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MONTHLY WEATHER REPORT

VOLUME 5 NUMBER 1

JANUARY, 1962

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PUBLICATIONS OF THE METEOROLOGICAL DEPARTMENT OF THE UNITED ARAB REPUBLIC — CAIRO

In fulfilment of its duties as the National Meteorological service for the U.A.R., the Meteorological Department issues several reports and publications on weather, climate and agrometeorology. The principal publications are described on this page.

Orders for publications should be adressed to :

" The Director General, Meteorological Department, Kubri-el-Qubbeh — CAIRO ".

THE DAILY WEATHER REPORT

This report is printed daily in the Meteorological Department. It contains surface and upper air observations carried by the relevant networks of the Republic and made at the four main synoptic hours of observations (00, 06, 12 and 18 U.T.); as well as ship observations over the Eastern Mediterranean and north Red Sea made at the same times.

It also contains two surface synoptic charts at 00 and 12 U.T. and two upper air charts for the standard isobaric surfaces 700 & 500 mbs. at both 00 and 12 U.T.

In compliance with resolution 8 (EC-XIII) of WMO, foreign upper air data included in Cairo Subregional Broadcast are also given in this report.

THE MONTHLY WEATHER REPORT

First issued in 1909, the Monthly Weather Report served to give a brief summary of the weather conditions that prevailed over Egypt during the month, with a table showing the mean values for few meteorological elements and their deviations from the normal values. From 1954 to 1957 tnis report was in a rapid state of development and extension resulting into a voluminous report on January 1958 giving surface, upper air, and agro-meteorological date for U.A.R.

THE AGRO - METEOROLOGICAL ABRIDGED MONTHLY REPORT

Gives a review of weather experienced in the agro-meteorological stations of the U.A.R. as well as monthly values of certain elements.

THE ANNUAL REPORT

This report gives annual values and statistics for the various meteorological elements, together with a summary of the weather conditions that prevailed during all months of the year.

CLIMATOLOGICAL NORMALS FOR EGYPT

The normals, long averages and statistical data are given for stations in Egypt from the date of opening of each station up to 1945. A new voluminous edition was issued in March 1968 which brings normals and mean values up till 1960.

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FOREWORD

SINCE 1909 the Meteorological Department of Egypt has been issuing regularly the Monthly Weather Report giving a brief summary of the weather conditions prevailing over Egypt during the month. These reports used to include a table giving limited climatological data for some selected surface observations.

On January 1954, the Monthly Weather Report has been revised and the general summary of the weather conditions has been extended to give a more detailed description of the synoptic situations and the associated weather prevailing during the month.

On February 1955 a further extension took place, the general summary of the weather conditions has been classified into different items to give more comprehensive information. More detailed surface climatological tables for selected stations and tables for miscellaneous weather phenomena have been added to the Report.

On January 1956, the climatological tables included in the Report have been extended to include upper air climatological data to meet the increasing demand for this information.

In addition, the full text of the monthly report of the standard observations taken at the Central Agro-Meteorological Station at Giza has been included in this Report instead of issuing it as a separate bulletin.

On January 1957, the Report has been completely revised, a new set of meteorological tables has been introduced to give, as far as possible, complete information for surface and upper air data from a more representative network of stations.

In addition a general review of the observations taken in the fields of the Plant Breeding Farm at Giza is included in the report. The review gives a brief summary of the characteristic features of the different Meteorological and Micro-Meteorological elements of the month, more weight is given in this review to those elements which are of interest to agriculturists.

Starting from the Report of January 1958, the Monthly Weather Report for The United Arab Republic included a detailed description of the synoptic situations and the associated weather experienced all over the Republic during the month. The Report included a new set of tables giving more detailed surface and upper air climatological data for selected stations in the Republic. The review of the Agro-Meteorological Station at Giza and the normal observations made at the field of the Station were also included in the report.

As from January 1960, these tables have been totally revised and some new tables have been introduced to include more detailed climatological data.

In order to explain how the tables included in these Monthly Weather Reports have been compiled, detailed notes are included in this Report of January 1962 giving information about the instruments used and their exposure, the methods of observation and the methods of computing the means and frequencies.

Starting from the Report of January 1958, the Monthly Weather Report of the United Arab Republic carries serial reference in volume and number; each year carries a serial number in volume, Number I being for January and 12 for December. The reference number of January 1958 is volume 1, number 1.

Cairo, 1/6/1970

M. F. TAHA
UNDER SECRETARY OF STATE
DIRECTOR GENERAL
METEOROLOGICAL DEPARTMENT

INTRODUCTION AND EXPLANATION OF THE TABLES

For the purpose of this Monthly Weather Report, the United Arab Republic is divided into six climatic districts as follows : –

Number	District	Number	District
I	Mediterranean Area	IV	Upper Egypt
II	Lower Egypt	V	Western Desert
III	Cairo Area	VI	Red Sea Area

Except for Table A5 which refers to the rainfall stations, the data included in Tables A 1, A2, ..., A10 are based on surface observations made at the basic network of synoptic and climatological stations, the data included in Tables B1, B2, and B3 refer to Upper Air observatiins.

The data included in Tables C1, C2, C3, and C4 are based on obserfations taken at the Central Agro-Meteorological Station at Giza and the Agro-Meteorological Station at Tahrir. The observation field at Giza is divided into several plots, each of area about 400 to 600 square metres, three of these plots are used for standard observations running throughout the whole year, the first serves as a dry and bare field, the second as a wet and bare field and the third as a wet field covered with grass (libia). On the other hand, the observation field at Tahrir up till now is ragarded as a dry and bare field. The soil characteristics of these fields are :—

	GIZA	TAHRIR
— Top soil type	Permeable clay	Pure sand.
— Top soil depth	More than 1.5 metres . .	More than 3 metres.
— Sub soil type	Clay loam and loam . . .	Pure Sand.
— Degree and direction of slope of the ground	Flat (0-0.3%)	½% towards East.
— Level of water table . . .	1.0-1.5 metres approximately	More than 5 metres.

Except for the wind speed which is expressed in knots, the metric units are used throughout this report and are as follows:

— The atmospheric pressure is expressed in millibars (one millibar = 1000 dynes per square centimetre = the pressure due to 0.7501 millimetre of mercury at 0°C at latitude 45°),

— air and soil temperatures in degrees celsius (°C),

— relative humidity (%),

— rainfall in millimetres,

— snow depth in centimetres,

— duration of bright sunshine in hours,

— sky cover in octas,

— evaporation in millimetres,

— altitude of pressure surface in geopotential metres,

— mean wind speed of the whole day, and of the day time and the night time intervals in metres per second,

— (solar + sky) radiation in gram-calories per centimetre square,

— vapour pressure in millimetres,

TABLE A 1.—Monthly Mean Values of Atmospheric Pressure at fixed Hours corrected to "Hp" and to Mean Sea Level

The monthly mean values of the atmospheric pressure at the main synoptic hours are computed from the daily routine observations taken at these hours over the month. In case of stations which do not take all of these synoptic observations, the table is completed for the corresponding synoptic hours from the records of barographs placed in doors at the station.

The atomspheric pressure is measured by mercury barometers installed indoors. The "Station Pressure" is the barometer reading corrected for the height of the barometer cistern above (or below) the level "Hp", "Hp" being a datum level fixed for each station; the "Mean Sea Level Pressure" is the barometer reading corrected for the height of the braometer cistern above (or below) the Mean Sea Level at the station. Corrections for index, temperature and latitude have been applied to the barometer readings to obtain these two values of atmospheric pressure.

This table gives the monthly mean values of the "Station Pressure" and the "M.S.L. Pressure" at the main synoptic hours of observations and their deviations from the corresponding normal values for the station. These normal values are computed for a period of 15 years or more in most cases, except for new stations where they are computed for a shorter period but not less than 5 years.

TABLE A 2.—Monthly Mean Valuds of the Dry Bulb and Wet Bulb Temperaturds, and the Relative Humidity at Fixed Hours.

The monthly mean values of the dry and of the wet bulb thermometer readings at the main synoptic hours are computed from the daily routine observations taken at these hours over the month. The monthly mean values of the relative humidity at a given hour is derived from the monthly mean values of the daily dry and daily wet bulb thermometer readings taken at that hour. In case of stations which do not take the observations of a given element at one or more of these synoptic hours, the table is completed from values extracted from the instrumental record of that element. The recording instruments are placed in the louvred screens at the station.

The dry and wet bulb thermometers used are of the mercury type and are freely exposed in sloping double roofed louvred screens with their bulbs at a height of 140-150 centimetres above ground. Except for the Giza and Tahrir Agro-Meteorological Stations (see notes on table C1.), no artificial ventilation is experienced in these screens.

Except for the Agro-Meterological Stations at Giza and Tahrir (see notes on table C2), the relative humidity (%) is derived from the dry and wet bulb thermometer readings usings the Jellink's Psychrometer Tables (Liepzig 1911). In deriving the relative humidity no corrections are appliel for the wind speeds or the atmospheric pressure.

This table gives the monthly mean values of the dry bulb temperature, the wet bulb temperature and the relative humudity (%) at the main synoptic hours of observations and their deviations from the corresponding normal values ; these normal values are computed as indicated in the notes on table A1.

TABLE A 3.—Monthly Mean Daily Values of the Atmospheric Pressure, Air Temperatures and the Relative Humidity

The monthly mean values of the atmospheric pressure included in this table are the arithmetical mean over the month of the daily hourly values, or of the daily observations taken at the 8 synoptic hours, or at the 06,12, and 18 U.T. synoptic hours. The atmospheric pressure is measured by mercury barometers installed in-doors; the "Station Pressure" and the "M.S.L. Pressure" are obtained as indicated in the notes on table A1.

The monthly mean values of the dry and of the wet bulb thermometer readings are the arithmetical mean over the month of the daily hourly readings, or of the daily readings taken at the 8 synoptic hours, or at the 4 main synoptic hours of observations. The types, exposure and height of the bulbs of these thermometers are as indicated in the notes on table A2.

The monthly mean values of the relative humidity are the arithmetical mean over the month of the 24 hours daily values or of the daily observations taken at the 8 synoptic hours or at the 4 main synoptic hours or of the daily observations taken at the 06 and 18 U.T. synoptic hours. The derivations of the relative humidity are as indicated in the notes on table A2.

The monthly mean values of the maximum and of the minimum air temperatures are the arith, metical means of the corresponding daily values over the month. Except for the Agro-Meteorological Stations at Giza and Tahrir (see notes on table C1), the maximum (mercury) and the minimum (alcohol) thermometers are freely exposed in the louvred screens referred to in the notes on table A 2 with their bulbs at a height of 160 to 170 centimetres above ground.

The monthly mean values of the above elements are computed as indicated in the table against each element; these values are computed according to the number of the routine observations taken at the station. In case of stations equipped with recording instruments for a given element, the 24 hours mean is calculated from the records of this element and is included in the table as being its monthly mean value irrespective of the number of the routine observations taken at the station for that element. The barographs are placed indoors, while the recording instruments for the other elements are exposed in the louvred screens at the station.

This table gives the following data :—

— The monthly mean values of the "Station Pressure" and of the "M.S.L. Pressure" and their deviations from the corresponding normal values.

— the monthly mean values of the maximum and of the minimum air temperatures, the arithmetical means of these two values and their deviations from the corresponding normal values,

— the monthly mean values of the dry and wet bulb temperatures and of the relative humidity and their deviations from the corresponding normal values.

The normal values of these monthly means are computed as indicated in the notes on table A1.

TABLE A 4.—Maximum and Minimum Air Temperatures.

The types and exposure of the maximum and of the minimum thermometers are as indicated in the notes on table A3.

This table gives the following data :

— The extreme values of the maximum and of the minimum air temperatures observed during the month and their dates of occurrences,

— the number of days during the month with maximum air temperatures above, and with minimum air temperatures below, specified limits.

TABLE A 5.—Rainfall and Snow Depth.

The rainfall for a given day is the amount of rain which has fallen during the 24 hours commencing at 0600 U.T. of that day ; when the amount of rain which has fallen is not large enough to be measured (less than 0.1 mm.) the term "trace" is entered as (tr). The amount of rainfall measured includes the water equivalent of the rain water which has frozen after falling and the water equivalent of solid precipitation, if any, such as hail.

The amount of rainfall is normally measured by ordinary raingauges ; some selected stations are also equipped with a recording type of rainguauge. The rim of both types of gauges are at a height of 90 to 100 centimetres above the ground.

The depth of snow is measured daily as a part of the routine observations taken at the main synopic hours at a spot near the raingauge away from drifted snow so that a fair sample measurement is obtained. The depth is measured with a ruler plunged vertically irrespective of the slope of the ground. The maximum depth of the snow is the highest value of all the routine snow depth readings taken at the main synoptic hours of observation during the month.

This table gives the following data :

— The total amount of rainfall during the month and its deviation from the corresponding normal value for the station. The normal values are computed as indicated in the notes or table A1,

— the maximum amount of rainfall in one day and its date of occurrence.

— the number of days with amounts of rainfall reaching or exceeding specified limits.

— the maximum depth of snow measured and its date of occurrence.

TABLE A. 6—Bright Sunshine, Cloudiness, Evaporation, Bright and Black Bulb Temperatures and Grass Minimum

The actual duration of bright sunshine for the month is the sum of the actual daily bright sunshine durations. The total possible duration for the month is the sum of the daily calculated periods between sunrise and sunset. In calculating the possible duration of sunshine for a given day, the period of cut-off for that day caused by obstacles, such as mountains, are eliminated from the possible duration with an ideal flat horizon. In case of satations where the record of a day or more is or are missing, the total actual duration is given between brackets and a note is added at the end of the table giving the actual number of records (days) used in summing up this total actual. In such cases the corresponding total possible duration is also given in brackets and it is the sum of the possible duration of the days of the available records. The duration of bright sunshine is measured by the Campbell-Stokes sunshine recorders which are suitably exposed.

Evaporation measurements are taken once daily at 0600 U.T. and give the evaporation for the previous 24 hours. Except for the Giza and Tahrir Agro-Meteorological Stations (refer to notes on Table C2), the evaporation readings are measured by a Piche tube freely exposed in sloping double roofed louvred screens; the evaporation disc has an effective area of 10.1 centimetres square, white in colour, and at a height of 140 to 150 centimetres above the ground.

The Black and Bright bulb maximum (mercury) thermometers used are of the Negretti and Zambra or the Casella types, and are suitably exposed in the open air on special stands at a height of 160 centimetres above ground. These instruments are read once daily at 1800 U.T.

The Grass Minimum (alcohol) thermometers are suitably exposed in the open air on special stands with their bulbs at a height of 5 centimetes above ground just touching the grass tops if there is any.

This table gives the following data :-

—The total actual and the total possible durations of bright sunshine during the month: the percentage of the total actual with respect to the total possible duration,

—The monthly mean values of the sky cover at the main synoptic hours of observations and their deviations from the corresponding normal values; these normal values are computed as indicated in the notes on table Al,

—the monthly mean values of the maximum temperatures of the black bulb and of the bright bulb thermometers,

—the monthly mean values of the grass minimum temperatures.

TABLE A 7.— Soil Temperatures at Fixed Hours.

The soil temperature readings are taken as a part of the routine observations taken at the main synoptic hours in a selected number of stations; these temperatures are taken at different depths ranging from 5 centimetres to 200 centimetres.

The highest and lowest soil temperatures for the month are the highest and lowest values of all of the routine soil temperature readings taken at the main synoptic hours over the month.

The soil thermometers used are of the Negretti and Zambra, Fuess, or of the Fredrich types.

This table gives the following data :

—The monthly mean values of the soil temperatures at selected depths taken at the main synoptic hours of observations,

—the highest and lowest values of the soil temperatures and their dates of occurrences at the selected depths.

TABLE A 8.—Frequency of Occurrence of Miscellaneous Weather Phenomena.

This table gives the number of days of occurrence of Rain, Snow, Ice pellets, Hail, Frost, Thunderstorms, Mist, Fog, Haze, Thick haze , Dustrising or Sandrising, Duststorms or Sandstorms, Drifting snow, Blowing snow, Gales, Cloudy sky and Clear sky, Except for rain (see notes on table A5) the days of occurrence of these weather phenomena are those days during which the phenomenon has occurred at any time between 2200 and 2200 U.T.

In compiling this table the terminology and definitions of the different weather phenomena are as those given in Vol. 1 of the Cloud Atlas published by the World Meteorological Organization 1956 with the exception of ice pellets, soft hail, small hail and hail stones which are referred to and defined in the Atlas as ice pellets type(a), snow pellets, ice pellets type (b) and hail respectively. The following criteria have been used in compiling this table :

— A day of rainfall is the day during which the amount of rainfall is 0.1 millimetre or more,

— A day of snow is the day during which snow or snow flakes or snow showers is or are observed even if they are so small in quantiy as to yield no measurable amounts of precipitation in the rain gauge.

— a day of ice pellets is the day during which ice pellets are observed even if they are so small in quantity as to yield no measurable amounts of precipitation in the rain-gauge.

— a day of hail is the day during which either one or more of the follwoing types of precipitation is or are observed even if they are so small in quantity as to yield no measurable precipitation in the rain-gauge :

— soft haill

— small hail

— hail stone,

— a day of thunderstorm is the day during which thunder is heard at the station whether lightning is seen or not. A day on which lightning is seen but thunder is not heard at the station is not counted as a day of thunderstorm,

— a day of frost is the day during which frost is observed at the station,

— a day of mist is the day during which the surface horizontal visibility at the station has deteriorated and became equal to or greater than 1000 metres due to mist,

— a day of fog is the day during which the surface horizontal visibility at the station has deteriorated and fell below 1000 metres due to fog,

— a day of haze is the day during which the horizontal visibility at the station has deteriorated and became equal to or greater than 1000 metres due to haze,

— a day of rising sand or rising dust is the day during which the horizontal visibility at the station has deteriorated and became equal to or greater than 1000 metres due to rising sand or rising dust,

— a day of duststorm or sandstorm is the day during which the horizontal visibility at the station has deteriorated and fell below 1000 metres due to duststorms or sandstorms,

— a day of slight or moderate drifting snow is the day during which the surface visibility below eye level (1, 80 metres above the ground) has deteriorated at the station and became equal to or greater than 1000 metres due to drifting snow,

— a day of severe drifting snow is the day during which the surface visibility below eye level (1,80 metres above the ground) has deteriorated at the station and became less than 1000 metres,

— a day of slight or moderate blowing snow is the day during which the surface visibility has deteriorated at the station and became equal to or greater than 1000 metres due to blowing snow,

— a day of heavy blowing snow (snow storm) is the day during which the surface visibility has deteriorated at the station and fell below 1000 metres due to blowing snow,

— a day of gale is the day during which the mean surface wind speed reached or exceeded 34 knots at the station for at least 10 minutes,

— a day of cloudy sky is the day on which the mean cloud amount at the station is 6/8 or more,

— a day of clear sky is the day on which the mean cloud amount at the station is less than 2/8.

As regards the last two items above, the mean cloud amount for a day is the mean of the 24 hours, the 8 synoptic hours or the 4 main synoptic hours of cloud observations according to the number of the routine observations taken at the station.

TABLE A 9.—Number in Hours of Occurrences of Concurrent Surface Wind Speed and Direction Recorded Within Specified Ranges

The elements used in preparing this table are the mean hourly values of the surface wind speed and the corresponding mean hourly values of direction taken from the daily records of the surface wind instruments installed at the station. These mean hourly values are extracted for every hour of each day of the month and they refer to a period of 60 minutes centred at the hour.

The number in hours of occurrences of the surface wind falling within the ranges of speed and direction indicated in the table is the number of cases when the mean hourly values of the surface wind, as defined, have satisfied these ranges.

The number in hours of "variable" winds is the number of cases where the surface wind showed no definite direction over the period of the 60 minutes centred at the hour or when the wind vane was sticking over that period due to the lightness of the wind and not responding to the variation in wind direction; in such cases the mean wind speed over this period is normally less than 5 knots. The number in hours of "Calm" winds is the number of cases where the surface wind has a mean speed of less than one knot over that period whatever the mean wind direction over the same period is. The number in hours during which the recording instrument failed to record over the whole month is given under a separate column .

The instruments used for recording the surface wind are of the Dines Pressure Tube Anemograph.

This table follows the general lines of Model B of chapter 12 part IV of the WMO Technical Regulations 1959. The ranges of wind speed are (1–10), (11–27), (28–47) knots and 48 knots or more; the ranges for wind direction are twelve ranges of 30° each, beginning with the range (345°–014°) as being the true north.

This table gives the following data:

— The total number in hours of simultaneous occurrences of surface wind satisfying the specified ranges of speed and direction during the month,

— the total number in hours of occurrences of surface wind satisfying the specified ranges of speed during the month irrespective of their direction,

— the total number in hours of occurrences of surface wind blowing from the specified ranges of direction during the month irrespective of their speed.

TABLE A 10.—Number of Occurrences of Concurrent Surface Wind Speed and Direction Observed, within Specified Ranges at the Synoptic Hours

In preparing this table the routine observations of the surface wind taken at all the synoptic hours of observations are used; these wind observations are the mean wind speed and mean wind direction over a period of ten minutes ending at the hour of observation. The terms "variable" and "calm" are used in the same manner as indicated in the notes on table A9 except for the period being ten minutes, the number of missing observations are entered under a separate column "not observed".

In case of stations which do not take all of these synoptic observations, the table is completed for the corresponding synoptic hours from the records of the surface wind instruments installed at the station. The instruments used for the surface wind observations are of the recording types indicated in the notes on table A9 and of the cup anemometer types: their heads are freely exposed and are erected at suitably heights above the buildings or above the ground.

This table follows the general lines of Model B of chapter 12 part 4 of the WMO Technical Regulations 1959. It gives the number of simultaneous occurrences of surface wind speed and direction observed within specified ranges during the month; the ranges used in this table for the wind speed and for the wind direction are identical with those used in Table A9.

TABLE B 1.—Upper Air Climatological Data

The routine upper air observations are taken at 0000 and 1200 U.T., a separate table of this type is prepared for each hour. The number of cases the height of each of the pressure surfaces indicated in the table has been attained during the month and the number of cases the temperatures and the dew points have been observed at each of these surfaces are given in the table against each element under column (N).

The monthly mean values of the altitude, temperature and dew point at each of these pressure surfaces are the arithmetical means of the corresponding daily values over the number of cases (N) indicated against each element.

The instruments used are of the radiosonde modulating frequency recording type; the types of transmitters used do not need to apply any corrections for radiation.

This table follows the general lines recommended by the Commission for Climatology of the World Meteorological Organization Rec. 34 (CCL—1); it gives the following data for the hour of observation indicated at the top of the table:

— The number of cases the height of each of the pressure surfaces has been attained during the month and the number of cases the temperature and dew point at these surfaces have been observed,

— the monthly mean values of the atmospheric pressure corrected to the ground level of the station (H); the highest and lowest values of this pressure observed during the month,

— the monthly mean values of the air temperature and of the dew point at the surface; the highest and lowest values of the surface air temperature observed during the month,

— the monthly mean, the highest and the lowest values of the altitude for each of the pressure surfaces,

— the monthly mean, the highest and the lowest values of air temperature; and the mean dew point at each of the pressure surfaces.

TABLE B 2.—Mean and Extreme Values of the Freezing Level and the Tropopause. the Highest Wind Speed in the Upper Air

The routine upper air observations are taken at 0000 and 1200 U.T.; a separate table of this type is prepared for each hour as indicated in the notes on table Bl. The number of cases the altitude of the freezing level and of the first tropopuase have been attained during the month and the number of cases the pressures and the dew points or temperatures have been observed at these levels are given in the table against each element in the box (N).

The monthly mean values of the altitudes of the freezing level and of the first tropopause and the monthly mean values of the pressures and of the dew points or temperatures at each of these levels are the arithmetical means of the corresponding daily values over the number of cases (N) indicated in the box of each element.

The first tropopause is determined in accordance with the definition adopted by the Executive Committee of the World Meteorological Organization Resolution 21 (EC—IX).

This table is based on wind observations taken by the SCR—658 or the Metox radiotheodolites working simultaneously with the radiosonde observations. The types of radiosonde instruments used are given in the notes on table BI.

This table gives the following data for each hour of observation indicated at the top of the table :

— the number of cases the freezing level has been attained during the month and the number of cases the pressure and dew point have peen observed at this level.

— the number of cases the altitude of the first tropopause has been attained during the month and the number of cases the pressure and the temperature have been observed at this level.

— the monthly mean values of the altitude, pressure and dew point of the freezing level.

— the altitudes, pressures and dew points of the highest and lowest freezing level observed during the month,

— the monthly mean values of the altitudes, pressures and temperatures of the first tropopause,

— the altitudes, pressuers and temperatures of the highest and lowest of the first tropopause observed during the month,

— the direction and speed of the highest wind speed observed during the month, the altitude at which this wind has been observed.

TABLE B 3.—NUMBER OF OCCURRENCES OF WIND DIRECTION WITHIN SPECIFIED RANGES AND THE MEAN SCALAR WIND SPEED AT THE STANDARD AND SELECTED PRESSURE SURFACES.

The routine upper air observations are taken at 0000 and 1200 U.T. A. separate table of this type is used for each hour.

The mean scalar wind speed "ffm" of winds blowing from each range of directions at a given pressure surface, is the arithmetical mean of the corresponding daily values of wind speed for the number of cases "N" during the month.

The term "Calm" is used in this table to denote wind speeds of less than 1 knot.
This table is based on the wind observations taken at the station as indicated in the notes on table B2.

This table, as in the case of table Bl, follows the general lines recommended by the Commission for Climatology of the World Meteorological Organization Rec. 34 (CCL—1) ; the ranges of wind direction used are twelve ranges of 30° each beginning with the range (345°—014°) as being the true north. This gives the following data for the hour of observation indicated at the top of the table ;

— The number of cases (N) the wind has been observed from the specified ranges of direction at the surface of the station and at the different pressure surfaces during the month,

— the total number of cases (TN) the wind has been observed at the surface of the station and at the different pressure surfaces during the month irrespective of the wind direction,

— the mean scalar wind speeds (ffm) blowing from the specified ranges of direction at the surface of the station and at the different pressure surfaces.

— the number of cases of "calm" winds at the surface of the station and at the different pressure surfaces,

— the mean scalar wind speeds at the surface of the station and at the different pressure surfaces blowing from all directions.

REVIEW OF AGRO-METEOROLOGICAL STATIONS AT GIZA AND TAHRIR

During winter, the monthly review includes normally the durations of air temperature below 0°C in hours to the nearest half hour at the height of five centimetres above the mean top of grass (libia). The records of a mercury in steel recording thermometer are used for this purpose ; the sensitive part of the instrument is exposed in the open air and is mounted on a wooden support at the height indicated.

TABLE C 1.—Air Temperatures at 2 Metres Above Ground ; Absolute Minimum Air Temperatures at 5 Centimetres Above Ground over Different Fields.

The mean air temperature of the day is computed by using the formula : 06 + 12 + 18 U.T. dry bulb readings + minimum temperature /4. The night-time mean air temperature of the day is obtained graphically to the nearest whole degree from the charts of recording thermometers for the period from sunset of the previous day to sunrise of that day ; the day-time mean temperature is similarly obtained for the period from sunrise to sunset of the same day. The duration of air temperetures above a specified limit of temperature is obtained graphically from the same charts.

The maximum (mercury), the minimum (alcohol) and the dry bulb (mercury ventilated) therf mometers are freely exposed in sloping double roofed louvred screens with their bulbs at a height o 210—220 centimeters above ground ; the recording thermometer used is of the bi-metallic type and is exposed in the similar screen ; the height of the bi-metallic piece is 210 centimetres approximately above the ground. The types and exposures of the mininum thermometers used over the different fields are as in the case of the grass minimum referred to in notes on table A6.

This table gives the following data :

— The daily values of the maximum and minimum air temperatures and their corresponding monthly mean values,

— the mean of the day, the night-time mean and the day-time mean air temperatures for each day and their corresponding monthly mean values,

— the daily values of the duration of air temperatures above specified limits, the corresponding total durations for the whole month and their monthly mean values.

In addition, the extreme values of the maximum and of the minimum air temperatures and their dates of occurrences are given at the end of the table together with the absolute minimum air temperatures at the height of 5 centimeters above the dry soil. the wet soil and the grass (libia) covered fields, and their corresponding dates of occurrences.

TABLE C 2.—Wind Speed, (Solar + Sky) Radiation, Duration of Bright Sunshine, Relative Humidity and Vapour Pressure at 2 Metres Above Ground, Evaporation and Rainfall.

The night-time mean wind speed of the day is obtained from the total run of air during the period 1600 U.T. of the previous day to 0600 U.T. of that day ; the day-time mean is similarly computed for the period 0600 to 1600 U.T. of the same day. The mean wind speed of the day is computed for the period of 24 hours from 1600 U.T. of the previous day. The type of the wind instrument used is of the run counter of the Lambrecht type ; the cups of which are at 2 metres above the ground.

The (solar + sky) radiation is obtained from the records of a Robitzsch Actiongraph ; the Robitzsch values are regularly compared with the records of an Eppley Pyrheliometer installed at the station. In case of comparisons revealing differences of 5% or more, a correction sheet is issued during January giving the correction factor or factors for the Robitzsch values for the preceding year ; if the comparison reveals corrections of less than 5%, the sheet shall indicate that the Robitzsch values are satisfactory and are within the range of accuracy of the instrument. The sensitive elements of the Robtizsch Actiongraph and of the Eppley Pyrheliometer are at 100 cms approximately above the ground.

The types of instruments used for the measurement of the duration of bright sunshine, therir exposure and the evaluation of the durations are as given in the notes on table A6.

The duration of the relative humidity above 90% and above 80% are given to the nearest hour and are obtained graphically from the records of a hair hygrogarph exposed in a sloping double roofed louvred screen at a height of 210 centimeters approximately above ground.

The relative humidity is derived from the readings of ventilated dry and wet bulb mercury thermometers freely exposed in the same screen, using the Aspirations-Psychrometer-Taflen of the Deutschen Wetter Dienst 1955 ; the height of the bulbs is 210 centimetres approximately above the ground. The mean relative humidity of the day is the mean of the values observed at 06 and 18 U.T.

The vapour pressure values are derived from the same Aspiration psychrometer tables . The mean of the day of the vapour pressure is computed using the formula (06 + 12 + 18) U.T. observations /3.

Evaporation measurements are taken once daily at 0600 U.T. from a Piche tube and also a class "A" evaporation pan and give the evaporation for the previous 24 hours. The Piche tube is freely exposed in the open air at a height of 120 centimetres above dry soil ; the colour and effective area of the evaporation disc are as given in the notes on table A6. The class "A" evaporation pan is of the type recommended by the Commission of Instruments and Methods of Observation of the World Meteorological Organization Rec. 42 (CIMO-56) : it is of a cylindrical shape, 25.4 centimetres deep, 120.6 centimetres in diameter (inside dimensions). The pan is freely exposed in the open air in the wet field covered with grass (libia), its rim at a height of 41 centimetres above ground away from obstacles such as buildings or trees.

The types of instruments used for measuring the amount of rainfall, their exposure and the evaluation of their amounts are given in the notes on table A5.

In addition, the following informations are given at the bottom of the table :

— The maximum amount of rainfall in one day in millimetres and its date of occurrence,

— the lowest value of the relative humidity and its date of occurrence as obtained from the record of the hair hygrograph,

— the extreme values of the vapour pressure in millimetres and their dates of occurences as obtained from the daily routine observations of the month.

This table gives the following data :

— The mean of the day, the night-time and the day-time means of the surface wind speed for each day and also for the whole month,

— the (solar + sky) radiation day by day, the total amount for the whole month and the monthly mean value of this radiation,

— the total actual and the total possible durations of bright sunshine and the percentage of the total actual with respect to the total possible day by day and the corresponding monthly mean values ; the total actual and the total possible durations for the whole month and the corresponding percentage,

— the duration in hours of the relative humidity above 90% and above 80% for each day and for the whole month, the mean of the day of relative humidity and the value at 1200 T.U. for each day and for the whole month,

— the mean of the day of vapour pressure and the vapour pressure at 1200 U.T. for each day and the corresponding monthly mean values,

— the evaporation taken by the Piche tube evaporimeter, by class "A" evaporation pan for each day and the corresponding monthly mean values and the total evaporation for the month,

— the total amount of rainfall for each day and for the whole month.

TABLE C 3.—Extreme Soil Temperatures at different Depths in Different Fields

The soil temperature readings are taken in the different fields at the specified depths ranging from 0.3 cm. to 300 cms. in each field as indicated in the table. These readings are taken regularly during the period from 0400 to 1800 U.T. according to the following schedule :—

— Daily every 2 hours for the 0.3,1,2 and 5 centimetres depths,

— daily at 0400 U.T. & 0600 U.T. and then every 3 hours up till 1800 U.T. for the 10 and 20 centimetres depths,

— daily at 0400, 0600, 1200 & 1800 U.T. for the 50 centimetres depth,

— once daily at 1000 U.T. for the 100 and 200 centimetres depths,

— once weekly for the 300 centimetres depth.

The thermometers used are of the Fuess or the Friedrich types.

This table gives the highest and lowest values of the soil temperatures at the selected depths in the different fields ; these values are being the highest and lowest values of all the routine soil temperature readings taken according to the schedule referred to above.

TABLE C 4.—Number of Days of Surface Wind Speed Reaching or Exceeding Specified Limits of Velocity

In preparing this table, the daily records of the Dines Pressure Tube Anemograph for the month are used ; the highest gust refers to the highest excursion made by the velocity pen on the records during the whole month.

This table gives the number of days during which the wind speed has reached or exceeded specified values for at least 5 minutes at any time between 2200 and 2200 U.T. irrespective of its direction. It includes the highest gust recorded during the month and its date of occurrence.

LIST OF STATIONS APPEARING IN THE REPORT

A. Synoptic and Climatological Stations

District	Station	Index number Hiii	Latitude °N	Longitude °E	Elevation of the ground in metres (H or Ha)	Altitude of the station in metres (Hp)	Altitude of the barometer cistern in metres	Height of wind recording instruments (metres) Above building	Above ground	Synoptic observations 00	03	06	09	12	15	18	21	Hourly observations (H) half hourly observ. (h) (0000-2400)	Upper air observations P (Pilot Balloon) W (Radio Wind) R (Radio Sonde) 00	06	12	18	Remarks
Mediterranean	Sallum	62.300	31 32	25 11	4.0	6.0	6.0	—	—	×	×	×	×	×	×	×		H	—	—	—	—	
	Sidi Barrani	303	31 38	25 38	21.0	22.8	24.0	10	14	—	—	×	×	×	×	×	×	H	P	P	P	P	
	Mersa Matruh (A)	306	31 20	27 13	30.7	30.0	30.0	8	15	×	×	×	×	×	×	×	—	H	—	—	—	—	
	Dabaa	309	31 56	28 23	17.0	18.0	17 8	—	—	—	—	×	×	×	×	×	×	H	RW	P	RW	P	
	Dekheila (A)	316	31 08	29 48	—0.7	6.0	5.0	7	15	×	×	×	×	×	×	×	—	H	—	—	—	—	
	Alexandria (A)	318	31 12	29 57	—3.4	7.0	6.8	10	18	×	×	×	×	×	×	×	×	—	P	—	—	—	
	Balteam	325	31 33	31 06	1.0	2.0	2.0	—	—	—	—	×	×	×	×	—	×	H	—	P	P	P	
	Damietta	330	31 25	31 49	3.0	5.0	5.0	—	—	—	—	×	×	×	×	×	—	H	—	—	—	—	0600—1800
	Port Said	333	31 17	32 14	0.8	7.5	6.1	10	19	×	×	×	×	×	×	×	×	H	P	P	P	P	
	El Arish	336	31 07	33 45	15.0	17.1	17.1	10	15	×	×	×	×	×	×	×	×	H	P	P	P	P	
	Ghazza	338	31 10	34 27	0.7	15.7	15.7	—	—	×	×	×	×	×	×	×	×	H	P	P	P	P	
Lower Egypt	El Sirw	341	31 14	31 39	2.0	—	—	—	—	—	—	×	—	×	—	×	—	—	—	—	—	—	No pressure
	Sakha	340	31 07	30 57	6.0	—	—	—	—	—	—	×	—	×	—	×	—	—	—	—	—	—	No pressure
	Mansoura	343	31 00	31 27	6 0	8.0	7.1	—	—	—	—	×	—	×	—	×	—	—	—	—	—	—	
	Damanhour	330	31 02	30 28	5 4	6.7	6.7	—	—	—	—	×	—	×	—	×	—	—	—	—	—	—	
	Gimmeiza	347	30 48	31 07	8 0	8.0	8.9	—	—	—	—	×	—	×	—	×	—	—	—	—	—	—	
	Tanta	348	30 47	31 00	14.0	14.8	15.4	—	—	—	—	×	—	×	×	×	—	—	—	—	—	—	
	Tahrir	345	30 30	30 42	15.6	16.0	18.6	—	—			—	—	×	×	×	×	—	—	—	—	—	
	Shebin El Kom	360	30 36	31 01	12.0	17.9	17.9	—	—	—	—	×	—	×	—	×	—	—	—	—	—	—	
	Zagazig	351	30 35	31 30	11.6	13.p	13.0	—	—	—	—	×	—	×	—	×	—	—	—	—	—	—	
	Abu Sueir (A)	438	30 34	32 06	15.0	16.0	16.0	—	—	×	×	×	×	×	×	×	×	H	—	—	—	—	
	Banha	363	30 28	31 11	14.0	—	—	—	—	—	—	×	—	—	—	—	—	—	—	—	—	—	No pressure.
	Zaher (A)	365	30 24	31 35	18.5	23.6	23.3	10	18	—	—	×	×	×	×	×	—	H	—	—	—	—	
	Wadi El Natrun	357	30 23	30 21	—1.0	0.9	0.9	—	—	—	—	×	×	×	×	×	—	H	—	—	—	—	
	Inshas (A)	364	30 23	31 28	20.1	24.5	25.6	—	—	—	—	×	×	×	×	×	—	—	—	—	—	—	
	Fayed (A)	444	30 19	31 17	33.0	35.0	35.0	—	—	—	—	×	×	×	×	×	—	H	—	—	—	—	
	Kabrit (A(	446	30 15	32 29	4.0	4.0	4.5	—	—	—	—	×	×	×	×	×	—	H	—	—	—	—	
	Delta Barrage	367	30 11	31 08	20.0	—	—	—	—	—	—	×	—	—	—	—	—	—	—	—	—	—	No pressure
Cairo Area	Cairo (A)	366	30 08	31 24	3 7	74.5	74.0	14	18	×	×	×	×	×	×	×	×	h	—	—	—	—	
	Mostafa Helmi (A)	363	30 06	30 54	1632.0	164.0	164.0	8	12	×	×	×	×	×	×	×	×	H	—	—	—	—	
	Almaza (A)	372	30 06	31 22	74.0	78.6	78.6	10	25	×	×	×	×	×	×	×	×	H	—	—	—	—	
	Abbasiya (H.Q)	371	30 05	31 17	32.8	25.4	26.4	10	17	×	×	×	×	×	×	×	×	R	—	—	—	—	
	Imbaba (A)	373	30 04	31 11	17.6	19.0	19.0	—	—	—	—	×	×	×	×	×	—	H	—	—	—	—	
	Giza	375	30 02	31 13	21.0	22.5	22.5	8	10	—	—	×	×	×	×	×	—	H	—	—	—	—	
	Helwan	378	29 52	31 20	112.0	115.6	115.6	—	—	—	—	×	—	×	—	×	—	—	RW	W	RW	W	

LIST OF STATIONS APPEARING IN THE REPORT

A.—Synoptic and Climatological Stations

District	Station	Index number Hiii	Latitude °N	Longitude °N	Elevation of the ground in metres (H or Ha)	Altitude of the station in metres (Hp)	Altitude of the barometer cistern in metres	Height of wind recording instruments (metres)		Synoptic observations								Hourly observations (H) Half hourly observ. (h) (0000-2400)	Upper air obsesvations P (Pilot Balloon) W (Radio Wind) R (Radio Sonde)				Remarks
								Above building	Above ground	00	03	06	09	12	15	18	21		00	06	12	18	
Upper Egypt	Fayoum	381	29 18	30 51	22.0	23 3	23.3																
	Beni Suef	384	29 04	31 06	28.4	30.0	30.0	—	—	—	—	×	×	×	×	×	—	H	—	—	—	—	
	Seds	—	28 54	30 56	30.5	—	—	—	—	—	—	×	—	×	—	×	—	—	—	—	—	—	No Pressure
	Minya (A)	387	28 05	30 44	34.0	40.0	40.3	7	10	×	×	×	×	×	×	×	×	H	P	P	P	P	
	Mallawi	380	27 42	30 45	44.0	—	—	—	—	—	—	×	—	×	—	×	—	—	—	—	—	—	No Pressure
	Asuit (Mangabad (A)	393	27 11	31 66	71.0	96 6	69.5	—	—	×	×	×	×	×	×	×	×	H	P	P	P	P	
	Shandaweel	306	26 36	31 38	50.0		—	—	—	—	—	×	—	×	—	×	—	—	—	—	—	—	No Pressure::
	Nag Hammadi	300	26 03	32 16	68.7	70.5	70.5	—	—	—	—	×	—	×	—	×	—	—	—	—	—	—	
	Kena	4.2	26 10	32 43	72.6	74.2	74.2	—	—	—	—	×	—	×	—	×	—	—	—	—	—	—	
	Luxor (A)	405	25 40	32 42	94.9	88.5	84.4	7	15	×	×	×	×	×	×	×	×	H	P	P	P	P	
	Kom Ombo	411	24 20	32 56	102.0	102.6	102.6	—	—	—	—	×	×	×	×	×	×	H	—	—	—	—	
	Aswan (A)	414	23 58	32 47	196.0	193.5	193.5	—	—	×	×	×	×	×	×	×	×	H	RW	P	RW	P	
Western Desert	Siwa	417	29 12	25 29	—1.5	—13.6	—13.3	10	17	×	×	×	×	×	×	×	×	H	P	P	P	P	
	Bahariya	420	28 20	28 54	128.0	129.5	129.6	—	—	×	×	×	×	×	×	×	×	H	P	P	P	P	
	Farafra	423	27 03	27 58	90.0	91.8	92.1	—	—	×	×	×	×	×	×	×	×	H	P	P	P	P	
	Dakhla	432	25 29	29 00	110.0	111.5	111.5	10	15	×	×	×	×	×	×	×	×	H	P	P	P	P	
	Kharga	35	25 26	30 34	72.0	72.8	730.0	—	—	×	×	×	×	×	×	×	×	H	P	P	P	P	
Read Sea	Suez	450	29 56	32 33	5.0	11.0	12.2	—	—	—	—	×	—	×	—	×	—	—	—	—	—	—	
	Abu Redes	458	28 53	35 10	2.5	4.0	4.0	—	—	—	—	—	×	×	×	×	—	H	—	—	—	—	0600—1800
	Tor	459	28 14	33 37	2.7	4.2	4 2	—	—	×	×	×	×	×	×	×	×	H	P	P	P	P	
	Hurghada	462	27 17	33 46	1.0	2.8	2.8	8	12	×	×	×	×	×	×	×	×	H	P	P	P	P	
	Quseir	465	26 08	24 18	8.0	11.3	11.3	—	—	×	×	×	×	×	×	×	×	H	P	P	P	P	
	Abul Kizan	471	21 55	35 52	4.0	5.0	5 0	—	—	—	—	×	—	×	—	×	—	—	—	—	—	—	

LIST OF STATIONS APPEAPING IN THE REPORT

(*B*) Precipitation Stations.

District	STATION	Latitude °N	Longitude °E	Elevation of the (ground metres) (H or Ha)
MEDITERRANAM	Fuka	30 05	27 55	25
	Hammam	30 50	2à 25	15
	Borg El Arab	30 55	25 32	10
	Mex	31 09	29 50	5
	Tomlombat El Tabia	31 18	30 04	1
	Kom El Tarfais	31 14	30 00	2
	Rosetta L.H.	31 24	30 26	2
	Borollos L.H.	31 26	31 05	10
	Damietta L.H.	31 31	31 51	2
L. EGYPT	Tolombat El Boseilli	31 20	30 24	2
	Katr El Dawar	21 08	30 08	3
	Kafr El Sheikh	31 07	30 07	7
	Kafr El Zayat	30 40	30 51	10
	Faqus	30 45	31 50	10

GENERAL SUMMARY OF WEATHER CONDITIONS

JANUARY 1962

Rather cold, rainy in the northern parts. Heavy scattered rain over the northern coast accompanied with thunderstorms and lightning between Alexandria and El Arish. Early morning mist over Canal, Delta and Cairo areas.

THE MAIN FEATURES

— Three prevailing light cold waves, the first of which was of long duration, while the rest two were of short duration. Remarkably cold nights particularly over Upper Egypt.

— High relative humidity over most districts of the Republic the majority of the month.

— A pronounced increase in the monthly rainfall over many scattered localities of the northern districts.

— Six transits of the secondary depressions of the Mediterranean origin through its eastern sector, the first of which was rather slow (about 4 days duration) while the rest five were rapid.

— Scattered thunderstorms and lightning over the coastal strip between Alexandria and El Arish.

— Frequent early morning mist patches over Canal, Delta and Cairo areas.

GENERAL DESCRIPTION OF WEATHER

At the beginning of this month, the Republic enjoyed a period of pronounced warmth and short duration. On the 4th, this prevailing warm spell broke down, and up till the 14th a rather cold wave was experienced. It was characterized with slightly subnormal maximum temperatures in general and light scattered rain which included most places in the Mediterranean coastal strip, and extended southwards till Fayoum. Rain was heavy in particular over scattered localities in the Mediterranean district. Thus on the 6th, the daily rainfall was 12 mms. at El Arish; on the 9th it was 8 mms. at Sidi Barrani, 9 mms. at Dekheila, 4 mms at each of Mansoura and Shebin El Kom and 1 mm. at Fayoum, while on the 13th, 11 mms. of rain fell over Sidi Barrani. On the 10th, rain was accompanied with thunderstorms and lightning over Alexandria & Port Said respectively.

During the second half of the month, two rather cold and rainy spells have been marked round the periods (20th—22nd) & (27th—28th) over the Mediterranean, Lower Egypt and Cairo area districts. Rainfall was light and scattered in general; though as an exception, it was heavy at El Arish on the 17th.

The monthly rainfall exceeded its normal values over many places in the northern parts of the Republic; its departure was rather pronounced at Sidi Barrani, El Arish, Cairo and Fayoum, where 40.3, 31.4, 10.1 and 7.7, mms. of rain fell respectively during the month, exceeding normal values by 7.5, 14.2, 8.6 & 4.0 mms. respectively.

Frequent early morning mist patches developed round 15 days in the Canal area and round 10 days in Delta & Cairo areas.

The monthly mean values of various meteorological elements for different districts and their deviations from their corresponding normals are given in the following table.

District	Atmospheric pressure (mb.) Corrected to M.S.L.		Air temperature (°C)						Relative humidity (%)		Total rainfall (mms)	
			Maximum (A)		Minimum (B)		(A+B)/2					
	Mean	Deviation from normal	Mean	Deviation from normal	Mean	Deviation from normal	Mean	Deviation from normal	Mean	Deviation from normal	Mean	Deviation from normal
Mediterranean	1017.1	— 0.3	19.4	+ 0.7	10.1	+ 1.5	14·8	+ 1.1	72	+ 3	33.6	— 2.9
Lower Egypt	1017.6	— 0.3	20.2	+ 0.4	7.9	+ 1.2	14.0	+ 0.8	72	— 4	15.7	0.0
Cairo Area	1017.8	— 0.4	19.6	+ 0.4	9.4	+ 1.1	14.5	+ 0.7	61	— 2	7.7	+ 4.8
Upper Egypt	1017.9	0.0	22.3	+ 0.5	7.0	+ 1.4	14.7	+ 1.0	54	— 2	1.3	+ 0.6
Western Desert	1018.5	— 0.3	21.3	+ 0.6	5.5	+ 0.7	13.4	+ 0.6	50	— 4	0.4	+ 0.2
Red Sea	1016.8	0.0	22.2	+ 0.5	13.0	+ 0.7	17.6	+ 0.6	55	— 1	0.2	— 0.9

Note.—The obove monthly district means for atmospheric pressure and relative humidity are computed form the corresponding means for all stations that take daily 24 hourly observations in each district

PRESSURE DISTRIBUTION

During this month, the outstanding pressure systems over the surface map can be summarized in :

— The Siberian anticyclone and its southwest anticyclonic ridge over the Caspian and Black Sea regions.

— The Atlantic anticyclone and its southeast anticyclonic ridge over North Africa.

— The deep travelling low pressure systems across Urasia north latitude 50°N and their associated secondaries over the Mediterranean region and surrounding territories.

— Troughs of low pressure over Arabia extending southeastwards from Sudan and over the Great Sahara of Africa.

The pressure field over East Mediterranean in general and U.A.R. in particular was affected this month by six consecutive transits of Mediterranean secondary depressions or troughs of low pressure. These secondaries either originated over the West Mediterranean region and its vicinities or over Central Mediterranean region. The first secondary depression originated over Spain on the 1st and appeared as a member in a system of secondaries extending northeastwards through north Italy and Balkans. It proceeded eastwards towards Central Mediterranean where it was stationary between the 4th and 8th, then it approached East Mediterranean (Cyprus in particular) on the 9th and started to fill rapidly in its place.

The second secondary depression appeared over West Mediterranean on the 11th, then it followed a southeast track, it passed by the Adriatic Sea round the 12th, and by Greece round the 13th. On the 14th it approached East Mediterranean where it filled up rapidly.

The third secondary depression originated over Central Mediterranean round the 15th, then it proceeded eastwards rapidly. On the 16th, it reached Greece while enlarging its cyclogenetic area southwards towards the Gulf of Serte. By the 17th it was shifted considerably towards the south while splitting up into two shallow secondaries, one coastal over Cyrenica and the other inland over the Western Desert of Egypt. On the same day, the northern arm of the Sudan trough of low pressure showed a northward elongation towards Upper Egypt. On the19th the coastal secondary approached Cyprus while the inland secondary approached Sinai peninsula and the northern districts of the Red Sea. Both of these secondaries continued afterwards its east track through Iraq and North Arabia respectively.

The fourth secondary depression this month originated over North Italy on the 22nd, then it followed a southeast track and was stretched between Central Mediterranean and Gulf of Serte round the 23rd while it acquired two closed centres, a northern one over the Mediterranean Sea and a southern one over the Libyan Desert. Both secondaries traversed the U.A.R. territory round the 25th.

During the rest part of the month, two more secondary depressions originated consecutively over Central Mediterranean round the 26th and 28th respectively. Both of which deepened appreciably while following rapidly an east track through East Mediterranean region. Their southern troughs traversed the northern part of the U.A.R. round the 28th and 30th respectively.

It is worthy to note that high pressure established over East Mediterranean in advance of these Mediterranean travelling secondary depressions and over the whole Mediterranean and North Africa regions in their rear.

SURFACE WIND

During this month, the prevailing winds were generally light/moderate ; N/NW ly round periods (1st—2nd), 6th, (10th—15th), (20th — 21st). (25th — 26th) and 28th ; N/NEly round periods 3rd, 16th, 17th and 22nd ; and mostly SEly, Sly and SWly

otherwise Fresh/strong winds blew in advance and during the passage of the Mediterranean secondary depressions or troughs of low pressure through the Republic Calms were frequent over Upper Egypt most night time and early morning intervals.

Gales were reported at Siwa on the 9th.

TEMPERATURE

Maximum temperature oscillated slightly above normal over the Mediterranean district and its values ranged between 17°C & 22°C. Over the midinland districts it oscillated round its normal and its values ranged between 19°C & 24°C. Over the far inland districts it oscillated to a moderate extent round its normal and its values ranged between 20°C & 30°C. The absolute maximum temperature for the Republic was 32.3°C reported at Kom Ombo on the 18th.

Minimum temperature oscillated slightly above normal over the Mediterranean and mid-inland districts and its values ranged between 8°C & 12°C. Over the far inland districts it was generally round normal and its values ranged between 6°C & 11°C. The absolute minimum temperature for the Republic was 0.0°C reported at Dakhla on the 14th.

PRECIPITATION

During this month, light rain fell round the periods (5th—14th), (20th—21st) & (25th—28th) over the Mediterranean coastal strip and extended inland in the south up till Fayoum, but heavy rain fell as an exception over scattered localities particularly on the 9th & 10th. The monthly rainfall exceeded its normal over some places in the northern districts of the Republic.

The absolute monthly rainfall for the Republic was 81.5 mms. reported at Mex while the absolute daily rainfall was 29.8 mms. reported at Mex on the 31st.

MISCELLANEOUS WEATHER PHENOMENA

Rain fell at : Sallum on the 5th, 7th, 9th, 13th, 17th, 18th & (25th—28th) ; Sidi Barrani on the 5h, (7th—11th), 13th, 17th, 18th, 19th & (25th—28th) ; Mersa Matruh on the 5th, 8th, 9th, 10th, 13th, 17th, 25th, 26th & 28th ; Dabaa on the 5th, 6th, 10th, 12th, 13th, & 25th ; Dekheila on the 5th, 6th, 8th, 9th, 10th, 12th, 13th, 14th, 19th, 25th, 27th, 28th & 29th ; Alexandria on the 6th, (7th—10th), (12th—14th), 19th, 20th, 25th, 28th & 29th ; Balteam on the 7th, 10th,11th,13th,14th, (19th—21st) & 28th ; Damietta on the (5th—7th), (9th—11th), 13th 14th, 20th, 21st, 27th & 28th ; Port Said on the 6th, 9th, 14th, 20th, 25th, 27th & 28th ; El Arish on the 1st, 6th, 7th, 10th, 20th, 21st, 27th & 28th ; Ghazza on the 6th, 7th, 10th, 11th, 20th, 21st, 25th, 26th, 28th & 29th ; El Sirw on the 6th & 8th ; Sakha on the (8th—11th) & 13th ; Mansoura on the 1st,6th, 7th,(9th—11th), 13th, 14th & 28th ; Damanhour on the 6th, 9th, 10th, 12th, 14th & 21st ; Tanta on the 6th, 7th, 9th, 14th, 21st, 25th & 27th ; Tahrir on the (5th—7th), 9th, 13th, 14th, 20th, 25th, 27th & 28th, Shebin El Kom on the 5th, 7th, 9th, 10th, 13th, 14th, 20th, 21st, 25th, 27th & 28th ; Zagazig on the 7th, 9th, 14th, & 27th ; Abu Sueir on the 1st, 6th. 9th, 12th, 14th, 25th, 27th & 28th ; Zaher on the 5th, 7th, 9th, 14th, 27th & 28th ; Inshas on the 5th, 7th, 9th, 10th, 14th, 25th, 27th & 28th ; Fayed on the 1st & 7th ; Kabrit on the 1st, (5th—7th), 9th, 14th & 27th; Delta Barrage on the 5th, 13th & 20th ; Cairo on the 1st, 5th, 6th, 7th, 9th, 14th, 25th, 27th & 28th ; Mostafa Helmi on the 5th, 6th & 14th ; Almaza on the 1st, 5th, 6th, 7th, 14th, 27th & 28th ; Abbasiya on the 1st, 6th, 7th, 14th, 25th, 27th & 28th ; Imbaba on the (5th—7th), 14th, 20th, 21st, 25th & 27th ; Giza on the 5th, 6th, 14th, 20th, 21st, 25th, 27th & 28th ; Helwan on the (5th—7th), 14th, 20th, 21st & (25th—28th); Fayoum on the (5th—9th), 27th & 28th ; Aswan on the 7th, 9th & 27th ; Bahariya on the 5th & 6th ; Abu

Redes on the 6th, 7th & 25th and at Abul kizan on the 20th.

Hail fell at : Tanta on the 9th.

Thunderstorms occurred at : Dekheila and Alexandria on the 9th & 10th ; Ghazza on the 8th and at Siwa on the 9th.

Mist patches developed at : Alexandria on the 3rd, 4th, 15th, 23rd & 25th ; Balteam on the 18th ; Port Said on the 3rd, 7th, 11th, 15th & 27th ; El Arish on the 15th ; Ghazza on the 2nd & 18th ; Mansoura on the 2nd, 7th & 16th ; Damanhour on the 2nd, 3rd, 16th, 18th & 19th ; Tahrir on the 3rd & 17th ; Shebin El Kom on the 2nd, 3rd, 10th, 12th, 15th & 22nd ; Zagazig on the 7th & 19th ; Abu Sueir on the 3rd, 6th, 7th, (10th—12th), 14th, 15th, (17th—21st), 23rd, 27th & 31st ; Zaher on the 1st, 3rd, 7th, 8th, (10th—12th), 15th & (19th—22nd) ; Inshas on the (1st—3rd), (6th—8th), 11th, 12th, 16th, 18th, 19th & (21st—24th) ; Kabrit on the 2nd & 19th ; Cairo on the (1st-3rd), 6th, (10th—12th), 15th & (17th—22nd) ; Mostafa Helmi on the 7th, 8th, 10th, 16th & 23rd ; Almaza on the (1st—3rd). (6th—8th), 10th, 17th, 18th, 21st & 22nd ; Abbasiya on the (1st—3rd), 7th, 11th & (16th-19th); Imbaba on the 1st, 3rd, 6 th, 7 th, 11th, (16th—18th) & 21st ; Giza on the 1st, 7th, 11th, 12th, 13th, 17th, 19th &27th ; Fayoum on the 17th & 18th ; Beni Suef on the 1st, 2nd & 23rd and at Minya on the 1st, 2nd, 4th, 6th, 7th, 12th, 13th, 15th, 16th, 18th & 27th.

Fog patches developed at : Dekheila on the 18th ; Alexandria on the 16th, 18th & 19th ; Damietta on the 15th, 16th & 18th ; Port Said on the 18th ; Ghazza on the 20th ; Mansoura on the 3rd ; Tahrir on the 16th, 18th & 23rd ; Shebin El Kom on the 16th, 18th & 19th ; Zagazig on the 7th & 19th ; Abu Sueir on the 13th, 16th & 22nd ; Zaher on the 2nd & 17th ; Wadi El Natrun on the 18th ; Inshas on the 17th ; Cairo on the 7th ; Mostafa Helmi on the 1st, 3rd, 17th, 18th &27th ; Almaza on the 1st, 3rd, 6th, 8th, 9th, 11th, 15th, 16th, 18th, 19th, 21st, 22nd, 27th & 29th ; Imbaba on the 22nd & 23rd ; Giza on the 3rd, 16th, 18th, 22nd & 23 rd and at Helwan on the 1st & 21st. risnig and swlil.

Local rising sand or dust was reported at : Sallum on 3rd & 30th ; Mersa Matruh, Abu Sueir & Zaher on 25th ; Inshas on 4th, 13th, 15th, 19th, 20th, 21st, (25th—30th), Fayed 28th, Cairo & Almaza on 8th, 9th, 25th & 26th ; Mostafa Helmi 28th ; Asyout Luxor ; Aswan, Baharia & Kharga on 28th ; Farafra 25th, 26th & 28th ; Dakhla on 25th & 28th, Quseir on 1st, 6th & 28th.

Sand or dust storms blew over Siwa on th 9th & 27th.

Cairo 4 - 6 - 1970

M. F. TAHA

Under Secretary of State
Director General
Meteorological Department

Table A 1.—MONTHLY MEAN VALUES OF ATMOSPHERIC PRESSURE AT FIXED HOURS CORRECTED TO "Hp" AND TO MEAN SEA LEVEL

JANUARY 1962

District	Station	Altitude of Hp (metres)	Station Pressure (mb.) (corrected to Hp.) 0000 U.T. Mean	Dev. from normal	0600 U.T. Mean	Dev. from normal	1200 U.T. Mean	Dev. from normal	1800 U.T. mean	Dev. from normal	Altitude of the barometer cistern (metres)	Mean Sea Level Pressure (mb) (corrected to M.S.L.) 0000 U.T. Mean	Dev. from normal	0600 U.T. Mean	Dev. from normal	1200 U.T. Mean	Dev. from normal	1800 U.T. Mean	Dev. from normal
Mediterranean	Sallum	6.0	1016.6	— 0.4	1016.8	— 0.3	1015.7	— 0.1	1016.7	+ 0.2	5.2	1017.2	— 0.3	1017.3	— 0.3	1016.2	— 0.1	1017.2	+ 0.2
	Sidi Barrani	23.3	1013.8	— 0.3	1014.1	— 0.4	1013.1	— 0.5	1014.0	— 0.2	23.3	1016.6	— 0.3	1016.9	— 0.4	1015.9	— 0.5	1016.8	— 0.2
	Mersa Matruh (A)	30.0	1013.5	0.0	1013.7	— 0.2	1012.6	— 0.3	1013.6	— 0.1	30.0	1017.2	0.0	1017.4	— 0.2	1016.3	— 0.3	1017.3	— 0.1
	Dabaa	18.0	1013.9	—	1014.5	—	1013.5	—	1014.4	—	17.8	1015.9	—	1016.5	—	1015.5	—	1016.4	—
	Dekheila (A)	6.0	1017.0	—	1017.3	—	1016.1	—	1017.1	—	5.9	1017.6	—	1017.9	—	1016.7	—	1017.7	—
	Alexandria (A)	7.0	1016.4	— 0.2	1016.8	— 0.2	1015.6	— 0.4	1016.7	— 0.2	6.8	1017.2	— 0.2	1017.6	— 0.2	1016.4	— 0.4	1017.5	— 0.2
	Balteam	2.2	1017.0	—	1017.6	—	1016.0	—	1017.4	—	2.2	1017.2	—	1017.8	—	1016.2	—	1017.6	—
	Damietta	3.8	1016.7	—	1017.1	— 0.7	1015.7	— 0.7	1016.9	— 0.3	3.8	1017.1	—	1017.5	— 0.7	1016.1	— 0.7	1017.3	— 0.3
	Port Said (A)	6.1	1016.4	— 0.2	1017.0	— 0.2	1015.7	— 0.3	1016.8	— 0.1	6.1	1017.1	— 0.2	1017.7	— 0.2	1016.4	— 0.3	1017.5	— 0.1
	El Arish	17.1	1015.5	— 0.2	1016.2	+ 0.1	1014.8	— 0.1	1015.9	0.0	17.1	1017.4	— 0.2	1018.1	+ 0.1	1016.7	— 0.1	1017.8	0.0
	Ghazza	15.7	1015.5	—	1016.1	—	1014.8	—	1015.9	—	15.7	1017.4	—	1018.0	—	1016.7	—	1017.8	—
Lower Egypt	Mansoura	4.0	1017.5	—	1017.8	0.0	1016.2	— 0.2	1017.4	— 0.1	3.6	1017.9	—	1018.2	0.0	1016.6	— 0.2	1017.8	— 0.1
	Damanhour	4.3	1017.4	—	1017.4	—0.5	1016.3	— 0.4	1017.3	— 0.1	4.3	1018.0	—	1018.0	— 0.6	1017.0	— 0.4	1018.0	0.0
	Ginmeiza	8.9	1016.3	—	1017.0	—0.5	1015.8	— 0.5	1016.3	— 0.8	8.9	1017.3	—	1018.0	— 0.2	1016.8	— 0.5	1017.3	— 0.8
	Tanta	14.8	1015.7	—	1016.1	—1.1	1014.6	— 0.9	1016.1	— 0.5	15.4	1017.4	—	1017.8	— 1.1	1016.3	— 0.9	1017.8	— 0.5
	Tahrir	17.8	1015.1	—	1015.6	—	1014.3	—	1015.3	—	16.0	1017.3	—	1017.8	—	1016.5	—	1017.5	—
	Shebin El Kom	13.1	1016.0	—	1016.7	— 0.5	1015.0	— 0.6	1016.2	— 0.4	13.8	1017.5	—	1018.2	— 0.5	1016.4	— 0.6	1017.7	— 0.4
	Zagazig	10.0	1016.2	—	1016.9	— 0.6	1015.3	— 0.3	1016.7	0.0	10.0	1017.8	—	1018.5	— 0.6	1016.9	— 0.3	1018.3	0.0
	Abu Sueir (A)	16.0	1016.1	—	1017.0	—	1015.0	—	1016.5	—	16.0	1018.1	—	1019.0	—	1016.9	—	1018.5	—
	Zaher (A)	23.5	1013.0	—	1013.7	—	1012.2	—	1013.0	—	23.5	1016.8	—	1017.5	—	1015.9	—	1016.7	—
	Wadi Et Natrun	0.9	1018.4	—	1018.9	+ 0.3	1017.4	+ 0.5	1018.5	+ 0.7	0.9	1018.5	—	1019.0	+ 0.3	1017.5	+ 0.5	1018.6	+ 0.7
	Inshas	25.5	1013.3	—	1013.9	—	1012.3	—	1013.5	—	25.5	1016.5	—	1017.0	—	1015.4	—	1016.6	—
	Fayed (A)	22.5	1015.7	—	1016.3	—	1014.5	—	1016.0	—	22.5	1018.3	—	1018.9	—	1017.1	—	1018.6	—
	Kabrit (A)	7.6	1016.3	—	1017.3	—	1015.4	—	1016.8	—	7.6	1017.7	—	1018.7	—	1016.7	—	1018.2	—

Table A 1 (*contd.*).—**MONTHLY MEAN VALUES OF ATMOSPHERIC PRESSURE AT FIXED HOURS CORRECTED TO "Hp" AND TO MEAN SEA LEVEL.**

JANUARY 1962

District	Station	Altitude of Hp (metres)	Station Pressure (mb.) (corrected to Hp.) 0000 U.T. Mean	0000 U.T. Dev. from normal	0600 U.T. Mean	0600 U.T. Dev. from normal	1200 U.T. Mean	1200 U.T. Dev. from normal	1800 U.T. Mean	1800 U.T. Dev. from normal	Altitude of the barometer cistern (metres)	Mean Sea Level Pressure (mb) (corrected to M.S.L.) 0000 U.T. Mean	0000 U.T. Dev. from normal	0600 U.T. Mean	0600 U.T. Dev. from normal	1200 U.T. Mean	1200 U.T. Dev. from normal	1800 U.T. Mean	1800 U.T. Dev. from normal
Cairo Area	Cairo (A)	74.5	1009.7	— 0.5	1010.4	— 0.3	1008.9	— 0.6	1009.9	— 0.3	74.0	1017.6	— 0.5	1018.3	— 0.4	1016.6	— 0.6	1017.8	— 0.3
	Mostafa Helmi (A)	164.0	997.7	—	998.1	—	996.8	—	997.9	—	164.0	1017.3	—	1017.8	—	1016.0	—	1017.4	—
	Almaza)A)	78.5	1007.9	— 0.5	1008.6	— 0.7	1007.0	— 0.8	1008.1	— 0.7	78.6	1017.4	— 0.6	1018.0	— 0.8	1016.2	— 0.9	1017.5	— 0.7
	Abbasiya (H.Q.)	26.4	1015.4	—	1016.0	—	1014.4	—	1015.4	—	26.4	1017.5	—	1018.3	—	1016.6	—	1017.6	—
	Imbaba (A)	19.0	1015.5	—	1016.3	—	1014.4	—	1015.6	—	19.0	1017.6	—	1018.4	—	1016.5	—	1017.7	—
	Giza	22.5	1014.9	—	1015.6	— 0.8	1013.9	— 0.7	1014.9	— 0.7	22.5	1017.7	—	1018.4	— 0.8	1016.7	— 0.7	1017.7	— 0.7
	Helwan	140.7	1001.0	—	1001.8	— 0.3	1000.2	— 0.1	1001·2	— 0.1	140.7	1018.4	—	1019.2	— 0.2	1017.1	0.0	1018.4	0.0
Upper Egypt	Fayoum	23.3	1015.2	—	1016.2	+ 0.3	1014.1	+ 0.3	1015.1	+ 0.3	23.3	1018.3	—	1019.3	+ 0.3	1017.0	+ 0.2	1018.2	+ 0.4
	Beni Suef	30.4	1014.5	—	1015.4	— 0.2	1013.4	— 0.1	1014.4	0.0	30.0	1018.1	—	1019.1	— 0.2	1016.9	0.0	1017.9	— 0.1
	Minya (A)	40.5	1013.1	— 0.6	1014.1	— 0.1	1012.1	— 0.5	1012.8	— 0.7	40.3	1018.1	— 0.7	1019.2	— 0.1	1016.9	— 0.5	1017.7	— 0.7
	Mangabad (A)	69.6	1010.5	+ 0.7	1011.3	0.0	1009.1	+ 0.2	1010.1	+ 0.3	69.5	1019.0	+ 0.6	1019.8	— 0.1	1017.3	+ 0.2	1018.5	+ 0.3
	Nag Hammadi	70.6	1009.2	—	1010.6	— 0.5	1008.3	— 0.3	1009.1	— 0.5	70.0	1017.7	—	1019.1	— 0.5	1016.5	— 0.4	1017.5	— 0.5
	Kena	79.5	1009.0	—	1010.3	— 0.1	1007.8	+ 0.3	1008.6	0.0	79.5	1017.9	—	1019.3	— 0.1	1016.5	+ 0.4	1017.5	+ 0.1
	Luxor (A)	88.5	1007.0	— 0.1	1008.3	— 0.2	1005.8	— 0.2	1006.9	+ 0.2	88.4	1017.5	— 0.3	1018.9	— 0.2	1015.9	— 0.3	1017.4	+ 0.2
	Kom Ombo	102.6	1004.9	—	1006.4	—	1003.6	—	1004.8	—	102.6	1017.4	—	1018.8	—	1015.5	—	1017.1	—
	Aswan (A)	193.5	993.7	—	995·2	+ 0.1	992.7	— 0.8	993.8	— 0.4	193.5	1017.1	—	1018.6	0.0	1015.0	— 0.9	1016.7	— 0.3
Western Desert	Siwa	—13.5	1020.3	— 0.2	1020.9	— 0.4	1019.5	— 0.2	1020.1	— 0.1	—13.3	1018.4	— 0.2	1019.0	— 0.4	1017.8	— 0.2	1018.4	— 0.1
	Bahariya	129.5	1002.5	—	1003.2	— 0.7	1001.5	— 0.7	1002.3	— 0.5	129.6	1018.5	—	1019.2	— 0.6	1016.8	— 0.8	1018.0	— 0.6
	Farafra	91.8	1010.0	0.0	1010.5	— 0.3	1009.2	— 0.2	1009.5	- 0.3	92.1	1020.7	+ 0.1	1021.4	- 0.3	1019.6	— 0.1	1020.1	— 0.2
	Dakhla	111.5	1003.9	—	1005.2	0.0	1003.1	+ 0.1	1003.7	— 0.3	111.5	1017.6	—	1018.9	0.0	1016.1	+ 0.1	1017.0	— 0.2
	Kharga	72.8	1009.2	—	1010.3	— 1.1	1008.3	— 1.1	1009.1	— 1.1	73.0	1018.8	—	1019.0	— 1.2	1016.5	— 1.3	1017.7	— 1.1
Red Sea	Suez	11.0	1016.3	—	1017.0	— 0.5	1015.6	— 0.7	1016.5	— 0.1	12.2	1017.5	—	1018.2	— 0.5	1016.8	— 0.7	1017.7	— 0.1
	Abu Redes	4.0	1016.5	—	1017.9	—	1015.9	—	1017.1	—	4.0	1016.9	—	1018.3	—	1016.3	—	1017.5	—
	Tor	4.2	1016.4	—	1017.3	— 0.2	1015.5	— 0.3	1016.5	+ 0.1	4.2	1016.8	—	1017.7	— 0.2	1015.9	— 0.3	1016.9	+ 0.1
	Hurghada	2.8	1016.7	+ 0.8	1017.8	+ 0.4	1015.7	+ 0.2	1017.1	+ 0.7	2.8	1016.9	+ 0.8	1018.0	+ 0.4	1015.9	+ 0.2	1017.3	+ 0.7
	Quseir	10.8	1015.2	—	1016.3	— 0.4	1014.6	— 0.5	1015.8	0.0	9.5	1016.2	—	1017.3	— 0.4	1015.6	— 0.5	1016.8	0.0
	Abul Kizan	5.0	1016.3	—	1016.8	—	1015.5	—	1016.2	—	5.0	1016.8	—	1017.4	—	1016.0	—	1016.8	—

Table A 2.—MONTHLY MEAN VALUES OF THE DRY BULB AND WET BULB TEMPERATURES, AND THE RELATIVE HUMIDITY AT FIXED HOURS

JANUARY 1962

District	Station	Dry bulb temperature (°C)								Wet bulb temperature (°C)								Relative humidity %							
		0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.		0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.		0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.	
		Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal
Mediterranean	Sallum	12.8	+ 0.9	11.6	+ 0.5	18.4	+ 0.6	15.3	+ 1.0	10.7	+ 2.0	9.9	+ 1.4	13.2	+ 1.1	12.1	+ 1.5	76	+14	80	+12	52	+ 5	66	+ 6
	Sidi Barrani	11.6	+ 1.0	11.2	+ 1.4	17.7	+ 0.5	14.1	+ 0.9	9.9	+ 1.6	9.7	+ 1.7	13.2	+ 0.9	11.6	+ 1.2	80	+11	81	+ 7	57	+ 3	73	+ 5
	Mersa Matruh (A)	11.1	+ 0.8	11.3	+ 1.4	18.3	+ 1.1	13.3	+ 0.9	9.5	+ 1.4	9.5	+ 1.5	12.8	+ 0.8	10.9	+ 1.2	80	+ 8	78	+ 4	49	— 1	73	+ 4
	Dabaa	10.6	—	10.8	+ 0.4	18.4	+ 0.8	13.1	+ 0.1	8.8	—	8.8	+ 0.6	13.0	+ 0.8	10.7	+ 0.6	77	—	75	+ 3	50	+ 1	73	+ 6
	Dekheila (A)	12.7	—	12.0	—	18.3	—	14.8	—	10.2	—	9.7	—	13.5	—	11.7	—	71	—	73	—	55	—	67	—
	Alexandria (A)	12.3	+ 0.8	12.3	+ 0.9	19.0	+ 1.2	13.9	+ 0.6	10.9	+ 1.2	10.7	+ 1.1	14.4	+ 1.5	12.0	+ 1.0	85	+ 8	82	+ 4	58	+ 4	79	+ 5
	Balteam	13.7	—	13.7	—	18.5	—	14.7	—	11.8	—	11.6	—	14.5	—	12.8	—	79	—	77	—	62	—	80	—
	Damietta	11.3	—	10.8	— 0.4	18.9	+ 1.9	13.2	+ 0.3	10.4	—	10.0	+ 0.2	14.6	+ 1.6	11.9	+ 0.6	89	—	90	+ 7	60	— 1	86	+ 4
	Port Said (A)	14.1	+ 1.0	13.5	+ 0.8	17.6	+ 0.8	15.5	+ 1.1	12.3	+ 0.5	11.7	+ 0.9	13.9	+ 0.8	13.2	+ 1.0	80	+ 1	80	+ 3	64	+ 2	76	+ 1
	El Arish	11.8	+ 1.3	12.5	+ 1.3	18.8	+ 1.2	14.2	+ 1.0	10.4	+ 1.4	10.6	+ 1.7	14.5	+ 1.7	12.4	+ 1.5	84	+ 6	78	+ 5	60	+ 4	80	+ 6
	Ghazza	12.1	—	12.1	—	17.3	—	14.9	—	10.2	—	10.0	—	13.8	—	12.4	—	78	—	75	—	66	—	73	—
Lower Egypt	El Sirw	11.9	—	11.4	+ 0.3	18.2	+ 0.4	13.0	+ 0.4	—	—	10.5	+ 0.8	14.1	+ 0.1	11.9	+ 1.0	—	—	91	+ 8	61	— 2	88	+ 7
	Sakha	11.9	—	12.0	+ 2.4	19.1	+ 0.9	12.3	+ 2.2	—	—	10.7	+ 2.2	15.2	+ 1.9	10.9	+ 2.0	—	—	85	— 1	63	+ 9	85	0
	Mansoura	8.8	—	9.9	+ 0.2	18.4	+ 0.2	12.2	— 0.5	8.0	—	8.9	+ 0.6	13.9	+ 0.7	10.6	0.0	89	—	87	+ 5	58	+ 4	82	+ 8
	Damanhour	11.4	—	11.5	+ 1.7	18.8	+ 1.2	13.2	+ 1.0	—	—	10.3	+ 1.9	14.1	+ 0.4	11.4	+ 1.2	—	—	83	+ 5	57	0	80	+ 3
	Gimmeiza	8.3	—	11.4	+ 1.6	19.4	+ 1.1	13.0	+ 1.7	—	—	10.5	+ 1.7	15.5	+ 1.5	11.8	+ 1.7	—	—	89	+ 2	64	+ 5	87	+ 2
	Tanta	10.1	—	9.7	+ 0.1	18.7	— 0.1	12.9	+ 1.0	8.7	—	8.2	— 0.1	13.9	+ 0.2	10.9	+ 0.9	82	—	80	— 3	56	+ 3	77	0
	Tahrir	11.0	—	10.6	—	19.1	—	14.1	—	9.5	—	9.2	—	12.8	—	11.2	—	81	—	83	—	44	—	68	—
	Shebin El Kom	10.1	—	9.1	— 0.3	19.7	+ 0.7	13.3	+ 0.9	8.5	—	7.8	+ 0.2	14.5	+ 1.4	11.1	+ 1.3	80	—	83	+ 7	54	+ 7	75	+ 5
	Zagazig	11.4	—	10.4	+ 0.8	19.3	+ 0.6	14.3	+ 2.0	—	—	9.1	+ 0.7	14.2	+ 0.2	12.2	+ 1.6	—	—	84	0	54	— 3	77	— 3
	Abu Suelr (A)	10.5	—	10.9	—	19.7	—	14.0	—	9.1	—	9.4	—	13.3	—	11.3	—	82	—	82	—	44	—	70	—
	Zaher (A)	10.9	—	11.1	—	18.8	—	14.4	—	9.5	—	9.6	—	13.2	—	11.8	—	83	—	81	—	49	—	72	—
	Wadi El Natrun	11.3	—	10.9	+ 0.7	19.9	+ 0.7	14.2	— 0.4	9.3	—	8.3	+ 0.8	12.8	+ 0.6	10.8	— 0.1	76	—	75	+ 2	39	— 3	63	+ 3
	Inshas	11.5	—	11.1	—	19.0	—	14.6	—	9.4	—	9.1	—	13.2	—	11.6	—	75	—	75	—	48	—	68	—
	Fayed (A)	11.3	—	12.3	—	19.6	—	14.2	—	9.5	—	10.2	—	13.8	—	11.4	—	78	—	75	—	49	—	69	—
	Kabrit (A)	11.5	—	12.0	—	19.4	—	14.7	—	9.3	—	9.8	—	13.4	—	11.5	—	74	—	74	—	47	—	66	—
Cairo Area	Cairo (A)	12.2	+ 0.9	11.8	+ 1.0	18.6	+ 0.2	15.0	+ 1.0	9.8	+ 1.0	9.5	+ 1.3	12.5	+ 0.4	11.3	+ 1.0	72	+ 3	73	+ 5	45	+ 2	61	+ 1
	Mostafa Helmi (A)	11.0	—	10.2	—	18.3	—	14.1	—	9.2	—	8.5	—	12.2	—	10.8	—	77	—	77	—	44	—	65	—
	Almaza (A)	12.0	+ 0.8	11.6	+ 0.9	19.2	+ 0.9	14.9	+ 1.0	9.3	+ 0.7	8.9	+ 0.7	13.0	+ 0.9	11.1	+ 0.9	68	— 1	68	0	45	+ 2	60	+ 1
	Abbasiya (HQ)	12.2	—	11.6	—	19.7	—	15.1	—	10.2	—	9.7	—	13.5	—	11.8	—	76	—	77	—	46	—	65	—
	Imbaba (A)	10.3	—	10.1	—	19.5	—	13.6	—	8.6	—	8.3	—	13.7	—	11.1	—	78	—	76	—	49	—	72	—
	Giza	10.5	—	10.3	+ 1.3	18.8	0.0	13.8	+ 1.7	9.0	—	8.8	+ 1.2	12.8	+ 0.2	10.8	+ 1.1	81	—	81	0	46	+ 1	67	— 5
	Helwan	11.3	—	11.0	+ 0.9	18.3	+ 0.6	14.4	+ 0.5	8.9	—	8.7	+ 1.1	12.3	+ 1.1	10.6	+ 1.0	71	—	71	+ 3	45	+ 5	59	+ 5

Table A 2. (*Contd.*)—**MONTHLY MEAN VALUES OF THE DRY BULB AND WET BULB TEMPERATURES, AND THE RELATIVE HUMIDITY AT FIXED HOURS.**

JANUARY 1962

District	Station	Dry bulb temperature (°C)								Wet bulb temperature (°C)								Relative humidity %							
		0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.		0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.		0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.	
		Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal
Upper Egypt	Fayoum	10.8	—	10.0	+ 0.7	20.2	+ 0.9	14.3	+ 1.6	8.7	—	8.3	+ 1.2	13.8	+ 1.2	11.1	+ 1.5	73	—	78	+ 6	45	+ 3	65	+ 1
	Beni Suef	9.9	—	9.5	+ 0.2	20.5	+ 0.2	13.7	+ 1.2	7.6	—	7.2	+ 0.6	14.1	+ 1.0	10.6	+ 1.1	70	—	70	+ 6	45	+ 6	66	+ 1
	Seds	9.2	—	9.2	—	20.2	—	12.8	—	—	—	8.1	—	14.3	—	10.6	—	—	—	86	—	48	—	75	—
	Minya (A)	8.0	+ 1.3	8.1	+ 1.1	20.3	+ 0.2	13.0	+ 1.2	6.6	+ 2.1	7.0	+ 1.8	13.6	+ 1.1	10.2	+ 2.0	80	11	85	+12	43	+ 7	68	+10
	Mallawi	7.0	—	6.7	—	20.8	—	11.5	—	—	—	6.0	—	14.1	—	9.7	—	—	—	90	—	44	—	78	—
	Mangabad (A)	10.8	+ 0.8	9.2	+ 0.2	20.2	+ 0.5	14.8	+ 0.6	7.0	+ 0.5	6.2	+ 0.3	12.6	+ 0.9	9.6	+ 0.8	54	— 2	61	+ 1	36	+ 4	47	+ 4
	Shandaweel	9.5	—	9.8	— 0.2	21.5	+ 0.4	13.1	+ 0.9	—	—	8.2	+ 0.1	14.7	+ 0.3	11.0	+ 0.8	—	—	79	+ 4	44	0	76	— 1
	Nag Hammadi	13.4	—	12.0	+ 1.8	21.4	+ 1.2	14.5	+ 1.8	—	—	9.7	+ 2.0	15.0	+ 2.1	12.1	+ 2.0	—	—	73	+ 5	46	+ 8	74	+ 4
	Kena	11.0	—	11.9	+ 1.5	21.8	+ 0.6	14.6	+ 0.5	—	—	9.2	+ 1.3	14.9	+ 1.1	11.3	+ 0.9	—	—	68	— 1	43	+ 4	64	+ 4
	Luxor (A)	10.1	+ 1.1	11.1	+ 0.6	22.0	— 0.1	14.4	— 0.3	7.5	+ 1.2	7.9	+ 0.5	14.1	— 0.4	10.7	+ 0.7	67	+ 7	61	— 2	37	— 3	60	+ 3
	Kom Ombo	10.0	—	12.7	—	23.7	—	15.8	—	7.2	—	9.2	—	14.1	—	10.7	—	64	—	60	—	28	—	49	—
	Aswan (A)	11.3	—	11.9	— 0.8	22.7	0.0	16.9	— 0.8	7.3	—	7.9	— 0.6	12.9	+ 0.7	9.9	— 0.7	52	—	54	+ 2	25	— 2	34	— 1
Western Desert	Siwa	9.5	+ 1.5	7.8	+ 1.2	19.2	+ 0.7	13.6	+ 1.0	7.2	+ 1.3	6.1	+ 1.5	12.4	+ 0.8	9.6	+ 1.1	70	— 1	76	+ 5	40	+ 2	56	+ 3
	Bahariya	9.9	—	8.2	— 1.2	20.1	+ 1.5	14.4	+ 2.1	7.5	—	6.3	— 0.5	12.7	+ 0.7	9.8	+ 1.2	69	—	74	+ 8	37	— 4	51	— 6
	Farafra	9.6	—	7.4	— 0.5	19.8	+ 0.1	13.9	+ 0.7	6.0	—	4.9	— 0.3	11.7	— 0.6	8.3	— 0.3	54	—	65	+ 3	31	— 5	41	— 8
	Dakhla	7.6	—	6.7	— 1.2	20.9	+ 0.5	13.7	— 0.9	4.3	—	3.8	— 0.8	12.1	+ 0.1	8.3	— 0.2	56	—	58	+ 2	28	— 2	42	+ 4
	Kharga	8.7	—	10.5	— 0.0	22.5	+ 1.4	13.5	— 1.1	5.9	—	7.4	+ 0.1	14.2	+ 0.4	9.3	— 0.2	63	—	62	+ 1	35	— 4	54	+ 7
Red Sea	Suez	14.0	—	12.6	+ 0.3	19.0	+ 0.3	15.8	+ 1.0	—	—	11.2	+ 1.4	14.4	+ 1.6	12.9	+ 1.8	—	—	85	+14	58	+12	69	+ 8
	Abu Redes	14.0	—	14.8	—	19.7	—	16.8	—	10.7	—	11.1	—	14.2	—	12.4	—	64	—	61	—	51	—	57	—
	Tor	13.0	—	13.3	+ 0.5	20.3	+ 0.4	16.8	+ 0.7	9.5	—	9.6	+ 0.2	14.5	— 0.5	11.9	+ 0.1	61	—	59	— 2	50	— 6	52	— 5
	Hurghada	12.4	+ 0.4	13.4	— 0.5	21.1	+ 1.4	16.8	+ 0.6	9.2	+ 0.6	9.9	+ 0.5	14.2	0.0	12.4	+ 0.5	63	+ 2	61	+ 9	42	+ 9	57	0
	Quseir	15.6	—	16.8	— 0.3	21.5	+ 0.1	18.1	— 0.4	11.6	—	12.0	— 0.2	15.4	— 0.7	13.8	— 0.3	59	—	53	0	49	— 6	59	0
	Abul Kizan	21.1	—	22.4	— 0.1	23.2	0.0	21.6	— 0.2	—	—	17.3	— 0.4	18.1	— 0.9	17.1	— 1.1	—	—	57	—11	59	— 6	62	— 7

Table A 3.—MONTHLY MEAN DAILY VALUES OF THE ATMOSPHERIC PRESSURE, AIR TEMPERATURES AND THE RELATIVE HUMIDITY

JANUARY 1962

District	Station	Atmospheric pressure (mb.)					Air temperature (°C)											Relative humidity%		
		Derivation of the mean values a, b, c, d	Station Pressure Corrected to Hp		M.S.L. Pressure		Maximum (A)		Minimum (B)		(A+B)/2	Dry bulb			Wet bulb			Derivation of the mean values a,b,c,d,e	Mean	Dev, from normal
			Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal		Deriv. of the mean values a, b, c, d,	Mean	Dev. from normal	Deriv. of the mean values a, b, c, d,	Mean	Dev, from normal			
MEDITERRANEAN	Sallum	a	1016.5	— 0.1	1017.0	— 0.1	19.2	+ 0.2	10.8	+ 2.1	15.0	a	14.8	+ 1.4	a	11.7	+ 1.7	a	67	+ 5
	Sidi Barrani	a	1013.8	— 0.4	1016.4	— 0.4	18.5	+ 0.5	9.8	+ 1.6	14.2	a	13.9	+ 0.9	a	11.3	+ 1.4	a	71	+ 7
	Mersa Matruh (A)	a	1013.4	— 0.3	1017.1	— 0.3	19.1	+ 1.0	9.6	+ 1.4	14.4	a	13.8	+ 1.0	a	10.9	+ 1.2	a	68	+ 4
	Dabaa	a	1014.1	—	1016.1	—	19.2	+ 0.4	8.9	+ 1.9	14.0	a	13.5	+ 1.5	a	10.5	+ 1.1	a	66	— 4
	Dekheila (A)	a	1016.9	—	1017.5	—	19.0	—	10.7	—	14.8	a	14.6	—	a	11.4	—	a	65	—
	Alexandria (A)	a	1016.4	— 0.7	1017.2	— 0.7	19.9	+ 0.6	9.9	+ 0.6	14.9	a	14.4	+ 0.8	a	12.1	+ 1.2	a	75	+ 6
	Balteam	a	1017.0	—	1017.2	—	19.1	—	12.4	—	15.8	a	15.2	—	a	12.8	—	a	74	—
	Damietta	a	1016.6	— 0.7	1017.0	— 0.7	20.1	+ 1.5	9.4	+ 1.1	14·8	a	13.8	+ 1.4	a	11.9	+ 1.1	a	79	— 3
	Port Said (A)	a	1016.5	— 0.2	1017.2	— 0.2	18.8	+ 0.8	12.5	+ 1.2	15.6	a	15.2	+ 1.0	a	12.8	+ 1.0	a	74	+ 1
	El Arish	a	1015.6	+ 0.1	1017.5	+ 0.1	20.1	+ 0.8	10.1	+ 1.8	15.1	a	14.4	+ 1.5	a	12.1	+ 1.6	a	75	+ 5
	Ghazza	a	1015.6	—	1017.5	—	18.1	—	10.4	—	14.2	a	14.2	—	a	11.8	—	à	74	—
LOWER EGYPT	El Sirw	—	—	—	—	—	19.8	+ 0.6	8.3	+ 1.0	14.0	c	13.6	+ 1.4	c	12.7	+ 2.1	e	90	+ 8
	Sakha	—	—	—	—	—	19.7	+ 0.5	8.1	+ 2.0	13.9	c	13.6	+ 3.6	c	12.2	+ 2.4	e	85	— 1
	Mansoura	a	1017.2	0.0	1017.6	0.0	19.4	+ 0.4	6.4	+ 0.7	12.9	a	12.6	+ 0.7	a	10.5	+ 0.4	a	76	— 3
	Damanhour	c	1017.1	— 0.2	1017.8	— 0.2	20.4	+ 0.8	8.8	+ 1.0	14.6	c	13.7	+ 1.9	c	12.2	+ 2.2	e	83	+ 4
	Gimmeiza	c	1016.4	— 0.6	1017.4	— 0.6	20.3	+ 0.9	6.5	+ 1.0	13.4	c	13.0	+ 1.8	c	11.9	+ 1.8	e	88	+ 2
	Tanta	a	1015.6	— 0.9	1017.3	— 0.9	19.8	0.0	7.9	+ 1.9	13.8	a	13.2	+ 1.6	a	10.7	+ 0.7	a	72	— 8
	Tahrir	a	1015 1	—	1017.3	—	20.3	—	9.0	—	14.6	a	13.9	—	a	10.8	—	a	66	—
	Shebin El Kom	a	1015.9	— 0.6	1017.4	— 0.6	20.6	+ 0.4	7.8	+ 1.0	14.2	a	13.4	+ 1.5	a	10.8	+ 1.2	a	71	— 2
	Zagazig	a	1016.3	— 0.3	1017.9	— 0.3	20.4	+ 0.3	8.6	+ 2.6	14.5	a	13.8	+ 2.4	a	12.0	+ 2.1	a	80	— 2
	Abu Sueir (A)	a	1016.2	—	1018.2	—	20.9	—	8.6	—	14.8	a	14.0	—	a	10.9	—	a	66	—
	Zaher (A)	a	1013.0	—	1016.7	—	19.4	—	9.1	—	14.2	a	13.9	—	a	11.1	—	a	69	—
	Wadi El Natrun	a	1018.3	+ 0.5	1018.4	+ 0.5	21.1	+ 0.5	8.4	+ 1.2	14.8	a	14.4	+ 1.6	a	10.7	+ 0.9	a	60	— 6
	Inshas	a	1013.3	—	1016.4	—	19.8	—	9.6	—	14.7	a	14.2	—	a	11.0	—	a	65	—
	Fayed (A)	a	1015.6	—	1018.2	—	20.7	—	8.9	—	14.8	a	14.5	—	a	11.3	—	a	65	—
	Kabrit (A)	a	1016.4	—	1017.8	—	20.2	—	9.7	—	10.0	a	15.0	—	a	11.3	—	a	61	—

a = the 24 hours mean, b = 8 synoptic hours mean. c = 4 main synoptic hours mean.
d = 06, 12 & 18 U.T. hours mean. e = 06 & 18 U.T. hours mean.

Table A 3. (*cont.*)—MONTHLY MEAN DAILY VALUES OF THE ATMOSPHERIC PRESSURE, AIR TEMPERATURES AND THE RELATIVE HUMIDITY

JANUARY 1962

District	Station	Atmospheric pressure (mb.)					Air temperature (°C)										Relative humidity%		
		Derivation of the mean values a, b, c, d	Station Pressure corrected to Hp		M.S.L. Pressure		Maximum (A)		Minimum (B)		(A+B)/2	Dry bulb			Wet bulb			Derivation of the mean values a,b,c,d,e	Mean	Dev. from normal
			Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal		Deriv. of the mean values, a, b, c, d,	Mean	Dev. from normal	Deriv. of the mean values a, b, c, d,	Mean	Dev. from normal			
CAIRO AREA	Cairo (A)	a	1009.7	— 0.4	1017.6	— 0.4	19.3	0.0	10.3	+ 1.5	14.8	a	14.5	+ 0.8	a	10.9	+ 0.9	a	61	+ 2
	Mostafa Helmi (A)	a	997.4	—	1017.2	—	18.9	—	9.0	—	14.0	a	13.6	—	a	10.2	—	a	62	—
	Almaza (A)	a	1007.9	— 0.6	1017.4	— 0.7	20.0	+ 0.6	10.1	+ 1.5	15.0	a	14.5	+ 0.7	a	10.6	+ 0.8	a	58	+ 1
	Abbassiya (H.Q.)	a	1015.4	—	1017.6	—	20.8	—	9.9	—	15.4	a	14.8	—	a	11.4	—	a	64	—
	Imbaba A)	a	1015.5	—	1017.6	—	20.6	—	9.1	—	14.8	a	13.6	—	a	10.6	—	a	67	—
	Giza	a	1014.9	— 0.6	1017.7	— 0.6	20.2	+ 0.6	8.1	+ 0.4	14.2	a	13.5	+ 2.1	a	10.5	+ 1.1	a	66	—10
	Helwan	a	1001.1	— 0.1	1018.3	— 0.1	19.1	+ 0.4	9.2	+ 0.9	14.2	a	13.8	+ 1.1	a	10.2	+ 1.0	a	60	0
UPPER EGYPT	Fayoum	a	1015.1	+ 0.3	1018.2	+ 0.4	21.4	+ 1.2	8.2	+ 2.0	14.8	a	14.2	+ 2.3	a	10.8	+ 1.6	a	63	— 5
	Beni Suef	a	1014.4	— 0.1	1018.0	— 0.1	20.9	0.0	7.6	+ 2.9	14.2	a	13.7	+ 1.9	a	10.1	+ 1.4	a	60	— 4
	Seds	—	—	—	—	—	21.8	+ 0·5	6.1	+ 2.1	14.0	c	12.8	+ 2.0	c	11.0	+ 1.9	e	80	+ 1
	Minya (A)	a	1013.0	— 0.9	1018.0	— 0.9	21.7	+ 1.1	4.8	+ 0.9	13.2	a	12.7	+ 0.9	a	9.5	+ 1.4	a	63	+ 6
	Mallawi	—	—	—	—	—	22.4	—	4.0	—	13.2	c	11.5	—	c	10.2	—	e	84	—
	Mangabad (A)	a	1010.3	0.0	1018.7	0.0	21.0	+ 0.2	7.5	+ 1.1	14.2	a	14.0	+ 0.6	a	9.1	+ 0.6	a	48	+ 1
	Shandaweel	—	—	—	—	—	23.0	+ 0.5	6.1	+ 1.0	14.6	c	13.5	+ 0.3	c	11.6	+ 0.5	e	78	+ 2
	Nag Hammadi	c	1009.3	— 0.5	1017.7	— 0.5	22.5	+ 1.0	6.9	+ 1.7	14.7	c	15.3	+ 3.2	c	12.9	+ 3.4	e	74	+ 5
	Kena	c	1008.9	+ 0.1	1017.8	+ 0.2	23.9	+ 1.4	8.0	+ 1.2	16.0	c	14.8	+ 1.7	c	11.6	+ 1.7	e	66	+ 2
	Luxor (A)	a	1007.0	+ 0.1	1017.5	+ 0.1	23.4	+ 0.1	6.6	+ 1.2	15.0	a	14.7	+ 1.1	a	10.3	+ 0.9	a	53	— 5
	Kom Ombo	a	1004.9	—	1017.2	—	24.9	—	7.3	—	16.1	a	15.4	—	a	10.1	—	a	46	—
	Aswan (A)	a	993.9	+ 0.2	1016.9	0.0	23.8	0.0	8.3	— 0.1	16.0	a	15.8	+ 0.2	a	9.6	— 0.4	a	39	— 5
WESTERN DESERT	Siwa	a	1020.3	— 0.8	1018.5	— 0.7	20.3	+ 0.9	6.3	+ 1.3	13.3	a	13.0	+ 1.7	a	9.1	+ 1.8	a	56	+ 3
	Bahariya	a	1002.7	— 0.6	1018.1	— 0.7	20.6	+ 0.7	6.2	+ 1.5	13.4	a	13.4	+ 2.2	a	9.4	+ 1.3	a	56	— 6
	Farafra	a	1009.9	— 0.1	1020.5	0.0	20.6	+ 0.2	5.3	+ 1.3	13.0	a	13.1	+ 1.9	a	8.0	+ 1.0	a	44	— 6
	Dakhla	a	1004.0	— 0.1	1017.5	0.0	21.9	+ 0.3	3.9	— 0.8	12.9	a	12.6	+ 0.5	a	7.4	— 0.2	a	42	— 6
	Kharga	a	1009.2	— 1.1	1017.8	— 1.0	23.3	+ 1.1	5.8	0.0	14.6	a	13.9	+ 0.9	a	9.2	+ 0.3	a	50	— 4
RED SEA	Suez	c	1016.4	— 0.5	1017.6	— 0.5	20.7	+ 0.5	9.9	+ 0.9	15.3	c	15.4	+ 1.7	c	13.2	+ 2.6	e	77	+11
	Abu Redes	a	1016.8	—	1017.2	—	20.9	—	11.8	—	16.4	a	16.5	—	a	12.2	—	a	57	—
	Tor	a	1016.5	— 0.1	1016.9	— 0.1	21.8	+ 1.0	10.5	+ 1.0	16.2	a	16.2	+ 1.8	a	11.5	+ 1.0	a	54	— 4
	Hurghada	a	1016.8	+ 0.4	1017.0	+ 0.4	21.6	+ 1.2	10.2	+ 0.5	15.9	a	16.1	+ 0.4	a	11.5	+ 0.4	a	55	+ 1
	Quseir	a	1015.5	— 0.4	1016.5	— 0.4	22.2	— 0.5	14.1	+ 0.3	18.2	a	18.1	+ 0.4	a	13.3	+ 0.3	a	55	— 1
	Abul Kizan	c	1016.2	—	1016.8	—	24.6	+ 0.1	20.3	+ 0.1	22.4	c	22.1	+ 0.2	c	17.3	— 0.9	e	60	— 8

a = the 24 hours mean. b = 8 synoptic hours mean. c = 4 main synoptic hours mean. d = 06, 12 & 18 U.T. hours mean. e = 06 & 18 U.T. hours mean.

TABLE A 4 — MAXIMUM AND MINIMUM AIR TEMPERATURES

JANUARY 1962

District	Station	Maximum temperature (°C)									Minimum temperature (°C)							
		Highest	Date	Lowest	Date	Number of days with maximum temperatnre					Highest	Date	Lowest	Date	Number of days with minimum temperature			
						>25°	>30°	>35°	>40°	>45°					<10°	<5°	<0°	<−5°
Mediterranean	Sallum	26.0	4	14.6	25	1	0	0	0	0	12.9	18	7.8	29	8	0	0	0
	Sidi Barrani	23.4	3	15.2	25	0	0	0	0	0	15.1	20	7.1	31	19	0	0	0
	Mersa Matruh (A)	24.5	4	16.6	10	0	0	0	0	0	12.5	1	7.1	23	21	0	0	0
	Dabaa	23.2	4	17.2	11·25,28	0	0	0	0	0	12.8	20	6.0	23·30	23	0	0	0
	Dekheila (A)	21.3	24	17.0	12	0	0	0	0	0	16.3	1	7.0	31	16	0	0	0
	Alexandria (A)	24.3	24	16.8	12	0	0	0	0	0	14 8	1	4.6	30	15	2	0	0
	Balteam	22.9	24	15.7	12	0	0	0	0	0	16 7	1	10.0	31	0	0	0	0
	Damietta	24.2	24	16.0	26	0	0	0	0	0	13.8	24	6.4	13	22	0	0	0
	Port Said (A)	23.8	24	14.2	26	0	0	0	0	0	15.7	17	10.0	27,30	0	0	0	0
	El Arish	26.1	18	17.1	12	1	0	0	0	0	12.8	1	7.6	18	14	0	0	0
	Ghazza	22.5	24	15.2	26	0	0	0	0	0	12.9	21	8.2	16	11	0	0	0
Lower Egypt	EL Sirw	24.7	24	16.8	11	0	0	0	0	0	12.6	17	4.5	26	26	2	0	0
	Sakha	24.0	24	15.0	7	0	0	0	0	0	11.0	1	4.5	31	27	1	0	0
	Mansoura	24.1	24	16.2	26	0	0	0	0	0	9.4	2	3.2	30	31	9	0	0
	Damanhour	24.9	24	15.2	12	0	0	0	0	0	10.4	1	5.7	16	28	0	0	0
	Gimmeiza	24.0	24, 31	16.0	12,26	0	0	0	0	0	9.0	1, 21	3.5	18	31	7	0	0
	Tanta	24.2	24	15.8	12	0	0	0	0	0	10.3	1	3.9	18	28	2	0	0
	Tahrir	24.3	4	16.5	12	0	0	0	0	0	11.3	21	5.8	18	23	0	0	0
	Shebin El Kom	24.7	24	15.6	12	0	0	0	0	0	10.1	20	2.9	18	28	2	0	0
	Zagazig	25.0	31	15.7	26	0	0	0	0	0	10.8	8, 24	5.5	16	24	0	0	0
	Abu Sueir (A)	25.9	31	16.6	26	3	0	0	0	0	11.6	4	5.3	13,16	23	0	0	0
	Zaher (A)	23.7	24	15.8	26	0	0	0	0	0	12.2	4	5.7	18	22	0	0	0
	Wadi EL Natrun	25.8	24	17.7	10	2	0	0	0	0	10.4	14	6.2	30	27	0	0	0
	Inshas	24.1	31	16.3	28	0	0	0	0	0	13.0	31	5.8	18	16	0	0	0
	Fayed (A)	26.2	24	17.1	10	2	0	0	0	0	12.0	21	4.2	3	19	2	0	0
	Kabrit (A)	25.7	5	16.5	26	1	0	0	0	0	13.0	1, 8	6.3	30	19	0	0	0
Cairo Area	Cairo A)	23.2	24	16.5	12·14·28	0	0	0	0	0	13.0	5	7.5	18	15	0	0	0
	Mostafa Helmi (A	23.6	4	15.7	12	0	0	0	0	0	11.5	1	5.4	18	23	0	0	0
	Almaza (A)	24.3	18	16.9	11·28	0	0	0	0	0	12.4	31	7.5	18	14	0	0	0
	Abbasiya (H.Q)	24.2	24	17.4	28	0	0	0	0	0	12.8	5	6 2	18	14	0	0	0
	Imbaba A)	24.5	24. 31	17.5	26·28	0	0	0	0	0	10.3	1	3.5	23	27	3	0	0
	Giza	23.9	31	17.5	28	0	0	0	0	0	10.4	1	3.8	18	25	3	0	0
	Helwan	23.0	24	16.1	28	0	0	0	0	0	12.4	24	6.5	27	21	0	0	0

TABLE A 4 (*contd.*)—MAXIMUM AND MINIMUM AIR TEMPERATURES

JANUARY 1962

District	Station	Maximum temperature (°C)									Minimum temperature (°C)							
		Highest	Date	Lowest	Date	*Number of days with maximum temperature*					Highest	Date	Lowest	Date	Number of days with minimum temperature			
						>25°	>30°	>35°	>40°	>45°					<10°	<5°	<0°	<— 5°
Upper Egypt	Fayoum	25.9	24	17.5	28	2	0	0	0	0	10.4	1	5.7	13	30	0	0	0
	Beni Suef	25.2	24	16.6	28	1	0	0	0	0	11.3	8	4.4	13,18	28	2	0	0
	Seds	26.0	24	18.0	10	1	0	0	0	0	9.8	28	2.5	16,18	31	10	0	0
	Minya (A)	24.6	24	18.0	28	0	0	0	0	0	8.8	28	1.7	13	31	16	0	0
	Mallawi	27.0	24	19.5	7	3	0	0	0	0	7.2	28	1.2	13	31	24	0	0
	Mangabad (A	26.5	24	17.9	11	1	0	0	0	0	10.7	28	5.0	30	28	0	0	0
	Shandaweel	25.6	24	19.0	26	2	0	0	0	0	8.7	31	3.5	26	31	5	0	0
	Nag Hammadi	25.0	24	19.4	26	0	0	0	0	0	10.0	31	3.8	13	30	2	0	0
	Kena	29.2	18	20.0	26	6	0	0	0	0	12.9	19	4.1	27	27	2	0	0
	Luxor (A)	28.2	18	19.7	26	7	0	0	0	0	11.3	19	3.5	16	29	2	0	0
	Kom Ombo	32.3	18	20.0	13	13	1	0	0	0	12.3	19	4.0	28	25	3	0	0
	Aswan (A)	31.1	18	19.0	13	11	1	0	0	0	13.3	19	5.0	30	27	0	0	0
Western Desert	Siwa	23.2	4,30	16.6	25	0	0	0	0	0	9.9	26	3.2	25	31	11	0	0
	Bahariya	25.1	4	17.2	28	1	0	0	0	0	10.3	5	2.8	30	29	9	0	0
	Farafra	25.0	5	16.2	11	0	0	0	0	0	9.1	28	1.2	30	31	13	0	0
	Dakhla	25.4	18	18.2	11	1	0	0	0	0	9.7	2	0.0	14	31	22	0	0
	Kharga	28.9	18	19.4	12	7	0	0	0	0	10.8	1	2.8	14	29	9	0	0
Red Sea	Suez	24.1	23,25	17.1	14	0	0	0	0	0	13.9	8	6.4	13	19	0	0	0
	Abu Redes	25.1	24	18.3	12	1	0	0	0	0	15.6	2	7.8	27	4	0	0	0
	Tor	24.5	9	19.5	12,26	0	0	0	0	0	15.2	1	6.9	27,30	14	0	0	0
	Hurghada	24.8	18,24	19.7	13	0	0	0	0	0	13.3	1	7.6	27	16	0	0	0
	Quseir	25.0	19	19.6	13	0	0	0	0	0	17.0	19	11.9	13	0	0	0	0
	Abul Kizan	27.9	19	22.7	15	9	0	0	0	0	22.8	19	18.3	27,28	0	0	0	0

TABLE A 5. — RAINFALL AND SNOW DEPTH

JANUARY 1962

District	Station	Rainfall (millimetres)											Snow de (centimet	
		Total amount	Dev. from normal	Maximum fall in one day		Number of days with amount of rain							Maximum depth	
				Amount	Date	<0.1	≥0.1	≥1.0	≥5.0	≥10	≥25	≥50		
Mediterranean	Sallum	15.6	+ 1.0	4.7	5	1	10	5	0	0	0	0	0	
	Sidi Barrani	40.3	+ 7.5	11.0	13	0	14	9	2	1	0	0	0	
	Mersa Matruh (A)	21.1	—25.6	5.8	9	2	9	5	2	0	0	0	0	
	Ras El Hikma	65.8	—	21.2	21	0	8	8	5	2	0	0	0	
	Dabaa	22.8	— 7.2	10.4	10	3	6	4	1	1	0	0	0	
	Dekheila (A)	44.8	—	10.6	6	1	13	9	3	1	0	0	0	
	Alexandria (A)	45.6	— 0.4	22.3	9	0	13	8	2	1	0	0	0	
	Rosetta	57.4	—	12.8	31	5	9	9	4	2	0	0	0	
	Balteam	13.8	—	6.9	10	0	9	5	1	0	0	0	0	
	Damietta	15.0	— 7.5	3.6	9	1	12	5	0	0	0	0	0	
	Port Said (A)	4.8	— 5.7	1.8	14	2	7	2	0	0	0	0	0	
	El Arish	31.4	+14.2	17.0	20	0	8	3	2	2	0	0	0	
	Ghazza	29.6	—61.4	9.5	6	4	10	6	3	0	0	0	0	
	Fuka	26.5	+ 8.5	4.5	22	0	12	12	0	0	0	0	0	
	Hammam	63.0	+35.0	26.0	31	0	7	7	4	3	1	0	0	
	Borg El Arab	34.5	— 6.5	14.5	20	0	5	5	3	2	0	0	0	
	Amria	—	—	—	—	—	—	—	—	—	—	—	0	
	Mex	81.5	+38.5	29.8	31	2	10	10	4	3	1	0	0	
	Tolombat El Tabia	17.0	—35.0	12.0	24	0	4	3	1	1	0	0	0	
	Kom El Tarfaia	36.2	—12.8	12.0	19	0	4	4	4	2	0	0	0	
	Rosetta L.H.	—	—	—	—	—	—	—	—	—	—	—	0	
	Borollos LH	39.7	— 7.3	11.5	11	0	8	7	3	1	0	0	0	
	Dameitta L.H.	47.2	+16.2	15.5	20	5	8	8	3	1	0	0	0	
Lower Egypt	El Sirw	7.0	— 8.0	4.2	8	—	2	2	0	0	0	0	0	
	Sakha	22.6	+ 6.0	12.3	8	5	5	5	2	1	0	0	0	
	Mansoura	10.2	+ 2.4	4.3	9	0	9	3	0	0	0	0	0	
	Damanhour	19.4	+ 2.8	5.3	6	0	9	6	1	0	0	0	0	
	Gimmeiza	—	—	—	—	—	—	—	—	—	—	—	0	
	Tanta	9.1	+ 1.3	4.8	6	0	7	2	0	0	0	0	0	
	Tahrir	8.4	—	1.9	9,14	4	10	4	0	0	0	0	0	
	Shebin El Kom	10.6	+ 4.5	3.8	9	1	11	3	0	0	0	0	0	
	Zagazig	3.9	— 0.7	1.8	27	3	4	1	0	0	0	0	0	
	Abu Kebir (A)	3.8	—	1.1	27	2	8	1	0	0	0	0	0	
	Zagazig (A)	6.4	—	2.2	5	0	6	3	0	0	0	0	0	
	Wadi El Natrun	Tr.	— 6.5	Tr.	6,7,13,14	4	0	0	0	0	0	0	0	
	Ibshas (A)	5.5	+ 3.4	2.4	27	0	8	2	0	0	0	0	0	
	Fayed (A)	0.9	—	0.5	1	5	2	0	0	0	0	0	0	
	Kabrit (A)	4.8	—	1.7	7	1	7	2	0	0	0	0	0	
	Delta Barrage	4.0	—	2.0	5	0	3	3	0	0	0	0	0	
	Tolombat El Boseili	37.4	— 5.6	15.0	20	0	7	6	3	1	0	0	0	
	Kafr El Tawar	58.4	+14.4	28.0	1	0	6	6	5	1	1	0	0	
	Kafr El Sheikh	13.5	— 3.5	7.0	31	0	6	5	1	0	0	0	0	
	Kafr El Zayat	0.7	—11.3	0.4	29	5	2	0	0	0	0	0	0	
	Faqus	6.1	— 5.9	4.7	2	1	3	1	0	0	0	0	0	
Cairo Area	Cairo (A)	10.1	+ 8.6	3.6	27	3	9	4	0	0	0	0	0	
	Mostafa Helmi (A)	3.1	—	1.6	14	2	3	2	0	0	0	0	0	
	Almaza (A)	9.2	+ 6.1	3.5	27	0	7	3	0	0	0	0	0	
	Abbasiya (H.Q)	11.8	—	3.6	27	1	7	4	0	0	0	0	0	
	Imbaba (A)	12.0	—	6.2	7	0	8	4	1	0	0	0	0	
	Giza	4.2	+ 0.8	1.4	14	4	8	2	0	0	0	0	0	
	Helwan	7.3	+ 3.6	1.8	7	0	10	3	0	0	0	0	0	

TABLE A 5. — (*Contd.*) RAINFALL AND SNOW DEPTH

JANUARY 1962

District	Station	Rainfall (millimetres)											Snow depth (centimetres)	
		Total amount	Dev. from normal	Maximum fall in one day		Number of days with amount of rain							Maximum depth	Date
				Amount	Date	<0.1	≥0.1	≥1.0	≥5.0	≥10	≥25	≥50		
Upper Egypt	Fayoum	7.7	+4.0	2.0	5	0	7	6	0	0	0	0	0	—
	Beni Suef	Tr.	—0.5	Tr.	*	7	0	0	0	0	0	0	0	—
	Seds	4.0	+2.4	2.0	6.7	1	2	2	0	0	0	0	0	—
	Minya (A)	Tt.	—0.6	Tr.	7,26,28	3	0	0	0	0	0	0	0	—
	Mallawi	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Mangabad (A)	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Shandaweel	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Nag Hammadi	0.0	—0.1	0.0	—	0	0	0	0	0	0	0	0	—
	Kena	0.0	—0.2	0.0	—	0	0	0	0	0	0	0	0	—
	Luxor (A)	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Kom Ombo	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Aswan (A)	0.0	—0.1	0.0	—	0	0	0	0	0	0	0	0	—
Western Desert	Siwa	0.9	0.0	0.5	9	0	3	0	0	0	0	0	0	—
	Bahariya	1.0	+1.0	0.6	5	1	2	0	0	0	0	0	0	—
	Farafra	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Dakhla	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Kharga	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
Red Sea	Suez	Tr.	—2.3	Tr.	1,6,7,14	4	0	0	0	0	0	0	0	—
	Abu Redes	1.9	—	1.1	25	0	3	1	0	0	0	0	0	—
	Tor	Tr.	—2.0	Tr.	25	1	0	0	0	0	0	0	0	—
	Hurghada	0.0	—0.1	0.0	—	0	0	0	0	0	0	0	0	—
	Quseir	0.0	—Tr.	0.0	—	0	0	0	0	0	0	0	0	—
	Abul Kiza	1.0	—0.1	1.0	20	0	1	1	0	0	0	0	0	—

Table A 6.—BRIGHT SUNSHINE, CLOUDINESS, EVAPORATION, BRIGHT & BLACK BULB TEMPERATURES AND GRASS MINIMUM

JANUARY 1962

District	Station	Duration of bright sunshine (hours)			Mean sky cover (oktas)								Mean daily evaporation Piche (millimetres)	Mean maximum temp. (°C) of		Mean grass minimum (°C)
		Total actual	Total possible	Percentage %	0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.			Black bulb thermometer	Bright bulb thermometer	
					Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal				
Mediterranean	Sallum	—	—	—	3.4	+ 0.2	4.2	+ 0.7	4.7	+ 0.7	3.5	+ 0.6	5.3	—	—	10.2
	Sidi Barrani	—	—	—	—	—	4.3	+ 0.2	4.3	0.0	3.3	- 0.1	5.0	—	—	—
	Mersa Matruh (A)	212.7	321.1	66.2	2.7	+ 0.1	4.6	+ 0.7	4.2	+ 0.2	3.1	0.0	6.3	—	—	—
	Dabaa	—	—	—	—	—	3.5	—	3.7	—	2.5	—	4.2	—	—	—
	Dekheila (A)	—	—	—	3.2	—	4.0	—	4.2	—	3.2	—	5.8	—	—	—
	Alexandria	220.9	322.3	68.5	3.8	+ 0.8	4.7	+ 0.7	5.1	+ 0.9	4.4	+ 1.4	2.7	—	—	—
	Balteam (A)	—	—	—	—	—	4.0	—	4.7	—	3.3	—	2.4	—	—	—
	Damietta	—	—	—	—	—	3.4	—	4.1	—	5.9	—	1.7	—	—	—
	Port Said (A)	233.2	322.3	72.4	1.4	— 0.4	3.0	+ 0.5	3.4	— 0.4	2.5	0.0	3.8	—	—	—
	El Arish	—	—	—	3.6	—	4.1	—	3.9	—	3.2	—	3.4	—	—	8.2
	Ghazza	221.1	321.1	68.9	3.1	—	4.2	—	4.3	—	2.6	—	4.7	—	—	8.1
Lower Egypt	El Sirw	—	—	—	—	—	2.4	—	3.2	—	0.3	—	1.9	—	—	—
	Sakha	—	—	—	—	—	3.4	—	3.8	—	1.6	—	2.4	—	—	—
	Mansoura	—	—	—	—	—	2.8	—	4.0	—	—	—	1.7	—	—	—
	Damanhour	—	—	—	—	—	2.8	—	3.9	—	2.3	—	1.2	—	—	—
	Gimmeiza	(184.9)	292.1	63.0	—	—	—	—	—	—	—	—	2.8	—	—	—
	Tanta	212.1	323.4	65.6	—	—	3.1	—	4.0	—	2.3	—	2.7	51	30	—
	Tahrir	227.2	322.9	70.5	—	—	3.2	—	4.3	—	2.5	—	4.1	—	—	7.3
	Shebin El Kom	—	—	—	—	—	3.3	—	4.5	—	2.7	—	1.5	—	—	—
	Zagazig	—	—	—	—	—	2.7	—	4.3	—	2.9	—	2.2	—	—	—
	Abu Sueir (A)	—	—	—	1.8	—	3.5	—	4.5	—	3.1	—	5.3	74	—	6.9
	Zaher (A)	—	—	—	—	—	2.8	—	4.1	—	3.1	—	4.7	—	—	—
	Wadi El Natrun	—	—	—	—	—	3.0	—	4.0	—	2.0	—	4.7	—	—	—
	Inshas	—	—	—	1.3	—	2.9	—	3.6	—	2.5	—	5.6	—	—	—
	Fayed (A)	—	—	—	—	—	2.8	—	3.8	—	2.3	—	6.9	—	—	—
	Kabrit (A)	—	—	—	—	—	1.0	—	4.1	—	1.9	—	5.4	—	—	—
	Delta Barrage	—	—	—	—	—	—	—	—	—	—	—	2.3	—	—	—
Cairo Area	Cairo (A)	—	—	—	2.0	—	3.2	—	4.6	—	3.2	—	6.6	—	—	—
	Mostafa Helmi (A)	—	—	—	0.8	—	3.2	—	4.6	—	2.3	—	5.5	—	—	—
	Almaza (A)	220.6	824.4	68.0	2.0	+ 0.4	3.1	— 0.3	4.4	+ 0.2	3.4	+ 1.3	4.7	—	—	—
	Abbasiya (H.O.)	212.9	324.4	65.6	1.3	—	3.0	—	4.2	—	3.1	—	3.3	66	34	—
	Imbaba (A)	—	—	—	—	—	2.5	—	4.3	—	—	—	3.5	—	—	—
	Giza	210.6	324.1	65.0	—	—	2.9	—	4.0	—	2.7	—	3.2	—	—	3.8
	Helwan	—	—	—	1.3	—	3.0	—	4.1	—	3.0	—	8.8	—	—	—
Upper Egypt	Fayoum	—	—	—	—	—	5.9	—	4.1	—	2.6	—	2.8	—	—	—
	Beni Suef	—	—	—	—	—	2.4	—	3.4	—	1.5	—	2.3	—	—	5.7
	Seds	—	—	—	—	—	—	—	—	—	—	—	2.4	—	—	— 5.6
	Minya (A)	—	—	—	0.8	—	2.0	—	3.3	—	2.0	—	3.6	52	31	2.9
	Mallawi	—	—	—	—	—	1.7	—	2.7	—	1.6	—	1.5	—	—	—
	Mangabad (A)	—	—	—	0.3	—	1.7	—	3.3	—	1.3	—	6.4	—	34	6.0
	Shandaweel	(230.9)	270.3	85.4	—	—	0.8	—	0.7	—	0.7	—	2.3	—	—	—
	Nag Hammadi	—	—	—	—	—	0.5	—	0.8	—	0.5	—	2.9	—	—	—
	Kena	—	—	—	—	—	0.9	—	1.4	—	0.4	—	3.1	—	—	—
	Luxor (A)	—	—	—	0.4	—	1.3	—	2.1	—	1.3	—	4.0	54	34	2.9
	Kom Ombo	—	—	—	—	—	0.5	—	0.7	—	1.0	—	6.4	—	—	4.5
	Aswan (A)	—	—	—	0.1	—	0.8	—	0.7	—	0.5	—	9.4	—	—	—
Western Desert	Siwa	—	—	—	1.4	—	2.2	—	3.4	—	1.9	—	5.2	63	34	4.3
	Bahariya	—	—	—	1.5	—	3.1	—	4.1	—	1.7	—	4.9	—	—	—
	Farafra	—	—	—	0.7	—	2.2	—	2.4	—	0.5	—	7.0	—	—	—
	Dakhla	—	—	—	0.4	—	1.4	—	2.0	—	0.6	—	6.5	—	35	— 2.3
	Kharga	—	—	—	0.2	—	1.3	—	1.8	—	0.7	—	5.1	—	—	3.6
Red Sea	Suez	—	—	—	—	—	3.1	—	3.9	—	1.8	—	3.8	—	—	—
	Abu Redes	—	—	—	—	—	2.7	—	2.9	—	1.8	—	6.1	—	—	—
	Tor	—	—	—	1.6	—	2.8	—	3.2	—	2.0	—	5.3	—	—	—
	Hurghada	—	—	—	1.1	—	2.3	—	3.5	—	2.1	—	8.8	—	—	—
	Quseir	—	—	—	0.5	—	2.0	—	2.7	—	1.6	—	11.2	—	—	—
	Abul Kizan	—	—	—	—	—	4.1	—	3.2	—	2.8	—	5.7	—	—	—

Note : Acuital number of sunshine records was 28 days at Gimmeiza & 26 days at Shandaweel.

Table A 7.—SOIL TEMPERATURE (°C) AT SELECTED DEPTHS AT FIXED HOURS
JANUARY 1962

District	Station	Depth in centimetres	0000 U.T.					0600 U.T.					1200 U.T.					1800 U.T.				
			Mean	Highest		Lowest		Mean	Highest		Lowest		Mean	Highest		Lowest		Mean	Highest		Lowest	
				Value	Date	Value	Date		Value	Date	Value	Date		Value	Date	Value	Date		Value	Date	Value	Date
MEDITERRANEAN	Sidi Barrani	5	—	—	—	—	—	10.9	14.0	21	9.0	31	17.6	20.0	21,22	15.5	25	14.1	15.7	23	11.8	25
		10	—	—	—	—	—	11.9	14.0	21	10.4	29,31	15.5	17.7	21	13.5	28	14.7	16.0	22, 23	12.5	27
		20	—	—	—	—	—	13.4	15.0	21	11.8	28	14.2	15.8	21	12.0	28	15.1	16.0	12,22,24	14.0	25, 28
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Mersa Matruh (A)	5	12.4	—	—	—	—	11.6	—	—	—	—	17.0	—	—	—	—	15.7	—	—	—	—
		10	14.1	—	—	—	—	12.6	—	—	—	—	16.2	—	—	—	—	16.5	—	—	—	—
		20	15.8	—	—	—	—	14.9	—	—	—	—	16.2	—	—	—	—	16.6	—	—	—	—
		50	16.4	17.5	5	15.0	15	16.4	17.1	3	15.3	30	16.2	17.4	1	15.0	29	16.3	17.6	1	15.5	16,28,31
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Alexandria (A)	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	16.7	17.4	2,7	15.7	31	16.7	17.4	2,7	15.6	31	16.6	17.3	2,6,7	15.4	31	16.5	17.3	6	15.3	31
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	El Arish	5	11.2	13.2	19	8.7	30	10.6	13.2	19	8.4	18	20.4	23.4	18	16.8	14	13.7	15.5	4	11.8	14
		10	12.3	14.2	6,19	10.0	16	11.2	13.4	19	9.2	15	18.5	20.4	3,4	16.2	14	14.9	16.4	4	13.2	2,14
		20	14.1	15.6	5,6	11.8	24	13.0	14.5	1	11.3	15	16.0	18.5	25	14.4	17	15.9	17.0	4,5	14.2	26
		50	16.4	17.3	6	15.3	18	16.1	17.1	6	14.9	11	15.9	17.0	25	15.1	15	16.1	17.0	2	15.0	16
		100	17.2	17.8	*	16.5	30	17.3	17.8	*	16.3	29	17.3	18.1	7	16.6	29	17.2	17.9	7	16.4	28,31
		200	19.8	20.4	2,3,5	19.2	*	19.8	20.7	1	19.2	*	19.8	20.6	1,2	19.2	*	19.7	20.4	1,2,3	19.0	31
	hazza	5	12.4	15.0	19	10.4	15,30	11.3	14.4	19	9.2	30	17.6	20.0	31	14.8	14	14.7	16.4	21	12.4	6
		10	13.1	15.4	25	11.3	15	11.9	14.5	19	9.9	30	16.1	18.0	21	14.2	14, 29	15.1	16.7	21	13.4	6,14
		20	13.7	15.2	25	12.1	24	12.8	16.4	22	10.0	30	14.4	16.0	21	13.0	14	15.1	16.7	21	13.8	14,28
		50	15.3	16.2	22,23	14.3	15	15.0	16.0	22	14.0	15	14.8	15.9	21	13.6	15	15.1	16.2	22	14.3	14
		100	16.4	17.3	1,6	15.4	18	16.5	17.3	1	15.6	31	16.6	17.1	29	15.9	30	16.4	17.1	3	15.7	30
		200	18.9	19.8	1	18.0	24,31	19.0	20.0	1	18.0	23,26,31	19.1	20.0	7	18.5	20,25,26	18.8	19.7	1,2	16.5	30

* More than 3 days.

Table A 7. (Contd)—**SOIL TEMPERATURE (°C) AT SELECTED DEPTHS AT FIXED HOURS**

JANUARY 1962

District	Station	Depth in centimetres	0000 U.T.					0600 U.T.					1200 U.T.					1800 U.T.				
			Mean	Highest		Lowest		Mean	Highest		Lowest		Mean	Highest		Lowest		Mean	Highest		Lowest	
				Value	Date	Value	Date		Value	Date	Value	Date		Value	Date	Value	Date		Value	Date	Value	Date
Lower Egypt	Sakha	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	—	—	—	—	—	16.4	16.6	5,30	16.0	*	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	17.4	17.5	*	17.0	*	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gimmeiza	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	15.6	17.0	2	15.0	*	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	—	—	—	—	—	18.1	19.0	15,16,31	17.5	*	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Tanta	5	—	—	—	—	—	10.6	12.4	21	9.6	12	14.3	15.5	1, 2	12.8	13	14.0	15.1	24	12.8	12
		10	—	—	—	—	—	13.3	14.4	21	12.0	13	15.0	16.0	1, 2	13.8	13	15.5	16.7	24	14.2	12
		20	—	—	—	—	—	13.3	14.0	3	12.0	13	13.4	14.1	1	12.1	13	14.1	14.8	3, 24	13.1	12
		50	—	—	—	—	—	16.7	17.2	6	16.4	13, 20	16.6	17.0	*	16.3	13, 20	16.5	17.0	4	16.2	13,14
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Tahrir	5	—	—	—	—	—	10.3	12.7	21	8.5	30	21.5	24.4	24	17.2	12	15.1	16.8	24	13.2	12
		10	—	—	—	—	—	11.3	13.4	21	9.5	30	19.0	20.9	24	16.3	12	16.1	17.9	24	14.5	12
		20	—	—	—	—	—	13.3	14.6	1	12.0	31	15.8	16.7	2	14.5	30	16.8	18.4	24	15.4	30
		50	—	—	—	—	—	16.1	16.9	3	15.4	29, 31	15.8	16.6	6	14.8	31	16.0	16.7	2, 5	15.2	31
		100	—	—	—	—	—	17.9	18.4	*	17.4	31	—	—	—	—	—	17.9	18.5	5	17.4	30,31
		200	—	—	—	—	—	20.6	21.4	1	20.1	29,30,31	—	—	—	—	—	20.6	21.3	1	20.0	30
	Delta Barrage	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	17.4	18.0	30	17.0	29	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	19.0	20.0	11	18.4	20	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	21.4	22.1	2,4,6	20.0	25	—	—	—	—	—	—	—	—	—	—
Cairo Area	Giza	5	—	—	—	—	—	11.5	15.3	6	8.8	30	20.0	22.7	24	15.8	14	16.4	17.7	24	14.5	26
		10	—	—	—	—	—	13.9	15.4	6	12.4	30	17.0	18.4	24	15.3	14	17.5	18.9	24	16.0	14,28
		20	—	—	—	—	—	16.7	17.4	6	16.0	27, 30	16.6	17.2	*	16.0	27,30,31	17.3	18.0	4, 5	16.6	14
		50	—	—	—	—	—	18.4	19.0	6	17.8	31	18.4	18.9	6	17.8	31	18.3	18.8	5, 6	17.7	31
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

* More than 3 days.

Table A 7. (*contd.*)—SOIL TEMPERATURE (°C) AT SELECTED DEPHTS AT FIXED HOURS
JANUARY 1962

District	Station	Depth in centimetres	0000 U.T.					0600 U.T.					1200 U.T.					1800 U.T.				
			Mean	Highest		Lowest		Mean	Highest		Lowest		Mean	Highest		Lowest		Mean	Highest		Lowest	
				Value	Date	Value	Date		Value	Date	Value	Date		Value	Date	Value	Date		Value	Date	Value	Date
Upper Egypt	Seds	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	17.9	18.2	*	17.5	*	17.9	18.2	*	17.5	*	17.9	18.2	*	17.5	*
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Minya (A)	5	13.4	15.5	21	12.0	7, 27	11.6	12.5	8,21,31	10.0	18	17.3	18.1	24,31	16.0	12, 28	15.7	16.5	*	14.8	12, 13
		10	16.1	17.0	3, 31	15.3	5, 27	14.7	16.0	26	13.8	15,16	16.8	17.5	6	16.0	13, 15	17.2	18.0	8,19,22	15.9	21
		20	16.4	17.0	*	14.5	27	15.9	16.5	8,21,31	14.1	27	16.2	17.3	4	15.4	13	16.8	17.6	31	16.0	13
		50	17.6	18.3	5	17.1	17	17.6	18.0	*	17.0	14	17.5	18.7	4	16.6	14, 15	17.6	18.6	4	17.1	14, 15
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		190	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Mallawi	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	14.0	14.4	1	13.8	*	14.1	14.4	1	13.8	*	14.1	14.4	1	13.8	*
		100	—	—	—	—	—	16.4	17.3	1, 2	16.0	*	16.4	17.3	1, 2	16.0	*	16.4	17.3	1, 2	16.0	*
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Shandaweel	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	—	—	—	—	—	16.9	17.6	30	16.0	16	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	18.6	19.5	9	17.0	1	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kom Ombo	5	—	—	—	—	—	13.1	16.7	19	11.2	28	33.4	39.0	30	26.5	10	19.7	22.5	31	16.9	27
		10	—	—	—	—	—	16.0	18.8	19	12.0	29	22.2	28.0	31	19.6	11	20.7	23.0	24	18.8	14
		20	—	—	—	—	—	19.6	20.7	20	18.5	28,29	20.2	21.0	19,31	19.3	15	20.5	21.5	24	19.5	14
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Aswan	2	13.7	—	—	—	—	11.5	—	—	—	—	25.7	—	—	—	—	19.6	—	—	—	—
		10	17.6	—	—	—	—	14.8	—	—	—	—	20.1	—	—	—	—	21.1	—	—	—	—
		20	20.1	—	—	—	—	19.0	—	—	—	—	18.7	—	—	—	—	20.5	—	—	—	—
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

* More than 3 days

Table A 8—FREQUENCY OF OCCURRENCE OF MISCELLANEOUS WEATHER PHENOMENA.

JANUARY 1962

District	Station	Precipitation				Frost	Thunderstorm	Mist vis. ≥ 1000 metres.	Fog vis. < 1000 metres.	Haze vis. ≥ 1000 metres	Thick haze vis < 1000 metres.	Dust rising/Sand rising vis ≥ 1000 metres.	Duststorm/Sandstorm vis < 1000 metres.	Drifting Snow		Blowing Snow		Gales	Clear Sky	Cloudy Sky
		Rain	Snow	Ice pellets	Hail									Slight/moderate vis. below eye level ≥ 1000 metres	Heavy vis. below eye level < 1000 metres (snow storm)	Slight/moderate vis. below eye level ≥ 1000 metres	Heavy vis. below eye level < 1000 metres (snow storm)			
Mediterranean	Sallum	10	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	4	5
	Sidi Barrani	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	—
	Mersa Matruh (A)	9	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	4	0
	Dabaa	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	—
	Dekheila (A)	13	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	3	2
	Alexandria (A)	13	0	0	0	0	2	5	3	0	0	0	0	0	0	0	0	0	0	0
	Balteam	9	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	—	—
	Damietta	12	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	—	—
	Port Said (A)	7	0	0	0	0	0	5	1	0	0	0	0	0	0	0	0	0	12	0
	El Arish	8	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	5	4
	Ghazza	10	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	6	1
Lower Egypt	El Sirw	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sakha	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Mansoura	9	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	—	—
	Damanhour	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gimmeiza	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Tanta	7	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	—	—
	Tahrir	10	0	0	0	0	0	2	3	0	0	0	0	0	0	0	0	0	—	—
	Shebin El Kom	11	0	0	0	0	0	6	3	0	0	0	0	0	0	0	0	0	—	—
	Zagazig	4	0	—	—	0	0	2	2	0	—	—	0	—	—	—	—	—	—	—
	Abu Sueir (A)	8	0	0	0	0	0	16	3	4	0	1	0	0	0	0	0	0	4	1
	Zaher (A)	6	0	0	0	0	0	12	2	2	0	1	0	0	0	0	0	0	—	—
	Wadi El Natrun	0	0	0	0	0	0	0	1	0	0	6	0	0	0	0	0	0	—	—
	Inshas (A)	8	0	0	0	0	0	15	1	6	0	12	0	0	0	0	0	0	14	1
	Fayed (A)	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	—	—
	Kabrit (A)	7	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	—	—
	Delta Barrage	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cairo Area	Cairo (A)	9	0	0	0	0	0	14	1	16	0	4	0	0	0	0	0	0	8	0
	Mostafa Helmi (A)	3	0	0	0	0	0	5	5	0	0	1	0	0	0	0	0	0	8	1
	Almaza (A)	7	0	0	0	0	0	11	0	14	0	4	0	0	0	0	0	0	8	0
	Abbasiya (H.Q.)	7	0	0	0	0	0	9	0	4	0	0	0	0	0	0	0	0	8	0
	Imbaba (A)	8	0	0	0	0	0	9	2	0	0	0	0	0	0	0	0	0	—	—
	Giza	8	0	0	0	0	0	8	5	0	0	0	0	0	0	0	0	0	—	—
	Helwan	10	0	0	0	0	0	0	2	3	1	0	0	0	0	0	0	0	10	0

Table A 8 (*contd.*)—FREQUENCY OF OCCURRENCE OF MISCELLANEOUS WEATHER PHENOMENA.

JANUARY 1962

District	Station	Precipitation				Frost	Thunderstorm	Mist vis. ≥ 1000 metres.	Fog vis. < 1000 metre.	Haze vis. ≥ 1000 metres	Thick haze vis. < 1000 metres.	Dust rising/Sand rising vis ≥ 1000 metres.	Duststorm/Sandstorm vis < 1000 metres.	Drifting Snow		Blowing Snow		Gales	Clear Sky	Cloudy Sky
		Rain	Snow	Ice pellets	Hail									Slight/moderate vis. below eye level ≥ 1000 metres	Heavy vis. below eye level < 1000 metres (snow storm)	Slight/moderate vis. below eye level ≥ 1000 metres	Heavy vis. below eye level < 1000 metres (snow storm)			
Upper Egypt	Fayoum	7	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	—	—
	Beni Suef	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	—	—
	Seds	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Minya (A)	0	0	0	0	0	0	11	0	6	0	0	0	0	0	0	0	0	16	0
	Mallawi	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Asyout (Mangabad)(A)	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	20	0
	Shandaweel	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Nag Hammadi	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kena	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Luxor (A)	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	23	—
	Kom Ombo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	—
	Aswan (A)	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	28	—
Western Desert	Siwa	3	0	0	0	0	1	0	0	0	0	0	2	0	0	0	0	1	16	0
	Bahariya	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	14	0
	Farafra	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	—	—
	Dakhla	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	25	0
	Kharga	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	25	1
Red Sea	Suez	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Abu Redes	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	—
	Tor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	0
	Hurghada	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	1
	Quseir	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	19	1
	Abul Kizan	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

TABLE A 9.— NUMBER IN HOURS OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION RECORDED WITHIN SPECIFIED RANGES

JANUARY 1962

District	Station	Number in hours of calm winds	Number in hours of variable winds	Number in hours of unrecorded winds	Wind speed in knots	Number in hours of occurrences of wind blowing from the range of directions indicated												All
						345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	
Mediterranean	Sidi Barrani	4	0	143	1—10	35	14	9	10	13	35	29	41	69	42	23	23	
					11—27	23	10	10	8	6	3	1	9	46	33	28	77	
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	
					All speeds	**58**	**24**	**19**	**18**	**19**	**38**	**30**	**50**	**115**	**75**	**51**	**100**	
	Mersa Matruh . . (A)	4	0	5	1—10	28	8	5	6	8	26	19	19	65	55	16	24	
					11—27	02	7	4	11	9	17	23	65	137	66	28	68	
					28—47	0	0	0	0	0	0	0	0	0	1	0	0	
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	
					All speeds	**48**	**15**	**9**	**17**	**17**	**43**	**42**	**84**	**202**	**122**	**44**	**92**	
	Dekheila . . . (A)	16	0	5	1—10	41	44	9	33	34	29	42	47	86	72	38	59	
					11—27	27	7	0	9	0	5	8	10	22	28	31	42	
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	
					All speeds	**68**	**51**	**9**	**42**	**34**	**34**	**50**	**57**	**108**	**100**	**69**	**101**	
	Alexandria . . . (A)	8	0	3	1—10	42	32	31	21	34	33	30	78	35	19	33	51	
					11—27	8	0	10	10	4	8	14	56	77	25	23	59	
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	
					All speeds	**50**	**32**	**41**	**31**	**38**	**41**	**44**	**134**	**112**	**44**	**56**	**110**	
	Port Said . . . (A)	12	1	0	1—10	17	22	43	35	20	36	43	65	69	68	25	28	
					11—27	9	2	12	16	4	2	6	36	99	43	16	15	
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	
					All speeds	**26**	**24**	**55**	**51**	**24**	**38**	**49**	**101**	**168**	**111**	**41**	**43**	
	El Arish	39	4	1	1—10	28	21	12	13	19	190	42	90	112	39	47	36	
					11—27	0	0	0	0	0	0	0	3	30	16	2	0	
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	
					All speeds	**28**	**21**	**12**	**13**	**19**	**190**	**42**	**93**	**142**	**55**	**49**	**36**	
	Mansoura	38	0	334	1—10	11	10	8	5	7	10	39	73	56	30	28	10	
					11—27	1	0	10	4	0	0	4	16	31	8	6	5	
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	
					All speeds	**12**	**10**	**18**	**9**	**7**	**10**	**43**	**89**	**87**	**38**	**34**	**15**	
Lower Egypt	Tanta	56	6	0	1—10	13	28	27	17	36	55	81	193	86	58	46	27	
					11—27	0	0	1	1	0	0	0	8	4	0	1	0	
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	
					All sueces	**13**	**28**	**28**	**18**	**36**	**55**	**81**	**201**	**90**	**58**	**47**	**27**	
	Abu Sueir . . . (A)	92	2	24	1—10	30	11	25	22	34	21	18	23	46	128	88	28	
					11—27	9	5	2	2	13	0	0	0	10	39	53	19	
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	
					All speeds	**39**	**16**	**27**	**24**	**47**	**21**	**18**	**23**	**56**	**167**	**141**	**47**	
	Zaher . . . . . (A)	51	3	0	1—10	21	20	18	15	24	35	43	120	132	54	36	24	
					11—27	0	4	13	0	1	10	16	51	38	8	6	1	
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	
					All speeds	**21**	**24**	**31**	**15**	**25**	**45**	**59**	**171**	**170**	**62**	**42**	**25**	

TABLEA 9 (*contd.*)— NUMBER IN HOURS OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION RECORDED WITHIN SPECIFIED RANGES

JANUARY 1962

Station	Number in hours of calm winds	Number in hours of variable winds	Number in hours of unrecorded winds	Wind speed in knots	Number in hours of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
Cairo . . . . . (A)	7	0	2	1—10	19	28	23	35	7	29	59	80	56	63	23	23	445
				11—27	0	5	14	3	0	24	118	75	28	11	8	4	290
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**19**	**33**	**37**	**38**	**7**	**53**	**177**	**155**	**84**	**74**	**31**	**27**	**735**
Mostafa Helmi . (A)	6	0	42	1—10	48	35	35	10	1	4	33	53	83	44	42	39	427
				11—27	13	4	21	10	0	0	10	49	63	49	21	29	269
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**61**	**39**	**56**	**20**	**1**	**4**	**43**	**102**	**146**	**93**	**63**	**68**	**696**
Almaza . . . . (A)	2	5	0	1—10	33	29	43	25	28	33	58	116	93	61	35	38	592
				11—27	5	0	6	8	1	2	18	67	25	15	2	1	145
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**33**	**29**	**49**	**33**	**29**	**35**	**76**	**183**	**118**	**76**	**37**	**39**	**737**
Abbasiya . . . (H.Q.)	157	2	3	1—10	20	27	17	3	22	62	192	93	61	18	35	22	572
				11—27	0	0	0	0	0	0	5	4	1	0	0	0	10
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**20**	**27**	**17**	**3**	**22**	**62**	**197**	**97**	**62**	**18**	**35**	**22**	**582**
Giza	146	7	1	1—10	47	45	15	7	6	131	122	49	27	27	21	51	548
				11—27	0	0	0	0	0	2	17	9	5	2	3	4	42
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**47**	**45**	**15**	**7**	**6**	**133**	**139**	**58**	**32**	**29**	**24**	**55**	**590**
Minya . . . . . (A)	48	2	0	1—10	115	57	8	3	8	116	73	33	38	33	44	98	626
				11—27	10	11	0	3	0	0	2	7	10	8	8	9	68
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**125**	**68**	**8**	**6**	**8**	**116**	**75**	**40**	**48**	**41**	**52**	**107**	**694**
Luxor . . . . . (A)	71	8	0	1—10	65	84	44	20	15	15	54	19	62	47	35	108	653
				11—27	1	1	0	0	0	0	0	0	0	1	4	5	12
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**66**	**85**	**44**	**20**	**15**	**15**	**54**	**19**	**62**	**48**	**39**	**113**	**665**
Siwa	69	5	1	1—10	20	1	0	2	23	30	17	23	19	118	152	47	452
				11—27	6	1	0	0	4	13	16	6	12	25	76	57	216
				28—47	0	0	0	0	0	0	0	0	0	0	0	1	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**26**	**2**	**0**	**2**	**27**	**43**	**33**	**29**	**31**	**143**	**228**	**105**	**669**
Dakhla	37	19	7	1—10	26	10	29	31	16	12	17	12	76	118	146	110	603
				11—27	6	0	0	0	0	0	0	0	0	12	21	39	78
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**32**	**10**	**29**	**31**	**16**	**12**	**17**	**12**	**76**	**130**	**167**	**149**	**681**
Hurghada	5	0	18	1—10	43	18	12	20	12	15	6	20	25	33	125	47	376
				11—27	64	0	0	0	0	0	0	0	0	3	171	102	340
				28—47	0	0	0	0	0	0	0	0	0	0	1	4	5
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**107**	**18**	**12**	**20**	**12**	**15**	**6**	**20**	**25**	**36**	**297**	**153**	**721**

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

SALLUM — JANUARY 1962

Hour (G.M.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	4	0	0	1—10	1	0	0	0	1	0	0	0	0	10	3	1	16
				11—27	1	0	0	1	0	0	1	0	0	7	1	0	11
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**0**	**0**	**1**	**1**	**0**	**1**	**0**	**0**	**17**	**4**	**1**	**27**
0300	5	0	0	1—10	1	0	0	0	0	0	0	0	1	6	3	2	13
				11—27	1	0	0	0	0	0	0	0	1	10	1	0	13
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**16**	**4**	**2**	**26**
0600	4	0	0	1—10	0	0	1	1	0	0	0	1	1	4	4	2	13
				11—27	0	0	0	0	0	0	0	0	1	12	1	0	14
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**1**	**1**	**0**	**0**	**0**	**1**	**2**	**16**	**5**	**2**	**27**
0900	4	0	0	1—10	2	0	0	3	0	0	0	0	1	3	4	0	13
				11—27	0	0	0	0	0	0	0	1	4	8	1	0	14
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**0**	**0**	**3**	**0**	**0**	**0**	**1**	**5**	**11**	**5**	**0**	**27**
1200	0	0	0	1—10	3	2	0	2	0	1	1	1	1	3	0	0	14
				11—27	1	0	0	0	0	0	0	1	5	5	4	1	17
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**2**	**0**	**2**	**0**	**1**	**1**	**2**	**6**	**8**	**4**	**1**	**31**
1500	1	0	0	1—10	4	1	1	1	2	0	2	0	1	4	3	1	20
				11—27	0	1	0	1	0	0	0	1	3	2	1	1	10
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**2**	**1**	**2**	**2**	**0**	**2**	**1**	**4**	6	**4**	**2**	**30**
1800	3	0	0	1—10	0	1	0	2	2	0	2	0	1	4	3	5	20
				11—27	2	0	0	1	0	0	0	0	1	3	1	0	8
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**1**	**0**	**3**	**2**	**0**	**2**	**0**	**2**	7	**4**	**5**	28
2100	3	0	0	1—10	1	1	1	1	1	1	0	0	0	13	1	4	24
				11—27	0	0	0	0	0	0	1	0	0	3	0	0	4
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**0**	**0**	**16**	**1**	**4**	**28**

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

MERSA MATRUH (A) — JANUARY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Numker of cases of occurrenses of wind blowing from the r anges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
				1—10	0	0	0	0	0	4	0	3	5	2	0	0	14
				11—27	1	0	0	0	1	0	0	4	6	3	0	2	17
0000	0	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**0**	**0**	**1**	**4**	0	**7**	**11**	**5**	**0**	**2**	**31**
				1—10	0	0	0	0	0	1	0	1	3	3	0	1	9
				11—27	1	0	0	0	0	1	1	5	7	5	0	1	21
0300	1	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**0**	**0**	**0**	**2**	**1**	**6**	**10**	**8**	**0**	**2**	**30**
				1—10	0	0	0	1	0	1	2	1	1	2	0	0	8
				11—27	3	0	0	0	0	0	1	4	9	4	0	2	23
0600	0	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**0**	**0**	**1**	**0**	**1**	**3**	**5**	**10**	**6**	**0**	**2**	**31**
				1—10	0	0	0	0	0	0	0	0	0	1	4	1	6
				11—27	1	0	0	1	1	1	1	4	7	3	1	5	25
0900	0	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**0**	**1**	**1**	**1**	**1**	**4**	**7**	**4**	**5**	**6**	**31**
				1—10	3	0	1	0	0	0	0	0	1	1	1	2	9
				11—27	0	1	1	1	0	1	1	0	5	1	4	6	21
1200	0	0	0	28—47	0	0	0	0	0	0	0	0	0	1	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**1**	2	**1**	**0**	**1**	**1**	**0**	**6**	**3**	**5**	**8**	**31**
				1—10	1	2	2	0	0	0	0	0	0	2	2	1	10
				11—27	2	0	1	2	0	0	0	2	2	3	3	4	19
1500	1	0	0	28—47	0	0	0	0	0	0	0	0	0	1	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**2**	**3**	**2**	**0**	**0**	**0**	**2**	**2**	**6**	**5**	**5**	**30**
				1—10	2	0	0	1	2	2	0	0	3	7	0	0	17
				11—27	1	0	0	1	1	0	1	3	3	2	0	2	14
1800	0	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**0**	**0**	**2**	**3**	**2**	**1**	**3**	**6**	**9**	**0**	**2**	**31**
				1—10	2	0	0	0	0	3	2	3	3	**3**	1	1	18
				11—27	1	0	0	0	0	1	0	4	4	2	0	1	13
2100	0	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**0**	**0**	**0**	**0**	**4**	**2**	**7**	**7**	**5**	**1**	**2**	**31**

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

DEKHEILA (A) — JANUARY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated											
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344
				1—10	3	1	0	1	1	2	0	4	5	4	1	2
				11—27	1	0	0	1	0	1	0	1	0	0	2	1
0000	0	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**1**	**0**	**2**	**1**	**3**	**0**	**5**	**5**	**4**	**3**	**3**
				1—10	1	2	1	1	3	2	3	2	5	2	1	1
				11—27	1	0	0	0	0	0	0	0	1	1	0	4
0300	0	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**2**	**1**	**1**	**3**	**2**	**3**	**2**	**6**	**3**	**1**	**5**
				1—10	2	0	1	1	3	2	3	2	6	2	0	1
				11—27	2	0	0	0	0	0	0	1	1	1	0	2
0600	1	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**0**	**1**	**1**	**3**	**2**	**3**	**3**	**7**	**3**	**0**	**3**
				1—10	2	2	0	0	1	1	2	1	4	3	1	2
				11—27	1	0	0	0	1	1	1	0	3	2	1	2
0900	0	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**2**	**0**	**0**	**2**	**2**	**3**	**1**	**7**	**5**	**2**	**4**
				1—10	1	1	1	1	1	0	0	1	0	4	4	4
				11—27	2	1	0	0	0	0	1	0	2	4	2	1
1200	0	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**2**	**1**	**1**	**1**	**0**	**1**	**1**	**2**	8	**6**	**5**
				1—10	5	2	1	2	0	1	1	0	1	3	7	3
				11—27	1	0	0	0	0	0	0	0	1	2	0	1
1500	0	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**6**	**2**	**1**	**2**	**0**	**1**	**1**	**0**	**2**	**5**	**7**	**4**
				1—10	3	3	3	2	0	1	2	2	3	1	2	3
				11—27	0	1	0	1	0	0	0	0	0	1	1	1
1800	1	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**4**	**3**	**3**	**0**	**1**	**2**	**2**	**3**	**2**	**3**	**4**
				1—10	2	3	0	2	2	2	2	0	6	2	1	1
				11—27	1	0	0	1	0	0	0	0	1	0	2	1
2100	2	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**3**	**0**	**3**	**2**	**2**	**2**	**0**	**7**	**2**	**3**	**2**

TABLE A 10.— NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSBRVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

ALEXANDRIA (A) — JANUARY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												All directions
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	
0000	0	0	0	1—10	1	1	1	2	2	1	3	3	1	2	1	3	21
				11—27	0	0	1	0	0	0	0	4	2	0	2	1	10
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**1**	**2**	**2**	**2**	**1**	**3**	**7**	**3**	**2**	**3**	**4**	**31**
0300	1	0	0	1—10	1	1	1	3	2	2	3	5	1	0	0	1	20
				11—27	0	0	0	0	0	0	1	3	2	0	0	4	10
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**1**	**1**	**3**	**2**	**2**	**4**	**8**	**3**	**0**	**0**	**5**	**30**
0600	0	0	0	1—10	0	1	3	1	4	2	1	6	2	0	0	1	21
				11—27	0	0	0	0	0	0	1	2	3	0	1	3	10
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**1**	**3**	**1**	**4**	**2**	**2**	**8**	**5**	**0**	**1**	**4**	**31**
0900	1	0	0	1—10	2	0	0	0	1	1	2	2	2	0	1	2	13
				11—27	1	0	1	0	0	1	2	6	3	0	1	2	17
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**0**	**1**	**0**	**1**	**2**	**4**	**8**	**5**	**0**	**2**	**4**	**30**
1200	0	0	0	1—10	2	1	1	0	0	1	1	1	0	2	0	2	11
				11—27	1	0	1	0	1	1	1	1	7	3	1	3	20
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**1**	**2**	**0**	**1**	**2**	**2**	**2**	**7**	**5**	**1**	**5**	**31**
1500	0	0	0	1—10	4	1	1	1	1	0	0	1	2	3	3	3	20
				11—27	1	0	0	0	0	1	0	1	3	3	0	2	11
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**5**	**1**	**1**	**1**	**1**	**1**	**0**	**2**	**5**	**6**	**3**	**5**	**31**
1800	1	0	0	1—10	3	5	0	0	1	0	3	1	2	1	2	2	20
				11—27	1	1	1	0	1	0	0	1	1	2	2	0	10
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**6**	**1**	**0**	**2**	**0**	**3**	**2**	**3**	**3**	**4**	**2**	**30**
2100	1	0	0	1—10	0	1	4	1	3	1	2	2	0	2	1	4	21
				11—27	1	0	0	1	0	0	1	3	0	1	0	2	9
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**1**	**4**	**2**	**3**	**1**	**3**	**5**	**0**	**3**	**1**	**6**	**30**

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

PORT SAID (A)—JANUARY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	3	0	0	1—10	0	0	3	1	0	2	3	0	4	4	1	1	19
				11—27	0	0	0	1	0	0	0	3	4	1	0	0	9
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**3**	**2**	**0**	**2**	**3**	**3**	**8**	**5**	**1**	**1**	**28**
0300	1	0	0	1—10	0	2	1	0	2	3	2	0	3	3	1	0	17
				11—27	0	0	0	0	0	0	0	3	6	1	2	1	13
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**2**	**1**	**0**	**2**	**3**	**2**	**3**	**9**	**4**	**3**	**1**	**30**
0600	1	0	0	1—10	0	1	1	0	0	5	0	2	4	2	1	0	16
				11—27	0	0	0	0	0	0	2	1	7	2	1	1	14
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**1**	**1**	**0**	**0**	**5**	**2**	**3**	**11**	**4**	**2**	**1**	**30**
0900	0	0	0	1—10	1	0	2	0	0	1	3	5	2	2	1	0	17
				11—27	1	0	0	0	1	0	0	2	8	2	0	0	14
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**0**	**2**	**0**	**1**	**1**	**3**	**7**	**10**	**4**	**1**	**0**	**31**
1200	0	0	0	1—10	2	1	2	1	0	0	1	5	2	4	0	3	21
				11—27	0	0	0	1	0	0	0	1	3	2	2	1	10
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**1**	**2**	**2**	**0**	**0**	**1**	**6**	**5**	**6**	**2**	**4**	**31**
1500	2	0	0	1—10	1	2	4	3	0	1	1	0	5	2	0	1	20
				11—27	0	0	0	1	0	0	0	1	3	1	1	2	9
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**2**	**4**	**4**	**0**	**1**	**1**	**1**	**8**	**3**	**1**	**3**	**29**
1800	3	0	0	1—10	2	2	2	3	0	1	2	3	3	0	2	2	22
				≥—27	0	0	2	0	0	0	0	1	1	1	0	1	6
				11—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				2848	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**2**	**4**	**3**	**0**	**1**	**3**	**4**	**4**	**1**	**2**	**3**	**28**
2100	3	0	0	1—10	0	2	1	4	0	1	3	3	3	4	0	1	22
				11—27	0	0	0	1	0	0	0	1	2	2	0	0	6
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**2**	**1**	**5**	**0**	**1**	**3**	**4**	**5**	**6**	**0**	**1**	**28**

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

EL ARISH — JANUARY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
				1—10	0	0	0	1	2	10	4	5	4	0	0	0	26
				11—27	0	0	0	0	0	0	0	0	1	0	0	0	1
0000	4	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**1**	**2**	**10**	**4**	**5**	**5**	**0**	**0**	**0**	**27**
				1—10	0	0	0	0	0	8	5	6	8	1	0	0	28
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
0300	3	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**0**	**8**	**5**	**6**	**8**	**1**	**0**	**0**	**28**
				1—10	0	0	0	0	0	8	5	7	5	0	1	0	26
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
0600	5	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**0**	**8**	**5**	**7**	**5**	**0**	**1**	**0**	**26**
				1—10	0	0	0	2	0	3	2	6	6	7	2	0	28
				11—27	0	0	0	0	0	0	0	0	2	0	0	0	2
0900	1	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**2**	**0**	**3**	**2**	**6**	**8**	**7**	**2**	**0**	**30**
				1—10	7	2	1	0	0	1	0	0	3	1	8	1	24
				11—27	0	0	0	0	0	0	0	0	2	2	3	0	7
1200	0	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**7**	**2**	**1**	**0**	**0**	**1**	**0**	**0**	**5**	**3**	**11**	**1**	**31**
				1—10	4	3	1	2	0	0	0	1	4	4	7	4	**30**
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
1500	1	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**3**	**1**	**2**	**0**	**0**	**0**	**1**	**4**	**4**	**7**	**4**	**30**
				1—10	1	0	0	2	5	1	1	3	5	2	1	2	23
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
1800	8	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**0**	**2**	**5**	**1**	**1**	**3**	**5**	**2**	**1**	**2**	**23**
				1—10	0	0	0	1	2	12	3	1	6	1	1	1	28
				11—27	0	0	0	0	0	0	0	1	0	0	0	0	1
2100	2	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**1**	**2**	**12**	**3**	**2**	**6**	**1**	**1**	**1**	**29**

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

GHAZZA—JANUARY 1962

Hour (U,T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	0	0	0	1—10	0	0	0	1	7	13	4	1	0	0	2	0	28
				11—27	0	0	0	0	0	1	1	1	0	0	0	0	3
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**1**	**7**	**14**	**5**	**2**	**0**	**0**	**2**	**0**	**31**
0300	0	0	0	1—10	0	0	0	0	7	16	4	0	0	0	0	1	28
				11—27	0	0	0	0	0	1	1	0	1	0	0	0	3
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**7**	**17**	**5**	**0**	**1**	**0**	**0**	**1**	**31**
0600	1	0	0	1—10	1	0	0	1	2	13	11	0	0	0	0	0	28
				11—27	0	0	0	0	0	0	1	0	1	0	0	0	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**0**	**1**	**2**	**13**	**12**	**0**	**1**	**0**	**0**	**0**	**30**
0900	0	0	0	1—10	2	0	1	0	0	3	9	1	10	1	0	2	29
				11—27	0	0	0	0	0	0	0	0	2	0	0	0	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**0**	**1**	**0**	**0**	**3**	**9**	**1**	**12**	**1**	**0**	**2**	**31**
1200	0	0	0	1—10	3	0	0	0	0	2	1	0	8	4	1	7	26
				11—27	0	0	0	0	0	0	0	0	4	1	0	0	5
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**0**	**0**	**0**	**0**	**2**	**1**	**0**	**12**	**5**	**1**	**7**	**31**
1500	0	0	0	1—10	8	2	0	2	0	0	2	0	4	6	1	2	27
				11—27	0	0	0	0	0	0	0	0	1	3	0	0	4
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**8**	**2**	**0**	**2**	**0**	**0**	**2**	**0**	**5**	**9**	**1**	**2**	**31**
1800	0	0	0	1—10	1	0	0	9	4	4	3	0	0	1	4	1	27
				11—27	0	0	0	0	1	0	0	0	1	1	0	0	3
				28—47	0	0	0	0	0	0	0	0	1	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**0**	**9**	**5**	**4**	**3**	**0**	**2**	**2**	**4**	**1**	**31**
2100	0	0	0	1—10	1	0	0	5	6	9	3	0	0	1	1	1	27
				11—27	0	0	0	0	1	0	0	1	1	1	0	0	4
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**0**	**5**	**7**	**9**	**3**	**1**	**1**	**2**	**1**	**1**	**31**

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

ABU SUEIR (A)—JANUARY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	6	0	0	1—10	1	0	0	0	4	0	1	0	2	10	6	0	24
				11—27	0	0	0	0	0	0	0	0	0	0	1	0	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**0**	**0**	**4**	**0**	**1**	**0**	**2**	**10**	**7**	**0**	**25**
0300	11	0	0	1—10	2	0	0	0	1	1	0	1	2	10	1	0	18
				11—27	0	0	0	0	0	0	0	0	0	2	0	0	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**0**	**0**	**0**	**1**	**1**	**0**	**1**	**2**	**12**	**1**	**0**	**20**
0600	11	0	0	1—10	0	0	1	0	1	0	1	0	3	7	1	0	14
				11—27	0	0	0	0	0	0	0	0	2	3	1	0	6
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**1**	**0**	**1**	**0**	**1**	**0**	**5**	**10**	**2**	**0**	**20**
0900	6	0	0	1—10	0	0	0	1	1	2	0	0	1	4	3	1	13
				11—27	0	0	0	0	1	0	0	0	0	5	5	1	12
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**1**	**2**	**2**	**0**	**0**	**1**	**9**	**8**	**2**	**25**
1200	3	0	0	1—10	2	1	2	0	0	1	0	2	3	1	1	1	14
				11—27	0	1	1	0	2	0	0	0	0	2	6	2	14
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**2**	**3**	**0**	**2**	**1**	**0**	**2**	**3**	**3**	**7**	**3**	**28**
1500	3	0	0	1—10	3	0	2	3	1	0	0	0	1	1	5	3	19
				11—27	1	1	0	1	0	0	0	0	0	2	3	1	9
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**1**	**2**	**4**	**1**	**0**	**0**	**0**	**1**	**3**	8	4	**28**
1800	9	0	0	1—10	1	4	1	3	1	0	1	1	2	3	2	0	19
				11—27	0	0	0	1	0	0	0	0	0	2	0	0	3
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**4**	**1**	**4**	**1**	**0**	1	**1**	**2**	**5**	**2**	**0**	**22**
2100	10	0	0	1—10	1	0	1	2	0	1	1	2	2	5	3	2	20
				11—27	0	0	0	0	0	0	0	0	0	0	1	0	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**1**	**2**	**0**	**1**	**1**	**2**	**2**	**5**	**4**	**2**	**21**

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

CAIRO (A)—JANUARY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	4	0	0	1—10	0	0	1	2	2	1	4	3	4	2	0	0	19
				11—27	0	0	0	0	0	3	2	3	0	0	0	0	8
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**1**	**2**	**2**	**4**	**6**	**6**	**4**	**2**	**0**	**0**	**27**
0300	3	0	0	1—10	0	0	1	0	1	3	3	4	2	3	0	1	18
				11—27	0	0	0	0	0	1	8	0	1	0	0	0	10
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**1**	**0**	**1**	**4**	**11**	**4**	**3**	**3**	**0**	**1**	**28**
0600	1	0	0	1—10	0	1	1	2	0	1	5	3	1	2	0	0	16
				11—27	0	0	0	0	0	1	12	1	0	0	0	0	14
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**1**	**1**	**2**	**0**	**2**	17	**4**	**1**	**2**	**0**	**0**	**30**
0900	1	0	0	1—10	0	2	2	0	0	1	1	3	1	4	1	0	15
				11—27	0	0	0	0	0	0	7	6	1	1	0	0	15
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**2**	**2**	**0**	**0**	**1**	**8**	**9**	**2**	**5**	**1**	**0**	**30**
1200	0	0	0	1—10	1	0	0	0	0	0	0	3	1	3	2	2	12
				11—27	1	1	1	0	0	0	2	8	3	2	1	0	19
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**1**	**1**	**0**	**0**	**0**	**2**	**11**	**4**	**5**	**3**	**2**	**31**
1500	0	0	0	1—10	2	1	1	0	0	0	1	5	1	5	2	5	23
				11—27	0	1	0	0	0	0	0	3	2	2	0	0	8
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**2**	**1**	**0**	**0**	**0**	**1**	**8**	**3**	**7**	**2**	**5**	**31**
1800	5	0	0	1—10	0	2	4	0	0	4	0	3	1	5	2	0	21
				11—27	0	0	0	0	0	0	3	2	0	0	0	0	5
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**2**	**4**	**0**	**0**	**4**	**3**	**5**	**1**	**5**	**2**	**0**	**26**
210	4	0	0	1—10	0	1	3	2	0	4	5	2	0	3	0	1	21
				11—27	0	0	0	0	0	3	2	1	0	0	0	0	6
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**1**	**3**	**2**	**0**	**7**	**7**	**3**	**0**	**3**	**0**	**1**	**27**

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

MOSTAFA HELMI (A) — JANUARY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
				1—10	2	1	5	0	0	1	1	2	9	1	3	1	26
				11—27	0	0	0	0	0	0	0	1	0	1	1	1	4
0000	1	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**1**	**5**	**0**	**0**	**1**	**1**	**3**	**9**	**2**	**4**	**2**	**30**
				1—10	0	0	2	1	1	2	3	2	6	4	3	1	25
				11—27	0	0	0	0	0	0	0	0	5	1	0	0	6
0300	0	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**2**	**1**	**1**	**2**	**3**	**2**	**11**	**5**	**3**	**1**	**31**
				1—10	0	2	1	0	0	1	5	2	3	3	5	0	22
				11—27	0	0	0	0	0	0	1	3	4	1	0	0	9
0600	0	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**2**	**1**	**0**	**0**	**1**	**6**	**5**	**7**	**4**	**5**	**0**	**31**
				1—10	2	0	1	0	0	0	0	1	2	3	3	0	12
				11—27	2	0	0	2	0	0	0	4	7	1	3	0	19
0900	0	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**0**	**1**	**2**	**0**	**0**	**0**	**5**	**9**	**4**	**6**	**0**	**31**
				1—10	3	1	0	0	0	0	0	1	3	2	0	0	10
				11—27	2	0	2	1	0	0	0	2	3	4	3	4	21
1200	0	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**5**	**1**	**2**	**1**	**0**	**0**	**0**	**3**	**6**	**6**	**3**	**4**	**31**
				1—10	5	1	2	0	0	0	0	1	1	0	2	2	14
				11—27	2	1	2	0	0	0	1	1	2	5	0	3	17
1500	0	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**7**	**2**	**4**	**0**	**0**	**0**	**1**	**2**	**3**	**5**	**2**	**5**	**31**
				1—10	7	5	1	0	0	1	2	0	3	3	0	2	24
				11—27	0	2	1	0	0	0	0	1	0	1	1	0	6
1800	1	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**7**	**7**	**2**	**0**	**0**	**1**	**2**	**1**	**3**	**4**	**1**	**2**	**30**
				1—10	2	4	1	0	0	1	4	3	2	4	1	3	25
				11—27	0	0	1	1	0	0	0	0	1	1	0	0	4
2100	2	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**4**	**2**	**1**	**0**	**1**	**4**	**3**	**3**	**5**	**1**	**3**	**29**

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

ABBASIYA—JANUARY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	17	0	0	1—10	0	0	1	0	0	2	4	4	0	2	0	0	13
				11—27	0	0	0	0	0	0	0	0	1	0	0	0	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**1**	**0**	**0**	**2**	**4**	**4**	**1**	**2**	**0**	**0**	**14**
0300	15	0	0	1—10	0	0	0	0	1	3	4	5	3	0	0	0	16
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speesd	**0**	**0**	**0**	**0**	**1**	**3**	**4**	**5**	**3**	**0**	**0**	**0**	**16**
0600	11	0	0	1—10	0	0	0	0	0	5	9	1	4	0	0	1	20
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**0**	**5**	**9**	**1**	**4**	**0**	**0**	**1**	**20**
0900	0	0	0	1—10	1	1	1	0	0	0	7	10	4	3	0	0	27
				11—27	1	0	0	0	0	0	2	1	0	0	0	0	4
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**1**	**1**	**0**	**0**	**0**	**9**	**11**	**4**	**3**	**0**	**0**	**31**
1200	0	0	0	1—10	0	2	0	0	0	0	6	3	4	3	1	5	24
				11—27	0	0	1	0	0	0	2	2	1	0	0	1	7
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**2**	**1**	**0**	**0**	**0**	**8**	**5**	**5**	**3**	**1**	**6**	**31**
1500	5	0	0	1—10	3	2	1	0	0	0	4	6	3	2	1	3	25
				11—27	0	0	0	0	0	0	0	1	0	0	0	0	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**2**	**1**	**0**	**0**	**0**	**4**	**7**	**3**	**2**	**1**	**3**	**26**
1800	14	0	0	1—10	2	2	0	1	1	2	1	3	3	0	1	1	17
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**2**	**0**	**1**	**1**	**2**	**1**	**3**	**3**	**0**	**1**	**1**	**17**
2100	17	0	0	1—10	1	1	0	0	4	0	4	1	1	2	0	0	14
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**1**	**0**	**0**	**4**	**0**	**4**	**1**	**1**	**2**	**0**	**0**	**14**

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

ALMAZA (A) — JANUARY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												All directions
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	
0000	1	0	0	1—10	0	0	1	2	1	3	5	3	7	1	0	2	25
				11—27	0	0	0	0	0	0	1	2	0	2	0	0	5
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**1**	**2**	**1**	**3**	**6**	**5**	**7**	**3**	**0**	**2**	**30**
0300	1	0	0	1—10	0	2	0	2	1	1	4	7	2	4	1	0	24
				11—27	0	0	0	0	0	0	2	4	0	0	0	0	6
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**2**	**0**	**2**	**1**	**1**	**6**	**11**	**2**	**4**	**1**	**0**	**30**
0600	0	0	0	1—10	1	0	2	0	3	2	6	3	4	1	2	0	24
				11—27	0	0	0	0	0	0	2	4	1	0	0	0	7
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**2**	**0**	**3**	**2**	8	**7**	**5**	**1**	**2**	**0**	**31**
0900	0	0	0	1—10	1	1	2	0	0	0	0	3	5	2	3	0	17
				11—27	0	0	0	2	0	0	1	8	2	1	0	0	14
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**1**	**2**	**2**	**0**	**0**	**1**	**11**	**7**	**3**	**3**	**0**	**31**
1200	0	0	0	1—10	2	1	1	0	0	0	0	4	5	1	4	2	20
				11—27	0	0	0	2	0	0	0	3	3	3	0	0	11
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**1**	**1**	**2**	**0**	**0**	**0**	**7**	**8**	**4**	**4**	**2**	**31**
1500	0	0	0	1—10	5	2	3	0	0	0	0	5	2	8	1	2	28
				11—27	0	0	0	0	0	0	0	1	1	1	0	0	3
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**5**	**2**	**3**	**0**	**0**	**0**	**0**	**6**	**3**	**9**	**1**	**2**	**31**
1800	2	0	0	1—10	1	4	2	1	3	2	5	1	3	2	1	1	26
				11—27	0	0	0	1	0	0	0	1	1	0	0	0	3
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**4**	**2**	**2**	**3**	**2**	**5**	**2**	**4**	**2**	**1**	**1**	**29**
2100	2	0	0	1—10	0	1	3	0	3	2	5	7	2	2	0	1	26
				11—27	0	0	0	0	0	1	1	0	0	1	0	0	3
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	**1**	**3**	**0**	**3**	**3**	**6**	**7**	**2**	**3**	**0**	**1**	**29**

TABLE A 10. NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIBECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

HELWAN—JANUARY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number in cases of occurences of wind blowing from tbe ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
				1—10	0	2	1	1	3	2	0	1	0	0	0	1	11
				11—27	0	0	2	1	0	0	0	0	0	0	0	0	3
0000	17	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**2**	**3**	**2**	**3**	**2**	**0**	**1**	**0**	**0**	**0**	**1**	**14**
				1—10	0	2	4	5	5	4	0	0	0	0	0	1	21
				11—27	0	0	1	0	0	0	0	0	0	0	0	0	1
0300	9	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**5**	**5**	**5**	**4**	**0**	**0**	**0**	**0**	**0**	**1**	**22**
				1—10	0	2	3	3	6	2	1	0	0	0	0	0	17
				11—27	0	0	0	0	0	0	1	0	0	0	0	0	1
0600	13	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**2**	**3**	**3**	**6**	**2**	**2**	**0**	**0**	**0**	**0**	**0**	**18**
				1—10	0	1	2	5	0	2	5	1	1	1	0	1	19
				11—27	0	0	1	0	1	2	0	0	0	0	0	0	4
0900	8	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**1**	**3**	**5**	**1**	**4**	**5**	**1**	**1**	**1**	**0**	**1**	**23**
				1—10	2	1	0	1	0	2	2	3	2	2	3	2	20
				11—27	1	0	0	0	0	0	1	3	1	0	0	1	7
1200	4	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**1**	**0**	**1**	**0**	**2**	**3**	**6**	**3**	**2**	**3**	**3**	**27**
				1—10	2	2	1	0	0	1	6	3	3	1	0	2	21
				11—27	1	1	0	0	0	0	0	0	1	0	0	2	5
1500	5	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**3**	**1**	**0**	**0**	**1**	**6**	**3**	**4**	**1**	**0**	**4**	**26**
				1—10	4	2	1	0	0	1	3	1	1	1	0	2	16
				11—27	1	0	1	0	0	0	1	0	1	0	0	0	4
1800	11	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**5**	**2**	**2**	**0**	**0**	**1**	**4**	**1**	**2**	**1**	**0**	**2**	**20**
				1—10	1	5	0	2	3	2	0	1	0	0	1	0	15
				11—27	2	0	1	0	0	0	0	0	0	0	0	0	3
2100	13			28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**5**	**1**	**2**	**3**	**2**	**0**	**1**	**0**	**0**	**1**	**0**	**18**

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

MINYA (A)—JANUARY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of direstions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	7	0	1	1—10	1	1	0	0	2	5	2	1	0	1	5	4	22
				11—27	0	0	0	0	0	0	0	0	0	1	0	0	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**1**	**0**	**0**	**2**	**5**	**2**	**1**	**0**	**2**	**5**	**4**	**23**
0300	8	0	1	1—10	2	0	0	0	1	5	2	1	0	0	7	1	19
				11—27	1	1	0	0	0	0	1	0	0	0	0	0	3
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**1**	**0**	**0**	**1**	**5**	**3**	**1**	**0**	**0**	**7**	**1**	**22**
0600	2	0	3	1—10	5	1	0	0	0	9	5	0	0	1	0	4	25
				11—27	0	0	0	0	0	0	0	0	0	0	0	1	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**5**	**1**	**0**	**0**	**0**	**9**	**5**	**0**	**0**	**1**	**0**	**5**	**26**
0900	1	0	3	1—10	3	3	0	0	0	1	6	4	1	0	1	1	20
				11—27	2	1	0	0	0	0	0	0	1	1	2	0	7
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**5**	**4**	**0**	**0**	**0**	**1**	**6**	**4**	**2**	**1**	**3**	**1**	**27**
1200	0	0	1	1—10	2	4	1	0	0	1	2	4	2	1	5	2	24
				11—27	1	1	0	0	0	0	0	1	0	2	0	1	6
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**5**	**1**	**0**	**0**	**1**	**2**	**5**	**2**	**3**	**5**	**3**	**30**
1500	4	0	2	1—10	9	2	0	0	0	3	0	1	3	2	4	0	24
				11—27	0	0	0	0	0	0	0	0	0	1	0	0	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**9**	**2**	**0**	**0**	**0**	**3**	**0**	**1**	**3**	**3**	**4**	**0**	**25**
1800	6	0	5	1—10	3	3	0	1	1	3	1	0	1	2	3	1	19
				11—27	1	0	0	0	0	0	0	0	0	0	0	0	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**3**	**0**	**1**	**1**	**3**	**1**	**0**	**1**	**2**	**3**	**1**	**20**
2100	5	0	3	1—10	7	1	0	0	1	3	3	0	1	1	6	0	23
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**7**	**1**	**0**	**0**	**1**	**3**	**3**	**0**	**1**	**1**	**6**	**0**	**23**

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

ASSYOUT (A)—JANUARY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	11	0	0	1—10	0	0	0	0	0	1	0	1	5	10	1	1	19
				11—27	0	0	0	0	0	0	0	1	0	0	0	0	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**2**	**5**	**10**	**1**	**1**	**20**
0300	14	0	1	1—10	0	0	0	0	0	0	1	2	2	10	0	0	15
				11—27	0	0	0	0	0	0	0	0	0	1	0	0	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**2**	**2**	**11**	**0**	**0**	**16**
0600	18	0	0	1—10	0	0	0	0	1	0	1	0	5	4	0	0	11
				11—27	0	0	0	0	0	0	0	0	2	0	0	0	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**1**	**0**	**1**	**0**	**7**	**4**	**0**	**0**	**13**
0900	15	0	0	1—10	0	1	0	1	0	0	0	0	0	3	3	6	14
				11—27	0	0	0	0	0	0	0	0	0	2	0	0	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**1**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**5**	**3**	**6**	**16**
1200	2	0	0	1—10	2	2	0	0	1	1	0	1	1	1	1	11	21
				11—27	2	0	0	0	0	0	0	0	0	2	0	4	8
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**2**	**0**	**0**	**1**	**1**	**0**	**1**	**1**	**3**	**1**	**15**	**29**
1500	5	0	0	1—10	1	0	1	0	2	0	0	0	2	6	6	10	23
				11—27	0	0	0	0	0	0	0	0	0	2	0	1	3
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**1**	**0**	**2**	**0**	**0**	**0**	**2**	**3**	**6**	**11**	**26**
1800	14	0	0	1—10	0	0	0	0	0	0	2	1	4	5	1	2	17
				11—27	0	0	0	0	0	0	0	0	0	2	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**1**	**4**	**7**	**1**	**2**	**17**
2100	15	0	0	1—10	0	0	0	0	0	0	1	1	5	6	1	1	15
				11—27	0	0	0	0	0	0	0	0	0	1	0	0	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**5**	**7**	**1**	**1**	**16**

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

LUXOR(A)—JANUARY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	8	0	0	1—10	4	2	0	1	0	1	1	10	1	2	0	1	23
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**2**	**0**	**1**	**0**	**1**	**1**	**10**	**1**	**2**	**0**	**1**	**23**
0300	12	0	0	1—10	1	2	0	0	1	2	1	8	1	3	0	0	19
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**2**	**0**	**0**	**1**	**2**	**1**	**8**	**1**	**3**	**0**	**0**	**19**
0600	10	0	0	1—10	0	0	1	2	2	2	3	5	3	1	1	1	21
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**1**	**2**	**2**	**2**	**3**	**5**	**3**	**1**	**1**	**1**	**21**
0900	1	0	0	1—10	7	6	1	1	0	2	0	0	5	0	1	7	30
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**7**	**6**	**1**	**1**	**0**	**2**	**0**	**0**	**5**	**0**	**1**	**7**	**30**
1200	0	0	0	1—10	11	5	1	0	0	0	0	0	0	3	0	9	29
				11—27	1	0	0	0	0	0	0	0	0	1	0	0	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	12	5	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**4**	**0**	**9**	**31**
1500	9	0	0	1—10	4	4	0	0	0	0	0	0	1	1	1	10	21
				11—27	0	0	0	0	0	0	0	0	0	0	1	0	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**4**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**2**	**10**	**22**
1800	9	0	0	1—10	5	3	2	1	1	0	0	0	1	2	1	6	22
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**5**	**3**	**2**	**1**	**1**	**0**	**0**	**0**	**1**	**2**	**1**	**6**	**22**
2100	8	0	0	1—10	3	2	1	1	1	0	2	6	5	1	0	1	23
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**2**	**1**	**1**	**1**	**0**	**2**	**6**	**5**	**1**	**0**	**1**	**23**

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

ASWAN (A)—JANUARY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	11	0	0	1—10	17	0	0	0	0	0	0	0	0	1	1	1	20
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**17**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**1**	**20**
0300	20	0	0	1—10	10	0	0	0	0	0	0	0	0	0	1	0	11
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**10**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**11**
0600	13	0	0	1—10	14	1	0	0	0	0	1	0	0	0	0	1	17
				11—27	0	0	0	0	0	0	0	0	0	0	1	0	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**14**	**1**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**1**	**1**	**18**
0900	8	0	0	1—10	12	1	0	0	0	0	0	0	0	0	0	0	13
				11—27	8	0	0	0	0	0	0	0	1	0	1	0	10
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**20**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**1**	**0**	**23**
1200	5	0	0	1—10	13	0	1	1	0	0	1	0	0	0	0	1	17
				11—27	6	0	0	0	0	0	0	0	0	2	1	0	9
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**19**	**0**	**1**	**1**	**0**	**0**	**1**	**0**	**0**	**2**	**1**	**1**	**26**
1500	4	0	0	1—10	16	1	0	0	0	0	0	0	0	1	2	0	20
				11—27	5	0	0	0	0	0	0	0	1	0	0	1	7
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**21**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**2**	**1**	**27**
1800	5	0	0	1—10	15	1	0	0	0	0	1	0	0	4	0	0	21
				11—27	4	0	0	0	0	0	0	0	0	0	1	0	5
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**19**	**1**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**4**	**1**	**0**	**26**
2100	11	0	0	1—10	14	1	0	0	0	0	0	0	0	1	2	2	20
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**14**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**2**	**2**	**20**

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

SIWA — JANUARY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
				1—10	1	0	0	1	2	0	0	0	0	8	9	2	23
				11—27	0	0	0	0	0	0	1	0	0	1	1	0	3
0000	5	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**0**	**1**	**2**	**0**	**1**	**0**	**0**	**9**	**10**	**2**	**26**
				1—10	1	0	0	1	0	1	0	1	0	7	5	2	18
				11—27	0	0	0	0	0	0	1	0	0	0	2	0	3
0300	10	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**0**	**1**	**0**	**1**	**1**	**1**	**0**	**7**	**7**	**2**	21
				1—10	0	0	0	1	1	0	1	2	0	6	6	0	17
				11—27	0	0	0	0	0	0	1	0	0	0	1	1	3
0600	11	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**1**	**1**	**0**	**2**	**2**	**0**	**6**	**7**	**1**	**20**
				1—10	0	0	0	0	0	3	0	2	4	1	7	2	19
				11—27	0	0	0	0	2	0	0	1	0	1	5	2	11
0900	1	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**2**	**3**	**0**	3	**4**	**2**	**12**	**4**	**30**
				1—10	2	0	0	0	0	1	1	1	0	2	1	2	10
				11—27	0	0	0	0	1	1	0	0	2	2	12	3	21
1200	0	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**0**	**0**	**0**	**1**	**2**	**1**	**1**	**2**	**4**	**13**	5	**31**
				1—10	1	0	0	0	1	1	2	0	0	0	6	0	11
				11—27	2	0	0	0	0	0	2	1	1	0	9	5	20
1500	0	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**0**	**0**	**0**	**1**	**1**	**4**	**1**	**1**	**0**	15	**5**	**31**
				1—10	**3**	0	0	0	0	3	2	0	0	10	0	1	19
				11—27	1	0	0	0	0	0	1	0	0	1	6	0	9
1800	3	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**0**	**0**	**0**	**0**	**3**	3	**0**	**0**	**11**	**6**	**1**	28
				1—10	1	0	0	0	1	1	0	0	0	3	11	3	20
				11—27	0	1	0	0	0	0	1	0	0	2	0	0	4
2100	7	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**1**	**0**	**0**	**1**	**1**	**1**	**0**	**0**	**5**	**11**	**3**	24

TABLE A 10—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

BAHARIYA—JANUARY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	19	0	0	1—10	1	1	0	0	0	0	0	0	2	3	1	1	9
				11—27	0	0	0	0	0	0	0	0	0	2	1	0	3
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**5**	**2**	**1**	**12**
0300	18	0	0	1—10	1	1	0	0	0	0	0	2	1	3	3	0	11
				11—27	0	0	0	0	0	0	0	0	0	2	0	0	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**1**	**0**	**0**	**0**	**0**	**0**	**2**	**1**	**5**	**3**	**0**	**13**
0600	19	0	0	1—10	1	0	0	0	0	0	1	1	3	2	1	1	10
				11—27	0	0	0	0	0	0	0	0	1	1	0	0	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**4**	**3**	**1**	**1**	**12**
0900	5	0	0	1—10	2	2	0	0	1	0	0	3	3	4	0	4	19
				11—27	0	0	0	0	0	0	1	0	0	2	3	1	7
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**2**	**0**	**0**	**1**	**0**	**1**	**3**	**3**	**6**	**3**	**5**	**26**
1200	0	0	0	1—10	3	0	2	1	0	0	0	0	2	4	2	3	17
				11—27	2	0	0	0	0	0	0	1	0	5	3	3	14
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**5**	**0**	**2**	**1**	**0**	**0**	**0**	**1**	**2**	**9**	**5**	**6**	**31**
1500	0	0	0	1—10	5	2	1	1	0	0	0	1	1	5	1	4	19
				11—27	0	0	0	0	0	0	0	0	0	5	1	4	12
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**5**	**2**	**1**	**1**	**0**	**0**	**0**	**1**	**1**	**10**	**2**	**8**	**31**
1800	4	0	0	1—10	4	1	0	2	1	1	0	0	2	5	3	4	23
				11—27	0	0	0	0	0	0	0	0	1	2	0	1	4
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**1**	**0**	**2**	**1**	**1**	**0**	**0**	**3**	**7**	**3**	**5**	**27**
2100	11	0	0	1—10	1	2	0	0	0	0	0	1	0	7	3	3	17
				11—27	0	0	0	0	0	0	0	0	0	1	2	0	3
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**2**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**8**	**5**	**3**	**20**

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

FARAFRA—JANUARY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from tht ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	20	0	0	1—10	1	0	0	0	0	0	0	0	1	5	2	2	11
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	9	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**5**	**2**	**2**	**11**
0300	1	0	27	1—10	0	0	0	0	0	0	0	0	0	3	0	0	3
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**3**	**0**	**0**	**3**
0600	16	0	0	1—10	2	0	0	0	0	0	0	3	1	5	1	3	15
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**3**	**1**	**5**	**1**	**3**	**15**
0900	6	0	0	1—10	4	2	4	0	0	0	0	2	1	5	3	3	24
				11—27	0	0	0	0	0	0	0	0	0	1	0	0	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**2**	**4**	**0**	**0**	**0**	**0**	**2**	**1**	**6**	**3**	**3**	**25**
1200	4	0	0	1—10	3	2	3	0	0	1	0	0	2	3	0	9	23
				11—27	0	0	0	0	0	0	0	1	0	1	1	1	4
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**2**	**3**	**0**	**0**	**1**	**0**	**1**	**2**	**4**	**1**	**10**	**27**
1500	6	0	0	1—10	3	1	1	1	0	1	0	0	1	1	3	10	22
				11—27	0	0	0	0	0	0	0	0	0	1	2	0	3
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	1	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**1**	**1**	**1**	**0**	**1**	**0**	**0**	**1**	**2**	**5**	**10**	**25**
1800	20	0	0	1—10	0	0	0	0	0	0	0	0	2	1	2	6	11
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**1**	**2**	**6**	**11**
2100	1	0	27	1—10	0	0	0	0	0	0	1	0	0	1	1	0	3
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**1**	**1**	**0**	**3**

TABLE A 10—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

DAKHLA—JANUARY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	5	0	0	1—10	1	0	0	1	1	0	0	1	6	8	6	2	26
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**0**	**1**	**1**	**0**	**0**	**1**	**6**	**8**	**6**	**2**	**26**
0300	10	0	0	1—10	0	0	0	2	0	0	1	1	5	7	1	3	20
				11—27	0	0	0	0	0	0	0	0	0	1	0	0	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**2**	**0**	**0**	**1**	**1**	**5**	**8**	**1**	**3**	**21**
0600	7	0	0	1—10	1	0	4	1	1	0	1	0	7	5	3	1	24
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**4**	**1**	**1**	**0**	**1**	**0**	**7**	**5**	**3**	**1**	**24**
0900	1	0	0	1—10	0	0	3	2	0	0	2	0	0	4	8	7	26
				11—27	0	0	0	0	0	0	0	0	0	1	1	2	4
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**3**	**2**	**0**	**0**	**2**	**0**	**0**	**5**	**9**	**9**	**30**
1200	0	0	0	1—10	1	1	3	0	0	1	1	0	0	2	5	2	16
				11—27	2	0	0	0	0	0	0	0	0	3	2	8	15
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**1**	**3**	**0**	**0**	**1**	**1**	**0**	**0**	**5**	**7**	**10**	**31**
1500	0	0	0	1—10	2	1	1	0	0	0	0	1	1	1	6	9	22
				11—27	1	0	0	0	0	0	0	0	0	1	2	5	9
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**1**	**1**	**0**	**0**	**0**	**0**	**1**	**1**	**2**	**8**	**14**	**31**
1800	0	0	0	1—10	4	0	0	0	1	1	2	2	0	6	12	3	31
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**0**	**0**	**0**	**1**	**1**	**2**	**2**	**0**	**6**	**12**	**3**	**31**
2100	2	0	0	1—10	0	0	1	1	2	2	2	1	3	6	**10**	0	28
				11—27	0	0	0	0	0	0	0	0	0	1	0	0	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**1**	**1**	**2**	**2**	**2**	**1**	**3**	**7**	**10**	**0**	**29**

TABLE A 10—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

KHARGA—JANUARY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	29	0	0	1—10	2	0	0	0	0	0	0	0	0	0	0	0	2
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**
0300	31	0	0	1—10	0	0	0	0	0	0	0	0	0	0	0	0	0
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
0600	28	0	0	1—10	2	1	0	0	0	0	0	0	0	0	0	0	3
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**3**
0900	11	0	0	1—10	9	4	0	2	1	1	0	0	1	1	0	0	19
				11—27	1	0	0	0	0	0	0	0	0	0	0	0	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**10**	**4**	**0**	**2**	**1**	**1**	**0**	**0**	**1**	**1**	**0**	**0**	**20**
1200	7	0	0	1—10	13	1	0	1	1	1	1	0	0	0	1	0	19
				11—27	4	0	0	0	0	0	0	0	0	1	0	0	5
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**17**	**1**	**0**	**1**	**1**	**1**	**1**	**0**	**0**	**1**	**1**	**0**	**24**
1500	12	0	0	1—10	11	1	0	1	0	0	0	0	0	0	1	0	14
				11—27	3	0	0	0	0	0	0	0	0	2	0	0	5
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**14**	**1**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**2**	**1**	**0**	**19**
1800	26	0	0	1—10	5	0	0	0	0	0	0	0	0	0	0	0	5
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All sppeds	**5**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**5**
2100	31	0	0	1—10	0	0	0	0	0	0	0	0	0	0	0	0	0
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

TABLE A 10—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

TOR—JANUARY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
				1—10	7	10	0	0	0	0	0	1	0	0	0	1	19
				11—27	0	0	0	0	0	0	0	0	0	1	2	2	5
0000	7	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**7**	**10**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**1**	**2**	**3**	**24**
				1—10	6	5	0	0	0	0	0	0	0	1	0	2	14
				11—27	0	0	0	0	0	0	0	0	0	0	1	3	4
0300	13	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**6**	**5**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**5**	**18**
				1—10	8	9	1	0	0	0	0	0	0	1	0	1	20
				11—27	0	0	0	0	0	0	0	0	0	0	2	2	4
0600	7	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**8**	**9**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**2**	**3**	**24**
				1—10	1	0	0	0	0	0	0	0	1	5	9	0	16
				11—27	1	0	0	0	0	0	0	0	0	1	2	1	5
0900	10	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**6**	**11**	**1**	**21**
				1—10	3	1	2	1	1	0	0	0	1	0	1	3	13
				11—27	0	0	0	0	0	0	0	0	0	1	0	3	4
1200	14	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**1**	**2**	**1**	**1**	**0**	**0**	**0**	**1**	**1**	**1**	**6**	**17**
				1—10	0	0	0	0	0	1	1	0	0	1	7	3	13
				11—27	0	0	0	0	0	0	0	0	0	1	5	1	7
1500	11	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**0**	**0**	**2**	**12**	**4**	**20**
				1—10	3	1	0	0	1	2	0	0	0	0	2	1	10
				11—27	1	0	0	0	0	0	0	0	0	3	2	1	7
1800	14	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**1**	**0**	**0**	**1**	**2**	**0**	**0**	0	**3**	**4**	**2**	**17**
				1—10	0	0	0	0	0	0	0	0	2	7	6	0	15
				11—27	0	0	0	0	0	0	0	0	0	2	4	2	8
2100	8	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	2	**9**	**10**	**2**	**23**

TABLE A 10—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

HURGHADA—JANUARY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	0	0	0	1—10	0	0	0	0	0	0	0	0	4	2	6	3	15
				11—27	0	0	0	0	0	0	0	0	0	2	12	2	16
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	0	0	0	0	0	0	0	4	4	18	5	31
0300	1	0	0	1—10	0	0	0	0	0	0	0	0	2	3	8	4	17
				11—27	0	0	0	0	0	0	0	0	0	0	13	0	13
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	0	0	0	0	0	0	0	2	3	21	4	30
0600	0	0	0	1—10	0	0	0	0	0	0	0	0	0	2	13	0	15
				11—27	0	0	0	0	0	0	0	0	0	0	16	0	16
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	0	0	0	0	0	0	0	0	2	29	0	31
0900	1	0	0	1—10	1	2	0	1	0	1	0	0	0	1	0	5	11
				11—27	1	0	0	0	0	0	0	0	0	0	2	15	18
				28—47	0	0	0	0	0	0	0	0	0	0	0	1	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	2	0	1	0	1	0	0	0	1	2	21	30
1200	0	0	0	1—10	4	6	3	2	0	2	0	0	0	0	1	1	19
				11—27	8	1	0	0	0	0	0	0	0	0	1	1	11
				28—47	0	0	0	0	0	0	0	0	0	0	0	1	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speds	12	7	3	2	0	2	0	0	0	0	2	3	31
1500	0	0	0	1—10	6	2	0	5	3	1	0	0	0	0	0	1	18
				11—27	6	0	0	0	0	0	0	0	0	0	1	6	13
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	12	2	0	5	3	1	0	0	0	0	1	7	31
1800	3	0	0	1—10	0	0	0	0	0	1	2	3	3	2	4	0	15
				11—27	1	0	0	0	0	0	0	0	0	0	2	9	12
				28—47	0	0	0	0	0	0	0	0	0	0	0	1	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	1	0	0	0	0	1	2	3	3	2	6	10	28
2100	1	0	0	1—10	0	0	0	0	0	0	0	4	2	1	7	2	16
				11—27	0	0	0	0	0	0	0	0	0	2	9	3	14
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	0	0	0	0	0	0	4	2	3	16	5	30

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

QUSEIR—JANUARY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	2	0	0	1—10	0	0	0	0	0	0	0	1	0	20	5	0	26
				11—27	0	0	0	0	0	0	0	0	0	0	0	3	3
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**20**	**5**	**3**	**29**
0300	2	0	0	1—10	0	0	0	0	0	0	0	0	2	20	3	1	26
				11—27	0	0	0	0	0	0	0	0	0	1	1	1	3
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**21**	**4**	**2**	**29**
0600	2	0	0	1—10	0	0	0	0	0	0	0	1	0	14	5	0	20
				11—27	1	0	0	0	0	0	0	0	1	1	5	1	9
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**1**	15	**10**	**1**	**29**
0900	2	0	0	1—10	7	1	1	1	0	0	0	0	0	1	1	3	15
				11—27	1	0	0	0	0	0	0	0	1	1	0	11	14
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**8**	**1**	**1**	**1**	**0**	**0**	**0**	**0**	**1**	**2**	**1**	**14**	**29**
1200	0	0	0	1—10	2	5	5	2	0	0	0	0	0	1	0	0	15
				11—27	8	1	0	0	0	0	0	1	0	1	0	5	16
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**10**	**6**	**5**	**2**	**0**	**0**	**0**	**1**	**0**	**2**	**0**	**5**	**31**
1500	0	0	0	1—10	6	4	1	4	1	0	0	0	0	0	0	2	18
				11—27	9	0	0	0	0	0	0	0	0	2	1	1	13
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**15**	**4**	**1**	**4**	**1**	**0**	**0**	**0**	**0**	**2**	**1**	**3**	**31**
1800	4	0	0	1—10	0	0	0	0	0	0	0	3	1	10	5	3	20
				11—27	1	0	0	0	0	0	0	0	0	0	2	1	6
				28—47	1	0	0	0	0	0	0	0	0	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**3**	**1**	**10**	**7**	**4**	**27**
2100	7	0	0	1—10	0	0	0	0	0	0	1	2	1	11	4	0	19
				11—27	0	0	0	0	0	0	0	0	0	0	0	5	5
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**2**	**1**	**11**	**4**	**5**	**24**

TABLE B 1.—UPPER AIR CLIMATOLOGICAL DATA

MERSA MATRUH (A)—0000 U. T. — JANUARY 1962

Pressure surfase (millibar)	Heights of pressure surfaces (gpm.)				Temperature (°C)				Dew point (°C)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
		*	*	*						
Surface of station . .	31	1013mb.	1021mb.	1006mb.	31	12.1	16.4	9.8	31	8.1
1000	31	156	215	92	31	12.8	18·9	10.0	31	8.4
850	31	1502	1570	1430	31	5.0	15.1	1.0	29	— 2.3
700	31	3065	3158	2965	31	— 2.7	4.6	— 8.7	17	—12·6
600	31	4266	4386	4135	31	—10.4	— 4.0	—17.1	12	—20·1
500	31	5643	5793	5479	31	—20.3	—13.4	—26.8	13	—26·2
400	31	7259	7449	7047	31	—32.0	—25.3	—39.8	13	— 38.0
300	31	9235	9481	8963	31	—44.0	— 38.0	—50.6	—	—
200	31	11873	12137	11657	31	—55.2	—47.0	—65.0	—	—
150	31	13697	13886	13535	31	—58.2	—51.7	—70.1	—	—
100	29	16222	16382	16101	29	—63.2	—54.8	—70.7	—	—
60	20	19380	19490	19226	20	—60.4	—53.7	—68.5	—	—
40	12	21921	22019	21818	12	—57.3	—54.3	—62·9	—	—
30	3	23663	23753	23584	3	—59.9	—57.5	—64.6	—	—
20	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	

N = Number of observations of specified pressure surfaces.

* The atmospheric pressure corrected to the elevation of the radiosonde station.

TABLE B 1.—UPPER AIR CLIMATOLOGICAL DATA

MERSA MATRUH (A)— 1200 U. T. — JANUARY 1962

Pressure surface (millibar)	Heights of pressure surfaces (gpm.)				Temperature (°C)				Dew point (°C)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
		*	*	*						
Surface of station . .	31	1013mb.	1020mb.	1004mb.	31	17.7	23.0	15.2	31	8.7
1000	31	152	209	76	31	16.6	22.4	13·8	31	7.9
850	31	1511	1570	1430	31	6.1	16 8	1.2	31	— 8.1
700	31	3076	3167	2975	31	— 1.9	4.8	— 6.9	18	—14.4
600	31	4282	4402	4164	31	— 9.7	2.8	—17.4	12	—21.3
500	31	5662	5822	5499	31	—19.2	—12.1	—27.8	8	—27.0
400	31	7285	7502	7070	31	30.6	20.7	—37.0	6	— 35.2
300	31	9273	9561	9035	31	—44.0	36.8	—49.6	—	—
200	31	11913	12247	11706	31	—55.1	46 0	—63.9	—	—
150	30	13740	14016	13540	30	—57.9	49.8	—69.9	—	—
100	28	16262	16444	16091	28	62.6	56.2	75.0	—	—
60	21	19431	19529	19303	21	—60.7	53.7	—67.3	—	—
40	11	21999	22081	21871	11	—55.4	48.6	—59 5	—	—
30	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—

N = Number of observations of specified pressure surfaces.

* The atmospheric pressure corrected to the elevation of the radiosonde station.

TABLE B 1.—UPPER AIR CLIMATOLOGICAL DATA

HELWAN —0000 U. T. — JANUARY 1962

Pressure surface (millibar)	Heights of pressure surfaces (gpm.)				Temperature (°C)				Dew point (°C)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
Surface of station . .	28	* 1000mb.	* 1007mb.	* 995mb.	28	11.0	14.4	7.6	28	3.5
1000	28	145	199	100	18	11.0	13.6	7.8	18	4.2
850	28	1493	1557	1433	28	6.0	12.8	0.7	27	— 4.5
700	28	3061	3161	2968	28	— 1.6	6.5	—10.2	15	—14.2
600	28	4275	4409	4137	28	— 8.7	— 0.7	—14.6	11	—21.0
500	28	5658	5835	5483	28	—18.4	—12.2	—23.2	8	—28.5
400	28	7290	7501	7064	28	—29.3	—24.5	—36.7	5	—34.7
300	28	9290	9520	9035	28	—42.6	—36.7	—48.8	—	—
200	26	11950	12153	11742	26	—55.7	—45.8	—63.7	—	—
150	20	13766	13987	13532	20	—57.5	—51.2	—62.6	—	—
100	15	16280	16483	16036	15	—63.4	—57.4	—68.2	—	—
60	3	19397	19435	19335	3	—63.3	—61.4	—66.1	—	—
40	3	21923	21950	21880	3	—57.8	—54.8	—59.7	—	—
30	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—

N = Number of observations of specified pressure surfaces.

* The atmospheric pressure corrected to the elevation of the radiosonde station.

TABLE B 1.—UPPER AIR CLIMATOLOGICAL DATA

HELWAN —1200 U. T. — JANUARY 1962

Pressure surface (millibar)	Heights of pressure surfaces (gpm.)				Temperature (°C)				Dew point (°C)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
Surface of station . .	29	* 1000mb.	* 1007mb.	* 994 mb.	29	18.3	22.8	14.4	29	5.2
1000	29	138	198	92	17	17.9	21.0	14.8	17	5.5
850	29	1497	1554	1426	29	6.4	12.8	2.4	28	— 4.3
700	29	3070	3162	3000	29	— 0.9	8.0	— 6.6	18	—15.6
600	29	4284	4410	4198	29	— 8.2	— 1.0	—14.2	12	—23.0
500	29	5676	5836	5570	29	—17.4	—11.7	—23.7	9	—27.8
400	29	7312	7502	7176	29	—28.5	—24.9	—34.5	6	—34.2
300	28	9311	9521	9146	28	—41.9	—33.8	—45.6	—	—
200	24	11969	12144	11848	24	—54.1	—47.2	—60.8	—	—
150	20	13778	13926	13636	20	—57.2	—49.4	—61.0	—	—
100	13	16302	16436	16191	13	—62.9	—56.1	—69.0	—	—
60	5	19476	19606	19350	5	—58.5	—55.3	—63.2	—	—
40	2	22107	22306	21806	2	—55.4	—50.0	—60.9	—	—
30	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—

N = Number of observations of specified pressure surfaces.

* The atmospheric pressure corrected to the elevation of the radiosonde station.

TABLE B 1.—UPPER AIR CLIMATOLOGICAL DATA

ASWAN (A)—0000 U. T. — JANUARY 1962

Pressure surface (millibar)	Heights of pressure surfaces (gpm.)				Temperature (°C)				Dew point (°C)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
		*	*	*						
Surface of station . .	23	1004mb.	1008mb.	1000mb.	23	13.0	17.2	8.2	23	1.8
1000	23	139	172	106	23	13.1	17.3	9.0	23	2.4
850	23	1500	1521	1479	23	9.1	17.7	— 1.5	19	— 3.7
700	23	3094	3147	3010	23	3.8	8.1	— 5.6	1	—11.8
600	23	4329	4398	4211	23	— 3.0	1.7	— 9.2	3	—16.9
500	23	5750	5834	5594	23	—12.4	— 7.1	—18.0	2	—20.9
400	23	7422	7570	7215	23	—24.2	—19.0	—31.8	3	—33.7
300	23	9455	9584	9182	23	—38.3	—31.5	—44.4	—	—
200	23	12152	12363	11825	23	—53.5	—45.8	—59.5	—	—
150	22	13968	14234	13593	22	—61.3	—53.3	—66.7	—	—
100	14	16374	16802	16013	14	—70.0	—56.6	—79.9	—	—
60	3	19130	19256	18972	3	—72.3	—71.5	—73.5	—	—
40	3	21600	21739	21416	3	—61.9	—56.5	—67.9	—	—
30	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—

N = Number of observations of specified pressure surfaces.

* The atmospheric pressure corrected to the elevation of the radiosonde station.

TABLE B 1.—UPPER AIR CLIMATOLOGICAL DATA

ASWAN (A)—1200 U. T. — JANUARY 1962

Pressure surface (millibar)	Heights of pressure surfaces (gpm.)				Temperature (°C)				Dew point (°C)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
		*	*	*						
Surface of station . .	23	1003mb.	1007mb.	999mb.	23	24.6	31.2	20.6	23	6.9
1000	22	136	167	106	22	24.0	28.9	20.0	21	6.4
850	23	1519	1572	1499	23	12.1	19.2	5.9	19	— 7.6
700	23	3126	3216	3070	23	6.7	14.2	— 0.6	2	—22.6
600	23	4374	4498	4285	23	— 0.5	6.5	— 7.6	3	—23.9
500	23	5805	5967	5689	23	— 9.2	— 2.7	—14.0	3	—24.0
400	23	7498	7692	7355	23	—21.6	—15.2	—26.6	3	—38.3
300	23	9555	9800	9400	23	—36.1	—27.0	—41.0	—	—
200	23	12266	12603	12096	23	—52.8	—41.0	—61.4	—	—
150	19	14068	14455	13913	19	—60.8	—45.4	—69.0	—	—
100	13	16580	17118	16370	13	—69.1	—51.2	—74.3	—	—
60	5	19450	19552	19340	5	—69.2	—65.7	—75.0	—	—
40	3	21927	22016	21840	3	—62.5	—60.8	—63.4	—	—
30	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—

N = Number of observations of specified pressure surfaces.

* The atmospheric pressure corrected to the elevation of the radiosonde station.

TABLE B 2.—MEAN AND EXTREME VALUES OF THE FREEZING LEVEL AND THE TROPOPAUSE ; THE HIGHEST WIND SPEED IN THE UPPER AIR

0000 U.T. JANUARY 1962

N=The number of cases the element has been observed during the month.

Station	Freezing level									First tropopause									Highest wind speed			
	Mean			Highest			Lowest			Mean			Highest			Lowest						
	Altitude (gpm.)	Pressure (mb.)	Dew point (°C)	Altitude (gpm.)	Pressure (mb.)	Dew point (°C)	Altitude (gpm.)	Pressure (mb.)	Dew point (°C)	Altitude (gpm.)	Pressure (mb.)	Temperature (°C)	Altitude (gpm.)	Pressure (mb.)	Temperature (°C)	Altitude (gpm.)	Pressure (mb.)	Temperature (°C)	Altitude (gpm.)	Pressure (mb.)	Direction (000 - 360)	Speed in knots
	(N)	(N)	(N)							(N)	(N)	(N)										
Mersa Matruh (A)	2490 (31)	754 (31)	— 5.9 (20)	3790	646	—	1610	837	— 1.6	11323 (29)	227 (29)	—55.6 (29)	16182	100	—70.7	8460	330	—49.7	9500	280	250	170
Helwan	2745 (28)	728 (28)	— 7.4 (16)	4320	607	—	1540	838	— 5.1	12447 (16)	197 (16)	—57.2 (16)	16367	100	—68.2	8150	344	—42.4	9600	275	250	125
Aswan . . .(A)	3786 (23)	648 (23)	—15.4 (3)	4620	582	—14.9	1300	868	—	15048 (12)	129 (12)	—70.0 (12)	17370	79	—68.6	12962	175	—60.6	11900	204	260	140

TABLE B 2.—MEAN AND EXTREME VALUES OF THE FREEZING LEVEL AND THE TROPOPAUSE ; THE HIGHEST WIND SPEED IN THE UPPER AIR

1200 U.T. JANUARY 1962

N=The number of cases the element has been observed during the month.

Station	Freezing level									First tropopause									Highest wind speed			
	Mean			Highest			Lowest			Mean			Highest			Lowest						
	Altitude (gpm.)	Pressure (mb.)	Dew point (°C)	Altitude (gpm.)	Pressure (mb.)	Dew point (°C)	Altitude (gpm.)	Pressure (mb.)	Dew point (°C)	Altitude (gpm.)	Pressure (mb.)	Temperature (°C)	Altitude (gpm.)	Pressure (mb.)	Temperature (°C)	Altitude (gpm.)	Pressure (mb.)	Temperature (°C)	Altitude (gpm.)	Pressure (mb.)	Direction (000 - 360)	Speed in knots
	(N)	(N)	(N)							(N)	(N)	(N)										
Mersa Matruh (A)	2733 (31)	734 (31)	— 8.0 (20)	4040	628	—11.8	1730	826	—	11603 (28)	220 (28)	—55.5 (28)	16350	100	—63.4	9310	298	—39.9	10850	274	260	130
Helwan	2823 (29)	716 (29)	— 9.5 (18)	4200	610	—	1930	796	— 1.4	11996 (16)	202 (16)	—54.6 (16)	16436	100	—64.0	10720	214	—52.6	7000	415	260	130
Aswan . . . (A)	4251 (23)	611 (23)	—18.0 (3)	5520	528	—	2240	774	—15.0	14988 (10)	132 (10)	—68.6 (10)	17360	87	—76.4	12380	192	—63.6	7000	430	290	140

TABLE B 3.—NUMBER OF OCCURRENCES OF WIND DIRECTION WITHIN SPECIFIED RANGES AND THE MEAN SCALAR WIND SPEED AT THE STANDARD AND SELECTED PRESSURE SURFACES

MERSA MATRUH (A) — 0000 U.T. JANUARY 1962

N= The number of cases the wind has been observed from the range of direction during the month·

TN = The total number of cases the wind has been observed for all directions during the month.

pressure surface (millibar)	Wind between apeeified ranges of direction (000-360)°																								Number of calm winds	Total number of observations (TN)	Mean scalar wind speed (knots)
	345–014		015–044		045–074		075–104		105–134		135–164		165–194		195–224		225–254		255–284		285–314		315–344				
	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m			
Surface of statiion	0	—	0	—	0	—	0	—	1	15	2	10	4	11	4	10	7	14	8	14	3	14	2	18	0	31	13
1000	0	—	0	—	0	—	0	—	1	15	2	10	4	11	4	10	7	14	8	14	3	14	2	18	0	31	13
850	2	8	0	—	0	—	2	6	0	—	3	12	0	—	3	22	3	23	5	19	4	26	9	16	0	31	18
700	1	32	0	—	0	—	0	—	1	5	1	27	2	16	3	23	5	22	3	22	10	21	5	29	0	31	22
600	0	—	0	—	0	—	0	—	0	—	0	—	2	28	5	17	4	24	7	27	7	30	6	33	0	31	27
500	0	—	0	—	0	—	0	—	0	—	1	41	1	33	2	37	5	34	11	28	5	38	6	33	0	31	33
400	0	—	0	—	0	—	0	—	0	—	1	30	1	46	1	62	7	44	7	40	8	42	6	40	0	31	42
300	0	—	0	—	0	—	0	—	0	—	0	—	2	46	1	84	9	63	6	57	9	64	4	73	0	31	63
200	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	80	4	80	2	82	3	68	1	93	0	12	79
150	0	—	0	—	1	17	0	—	0	—	0	—	0	—	0	—	1	80	1	92	1	47	0	—	0	4	59
100	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	30	0	—	0	—	0	1	30
60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

TABLE B 3.—NUMBER OF OCCURRENCES OF WIND DIRECTION WITHIN SPECIFIED RANGES AND THE MEAN SCALAR WIND SPEED AT THE STANDARD AND SELECTED PRESSURE SURFACES

MERSA MATRUH (A) — 1200 U.T. JANUARY 1962

N= The number of cases the wind has been observed from the range of direction during the month.

TN = The total number of cases the wind has been observed for all directions during the month.

pressure surface (millibar)	Wind between specified ranges of direction (000-360)°																								Number of calm winds	Total number of observations (TN)	Mean scalar wind speed (knots)
	345–014		015–044		045–074		075–104		105–134		135–164		165–194		195–224		225–254		255–284		285–314		315–344				
	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m			
Surface of station	2	8	0	—	0	—	2	11	2	26	1	11	1	32	1	6	6	20	4	24	6	16	6	14	0	31	17
1000	2	8	0	—	0	—	2	11	2	26	1	11	1	32	1	6	6	20	4	24	6	16	6	14	0	31	17
850	1	10	0	—	0	—	1	16	0	—	1	6	1	16	4	20	4	25	4	20	6	17	8	12	1	31	16
700	0	—	0	—	0	—	0	—	0	—	1	15	2	20	4	18	5	25	6	20	7	21	6	19	0	31	20
600	0	—	0	—	0	—	0	—	0	—	1	19	1	23	3	25	7	25	6	29	8	22	5	22	0	31	24
500	1	48	0	—	0	—	0	—	0	—	0	—	0	—	6	39	6	32	8	36	7	37	3	32	0	31	36
400	0	—	0	—	0	—	0	—	0	—	0	—	0	—	4	44	5	41	12	46	6	47	3	48	0	30	45
300	0	—	0	—	0	—	0	—	0	—	0	—	0	—	4	61	6	62	10	67	5	44	3	68	0	28	61
200	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	26	4	68	3	62	5	70	1	88	0	14	66
150	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	13	2	78	1	39	0	—	0	4	50
100	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	9	0	—	0	—	0	—	0	1	9
60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

TABLE B 3.—NUMBER OF OCCURRENCES OF WIND DIRECTION WITHIN SPECIFIED RANGES AND THE MEAN SCALAR WIND SPEED AT THE STANDARD AND SELECTED PRESSURE SURFACES

HELWAN 0000 U.T. JANUARY 1962

N = The number of cases the wind has been observed from the range of direction during the month.

TN = The total number of cases the wind has been observed for all directions during the month.

pressure surface (millibar)	Wind between specified ranges of direction (000-360)°																								Number of calm winds	Total number of observations (TN)	Mean scalar wind speed (knots)
	345-014		015-044		045-074		075-104		105-134		135-164		165-194		195-224		225-254		255-284		285-314		315-344				
	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m			
Surface of station	1	4	2	10	3	7	1	10	5	5	3	5	1	4	1	4	0	—	2	8	0	—	1	8	8	28	4
1000	0	—	2	10	2	11	0	—	2	4	3	6	1	4	0	—	1	6	2	8	0	—	2	5	3	18	6
850	0	—	2	10	0	—	0	—	0	—	0	—	2	11	2	20	8	22	4	20	5	13	4	12	1	28	16
700	0	—	0	—	0	—	0	—	0	—	0	—	1	23	4	30	6	27	6	27	4	23	6	18	1	28	24
600	1	45	0	—	0	—	0	—	0	—	0	—	0	—	4	62	3	36	11	29	6	38	3	27	0	28	34
500	0	—	0	—	0	—	0	—	0	—	0	—	0	—	5	43	2	81	10	44	9	42	2	39	0	28	46
400	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	11	66	7	65	6	72	2	54	0	26	61
300	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	4	85	8	76	4	71	1	31	0	17	74
200	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	63	1	79	1	90	0	—	0	3	77
150	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	60	0	—	0	—	0	2	60
100	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	37	0	—	0	—	0	1	37
60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

TABLE B 3.—NUMBER OF OCCURRENCES OF WIND DIRECTION WITHIN SPECIFIED RANGES AND THE MEAN SCALAR WIND SPEED AT THE STANDARD AND SELECTED PRESSURE SURFACES

HELWAN 1200 U.T. JANUARY 1962

N= The number of cases the wind has been observed from the range of direction during the month.

TN = The total number of cases the wind has been observed for all directions during the month.

pressure surface (millibar)	Wind between apeeified ranges of direction (000-360)°																								Number of calm winds	Total number of observations (TN)	Mean scalar wind speed (knots)
	345–014		015–044		045–074		075–104		105–134		135–164		165–194		195–224		225–254		255–284		285–314		315–344				
	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m			
Surface of station	2	8	1	7	0	—	1	7	0	—	2	4	3	11	6	10	3	9	2	5	2	8	3	8	4	29	7
1000	1	5	2	11	0	—	1	7	0	—	1	6	2	8	1	5	1	7	1	4	2	8	3	11	2	17	7
850	1	6	0	—	0	—	0	—	0	—	2	8	1	26	3	16	10	16	3	19	4	13	5	10	0	29	14
700	0	—	0	—	0	—	0	—	0	—	0	—	2	22	4	26	5	25	6	24	7	23	5	21	0	29	23
600	0	—	0	—	0	—	0	—	0	—	0	—	0	—	5	39	5	30	7	32	9	30	3	32	0	29	32
500	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	65	7	45	8	47	10	42	2	37	0	29	45
400	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	51	5	66	7	64	9	61	2	35	0	25	60
300	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	5	75	7	71	2	64	1	38	0	15	69
200		—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	31	1	60	1	50	0	—	0	3	47
150	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	48	0	—	0	—	0	1	48
100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

TABLE B 3.—NUMBER OF OCCURRENCES OF WIND DIRECTION WITHIN SPECIFIED RANGES AND THE MEAN SCALAR WIND SPEED AT THE STANDARD AND SELECTED PRESSURE SURFACES

ASWAN (A) 0000 U.T. JANUARY 1962

N= The number of cases the wind has been observed from the range of direction during the month.

TN = The total number of cases the wind has been observed for all directions during the month.

pressure surface (millibar)	Wind between specified ranges of direction (000-360)°																								Number of calm winds	Total number of observations (TN)	Mean scalar wind speed (knots)
	345-014		015-044		045-074		075-104		105-134		135-164		165-194		195-224		225-254		255-284		285-314		315-344				
	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m			
Surface of station	4	6	0	—	0	—	1	6	0	—	0	—	0	—	0	—	0	—	0	—	2	10	0	—	16	23	2
1000	4	6	0	—	0	—	1	6	0	—	0	—	0	—	0	—	0	—	0	—	2	10	0	—	16	23	2
850	4	11	4	12	0	—	1	13	1	11	3	16	2	10	0	—	1	10	3	16	2	9	2	12	0	23	12
700	2	24	0	—	1	7	0	—	0	—	1	4	2	11	1	16	6	22	3	28	6	21	1	21	0	23	20
600	2	18	0	—	0	—	0	—	0	—	0	—	0	—	0	—	10	35	7	33	3	29	1	25	0	23	32
500	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	90	6	54	8	46	4	42	3	16	0	22	45
400	1	70	0	—	0	—	0	—	0	—	0	—	0	—	0	—	7	62	8	68	5	45	0	—	0	21	61
300	1	68	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	90	7	66	2	46	0	—	0	11	65
200	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	65	3	90	0	—	0	—	0	4	84
150	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	3	59	0	—	0	—	0	3	59
100	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	84	0	—	0	—	0	1	84
60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

TABLE B 3.—NUMBER OF OCCURRENCES OF WIND DIRECTION WITHIN SPECIFIED RANGES AND THE MEAN SCALAR WIND SPEED AT THE STANDARD AND SELECTED PRESSURE SURFACES

ASWAN (A) 1200 U.T. JANUARY 1962

N= The number of cases the wind has been observed from the range of direction during the month.

TN = The total number of cases the wind has been observed for all directions during the month.

Pressure surface (millibar)	Wind between specified ranges of direction (000-360)°																								Number of calm winds	Total number of observations (TN)	Mean scalar wind speed (knots)
	345-014		015-044		045-074		075-104		105-134		135-164		165-194		195-224		225-254		255-284		285-314		315-344				
	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m			
Surface of station	14	6	0	—	0	—	2	6	0	—	0	—	1	3	0	—	0	—	1	10	0	—	0	—	5	23	5
1000	14	6	0	—	0	—	2	6	0	—	0	—	0	—	0	—	0	—	1	10	0	—	0	—	5	22	5
850	3	10	3	10	0	—	1	12	2	12	1	16	1	11	3	9	1	15	2	10	2	18	4	12	0	23	12
700	2	12	0	—	0	—	0	—	1	4	2	14	0	—	2	14	3	26	9	25	2	24	2	16	0	23	20
600	2	12	0	—	0	—	0	—	0	—	0	—	1	9	0	—	7	39	11	35	1	23	1	4	0	23	31
500	2	23	0	—	0	—	0	—	0	—	0	—	0	—	0	—	11	57	7	53	2	38	1	40	0	23	50
400	0	—	1	25	0	—	0	—	0	—	0	—	0	—	0	—	6	79	9	53	2	64	1	48	0	19	60
300	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	4	86	3	61	2	66	1	78	0	10	74
200	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	3	74	0	—	0	—	0	3	74
150	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	60	1	50	0	—	0	—	0	2	55
100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

REVIEW OF AGRO - METEOROLOGICAL STATION AT GIZA JANUARY 1962

This month was warmer than normal. The daily mean air temperature at 2 metres above ground was above normal (+ 0.9 °C) ; the daily mean relative humidity was about normal (+ 1%) and the total rainfall was slightly above normal (+ 1.2 mms.).

The minimum air temperature at 5 cms. above grass (Libia) fell below 0 °C on one day of the month (30th) against 7 days in January 1961 ; it fell down to - 0.8 °C and its duration was round 1.5 hours.

The extreme maximum soil temperatures at depths 0.3, 1 & 2 cms. in the dry field were higher than the corresponding values of last year ; at deeper layers, the values were lower. The maximum differences were + 3.2 °C at 0.3 cm. depth and -2.1 °C at 100 cms. depth. The extreme minimum soil temperatures at 20 cms. depth and upper layers of the dry field were higher than the corresponding values of last year ; at deeper layers the values were lower. The maximum differences were + 1.8 °C at 1 cm. depth and - 0.8 °C at 200 cms. depth.

The daily mean wind speed at 2 metres above ground was slightly higher (+ 0.1 m/ sec.) than the corresponding value of last January. The daily mean values of Piche evaporation, potential evaporation and potential evapotranspiration were the same as last January values. The daily mean value of water pan evaporation was nearly the same (+ 0.02 mm.) while the total actual duration of bright sunshine was 10.1 hours less than the corresponding value of last January.

REVIEW OF AGRO - METEOROLOGICAL STATION AT TAHRIR JANUARY 1962

This month was slightly warmer and more rainy than last January, but it showed close similarity to its relative humidity, vapour pressure, wind speed at 2 metres, Piche evaporation at 120 cms. values. As for solar radiation and sunshine durations, their values were slightly less than last year. Departures of values of different elements for this month from last year values were respectively : + 0.7 °C for air temperature, + 1% for relative humidity, + 0.3 mm. for vapour pressure, + 0.1 mm. for Piche evaporation, - 324 gm. cal/cm^2. for total radiation, — 12 hours or - 4% of the possible for sunshine duration, + 3.4 mms. for rainfall and + 0.2 m/sec. for wind speed at 2 metres above ground.

Extreme values of maximum soil temperature this month showed slight dapartures down to 20 centimetres depth, -0.6 °C at 50 cms. depth and -1.8 °C at 100 cms. depth from the corresponding values of last January. On the other hand, extreme minimum temperature values this month were higher (2.5°C to 3.0°C) than the corresponding values of last year down to 10 cms. depth, while its values at deeper layers down to 1 metre approached gradually last year values.

TABLE C 1—AIR TEMPERATURES AT 2 METRES ABOVE GROUND; ABSOLUTE MINIMUM AIR TEMPERATURES AT 5 CMS ABOVE GROUND ON DIFFERENT FIELDS

GIZA — JANUARY 1962

Date	Air temperature (°C)					Duration in hours to the nearest half hour of air temperature above the following values										
	Max.	Min.	Mean of the day	Night time mean	Day time mean	—5 °C	0 °C	5 °C	10 °C	15 °C	20 °C	25 °C	30 °C	35 °C	40 °C	45 °C
1	20.1	10.4	14.7	13.7	16.8	24.0	24.0	24.0	24.0	9.5	0.0	0.0	0.0	0.0	0.0	0.0
2	19.6	10.0	14.2	12.7	16.4	24.0	24.0	24.0	24.0	9.5	0.0	0.0	0.0	0.0	0.0	0.0
3	21.7	6.8	14.0	11.6	16.6	24.0	24.0	24.0	18.5	8.0	3.0	0.0	0.0	0.0	0.0	0.0
4	22.7	10.3	15.2	13.2	17.3	24.0	24.0	24.0	24.0	10.0	3.5	0.0	0.0	0.0	0.0	0.0
5	23.1	10.0	15.3	13.9	17.4	24.0	24.0	24.0	24.0	10.5	3.5	0.0	0.0	0.0	0.0	0.0
6	18.0	10.3	13.6	13.6	14.8	24.0	24.0	24.0	24.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0
7	17.6	7.8	12.9	11.4	14.1	24.0	24.0	24.0	19.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0
8	20.3	9.7	14.2	13.3	16.4	24.0	24.0	24.0	23.5	8.0	0.0	0.0	0.0	0.0	0.0	0.0
9	20.4	9.4	13.9	11.3	15.8	24.0	24.0	24.0	23.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0
10	18.2	8.7	13.1	13.3	14.8	24.0	24.0	24.0	22.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0
11	18.2	7.7	12.2	10.2	14.0	24.0	24.0	24.0	16.5	6.0	0.0	0.0	0.0	0.0	0.0	0.0
12	17.7	6.6	11.7	10.9	13.9	24.0	24.0	24.0	12.5	6.0	0.0	0.0	0.0	0.0	0.0	0.0
13	20.0	7.3	13.2	9.8	14.9	24.0	24.0	24.0	15.5	10.5	0.0	0.0	0.0	0.0	0.0	0.0
14	18.8	10.0	12.8	13.4	13.4	24.0	24.0	24.0	24.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0
15	20.3	7.9	13.0	11.3	15.3	24.0	24.0	24.0	17.0	8.5	9.0	0.0	0.0	0.0	0.0	0.0
16	19.1	4.9	12.6	10.6	14.5	24.0	24.0	24.0	16.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0
17	20.4	9.4	14.2	12.9	15.8	24.0	24.0	24.0	20.5	9.5	0.0	0.0	0.0	0.0	0.0	0.0
18	22.3	3.8	12.8	10.7	16.4	24.0	24.0	23.5	14.0	8.5	4.0	0.0	0.0	0.0	0.0	0.0
19	21.9	5.9	13.5	10.6	16.7	24.0	24.0	24.0	16.0	9.5	4.0	0.0	0.0	0.0	0.0	0.0
20	20.3	9.2	14.0	12.3	16.6	24.0	24.0	24.0	23.5	9.0	0.0	0.0	0.0	0.0	0.0	0.0
21	20.1	8.8	13.6	11.9	15.6	24.0	24.0	24.0	23.5	8.0	0.0	0.0	0.0	0.0	0.0	0.0
22	19.6	6.1	12.6	10.7	15.5	24.0	24.0	24.0	14.0	8.5	0.0	0.0	0.0	0.0	0.0	0.0
23	21.1	4.9	13.3	10.0	15.8	24.0	24.0	24.0	15.0	11.5	1.5	0.0	0.0	0.0	0.0	0.0
24	23.8	8.6	15.1	12.7	19.3	24.0	24.0	24.0	21.0	9.5	6.5	0.0	0.0	0.0	0.0	0.0
25	20.3	9.0	13.4	12.0	15.8	24.0	24.0	24.0	21.0	8.5	0.0	0.0	0.0	0.0	0.0	0.0
26	17.6	7.3	11.0	10.4	13.0	24.0	24.0	24.0	10.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0
27	20.2	6.9	13.0	9.1	15.3	24.0	24.0	24.0	15.5	8.5	0.0	0.0	0.0	0.0	0.0	0.0
28	17.5	9.9	13.5	13.0	14.2	24.0	24.0	24.0	24.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0
29	19.4	9.0	13.1	12.2	15.0	24.0	24.0	24.0	20.5	6.5	0.0	0.0	0.0	0.0	0.0	0.0
30	20.7	5.2	13.1	9.9	16.0	24.0	24.0	24.0	16.0	10.5	0.0	0.0	0.0	0.0	0.0	0.0
31	23.9	7.9	14.6	12.4	18.6	24.0	24.0	24.0	17.5	9.5	5.0	0.0	0.0	0.0	0.0	0.0
Total	—	—	—	—	—	744	744	743.5	599.5	252.5	31.0	0.0	0.0	0.0	0.0	0.0
Mean	20.2	8.1	13.5	11.8	15.7	24.0	24.0	24.0	19.3	8.1	1.0	0.0	0.0	0.0	0.0	0.0

Highest Maximum At 2 Metres 23.9°C On 31*st*

Lowest Maximum At 2 Metres 17.5°C On 28*th*

Highest Minimum at 2 Metres 10.4°C On 1*st*

Lowest Minimum at 2 Metres 3.8°C On 18*th*

Absolute Minimum Temperature At 5 cms. Above Dry Soil —0.3 °C On 30*th*.

" " " " " Wet Soil 1.2 °C On 30*th*.

" " " " " Grass —0.8 °C On 30*th*.

TABLE C 1—AIR TEMPERATURES AT 2 METRES ABOVE GROUND; ABSOLUTE MINIMUM AIR TEMPERATURES AT 5 CMS ABOVE GROUND ON DIFFERENT FIELDS

TAHRIR — JANUARY 1962

Date	Air temperature (°C)					Duration in hours to the nearest half hour of air temperature above the following values										
	Max.	Min.	Mean of the day	Night time mean	Day time mean	—5 °C	0 °C	5 °C	10 °C	15 °C	20 °C	25 °C	30 °C	35 °C	40 °C	45 °C
1	20.6	10.8	14.9	13.8	17.2	24.0	24.0	24.0	24.0	9.5	0.0	0.0	0.0	0.0	0.0	0.0
2	20.6	10.1	14.7	12.7	17.2	24.0	24.0	24.0	24.0	10.5	0.5	0.0	0.0	0.0	0.0	0.0
3	21.6	8.4	14.6	12.3	17.2	24.0	24.0	24.0	23.0	10.0	3.0	0.0	0.0	0.0	0.0	0.0
4	24.3	9.8	16.1	13.4	19.1	24.0	24.0	24.0	23.5	11.5	6.0	0.0	0.0	0.0	0.0	0.0
5	22.0	8.1	14.7	13.9	17.1	24.0	24.0	24.0	22.0	10.5	2.0	0.0	0.0	0.0	0.0	0.0
6	19.8	11.0	13.8	13.3	15.6	24.0	24.0	24.0	24.0	6.5	0.0	0.0	0.0	0.0	0.0	0.0
7	18.0	8.9	13.4	11.5	14.8	24.0	24.0	24.0	21.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0
8	20.1	9.6	14.4	13.1	16.4	24.0	24.0	24.0	23.5	9.0	0.0	0.0	0.0	0.0	0.0	0.0
9	20.5	8.8	14.0	12.2	16.4	24.0	24.0	24.0	20.5	9.5	0.0	0.0	0.0	0.0	0.0	0.0
10	18.6	10.0	13.6	12.6	14.7	24.0	24.0	24.0	24.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0
11	19.4	10.8	13.6	13.3	14.8	24.0	24.0	24.0	24.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0
12	16.5	9.2	12.8	11.7	14.7	24.0	24.0	24.0	22.5	6.5	0.0	0.0	0.0	0.0	0.0	0.0
13	21.1	8.3	13.8	10.9	16.4	24.0	24.0	24.0	16.5	10.5	1.0	0.0	0.0	0.0	0.0	0.0
14	18.5	9.9	13.6	13.2	14.8	24.0	24.0	24.0	23.5	7.5	0.0	0.0	0.0	0.0	0.0	0.0
15	21.5	8.9	13.9	12.2	16.2	24.0	24.0	24.0	21.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0
16	18.8	6.9	13.0	11.6	15.4	24.0	24.0	24.0	18.5	8.5	0.0	0.0	0.0	0.0	0.0	0.0
17	18.7	10.0	13.8	11.8	16.0	24.0	24.0	24.0	24.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0
18	23.2	5.3	12.7	10.7	14.8	24.0	24.0	24.0	14.0	8.5	3.5	0.0	0.0	0.0	0.0	0.0
19	20.8	8.9	14.2	12.3	16.8	24.0	24.0	24.0	21.0	9.5	1.0	0.0	0.0	0.0	0.0	0.0
20	20.2	10.8	14.6	12.9	17.2	24.0	24.0	24.0	24.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0
21	19.9	11.3	14.5	13.0	16.6	24.0	24.0	24.0	24.0	8.5	0.0	0.0	0.0	0.0	0.0	0.0
22	21.9	9.0	13.8	12.0	16.4	24.0	24.0	24.0	21.0	9.5	0.0	0.0	0.0	0.0	0.0	0.0
23	19.6	6.9	13.2	10.7	15.9	24.0	24.0	24.0	8.5	9.0	0.0	0.0	0.0	0.0	0.0	0.0
24	24.2	8.7	15.8	12.1	19.4	24.0	24.0	24.0	22.0	10.5	7.0	0.0	0.0	0.0	0.0	0.0
25	20.2	8.6	13.8	13.1	16.4	24.0	24.0	24.0	22.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0
26	17.5	9.0	12.5	11.1	13.9	24.0	24.0	24.0	18.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0
27	21.4	8.3	13.4	11.5	16.2	24.0	24.0	24.0	18.0	7.5	0.5	0.0	0.0	0.0	0.0	0.0
28	17.0	8.8	13.4	12.0	14.5	24.0	24.0	24.0	23.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0
29	19.8	9.0	13.9	12.3	15.9	24.0	24.0	24.0	21.5	9.0	0.0	0.0	0.0	0.0	0.0	0.0
30	19.2	6.3	13.3	10.7	15.9	24.0	24.0	24.0	16.0	10.5	0.0	0.0	0.0	0.0	0.0	0.0
31	22.8	7.3	14.1	11.8	17.9	24.0	24.0	24.0	16.5	10.5	5.5	0.0	0.0	0.0	0.0	0.0
Total	—	—	—	—	—	744.0	744.0	744.0	649.0	273.5	30	0.0	0.0	0.0	0.0	0.0
Mean	20.3	9.0	13.9	12.2	16.2	24.0	24.0	24.0	20.9	8.8	1.0	0.0	0.0	0.0	0.0	0.0

Highest Maximum At 2 Metres 24.3°C On 4*th*

Lowest Maximum At 2 Metres 16.5°C On 12*th*

Highest Minimum At 2 Metres 11.3°C On 21*st*

Lowest Minimum At 2 Metres 5.3°C On 18*th*

Absolute Minimum Temperature At 5 cms. Above Dry Soil 5.0 °C On 18*th*.

" " " " " Wet Soil — —

" " " " " Grass — —

TABLE C 2.—WIND SPEED, (SOLAR + SKY) RADIATION, DURATION OF BRIGHT SUNSHINE, RELATIVE HUMIDITY AND VAPOUR PRESSURE AT 2 METRES ABOVE GROUND, EVAPORATION AND RAINFALL

GIZA — JANUARY 1962

Date	Wind speed metres per second			Solar + sky radiation gm. cal./cm²	Duration of bright sunshine in hours			Relative humidity hours of duration		Relative humidity %		Vapour pressure in millimeters		Evaporation in millimeters		Amount of rainfall in millimeters
	Mean of the day	Nigh time mean	Day time mean		Total actual	Total possible	Percentage %	90% ∧	80% ∧	Mean of the day	at 1200 U.T.	Mean of the day	at 1200 U.T.	Piche	Pan class (A)	
1	1.6	0.7	2.9	223	6.5	10.2	64	12	16	90	58	10.2	9.9	3.7	2.09	Tr
2	1.2	0.8	1.9	242	8.8	10.3	85	12	15	90	63	9.9	10.1	3.1	2.20	0.[illegible]
3	0.6	0.3	1.1	257	7.9	10.3	77	9	10	84	47	8.8	8.6	4.6	2.06	0.[illegible]
4	3.1	2.5	3.9	291	8.7	10.3	84	0	4	72	38	7.9	7.3	10.5	5.27	0.[illegible]
5	3.0	2.4	3.8	304	7.9	10.3	77	0	1	53	32	6.4	6.5	7.8	2.91	0.[illegible]
6	1.5	0.5	2.9	146	2.6	10.3	27	9	15	89	67	9.8	9.2	2.2	1.40	0.[illegible]
7	1.9	0.9	3.2	135	1.1	10.3	11	10	12	82	64	9.1	9.3	4.4	1.86	Tr
8	2.8	2.2	3.6	278	7.6	10.3	74	0	10	80	47	8.3	8.2	5.5	3.18	Tr
9	2.0	1.0	3.3	271	8.2	10.3	80	0	8	72	53	8.2	8.4	5.8	3.61	0.[illegible]
10	2.1	1.5	3.0	241	6.1	10.4	59	3	14	88	68	8.9	9.2	3.1	2.10	Tr
11	1.1	0.6	1.9	175	1.8	10.4	17	9	11	81	70	8.8	9.6	2.5	1.50	0.[illegible]
12	1.4	0.6	2.6	231	6.2	10.4	60	9	13	86	48	7.2	6.6	5.5	2.61	0.[illegible]
13	1.5	0.9	2.4	296	8.1	10.4	78	0	4	68	49	7.6	8.1	6.9	3.68	0.[illegible]
14	2.4	2.3	2.5	166	4.7	10.4	45	2	4	72	62	7.6	7.6	2.7	1.09	1.[illegible]
15	0.9	0.3	1.6	273	7.2	10.4	69	12	13	86	59	8.9	9.5	2.7	1.79	0.[illegible]
16	1.3	0.3	2.8	296	8.1	10.4	78	9	13	86	52	8.2	8.3	5.4	3.02	0.[illegible]
17	2.3	2.1	2.7	201	2.8	10.4	27	11	13	80	50	8.7	8.5	4.2	2.26	0.[illegible]
18	1.2	0.7	1.9	264	6.4	10.5	61	9	12	87	41	7.8	7.7	5.1	2.64	0.[illegible]
19	1.3	0.2	2.7	319	9.4	10.5	40	5	8	72	40	7.5	7.3	6.1	3.00	0.[illegible]
20	1.9	0.7	3.4	256	8.8	10.5	84	6	12	81	56	9.2	9.6	5.1	2.80	0.[illegible]
21	1.2	0.5	2.3	192	3.4	10.5	32	12	17	90	64	10.0	10.0	2.3	1.32	Tr.
22	0.8	0.3	1.5	294	8.6	10.5	82	12	14	82	49	8.2	7.8	3.3	2.41	0.[illegible]
23	1.3	0.4	2.7	297	8.1	10.6	76	9	10	70	38	6.7	6.6	6.9	3.97	0.[illegible]
24	1.6	0.5	3.2	312	9.5	10.6	90	0	7	69	39	7.8	8.3	9.1	4.74	0.[illegible]
25	2.2	1.3	3.5	283	7.6	10.6	72	0	0	50	39	5.7	6.5	9.3	4.86	0.[illegible]
26	2.8	2.1	3.8	212	5.2	10.6	49	0	6	82	56	7.4	8.0	3.9	2.58	0.[illegible]
27	2.0	0.9	3.5	335	9.2	10.6	87	0	9	76	42	7.4	6.9	6.9	4.28	1.[illegible]
28	3.3	1.9	5.2	229	4.6	10.7	43	0	3	70	63	7.9	8.2	7.4	3.38	0.[illegible]
29	3.0	2.7	3.5	334	9.9	10.7	93	0	4	69	47	7.0	7.3	6.7	4.78	0.[illegible]
30	1.9	0.8	3.3	260	5.7	10.7	53	0	5	58	36	6.2	5.9	9.6	3.92	0.[illegible]
31	2.0	1.4	2.9	347	9.9	10.7	93	0	0	62	31	6.4	6.4	8.5	4.20	0.[illegible]
Total	—	—	—	**7960**	**210.6**	**324.1**	**7017**	**160.0**	**283**	—	—	—	—	**170.8**	**91.51**	**4.2**
Mean	1.8	1.1	2.9	257	6.8	10.5	65	5.2	9.1	77	51	8.1	8.1	5.5	2.95	

Maximum Amount Of Rainfall In One Day . . . . . 1.4 mms. On 14th

Lowest Value Of Relative Humidity . . . . . 29 % On 31st

Highest Value Of Vapour Pressure . . . . . 11.3 mms. On 1st

Lowest Value Of Vapour pressure . . . . . 4.8 mms. On 25th

TABLE C 2—WIND SPEED, (SOLAR + SKY) RADIATION, DURATION OF BRIGHT SUNSHINE, RELATIVE HUMIDITY AND VAPOUR PRESSURE AT 2 METRES ABOVE GROUND, EVAPORATION AND RAINFALL

TAHRIR — JANUARY 1962

Date	Wind speed metres per second			Solar + sky radiation gm. cal./cm²	Duration of bright sunshine in hours			Relative humidity hours of duration		Relative humidity %		Vapour pressure in millimeters		Evaporation in millimeters		Amount of rainfall in millimeters
	Mean of the day	Night time mean	Day time mean		Total actual	Total possible	Percentage %	90% ∧	80% ∧	Mean of the day	at 1200 U.T.	Mean of the day	at 1200 U.T.	Piche	Pan class (A)	
1	3.9	3.3	4.8	244	8.3	10.2	81	8	14	88	60	10.3	10.4	5.2	—	0.0
2	2.7	2.8	2.4	263	8.8	10.2	86	8	14	88	55	9.8	9.7	3.4	—	0.0
3	2.1	1.5	2.9	262	9.3	10.2	91	8	10	77	49	8.6	8.9	8.2	4.92	0.0
4	3.7	3.0	4.6	270	9.2	10.2	90	0	0	48	28	5.7	6.1	15.9	7.46	0.0
5	3.1	3.2	3.0	276	7.2	10.2	71	0	1	58	28	6.2	5.0	6.9	3.26	0.3
6	3.7	2.4	5.7	243	5.4	10.3	52	3	19	86	63	9.6	9.6	4.0	2.03	1.3
7	3.1	2.6	3.7	167	1.3	10.3	13	10	13	86	61	9.1	8.9	4.6	3.29	0.1
8	4.1	3.0	5.7	296	9.9	10.3	96	0	9	74	45	7.9	7.4	8.3	5.85	0.0
9	3.5	3.0	4.1	275	9.5	10.3	92	2	9	82	55	8.9	9.2	4.5	2.35	1.9
10	3.4	2.8	4.0	198	3.9	10.3	38	6	13	88	68	9.5	9.4	3.8	2.00	Tr.
11	1.9	2.1	1.5	179	4.1	10.3	40	2	13	85	63	9.2	8.9	3.6	3.20	0.0
12	2.1	1.0	3.7	160	2.9	10.3	28	3	10	72	52	7.6	6.9	3.4	2.92	Tr.
13	2.5	2.1	3.1	267	7.9	10.4	76	0	0	66	43	7.2	7.6	8.8	5.56	0.3
14	3.8	3.0	4.9	264	7.1	10.4	78	0	6	84	63	9.1	9.4	4.4	0.00	1.9
15	2.6	2.7	2.4	292	9.5	10.4	91	7	14	88	55	9.3	9.0	3.3	3.46	0.0
16	2.1	1.4	3.0	264	6.9	10.4	66	7	15	92	59	9.2	9.4	3.4	2.16	0.0
17	2.9	2.1	4.0	186	2.8	10.4	27	11	16	92	73	10.4	11.3	3.0	2.19	0.0
18	1.8	1.8	1.9	251	4.5	10.4	43	11	14	82	35	7.4	6.9	3.6	1.91	0.0
19	2.9	1.7	4.6	302	10.0	10.4	96	7	11	80	45	8.3	7.9	7.9	5.20	0.0
20	4.3	3.4	5.6	288	9.6	10.5	91	6	13	83	55	9.3	9.4	7.0	4.39	0.3
21	3.4	2.9	4.2	217	5.8	10.5	55	6	14	85	55	9.5	9.1	4.7	2.09	Tr.
22	2.3	2.2	2.4	317	9.7	10.5	92	6	13	86	51	8.5	8.0	3.3	3.21	0.0
23	2.8	1.3	4.9	296	8.1	10.5	77	7	12	84	52	8.2	8.4	8.7	4.22	0.0
24	3.4	3.0	3.8	316	10.0	10.6	94	3	8	72	26	7.0	5.7	10.9	6.00	0.0
25	3.6	2.0	6.0	312	8.9	10.6	84	0	0	50	35	5.4	5.8	12.6	6.64	0.6
26	4.0	3.3	5.0	320	8.8	10.6	83	0	9	84	58	8.6	8.4	6.0	3.90	Tr.
27	3.2	2.7	3.8	252	7.0	10.6	66	4	14	87	36	8.3	6.6	5.7	2.73	1.4
28	4.4	2.7	7.1	232	5.9	10.6	56	0	8	74	59	8.1	7.9	8.7	4.54	0.3
29	4.6	5.2	3.9	327	9.8	10.6	92	0	8	64	40	6.6	6.6	8.5	4.31	0.0
30	3.9	2.8	5.5	211	4.9	10.7	46	0	3	58	39	6.1	5.9	11.6	5.57	0.0
31	3.0	2.6	3.5	318	10.2	10.7	95	0	5	66	24	6.2	4.6	8.7	4.77	0.0
Total	—	—	—	**8065**	**227.2**	**322.9**		**125**	**308**	—	—	—	—	**204.6**	**110.13**	**8.4**
Mean	3.2	2.6	4.1	260.2	7.3	10.4	70	4.0	9.9	78	49	8.2	8.0	6.6	3.80	—

Maximum Amount Of Rainfall In One Day . . . . . 1.9 mms. On 9 & 14*th*

Lowest Value Of Relative Humidity . . . . . 24 % On 31*st*

Highest Value Of Vapour Pressure . . . . . 11.3 mms. On 17*th*

Lowest Value Of Vapour Pressure . . . . . 4.2 mms. On 25*th*

N.B. Pan "A" was installed in the station on 2.1.62

TABLE C 3—EXTREME SOIL TEMPERATURES AT DIFFERENT DEPTHS IN DIFFERENT FIELDS

GIZA—JANUARY 1962

Depth in cms.	Dry Soil		Wet Soil		Grass	
	Highest °C	Lowest °C	Highest °C	Lowest °C	Highest °C	Lowest °C
0.3	37.0	2.0	23.2	4.0	21.5	6.3
1	32.0	4.0	22.8	4.9	19.4	7.2
2	31.0	5.0	21.1	5.4	18.8	7.5
5	23.2	8.6	20.4	7.4	16.4	8.8
10	20.0	12.8	18.4	9.2	15.4	10.8
20	18.0	15.8	16.0	11.3	14.9	12.9
50	19.0	17.7	15.2	14.0	15.8	14.7
100	21.3	20.0	16.5	16.0	17.6	16.7
200	24.6	22.9	19.9	18.6	21.2	19.9
300	25.9	24.6	—	—	—	—

TABLE C 3—EXTREME SOIL TEMPERATURES AT DIFFERENT DEPTHS IN DIFFERENT FIELDS

TAHRIR—JANUARY 1962

Depth in cms.	Dry Soil		Wet Soil		Grass	
	Highest °C	Lowest °C	Highest °C	Lowest °C	Highest °C	Lowest °C
0.3	30.1	6.0	—	—	—	—
1	28.8	6.2	—	—	—	—
2	28.0	6.4	—	—	—	—
5	24.4	7.9	—	—	—	—
10	21.9	9.5	—	—	—	—
20	18.8	11.8	—	—	—	—
50	17.0	14.8	—	—	—	—
100	18.5	17.4	—	—	—	—
200	21.4	20.0	—	—	—	—
300	23.0	21.5	—	—	—	—
600	25.4	24.8	—	—	—	—

TABLE C 4—NUMBER OF DAYS OF SURFACE WIND SPEED AT 10 METRES REACHING SPECIFIED LIMITS OF VELOCITY FOR AT LEAST 5 MINUTES

GIZA—JANUARY 1962

10 knots or more . .	27 Days	30 knots or more . .	0 Days
15 ,, ,, ,,	9 ,,	35 ,, ,, ,,	0 ,,
20 ,, ,, ,,	2 ,,	40 ,, ,, ,,	0 ,,
25 ,, ,, ,,	0 ,,	The highest gust 25 knots on 26&28 th.	

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UNITED ARAB REPUBLIC

MONTHLY WEATHER REPORT

VOLUME 5 NUMBER 2

FEBRUARY, 1962

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N.O.A.A.
U. S. Dept. of Commerce

U.D.C. 551, 506,1 (62)

MINISTRY OF SCIENTIFIC RESEARCH—METEOROLOGICAL DEPARTMENT
CAIRO

PUBLICATIONS OF THE METEOROLOGICAL DEPARTMENT OF THE UNITED ARAB REPUBLIC — CAIRO

In fulfilment of its duties as the National Meteorological service for the U.A.R., the Meteorological Department issues several reports and publications on weather, climate and agrometeorology. The principal publications are described on this page.

Orders for publications should be adressed to :

" The Director General, Meteorological Department, Kubri-el-Qubbeh — CAIRO ".

THE DAILY WEATHER REPORT

This report is printed daily in the Meteorological Department. It contains surface and upper air observations carried by the rel vant networks of the Republic and made at the four main synoptic hours of observations (00, 06, 12 and 18 U.T.); as well as s ip ol s rvations over the Eastern Mediterranean and no th Red Sea made at the same times.

It also contains two surface synoptic charts at 00 and 12 U.T. and two upper air charts for the standard isobaric surfaces 700 & 500 mbs. at both 00 and 12 U.T.

In compliance with resolution 8 (EC-XIII) of WMO, foreign upper air data included in Cairo Subregional Broadcast are also given in this report.

THE MONTHLY WEATHER REPORT

First issued in 1909, the Monthly Weather Report served to give a brief summary of the weather conditions that prevailed over Egypt during the month, with a table showing the mean values for few meteorological elements and their deviations from the normal values. From 1954 to 1957 this report was in a rapid state of development and extension resulting into a voluminous report on January 1958 giving surface, upper air, and agro-meteorological date for U.A.R.

THE AGRO - METEOROLOGICAL ABRIDGED MONTHLY REPORT

Gives a review of weather experienced in the agro-meteorological stations of the U.A.R. as well as monthly values of certain elements.

THE ANNUAL REPORT

This report gives annual values and statistics for the various meteorological elements, together with a summary of the weather conditions that prevailed during all months of the year.

CLIMATOLOGICAL NORMALS FOR EGYPT

The normals, long averages and statistical data are given for stations in Egypt from the date of opening of each station up to 1945. A new voluminous edition was issued in March 1968 which brings normals and mean values up till 1960.

UNITED ARAB REPUBLIC

MONTHLY WEATHER REPORT

VOLUME 5 NUMBER 2

FEBRUARY, 1962

551.506.1 (62)

MINISTRY OF SCIENTIFIC RESEARCH — METEOROLOGICAL DEPARTMENT

CAIRO

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GENERAL SUMMARY OF WEATHER CONDITIONS

FEBRUARY 1962

Generally cold characterized with two warm periods of short durations. Rain fell most of the 1st & 3rd weeks and exceeded its monthly normal value generally in the northern districts, where it was accompanied sometimes with thunderstorms & hail. Dusty weather on the 2nd & 7th.

THE MAIN FEATURES

— Abnormally high maximum temperatures round the mid of the month, subnormal maximum temperatures otherwise.

— Subnormal relative humidity in general over the inland districts.

— Abnormally high monthly rainfall over many places in the northern part of the Republic.

— Five consecutive transits of Mediterranean secondary depressions through East Mediterranean region. Three marked complex oscillations in the pressure field.

— Few occasions of thunderstorms and hail over the Mediterranean coastal strip.

— Widespread rising sand or dust and sand or duststorms during the 1st week.

GENERAL DESCRIPTION OF WEATHER

During this month, the prevailing weather was cold in general with the exception of two warm periods of short durations round the mid and at the end of the month and maximum temperature was generally below its normal. Its fall ranged between 3°C & 8°C, though it was marked in particular round the 20th when it fell to 13°C & 16°C at Alexandria and Minya respectively.

Rain fell most of the 1st & 3rd weeks over the Mediterranean coastal strip and extended inland to the south till Fayoum, though it was heavy in some localities as Sallum and Sidi Barrani on the 5th where 17 mms. & 14 mms. of rain fell respectively ; and as Port Said & Damanhour on the 19th where 10 mms. & 8 mms. of rain fell respectively. Rain was accompanied sometimes with few occasions of thunderstorms and hail over the Mediterranean coastal strip.

During the prevailing warm and short periods, maximum temperature exceeded its normal, and its rise ranged between 2°C & 4°C in the northern parts of the Republic and between 4°C & 8°C elsewhere. Marked warmth was enjoyed round the mid of the month when maximum temperature attained 23, 23, 31 & 34°C at Mersa Matruh, Alexandrai, Minya & Aswan respectively. In addition dusty or sandy weather was frequent during the first week.

The monthly mean values of various meteorological elements for different districts and their deviations from their corresponding normals are given in the following table.

District	Atmospheric pressure (mb.) Corrected to M.S.L.			Air temperature (°C)						Relative humidity (%)			Total rainfall (mms)	
				Maximum (A)		Minimum (B)		(A + B)/2						
	Derivation of the mean values (a,c)	Mean	Deviation from normal	Mean	Deviation from normal	Mean	Deviation from normal	Mean	Deviation from normal	Derivation of the mean values (a,c)	Mean	Deviation from normal	Mean	Deviation from normal
Mediterranean	a	16.1	− 1.0	18.1	− 1.1	8.8	− 0.4	13.4	− 0.8	a	65	− 4	19.4	− 6.5
Lower Egypt	c	16.9	+ 0.1	19.3	− 1.4	6.8	− 0.3	13.1	− 0.8	c	65	− 9	13.7	+ 2.0
Cairo Area	a	17.0	− 0.3	19.5	− 1.0	8.6	− 1.0	14.1	1.0	a	50	− 8	4.0	+ 0.2
Upper Egypt	a	16.8	+ 0.1	22.8	− 1.0	6.9	+ 0.2	14.8	0.4	a	39	− 7	0.0	− 0.8
Western Desert	a	17.5	− 1.1	21.3	− 1.7	4.9	1.6	13.1	1.6	a	38	− 11	0.0	0.8
Red Sea	a	15.8	− 0.5	21.5	− 0.5	12.6	− 1.0	17.1	0.8	a	48	− 7	0.0	− 1.2

a = the 24 hours mean. c = 4 main synoptic hours mean. e = 06 & 18 U.T. hours mean.

PRESSURE DISTRIBUTION

During this month, the Mediterranean Sea was a cyclogenetic area where five secondary depressions originated and were reflected more or less in the upper layers of the atmosphere at 700 & 500 mb. levels. The appearance, the development and the motion of these secondary depressions were correlated with the large scale primary low pressure systems in the northern latitudes proceeding from the Atlantic eastwards or northeastwards through Europe and Russia . The prevailing pressure distribution over the surface map was interrupted consecutively this month due to the motion of both primary and secondary depressions. Over East Mediterranean in particular it was directly affected by the approach and transits of Mediterranean secondary depressions.

The first Mediterranean secondary depression appeared over Greece on the 1st, then proceeded rapidly eastwards and approached Cyprus on the 2nd while it deepened appreciably and on the 3rd it traversed Iraq.

The second Mediterranean secondary depression this month originated over Central Mediterranean on the 2nd, then it proceeded rapidly eastwards, passed by Crete on the 3rd and approached Cyprus on the 4th where it remained stationary up till the 8th. During its life history over East Mediterranean it showed a marked deepening on the 7th..

The third Mediterranean secondary depression this month developed over West Mediterranean on the 8th, then it followed a southeast track. On the 11th it passed by Tunisia and on the 12th it approached the Libyan Desert where it started afterwards a new northeast track through the Mediterranean. Along its new course it shooted rapidly through Greece on the 14th and the Black Sea on the 15th, while its southern V shaped trough skirted gradually the southern coast of Asia Minor and approached Cyprus on the 16th.

The fourth Mediterranean secondary depression this month developed over Asia Minor on the 18th and shooted eastwards through Iraq on the 19th where it filled gradually.

The fifth Mediterranean secondary depression this month was rather complex and included on the 21st two closed lows, one over West Mediterranean and the second originated over Tunisia. This complex low followed a southeast track, traversed Central Mediterranean by 22nd and Greece by the 23rd where it changed its course and followed a northeast track. On the 24th, its southern trough skirted the U.A.R. northern coast, while on the 25th it traversed Cyprus.

For the month as a whole, the barometric pressure experienced three consecutive oscillations below its normal round periods (1st - 7th), (14th - 19th) & (24th - 28th); while otherwise it exceeded its normal.

SURFACE WIND

During this month, the prevailing winds were light/moderate in general : NE ly most of the periods (9th - 12th),and (42th 28th), NW ly round the period (16th - 21st) & S/SE ly elsewhere with the exception of the period (5th - 8th) when prevailing winds were NW ly in particular over the westem part of the Mediterranean district. Fresh/strong winds blew in advance and during the passage of Mediterranean secondary troughs through East Mediterranean.

Calms were frequent during the nights and early morning intervals over Upper Egypt district.

Gales were reported at : Sidi Barrani on the 14th, 16th; Mersa Matruh on the 2nd, 7th 19th; Alexandria on the 2nd, Port Said on the 2nd, 19th & 20th ; Ghazza on the 2nd, 3rd & 20th ; Zaher & Cairo on the 7th ; Bahariya on the 2nd & 17th and at Hurghada on the 17th & 20th.

TEMPERATURE

Maximum temperature oscillated generally round its normal over the Mediterranean district and its values ranged mostly between 16°C &21°C. Over the mid inland and far inland districts of the Republic it oscillated deeply below its normal with the exception of short intervals of marked warmth and its values ranged between 14°C & 24°C and between 18°C & 33°C respectively.

The absolute maximum temperature for the Republic was 34.2°C reported at Aswan on the 14th.

Minimum temperature oscillated round its normal over the Mediterranean and mid inland districts of the Republic and its values ranged between 4°C & 12°C and between 1°C & 9°C respectively. Over the far inland districts it continued below its normal most of the month and its values ranged between 4°C & 15°C.

The absolute minimum temperature for the Republic was — 2.0°C reported at Dakhla on the 22nd.

PRECIPITATION

This month was characterized with two rainy periods round the first and third weeks. Rain fell over the Mediterranean coastal strip and extended inland in the south up to Fayoum. Rainfall was heavy in scattered localities where, for the month as a whole, it exceeded its monthly value. Thunderstorms and hail accompanied rainfall sometimes particularly over the Mediterranean coastal strip.

The absolute monthly rainfall for the Republic was 62.8 mms. reported at Mex ; while the absolute daily rainfall was 19.8 mms reported also at Mex on the 6th.

MISCELLANEOUS WEATHER PHENOMENA

Rain fell at : Sallum on the 4th, 5th, 7th, 18th & 19th; Sidi Barrani on the 2nd, (5th - 7th) & (16th - 19th); Mersa Matruh on the (5th - 7th) & (16th - 21st); Ras El Hikma on the 2nd, 8th & (18th - 21st); Dabaa on the 2nd, 19th & 20th; Dekheila on the 2nd, (6th - 8th), 16th, 17th, 19th & 20th; Alexandria on the 2nd, 3rd, 5th, 7th,16th,17th, 19th &20th; Balteam on the (6th - 8th) & (16th - 19th); Damietta on the 6th, 7th, 8th, 17th & 19th; Port Said on the 7th, 8th, 19th & 20th; El Arish on the 7th & (19th - 21st) ; Ghazza on the 7th, 8th, 17th, 19th, 20th & 21st; El Sirw on the 7th & 20th; Sakha on the 6th, 7th, 16th, 18th & 19th; Mansoura on the 7th, 8th & 19th; Damanhour on the (6th - 8th), 16th, 17th, 19th & 20th; Tanta on the 6th, 7th, 19th & 20th; Tahrir on the 7th, 19th and 20th; Shebin El Kom on the 7th, 19th and 20th, Zagazig on the 19th & 20th, abu Sueir on the 7th, 17th & 19th; Zaher on the 7th, 19th & 20th; Inshas on the 7th, 19th, 20th & 21st; Kabrit on the 19th; Delta Barrage on the (18th - 20th) ; Cairo, Mostafa Helmi ,Abbasiya, Imbaba & Giza on the 7th, 19th and 20th; Almaza on the 7th, 19th, 20th & 21st; Helwan on the 19th, 20th & 21st; Beni-Suef on the 19th and at Abu Redes on the 21st.

Hail fell at : Sallum and Sidi Barrani on the 19th; Ghazza on the 17th & 20th; Tahrir on the 20th and at Abu Sueir on the 17th.

Thunderstorms occurred at : Sallum and Sidi Barrani on the 5th & 6th; Dekheila on the 17th; Alexandria on the 6th, 8th, 17th & 19th; Balteam on 17th and at Ghazza on the 20th.

Mist patches developed at : Alexandria on the 10th, 24th & 26th; Balteam on the 25th; Port Said & Ghazza on the 1st & 2nd; Tahrir on the 2nd, 13th, 23rd, 24th, & 27th; Shebin El Kom on the 11th, 25th & 28th; Zagazig on the 1st; Abu Sueir on the (11th - 13th), 22nd & 27th; Zaher on the 10th, 11th, 13th & (26th - 28th); Inshas on the 11th, 13th, (20th - 22nd) & (25th - 28th); Fayed on the 12th; Kabrit on the 25th & 27th; Cairo on the 11th, 22nd & (26th - 28th) Mostafa Helmi on the (11th - 13th), 22nd, 26th & 27th; Almaza on the 21st; Abbasiya on the 11th, 21st & 22nd; Imbaba on the 10th & 11th; Helwan on the 2nd, 24th & (26th - 28th); Beni Suef on the 11th, Minya on the 11th, 15th, 22nd, 24th & 25th and at Quseir on the (14th - 17th)

Fog patches developed at : Alexandria on the 1st, 25th & 27th; Port Said & El Arish on the 25th; Ghazza on the 11th; Mansura & Tahrir on the 1st & 25th; Shebin El Kom on the 1st; Abu Sueir on the 1st & (24th - 26th) Zaher, Wadi El Natrun & Inshas on the 1st; Kabrit on the 26th; Cairo Mostafa Helmi, Almaza, Abbasiya & Imbaba on the 1st; Helwan on the 1st & 11th and at Fayoum on the 1st.

Local rising sand or dust was reported at : Sallum on the 4th, 7th & 18th; Mersa Matruh on the 2nd, 4th & 18th; Ras El Hikma on the 2nd, 4th, 7th, 18th & 19th; Dabaa, Dekheila and Alexandria on the 2nd & 7th ; Balteam and Damietta on the 2nd Port Said on the 2nd, 3rd & 5th; El Arish on the (2nd - 4th), 7th, 8th, 17th, 19th & 20th; Ghazza on the 2nd, 3rd & (6th - 8th); Tanta on the 2nd; Tahrir on the 2nd, 6th, 7th, 14th & (17th - 19th); Shebin El Kom on the 2nd, 7th, 14th & 19th; Abu Sueir on the 2nd, 3rd, 5th, 7th, 8th & 14th; Zaher on the 2nd, 3rd, 7th, 14th, 17th & 19th; Inshas on the 2nd, 3rd, 5th, 7th, 8th, 14th & (17th-19th); Fayed on the 2nd, 3rd, 7th, 8th, 17th, 19th & 21st; Kabrit on the 2nd, 5th & 19th; Cairo on the (2nd - 5th), 7th, 8th, 14th, 17th & 19th; Mostafa Helmi on the 2nd, 3rd, 7th, 8th, 14th, 17th, 19th & 20th; Almaza on the 2nd, 3rd, 7th, 14th, 17th & 19th; Abbasiya on the 2nd, 3rd, 7th and 17th; Imbaba on the 2nd, 7th, 14th & 15th; Giza on the 2nd, 7th, 14th &17th; Helwan on the 2nd & 17th; Fayoum on the 2nd; Beni Suef on the 2nd, 14th, 17th & 19th; Minya on the 2nd & 14th; Asyout and Loxor on the 2nd & 17th; Aswan on the (2nd - 4th), 6th & 7th ; Siwa on the (2nd — 5th), 7th, 8th, 19th, 20th, 23rd & 24th; Bahariya on the 2nd, 7th, 14th & 16th; Farafra on the 2nd, 7th, 14th, 17th, 19th, 20th & 24th; Dakhla on the 2nd, 14th, 17th & 20th; Kharga on the 2nd & (16 - 18th); Abu Redes on the 14th & 20th; Tor on the 2nd, 3rd, 8th and 17th; Hurghada on the 3rd & 17th an at Quseir on the 17th.

Sand or duststorms below over : Port Said El Arish & Mansoura on the 2nd; Tahrir on the 2nd, 14th & 19th; Zagazig on the 2nd and 19th; Abu Sueir on the 2nd, 14th & 19th; Zaher on the 7th; Inshas on the 2nd, 3rd, 7th and 14th; Fayed on the 14th; Cairo on the 2nd; Mostafa Helmi on the 2nd &7th; Almaza, Fayoum, Mallawi, Asyout & Siwa on the 2nd; Bahariya & Frafra on the 2nd, 14th and 17th; Dakhla on the 3rd; Kharga on the 2nd and over Hurghada on the 17th & 20th.

M. F. TAHA

Under Secretary of State
Director General
Meteorological Department

Cairo 21 / 9 / 1970

Table A 1.—MONTHLY MEAN VALUES OF ATMOSPHERIC PRESSURE AT FIXED HOURS CORRECTED TO Hp AND TO MEAN SEA LEVEL

FEBRUARY 1962

District	Station	Altitude of Hp (metres)	Station Pressure (mb.) (corrected to Hp.) 0000 U.T. Mean	0000 U.T. Dev. from normal	0600 U.T. Mean	0600 U.T. Dev. from normal	1200 U.T. Mean	1200 U.T. Dev. from normal	1800 U.T. Mean	1800 U.T. Dev. from normal	Altitude of the barometric cistern (metres)	Mean Sea Level Pressure (mb) (corrected to M.S.L.) 0000 U.T. Mean	0000 U.T. Dev. from normal	0600 U.T. Mean	0600 U.T. Dev. from normal	1200 U.T. Mean	1200 U.T. Dev. from normal	1800 U.T. Mean	1800 U.T. Dev. from normal
Mediterranean	Sallum	6.0	1015.6	—	1015.9	—0.4	1015.2	—0.3	1016.0	+0.1	5.2	1016.1	—	1016.4	—0.4	1015.7	—0.3	1016.5	+0.1
	Sidi Barrani	23.3	1013.0	—0.9	1013.3	—1.3	1012.5	—1.1	1013.3	—0.7	23.3	1015.8	—0.9	1016.1	—1.3	1015.3	—1.1	1016.1	—0.7
	Mersa Matruh (A)	30.0	1012.9	—0.6	1012.9	—1.2	1012.2	—1.1	1013.0	—0.8	30.0	1016.6	—0.6	1016.6	—1.2	1015.9	—1.1	1016.7	—0.8
	Ras El Hikma	45.8	1010.3	—	1010.7	—	1009.9	—	1010.6	—	45.8	1015.4	—	1015.9	—	1015.0	—	1015.7	—
	Dabaa	18.0	1013.6	—	1013.6	—	1012.9	—	1013.8	—	17.8	1015.6	—	1015.6	—	1014.9	—	1015.8	—
	Dekheila (A)	6.0	1016.4	—	1016.6	—	1015.6	—	1016.4	—	5.9	1017.0	—	1017.2	—	1016.2	—	1017.0	—
	Alexandria (A)	7.0	1015.7	—0.9	1015.9	—1.1	1015.0	—1.1	1016.0	—0.7	6.8	1016.5	—0.9	1016.7	—1.0	1015.8	—1.1	1016.8	—0.7
	Balteam	2.2	1016.3	—	1016.6	—	1015.3	—	1016.5	—	2.2	1016.5	—	1016.8	—	1015.5	—	1016.7	—
	Damietta	3.8	1016.0	—	1016.0	—	1014.9	—	1016.1	—	3.8	1016.4	—	1016.4	—	1015.3	—	1016.5	—
	Port Said (A)	6.1	1015.6	—0.7	1015.9	—0.8	1014.8	—0.9	1016.0	—0.5	6.1	1016.3	—0.7	1016.6	—0.8	1015.5	—0.9	1016.7	—0.5
	El Arish	17.1	1014.7	+1.3	1015.3	—0.6	1013.9	—0.9	1014.9	—0.6	17.1	1016.6	+1.3	1017.2	—0.6	1015.8	—0.9	1016.8	—0.6
	Ghazza	15.7	1014.7	—	1015.2	—	1014.0	—	1014.8	—	15.7	1016.6	—	1017.1	—	1015.9	—	1016.7	—
Lower Egypt	Mansoura	4.0	1017.0	—	1016.9	—0.3	1015.5	—1.1	1016.7	—0.9	3.6	1017.4	—	1017.3	—0.3	1015.9	—1.1	1017.1	—0.9
	Damanhour	6.7	1016.4	—	1016.7	—0.8	1015.6	—1.4	1016.5	—1.0	6.7	1017.1	—	1017.4	—0.8	1016.2	—1.5	1017.2	—1.0
	Gimmeiza	8.9	—	—	1015.4	—	1014.3	—	1015.6	—	8.9	—	—	1016.4	—	1015.3	—	1016.6	—
	Tanta	14.8	1014.9	—	1014.8	—0.3	1013.6	—0.1	1015.1	+0.5	15.4	1016.6	—	1016.5	—0.3	1015.3	—0.1	1016.8	+0.5
	Tahrir	17.8	1015.1	—	1015.6	—	1014.3	—	1015.3	—	18.6	1017.3	—	1017.8	—	1016.5	—	1017.5	—
	Shebin El Kom	13.1	1015.5	—	1015.8	—0.6	1014.2	—0.8	1015.5	—0.1	13.8	1017.0	—	1017.3	—0.6	1015.7	—0.9	1017.0	—0.1
	Zagazig	13.0	1015.8	—	1015.9	—1.2	1014.6	—0.6	1015.8	—0.4	13.0	1017.4	—	1017.5	—1.2	1016.2	—0.6	1017.4	—0.4
	Abu Sueir (A)	16.0	1015.5	—	1016.0	—	1014.2	—	1015.8	—	16.0	1017.5	—	1018.0	—	1016.2	—	1017.8	—
	Zaher (A)	30.0	1012.6	—	1013.0	—	1011.6	—	1012.5	—	23.5	1016.3	—	1016.7	—	1015.2	—	1016.2	—
	Wadi El Natrun	0.9	1017.8	—	1018.0	+1.5	1016.7	+2.1	1017.8	+2.3	0.9	1017.9	—	1018.1	+1.5	1016.8	+2.1	1017.9	+2.3
	Inshas (A)	25.5	1012.6	—	1013.0	—	1011.5	—	1012.7	—	25.6	1015.8	—	1016.1	—	1014.5	—	1015.8	—
	Fayed (A)	35.0	1015.2	—	1015.5	—	1013.8	—	1015.3	—	35.0	1017.8	—	1018.1	—	1016.4	—	1017.8	—
	Kabrit (A)	7.65	1015.7	—	1016.4	—	1014.6	—	1016.0	—	7.6	1017.1	—	1017.8	—	1016.0	—	1017.4	—
Cairo Area	Cairo (A)	74.5	1009.1	—0.4	1009.5	—0.5	1008.2	—0.6	1009.2	—0.3	74.0	1016.9	—0.5	1017.5	—0.4	1015.9	—0.6	1017.1	—0.2
	Mostafa Helmi (A)	164.0	997.2	—	997.2	—	996.1	—	997.4	—	164.0	1016.9	—	1017.0	—	1015.3	—	1016.9	—
	Almaza (A)	78.5	1007.3	—0.3	1007.7	—0.6	1005.2	—0.6	1007.5	—0.1	78.6	1016.8	—0.3	1017.2	—0.6	1015.4	—0.7	1016.9	—0.1
	Abbasiya (H.Q.)	26.4	1014.8	—	1015.2	—	1013.6	—	1014.7	—	26.4	1017.0	—	1017.4	—	1015.8	—	1016.9	—
	Imbaba (A)	19.0	1014.8	—	1015.4	—	1013.6	—	1014.9	—	19.0	1016.9	—	1017.5	—	1015.7	—	1017.0	—
	Giza	22.5	1014.2	—	1014.7	+0.3	1013.2	+0.1	1014.1	+0.2	22.5	1017.0	—	1017.5	+0.3	1016.0	+0.1	1016.9	+0.2
	Helwan	140.7	1000.2	—	1000.9	—0.4	999.3	—0.2	1000.3	—0.1	140.7	1017.6	—	1018.2	—0.4	1016.3	0.0	1017.5	0.0

Table A 1 (*contd.*).—**MONTHLY MEAN VALUES OF ATMOSPHERIC PRESSURE AT FIXED HOURS CORRECTED TO Hp AND TO MEAN SEA LEVEL**

FEBRUARY 1962

District	Station	Altitude of Hp (metres)	Station Pressure (mb.) (corrected to Hp.)								Altitude of the barometric cistern (metres)	Mean Sea Level Pressure (mb) (corrected to M.S.L.)							
			0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.			0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.	
			Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal		Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal
Upper Egypt	Fayoum	23.3	1014.6	—	1015.2	+0.1	1013.3	+0.2	1014.3	+0.4	23.3	1017.7	—	1018.3	+0.2	1016.3	+0.2	1017.4	+0.5
	Beni Suef	30.45	1013.9	—	1014.3	0.0	1012.6	+0.4	1013.5	+0.5	30.05	1017.2	—	1018.0	+0.1	1016.1	+0.5	1017.0	+0.5
	Minya (A)	40.5	1012.3	—0.2	1013.0	—0.7	1011.4	—0.4	1012.0	—0.3	40.3	1017.3	—0.3	1018.0	—0.6	1016.2	—0.4	1016.9	—0.3
	Asyout (Mangabad) (A)	69.6	1009.4	+0.7	1010.4	—0.4	1008.5	+0.1	1009.2	+0.6	69.5	1017.9	+0.7	1018.9	+0.1	1016.7	+0.3	1017.5	+0.6
	Nag Hammadi	70.5	1008.0	—	1010.6	—0.2	1008.3	+0.1	1009.1	+0.1	70.0	1016.6	—	1019.1	—0.2	1016.5	0.0	1017.5	0.0
	Kena	79.5	1008.0	—	1009.4	—0.2	1006.8	0.0	1007.5	0.0	79.5	1016.9	—	1018.3	—0.2	1015.4	+0.1	1016.3	0.0
	Luxor (A)	88.5	1005.8	—0.2	1007.1	—0.6	1004.7	—0.3	1005.5	—0.3	88.4	1016.4	—0.2	1017.6	—0.7	1014.9	—0.3	1015.9	—0.3
	Kom Ombo	102.6	1003.5	—	1004.9	—	1002.4	—	1003.3	—	102.6	1015.9	—	1017.2	—	1014.3	—	1015.5	—
	Aswan (A)	193.5	992.4	—	993.7	—0.3	991.4	—0.1	992.2	+0.1	193.5	1015.7	—	1017.0	—0.2	1013.6	—0.1	1014.9	+0.1
Western Desert	Siwa	—13.5	1019.4	+0.8	1020.2	+0.2	1018.9	+0.5	1019.2	+0.7	—13.3	1017.6	+0.9	1018.3	+0.2	1017.2	+0.5	1017.4	+0.6
	Bahariya	129.5	1002.0	—	1002.7	—0.1	1001.4	—0.8	1001.7	—0.6	129.6	1018.0	—	1018.7	0.0	1016.8	—0.7	1017.4	—0.6
	Farafra	91.8	1007.9	—1.1	1008.3	—1.7	1007.1	—1.1	1007.3	—1.1	92.1	1019.3	—1.1	1019.7	—1.8	1018.1	—1.1	1018.6	—1.1
	Dakhla	111.5	1003.0	—	1004.2	—0.1	1002.6	+0.4	1002.9	+0.1	111.5	1016.7	—	1017.9	+0.1	1015.7	+0.5	1016.2	+0.2
	Kharga	72.8	1007.8	—	1008.9	—1.9	1007.1	—1.9	1007.8	+1.6	72.9	1016.6	—	1017.6	—1.9	1015.4	—1.8	1016.4	—1.5
Red Sea	Suez	11.0	1016.0	—	1016.6	—0.5	1015.0	—0.5	1015.8	+0.2	12.2	1017.2	—	1017.8	—0.5	1016.2	—0.5	1017.0	+0.2
	Abu Redes	4.0	1015.6	—	1016.9	—	1015.0	—	1015.8	—	4.0	1016.0	—	1017.3	—	1015.4	—	1016.2	—
	Tor	4.2	1015.4	—	1016.4	—0.3	1014.7	—0.3	1015.4	+0.2	4.2	1015.8	—	1016.8	—0.3	1015.1	—0.3	1015.8	+0.2
	Hurghada	2.8	1015.6	+1.5	1016.8	+0.4	1014.6	0.0	1015.8	+0.6	2.8	1015.8	+1.5	1017.0	+0.4	1014.8	0.0	1016.0	+0.6
	Quseir	10.8	1014.3	—	1015.3	—0.6	1013.7	—1.0	1014.7	—0.3	9.5	1015.3	—	1016.3	—0.6	1014.7	—1.0	1015.7	—0.3
	Abul Kizan	5.0	1015.2	—	1015.7	—	1014.2	—	1014.9	—	5.0	1015.7	—	1016.2	—	1014.8	—	1015.5	—

Table A 2.—MONTHLY MEAN VALUES OF THE DRY BULB AND WET BULB TEMPERATURES, AND THE RELATIVE HUMIDITY AT FIXED HOURS.

FEBRUARY 1962

District	Station	Dry bulb temperature (°C)								Wet bulb temperature (°C)								Relative humidity %							
		0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.		0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.		0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.	
		Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal
Mediterranean	Sallum	11.4	—	10.6	−1.9	17.1	−1.5	14.0	−0.9	9.0	—	8.5	−1.1	11.5	−1.3	10.7	−0.6	71	—	73	−7	46	−1	64	+2
	Sidi Barrani	10.5	−1.2	10.2	−1.0	16.5	−1.1	13.4	−0.5	8.5	−0.3	8.4	−0.4	11.4	−1.4	10.2	−0.7	74	+11	76	+6	50	−2	64	−3
	Mersa Matruh (A)	10.0	−0.6	10.0	−1.4	16.7	−1.0	12.5	−0.9	7.9	−0.6	8.0	−1.0	11.2	−1.3	9.6	−1.1	73	0	74	+3	47	−5	67	−3
	Ras El Hikma	12.4	—	11.8	—	16.0	—	13.5	—	9.3	—	9.2	—	11.5	—	10.4	—	64	—	69	—	55	—	65	—
	Dabaa	9.9	—	10.0	−1.6	16.7	−1.5	12.6	−1.3	7.6	—	7.5	−1.6	11.3	−1.0	9.6	−1.0	70	—	68	−2	48	+2	66	+2
	Dekheila (A)	12.0	—	11.4	—	17.0	—	14.0	—	9.1	—	8.6	—	11.8	—	10.5	—	66	—	66	—	50	—	62	—
	Alexandria (A)	11.2	−0.6	11.5	−1.1	17.4	−1.0	13.3	−0.4	9.4	0.7	9.4	−1.1	12.4	−0.7	10.6	−0.7	78	−2	75	−1	52	+1	70	−3
	Balteam	12.3	—	12.4	—	16.7	—	13.3	—	10.1	—	10.0	—	12.2	—	10.8	—	74	—	72	—	56	—	72	—
	Damietta	10.8	—	11.3	−1.2	17.9	+0.5	12.3	−1.4	9.1	—	9.3	−1.5	12.8	−0.5	10.4	−1.4	79	—	76	−5	52	−8	78	−1
	Port Said (A)	12.8	−1.0	12.6	−1.2	16.7	−0.8	14.1	−1.0	10.5	−1.2	10.4	−1.1	12.3	−1.0	11.3	−1.3	74	−3	75	+1	56	−4	69	−4
	El Arish	11.0	−0.9	12.0	−0.6	17.9	−0.1	13.7	−0.4	9.1	−0.7	9.5	−0.6	12.7	−0.9	11.0	−0.7	76	+1	71	0	51	7	70	−4
	Ghazza	11.4	—	11.6	—	16.3	—	14.2	—	9.7	—	9.4	—	13.0	—	11.9	—	79	—	74	—	66		75	—
Lower Egypt	El Sirw	10.5	—	12.8	+0.5	17.5	−0.9	12.0	−1.2	—	—	10.5	−0.1	12.5	−1.8	10.3	−1.1	—	—	74	−6	52	−9	80	0
	Sakha	8.2	—	12.5	+1.9	17.6	−1.4	10.7	−0.1	—	—	10.6	−1.2	13.5	−0.3	9.3	−0.2	—	—	78	−7	61	+9	84	0
	Mansoura	7.7	—	10.0	−0.8	17.5	−1.1	10.6	−2.1	6.6	—	8.6	−0.5	12.3	−0.7	9.0	−1.3	85	—	82	+3	51	+2	80	+7
	Damanhour	8.8	—	12.3	+1.7	17.7	−0.5	12.0	−0.4	—	—	10.5	−1.5	12.4	−0.6	10.2	0.0	—	—	79	−1	50	−2	79	+4
	Gimmeiza	—	—	12.5	+1.6	18.6	−0.6	12.0	+0.2	—	—	9.8	+0.2	13.5	−0.9	10.2	−0.2	—	—	69	−18	53	−6	79	−6
	Tanta	8.9	—	9.8	−0.8	18.2	−1.5	11.9	−0.6	7.4	—	7.8	−1.4	12.7	−1.2	9.7	−0.7	80	—	74	−8	49	0	74	−2
	Tahrir	11.0	—	10.6	—	19.1	—	14.1	—	9.5	—	9.2	—	12.8	—	11.2	—	81	—	83	—	44	—	68	—
	Shebin El Kom	8.9	—	9.0	−1.4	18.5	−1.5	12.4	−0.6	6.9	—	6.9	−1.7	12.5	−0.8	9.6	−0.6	73	—	72	−5	46	+4	68	0
	Zagazig	11.2	—	10.0	−1.1	18.3	−1.6	13.1	0.0	—	—	8.1	−1.5	12.6	−1.8	10.7	−0.3	—	—	75	−6	48	−3	73	−3
	Abu Sueir (A)	10.4	—	10.8	—	19.0	—	13.5	—	7.9	—	8.2	—	11.4	—	9.8	—	69	—	68	—	33	—	59	—
	Zaher (A)	10.4	—	10.7	—	18.4	—	13.4	—	8.1	—	8.0	—	11.6	—	10.2	—	71	—	67	—	39	—	64	—
	Wadi El Natrun	10.5	—	10.3	−1.1	19.1	−1.5	13.8	−1.8	7.7	—	7.6	−1.3	11.4	−1.4	9.5	−0.8	65	—	68	−4	33	−2	54	0
	Inshas (A)	10.4	—	10.6	—	18.5	—	13.2	—	7.7	—	7.6	—	11.6	—	9.9	—	66	—	63	—	38	—	63	—
	Fayed (A)	10.4	—	12.3	—	19.6	—	13.9	—	7.4	—	9.5	—	12.3	—	9.9	—	63	—	67	—	37	—	57	—
	Kabrit (A)	11.0	—	11.4	—	19.0	—	14.4	—	7.6	—	7.7	—	11.2	—	9.4	—	59	—	56	—	32	—	48	—
Cairo Area	Cairo (A)	11.5	−0.6	11.1	−1.1	18.3	−1.6	14.3	−1.1	8.3	−1.1	8.1	−1.4	11.0	−1.8	10.1	−1.1	62	−6	63	−5	35	−4	55	−2
	Mostafa Helmi (A)	10.0	—	10.1	—	17.6	—	13.2	—	6.9	—	6.7	—	10.3	—	8.8	—	61		57	—	33	—	51	—
	Almaza (A)	11.4	−0.6	11.2	−0.7	18.9	−0.8	14.3	−1.1	7.6	−1.7	7.1	−1.9	11.0	−1.4	9.6	−1.3	55	−13	51	−15	31	−6	50	−4
	Abbasiya (H. Q)	11.3	—	11.8	—	19.1	—	14.7	—	8.7	—	8.8	—	12.1	—	10.7	—	68	—	65	—	39	—	57	—
	Imbaba (A)	9.3	—	9.7	—	18.8	—	13.0	—	6.6	—	7.2	—	12.0	—	9.4	—	65	—	68	—	39	—	59	—
	Giza	9.9	—	10.1	−0.5	18.3	−1.9	13.9	+0.3	7.8	—	7.8	+0.1	11.4	−1.6	9.8	−0.7	73	—	71	−5	38	−1	56	−9
	Helwan	11.1	—	10.9	−0.2	18.4	−0.8	14.2	−1.0	7.4	—	7.4	−0.8	10.7	−0.8	9.2	−0.8	55	—	57	−7	31	−2	47	0

Table A2 (contd).--MONTHLY MEAN VALUES OF THE DRY BULB AND WET BULB TEMPERATURES AND THE RELATIVE HUMIDITY AT FIXED HOURS

FEBRUARY 1962

District	Station	Dry bulb temperature (°C)								Wet bulb temperature (°C)								Relative humidity (%)							
		0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.		0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.		0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.	
		Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal
Upper Egypt	Fayoum	10.5	—	10.4	—0.5	19.6	—1.0	14.2	0.0	7.7	—	7.7	—0.5	12.0	—1.0	9.9	—0.5	65	—	66	—2	34	—3	54	—5
	Beni Suef	9.6	—	9.4	—2.8	19.8	—2.4	13.6	—1.9	6.5	—	6.4	—2.2	12.2	—1.4	9.6	—0.8	60	—	61	+3	35	+3	56	0
	Seds	9.7	—	10.3	+0.5	19.9	—1.3	13.1	—0.6	—	—	7.7	—0.3	12.8	—1.6	10.0	—1.0	—	—	67	—10	39	—4	65	—4
	Minya (A)	7.8	—0.4	8.6	—0.7	20.3	—1.5	12.6	—1.0	6.1	+0.5	7.0	—0.3	12.3	—0.7	9.3	0.0	76	+12	78	+12	33	+3	62	+9
	Mallawi	9.6	—	7.5	—	21.4	—	12.1	—	—	—	6.3	—	13.4	—	9.2	—	—	—	83	—	35	—	66	—
	Asyout (Mangabad (A)	10.3	—1.7	9.6	—1.7	20.6	—2.4	14.6	—2.4	5.7	—1.9	5.2	—2.4	10.9	—2.2	8.5	—2.1	44	—6	44	—12	21	—5	38	—1
	Shandaweel	9.5	—	10.8	—0.8	22.1	—1.3	13.3	—1.0	—	—	8.0	—1.2	14.4	—1.2	10.6	—1.1	—	—	65	—6	38	—1	70	—2
	Nag Hammadi	9.8	—	12.0	+0.4	21.4	—0.8	14.5	+0.5	—	—	9.7	+1.5	15.0	—1.9	12.1	+1.9	—	—	73	+13	46	+15	74	+15
	Kena	—	—	13.3	+1.3	22.5	—1.3	15.6	—0.1	—	—	9.5	+0.9	14.3	—0.5	11.1	+0.1	—	—	58	—3	36	+4	54	+1
	Luxor (A)	10.6	—0.2	11.3	—2.2	23.0	—1.3	15.5	—1.1	6.6	—0.6	7.3	—1.2	13.6	—1.4	10.1	—1.2	51	—2	52	—3	29	—9	46	—3
	Kom Ombo	11.9	—	13.7	—	24.8	—	17.8	—	6.5	—	8.6	—	13.7	—	10.3	—	38	—	45	—	21	—	31	—
	Aswan (A)	12.7	—	12.9	—1.0	24.0	—0.6	18.7	—1.0	6.3	—	7.0	—1.7	12.3	—1.4	9.3	—1.9	30	—	35	—10	16	—6	19	—9
Western Desert	Siwa	9.3	—1.0	7.9	—1.2	18.6	—1.5	14.2	—1.4	5.7	—1.0	5.3	—1.0	10.7	—1.4	8.3	—1.6	53	—2	64	0	30	—3	38	—5
	Bahariya	8.5	—	7.8	—3.4	19.2	—1.3	14.2	—0.2	5.2	—	4.9	—3.3	11.0	—2.0	8.7	—1.1	56	—	60	—3	29	—8	42	—10
	Farafra	8.5	—	6.9	—2.5	19.5	—2.2	13.5	—1.7	5.4	—	3.5	—2.7	10.6	—2.4	7.5	—2.0	47	—	52	—7	25	—6	36	—6
	Dakhla	7.3	—	6.8	—3.4	21.1	—1.5	14.2	—3.2	3.2	—	3.2	—3.0	10.7	—2.4	7.3	—2.8	44	—	49	—1	17	—10	29	—4
	Kharga	9.5	—	10.4	—1.8	23.0	—0.1	15.1	—1.5	5.2	—	6.2	—2.1	12.7	—2.2	8.6	—2.1	45	—	48	—7	23	—13	35	—8
Red Sea	Suez	13.2	—	12.8	—0.3	19.0	—0.6	15.9	+0.2	—	—	10.3	—0.1	13.0	0.0	11.5	—0.2	—	—	72	+3	46	+4	56	—3
	Abu Redes	14.3	—	14.8	—	19.0	—	16.9	—	9.9	—	10.0	—	13.1	—	12.2	—	54	—	51	—	47	—	54	—
	Tor	13.2	—	13.6	—0.7	19.5	—1.0	17.0	—0.3	9.1	—	8.9	—1.4	13.5	—1.7	11.8	—1.0	54	—	49	—8	47	—7	50	—6
	Hurghada	13.1	+0.1	14.1	—1.0	20.8	+0.8	16.8	—0.3	8.3	—1.0	8.8	—1.7	13.1	—2.0	11.5	—1.3	77	—11	44	—8	36	—18	49	—9
	Quseir	15.5	—	16.9	—1.1	21.1	—0.6	17.9	—1.1	10.8	—	10.9	—1.6	14.6	—1.6	13.3	—1.1	52	—	43	—6	45	—9	57	—1
	Abul Kizan	21.1	—	21.7	—0.5	22.5	—0.4	21.1	—0.3	—	—	17.6	—0.7	18.2	—0.3	17.4	—0.5	—	—	65	—2	64	0	67	—1

Table A3. — MONTHLY MEAN DAILY VALUES OF THE ATMOSPHERIC PRESSURE, AIR TEMPERATURES AND THE RELATIVE HUMIDITY

FEBRUARY 1962

District	Station	Atmospheric pressure (mb.)					Air temperature (°C)											Relative humidity %		
		Derivation of the mean values a, b, c, d	Station Pressure corrected to Hp		M.S.L. Pressure		Maximum (A)		Minimum (B)		(A+B)/2	Dry bulb			Wet bulb			Derivation of the mean values a,b,c,d,e	Mean	Dev. from normal
			Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal		Deriv. of the mean values a, b, c, d	Mean	Dev. from normal	Deriv. of the mean values a, b, c, d	Mean	Dev. from normal			
Mediterranean	Sallum	a	1015.7	−0.8	1016.2	−0.8	18.2	−1.8	9.5	+0.3	13.8	a	13.5	0.3	a	10.1	−0.5	a	62	−2
	Sidi Barrani	a	1013.0	−1.0	1015.6	−1.0	17.4	−1.4	8.6	−0.2	13.0	a	12.9	−0.7	a	9.8	−0.4	a	65	+2
	Mersa Matruh (A)	a	1012.8	−0.6	1016.5	−0.6	17.7	−1.1	7.8	−0.6	12.8	a	12.6	−0.7	a	9.3	−1.1	a	62	−5
	Ras El Hikma	a	1010.4	—	1015.5	—	16.6	—	9.4	—	13.0	a	13.4	—	a	10.2	—	a	64	—
	Dabaa	a	1013.5	—	1015.5	—	17.6	−2.0	7.7	−0.1	12.2	a	12.6	−0.3	a	9.2	−0.8	a	61	−6
	Dekheila (A)	a	1016.3	—	1016.9	—	17.7	—	9.2	—	13.4	a	13.7	—	a	10.1	—	a	60	—
	Alexandria (A)	a	1015.7	−1.3	1016.5	−1.3	18.7	−0.3	8.2	−1.4	13.4	a	13.4	−0.9	a	10.5	−0.8	a	67	0
	Balteam	a	1016.2	—	1016.4	—	17.6	—	10.6	—	14.1	a	13.9	—	a	10.9	—	a	67	—
	Damietta	a	1014.5	−2.1	1014.9	−2.1	19.0	−0.1	8.5	−0.3	13.8	a	13.2	−0.0	a	10.5	−0.9	a	69	−11
	Port Said (A)	a	1015.6	−0.7	1016.3	−0.7	17.7	−0.9	11.3	−0.8	14.5	a	14.1	−0.7	a	11.1	−1.0	a	67	−4
	El Arish	a	1014.7	−0.3	1016.6	−0.3	19.3	−0.9	9.2	+0.2	14.2	a	13.8	+0.4	a	10.6	−0.3	a	65	−7
	Ghazza	a	1014.7	—	1016.6	—	17.7	—	9.5	—	13.6	a	13.6	—	a	11.1	—	a	72	—
Lower Egypt	El Sirw	—	—	—	—	—	18.8	−0.8	7.4	−0.1	13.1	c	13.2	+0.4	c	11.2	+0.2	c	77	−3
	Sakha	—	—	—	—	—	18.8	−1.2	6.0	−0.2	12.4	c	12.2	+0.6	c	10.6	+0.4	c	81	−3
	Mansoura	a	1016.0	−0.5	1017.0	−0.5	18.9	−1.8	5.3	−2.3	12.1	a	11.7	−0.7	a	9.2	−1.1	a	70	−6
	Damanhour	c	1016.3	−1.0	1017.0	−1.0	19.2	−1.3	7.4	−0.8	13.3	c	12.7	+0.4	c	10.8	+0.4	c	79	−8
	Gimneiza	—	—	—	—	—	19.5	−0.9	5.8	−0.2	12.6	—	—	—	—	—	—	—	74	−10
	Tanta	a	1014.7	+0.1	1015.8	−0.0	19.2	−1.8	7.0	+0.6	13.1	a	12.4	+0.1	a	9.6	+0.9	a	68	−11
	Tahrir	a	1015.1	—	1017.3	—	19.6	—	7.9	—	13.8	a	13.9	—	a	10.8	—	a	66	—
	Shebin El Kom	a	1015.3	−0.3	1016.8	−0.3	19.5	−1.8	7.0	−0.5	13.2	a	12.6	−0.1	a	9.2	−1.0	a	61	−12
	Zagazig	a	1015.5	−0.7	1017.1	−0.7	19.5	−1.5	7.7	+1.0	13.6	a	13.2	+0.5	a	10.9	+0.1	a	74	−4
	Abu Sueir (A)	a	1015.4	—	1017.4	—	20.0	—	8.1	—	14.0	a	13.6	—	a	9.4	—	a	54	—
	Zaher (A)	a	1012.4	—	1016.2	—	19.2	—	8.4	—	13.8	a	13.4	—	a	9.6	—	a	58	—
	Wadi El Natrun	a	1017.6	+2.1	1017.7	+2.1	20.5	−1.3	7.5	−0.3	14.0	a	13.8	0.0	a	9.2	−1.2	a	51	−11
	Inshas (A)	a	1012.5	—	1015.7	—	19.2	—	8.4	—	13.8	a	13.3	—	a	9.3	—	a	55	—
	Fayed (A)	a	1014.9	—	1017.5	—	21.2	—	8.3	—	14.8	a	14.1	—	a	9.6	—	a	52	—
	Kabrit (A)	a	1015.7	—	1017.1	—	19.8	—	9.0	—	14.4	a	14.1	—	a	9.1	—	a	47	—
Cairo Area	Cairo (A)	a	1009.0	−0.8	1016.9	−0.8	19.3	−1.6	9.2	−1.5	14.2	a	14.0	−0.9	a	9.5	−1.2	a	52	−4
	Mostafa Helmi (A)	a	996.8	—	1016.6	—	18.3	—	8.2	—	13.2	a	12.8	—	a	8.3	—	a	50	—
	Almaza (A)	a	1007.2	−0.6	1016.6	−0.8	19.6	−1.2	9.2	0.0	14.4	a	14.0	−0.8	a	8.9	−1.5	a	46	−8
	Abbasiya H.Q.	a	1014.6	—	1017.8	—	20.3	—	9.1	—	14.7	a	14.3	—	a	10.1	—	a	55	—
	Imbaba (A)	a	1014.7	—	1016.8	—	19.9	—	6.8	—	13.4	a	12.9	—	a	8.8	—	a	54	—
	Giza	a	1014.1	+0.3	1016.9	−0.3	19.7	−0.4	7.5	+1.4	13.6	a	13.2	+0.6	a	9.3	−0.7	a	56	−14
	Helwan	a	1000.2	−0.1	1017.4	+0.2	19.4	−0.8	8.6	+0.3	14.0	a	13.7	−0.3	a	8.8	−1.0	a	47	−8

a = the 24 hours mean. b = 8 synoptic hours mean. c = 4 main synoptic hours mean.

d = 06,12 & 18 U.T. hours mean. e = 06 & 18 U.T. hours mean

Table A3 (*contd.*)—**MONTHLY MEAN DAILY VALUES OF THE ATMOSPHERIC PRESSURE, AIR TEMPERATURES AND THE RELATIVE HUMIDITY**

FEBRUARY 1962

District	Station	Atmospheric pressure (mb.)					Air temperature (°C)												Relative humidity %		
		Derivation of the mean values a, b, c, d	Station Pressure corrected to Hp		M.S.L. Pressure		Maximum (A)		Minimum (B)		(A+B) / 2	Dry bulb			Wet bulb			Derivation of the mean values a,b,c,d,e	Mean	Dev. from normal
			Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal		Deriv. of the mean values a, b, c, d	Mean	Dev. from normal	Deriv. of the mean values. a, b, c, d.	Mean	Dev. from normal			
Upper Egypt	Fayoum	a	1014.4	+0.4	1017.4	+0.4	20.7	−1.3	7.8	+0.6	14.2	a	14.0	+0.8	a	9.5	−0.3	a	52	−12
	Beni Suef	a	1013.5	+0.3	1017.0	+0.3	20.6	−2.0	6.9	+0.9	13.8	a	13.4	−0.2	a	8.9	−0.8	a	51	−6
	Seds	—	—	—	—	—	21.9	−1.2	5.8	+0.4	13.8	a	12.4	−0.1	a	9.5	−0.7	a	66	−7
	Minya (A)	a	1012.2	−0.7	1017.2	−0.6	21.2	−1.3	4.9	−0.5	13.0	a	12.7	−0.1	a	8.8	−0.6	a	56	+3
	Mallawi	—	—	—	—	—	22.9	—	4.1	—	13.5	a	12.6	—	a	10.3	—	a	74	—
	Asyout (Mangabad) (A)	a	1009.4	+0.5	1017.8	+0.7	21.6	−1.2	6.7	−0.7	14.2	a	14.1	−0.7	a	7.8	−1.4	a	34	−8
	Shandaweel	—	—	—	—	—	23.8	−0.8	6.0	−0.1	14.9	c	13.9	−1.0	a	11.0	−1.2	a	68	−4
	Nag Hammadi	c	1009.0	−0.3	1017.4	−0.4	23.8	+0.7	6.8	+1.4	15.3	c	14.4	+1.2	c	12.0	+2.5	c	74	+15
	Kena	c	1007.9	−0.2	1016.7	−0.1	24.8	−0.4	8.1	+0.5	16.4	a	—	—	—	—	—	—	56	−1
	Luxor (A)	a	1005.8	0.0	1016.2	0.0	24.1	−1.6	[illegible]	+0.3	15.6	a	15.3	−0.4	a	9.5	−0.6	a	41	−7
	Kom Ombo	a	1003.5	—	1015.7	—	26.1	—	[illegible]	—	17.1	a	16.9	—	a	9.5	—	a	31	—
	Aswan (A)	a	992.5	−0.3	1015.3	−0.4	25.3	−0.5	9.4	−1.3	17.4	a	17.2	−0.2	a	8.8	−1.9	a	23	−15
Western Desert	Siwa	a	1019.4	−0.6	1017.6	−0.6	19.9	−2.4	5.9	−1.0	12.9	a	12.9	−0.1	a	7.7	−0.4	a	43	−3
	Bahariya	a	1001.9	−0.3	1017.7	−0.3	20.2	−1.8	5.2	−1.2	12.7	a	12.8	−0.3	a	7.7	−1.7	a	44	−14
	Farafra	a	1007.7	−1.2	1018.9	+1.3	20.4	−2.2	4.8	−0.[illegible]	12.6	a	12.6	−0.3	a	6.8	−1.3	a	36	−11
	Dakhla	a	1003.2	−1.6	1016.7	−1.4	22.1	−1.8	2.8	−3.[illegible]	12.4	a	12.8	−1.5	a	6.3	−2.6	a	29	−15
	Kharga	a	1007.9	−1.8	1016.5	−1.7	24.0	−0.3	5.8	−1.7	14.9	a	14.6	−0.2	a	8.3	−1.4	a	36	−12
Red Sea	Suez	c	1015.8	−0.0	1017.0	0.0	20.7	−0.6	9.7	0.0	15.2	c	15.2	+0.5	c	11.8	+0.4	e	64	0
	Abu Redes	a	1015.8	—	1016.2	—	20.3	—	11.2	—	15.8	a	16.2	—	a	11.3	—	a	52	—
	Tor	a	1015.5	−0.1	1015.9	−0.1	20.8	−0.9	9.9	+0.4	15.4	a	16.0	+0.6	a	11.0	−0.1	a	50	−6
	Hurghada	a	1015.7	−0.7	1015.9	−0.7	21.4	+0.6	10.3	+0.2	15.8	a	16.3	−0.1	a	10.5	−1.3	a	43	−11
	Quseir	a	1014.5	−0.7	1015.5	−0.7	21.6	−1.4	13.7	−0.6	17.6	a	17.8	−0.4	a	12.5	−0.7	a	50	−4
	Abul Kizan	c	1015.0	—	1015.6	—	23.9	−0.2	19.2	−0.5	21.6	c	21.6	−0.0	a	17.7	−0.2	e	66	−2

a = the 24 hours mean. b = 8 synoptic hours mean. c = 4 main symoptic hours mean.

d = 06.12 & 18 U. T. hours mean. e = 06 & 18 U. T. hours mean.

Table A 4.—MAXIMUM AND MINIMUM AIR TEMPERATURES

FEBRUARY 1962

District	Station	Maximum temperature (°C)									Minimum temperature (°C)							
		Highest	Date	Lowest	Date	Number of days with maximum temperature					Highest	Date	Lowest	Date	Number of days with minimum temperature			
						>25°	>30°	>35°	>40°	>45°					<10°	<5°	<0°	<−5°
Mediterranean	Sallum	25.0	28	14.2	17	0	0	0	0	0	13.5	14	4.8	17	16	1	0	0
	Sidi Barrani	23.6	28	13.1	17	0	0	0	0	0	13.0	25	4.2	4	23	1	0	0
	Mersa Matruh (A)	22.8	15	14.0	17	0	0	0	0	0	11.5	11	3.7	4	26	1	0	0
	Ras El Hikma	22.0	15	13.0	20	0	0	0	0	0	13.5	13	6.5	6-7	15	0	0	0
	Dabaa	21.7	15	14.1	20	0	0	0	0	0	12.1	11	3.9	4	24	3	0	0
	Dekheila (A)	21.4	15	13.4	20	0	0	0	0	0	14.5	26	6.2	20	20	0	0	0
	Alexandria (A)	22.8	15	13.4	20	0	0	0	0	0	11.9	9	4.3	22	24	2	0	0
	Balteam	21.4	2	13.1	20	0	0	0	0	0	13.3	11	7.9	20	11	0	0	0
	Damietta	24.4	2	13.2	20	0	0	0	0	0	12.0	11	4.5	5	20	1	0	0
	Port Said (A)	24.4	2	14.2	17	0	0	0	0	0	15.0	26	6.8	20	9	0	0	0
	El Arish	27.0	2	13.6	20	2	0	0	0	0	14.0	12	5.1	23	18	0	0	0
	Ghazza	27.4	2	12.8	20	2	0	0	0	0	12.0	15	6.1	23	14	0	0	0
Lower Egypt	El Sirw	25.4	2	13.8	20	1	0	0	0	0	10.6	2	3.7	5	26	2	0	0
	Sakha	23.3	16	11.5	20	0	0	0	0	0	9.4	26	2.6	5	28	7	0	0
	Mansoura	23.8	25	12.7	20	0	0	0	0	0	8.7	26	1.7	5	28	13	0	0
	Damanhour	24.1	15	13.2	20	0	0	0	0	0	10.1	26	4.1	1	27	1	0	0
	Gimmeiza	25.0	16	13.0	20	0	0	0	0	0	9.0	26	2.5	22	28	8	0	0
	Tanta	23.7	25	12.2	20	0	0	0	0	0	10.0	26	4.1	23	27	2	0	0
	Tahrir	25.2	14	13.0	20	1	0	0	0	0	11.0	26	5.2	23	24	0	0	0
	Shebin El Kom	24.5	25	11.7	20	0	0	0	0	0	10.4	26	3.9	23	26	3	0	0
	Zagazig	25.8	16	13.3	20	2	0	0	0	0	10.9	14	5.0	7-22	24	0	0	0
	Abu Sueir (A)	27.2	2	14.5	20	1	0	0	0	0	11.8	26	5.1	10	23	0	0	0
	Zaher (A)	25.3	14	12.2	20	2	0	0	0	0	11.5	14	5.1	22	23	0	0	0
	Wadi El Natrun	26.3	25	14.0	20	2	0	0	0	0	10.6	26	4.2	22	25	2	0	0
	Inshas (A)	25.3	2	11.7	20	1	0	0	0	0	12.6	14	6.0	10-20	23	0	0	0
	Fayed (A)	27.3	2	15.1	20	5	0	0	0	0	12.5	14	3.5	23	22	2	0	0
	Kabrit (A)	25.9	16	12.8	20	1	0	0	0	0	13.5	14	5.0	23	19	0	0	0
	Delta Barrage	24.9	16	13.6	21	0	0	0	0	0	11.0	14	3.0	3	25	5	0	0
Cairo Area	Cairo (A)	24.9	16	12.2	20	0	0	0	0	0	12.2	14-26	6.0	20	18	0	0	0
	Mostafa Helmi (A)	24.5	24	13.2	20	0	0	0	0	0	11.3	26	5.2	8-10	23	0	0	0
	Almaza (A)	25.9	16	13.0	20	2	0	0	0	0	13.2	26	5.3	22	19	0	0	9
	Abbasiya (H. Q)	26.5	16	14.8	20	2	0	0	0	0	12.8	16	6.1	22	19	0	0	0
	Imbaba (A)	26.2	16	13.3	20	1	0	0	0	0	10.6	14	1.6	2	25	7	0	0
	Giza	26.0	16	13.5	20	1	0	0	0	0	11.6	26	3.4	23	25	4	0	0
	Helwan	24.7	16	12.9	20	0	0	0	0	0	12.5	26	4.4	18	19	1	0	0

* More than 3 days.

Table A 4 (*contd.*)—MAXIMUM AND MINIMUM AIR TEMPERATURES

FEBRUARY 1962

District	Station	Maximum temperature (°C)									Minimum temperature (°C)							
		Highest	Date	Lowest	Date	Number of days with maximum temperature					Highest	Date	Lowest	Date	Number of days with minimum temperature			
						> 25°	> 30°	> 35°	> 40°	> 45°					< 10°	< 5°	< 0°	< - 5°
Upper Egypt	Fayoum	27.1	17	15.1	20	3	0	0	0	0	13.3	14	4.5	5	23	3	0	0
	Beni Suef	26.0	16	15.4	20	4	0	0	0	0	11.4	14	3.4	22	25	5	0	0
	Seds	27.0	16·25	16.0	20	5	0	0	0	0	11.0	14	3.0	23	27	11	0	0
	Minya (A)	30.6	14	15.5	6	4	1	0	0	0	9.4	13	1.0	18·22	28	16	0	0
	Mallawi	32.8	14	14.5	6	7	1	0	0	0	8.6	14	1.0	18	28	20	0	0
	Asyout (Mangabad) (A)	33.3	14	15.8	6	5	1	0	0	0	11.8	14	4.1	5	26	6	0	0
	Shandaweel	30.7	14	18.0	17	12	1	0	0	0	10.4	14	1.8	18	27	10	0	0
	Nag Hammadi	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kena	31.0	14·16	19.4	17·20	13	2	0	0	0	12.4	2	4.2	8	20	2	0	0
	Luxor (A)	30.7	14·16	17.1	20	13	3	0	0	0	13.4	15	2.5	22	23	8	0	0
	Kom Ombo	34.0	14	19.2	21	15	5	0	0	0	15.0	15	3.5	9	21	5	0	0
	Aswan (A)	34.2	14	17.6	7·21	15	6	0	0	0	15.6	15	3.6	9	16	3	0	0
Western Desert	Siwa	25.2	15	15.7	17	1	0	0	0	0	13.1	13	1.0	9	26	8	0	0
	Bahariya	27.6	14	14.5	17	3	0	0	0	0	10.6	13	0.6	9	25	14	0	0
	Farafra	27.2	15	14.5	17	6	0	0	0	0	9.8	14	—0.1	22	28	13	1	0
	Dakhla	31.4	14	15.4	6	9	1	0	0	0	7.7	14	—2.0	22	28	19	8	0
	Kharga	34.1	14	17.2	20	13	3	0	0	0	11.6	28	1.5	9	26	13	0	0
Red Sea	Suez	25.2	15	14.9	20	1	0	0	0	0	14.1	19	5.3	22	16	0	0	0
	Abu Redes	27.6	14	15.5	20	2	0	0	0	0	15.4	14	7.1	22·23	8	0	0	0
	Tor	25.0	25	16.2	20	0	0	0	0	0	13.5	27	5.2	23	14	0	0	0
	Hurghada	24.7	24	17.2	21	0	0	0	0	0	15.4	2	6.8	21	13	0	0	0
	Quseir	24.7	2	17.5	18	0	0	0	0	0	19.1	15	10.4	21	0	0	0	0
	Abul Kizan	27.7	16	20.4	20	7	0	0	0	0	23.0	15	17.0	21	0	0	0	0

Table A 5.— RAINFALL AND SNOW DEPTH

FEBRUARY 1962

District	Station	Rainfall (millimetres)											Snow depth (centimetres)	
		Total Amount	Dev. from normal	Maximum fall in one day		Number of days with amount of rain							Maximum depth	Date
				Amount	Date	0.1	0.1	≥1.0	≥5.0	>10	>25	≥ 50		
Mediterranean	Sallum	18.6	+ 5.5	16.6	5	2	5	1	1	1	0	0	0	—
	Sidi Barrani	32.1	+ 7.0	13.5	5	0	8	7	1	1	0	0	0	—
	Mersa Matruh (A)	18.9	− 2.1	5.6	6	1	9	6	1	0	0	0	0	—
	Ras El Hikma	9.7	—	3.7	19	1	6	3	0	0	0	0	0	—
	Dabaa	6.2	−15.6	4.0	20	3	3	2	0	0	0	0	0	—
	Dekheila (A)	39.3	—	12.7	7	0	8	7	3	2	0	0	0	—
	Alexandria (A)	34.9	+ 8.9	13.6	7	0	8	7	2	1	0	0	0	—
	Rosetta	37.2	—	11.0	18	2	6	6	4	2	0	0	0	—
	Balteam	29.1	—	14.8	7	0	7	6	1	1	0	0	0	—
	Damietta	14.8	− 3.0	10.7	19	0	5	3	1	1	0	0	0	—
	Port Said (A)	14.7	+ 2.8	9.6	19	2	4	3	1	0	0	0	0	—
	El Arish	8.4	− 9.4	3.7	20	1	4	3	0	0	0	0	0	—
	Ghazza	28.6	−58.4	14.4	19	1	6	4	2	1	0	0	0	—
	Fuka	7.0	− 9.0	2.0	10·23	0	4	4	0	0	0	0	0	—
	Hammam	8.0	− 8.0	7.0	19	0	2	2	1	0	0	0	0	—
	Borg El Arab	0.7	−22.7	0.7	7	0	1	0	0	0	0	0	0	—
	Mex	62.8	+37.8	19.8	6	0	6	6	4	2	0	0	0	—
	Kom El Tarfaia	32.0	− 2.0	13.5	19	0	6	6	3	1	0	0	0	—
	Borollos L.H.	13.7	−22.3	4.1	16	0	7	4	0	0	0	0	0	—
	Damietta L.H.	8.9	−13.1	6.8	20	0	4	2	1	0	0	0	0	—
Lower Egypt	El Sirw	10.0	− 0.8	6.3	20	0	2	2	1	0	0	0	0	—
	Sakha	11.7	− 4.5	3.5	6	0	5	4	0	0	0	0	0	—
	Mansoura	8.1	− 0.2	6.1	19	0	3	2	1	0	0	0	0	—
	Damanhour	27.7	+11.5	7.6	7·19	0	7	7	2	0	0	0	0	—
	Gimmeiza	0.0	− 5.9	0.0	—	0	0	0	0	0	0	0	0	—
	Tanta	6.7	− 0.9	4.2	19	1	4	2	0	0	0	0	0	—
	Tahrir	3.6	—	2.3	20	1	3	2	0	0	0	0	0	—
	Shebin El Kom	3.6	− 2.9	2.8	19	2	3	1	0	0	0	0	0	—
	Zagazig	2.4	− 3.4	1.4	20	1	2	2	0	0	0	0	0	—
	Abu Sueir (A)	4.3	—	2.4	17	1	3	2	0	0	0	0	0	—
	Zaher (A)	3.1	—	1.5	20	0	3	2	0	0	0	0	0	—
	Wadi El Natrun	Trace	—	Trace	19,20,21	3	0	0	0	0	0	0	0	—
	Inshas (A)	2.2	—	1.5	19	0	4	1	0	0	0	0	0	—
	Fayed (A)	Trace	—	Trace	7,17,19	3	0	0	0	0	0	0	0	—
	Kabrit (A)	0.3	—	0.3	19	1	1	0	0	0	0	0	0	—
	Delta Barrage	4.0	+ 2.0	2.0	19	0	3	3	0	0	0	0	0	—
	Tolombat El Boseili	52.5	+26.5	13.1	20	0	7	7	5	2	0	0	0	—
	Kafr El Dawar	43.0	+13.0	16.0	7	0	7	7	3	1	0	0	0	—
	Kafr El Zayat	6.5	− 4.5	6.5	19	0	1	1	1	0	0	0	0	—
	Faqus	2.3	− 4.3	2.3	19	2	1	1	0	0	0	0	0	—
Cairo Area	Cairo (A)	8.2	+ 4.6	5.0	19	0	3	2	1	0	0	0	0	—
	Mostafa Helmi (A)	1.2	—	0.6	20	0	3	0	0	0	0	0	0	—
	Almaza (A)	3.7	+ 0.9	2.7	20	0	4	1	0	0	0	0	0	—
	Abbasiya (H.Q.)	3.0	—	1.9	20	1	3	1	0	0	0	0	0	—
	Imbaba (A)	2.3	—	1.9	20	1	3	1	0	0	0	0	0	—
	Giza	2.5	− 0.7	2.0	20	1	3	1	0	0	0	0	0	—
	Helwan	1.2	− 2.4	0.7	20	1	3	0	0	0	0	0	0	—

Table A 5 (*contd.*)—RAINFALL AND SNOW DEPTH

FEBRUARY 1962

District	Station	Rainfall (millimetres)											Snow depth (centimetres)	
		Total amount	Dev. from normal	Maximum fall in one day		Number of days with amount of rain							Maximum depth	Date
				Amount	Date	< 0.1	≥ 0.1	≥ 1.0	≥ 5.0	≥ 10	≥ 25	≥ 50		
Upper Egypt	Fayoum	Trace	— 1.0	Trace	19,20	2	0	0	0	0	0	0	0	—
	Beni Suef	0.3	— 2.4	0.3	19	0	1	0	0	0	0	0	0	—
	Minya (A)	0.0	— 1.7	0.0	—	0	0	0	0	0	0	0	0	—
	Mallawi	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Asyout Mangabad (A)	0.0	— 0.6	0.0	—	0	0	0	0	0	0	0	0	—
	Nag Hammadi	0.0	— 0.1	0.0	—	0	0	0	0	0	0	0	0	—
	Luxor (A)	0.0	— 0.1	0.0	—	0	0	0	0	0	0	0	0	—
	Kom Ombo	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Aswan (A)	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
Western Desert	Siwa	Trace	— 2.3	Trace	12,19	2	0	0	0	0	0	0	0	—
	Bahariya	0.0	— 1.5	0.0	—	0	0	0	0	0	0	0	0	—
	Farafra	0.0	— 0.6	0.0	—	0	0	0	0	0	0	0	0	—
	Dakhla	0.0	— 0.4	0.0	—	0	0	0	0	0	0	0	0	—
	Kharga	0.0	— 0.3	0.0	—	0	0	0	0	0	0	0	0	—
Red Sea	Suez	Trace	— 3.6	Trace	19,20	2	0	0	0	0	0	0	0	—
	Abu Redes	0.7	—	0.7	21	0	1	0	0	0	0	0	0	—
	Tor	Trace	— 2.0	Trace	20	1	0	0	0	0	0	0	0	—
	Hurghada	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Quseir	0.0	— Tr.	0.0	—	0	0	0	0	0	0	0	0	—
	Abul Kizan	0.0	— 0.6	0.0	—	0	0	0	0	0	0	0	0	—

Table A 6—BRIGHT SUNSHINE, CLOUDINESS, EVAPORATION, BRIGHT & BLACK BULB TEMPERATURES AND GRASS MINIMUM FEBRUARY 1962

District	Station	Duration of bright sunshine (hours)			Mean sky cover (octas)								Mean daily evaporation Piche (millimetres	Mean maximum temp. (°C) of		Mean grass minimum (°C)
		Total actual	Total possible	Percentage %	0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.			Black bulb thermometer	Bright bulb thermometer	
					Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal				
Mediterranean	Sallum	—	—	—	3.1	—	4.7	—	4.3	—	3.6	—	6.8	—	—	9.2
	Sidi Barrani	—	—	—	—	—	5.0	—	4.5	—	3.9	—	6.5	—	—	—
	Mersa Matruh (A)	171.7	309.9	55.4	3.3	—	4.7	—	4.3	—	4.0	—	6.6	—	—	—
	Ras El Hikma	—	—	—	—	—	4.3	—	3.8	—	3.2	—	—	—	—	9.3
	Dabaa	—	—	—	—	—	4.6	—	4.1	—	2.9	—	5.5	—	—	—
	Dekheila (A)	—	—	—	3.3	—	4.4	—	4.4	—	4.0	—	4.9	—	—	—
	Alexandria (A)	191.1	310.5	61.5	4.3	—	5.1	—	4.5	—	4.3	—	3.8	—	—	—
	Balteam	—	—	—	—	—	4.8	—	4.6	—	3.4	—	3.2	—	—	—
	Damietta	—	—	—	—	—	3.6	—	3.7	—	2.5	—	3.0	—	—	—
	Port Said (A)	190.3	310.5	61.3	2.0	—	4.5	—	3.7	—	2.2	—	6.2	—	—	—
	El Arish	—	—	—	3.6	—	5.1	—	4.9	—	4.3	—	4.1	—	—	7.8
	Ghazza	(161.6)	298.4	54.2	4.3	—	4.8	—	5.0	—	3.8	—	5.3	—	—	9.0
Lower Egypt	El Sirw	—	—	—	—	—	2.5	—	2.3	—	0.6	—	3.1	—	—	—
	Sakha	—	—	—	—	—	3.5	—	4.0	—	2.7	—	3.5	—	—	5.5
	Mansoura	—	—	—	—	—	3.1	—	5.1	—	—	—	2.7	—	—	—
	Damanhour	—	—	—	—	—	3.6	—	4.2	—	3.4	—	1.9	—	—	—
	Gimmeiza	162.2	311.1	52.1	—	—	1.9	—	4.6	—	1.3	—	3.3	—	—	—
	Tanta	186.9	310.9	60.1	—	—	3.5	—	4.3	—	3.2	—	3.8	52	31	—
	Tahrir	178.0	311.0	57.2	—	—	3.2	—	4.3	—	2.5	—	5.8	—	—	6.2
	Shebin El Kom	—	—	—	—	—	4.1	—	5.4	—	2.5	—	2.3	—	—	—
	Zagazig	—	—	—	—	—	3.4	—	5.2	—	3.1	—	2.8	—	—	—
	Abu Sueir (A)	—	—	—	4.5	—	5.3	—	5.6	—	4.4	—	7.2	58	—	6.8
	Zaher (A)	—	—	—	—	—	4.1	—	4.5	—	2.8	—	7.1	—	—	—
	Wadi El Natrun	—	—	—	—	—	3.8	—	4.3	—	2.8	—	7.0	—	—	—
	Insinas (A)	—	—	—	2.5	—	3.4	—	4.7	—	2.5	—	9.1	—	—	—
	Fayed (A)	—	—	—	—	—	4.0	—	4.8	—	4.1	—	9.2	—	—	—
	Kabrit (A)	—	—	—	—	—	4.3	—	4.6	—	3.5	—	9.1	—	—	—
	Delta Barrage	—	—	—	—	—	2.3	—	—	—	—	—	2.2	—	—	—
Cairo Area	Cairo (A)	—	—	—	3.1	—	4.3	—	4.5	—	3.4	—	9.5	—	—	—
	Mostafa Helmi (A)	—	—	—	2.3	—	4.3	—	5.1	—	3.5	—	8.3	—	—	—
	Almaza (A)	192.4	311.7	61.7	2.5	—	4.3	—	4.9	—	2.5	—	6.6	—	—	—
	Abbasiya (H.Q.)	179.4	311.7	57.6	2.6	—	4.0	—	4.4	—	3.8	—	4.7	66	34	—
	Imbaba (A)	—	—	—	—	—	4.0	—	4.6	—	4.2	—	5.4	—	—	—
	Giza	181.3	311.7	58.2	—	—	4.1	—	4.6	—	4.0	—	4.8	—	—	4.0
	Helwan	—	—	—	2.2	—	4.4	—	4.6	—	3.8	—	11.2	—	—	—
Upper Egypt	Fayoum	—	—	—	—	—	3.7	—	4.9	—	3.3	—	4.5	—	—	—
	Beni Suef	—	—	—	—	—	2.7	—	3.5	—	1.9	—	3.4	—	—	5.1
	Seds	—	—	—	—	—	—	—	—	—	—	—	3.5	—	—	—
	Minya (A)	—	—	—	0.9	—	2.2	—	3.6	—	1.9	—	4.2	55	31	2.3
	Mallawi	—	—	—	—	—	1.4	—	3.0	—	1.5	—	2.1	—	—	3.2
	Asyout (Margabad) (A)	—	—	—	1.1	—	2.0	—	3.1	—	1.7	—	8.7	—	36	5.9
	Shandaweel	197.9	310.5	63.7	—	—	0.4	—	0.3	—	0.1	—	3.2	—	—	2.1
	Nag Hammadi	—	—	—	—	—	0.5	—	0.8	—	0.5	—	3.8	—	—	—
	Kena	—	—	—	—	—	1.6	—	2.0	—	0.4	—	4.2	—	—	—
	Luxor (A)	—	—	—	1.4	—	2.1	—	2.4	—	2.4	—	5.2	56	35	—
	Kom Ombo	—	—	—	—	—	2.0	—	2.7	—	2.9	—	9.0	—	—	6.2
	Aswan (A)	—	—	—	1.3	—	2.3	—	2.6	—	2.1	—	12.0	—	—	—
Western Desert	Siwa	—	—	—	2.0	—	3.4	—	3.4	—	3.0	—	8.0	65	35	9.3
	Bahariya	—	—	—	1.2	—	3.3	—	3.7	—	3.3	—	6.1	—	—	4.8
	Farafra	—	—	—	0.8	—	3.5	—	3.4	—	1.9	—	10.3	—	—	—
	Dakhla	—	—	—	1.3	—	2.2	—	3.4	—	2.0	—	9.4	—	37	—3.2
	Kharga	—	—	—	0.6	—	2.0	—	3.1	—	1.4	—	6.6	—	—	4.5
Red Sea	Suez	—	—	—	—	—	3.5	—	3.6	—	2.1	—	5.7	—	—	—
	Abu Redes	—	—	—	—	—	3.1	—	3.0	—	2.4	—	7.6	—	—	—
	Tor	—	—	—	3.2	—	3.5	—	3.2	—	3.3	—	7.4	—	—	—
	Hurghada	—	—	—	2.9	—	3.2	—	2.8	—	2.6	—	12.5	—	—	—
	Quseir	—	—	—	1.9	—	3.4	—	3.2	—	2.5	—	11.1	—	—	—
	Abul Kizan	—	—	—	—	—	4.8	—	3.7	—	3.8	—	4.7	—	—	—

FEBRUARY 1962

District	Station	Depth in centimetres	0000 U.T. Mean	0000 U.T. Highest Value	0000 U.T. Highest Date	0000 U.T. Lowest Value	0000 U.T. Lowest Date	0600 U.T. Mean	0600 U.T. Highest Value	0600 U.T. Highest Date	0600 U.T. Lowest Value	0600 U.T. Lowest Date	1200 U.T. Mean	1200 U.T. Highest Value	1200 U.T. Highest Date	1200 U.T. Lowest Value	1200 U.T. Lowest Date	1800 U.T. Mean	1800 U.T. Highest Value	1800 U.T. Highest Date	1800 U.T. Lowest Value	1800 U.T. Lowest Date
MEDITERRANEAN	Sidi Barrani	5	—	—	—	—	—	10.2	14.6	11	6.5	4	17.7	23.8	28	12.2	7	13.7	17.0	25	10.0	7,8,19
		10	—	—	—	—	—	11.3	15.5	11	7.6	4	15.3	19.5	28	12.0	7	14.3	17.5	25,28	11.0	7
		20	—	—	—	—	—	12.9	16.1	11	10.5	10	13.6	16.4	14	11.5	7	14.6	18.0	25	12.0	7,8
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Marsa Matruh (A)	5	11.9	14.7	14	9.0	20	11.1	14.0	14	8.0	4	18.1	24.6	28	12.0	2,17	15.4	20.5	26	11.0	8
		10	13.0	17.0	27	8.8	9	11.9	14.5	14	10.0	4,9,20	16.0	22.2	23	12.2	20	16.0	20.8	23	12.0	6,8
		20	14.6	18.0	27	12.0	9	13.5	16.0	28	11.5	9	14.3	17.1	28	11.7	8	15.6	19.5	26,27,28	12.5	8
		50	15.3	17.1	28	13.7	22	15.2	17.0	28	12.8	20	15.1	16.8	28	13.8	9	15.1	17.5	27	13.8	7,8
		100	16.0	17.8	1,2,3	16.1	17	16.1	17.8	1	16.0	28	16.0	17.8	3	16.0	12	15.9	17.8	12	16.1	18,19
		200	20.6	21.6	13	20.0	9	20.6	21.6	13	19.5	4	20.6	21.9	26	19.2	6	20.5	21.6	10	19.2	3
	Ras El Hekma	5	—	—	—	—	—	12.3	15.5	25	7.4	4	15.8	21.4	26	12.8	20	12.5	15.8	18	10.9	26
		10	—	—	—	—	—	11.6	15.3	14	8.7	4	13.8	18.0	26	12.0	4	13.1	16.5	27	12.7	4
		20	—	—	—	—	—	13.2	—		—	—	14.2	—	—	—	—	14.2	—	—	—	—
		50	—	—	—	—	—	13.9	14.9	28	13.0	7,8,9	13.9	15.0	28	13.1	*	13.9	14.9	28	13.0	7,8
		100	—	—	—	—	—	15.3	16.3	1	15.1	*	15.3	16.2	1	15.1	*	15.3	16.2	1	15.0	11
		200	—	—	—	—	—	18.2	18.7	2	17.9	*	18.3	18.8	1	17.9	26,27,28	18.2	18.7	1,3	17.9	*
	Alexandria (A)	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	15.7	16.8	28	14.9	23	15.7	16.8	28	15.0	6,22,23	15.6	16.7	28	14.7	22	15.6	16.9	27	14.7	22
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	El Arish	5	11.6	16.9	27	6.3	22	10.7	13.2	12	5.8	22	21.2	25.6	16,26	14.0	20	15.3	19.2	20,21	11.1	8
		10	12.8	15.6	28	7.7	22	11.5	15.6	19	6.4	22	18.8	23.8	16	13.1	20	16.1	18.5	26	10.7	21
		20	14.9	17.4	28	11.4	22	13.7	15.8	19	10.0	22	15.7	18.4	24	13.0	21	16.7	19.1	28	13.2	21
		50	16.3	17.8	28	15.2	10	16.3	17.6	17,28	14.2	9	16.0	17.4	28	14.7	22	16.2	17.4	17,28	14.9	22
		100	16.8	17.4	18,21	16.2	8	16.9	17.6	20	16.4	10,12,24	16.8	17.5	17	16.4	*	16.9	17.6	18	16.4	*
		200	18.7	19.0	—	18.4	26,27	18.8	19.0	-	18.3	27	18.8	19.0	*	18.5	28	18.7	19.0	1,3,5	18.5	26,28
	Ghazza	5	12.6	16.2	27	9.0	22	11.4	14.9	20	7.8	23	17.7	22.0	16	10.8	20	14.5	17.6	16	9.8	20
		10	13.3	17.6	20	9.8	22	12.0	17.8	20	8.4	23	16.2	19.5	16	10.9	20	15.3	18.0	16	10.4	20
		20	13.8	18.4	20	10.4	21,22	12.7	18.9	20	9.6	22,23	14.5	17.2	19	11.0	20	15.2	19.5	19	11.0	20
		50	14.9	16.6	17	12.2	23	14.8	16.5	17	12.8	23	14.7	17.0	28	12.5	22	14.6	17.0	27	13.0	19
		100	16.1	17.4	17	14.9	20	16.2	17.4	17	15.1	20	16.3	17.8	28	15.5	*	16.2	17.4	27	14.8	19
		200	18.4	19.2	22	16.2	20	18.5	19.5	17,22	15.7	20	18.7	20.0	26	15.5	2	18.1	20.0	24	15.0	19

* More than 3 days.

Table A 7 (*contd.*) SOIL TEMPERATURES (°C) AT FIXED HOURS
FEBRUARY 1962

District	Station	Depth in centimetres	0000 U.T. Mean	0000 U.T. Highest Value	0000 U.T. Highest Date	0000 U.T. Lowest Value	0000 U.T. Lowest Date	0600 U.T. Mean	0600 U.T. Highest Value	0600 U.T. Highest Date	0600 U.T. Lowest Value	0600 U.T. Lowest Date	1200 U.T. Mean	1200 U.T. Highest Value	1200 U.T. Highest Date	1200 U.T. Lowest Value	1200 U.T. Lowest Date	1800 U.T. Mean	1800 U.T. Highest Value	1800 U.T. Highest Date	1800 U.T. Lowest Value	1800 U.T. Lowest Date
Lower Egypt	Sakha	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	—	—	—	—	—	15.6	16.1	3	15.2	19	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	16.6	17.0	*	16.2	11,12	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Ginameiza	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	15.7	20.0	26,27	11.5	20	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	—	—	—	—	—	17.0	18.0	5,6	15.5	14,15	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Tanta	5	—	—	—	—	—	10.4	13.5	14	8.3	22	15.0	17.7	26,27	11.6	20	14.1	16.6	25	10.7	20
		10	—	—	—	—	—	13.3	15.4	14	11.4	22	15.4	17.8	26,27	13.2	8	15.8	18.1	28	13.4	20
		20	—	—	—	—	—	13.3	14.9	28	12.0	21,22	13.4	15.1	28	12.2	6,22	14.1	16.0	26	12.6	8
		50	—	—	—	—	—	16.5	17.4	28	15.6	9	16.4	17.3	28	15.5	9	16.3	17.3	28	15.5	7
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Tahrir	5	—	—	—	—	—	10.6	14.0	14	7.3	22	21.5	27.2	25, 28	14.4	20	15.0	18.3	25, 28	10.3	20
		10	—	—	—	—	—	11.2	14.3	14	8.0	22	18.9	23.4	28	13.7	20	16.0	19.6	28	11.6	20
		20	—	—	—	—	—	13.1	15.3	26	10.5	22	15.6	18.5	28	13.1	20	16.7	20.1	28	13.1	20
		50	—	—	—	—	—	15.5	17.1	28	14.1	22	15.1	16.6	28	13.7	22	15.4	17.1	28	14.3	7
		100	—	—	—	—	—	16.9	17.4	28	16.4	10	—	—	—	—	—	16.9	17.4	28	16.4	9
		200	—	—	—	—	—	19.4	20.0	1, 2	19.0	26, 27, 28	—	—	—	—	—	19.3	19.9	1, 2	18.9	28
	Delta Barrage	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	17.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	18.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	20.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Table A 7 (*contd.*).—SOIL TEMPERATURE (°C) AT FIXED HOURS

FEBRUARY 19 2

District	Station	Depth in centimetres	0000 U.T. Mean	0000 U.T. Highest Value	0000 U.T. Highest Date	0000 U.T. Lowest Value	0000 U.T. Lowest Date	0600 U.T. Mean	0600 U.T. Highest Value	0600 U.T. Highest Date	0600 U.T. Lowest Value	0600 U.T. Lowest Date	1200 U.T. Mean	1200 U.T. Highest Value	1200 U.T. Highest Date	1200 U.T. Lowest Value	1200 U.T. Lowest Date	1800 U.T. Mean	1800 U.T. Highest Value	1800 U.T. Highest Date	1800 U.T. Lowest Value	1800 U.T. Lowest Date
Cairo Area	Giza	5	—	—	—	—	—	11.7	15.3	26	9.0	2	20.8	25.3	16,25	16.5	3	16.9	20.7	25	14.2	5
		10	—	—	—	—	—	14.1	16.9	26	11.4	22	17.3	19.9	26	15.2	5, 6	17.9	20.6	26	15.2	20
		20	—	—	—	—	—	16.7	18.3	27, 28	15.3	7, 22	16.6	18.2	26,27,28	15.3	7	17.4	19.3	28	16.0	6,7
		50	—	—	—	—	—	18.0	19.0	28	17.2	8	17.9	19.0	28	17.2	7, 8	17.9	18.9	28	17.2	7.8
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Upper Egypt	Seds	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	17.5	17.5	*	17.0	12	17.5	17.6	9	17.0	12	17.4	17.5	*	17.0	12,25
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Minya (A)	5	13.9	17.1	28	12.0	5, 7	11.7	14.5	27,28	10.0	*	17.8	21.0	16, 26	15.0	7,8,9	16.6	19.6	26	13.7	9
		10	16.2	19.2	17	13.0	11	14.8	17.0	26,28	13.0	7	17.3	20.0	26	14.4	7.9	17.2	20.5	25	13.5	9
		20	16.5	19.0	17	14.0	9, 11	16.0	18.0	28	14.6	9	16.5	18.2	28	14.1	9	16.7	18.5	16, 26	14.3	10
		50	17.9	19.0	15,28	17.0	7	17.9	19.0	28	17.0	7, 9	17.8	19.2	27	16.6	11	17.9	19.8	27	16.8	10
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Mallawi	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	14.0	14.2	*	13.8	*	14.0	14.2	*	13.8	*	14.0	14.2	*	13.8	*
		100	—	—	—	—	—	15.9	16.0	*	15.8	*	15.9	16.0	*	15.8	*	15.9	16.0	*	15.8	*
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Shandaweel	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	—	—	—	—	—	17.8	19.5	26, 27	16.7	22	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	18.5	19.2	25	17.7	2	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

* More than 3 days.

Table A 7 (*contd.*). SOIL TEMPERATURE (°C) AT FIXED HOURS

FEBRUARY 1962

District	Station	Depth in centimetres	0000 U.T. Mean	0000 U.T. Highest Value	0000 U.T. Highest Date	0000 U.T. Lowest Value	0000 U.T. Lowest Date	0600 U.T. Mean	0600 U.T. Highest Value	0600 U.T. Highest Date	0600 U.T. Lowest Value	0600 U.T. Lowest Date	1200 U.T. Mean	1200 U.T. Highest Value	1200 U.T. Highest Date	1200 U.T. Lowest Value	1200 U.T. Lowest Date	1800 U.T. Mean	1800 U.T. Highest Value	1800 U.T. Highest Date	1800 U.T. Lowest Value	1800 U.T. Lowest Date
																	28					
Upper Egypt	Kom Ombo	5	—	—	—	—	—	15.6	21.0	2	11.5	21	37.0	43.0	16	29.7	7	22.0	27.0	15, 16	17.1	20
		10	—	—	—	—	—	17.2	21.0	17	12.5	21	26.1	30.0	16	21.0	7	22.8	26.2	16	19.0	21
		20	—	—	—	—	—	20.0	22.5	17	18.5	8, 9	21.5	23.6	28	19.3	9	22.1	28.0	14	20.2	8
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Aswan (A)	5	14.9	21.4	15	8.4	8	13.4	24.1	20	7.9	8	28.4	34.1	2	21.9	20	20.6	27.8	14	13.2	7
		10	18.7	25.4	17	11.7	20	16.2	21.2	27	12.0	21	22.0	26.1	16	18.8	9, 21	23.0	27.8	16	19.2	7
		20	21.0	24.0	16, 17	18.5	22	19.8	22.6	16	17.6	8	19.8	24.5	16	17.6	8	21.5	25.1	16	19.2	9
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Western Desert	Baharia	5	12.2	16.2	27	8.0	5	10.6	19.2	15	6.6	21	10.5	25.7	28	16.2	2, 6	16.5	20.8	25, 28	11.9	4, 6
		10	14.1	18.0	27	11.0	5	12.4	15.0	27	9.4	5, 9, 21	18.0	22.1	28	14.6	6	17.8	22.0	28	12.0	6
		20	16.2	19.4	27	13.6	7	14.5	17.6	27	12.3	7	15.9	19.1	28	13.8	5	17.8	21.4	27	15.0	6
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Farafra	5	12.4	16.4	27	8.0	5	10.3	14.8	27	7.2	5	18.6	—	—	—	—	15.5	20.6	26	11.3	4
		10	13.6	17.8	27	10.1	5	11.7	15.7	27	9.2	9	16.0	—	—	—	—	15.6	20.4	26	11.7	3
		20	15.5	19.2	27	12.9	7	14.2	16.9	27	12.0	5	15.1	—	—	—	—	15.9	20.2	26, 28	12.2	3
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

* More than 3 days.

Table A 8 — FREQUENCY OF OCCURRENCE OF MISCELLANEOUS WEATHER PHENOMENA

FEBRUARY 1962

District	Station	Precipitation				Frost	Thunderstorm	Mist vis. ≥ 1000 metres.	Fog. vis. < 1000 metres	Haze vis. ≥ 1000 metres	Thick haze vis. < 1000 metres.	Dust rising/Sand rising vis. ≥ 1000 metres,	Duststorm / Sandstorm vis. < 1000 metres.	Drifting Snow		Blowing Snow		Gales	Clear Sky	Cloudy Sky
		Rain	Snow	Ice pellets	Hail									Slight/moderate vis. below eye level ≥ 1000 metres	Heavy vis. below eye level < 1000 metres (snow storm)	Slight / moderate vis. below eye level ≥ 1000 metres	Heavy vis. below eye level < 1000 metres (snow storm)			
Mediterranean	Sallum	5	0	0	1	0	2	0	0	0	0	3	0	0	0	0	0	0	8	5
	Sidi Barrani	8	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	2	—	—
	Mersa Matruh (A)	9	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3	6	3
	Ras El Hikma	6	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	—	—
	Dabaa	3	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	—	—
	Dekheila (A)	8	0	0	0	0	1	0	0	0	0	2	0	0	0	0	0	0	4	5
	Alexandria (A)	8	0	0	0	0	4	3	3	0	0	2	0	0	0	0	0	1	4	8
	Balteam	7	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	—	—
	Damietta	5	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	—	—
	Port Said (A)	4	0	0	0	0	0	2	1	0	0	3	1	0	0	0	0	3	8	1
	El Arish	4	0	0	0	0	0	0	1	3	0	8	1	0	0	0	0	0	5	5
	Ghazza	6	0	0	2	0	1	2	1	0	0	5	0	0	0	0	0	3	4	8
Lower Egypt	El Sirw	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sakha	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Mansoura	3	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	—	—
	Damanhour	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gimmeiza	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Tanta	4	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	—	—
	Tahrir	3	0	0	1	0	0	5	2	0	0	7	3	0	0	0	0	0	—	—
	Shebin El Kom	3	0	0	0	0	0	3	1	1	0	4	0	0	0	0	0	0	—	—
	Zagazig	2	0	0	0	0	0	1	0	0	0	—	2	0	0	0	0	0	—	—
	Abu Sueir (A)	3	0	0	1	0	0	5	4	1	0	6	3	0	0	0	0	0	2	7
	Banha	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Zaher (A)	3	0	0	0	0	0	6	1	2	0	6	1	0	0	0	0	1	—	—
	Wadi El Natrun	0	0	0	0	0	0	0	1	0	0	—	0	0	0	0	0	0	—	—
	Inshas (A)	4	0	0	0	0	0	9	1	2	0	9	4	0	0	0	0	0	9	5
	Fayed (A)	0	0	0	0	0	0	1	0	1	0	7	1	0	0	0	0	0	—	—
	Kabrit (A)	1	0	0	0	0	0	2	1	0	0	3	0	0	0	0	0	0	—	—
	Delta Barrage	3	—	—	—	—	0	—	—	—	—	—	—	—	—	—	—	—	—	—
Cairo Area	Cairo (A)	3	0	0	0	0	0	5	1	7	0	9	1	0	0	0	0	1	5	5
	Mostafa Helmi (A)	3	0	0	0	0	0	6	1	0	0	8	2	0	0	0	0	0	5	3
	Almaza (A)	4	0	0	0	0	0	1	1	12	0	6	1	0	0	0	0	0	5	3
	Abbasiya (H.Q.)	3	0	0	0	0	0	3	1	7	0	4	0	0	0	0	0	0	7	3
	Imbaba (A)	3	0	0	0	0	0	2	1	1	0	4	0	0	0	0	0	0	—	—
	Giza	3	0	0	0	0	0	5	2	0	0	4	0	0	0	0	0	0	—	—
	Helwan	3	0	0	0	0	0	5	2	0	0	2	0	0	0	0	0	0	7	3

Table A 8 *(contd.)*. —**FREQUENCY OF OCCURRENCE OF MISCELLANEOUS WEATHER PHENOMENA. FEBRUARY 1962**

District	Station	Precipitation				Frost	Thunderstorm	Mist vis. ≥ 1000 metres.	Fog vis. < 1000 metres.	Haze vis. ≥ 1000 metres.	Thick haze vis. < 1000 metres.	Dust rising / Sand rising vis. ≥ 1000 metres.	Duststorm / Sandstorm vis. < 1000 metres.	Drifting Snow		Blowing Snow		Gales	Clear Sky	Cloudy Sky
		Rain	Snow	Ice pellets	Hail									Slight/moderate vis. below eye level ≥ 1000 metres	Heavy vis. below eye level < 1000 metres (snow storm)	Slight / moderate vis. below eye level ≥ 1000 motrtes	Heavy vis. below eye level < 1000 metres (snow storm)			
Upper Egypt	Fayoum	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	0	0	—	—
	Beni Suef	1	0	0	0	0	0	1	0	1	0	4	0	0	0	0	0	0	—	—
	Minya (A)	0	0	0	0	0	0	5	0	10	0	2	1	0	0	0	0	0	14	0
	Mallawi	0	0	0	0	0	0	0	0	0	0	—	0	0	0	0	0	0	—	—
	Asyout (Mangabad) (A)	0	0	0	0	0	0	0	0	2	1	2	1	0	0	0	0	0	16	0
	Nag Hammadi	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Luxor (A)	0	0	0	0	0	0	0	0	6	0	2	0	0	0	0	0	0	16	2
	Kom Ombo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	—
	Aswan (A)	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	15	0
Western Desert	Siwa	0	0	0	0	0	0	0	0	0	0	10	1	0	0	0	0	0	9	1
	Bahariya	0	0	0	0	0	0	0	0	0	0	4	3	0	0	0	0	2	12	2
	Farafra	0	0	0	0	0	0	0	0	0	0	7	3	0	0	0	0	0	14	1
	Dakhla	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0	0	0	14	0
	Kharga	0	0	0	0	0	0	0	0	2	0	4	1	0	0	0	0	0	16	0
Red Sea	Suez	0	0	0	0	0	0	0	0	0	0	—	0	0	0	0	0	—	—	—
	Abu Redes	1	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	—	—
	Tor	0	0	0	0	0	0	0	0	3	0	4	0	0	0	0	0	0	12	4
	Hurghada	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	0	2	12	4
	Quseir	0	0	0	0	0	0	4	0	9	2	1	0	0	0	0	0	0	12	4
	Abul Kizan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Table A 9.—NUMBER IN HOURS OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION RECORDED WITHIN SPECIFIED RANGES

FEBRUARY 1962

District	Station	Number in hours of calm winds	Number in hours of variable winds	Number in hours of unrecorded winds	Wind speed in knots	Number in hours of occurrences of wind blowing from the ranges of directions indicated												All directions
						345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	
Mediterranean	Sidi Barrani	6	0	75	1–10	9	13	36	20	34	37	38	26	18	6	8	21	266
					11–27	2	0	18	15	5	10	8	43	41	67	63	35	307
					28–47	0	0	0	0	0	0	2	0	0	1	12	3	18
					48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**11**	**13**	54	35	**39**	**47**	**48**	**69**	**59**	**74**	**83**	**59**	**591**
	Mersa Matruh . (A)	0	0	0	1–10	18	22	29	28	37	28	20	17	11	8	11	5	234
					11–27	11	14	7	13	29	27	17	25	92	98	27	43	403
					28–47	1	0	0	0	0	0	0	0	3	12	8	11	35
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**30**	**36**	**36**	**41**	**66**	**55**	**37**	**42**	**106**	**118**	**46**	**59**	**672**
	Dekheila . . . (A)	4	0	0	1–10	55	50	50	46	30	26	22	30	29	5	11	27	381
					11–27	5	16	4	6	4	0	3	21	95	58	65	2	279
					28–47	0	0	0	0	0	0	0	0	0	6	2	0	8
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**60**	**66**	**54**	**52**	**34**	**26**	**25**	**51**	**124**	**69**	**78**	**29**	**668**
	Alexandria . . (A)	6	0	0	1–10	40	64	47	32	40	19	14	39	9	8	7	26	345
					11–27	10	19	5	4	5	1	1	59	62	55	48	29	298
					28–47	0	0	0	0	0	0	0	1	19	1	2	0	23
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**50**	**83**	**52**	**36**	**45**	**20**	**15**	**99**	**90**	64	**57**	**55**	**666**
	Port Said . . . (A)	3	2	0	1–10	56	56	39	32	14	10	8	39	30	19	10	26	339
					11–27	8	16	6	19	9	2	6	27	129	66	14	6	310
					28–47	0	0	0	0	0	0	0	2	9	3	4	0	18
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**64**	**72**	**45**	**51**	**23**	**12**	**14**	**68**	**168**	88	**28**	**34**	**667**
	El Arish	30	30	0	1–10	48	34	16	9	28	91	22	65	79	18	38	37	485
					11–27	0	0	0	0	0	0	0	4	76	44	3	0	127
					28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
					48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**48**	**34**	**16**	**9**	**28**	**91**	**22**	**69**	**155**	**62**	**41**	**37**	**612**
Lower Egypt	Mansoura	7	4	262	1–10	21	14	12	3	5	2	23	45	41	18	10	10	204
					11–27	11	20	2	1	0	2	5	57	57	25	12	3	195
					28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**32**	**34**	**14**	**4**	**5**	**4**	**28**	**102**	**98**	**43**	**22**	**13**	**399**
	Tanta	37	4	0	1–10	41	41	37	33	14	19	67	121	57	34	28	60	552
					11–27	1	1	0	0	0	0	4	41	23	7	2	0	79
					28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**42**	**42**	**37**	**33**	**14**	**19**	**71**	**162**	**80**	**41**	**30**	**69**	**631**
	Abu Sueir . . . (A)	85	3	0	1–10	23	54	45	15	12	13	13	9	78	44	8	22	336
					11–27	3	12	18	1	2	2	0	12	87	73	27	6	241
					28–47	0	0	0	0	0	0	0	0	3	4	0	0	7
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**26**	**66**	**63**	**16**	**12**	**15**	**13**	**21**	**168**	**121**	**35**	**28**	**584**
	Zaher . . . . . (A)	53	0	10	1–10	83	38	30	18	18	17	26	51	102	0	22	25	430
					11—27	5	12	3	0	3	0	5	69	73	0	8	0	178
					28—47	0	0	0	0	0	0	0	1	0	0	0	0	1
					—48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All seeds	**88**	**50**	**33**	**18**	**21**	**17**	**31**	**121**	**175**	0	**30**	**25**	**609**

Table A 9 (*contd.*)—NUMBER IN HOURS OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION RECORDED WITHIN SPECIFIED RANGES

FEBRUARY 1962

District	Station	Number in hours of calm winds	Number in hours of variable winds	Number in hours of unrecorded winds	Wind speed in knots	Number in hours of occurrences of wind blowing from the ranges of directions indicated												All directions
						345/014	015/044	045/074	075/104	105/134	135/164	165/194	195/224	225/254	255/284	285/314	315/344	
Cairo Area	Cairo . . . . . (A)	4	2	0	1–10	38	40	44	28	6	6	45	31	26	43	21	12	340
					11–27	26	39	20	1	10	2	48	60	53	34	19	2	314
					28–47	0	0	0	0	0	0	0	8	3	1	0	0	12
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**64**	**79**	**64**	**29**	**16**	**8**	**93**	**99**	**82**	**78**	**40**	**14**	**666**
	Mostafa Helmi . (A)	2	0	36	1–10	18	60	30	16	7	7	11	35	26	14	21	16	261
					11–27	2	78	46	7	3	2	2	32	72	64	36	19	363
					28–47	0	0	0	0	0	0	0	0	7	3	0	0	10
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**20**	**138**	**76**	**23**	**10**	**9**	**13**	**67**	**105**	**81**	**57**	**35**	**634**
	Almaza . . . . (A)	0	1	0	1–10	15	40	127	31	19	13	34	64	39	51	35	11	479
					11–27	0	9	28	1	2	2	3	34	36	56	18	3	192
					28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**15**	**49**	**155**	**32**	**21**	**15**	**37**	**98**	**75**	**107**	**53**	**14**	**671**
	Abbasiya . . . (H Q)	88	6	0	1–10	76	82	7	6	6	18	103	47	63	37	19	35	499
					11–27	0	7	0	0	0	1	18	26	20	7	0	0	79
					28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**76**	**89**	**7**	**6**	**6**	**19**	**121**	**73**	**83**	**44**	**19**	**35**	**578**
	Giza	59	19	0	1–10	40	106	35	2	0	52	40	46	33	29	31	60	474
					11–27	4	19	5	0	0	12	3	20	22	21	13	1	120
					28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**44**	**125**	**40**	**2**	**0**	**64**	**43**	**66**	**55**	**50**	**44**	**61**	**594**
Upper Egypt	Minya . . . . . (A)	51	19	0	1–10	147	33	4	2	6	63	53	21	29	31	34	61	484
					11–27	30	12	0	0	0	0	0	3	8	21	30	14	118
					28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**177**	**45**	**4**	**2**	**6**	**63**	**53**	**24**	**37**	**52**	**64**	**75**	**602**
	Luxor . . . . . (A)	74	7	1	1–10	73	97	29	31	9	21	25	63	55	27	32	93	555
					11–27	9	5	0	0	0	1	0	2	0	1	0	17	35
					28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**82**	**102**	**29**	**31**	**9**	**22**	**25**	**65**	**55**	**28**	**32**	**110**	**590**
Western Desert	Siwa	44	0	0	1–10	8	3	9	78	42	17	10	10	19	49	75	17	337
					11–27	4	0	0	17	37	15	7	4	17	21	111	56	289
					28–47	0	0	0	0	0	0	0	0	0	0	2	0	2
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**12**	**3**	**9**	**95**	**79**	**32**	**17**	**14**	**36**	**70**	**188**	**73**	**628**
	Dakhla	8	65	0	1–10	15	23	34	36	16	24	14	21	125	1	127	71	507
					11–27	1	0	0	0	1	0	0	0	2	0	61	27	92
					28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**16**	**23**	**34**	**36**	**17**	**24**	**14**	**21**	**127**	**1**	**188**	**98**	**599**
Red Sea	Hurghada	7	0	13	1–10	38	8	4	6	14	14	8	5	6	13	74	50	240
					11–27	94	0	0	0	8	6	1	0	0	1	132	156	398
					28–47	0	0	0	0	0	0	0	0	0	0	1	13	14
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**132**	**8**	**4**	**6**	**22**	**20**	**9**	**5**	**6**	**14**	**207**	**219**	**652**

Table A 10—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

SALLUM — FEBRUARY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	6	0	0	1–10	0	0	0	2	2	0	0	0	1	3	1	0	9
				11–27	0	0	0	0	0	0	1	0	2	8	2	0	13
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**2**	**2**	**0**	**1**	**0**	**3**	**11**	**3**	**0**	**22**
0300	6	0	0	1–10	0	0	0	1	0	0	1	0	0	5	1	0	8
				11–27	0	0	0	0	0	0	0	1	4	8	1	0	14
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**1**	**0**	**0**	**1**	**1**	**4**	**13**	**2**	**0**	**22**
0600	5	0	0	1–10	0	0	0	1	1	1	0	0	1	4	1		9
				11–27	0	0	0	0	0	0	0	0	3	9	2	0	14
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**1**	**1**	**1**	**0**	**0**	**4**	**13**	**3**	**0**	**23**
0900	4	0	0	1–10	1	0	0	2	1	0	2	1	1	3	1	0	12
				11–27	0	0	0	0	0	2	0	0	2	8	0	0	12
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**0**	**2**	**1**	**2**	**2**	**1**	**3**	**11**	**1**	**0**	**24**
1200	0	0	0	1–10	0	2	2	5	1	0	1	0	0	3	0	0	14
				11–27	0	0	0	0	1	0	1	2	1	7	2	0	14
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**2**	**2**	**5**	**2**	**0**	**2**	**2**	**1**	**10**	**2**	**0**	**28**
1500	1	0	0	1–10	0	2	3	1	0	0	0	0	0	1	1	0	8
				11–27	0	1	1	1	1	1	1	1	1	6	2	1	17
				28–47	0	0	0	0	0	0	0	0	0	1	1	0	2
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**3**	**4**	**2**	**1**	**1**	**1**	**1**	**1**	**8**	**4**	**1**	**27**
1800	2	0	0	1–10	0	1	1	2	1	1	0	0	2	1	4	0	13
				11–27	0	1	1	1	1	0	0	0	0	6	3	0	13
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**2**	**2**	**3**	**2**	**1**	**0**	**0**	**2**	**7**	**7**	**0**	**26**
2100	4	0	0	1–10	0	0	0	2	3	1	1	0	0	5	1	0	13
				11–27	0	0	1	0	0	0	0	0	1	9	0	0	11
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				>48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**1**	**2**	**3**	**1**	**1**	**0**	**1**	**14**	**1**	**0**	**24**

Table A 10—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

MERSA MATRUH (A) FEBRUARY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
				1–10	0	1	1	1	0	1	2	0	0	0	0	0	6
				11–27	0	0	0	0	3	1	1	2	6	5	0	0	18
0000	2	0	0	28–47	1	0	0	0	0	0	0	0	0	1	0	0	2
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**1**	**1**	**1**	**3**	**2**	**3**	**2**	**6**	**6**	**0**	**0**	**26**
				1–10	1	0	0	1	2	1	2	2	0	0	0	1	10
				11–27	0	0	0	1	1	0	1	1	6	7	0	1	18
0300	0	0	0	28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**0**	**2**	**3**	**1**	**3**	**3**	**6**	**7**	**0**	**2**	**28**
				1–10	0	1	1	0	1	3	2	2	0	2	0	0	12
				11–27	0	0	0	0	0	0	1	0	7	7	0	1	16
0600	0	0	0	28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**1**	**1**	**0**	**1**	**3**	**3**	**2**	**7**	**9**	**0**	**1**	**28**
				1–10	0	1	0	1	1	0	0	0	1	1	0	0	5
				11–27	2	0	1	2	2	1	1	0	1	5	4	0	19
0900	0	0	0	28–47	1	0	0	0	0	0	0	0	1	2	0	0	4
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**1**	**1**	**3**	**3**	**1**	**1**	**0**	**3**	**8**	**4**	**0**	**28**
				1–10	1	1	1	1	0	0	0	0	0	0	1	2	7
				11–27	1	1	2	1	2	1	1	0	1	2	2	2	16
1200	0	0	0	28–47	0	0	0	0	0	0	0	0	0	3	2	0	5
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**2**	**3**	**2**	**2**	**1**	**1**	**0**	**1**	**5**	**5**	**4**	**28**
				1–10	2	2	1	0	0	0	0	0	6	0	1	0	6
				11–27	2	2	1	1	3	1	0	0	2	1	2	3	18
1500	0	0	0	28–47	0	0	0	0	0	0	0	0	0	1	3	0	4
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**4**	**2**	**1**	**3**	**1**	**0**	**0**	**2**	**2**	**6**	**3**	**28**
				1–10	1	1	3	2	2	0	0	1	1	1	1	0	13
				11–27	1	0	1	0	3	0	0	2	1	5	0	1	14
1800	0	0	0	28–47	0	0	0	0	0	0	0	0	0	0	0	1	1
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**1**	**4**	**2**	**5**	**0**	**0**	**3**	**2**	**6**	**1**	**2**	**28**
				1–10	0	2	2	1	3	1	1	1	0	0	0	0	11
				11–27	0	0	0	0	0	3	0	3	2	6	0	1	15
2100	0	0	0	28–47	0	0	0	0	0	0	0	0	0	1	0	1	2
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**2**	**2**	**1**	**3**	**4**	**1**	**4**	**2**	**7**	**0**	**2**	**28**

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

DEKHEILA (A) — FEBRUARY 1962

Hour (U.T.)	Clam	Vgriable	Not obsrved	Wind speed in knots	Number of cases of occurrences of widd blowing from the ranges of directions indicated												
					345 / 014	015 / 014	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All direction
0000	0	0	0	1—10	3	2	1	3	1	1	2	1	1	1	0	1	17
				11—27	0	1	0	1	0	0	0	0	5	0	3	0	10
				28—47	0	0	0	0	0	0	0	0	0	1	0	0	1
				≥—48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All soeeds	3	3	1	4	1	1	2	1	6	2	3	1	28
0300	1	0	0	1—10	1	1	0	4	1	3	1	2	0	0	1	1	15
				11—27	1	0	0	0	1	0	0	0	5	2	3	0	12
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥—48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	1	0	4	2	3	1	2	5	2	4	1	27
0600	2	0	0	1—10	1	0	2	2	1	3	1	2	1	0	0	1	14
				11—27	1	0	0	0	2	0	0	2	3	2	2	0	12
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥—48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	0	2	2	3	3	1	4	4	2	2	1	26
0900	0	0	0	1—10	2	1	2	2	2	1	0	1	1	0	1	1	14
				11—27	0	0	1	0	0	1	1	1	5	1	3	0	13
				28—47	0	0	0	0	0	0	0	0	0	0	1	0	1
				≥—48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	1	3	2	2	2	1	2	6	1	5	1	28
1200	0	0	0	1—10	3	4	1	0	1	0	0	0	3	1	0	2	15
				11—27	0	0	0	0	0	0	0	0	5	5	3	0	13
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥—48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	3	4	1	0	1	0	0	0	8	6	3	2	28
1500	0	0	0	1—10	3	2	1	1	0	0	0	0	4	2	2	2	17
				11—27	0	3	0	0	0	0	0	0	2	2	4	0	11
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥—48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	3	5	1	1	0	0	0	0	6	4	6	2	28
1800	0	0	0	1—10	3	5	1	3	0	0	0	4	0	0	2	0	18
				11—27	1	1	0	0	0	0	0	0	1	2	4	0	9
				28—47	0	0	0	0	0	0	0	0	0	1	0	0	1
				≥—48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	6	1	3	0	0	0	4	1	3	6	0	28
2100	0	0	0	1—10	1	4	5	2	1	0	2	1	2	0	0	1	19
				11—27	0	0	0	0	0	0	0	0	1	2	4	0	7
				28—47	0	0	0	0	0	0	0	1	0	0	1	0	2
				≥—48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	1	4	5	2	1	0	2	2	3	2	5	1	28

Table A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

ALEXANDRIA (A) — FEBRUARY 1962

Hour (C.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												All directions
					345/014	015/044	045/074	075/104	105/134	135/164	165/194	195/224	225/254	255/284	285/314	315/344	
0000	0	0	0	1-10	2	3	2	2	3	1	0	3	0	0	0	1	17
				11-27	0	0	0	0	0	0	0	3	2	2	3	0	10
				28-47	0	0	0	0	0	0	0	0	0	0	1	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**3**	**2**	**2**	**3**	**1**	**0**	**6**	**2**	**2**	**4**	**1**	**28**
0300	1	0	0	1-10	2	2	1	1	2	3	1	2	0	0	2	0	16
				11-27	0	0	0	0	1	0	0	4	2	1	3	0	11
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**2**	**1**	**1**	**3**	**3**	**1**	**6**	**2**	**1**	**5**	**0**	**27**
0600	3	0	0	1-10	1	2	1	1	1	3	1	4	1	0	0	0	15
				11-27	0	0	0	0	1	0	0	3	1	1	4	0	10
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**2**	**1**	**1**	**2**	**3**	**1**	**7**	**2**	**1**	**4**	**0**	**25**
0900	0	0	0	1-10	3	0	1	2	4	1	0	1	0	0	1	0	13
				11-27	0	1	1	0	0	0	1	4	3	3	2	0	15
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**1**	**2**	**2**	**4**	**1**	**1**	**5**	**3**	**3**	**3**	**0**	**28**
1200	0	0	0	1-10	2	0	0	2	1	0	0	0	0	0	2	1	8
				11-27	4	0	0	0	0	0	0	2	4	4	3	0	17
				28-47	0	0	0	0	0	0	0	0	3	0	0	0	3
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**6**	**0**	**0**	**2**	**1**	**0**	**0**	**2**	**7**	**4**	**5**	**1**	**28**
1500	0	0	0	1-10	3	0	2	0	0	0	0	0	3	1	1	0	10
				11-27	4	1	1	1	0	0	0	1	2	1	3	0	17
				28-47	0	0	0	0	0	0	0	0	1	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**7**	**1**	**3**	**1**	**0**	**0**	**0**	**1**	**6**	**5**	**4**	**0**	**28**
1800	0	0	0	1-10	3	5	2	3	1	0	1	1	0	1	2	0	19
				11-27	0	0	0	0	0	0	0	1	2	3	1	0	7
				28-47	0	0	0	0	0	0	0	0	1	1	0	0	2
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**5**	**2**	**3**	**1**	**0**	**1**	**2**	**3**	**5**	**3**	**0**	**28**
2100	1	0	0	1-10	2	4	2	3	1	0	1	2	1	0	0	0	16
				11-27	0	0	0	1	0	0	0	2	0	4	3	0	10
				28-47	0	0	0	0	0	0	0	0	1		0	0	1
				≥48	0	0	0	0	0	0	0	0	0		0	0	
				All speeds	**2**	**4**	**2**	**4**	**1**	**0**	**1**	**4**	**2**		**3**	**0**	**27**

Table A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

PORT SAID (A) — FEBRUARY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	0	0	0	1-10	2	2	4	0	0	2	1	1	1	0	1	1	15
				11-27	0	0	0	1	1	0	0	1	8	1	0	0	12
				28-47	0	0	0	0	0	0	0	0	1	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**2**	**4**	**1**	**1**	**2**	**1**	**2**	**10**	**1**	**1**	**1**	**28**
0300	0	0	0	1-10	4	2	2	1	2	0	1	2	0	1	0	1	16
				11-27	0	0	0	1	0	0	0	0	7	3	0	0	11
				28-47	0	0	0	0	0	0	0	0	1	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**2**	**2**	**2**	**2**	**0**	**1**	**2**	**8**	**4**	**0**	**1**	**28**
0600	2	0	0	1-10	1	2	1	3	0	1	1	2	2	0	0	0	13
				11-27	1	0	0	0	1	0	0	1	7	2	0	0	12
				28-47	0	0	0	0	0	0	0	0	1	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**2**	**1**	**3**	**1**	**1**	**1**	**3**	**10**	**2**	**0**	**0**	**26**
0900	0	0	0	1-10	3	1	2	3	0	1	1	1	1	1	0	0	14
				11-27	0	1	0	0	0	1	0	1	8	1	1	0	13
				28-47	0	0	0	0	0	0	0	0	0	0	1	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**2**	**2**	**3**	**0**	**2**	**1**	**2**	**9**	**2**	**2**	**0**	**28**
1200	0	0	0	1-10	2	2	3	1	0	0	0	2	2	1	0	1	14
				11-27	1	0	0	0	0	0	1	0	6	2	1	1	12
				28-47	0	0	0	0	0	0	0	0	0	1	1	0	2
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**2**	**3**	**1**	**0**	**0**	**1**	**2**	**8**	**4**	**2**	**2**	**28**
1500	0	0	0	1-10	0	2	2	2	0	0	0	1	2	0	0	3	12
				11-27	3	0	0	1	0	0	0	0	2	6	1	2	15
				28-47	0	0	0	0	0	0	0	0	1	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**2**	**2**	**3**	**0**	**0**	**0**	**1**	**5**	**6**	**1**	**5**	**28**
1800	1	0	0	1-10	2	5	1	1	1	0	0	2	0	1	0	1	14
				11-27	0	0	1	1	0	0	0	2	2	4	2	0	12
				28-47	0	0	0	0	0	0	0	0	1	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**5**	**2**	**2**	**1**	**0**	**0**	**4**	**3**	**5**	**2**	**1**	**27**
2100	0	0	0	1-10	2	3	1	0	2	0	0	2	1	1	1	0	13
				11-27	1	0	2	1	1	0	0	1	6	1	1	0	14
				28-47	0	0	0	0	0	0	0	1	0	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**3**	**3**	**1**	**3**	**0**	**0**	**4**	**7**	**2**	**2**	**0**	**28**

Table A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

EL ARISH — FEBRUARY 1962

Honr (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	5	0	0	1-10	1	1	1	0	2	4	0	7	5	0	0	0	21
				11-27	0	0	0	0	0	0	0	0	1	1	0	0	2
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**1**	**1**	**0**	**2**	4	**0**	**7**	**6**	**1**	**0**	**0**	**23**
0300	3	0	0	1-10	1	0	0	0	2	7	2	6	3	0	0	0	21
				11-27	0	0	0	0	0	0	0	1	2	1	0	0	4
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**0**	**0**	**2**	**7**	**2**	**7**	**5**	**1**	**0**	**0**	**25**
0600	1	0	0	1-10	1	0	0	0	4	5	4	6	3	0	0	0	23
				11-27	0	0	0	0	0	0	0	1	2	1	0	0	4
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**0**	**0**	**4**	**5**	**4**	**7**	**5**	**1**	**0**	**0**	**27**
0900	0	0	0	1-10	0	2	0	0	1	2	3	1	3	2	2	4	20
				11-27	0	0	0	0	0	0	0	2	2	4	0	0	8
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**2**	**0**	**0**	**1**	**2**	**3**	**3**	**5**	6	**2**	**4**	**28**
1200	0	0	0	1-10	8	2	0	0	1	0	0	1	0	4	1	2	19
				11-27	0	0	0	0	0	0	0	1	0	5	2	1	9
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**8**	**2**	**0**	**0**	**1**	**0**	**0**	**2**	**0**	**9**	**3**	**3**	**28**
1500	1	0	0	1-10	4	3	2	0	0	1	0	0	2	1	**5**	3	21
				11-27	0	0	0	0	0	0	0	0	1	3	2	0	6
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**3**	**2**	**0**	**0**	**1**	**0**	**0**	3	**4**	**7**	**3**	**27**
1800	4	0	0	1-10	1	2	3	2	0	1	1	4	1	4	2	1	22
				11-27	0	0	0	0	0	0	0	0	0	2	0	0	2
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**2**	**3**	**2**	**0**	**1**	**1**	**4**	**1**	**6**	**2**	**1**	**24**
2100	2	0	0	1-10	1	1	0	1	3	2	3	5	5	2	0	1	24
				11-27	0	0	0	0	0	0	0	0	1	1	0	0	2
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**1**	**0**	**1**	**3**	**2**	**3**	**5**	**6**	**3**	**0**	**1**	**26**

Table A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

GHAZZA — FEBRUARY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	0	0	1	1–10	0	0	0	2	3	4	5	0	1	1	0	0	16
				11–27	0	0	0	0	0	0	4	2	0	3	1	0	10
				28–47	0	0	0	0	0	0	0	0	0	1	0	0	1
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**2**	**3**	**4**	**9**	**2**	**1**	**5**	**1**	**0**	**27**
0300	0	0	0	1–10	0	0	0	2	2	7	8	0	0	0	0	1	20
				11–27	0	0	0	0	0	0	4	1	0	0	0	2	7
				28–47	0	0	0	0	0	0	0	0	0	1	0	0	1
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	0	**0**	**2**	**2**	**7**	**12**	**1**	**0**	**1**	**0**	**3**	**28**
0600	0	0	0	1–10	0	0	0	0	3	8	10	0	0	0	0	0	21
				11–27	1	0	0	0	0	1	2	1	0	0	0	0	5
				28–47	0	0	0	0	0	0	0	1	0	1	0	0	2
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**0**	**0**	**3**	**9**	**12**	**2**	**0**	**1**	**0**	**0**	**28**
0900	0	0	2	1–10	2	0	0	0	0	3	3	5	2	4	1	1	21
				11–27	0	0	0	0	0	0	0	3	1	1	0	0	5
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**0**	**0**	**0**	**0**	**3**	**3**	**8**	**3**	**5**	**1**	**1**	**26**
1200	0	0	0	1–10	3	0	0	0	0	0	0	1	3	4	2	7	20
				11–27	0	0	0	0	0	0	0	0	5	1	0	0	6
				28–47	0	0	0	0	0	0	0	0	0	0	2	0	2
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**8**	**5**	**4**	**7**	**28**
1500	1	0	0	1–10	6	1	0	0	1	1	0	2	1	1	1	4	18
				11–27	1	0	0	0	0	0	0	0	3	5	0	0	9
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**7**	**1**	**0**	**0**	**1**	**1**	**0**	**2**	[illegible]	**6**	**1**	**4**	**27**
1800	0	0	0	1–10	4	0	1	5	1	4	1	[illegible]	0	1	1	0	19
				11–27	0	0	0	0	0	0	0		0	1	1	0	4
				28–47	0	0	0	0	0	0	0	0	1	3	1	0	5
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**0**	**1**	**5**	**1**	**4**	**1**	**3**	**1**	**5**	**3**	**0**	**28**
2100	0	0	0	1–10	0	0	1	3	6	2	4	1	0	0	1	0	18
				11–27	0	0	0	0	0	0	0	1	1	5	0	0	7
				28–47	0	0	0	0	0	0	0	0	1	2	0	0	3
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**1**	**3**	**6**	**2**	**4**	**2**	**2**	**7**	**1**	**0**	**28**

Table A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

ABU SUEIR (A) — FEBRUARY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
				1-10	1	1	1	0	1	1	0	1	6	1	0	1	14
				11-27	0	0	0	0	0	0	0	1	2	1	0	0	4
0000	10	0	0	28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**1**	**1**	**0**	**1**	**1**	**0**	**2**	**8**	**2**	**0**	**1**	**18**
				1-10	1	0	1	1	0	1	0	1	5	2	0	0	12
				11-27	0	0	0	0	0	0	0	1	5	1	0	0	7
0300	9	0	0	28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**1**	**1**	**0**	**1**	**0**	**2**	**10**	**3**	**0**	**0**	**19**
				1-10	0	0	1	1	1	1	0	0	2	2	0	0	8
				11-27	0	0	0	0	0	0	0	3	6	1	0	0	10
0600	10	0	0	28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**1**	**1**	**1**	**1**	**0**	**3**	**8**	**3**	**0**	**0**	**18**
				1-10	2	0	3	1	0	0	0	0	2	2	0	0	10
				11-27	0	1	0	0	0	1	0	0	7	4	1	0	14
0900	3	1	0	28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**1**	**3**	**1**	**0**	**1**	**0**	**0**	9	6	**1**	**0**	**24**
				1-10	1	1	1	1	0	0	0	0	2	0	2	2	10
				11-27	0	1	2	0	0	0	0	0	5	3	0	2	13
1200	3	0	0	28-47	0	0	0	0	0	0	0	0	1	1	0	0	2
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**2**	**3**	**1**	**0**	**0**	**0**	**0**	**8**	**4**	**2**	**4**	**25**
				1-10	1	1	1	0	0	0	0	0	1	1	1	3	9
				11-27	1	4	1	0	0	0	0	1	1	3	5	0	16
1500	1	0	0	28-47	0	0	0	0	0	0	0	0	1	1	0	0	2
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**5**	**2**	**0**	**0**	**0**	**0**	**1**	**3**	**5**	**6**	**3**	**27**
				1-10	1	6	4	0	0	0	0	1	6	3	0	0	21
				11-27	0	0	1	0	0	0	0	0	2	0	1	0	4
1800	3	0	0	28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	**0**	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**6**	**5**	**0**	**0**	**0**	**0**	**1**	**8**	**3**	**1**	**0**	**25**
				1-10	1	2	2	1	0	1	0	3	3	4	0	0	17
				11-27	0	0	0	0	0	0	0	1	2	1	0	0	4
2100	7	0	0	28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**2**	**2**	**1**	**0**	**1**	**0**	**4**	**5**	**5**	**0**	**0**	**21**

Table A 10. — NUMBER OF OCCURRENCES OF CONCURRENT SURFCAE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

CAIRO (A) — FEBRUARY 1962

Hour (U.T.)	calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	0	0	0	1-10	0	2	3	4	1	1	1	3	3	1	0	1	20
				11-27	0	0	0	0	1	0	4	1	2	0	0	0	8
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**2**	**3**	**4**	**2**	**1**	**5**	**4**	**5**	**1**	**0**	**1**	**28**
0300	1	0	0	1-10	1	2	2	3	0	1	2	2	3	1	0	0	17
				11-27	0	0	0	0	1	0	4	3	2	0	0	0	10
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**2**	**2**	**3**	**1**	**1**	**6**	**5**	**5**	**1**	**0**	**0**	**27**
0600	2	0	0	1-10	0	2	3	1	0	0	3	0	2	1	1	0	13
				11-27	0	0	0	1	0	1	6	3	2	0	0	0	13
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**2**	**3**	**2**	**0**	**1**	**9**	**3**	**4**	**1**	**1**	**0**	**26**
0900	3	0	0	1-10	1	4	2	0	0	0	2	0	0	1	0	0	10
				11-27	0	0	2	0	0	0	1	6	3	1	1	0	14
				28-47	0	0	0	0	0	0	1	0	0	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**4**	**4**	**0**	**0**	**0**	**4**	**6**	**3**	**2**	**1**	**0**	**25**
1200	1	0	0	1-10	2	3	0	0	0	0	1	1	1	1	2	1	12
				11-27	1	2	1	0	0	0	1	2	3	2	2	0	14
				28-47	0	0	0	0	0	0	0	1	0	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**5**	**1**	**0**	**0**	**0**	**2**	**4**	**4**	**3**	**4**	**1**	**27**
1500	0	0	0	1-10	1	2	0	0	0	0	1	2	0	2	3	2	13
				11-27	4	2	1	0	0	0	0	1	2	3	1	0	14
				28-47	0	0	0	0	0	0	0	1	0	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**5**	**4**	**1**	**0**	**0**	**0**	**1**	**4**	**2**	**5**	**4**	**2**	**28**
1800	0	0	0	1-10	4	1	1	1	0	0	2	0	3	3	1	1	18
				11-27	1	3	1	0	0	0	0	4	0	1	0	0	10
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**5**	**4**	**2**	**1**	**0**	**1**	**2**	**4**	**3**	**4**	**1**	**1**	**28**
2100	0	0	0	1-10	0	5	3	4	0	2	1	1	2	2	1	0	21
				11-27	0	0	1	0	0	0	1	3	1	1	0	0	7
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**5**	**4**	**4**	**0**	**2**	**2**	**4**	**3**	**3**	**1**	**0**	**28**

Table A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

MOSTAFA HELMI (A). — FEBRUARY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of Wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	0	0	0	1-10	2	4	3	0	2	0	2	2	2	0	1	0	18
				11-27	0	1	0	0	0	0	1	1	3	4	0	0	10
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**5**	**3**	**0**	**2**	**0**	**3**	**3**	**5**	**4**	**1**	**0**	**28**
0300	0	0	0	1-10	2	3	1	0	2	1	1	2	1	1	0	0	14
				11-27	1	2	1	0	0	0	0	3	2	4	1	0	14
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**5**	**2**	**0**	**2**	**1**	**1**	**5**	**3**	**5**	**1**	**0**	**28**
0600	0	0	0	1-10	2	2	1	1	1	2	1	4	1	1	0	0	16
				11-27	1	1	0	1	0	1	0	1	2	5	0	0	12
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**3**	**1**	**2**	**1**	**3**	**1**	**5**	**3**	**6**	**0**	**0**	**28**
0900	0	0	0	1-10	0	1	1	1	1	0	0	0	1	0	1	0	6
				11-27	0	4	2	1	0	0	1	2	5	3	3	1	22
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**5**	**3**	**2**	**1**	**0**	**1**	**2**	**6**	**3**	**4**	**1**	**28**
1200	1	0	0	1-10	0	1	1	1	0	0	0	0	1	3	0	0	7
				11-27	0	5	2	0	0	0	1	0	1	4	5	0	18
				28-47	0	0	0	0	0	0	0	0	1	1	0	0	2
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**6**	**3**	**1**	**0**	**0**	**1**	**0**	**3**	**8**	**5**	**0**	**27**
1500	0	0	0	1-10	0	1	1	0	0	0	0	1	1	1	1	0	6
				11-27	2	7	2	0	0	0	0	0	1	3	6	0	21
				28-47	0	0	0	0	0	0	0	0	0	1	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**8**	**3**	**0**	**0**	**0**	**0**	**1**	**2**	**5**	**7**	**0**	**28**
1800	0	0	0	1—10	0	1	0	1	1	1	1	1	1	0	2	1	10
				11-27	0	8	2	0	0	0	0	2	0	4	2	0	18
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**9**	**2**	**1**	**1**	**1**	**1**	**3**	**1**	**4**	**4**	**1**	**28**
2100	0	0	0	1-10	0	3	1	1	0	2	1	1	3	1	3	0	16
				11-27	0	4	2	1	0	0	0	2	0	1	2	0	12
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**7**	**3**	**2**	**0**	**2**	**1**	**3**	**3**	**2**	**5**	**0**	**28**

Table A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS ABBASIYA (H.Q) — FEBRUARY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All direction
0000	11	0	0	1-10	1	0	2	0	0	0	4	1	5	0	0	2	15
				11-27	0	0	0	0	0	0	1	1	0	0	0	0	2
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**2**	**0**	**0**	**0**	**5**	**2**	**5**	**0**	**0**	**2**	**17**
0300	12	0	0	1-10	2	0	0	1	0	0	7	3	2	0	0	0	15
				11-27	0	0	0	0	0	0	0	0	1	0	0	0	1
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**0**	**0**	**1**	**0**	**0**	**7**	**3**	**3**	**0**	**0**	**0**	**16**
0600	8	0	0	1-10	1	3	0	0	0	2	6	3	2	0	1	0	18
				11-27	0	0	0	0	0	0	0	1	1	0	0	0	2
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**3**	**0**	**0**	**0**	**2**	**6**	**4**	**3**	**0**	**1**	**0**	**20**
0900	0	0	0	1-10	1	4	0	0	0	1	5	2	2	1	0	5	21
				11-27	0	1	0	0	0	0	3	1	2	0	0	0	7
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**5**	**0**	**0**	**0**	**1**	**8**	**3**	**4**	**1**	**0**	**5**	**28**
1200	0	0	0	1-10	2	4	0	0	0	1	1	1	2	2	1	3	17
				11-27	1	1	0	0	0	1	1	3	3	1	0	0	11
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**5**	**0**	**0**	**0**	**2**	**2**	**4**	**5**	**3**	**1**	**3**	**28**
1500	2	0	0	1-10	5	0	0	0	0	0	1	0	2	5	0	5	18
				11-27	2	0	0	0	0	0	0	2	2	0	1	1	8
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**7**	**0**	**0**	**0**	**0**	**0**	**1**	**2**	**4**	**5**	**1**	**6**	**26**
1800	4	0	0	1-10	6	5	0	0	1	0	2	2	2	3	0	0	21
				11-27	0	0	0	0	0	0	0	1	1	1	0	0	3
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**6**	**5**	**0**	**0**	**1**	**0**	**2**	**3**	**3**	**4**	**0**	**0**	**24**
2100	7	0	0	1-10	2	6	0	1	0	0	2	3	3	1	0	1	19
				11-27	0	0	0	0	0	0	1	1	0	0	0	0	2
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**6**	**0**	**1**	**0**	**0**	**3**	**4**	**3**	**1**	**0**	**1**	**21**

Table A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS ALMAZA (A) — FEBRUARY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	1	0	0	1-10	0	1	4	3	1	2	1	5	1	1	2	1	22
				11-27	0	0	0	0	1	0	0	0	2	2	0	0	5
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**1**	**4**	**3**	**2**	**2**	**1**	**5**	**3**	**3**	**2**	**1**	**27**
0300	1	0	0	1-10	0	1	5	2	2	1	3	2	4	2	0	0	22
				11-27	0	0	0	0	0	0	0	1	1	2	1	0	5
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**1**	**5**	**2**	**2**	**1**	**3**	**3**	**5**	**4**	**1**	**0**	**27**
0600	2	0	0	1-10	1	2	3	0	0	0	3	3	4	1	0	0	17
				11-27	0	0	0	1	0	2	0	0	4	1	1	0	9
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**2**	**3**	**1**	**0**	**2**	**3**	**3**	**8**	**2**	**1**	**0**	**26**
0900	0	0	0	1-10	2	1	3	2	0	0	0	3	2	0	3	0	16
				11-27	0	0	2	0	0	0	0	0	4	4	1	0	11
				28-47	0	0	0	0	0	0	0	1	0	0	0	0	1
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**1**	**5**	**2**	**0**	**0**	**0**	**4**	**6**	**4**	**4**	**0**	**28**
1200	0	0	0	1-10	2	2	2	0	0	0	0	0	2	3	2	0	13
				11-27	0	2	3	0	0	0	0	1	3	2	2	1	14
				28-47	0	0	0	0	0	0	0	0	1	0	0	0	1
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**4**	**5**	**0**	**0**	**0**	**0**	**1**	**6**	**5**	**4**	**1**	**28**
1500	0	0	0	1-10	2	3	2	0	0	0	0	1	2	0	3	2	15
				11-27	0	2	4	0	0	0	0	0	2	3	1	1	13
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**5**	**6**	**0**	**0**	**0**	**0**	**1**	**4**	**3**	**4**	**3**	**28**
1800	0	0	0	1-10	2	0	4	2	1	0	1	2	1	3	4	0	20
				11-27	0	0	5	0	0	0	0	0	2	1	0	0	8
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**0**	**9**	**2**	**1**	**0**	**1**	**2**	**3**	**4**	**4**	**0**	**28**
2100	1	0	0	1-10	1	0	8	2	2	0	2	2	2	3	1	0	23
				11-27	0	0	0	0	0	0	0	0	2	2	0	0	4
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**8**	**2**	**2**	**0**	**2**	**2**	**4**	**5**	**1**	**0**	**27**

Table A 10—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

HELWAN — FEBRUARY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												All directions
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	
0000	5	0	0	1–10	2	1	2	3	1	3	0	0	0	2	0	0	14
				11–27	0	4	2	0	0	0	0	0	2	1	0	0	9
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**5**	**4**	**3**	**1**	**3**	**0**	**0**	**2**	**3**	**0**	**0**	**23**
0300	6	0	0	1–10	0	2	4	2	1	3	1	0	1	1	2	1	18
				11–27	0	2	0	0	0	0	1	0	0	1	0	0	4
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**4**	**4**	**2**	**1**	**3**	**2**	**0**	**1**	**2**	**2**	[illegible]	**22**
0600	8	0	0	1–10	1	2	5	2	1	2	1	0	0	3	0	0	17
				11–27	0	2	0	0	0	0	0	1	0	0	0	0	3
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**4**	**5**	**2**	**1**	**2**	**1**	**1**	**0**	**3**	**0**	**0**	**20**
0900	8	0	0	1–10	0	0	0	1	0	3	0	0	0	1	0	1	6
				11–27	0	6	0	0	0	0	3	2	1	1	1	0	14
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**6**	**0**	**1**	**0**	[illegible]	**3**	**2**	**1**	**2**	**1**	**1**	**20**
[illegible]	2	0	0	1–10	3	0	1	1	0	0	1	2	2	2	0	1	13
				11–27	1	3	0	0	0	0	1	2	2	3	0	1	13
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**3**	**1**	**1**	**0**	**0**	**2**	**4**	**4**	**5**	**0**	**2**	[illegible]
1500	4	0	0	1–10	3	1	0	0	0	0	1	0	1	1	1	1	9
				11–27	2	2	1	0	1	1	1	1	2	3	0	1	15
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**5**	**3**	**1**	**0**	**1**	**1**	**2**	**1**	**3**	**4**	**1**	**2**	**24**
1800	9	0	0	1–10	1	1	1	1	0	0	0	0	3	2	0	1	10
				11–27	0	4	0	0	0	0	1	0	2	1	0	1	9
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**5**	**1**	**1**	**0**	**0**	**1**	**0**	**5**	**3**	**0**	**2**	**19**
2100	8	0	0	1–10	3	2	2	1	0	0	0	0	0	0	0	2	10
				11–27	3	3	0	0	0	0	0	2	1	1	0	0	10
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**6**	**5**	**2**	**1**	**0**	**0**	**0**	**2**	**1**	**1**	**0**	**2**	**20**

Table A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

MINYA (A)—FEBRUARY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	8	0	0	1–10	7	1	0	0	0	4	1	0	0	1	1	3	18
				11–27	0	0	0	0	0	0	0	0	0	0	1	1	2
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**7**	**1**	**0**	**0**	**0**	**4**	**1**	**0**	**0**	**1**	**2**	**4**	**20**
0300	4	0	0	1–10	9	1	0	0	0	3	6	0	2	0	1	1	23
				11–27	0	0	0	0	0	0	0	0	0	0	0	1	1
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**9**	**1**	**0**	**0**	**0**	**3**	**6**	**0**	**2**	**0**	**1**	**2**	**24**
0600	1	0	0	1–10	6	1	0	1	0	5	5	1	2	2	1	1	25
				11–27	0	0	0	0	0	0	0	0	0	0	1	1	2
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**6**	**1**	**0**	**1**	**0**	**5**	**5**	**1**	**2**	**2**	**2**	**2**	**27**
0900	0	0	0	1–10	5	2	0	0	0	3	1	3	2	1	1	3	21
				11–27	0	1	0	1	0	0	0	0	0	2	2	1	7
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**5**	**3**	**0**	**1**	**0**	**3**	**1**	**3**	**2**	**3**	**3**	**4**	**28**
1200	0	0	0	1–10	7	0	1	0	0	0	1	2	1	2	0	4	18
				11–27	2	0	0	0	0	0	0	0	3	3	1	1	10
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**9**	**0**	**1**	**0**	**0**	**0**	**1**	**2**	**4**	**5**	**1**	**5**	**28**
1500	2	0	0	1–10	7	1	0	0	0	2	0	0	0	3	2	1	16
				11–27	4	0	0	0	0	0	0	0	1	0	3	2	10
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**11**	**1**	**0**	**0**	**0**	**2**	**0**	**0**	**1**	**3**	**5**	**3**	**26**
1800	3	0	0	1–10	11	2	0	0	0	1	2	1	0	1	5	2	25
				11–27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**11**	**2**	**0**	**0**	**0**	**1**	**2**	**1**	**0**	**1**	**5**	**2**	**25**
2100	6	0	0	1–10	10	2	0	0	0	1	2	0	1	1	2	1	20
				11–27	0	0	0	1	0	0	0	0	0	0	0	1	2
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**10**	**2**	**0**	**1**	**0**	**1**	**2**	**0**	**1**	**1**	**2**	**2**	**22**

Table A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

ASYOUT (A) — FEBRUARY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	11	0	0	1–10	0	0	0	0	0	0	2	0	3	8	2	1	16
				11–27	0	0	0	0	0	0	0	0	0	1	0	0	1
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**0**	**3**	**9**	**2**	**1**	**17**
0300	15	0	0	1–10	0	0	0	0	0	0	0	1	3	6	2	1	13
				11–27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**3**	**6**	**2**	**1**	**13**
0600	16	0	0	1–10	0	0	0	0	1	0	0	0	2	7	2	0	12
				11–27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**2**	**7**	**2**	**0**	**12**
0900	9	0	0	1–10	1	1	0	0	1	1	0	0	0	2	3	5	14
				11–27	0	0	0	0	0	0	0	0	0	0	2	3	5
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**1**	**0**	**0**	**1**	**1**	**0**	**0**	**0**	**2**	**5**	**8**	**19**
1200	4	0	0	1–10	3	1	0	0	0	0	1	0	1	2	3	7	18
				11–27	0	0	0	0	0	0	0	0	1	1	2	2	6
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**1**	**0**	**0**	**0**	**0**	**1**	**0**	**2**	**3**	**5**	**9**	**24**
1500	3	0	0	1–10	5	0	1	0	0	0	0	0	0	3	7	4	20
				11–27	0	0	0	0	0	0	0	0	0	1	1	3	5
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**5**	**0**	**1**	**0**	**0**	**0**	**0**	0	**0**	**4**	**8**	**7**	**25**
1800	4	0	0	1–10	0	0	0	0	0	0	0	2	3	11	5	1	22
				11–27	0	0	0	0	0	0	0	0	0	1	1	0	2
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**3**	**12**	**6**	**1**	**24**
2100	10	0	0	1–10	0	0	0	0	0	0	0	0	4	11	2	0	17
				11–27	0	0	0	0	0	0	0	0	1	0	0	0	1
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**5**	**11**	**2**	**0**	**18**

Table A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OVSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

LUXOR (A) — FEBRUARY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	8	0	0	1-10	1	2	0	2	0	2	3	1	3	3	2	1	20
				11-27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**2**	**0**	**2**	**0**	**2**	**3**	**1**	**3**	**3**	**2**	**1**	**20**
0300	13	0	0	1-10	0	0	1	4	1	0	1	3	3	0	0	1	14
				11-27	0	0	0	0	0	0	0	0	0	0	0	1	1
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**1**	**4**	**1**	**0**	**1**	**3**	**3**	**0**	**0**	**2**	**15**
0600	15	0	0	1-10	1	0	2	0	1	1	0	2	3	0	1	1	12
				11-27	0	0	0	0	0	0	0	0	0	0	0	1	1
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**2**	**0**	**1**	**1**	**0**	**2**	**3**	**0**	**1**	**2**	**13**
0900	3	0	0	1-10	2	1	4	1	0	1	0	0	1	0	0	4	22
				11-27	1	9	0	0	0	0	0	0	0	0	0	1	3
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**10**	**4**	**1**	**0**	**1**	**0**	**0**	**1**	**0**	**0**	**5**	**25**
1200	1	0	0	1-10	7	4	3	0	0	0	0	0	0	0	2	8	24
				11-27	0	1	0	0	0	0	0	0	0	0	1	1	3
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**7**	**5**	**3**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**3**	**9**	**27**
1500	5	0	0	1-10	6	7	1	0	0	0	0	1	0	0	0	5	20
				11-27	1	0	0	0	0	0	0	0	0	0	0	2	3
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**7**	**7**	**1**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**7**	**23**
1800	13	0	0	1-10	3	1	1	0	0	0	0	0	1	0	3	6	15
				11-27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**1**	**1**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**3**	**6**	**15**
2100	9	0	0	1-10	4	1	0	0	1	1	2	2	6	0	0	2	19
				11-27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**1**	**0**	**0**	**1**	**1**	**2**	**2**	**6**	**0**	**0**	**2**	**19**

Table A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

ASWAN (A) — FEBRUARY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	5	0	0	1–10	14	1	0	0	0	0	0	0	0	0	1	3	19
				11–27	4	0	0	0	0	0	0	0	0	0	0	0	4
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	18	1	0	0	0	0	0	0	0	0	1	3	23
0300	8	0	0	1–10	18	0	0	0	0	0	0	0	0	0	0	0	18
				11–27	1	0	0	0	0	0	0	0	0	0	1	0	2
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	19	0	0	0	0	0	0	0	0	0	1	0	20
0600	5	0	0	1–10	17	0	0	0	0	0	0	0	0	0	1	0	18
				11–27	5	0	0	0	0	0	0	0	0	0	0	0	5
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	22	0	0	0	0	0	0	0	0	0	1	0	23
0900	2	0	0	1–10	11	0	0	0	0	0	1	0	0	0	0	0	12
				11–27	11	2	0	0	0	0	0	0	0	0	0	1	14
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	22	2	0	0	0	0	1	0	0	0	0	1	26
1200	2	0	0	1–10	11	1	0	0	0	0	0	1	0	0	1	1	15
				11–27	8	0	0	0	0	0	0	0	0	1	0	2	11
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	19	1	0	0	0	0	0	1	0	1	1	3	26
1500	0	0	0	1–10	15	0	1	0	0	0	0	1	0	1	0	0	18
				11–27	7	0	0	0	0	0	0	0	0	0	2	1	10
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	22	0	1	0	0	0	0	1	0	1	2	1	28
1800	4	0	0	1–10	11	1	1	0	0	0	0	0	0	0	0	1	14
				11–27	9	0	0	0	0	0	0	0	0	0	0	1	10
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	20	1	1	0	0	0	0	0	0	0	0	2	24
2100	2	0	0	1–10	15	2	0	0	0	0	0	0	0	1	1	1	20
				11–27	6	0	0	0	0	0	0	0	0	0	0	0	6
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	21	2	0	0	0	0	0	0	0	1	1	1	26

Table A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS SIWA — FEBRUARY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	1	0	0	1–10	1	0	1	8	0	0	0	0	1	3	5	3	22
				11–27	0	0	0	1	1	0	0	0	0	1	0	2	5
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**1**	**9**	**1**	**0**	**0**	**0**	**1**	**4**	**5**	**5**	**27**
0300	7	0	0	1–10	0	0	2	2	2	1	0	0	0	5	3	2	17
				11–27	0	0	0	0	0	0	0	0	0	1	0	2	3
				28–47	0	0	0	0	0	0	0	0	0	0	1	0	1
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**2**	**2**	**2**	**1**	**0**	**0**	**0**	**6**	**4**	**4**	**21**
0600	6	0	0	1–10	0	0	1	2	4	0	0	0	2	5	2	0	16
				11–27	0	0	0	0	0	0	0	0	1	0	2	2	5
				28–47	0	0	0	0	0	0	0	0	0	0	1	0	1
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**1**	**2**	**4**	**0**	**0**	**0**	**3**	**5**	**5**	**2**	**22**
0900	1	0	0	1–10	0	0	0	0	2	2	0	2	0	1	2	2	11
				11–27	1	0	0	0	3	2	0	0	0	1	5	4	16
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**0**	**0**	**5**	**4**	**0**	**2**	**0**	**2**	**7**	**6**	**27**
1200	0	0	0	1–10	1	0	1	0	0	2	1	1	0	0	0	2	8
				11–27	1	0	0	1	1	4	0	0	1	1	7	4	20
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**0**	**1**	**1**	1	**6**	**1**	**1**	**1**	**1**	**7**	**6**	**28**
1500	0	0	0	1–10	2	0	1	0	3	1	0	0	0	1	1	0	9
				11–27	2	0	0	1	1	3	0	0	2	1	5	4	19
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				Al speeds	4	**0**	**1**	**1**	**4**	**4**	**0**	**0**	**2**	**2**	**6**	**4**	28
1800	2	0	0	1–10	1	0	1	6	1	0	1	0	2	4	6	0	22
				11–27	2	0	0	1	0	0	0	0	0	0	0	1	4
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**0**	**1**	**7**	**1**	**0**	**1**	**0**	**2**	**4**	**6**	**1**	**26**
2100	2	0	0	1–10	2	1	1	7	1	1	0	0	2	3	2	2	22
				11–27	1	0	0	0	0	0	0	0	0	0	2	1	4
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				Al speeds	**3**	**1**	**1**	**7**	**1**	**1**	**0**	**0**	**2**	**3**	**4**	**3**	**26**

Table A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

BAHARIYA — FEBRUARY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	6	0	0	1-10	4	2	1	0	0	1	1	2	3	5	1	1	21
				11-27	0	0	0	0	0	0	0	0	0	1	0	0	1
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				> 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**2**	**1**	**0**	**0**	**1**	**1**	**2**	**3**	**6**	**1**	**1**	**22**
0300	14	0	0	1-10	2	2	1	0	0	0	1	0	1	3	2	0	12
				11-27	0	0	0	0	0	0	0	0	0	1	0	1	2
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**2**	**1**	**0**	**0**	**0**	**1**	**0**	**1**	**4**	**2**	**1**	**14**
0600	14	0	0	1-10	2	2	0	0	0	0	1	0	2	4	0	0	11
				11-27	0	0	0	0	0	0	0	0	0	1	1	1	3
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**2**	**0**	**0**	**0**	**0**	**1**	**0**	**2**	**5**	**1**	**1**	**14**
0900	1	0	0	1-10	1	3	0	2	0	0	2	0	1	2	1	1	13
				11-27	0	1	1	1	0	0	0	0	1	4	2	1	11
				28-47	0	0	0	0	0	0	0	0	1	1	1	0	3
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**4**	**1**	**3**	**0**	**0**	**2**	**0**	**3**	**7**	**4**	**2**	**27**
1200	1	0	0	1-10	0	4	1	1	2	0	0	0	0	1	2	1	12
				11-27	1	1	1	0	0	0	0	0	0	3	5	3	14
				28-47	0	0	0	0	0	0	0	0	0	1	0	0	1
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**5**	**2**	**1**	**2**	**0**	**0**	**0**	**0**	**5**	**7**	**4**	**27**
1500	0	0	0	1-10	1	4	1	3	0	0	2	0	0	2	2	0	15
				11-27	1	1	0	0	0	0	0	0	1	3	3	3	12
				28-47	0	0	0	0	0	0	0	0	0	1	0	0	1
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**5**	**1**	**3**	**0**	**0**	**2**	**0**	**1**	**6**	**5**	**3**	**28**
1800	3	0	0	1-10	1	3	0	2	1	2	0	2	0	9	1	1	22
				11-27	0	0	0	0	0	0	0	0	0	1	2	0	3
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**3**	**0**	**2**	**1**	**2**	**0**	**2**	**0**	**10**	**3**	**1**	**25**
2100	5	0	0	1-10	2	3	1	0	0	1	2	2	2	6	1	0	20
				11-27	0	0	0	0	0	0	0	0	0	1	1	1	3
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**3**	**1**	**0**	**0**	**1**	**2**	**2**	**2**	**7**	**2**	**1**	**23**

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

FARAFRA—FEBRUARY 1962

Hour (U.T.)	Clam	Varbiale	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	10	0	0	1—10	1	2	1	0	1	0	0	1	2	4	2	2	16
				11—27	0	0	0	0	0	0	0	0	0	0	0	2	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥—48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**2**	**1**	**0**	**1**	**0**	**0**	**1**	**2**	**4**	**2**	**4**	**18**
0300	11	0	0	1—10	2	1	0	0	0	0	0	1	4	4	3	0	15
				11—27	1	0	0	0	0	0	0	0	0	0	0	1	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥—48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**1**	**0**	**0**	**0**	**0**	**0**	**1**	**4**	**4**	**3**	**1**	**17**
0600	9	0	0	1—10	5	0	0	0	0	0	0	1	1	5	2	3	17
				11—27	0	0	0	0	0	0	0	0	0	0	1	0	1
				28—47	0	0	0	0	0	0	0	0	0	1	0	0	1
				≥—48	0	0	0	0	0	0	0	0	0	0	0	0	0
			4	All speeds	**5**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**6**	**3**	**3**	**19**
0900	4	0	0	1—10	2	4	1	2	0	1	0	0	0	2	2	2	16
				11—27	0	2	0	0	0	0	0	0	0	1	2	0	5
				28—47	0	0	0	0	0	0	0	0	0	2	0	1	3
				≥—48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**6**	**1**	**2**	**0**	**1**	**0**	**0**	**0**	**5**	**4**	**3**	**24**
1200	2	0	0	1—10	1	2	1	3	1	2	0	0	0	1	2	2	15
				11—27	1	1	1	0	0	0	0	0	0	3	2	2	10
				28—47	0	0	0	0	0	0	0	0	0	0	1	0	1
				≥—84	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**3**	**2**	**3**	**1**	**2**	**0**	**0**	**0**	**4**	**5**	**4**	**26**
1500	2	0	0	1—10	2	4	2	3	2	0	0	0	0	2	2	2	19
				11—27	0	0	0	0	0	0	0	0	0	3	1	3	7
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥—48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**4**	**2**	**3**	**2**	**0**	**0**	**0**	**0**	**5**	**3**	**5**	**26**
1800	5	0	0	1—10	1	2	1	1	1	0	0	1	1	2	4	6	20
				11—27	0	0	1	0	0	0	0	0	0	1	1	0	3
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥—48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**2**	**2**	**1**	**1**	**0**	**0**	**1**	**1**	**3**	**5**	**6**	**23**
2100	9	0	0	1—10	0	4	0	1	0	1	1	0	1	6	0	3	17
				11—27	0	0	0	0	0	0	0	0	0	1	1	0	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥—48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**4**	**0**	**1**	**0**	**1**	**1**	**0**	**1**	**7**	**1**	**3**	**19**

Table A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS
DAKHLA — FEBRUARY 1962

Hour (G.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												All directions
					345 - 014	014 - 045	045 - 074	075 - 104	105 - 134	135 - 164	165 - 194	195 - 224	225 - 254	255 - 284	285 - 314	315 - 344	
0000	7	0	0	1–10	0	1	1	0	0	3	1	4	2	7	1	0	20
				11–27	0	0	0	0	0	0	0	0	0	0	1	0	1
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				>48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**1**	**1**	**0**	**0**	**3**	**1**	**4**	**2**	**7**	**2**	**0**	**21**
0300	12	0	0	1–10	0	0	3	0	1	1	1	2	2	1	4	0	15
				11–27	0	0	0	0	0	0	0	0	0	0	0	1	1
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				>48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**3**	**0**	**1**	**1**	**1**	**2**	**2**	**1**	**4**	**1**	**16**
0600	8	0	0	1–10	1	2	1	0	0	1	1	1	2	4	3	2	18
				11–27	0	0	0	0	0	0	0	0	0	2	0	0	2
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				>48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**2**	**1**	**0**	**0**	**1**	**1**	**1**	**2**	**6**	**3**	**2**	**20**
0900	0	0	0	1–10	1	3	3	0	0	0	1	0	0	1	7	6	22
				11–27	0	0	0	0	0	0	0	0	0	1	3	2	6
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				>48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**3**	**3**	**0**	**0**	**0**	**1**	**0**	**0**	**2**	**10**	**8**	**28**
1200	0	0	0	1–10	4	0	3	0	0	0	0	0	0	0	5	8	20
				11–27	0	0	0	0	0	0	0	0	0	1	3	4	8
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				>48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**0**	**3**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**8**	**12**	**28**
1500	0	0	0	1–10	4	2	3	0	0	1	0	0	1	2	2	3	15
				11–27	1	0	0	0	0	0	0	0	0	1	5	3	10
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				>48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**5**	**2**	**3**	**0**	**0**	**1**	**0**	**0**	**1**	**3**	**7**	**6**	**28**
1800	3	0	0	1–10	2	4	1	0	0	0	0	0	2	2	11	2	24
				11–27	0	0	0	0	0	0	0	0	0	0	1	0	1
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				>48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**4**	**1**	**0**	**0**	**0**	**0**	**0**	**2**	**2**	**12**	**2**	**25**
2100	4	0	0	1–10	0	0	3	0	3	0	1	2	3	9	3	0	24
				11–27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				>48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**3**	**0**	**3**	**0**	**1**	**2**	**3**	**9**	**3**	**0**	**24**

Table A 10.– NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

KHARGA – FEBRUARY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												All directions
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	
0000	0	0	24	1-10	3	0	0	0	0	0	0	0	0	0	0	0	3
				11-27	1	0	0	0	0	0	0	0	0	0	0	0	1
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**4**
0300	0	0	24	1-10	2	0	0	0	0	0	0	0	0	0	0	0	2
				11-27	2	0	0	0	0	0	0	0	0	0	0	0	2
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**4**
0600	0	0	25	1-10	2	0	0	0	0	0	0	0	0	0	0	0	2
				11-27	1	0	0	0	0	0	0	0	0	0	0	0	1
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**3**
0900	0	0	8	1-10	8	2	0	1	0	0	0	1	0	0	0	0	12
				11-27	3	3	0	0	0	0	0	0	0	0	0	2	8
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**11**	**5**	**0**	**1**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**2**	**20**
1200	0	0	3	1-10	11	4	1	0	0	0	0	0	0	1	0	0	17
				11-27	7	1	0	0	0	0	0	0	0	0	0	0	8
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**18**	**5**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**25**
1500	0	0	6	1-10	15	1	0	0	0	0	0	0	0	2	0	0	18
				11-27	4	0	0	0	0	0	0	0	0	0	0	0	4
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**19**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**0**	**0**	**22**
1800	0	0	22	1-10	4	0	0	0	0	0	0	0	0	0	0	1	5
				11-27	1	0	0	0	0	0	0	0	0	0	0	0	1
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**5**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**6**
2100	0	0	26	1-10	1	0	0	0	0	0	0	0	0	0	0	0	1
				11-27	1	0	0	0	0	0	0	0	0	0	0	0	1
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**

Table A 10.— NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

TOR — FEBRUARY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated: 345/014	015/044	045/074	075/104	105/134	135/164	165/194	195/224	225/254	255/284	285/314	315/344	All directions
0000	0	0	15	1-10	3	3	0	0	0	0	0	0	0	0	0	1	7
				11-27	1	0	0	0	0	0	0	0	0	0	1	4	6
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**3**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**5**	**13**
0300	0	0	11	1-10	2	4	0	1	0	0	0	0	1	1	1	2	12
				11-27	2	0	0	0	0	0	0	0	0	0	2	1	5
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**4**	**0**	**1**	**0**	**0**	**0**	**0**	**1**	**1**	**3**	**3**	**17**
0600	0	0	2	1-10	7	7	1	0	0	0	0	0	0	0	4	2	21
				11-27	1	0	0	0	0	0	0	0	0	0	1	3	5
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**8**	**7**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**5**	**5**	**26**
0900	0	0	4	1-10	0	0	0	0	1	0	2	0	0	3	11	1	18
				11-27	0	0	0	0	0	0	0	0	0	0	5	1	6
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**1**	**0**	**2**	**0**	**0**	**3**	**16**	**2**	**24**
1200	0	0	0	1-10	1	0	0	0	0	0	0	0	0	7	6	0	14
				11-27	0	0	0	0	0	0	2	0	0	1	11	0	14
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**0**	**0**	**0**	**0**	**2**	**0**	**0**	**8**	**17**	**0**	**28**
1500	4	0	0	1-10	0	0	0	0	0	0	1	0	0	3	5	3	12
				11-27	0	0	0	6	0	0	1	0	0	1	4	3	12
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**6**	**0**	**0**	**2**	**0**	**0**	**4**	**9**	**6**	**24**
1800	10	0	0	1-10	0	0	0	0	0	1	0	1	1	3	2	3	11
				11-27	3	0	0	0	0	0	0	0	0	1	1	2	7
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**0**	**0**	**0**	**0**	**1**	**0**	**1**	**1**	**4**	**3**	**5**	**18**
2100	14	0	0	1-10	2	1	0	0	1	0	0	0	0	2	1	2	9
				11-27	1	0	0	0	0	0	0	0	0	0	2	2	5
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**1**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**2**	**3**	**4**	**14**

Table A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

HURGHADA — FEBRUARY 1962

Hour (G.M.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												All directions
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	
0000	2	0	0	1-10	2	0	0	0	0	0	0	0	1	0	4	4	11
				11-27	0	0	0	0	0	0	0	0	0	0	8	7	15
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				> 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**12**	**11**	**26**
0300	1	0	0	1-10	0	0	0	0	0	0	1	0	0	0	5	3	9
				11-27	0	0	0	0	0	0	0	0	0	1	9	6	16
				28-47	0	0	0	0	0	0	0	0	0	0	0	2	2
				> 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**1**	**14**	**11**	**27**
0600	0	0	0	1-10	0	0	0	0	0	1	0	0	0	1	5	1	8
				11-27	0	0	0	0	0	1	0	0	0	0	13	4	18
				28-47	0	0	0	0	0	0	0	0	0	0	0	2	2
				> 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**0**	**2**	**0**	**0**	**0**	**1**	**18**	**7**	**28**
0900	0	0	0	1-10	2	0	0	0	1	0	0	0	0	0	0	2	5
				11-27	6	0	0	0	0	1	0	0	0	0	0	15	22
				28-47	0	0	0	0	0	0	0	0	0	0	0	1	1
				> 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**8**	**0**	**0**	**0**	**1**	**1**	**0**	**0**	**0**	**0**	**0**	**18**	**28**
1200	0	0	0	1-10	3	1	2	1	0	0	0	0	0	0	0	0	7
				11-27	13	0	0	0	2	0	0	0	0	0	1	5	21
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				> 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**16**	**1**	**2**	**1**	**2**	**0**	**0**	**0**	**0**	**0**	**1**	**5**	**28**
1500	0	0	0	1-10	4	1	0	1	2	2	0	1	0	0	0	0	11
				11-27	13	0	0	0	0	0	0	0	0	0	0	4	17
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				> 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**17**	**1**	**0**	**1**	**2**	**2**	**0**	**1**	**0**	**0**	**0**	**4**	**28**
1800	2	0	0	1-10	1	0	0	0	0	2	1	0	1	2	4	4	15
				11-28	1	0	0	0	0	0	0	0	0	0	0	10	11
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				> 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**0**	**0**	**0**	**0**	**2**	**1**	**0**	**1**	**2**	**4**	**14**	**26**
2100	0	0	0	1-10	0	0	0	0	0	1	1	0	1	0	5	6	14
				11-27	0	0	0	0	0	0	0	0	0	1	7	6	14
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				> 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**0**	**1**	**1**	**12**	**12**	**28**

Table A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

QUSEIR — FEBRUARY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
				1-10	0	0	0	0	0	0	0	0	1	12	2	3	18
				11-27	0	0	0	0	0	0	0	0	0	1	1	1	3
0900	7	0	0	28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**13**	**3**	**4**	**21**
				1-10	0	0	0	0	0	0	0	1	2	16	3	3	25
0300	3	0	0	11-27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**2**	**16**	**3**	**3**	**25**
				1-10	0	1	0	0	0	0	0	0	0	12	2	4	19
				11-27	0	0	0	0	0	0	0	0	0	4	2	2	8
0600	1	0	0	28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**16**	**4**	**6**	**27**
				1-10	5	1	0	1	1	0	0	0	0	0	3	0	11
				11-27	8	0	0	0	0	0	0	0	0	1	0	7	16
0900	1	0	0	28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**13**	**1**	**0**	**1**	**1**	**0**	**0**	**0**	**0**	**1**	**3**	**7**	**27**
				1-10	4	3	4	1	0	0	0	0	0	0	1	0	13
				11-27	10	0	0	0	1	1	0	0	0	1	0	2	15
1200	0	0	0	28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**14**	**3**	**4**	**1**	**1**	**1**	**0**	**0**	**0**	**1**	**1**	**2**	**28**
				1-10	7	1	1	2	3	1	0	0	0	0	0	3	18
				11-27	4	0	0	0	0	0	0	0	0	1	1	3	9
1500	1	0	0	28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**11**	**1**	**1**	**2**	**3**	**1**	**0**	**0**	**0**	**1**	**1**	**6**	**27**
				1-10	0	0	0	0	0	0	1	0	0	9	8	2	20
				11-27	1	0	0	0	0	0	0	0	0	0	0	0	1
1800	7	0	0	28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**9**	**8**	**2**	**21**
				1-10	0	0	0	0	0	0	1	0	0	13	3	2	19
				11-27	0	0	0	0	0	0	0	0	0	0	0	1	1
2100	8	0	0	28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**13**	**3**	**3**	**20**

Table B 1.—UPPER AIR CLIMATOLOGICAL DATA

MERSA MATRUH (A) — 0000 U.T. — FEBRUARY 1962

N = the number of cases the element has been observed during the month.

Pressure surface (millibar)	Altitude of pressure surface (gpm.)				Temperature (°C)				Dew point (°C)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Maen
		*	*	*						
Surface of station . .	28	1013mb.	1023mb.	1006mb.	28	11.0	14.8	7.0	28	6.2
1000	28	150	231	92	28	11.2	15.1	4.7	28	5.3
850	28	1492	1572	1440	28	4.3	14.8	2.1	28	—4.9
700	28	3045	3158	2979	28	—4.2	3.2	—13.8	28	—16.3
600	28	4244	4385	4143	28	—10.5	— 5.1	—18.9	12	—19.0
500	28	5622	5795	5489	28	—19.4	—13.4	—26.4	10	—30.1
400	28	7243	7450	7095	28	—30.9	—24.8	—38.8	11	—35.7
300	28	9225	9472	9030	28	—44.3	—35.1	—49.3	—	—
200	28	11863	12093	11720	28	—54.9	—46.1	—64.1	—	—
150	28	13695	13875	13571	28	—57.7	—50.5	—64.8	—	—
100	28	16214	16332	16100	24	—63.0	—54.1	—67.9	—	—
60	13	19385	19471	19208	13	—61.5	—57.8	—71.5	—	—
40	4	21915	21957	21898	4	—57.9	—54.9	—62.0	—	—
30	2	23754	23797	23711	2	—54.3	—53.6	—55.0	—	—
20	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—

* The atmospheric Pressure corrected to the elevation of the radiosonde station.

Table B 1.—UPPER AIR CLIMATOLOGICAL DATA

MERSA MATRUH (A) — 1200 U T. — FEBRUARY 1962

N = the number of cases the element has been observed during the month.

Pressure surface (millibar)	Altitude of pressure surface (gpm.)				Temperature (°C)				Dew point (°C)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
		*	*	*						
Surface	28	1012mb.	1022mb.	1003mb.	28	16.2	21.6	14.7	38	6.7
1000	28	146	227	67	28	15.1	20.8	10.6	28	6.9
850	28	1497	1568	1420	28	4.5	11.5	9.4	27	—3.8
700	28	3052	3147	2968	28	—3.4	1.9	—10.8	16	—14.8
600	28	4257	4368	4159	28	—9.5	— 2.7	—17.0	10	—20.4
500	28	5642	5769	5510	28	—18.6	—11.8	—27.0	8	—27.8
400	28	7269	7432	7090	28	—29.9	—22.6	—36.3	5	—32.6
300	28	9259	9454	9035	28	—43.7	—35·0	—50.2	1	—50.8
200	28	11909	12075	11704	28	—54.2	—47.0	—62.3	—	—
150	27	13744	13861	13602	27	—57.3	—49.8	—65.2	—	—
100	26	16268	16349	16138	20	—62.3	—58.3	—68.6	—	—
60	13	19428	19571	19295	13	—60.0	—51.4	—64.3	—	—
40	5	21953	22943	21841	5	—56.0	—54.5	—57.5	—	—
30	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—

* The atmospheric pressure corrected to the elevation of the radiosonde station.

Table B 1.—UPPER AIR CLIMATOLOGICAL DATA

HELWAN—0000 U.T. — FEBRUARY 1962

N = the number of cases the element has been observed during the month.

Pressure surface (millibar)	Altitude of pressure surface (gpm.)				Temperature (°C)				Dew point (°C)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
		*	*	*						
Surface	26	1000mb.	1008mb.	994mb.	26	11.2	17.1	6.0	26	1.7
1000	26	142	206	92	16	9.9	13.5	6.0	16	1.1
850	26	1489	1549	1457	26	5.8	18.0	— 1.8	21	— 5.8
700	26	3058	3142	2989	26	— 0.5	7.0	— 7.5	13	—15.8
600	26	4276	4389	4171	26	— 7.3	- 1.2	—15.9	6	—16.7
500	26	5671	5806	5532	26	—15.9	—11.1	—26.2	9	—23.2
400	26	7313	7472	7151	26	—28.0	—22.7	—34.3	11	—30.3
300	26	9371	9492	9128	26	—42.1	—35.5	—49.5	4	—41.0
200	22	12066	12174	11752	22	—54.8	—45.0	—62.1	—	—
150	20	13783	13966	13577	20	—58.5	—51.0	—66.0	—	—
100	13	16259	16408	16120	13	—64.9	—60.6	—71.1	—	—
60	5	19404	19464	19282	5	—63.0	—60.5	—65.7	—	—
40	2	21916	22003	21830	2	—57.7	—56.9	—58.5	—	—
30	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—

* The atmospheric pressure corrected to the elevation of the radiosonde station.

Table B 1.—UPPER AIR CLIMATOLOGICAL DATA

HELWAN —1200 U.T. — FEBRUARY 1962

N = the number of cases the element has been observed during the month.

Pressure surface (millibar)	Altitude of pressure surface (gpm.)				Temperature (°C)				Dew point (°C)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
		*	*	*						
Surface	27	1000mb.	1007mb.	992mb.	27	18.2	23.8	12.6	27	0.8
1000	27	137	200	76	15	16.6	21.1	12.4	15	1.0
850	27	1492	1545	1429	27	6.1	17.7	—0.5	25	— 8.8
700	27	3061	3144	2990	27	—0.7	5.4	—10.0	13	—16.5
600	27	4278	4385	4180	27	—7.3	— 1.1	—18.2	11	—22.8
500	27	5675	5805	5548	27	—16.4	—10.3	—21.5	11	—23.4
400	27	7319	7470	7204	27	—27.8	—21.8	—33.3	11	—30.1
300	26	9332	9504	9173	26	—41.7	—33.8	—47.9	—	—
200	24	11990	12190	11703	24	—54.8	—46.2	—61.3	—	—
150	20	13804	13980	13524	20	—58.3	—51.4	—67.8	—	—
100	11	16290	16407	16084	11	—64.0	—60.5	—69.0	—	—
60	1	19472	—	—	1	—67.3	—	—	—	—
40	1	21962	—	—	1	—57.0	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—

*The atmospheric pressure corrected to the elevation of the radiosonde station

Table B 1.—UPPER AIR CLIMATOLOGICAL DATA

ASWAN (A) —0000 U.T. — FEBRUARY 1962

N = the number of cases the element has been observed during the month.

Pressure surface (millibar)	Altitude of pressure surface (gpm.)				Temperature (°C)				Dew point (°C)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
		*	*	*						
Surface	28	1003mb.	1006mb.	997mb.	28	14.3	20.0	8.0	28	—1.0
1000	24	136	173	106	24	13.7	18.9	8.8	23	—0.9
850	28	1498	1539	1461	28	11.3	21.3	0.8	21	—5.5
700	28	3105	3134	3053	28	5.8	11.4	0.7	22	—10.1
600	23	4349	4446	4280	28	— 2.2	2 2	— 9.8	10	—15.9
500	28	5744	5886	5680	28	—11.4	— 7.8	—16.3	6	—23.4
400	28	7450	7576	7334	28	—22.9	—16.7	—28.2	9	—32.3
300	28	9498	9639	9343	28	—37.5	—30.5	—43.0	2	—42.9
200	26	12181	12348	11958	26	—57.0	—51.3	—64.6	—	—
150	26	13961	14142	13674	26	—65.0	—56.7	—73.6	—	—
100	24	16389	16683	16048	26	—72.7	—61.5	—81.4	—	—
60	11	19444	19578	19274	24	—64.3	—64.0	—76.5	—	—
40	7	21894	21983	21820	11	—61.6	—56.0	—67.7	—	—
30	1	22714	—	—	7	—55.7	—	—	—	—
20	—	—	—	—	1	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—

* The atmospheric pressure corrected to the elevation of the radiosonde station.

Table B 1.—UPPER AIR CLIMATOLOGICAL DATA

ASWAN (A) — 1200 U.T. — FEBRUARY 1962

N = the number of cases the element has been observed during the month.

Pressure surface (millibar)	Altitude of pressure surface (gpm.)				Temperature (°C)				Dew point (°C)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
		*	*	*						
Surface	28	1002mb.	1008mb.	996mb.	28	25.8	38.9	18.3	28	4.2
1000	20	137	175	106	20	23.4	32.5	17.2	17	3.8
850	28	1513	1554	1469	28	13.5	24.3	3.0	17	—11.0
700	28	3182	3211	3071	28	7.5	13.3	— 0.2	7	—13.4
600	28	4381	4484	4301	28	— 0.4	3.9	— 5.9	5	—17.9
500	28	5814	5940	5713	28	— 9.6	— 5.0	—14.6	4	—25.7
400	28	7497	7643	7324	28	—21.5	—16.8	—27.0	3	—38.0
300	28	9555	9720	9350	28	—36.7	—32.0	—40.8	1	—47.2
200	28	12242	12437	12037	28	—56.5	—52.8	—62.0	—	—
150	27	14042	14231	13907	27	—64.6	—58.7	—69.1	—	—
100	24	16483	16647	16349	24	—73.1	—67.7	—77.1	—	—
60	17	19492	19629	19352	17	—69.3	—58.8	—75.9	—	—
40	8	21989	22098	21778	8	—62.6	—52.5	—67.1	—	—
30	1	23548	—	—	1	—61.2	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—

* The atmospheric pressure corrected to the elevation of the radiosonde station.

Table B 2.—MEAN AND EXTREME VALUES OF THE FREEZING LEVEL AND THE TROPOPAUSE THE HIGHEST WIND SPEED IN THE UPPER AIR

0000 U.T. — FEBRUARY 1962

N=The number of cases the element has been observed during the month.

Station	Freezing level									First tropopause									Highest wind speed			
	Mean			Highest			Lowest			Mean			Highest			Lowest						
	Altitude (gpm)	Pressure (mb.)	Dew point (°C)	Altitude (gpm)	Pressure (mb.)	Dew point (°C)	Altitude (gpm)	Pressure (mb.)	Dew point (°C)	Altitude (gpm.)	Pressure (mb.)	Temperature (°C)	Altitude (gpm)	Pressure (mb.)	Temperature (°C)	Altitude (gpm)	Pressure (mb.)	Temperature (°C)	Altitude (gpm.)	Pressure (mb.)	Direction (000 - 360)°	Speed in knots
	(N)	(N)	(N)							(N)	(N	(N)										
Mersa Matruh (A)	2185 (28)	781 (28)	—6.9 (24)	3540	666	—8.1	1220	828	—3.2	11481 (27)	217 (27)	—56.5 (27)	14930	126	—59.6	9560	282	—49.1	5900	477	290	158
Helwan	2677 (26)	739 (26)	—11.4 (17)	4100	622	—	1250	875	—3.0	11970 (17)	208 (17)	—56.9 (17)	16100	104	—67.3	8580	325	—41.3	7300	391	220	141
Aswan (A)	3857 (28)	639 (28)	—14.5 17	4700	575	—	1660	832	—	14416 (20)	143 (20)	—68.1 (20)	17820	78	—72.2	11900	207	—60.6	8000	370	260	140

Table B2.—MEAN AND EXTREME VALUES OF THE FREEZING LEVEL AND THE TROPOPAUSE THE HIGHEST WIND SPEED IN THE UPPER AIR

1200 U.T. — FEBRUARY 1962

N=The number of cases the element has been observed during the month.

Station	Freezing level									First tropopause									Highest wind speed			
	Mean			Highest			Lowest			Mean			Highest			Lowest						
	Altitude (gpm)	Pressure (mb.)	Dew point (°C)	Altitude (gpm)	Pressure (mb.)	Dew point (°C)	Altitude (gpm)	Pressure (m.b)	Dew point (°C)	Altitude (gpm)	Pressure (mb.)	Temperature (°C)	Altitude (gpm)	Pressure (mb.)	Temperature (°C)	Altitude (gpm)	Pressure (mb.)	Temperature (°C)	Altitude (gpm)	Pressure (mb.)	Direction (000-360)°	Speed in knots
	(N)	(N)	(N)							(N)	(N)	(N)										
Mersa Matruh . (A)	2339 (28)	768 (28)	— 7.3 (22)	3760	646	—10.0	1410	856	—4.1	11067 (24)	231 (24)	—55.0 (24)	13500	158	-57.8	8420	336	—45.5	6700	430	230	124
Helwan	2726 (27)	734 (27)	—12.4 (19)	4160	613	—	1400	860	—4.9	10508 (20)	253 (20)	—52.0 (20)	12550	187	—62.7	8700	324	—42.8	9500	300	260	111
Aswan . . . (A)	4196 (28)	616 (28)	—17.3 (5)	5120	553	—	3120	696	—	15782 (20)	117 (20)	—71·6 (20)	18000	79	—78.0	12400	196	—63.1	8800	329	270	140

Table B 3.—NUMBER OF OCCURRENCES OF WIND DIRECTION WITHIN SPECIFIED RANGES AND THE MEAN SCALAR WIND SPEED AT THE STANDARD AND SELECTED PRESSURE SURFACES

MERSA MATRUH (A)—1200 U.T.—FEBRUARY 1962

N = The number of cases the wind has been observed from the range of direction during the month,.

TN = The total number of cases the wind has been observed for all directions during the month.

Pressure surface (millibar)	Wind between specified ranges of direction (000-360)°																								Number of calm winds	Total number of observations (TN)	Mean scalar wind speed (knots)
	345-014		015-044		045-074		075-104		105-134		135-164		165-194		195-224		225-254		255-284		285-314		315-344				
	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m			
Surface of station	2	10	3	10	2	8	2	12	2	10	1	15	1	19	0	—	2	20	4	30	5	21	4	19	0	28	18
1000	2	10	3	10	2	8	2	12	2	10	1	15	1	19	0	—	2	20	4	30	5	21	4	19	0	28	18
850	2	12	3	11	1	7	0	—	1	5	1	14	0	—	3	18	3	22	6	32	5	22	2	18	1	28	19
700	0	—	0	—	0	—	0	—	0	—	0	—	0	—	4	25	5	27	8	34	7	18	4	23	0	28	26
600	0	—	0		0	—	0	—	0	—	0	—	0	—	1	36	6	50	15	38	4	24	1	44	0	27	39
500	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	7	60	14	40	5	42	0	—	0	26	46
400	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	55	4	75	13	55	4	47	0	—	0	22	57
300	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	5	72	10	65	3	67	0	—	0	18	67
200	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	88	5	80	2	106	0	—	0	8	88
150	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	97	0	—	0	—	0	1	97
100	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	66	0	—	0	—	0	1	66
60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Table B 3.—NUMBER OF OCCURRENCES OF WIND DIRECTION WITHIN SPECIFIED RANGES AND THE MEAN SCALAR WIND SPEED AT THE STANDARD AND SELECTED PRESSURE SURFACES

MERSA MATRUH (A)—0000 U.T.—FEBRUARY 1962

N = The number of cases the wind has been observed from the range of direction during the month.

TN = The total number of cases the wind has been observed for all directions during the month.

Pressure surface (millibar)	Wind between specified ranges of direction (000-360)°																								Number of calm winds	Total number of observations (TN)	Mean scalar wind speed (knots)
	345-014		015-044		045-074		075-104		105-134		135-164		165-194		195-224		225-254		255-284		285-314		315-344				
	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m			
Surface of station	0	—	1	8	3	5	2	8	2	12	4	14	0	—	2	16	5	18	7	21	0		2	19	0	28	15
1000	0	—	1	8	3	5	2	8	2	12	4	14	0	—	2	16	5	19	7	21	0	—	2	19	0	28	15
850	2	8	0	—	1	8	0	—	1	7	2	23	2	16	2	21	5	23	6	21	5	28	2	10	0	28	20
700	0	—	0	—	0	—	0	—	0	—	1	5	1	42	3	29	5	34	12	25	5	18	1	39	0	28	26
600	0	—	0	—	1	8	0	—	0	—	0	—	0	—	4	43	5	37	11	39	7	35	0	—	0	28	37
500	0	—	0	—	0	—	0	—	0	—	0	—	0	—	3	72	7	51	12	45	6	50	0	—	0	28	50
400	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	39	6	102	13	45	2	40	0	—	0	22	60
300	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	57	4	65	10	67	2	62	0	—	0	17	65
200	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	96	1	95	7	75	0	—	0	—	0	9	80
150	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	3	56	0	—	0	—	0	3	55
100	—	—	—	—	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	—	—	—	—
60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Table B 3.—NUMBER OF OCCURRENCES OF WIND DIRECTION WITHIN SPECIFIED RANGES AND THE MEAN SCALAR WIND SPEED AT THE STANDARD AND SELECTED PRESSURE SURFACES

HELWAN - 0000 U.T. — FEBRUARY 1962

N = The number of cases the wind has been observed from the range of direction during the month.

TN = The total number of cases the wind has been observed for all directions during the month.

Pressure surface (millibar)	Wind between specified ranges of direction (000-360)°																								Number of calm winds	Total number of observations (TN)	Mean scalar wind speed (knots)
	345—014		015—044		045—074		075—104		105—134		135—164		165—194		195—224		225—254		255—284		285—314		315—344				
	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m			
Surface of station	1	5	6	12	4	11	2	4	2	4	3	4	0	—	0	—	1	13	1	3	2	3	0	—	4	26	7
1000	0	—	4	17	2	12	0	—	1	6	2	4	0	—	0	—	2	10	1	3	1	13	1	13	2	16	10
850	1	15	3	12	1	6	0	—	0	—	0	—	0	—	1	28	4	18	11	17	4	11	1	28	0	26	16
700	0	—	0	—	0	—	0	—	1	24	0	—	0	—	1	24	8	42	9	28	5	20	2	18	0	26	30
600	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	50	8	60	9	30	6	32	1	61	0	26	42
500	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	4	58	12	43	6	44	0	—	0	22	46
400	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	136	2	68	12	61	5	67	0	—	0	20	66
300	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	50	8	63	4	74	0	—	0	13	65
200	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	90	1	117	0	—	0	3	99
150	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	84	0	—	0	—	0	1	84
100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Table B 3.—NUMBER OF OCCURRENCES OF WIND DIRECTION WITHIN SPECIFIED RANGES AND THE MEAN SCALAR WIND SPEED AT THE STANDARD AND SELECTED PRESSURE SURFACES

HELWAN — 1200 U.T.—FEBRUARY 1962

N — The number of cases the wind has been observed from the range of direction during the month.

TN — The total number of cases the wind has been observed for all directions during the month.

Pressure surface millibar)	Wind between specified ranges of direction (000-360)°																								Number of calm winds	Total number of observations (TN)	Mean scalar wind speed (knots)
	345-014		015-044		045-074		075-104		105-134		135-164		165-194		195-224		225-254		255-284		285-314		315-344				
	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m			
Surface of station	2	12	5	11	2	4	1	3	0	—	0	—	1	11	3	9	3	10	3	12	4	14	0	—	3	27	9
1000	0	—	4	12	1	7	1	3	0	—	0	—	0	—	1	5	1	10	3	11	3	16	0	—	1	15	10
850	3	6	1	15	1	9	0	—	0	—	0	—	1	4	1	11	8	22	5	16	3	24	3	8	1	27	15
700	1	4	0	—	0	—	0	—	0	—	0	—	1	12	0	—	9	34	8	32	5	31	3	11	0	27	29
600	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	5	62	12	34	7	37	2	33	0	26	40
500	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	6	75	13	42	5	39	0	—	0	24	50
400	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	62	10	52	6	54	0	—	0	18	54
300	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	10	78	0	—	0	—	0	10	78
200	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	94	0	—	0	—	0	2	94
150	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Table B 3.—NUMBER OF OCCURRENCES OF WIND DIRECTION WITHIN SPECIFIED RANGES AND THE MEAN SCALAR WIND SPEED AT THE STANDARD AND SELECTED PRESSURE SURFACES

ASWAN (A) — 0000 U.T. — FEBRUARY 1962

N = The number of cases the wind has been observed from the range of direction during the month.

TN The total number of cases the wind has been observed for all directions during the month.

Pressure surface (millibar)	Wind between specified ranges of direction (000-360)°																								Number of calm winds	Total number of observations (TN)	Mean scalar wind speed (knots)
	345-014		015-044		045-074		075-104		105-134		135-164		165-194		195-224		225-254		255-284		285-314		315-344				
	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m			
Surface of station	14	8	0	—	1	6	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	13	28	4
1000	12	8	0	—	1	6	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	11	24	4
850	3	11	2	19	2	12	1	5	2	20	0	—	0	—	2	7	6	14	3	13	3	16	4	12	0	28	13
700	0	—	1	14	0	—	0	—	0	—	0	—	1	5	1	30	8	37	11	24	5	22	1	9	0	28	26
600	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	12	43	13	34	3	31	0	—	0	28	37
500	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	70	9	55	13	45	4	53	0	—	0	28	51
400	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	8	71	13	66	2	40	0	—	0	23	66
300	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	3	65	6	68	4	61	0	—	0	13	65
200	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	115	2	86	3	100	0	—	0	6	98
150	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	82	1	90	0	—	0	2	86
100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Table B 3.—NUMBER OF OCCURRENCES OF WIND DIRECTION WITHIN SPECIFIED RANGES AND THE MEAN SCALAR WIND SPEED AT THE STANDARD AND SELECTED PRESSURE SURFACES

ASWAN (A) — 1200 U.T. — FEBRUARY 1962

N = The number of cases the wind has been observed from the range of direction during the month.
TN = The total number of cases the wind has been observed for all directions during the month.

Pressure surface (millibar)	Wind between specified ranges of direction (000–360°)																						Number of calm winds	Total number of observations (TN)	Mean scalar wind speed (knots)
	345–014		015–044		045–074		075–104		105–134		135–164		165–194		195–224		225–254		255–284		285–314		315–344				
	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m			
Surface of station	17	7	1	5	1	6	1	2	0	—	0	—	0	—	0	—	0	—	1	10	0	—	2	8	5	28	6
1000	13	8	1	5	1	6	1	2	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	8	2	20	7
850	2	11	4	11	2	6	1	8	0	—	0	—	3	10	2	14	4	11	2	10	3	21	5	12	0	28	12
700	0	—	0	—	0	—	0	—	0	—	0	—	0	—	3	30	8	38	9	26	7	14	1	23	0	28	27
600	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	62	12	44	9	32	6	33	0	—	0	28	39
500	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	78	10	53	11	51	5	38	0	—	0	27	51
400	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	6	72	17	63	17	60	0	—	0	23	70
300	0	—	0	—	0	—	0	—	0	—	0	—	0		0	—	1	90	10	63	0		0	—	0	11	71
200	0	—	0	—	0	—	0	—	0	—	0		0		0	—	0		3	82	1	88	0	—	0	4	84
150	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	116	0	—	0	—	0	1	116
100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

REVIEW OF AGRO-METEOROLOGICAL STATION AT GIZA

FEBRUARY 1962

This month was slightly colder and drier than normal. The daily mean air temperature at 2 metres above ground and the daily mean relative humidity were below normal (— 0.4°C, — 3% respectively). The total monthly rainfall was below normal (—0.5 mm). The month was characterized by a short warm interval giving absolute maximum air temperature at 2 metres above ground and the lowest value of relative humidity on the 16th; and a short cold interval giving the lowest minimum air temperature at 2 metres above ground and at 5 cms. above different fields.

The minimum air temperature at 5 cms. above grass (Libia) fell below 0°C on 3 days against 7 days during February 1961. The duration of air temperature below 0°C on these days together with the actual values of minimum air temperatures are given in the following table :

Air Temperatures Below 0°C at 5 cms. above grass (Libia)

Date	Minimum air temperature °C	Duration in hours (to the nearest half) of air temperature below the following limits. 0°C	1°C	2°C
2	— 0.2	0.0	0.0	0.0
22	— 1.2	1.5	0.0	0.0
23	— 1.6	2.5	1.0	0.0

In the dry field the extreme maximum soil temperatures at 20cm. depth and higher levels were higher than the corresponding values for last year; at lower levels the values were lower than last year. The maximum difference was +5.8°C at 2cm depth in the first case, —0.9°C at 100 & 200 cms depths in the second case. The extreme minimum soil temperatures were lower than the corresponding values for last year at all depths (maximum difference —0.8°C at 0.3 cm. depth) except at 1cm. where it was higher (+0.3°C).

The daily mean wind speed was slightly less (—0.2 m/sec.) than the corresponding value of last February. The daily mean values of Piche evaporation, water pan evaporation, potential evaporation and potential evapotranspiration were + 0.3, + 0.14, + 0.2, & — 0.1 mms. respectively than the corresponding values of last February. The total actual duration of bright sunshine was 16 hours less than the corresponding value of February 1961.

REVIEW OF AGRO-METEOROLOGICAL STATION AT TAHRIR FEBRUARY 1962

This month was rather cold and characterized with two warm and short periods. As compared with last February, mean of air temperature (+ 1°C), relative humidity (—1%), vapour pressure (the same) and Piche evaporation (—0.3 mms.) were almost the same. As an exception, rainfall appears to be rather deficient (3.6 mms. against 11.9 mms. of last February), total radiation was (— 680 gm/cal. per cm^2) apperciably low. The actual sunshine duration was slightly lower (— 8.2 hours i.e. — 3% of the possible duration) than the corresponding value of last February.

Extreme values of maximum soil temperature of the dry field this month were more than the corresponding values of last February by 4.8°C in the surface layers, 0.5°C at ½ metre depth. At further depths (1.2 & 3 metres), its values were less by 0.6°C than the corresponding values of last February. Extreme values of minimum temperature of the dry field this month were less than the corresponding values of February 1961 by 1.0°C in the surface layers, then its decrease fluctuated from 1.1°C to 0.5°C at 3 metres depth.

Table C 1.—AIR TEMPERATURES AT 2 METRES ABOVE GROUND; ABSOLUTE MINIMUM AIR TEMPERATURES AT 5cms ABOVE GROUND OVER DIFFERENT FIELDS

GIZA — FEBRAUARY 1962

Date	Air Temperature (°C)					Duration in hours to the nearest half hour of air tempertaure above the following values										
	Max.	Min	Mean of the day	Night time mean	Day time mean	—5 °C	0 C°	5 °C	10 °C	15 °C	20 °C	25 °C	30 °C	35 °C	40 °C	45 °C
1	17.5	8.0	12.5	10.8	14.2	24.0	24.0	24.0	18.0	6.5	0.0	0.0	0.0	0.0	0.0	0.0
2	23.5	4.8	12.5	9.9	16.2	24.0	24.0	24.0	16.0	7.0	3.0	0.0	0.0	0.0	0.0	0.0
3	15.7	9.0	12.3	11.4	13.1	24.0	24.0	24.0	20.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
4	19.7	8.3	12.6	11.5	15.1	24.0	24.0	24.0	18.5	7.0	0.0	0.0	0.0	0.0	0.0	0.0
5	15.8	7.0	11.0	9.4	12.3	24.0	24.0	24.0	14.5	2.0	0.0	0.0	0.0	0.0	0.0	0.0
6	16.0	8.7	11.7	10.7	13.3	24.0	24.0	24.0	16.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
7	19.1	6.2	12.3	9.5	14.2	24.0	24.0	24.0	14.5	7.5	0.0	0.0	0.0	0.0	0.0	0.0
8	18.3	7.5	12.6	12.1	14.3	24.0	24.0	24.0	19.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0
9	18.3	7.4	13.1	11.6	14.7	24.0	24.0	24.0	22.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0
10	19.5	6.8	13.1	11.3	14.8	24.0	24.0	24.0	19.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0
11	19.4	5.7	12.6	10.7	14.9	24.0	24.0	24.0	15.5	8.5	0.0	0.0	0.0	0.0	0.0	0.0
12	19.9	8.8	14.3	12.2	16.6	24.0	24.0	24.0	23.5	10.5	0.0	0.0	0.0	0.0	0.0	0.0
13	21.5	9.8	15.6	12.5	17.5	24.0	24.0	24.0	23.0	14.5	4.0	0.0	0.0	0.0	0.0	0.0
14	22.7	11.2	16.4	15.0	18.7	24.0	24.0	24.0	24.0	13.0	6.0	0.0	0.0	0.0	0.0	0.0
15	23.6	7.0	15.0	12.3	17.7	24.0	24.0	24.0	19.0	13.0	5.0	0.0	0.0	0.0	0.0	0.0
16	26.0	11.2	16.9	14.7	20.2	24.0	24.0	24.0	24.0	12.0	6.5	1.0	0.0	0.0	0.0	0.0
17	17.0	7.3	11.3	12.2	13.5	24.0	24.0	24.0	14.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0
18	19.5	5.8	12.6	8.1	14.2	24.0	24.0	24.0	15.0	12.5	0.0	0.0	0.0	0.0	0.0	0.0
19	18.8	9.5	14.0	14.7	15.5	24.0	24.0	24.0	22.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0
20	13.5	6.3	9.1	9.5	9.8	24.0	24.0	23.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	16.3	8.2	10.5	8.9	12.5	24.0	24.0	24.0	11.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
22	19.7	3.7	10.8	7.0	14.2	24.0	24.0	22.5	12.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0
23	20.5	3.4	12.2	8.0	14.9	24.0	24.0	20.5	15.5	10.0	0.0	0.0	0.0	0.0	0.0	0.0
24	23.0	4.2	14.5	11.3	17.1	24.0	24.0	24.0	16.0	12.5	5.0	0.0	0.0	0.0	0.0	0.0
25	24.4	6.3	15.1	11.6	18.3	24.0	24.0	24.0	16.0	14.0	6.5	0.0	0.0	0.0	0.0	0.0
26	20.7	11.6	15.7	14.7	17.4	24.0	24.0	24.0	24.0	12.0	1.5	0.0	0.0	0.0	0.0	0.0
27	20.3	8.3	14.6	13.0	16.7	24.0	24.0	24.0	22.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0
28	20.1	7.8	14.6	12.8	16.3	24.0	24.0	24.0	19.5	12.5	0.0	0.0	0.0	0.0	0.0	0.0
29																
30																
31																
Total	--	--	-	--	--	**672.0**	**672.0**	**667.0**	**501.0**	**227.0**	**37.5**	**1.0**	**0.0**	**0.0**	**0.0**	**0.0**
Mean	19.7	7.5	13.2	11.3	15.3	24.0	24.0	23.8	17.9	8.1	1.3	0.03	0.0	0.0	0.0	0.0

Highest maximum at 2 metres 26.0 °C on 16th. Highest minimum at 2 metres 11.6 °C on 26th.

Lowest maximum at 2 metres 13.5 °C on 20th. Lowest minimum at 2 metres 3.4 °C on 23rd.

Absolute minimum temperature at 5 cms. Above dry soil −0.7 °C on 23rd.

" " " " wet soil +0.5 °C on 23rd & 29th.

" grass −1.6 °C on 23rd.

Table C 1.—AIR TEMPERATURES AT 2 METRES ABOVE GROUND ; ABSOLUTE MINIMUM AIR TEMPERATURES AT 5cms ABOVE GROUND OVER DIFFERENT FIELDS

TAHRIR — FEBRUARY 1962

Date	Air temperature (°C)					Duration in hours to the nearest half hour of air temperature above the following values										
	Max.	Min.	Mean of the day	Night time mean	Day time mean	-5 °C	0 °C	5 °C	10 °C	15 °C	20 °C	25 °C	30 °C	35 °C	40 °C	45 °C
1	18.6	6.8	11.9	11.1	13.5	24.0	24.0	24.0	17.5	6.0	0.0	0.0	0.0	0.0	0.0	0.0
2	23.1	6.0	12.5	9.9	15.5	24.0	24.0	24.0	17.5	7.0	1.5	0.0	0.0	0.0	0.0	0.0
3	18.3	10.0	13.1	12.0	14.5	24.0	24.0	24.0	24.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0
4	18.6	7.8	12.8	11.7	14.8	24.0	24.0	24.0	20.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0
5	16.3	6.5	11.4	9.7	13.2	24.0	24.0	24.0	15.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0
6	16.4	8.6	11.8	10.9	13.3	24.0	24.0	24.0	17.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0
7	17.5	6.7	12.1	9.6	14.1	24.0	24.0	24.0	15.5	6.5	0.0	0.0	0.0	0.0	0.0	0.0
8	17.0	8.2	12.0	11.1	13.4	24.0	24.0	24.0	16.5	5.0	0.0	0.0	0.0	0.0	0.0	0.0
9	19.8	9.4	13.5	12.1	15.6	24.0	24.0	24.0	22.5	8.0	0.0	0.0	0.0	0.0	0.0	0.0
10	19.2	6.1	12.2	9.3	15.1	24.0	24.0	24.0	15.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0
11	19.0	7.5	13.0	10.7	16.0	24.0	24.0	24.0	16.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0
12	19.3	6.8	13.0	10.0	16.0	24.0	24.0	24.0	16.0	9.0	0.0	0·0	0.0	0.0	0.0	0.0
13	19.7	9.8	14.4	11.7	16.7	24.0	24.0	24.0	23.5	11.0	0.0	0.0	0.0	0.0	0.0	0.0
14	25.2	10.2	15.9	14.0	18.6	24.0	24.0	24.0	24.0	10.5	4.5	0.0	0.0	0.0	0.0	0.0
15	23.5	9.0	15.2	12.1	18.3	24.0	24.0	24.0	22.5	10.5	6.0	0.0	0.0	0.0	0.0	0.0
16	22.9	10.9	15.9	13.6	19.3	24.0	24.0	24.0	24.0	10.5	6.5	0.0	0.0	0.0	0.0	0.0
17	16.8	7.4	11.3	11.3	13.0	24.0	24.0	24.0	14.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
18	19.2	9.2	14.2	10.3	15.5	24.0	24.0	24.0	21.5	13.5	0.0	0.0	0.0	0.0	0.0	0.0
19	19.2	7.9	13.3	14.9	14.8	24.0	24.0	24.0	20.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0
20	13.0	6.6	9.3	8.4	10.3	24.0	24.0	24 0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	15.8	8.1	11.2	9.5	13.0	24.0	24.0	24.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	20.2	5.8	12.2	8.7	15.1	24.0	24.0	24.0	14.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0
23	19.7	5.2	12.2	9.3	15.0	24.0	24.0	24.0	18.0	8.5	0.0	0.0	0.0	0.0	0.0	0.0
24	22.8	6.2	13.9	10.6	17.1	24.0	24.0	24.0	17.0	10.0	4.5	0.0	0.0	0.0	0.0	0.0
25	24.6	6.0	14.2	11.1	17.7	24.0	24.0	24.0	16.5	10.0	6.0	0.0	0.0	0.0	0.0	0.0
26	21.1	11.0	15.0	12.9	17.6	24.0	24.0	24.0	24.0	10.5	3.0	0.0	0.0	0.0	0.0	0.0
27	21.1	9.5	14.2	11.9	16.9	24.0	24.0	24.0	23.0	10.0	0.5	0.0	0.0	0.0	0.0	0.0
28	20.8	8.6	14.3	11.5	17.1	24.0	24.0	24.0	20.0	10.5	2.0	0.0	0.0	0.0	0.0	0.0
29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	672.0	672.0	672.0	516.5	210.5	34.5	0.0	0.0	0.0	0.0	0.0
Mean	19.6	7.9	12.1	11.1	15.4	24.0	24.0	24.0	18.4	7.5	1.2	0.0	0.0	0.0	0.0	0.0

Highest maximum at 2 metres 25.2°C on 14th. Highest minimum at 2 metres 11.0°C on 26th.

Lowest maximum at 2 metres 13.0°C on 20th. Lowest minimum at 2 metres 5.2°C on 23rd.

Absolute minimum temperature at 5 cms. above dry soil 3.1 °C on 23rd.

" " " " wet soil — °C on —

" " " " grass — °C on —

Table C 2.—WIND SPEED, (SOLAR + SKY) RADIATION, DURATION OF BRIGHT SUNSHINE, RELATIVE HUMIDITY AND VAPOUR PRESSURE AT 2 METRES ABOVE GROUND, EVAPORATION AND RAINFALL

GIZA—FEBRUARY 1962

Date	Wind speed metres per second			Solar + sky radiation cal. cm²	Duration of bright sunshine in hours			Relative humidity hours of duration		Relative humidity %		Vapour pressure in millimeters		Evaporation in millimeters		Amount of rainfall in millimeters
	Mean of the day	Night time mean	Day time mean		Total actual	Total possible	Percentage %	>90%	>80%	Mean of the day	at 1200 G.T.	Mean of the day	at 1200 G.T.	Piche	Pan class (A)	
1	1.2	0.6	2.0	370	0.0	10.8	00	12	18	93	75	5.9	6.1	1.6	1.10	0.0
2	2.5	0.3	5.5	288	6.1	10.8	56	8	8	66	41	6.4	6.2	14.0	6.89	0.0
3	3.1	3.7	2.3	144	0.2	10.8	30	0	0	61	53	6.5	6.7	6.0	2.29	0.0
4	2.5	1.2	4.4	367	9.1	10.8	84	0	0	62	19	4.2	3.2	13.6	6.31	0.0
5	2.5	2.0	3.1	221	1.9	10.8	18	0	0	47	37	4.6	4.9	8.1	2.67	0.0
6	2.6	1.4	4.2	259	4.5	10.9	41	0	0	52	37	4.2	4.6	10.3	4.40	0.0
7	4.2	2.4	6.5	346	7.2	10.9	66	0	0	68	35	6.3	5.5	14.9	7.00	Tr.
8	4.7	4.6	4.9	377	8.7	10.9	80	0	0	62	42	6.2	6.3	7.6	4.00	0.0
9	1.0	0.3	2.1	279	5.4	11.0	49	0	0	65	47	6.8	6.4	6.3	3.36	0.0
10	2.6	1.8	3.7	393	9.9	11.0	90	0	5	78	49	7.7	7.9	6.2	4.32	0.0
11	2.8	2.2	3.7	370	8.9	11.1	81	9	12	86	54	8.3	8.7	6.7	3.95	0.0
12	3.0	2.0	4.5	373	8.3	11.1	75	2	10	72	51	8.5	8.5	7.4	4.54	0.0
13	2.3	2.1	2.7	275	4.4	11.1	04	0	8	66	49	8.5	8.7	6.9	3.92	0.0
14	2.0	1.3	3.0	78	0.0	11.1	00	0	8	66	39	8.1	7.2	8.8	3.60	0.0
15	1.2	0.8	1.8	338	5.8	11.1	52	0	4	47	22	5.1	4.4	9.0	4.39	0.0
16	1.9	0.9	3.4	414	9.9	11.2	88	0	0	44	20	5.2	4.7	13.7	6.31	0.0
17	3.4	2.2	5.1	411	10.0	11.2	89	0	0	65	36	5.4	4.9	10.5	4.43	0.0
18	2.7	1.4	4.5	385	7.7	11.2	69	0	0	54	41	5.9	6.6	13.7	5.95	0.0
19	4.3	3.4	3.6	238	1.8	11.3	16	0	0	61	50	6.8	7.7	8.8	5.03	0.5
20	3.5	3.0	4.1	283	4.0	11.3	35	2	9	82	72	6.8	7.2	3.2	2.03	2.0
21	2.0	1.2	3.0	242	3.5	11.3	31	3	13	84	60	7.2	6.9	3.6	3.41	Tr.
22	1.1	0.5	1.9	437	9.5	11.3	84	7	9	71	41	6.2	6.2	4.8	3.18	0.0
23	1.2	0.1	2.7	376	8.2	11.4	72	0	7	62	30	5.9	5.0	8.3	4.52	0.0
24	1.3	1.3	1.3	399	9.4	11.4	82	6	9	71	31	7.2	6.5	6.6	3.77	0.0
25	1.3	0.8	1.9	400	8.5	11.4	75	7	8	78	31	8.4	7.6	7.8	3.58	0.0
26	2.8	2.2	3.7	394	9.0	11.4	79	8	10	78	50	9.4	8.6	6.6	5.55	0.0
27	2.6	2.0	3.4	401	10.0	11.5	87	6	9	80	52	9.0	8.8	6.8	4.90	0.0
28	2.1	1.6	2.7	412	9.5	11.5	83	2	6	74	50	8.7	8.4	6.2	4.23	0.0
29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	**9050**	**181.3**	**311.7**	**1656**	**72.0**	**153.0**	—	—	—	—	**228.0**	**119.63**	**2.5**
Mean	2.4	1.7	3.5	323	6.5	11.1	58	2.7	5.5	67	43	6.9	6.7	8.1	4.27	—

Maximum amount of rainfall in one day	2.0	mms.	on	20th.
Lowest value of relative humidity	18	%	on	16th.
Highest value of vapour pressure	10.9	mms.	on	1st.
Lowest value of vapour pressure	3.0	mms.	on	4th.

Table C 2.—WIND SPEED, (SOLAR + SKY) RADIATION, DURATION OF BRIGHT SUNSHINE, RELATIVE HUMIDITY AND VAPOUR PRESSURE AT 2 METRES ABOVE GROUND, EVAPORATION AND RAINFALL

TAHRIR—FEBRUARY 1962

Date	Wind speed metres per second			Solar + sky radiation gm. cal./cm²	Duration of bright sunshine in hours			Relative humidity hours of duration		Relative humidity %		Vapour pressure in millimeters		Evaporation in millimeters		Amount of rainfall in millimeters
	Mean of the day	Night time mean	Day time mean		Total actual	Total possible	Percentage %	>90%	>80%	Mean of the day	at 1200 U.T.	Mean of the day	at 1200 U.T.	Piche	Pan class (A)	
1	1.8	1.7	2.0	199	0.7	10.7	07	15	17	94	65	9.1	9.5	1.6	0.93	0.0
2	4.1	1.4	8.0	281	4.1	10.8	38	8	9	66	43	6.3	6.2	17.4	10.22	0.0
3	4.6	4.9	4.2	205	1.3	10.8	12	0	0	54	40	5.6	5.6	9.8	5.53	0.0
4	4.2	2.3	7.2	348	9.3	10.8	86	0	0	43	20	3.6	2.9	20.0	9.53	0.0
5	3.8	3.7	3.8	185	1.1	10.9	10	0	0	51	42	5.0	5.5	9.1	5.02	0.0
6	4.8	3.0	7.6	314	5.9	10.9	55	0	0	62	39	5.6	5.2	12.4	6.09	0.0
7	6.2	4.0	8.9	268	5.6	10.9	51	0	0	62	43	6.2	6.4	19.5	10.38	tr.
8	7.3	6.8	7.9	281	6.1	10.9	56	0	0	62	50	6.3	6.7	12.8	6.37	tr.
9	3.1	3.0	3.2	289	5.7	11.0	52	0	0	66	49	7.0	7.2	6.9	3.83	0.0
10	2.9	1.8	4.5	342	8.2	11.0	75	0	11	80	49	7.9	7.9	7.8	4.36	0.0
11	3.2	2.2	4.6	343	6.4	11.0	58	7	11	80	54	8.6	8.8	7.4	5.39	0.0
12	3.3	2.0	5.2	329	7.9	11.0	72	4	16	84	55	8.6	9.0	7.3	5.27	0.0
13	3.0	2.2	4.1	256	4.2	11.1	40	0	12	82	61	9.6	10.0	6.1	4.44	0.0
14	4.2	3.2	5.6	101	1.1	11.1	10	0	7	69	26	7.6	5.8	12.7	5.62	0.0
15	2.5	2.3	2.8	308	5.6	11.1	50	0	0	50	20	5.1	4.1	11.1	6.91	0.0
16	2.9	2.2	3.9	397	10.7	11.1	96	0	0	46	34	5.8	6.7	14.3	9.25	0.0
17	6.8	5.2	8.6	402	10.1	11.2	90	0	0	70	46	6.1	6.1	13.8	7.71	0.0
18	5.4	3.8	7·4	336	5.5	11.2	49	0	0	49	44	6.2	7.1	21.2	11.86	0.0
19	7.8	7.0	9.0	247	1.9	11.2	17	0	4	60	67	7.0	8.6	9.5	5.48	1.4
20	6.1	5.6	6.6	267	5.6	11.2	50	0	12	76	66	6.7	7.0	4.8	4.06	2.2
21	4.2	3.8	4.7	243	4.3	11.3	38	1	12	78	62	7.4	7.6	5.8	3.a9	0.0
22	2.5	2.1	3.1	412	10.7	11.3	95	4	10	71	37	6.6	5.7	6.4	5.65	0.0
23	2.1	1.1	3.6	344	8.5	11.3	75	6	10	70	40	6.8	6·2	6.9	5.25	0.0
24	2.3	2.0	2.8	380	10.0	11.4	78	9	12	80	38	8.1	7.1	6.1	4.77	0.0
25	1.9	1.3	2.6	364	8.4	11.4	74	10	15	88	27	8.0	5.5	6.1	5.12	0.0
26	3.0	2.3	4.1	367	8.9	11.4	78	—	—	87	51	9.8	9.2	6.6	5.55	0.0
27	2.8	2.1	3.8	358	9.9	11.5	86	7	14	85	52	9.2	8.8	6.2	3.25	0.0
28	2.3	1.7	3.2	408	10.1	11.5	88	5	12	79	50	8.9	8.6	5.5	4.82	0.0
29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	857.4	178.0	311.0	—	76	178	—	—	—	—	275.1	163.76	3.6
Mean	3.9	3.0	5.1	306.2	6.4	11.1	57	2.8	6.6	69	45	7.1	7.0	9.8	5.82	—

Maximum amount of rainfall in one day	2.2	mms.	on 20th
Lowest value of relative humidity	18	%	on 4th
Highest value of vapour pressure	10.8	mms.	on 26th
Lowest value of vapour pressure	2.5	mms.	on 4th

Table C 3.—EXTREME SOIL TEMPERATURES AT DIFFERENT DEPTHS IN DIFFERENT FIELDS

GIZA — FEBRUARY 1962

Depth in Cms.	Dry soil		Wet soil		Grass	
	Highest °C	Lowest °C	Highest °C	Lowest °C	Highest °C	Lowest °C
0.3	42.0	1.2	27.7	3.2	23.5	5.7
1	38.0	3.6	25.3	4.3	21.5	6.3
2	35.6	4.4	23.3	4.5	19.7	6.5
5	25.3	7.5	22.6	6.5	17.8	8.0
10	21.4	11.4	21.3	8.3	16.5	9.8
20	19.3	15.2	18.9	10.2	15.5	12.0
50	19.0	17.2	15.2	12.8	15.4	13.8
100	19.9	19.4	15.9	15.2	16.7	16.1
200	22.8	21.8	18.6	17.7	19.9	19.1
300	24.5	23.7	—	—	—	—

Table C 3.—EXTREME SOIL TEMPERATURES AT DIFFERENT DEPTHS IN DIFFERENT FIELDS

TAHRIR — FEBRUARY 1962

Depth in Cms.	Dry soil		Wet soil		Crass	
	Highest °C	Lowest °C	Highest °C	Lowest °C	Highest °C	Lowest °C
0.3	34.8	5.0	—	—	—	—
1	33.4	5.0	—	—	—	—
2	32.7	5.1	—	—	—	—
5	27.2	6.3	—	—	—	—
10	24.1	7.9	—	—	—	—
20	20.6	10.4	—	—	—	—
50	17.3	13.7	—	—	—	—
100	17.4	16.4	—	—	—	—
200	20.0	18.9	—	—	—	—
300	21.4	20.5	—	—	—	—
600	24.7	24.3	—	—	—	—

Table C 4 — NUMBER OF DAYS OF SURFACE WIND SPEED AT 10 METRES REACHING SPECIFIED LIMITS OF VELOCITY FOR AT LEAST 5 MINUTES

GIZA — FEBRUARY 1962

10	Knots	or	more	25	Days	30	Knots	or	more	0	Days
15	,,	,,	,,	15	,,	35	,,	,,	,,	0	,,
20	,,	,,	,,	4	,,	40	,,	,,	,,	0	,,
5	,,	,,	,,	1	,,	The highest gust 31 knots on 20th					

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MONTHLY WEATHER REPORT

VOLUME 5 NUMBER 3

MARCH, 1962

U.D.C. 551, 506,1 (62)

MINISTRY OF SCIENTIFIC RESEARCH—METEOROLOGICAL DEPARTMENT
CAIRO

PUBLICATIONS OF THE METEOROLOGICAL DEPARTMENT OF THE UNITED ARAB REPUBLIC — CAIRO

In fulfilment of its duties as the National Meteorological service for the U.A.R., the Meteorological Department issues several reports and publications on weather, climate and agrometeorology. The principal publications are described on this page.

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It also contains two surface synoptic charts at 00 and 12 U.T. and two upper air charts for the standard isobaric surfaces 700 & 500 mbs. at both 00 and 12 U.T.

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UNITED ARAB REPUBLIC

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MINISTRY OF SCIENTIFIC RESEARCH – METEOROLOGICAL DEPARTMENT
CAIRO

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Note.—For explanatory notes on the tables, please refer to volume 5 number 1 (January 1962).

GENERAL SUMMARY OF WEATHER CONDITIONS

MARCH 1962

Abnormal Khamsin weather, much changeable in temperature, characterized with many heat waves separated with consecutive dusty and rather cold short periods.

THE MAIN FEATURES

— Abnormally high maximum temperatures in general most days of the month. Excessive hot weather over Upper Egypt district most of the last ten days of the month.

— Subnormal monthly rainfall in all districts of the Republic. Light showers over few scattered localities.

— Subnormal atmospheric pressure over all districts the whole month. Eight Khamsin transits through the northern and middle districts of the Republic from the west to the east.

— Widespread local rising sand or dust and duststorms or sandstorms on the 7th, 15th, 16th & 23rd.

— Early morning mist patches over few scattered localities in Delta, Canal Zone and Cairo areas.

GENERAL DESCRIPTION OF WEATHER

The prevailing Khamsin weather over the Republic was particularly abnormal. Eight Khamsin disturbances traversed the northern and middle districts from the west to the east. Light / moderate Ely to Sly winds blew in advance of these desert depressions, fresh / strong Sly and Swly winds during their transits and moderate/ fresh Wly & Nwly winds prevailed in their rear. Dusty weather associated their transits while short periods of cold dry weather prevailed in their rear. Maximum temperature oscillated remarkably above its normal most days of the month, though its departures were excessive in particular on the 7th, 15th & 22nd. On the 7th as an example, maximum temperature reached 36°C at Mersa Matruh, 34°C at Alexandria, 35°C at Cairo, 36°C at Minya, & 38°C at Aswan, i.e. 16°C, 14°C, 12°C, 12°C & 9°C above normal in each respectively.

The monthly mean values of various meteorological elements for different districts and their deviations from their corresponding normals are given in the following table :

District	Atmospheric pressure (mb.) Corrected to M.S.L.		Air temperature (°C)						Relative humidity (%)		Total rainfall (mms)	
			Maximum (A)		Minimum (B)		(A+B)/2					
	Mean	Deviation from normal	Mean	Deviation from normal	Mean	Deviation from normal	Mean	Deviation from normal	Mean	Deviation from normal	Mean	Deviation from normal
Mediterranean	1012.6	— 2.7	22.8	+ 2.3	12.4	+ 1.6	17.6	+ 2.0	62	— 5	0.7	—10.7
Lower Egypt	1013.6	— 1.8	25.1	+ 1.8	10.6	+ 1.6	17.8	+ 1.7	57	— 11	0.0	— 5.5
Cairo Area	1013.0	— 2.5	26.8	+ 3.1	13.1	+ 2.7	20.0	+ 2.9	41	— 14	0.0	— 3.0
Upper Egypt	1012.0	— 2.4	30.8	+ 3.5	12.1	+ 2.0	21.4	+ 2.8	31	— 9	0.0	— 0.5
Western Desert	1011.8	— 3.9	30.9	+ 4.7	11.2	+ 1.7	21.0	+ 3.2	26	— 13	0.0	— 0.1
Red Sea	1011.7	— 2.1	26.1	+ 2.2	15.3	+ 1.6	20.7	+ 1.9	51	— 3	0.0	— 1.2

Note. The above monthly district means for atmospheric pressure and relative humidity are computed from the corresponding means for all stations that take daily 24 hourly observations in each district

PRESSURE DISTRIBUTION

The most outstanding feature of the pressure distribution over the surface map this month is the large abnormal number of Khamsin disturbances that traversed the northern and middle districts of the Republic from the west to the east. Eight of these desert disturbances were marked this month; they originated at the south troughs of the Mediterranean secondary depressions as their shallow secondaries.

During this month, eight secondary depressions developed over the Meidterranean Sea and its northern vicinities, especially four over Central Mediterranean region round the 1st, 13th, 21st & 25th; three over West Mediterranean region round the 4th, 9th & 17th and one over Greece, Balkans & Italy.

The secondary depressions over Central Mediterranean were appreciably deep and of large vertical structure. They extended aloft up to more than 500 mb level, proceeded eastwards up till Asia Minor, then diverted rapidly northeastwards towards the Black Sea. Their shallow secondaries originated over Gulf of Serte, proceeded similarly eastwards through Cyrenica, Western Desert of U.A.R. and traversed its northern and middle districts round the 3rd, 15th, 23rd & 26th respectively.

The secondary depressions of the West Mediterranean origin were also appreciably deep and were reflected aloft up to more than 500 mb. level. Their shallow secondaries over North Africa appeared over Tunisia & Algiers Desert in their extended southern troughs. These West Mediterranean deep depressions followed a southeast track up till Central Mediterranean then proceeded eastwards till Asia Minor and then diverted northeastwards towards the Black Sea. Their shallow desert secondaries proceeded from the Sahara of Tunisia & Algiers southeastwards till the Gulf of Serte, then proceeded eastwards through Cyrenica, West Desert of U.A.R. and traversed the northern and middle districts of U.A.R. round the 7th, 13th & 19th.

The last secondary Mediterranean depression this month developed on the 28 th and occupied the northern vicinities of Central Mediterranean. It showed no upper reflection and was more or less confined to the surface layers. It followed a southeast track up till Iraq; then it started northeastwards towards the Caspian Sea. A shallow secondary approached at its southern trough over the Gulf of Serte, it proceeded southeastwards too and traversed the middle and southern districts of the Republic on the 29th.

Accordingly the barometric pressure over the U.A.R. oscillated below its normal the whole month and its departure ranged between 4 & 12 mbs.

SURFACE WIND

The prevailing winds were light/moderate. Sly & SWly during periods (1st–3rd), (5th – 7th), (12th – 16th) & (21st – 23rd) and NWly to Nly otherwise. Prevailing winds were fresh/strong for short intervals in association with and at the rear of cold fronts transits over scattered localities of the Republic.

Winds reached gale force at : Sallum on the 14th, 15th, 16th , 21st & 22nd; Mersa Matruh on the 7th & 15th; Ras El Hikma, Dabaa & Alexandria on the 15th; Port Said on the 8th; Inshas, Fayed, Kabrit, Cairo, Almaza & Mostafa Helmi on the 15th; Siwa & Farafra on the 14th & 15th; Bahariya on the 15th and at Hurghada on the 27th & 31st.

TEMPERATURE

Maximum temperature oscillated above its normal most of this month over all districts of the Republic and its values ranged between 17°C & 27°C over the Mediterranean coastal district; between 20°C & 30°C over the mid inland districts and between 28°C & 38°C over the far inland districts. It attained pronounced values in particular during the crests of the prevailing hot spells or heat waves. The absolute maximum temperature for the Republic was 45.9°C reported at Kharga on the 25th.

Minimum temperature was similarly much changeable and continued generally round its normal over the northern and southern districts of the Republic where its values ranged between 8°C & 15°C and between 11°C & 22°C respectively. Over the middle districts it continued above its normal and its values ranged between 12°C & 17°C. The absolute minimum temperature for the Republic was 2.5°C reported at Dakhla on the 18h.

PRECIPITATION

This month was almost dry with the exception of light scattered showers over few scattered localities.

The monthly rainfall was almost subnormal, its absolute value for the Republic was 9.0 mms. reported at Fuka. The maximum daily rainfall was 3.5 mms reported at Fuka on the 9th.

MISCELLANEOUS WEATHER PHENOMENA

Rain fell at : Sallum on the 29th; Alexandria on the 16th and at Abu Sueir & Mostafa Helmi on the 3rd.

Mist patches developed at : Mersa Matruh on the 5th; Ras El Hikma & Dekheila on the 6th; Alexandria on the 5th & 18th; Port Said on the 7th, 22nd & 28th; El Arish on the 2nd, 18th & 24th ; Ghazza on the 16th & 24th; Tahrir on the (2nd-4th), 7th, 12th, 18th, 21st, 25th & 26th; Shebin El Kom on the 2nd, 4th, 7th, 14th & 26th, Abu Sueir on the 1st, 2nd, 4th, 5th, 14th, 21st & 31st. Zaher on the 5th & 6th; Wadi El Natrun on the 14th; Inshas on the 2nd, 5th, 6th, 14th, 26th 31 st; Fayed on the 6th; Kabrit on the 6th, & 31st ; Cairo on the 5 th, 10th, 14th, 26th & 30th; Mostafa Helmi on the 4th, 5th, 14th, & 31st; Almaza on the 5th & 14th; Abbasiya on the 5th, 6th, 10th & 14th; Imbaba on the 4th ; Giza on the 1st, 2nd, 5th & 6th; Abu Redes on the 14th; Tor on the 6th & 14th and at Quseir on the 15 th.

Fog patches developed at : Sidi Barrani & Mersa Matruh on the 25th; Alexandria on the 1st, 6th, 14th & 25th; El Arish & Ghazza on the 6th & 25th; Tahrir on the 1st & 14th; Abu sueir & Cairo on the 6th; Mostafa Helmi on the 6th & 25th; Almaza on the 6th; Beni Suef on the 14th and at Hurghada on the 13th & 14th.

Local rising sand or dust was reported at : Sallum on the 2nd, 7th, 16th, 18th, 21st & 22nd; Sidi Barrani on the 15th, 17th & (20th–22nd); Mersa Matruh on the 7th, 15th & 22nd; Ras El Hikma on the 3rd, 7th, 15th, 22nd, 23rd & 26th; Dabaa on the 7th, 15th & 22nd; Dekheila on the 16th; Alexandria on the 7th , 15th, 16th & 23rd Balteam on the 15th, 22nd, 23rd & 26th; Damietta on the 15th; Port Said on the 7th, 8th, 13th , (15th - 17th) 23rd & 24th; El Arish on the 8th, 15th, 16th, 22nd, 23rd & 30th; Ghazza on the 10th,16th, 22nd & 23rd; Mansoura on the 13th, 16th & 23rd; Tanta on the 15 th; Tahrir on the 7th, 15th & 26th; Shebin El Kom on the 15th; Abu Sueir on the 7th. 8th, 13th, 15th, 16th, 19th, 23rd, 24th, 26th & 30th; Zaher on the 7th, 13th, (15th – 17th), 19th, 23rd & 26th; Wadi El Natrun on the 7th, 15th & 26th; Inshas on the 3rd, 7th, 13th, 15th, 17th, 22nd, 23rd, 25th, 26th, 30th; Fayed on the 7th, 13th, 15th, 16th, 19th, 23rd & 26th; Kabrit on the 13th, 15th, 16th, 22nd & 23rd; Cairo on the 3rd, 7th, 8th, 13th, 15th, 16th, 19th (23rd–25th); Mostafa Helmi on the 3rd 7th 8th, 13th, (15th, 17th), (21st–24th), 26th & 30th; Almaza on the 7th, 8th, 13th, 15th, 16th, 19th, 23rd, 25th & 26th; Abbasiya on the 7th, 13th, 15th, 16th & 22nd ; Imbaba on the 15th, 16th & 23rd; Giza on the 15th & 16th; Helwan on the 15th; Beni Suef on the 7th, 13th, 15th, 16th, 26th, 29th & 30th; Minya on the 7th, 15th, 16th & 30th; Asyout on the 7th, 15th, 16th & 20th; Luxor on the 8th; Aswan on the 8th, 16th, 17th, 26th, 27th & 31st; Siwa on the 2nd, 7th, 12th, 14th, 15th, 16th, 18th & (21st-24th); Bahariya on the 3rd, 7th, 13th, 15th & 16th; Farafra on the 7th, 12th, 15th, 16th, 24th, 26th, 29th & 30th; Dakhla on the 7th, 15th, 16th & 26th; Kharga on the 7th, 8th, 15th, 16th, 26th, 27th & 31st ; Abu Redes on the 7th, 8th, 10th, (15th–17th), 24th & 31st; Tor on the 7th, 8th, 10th, 11th, 16th, 17th, 27th, 28th & 31st; Hurghada on the 16th & 28th and at Quseir on the 8th, 16th, 17th, 27th, 28th & 31st.

Sand or duststorms blew over : Sallum on the 14th, 15th, 21st & 22nd; Sidi Barrani on the 15th, 21st & 22nd; Mersa Matruh, Ras El Hikma & Dabaa on the 15th; Dekheila & Alexandria on the 15th & 16th; Balteam on the 15th; Port Said on the 15th & 16th ; Tahrir, Abu Sueir, Inshas, Fayed & Cairo on the 15th; Mostafa Helmi on the 7th & 15th; Almaza on the 15th; Fayoum on the 3rd & 15th; Minya on the 15th; Asyout on the 7th, 15th & 26th; Luxor on the 16th; Siwa on th 7th, 14th, 15th & 22nd; Bahariya on the 15th; Farafra on the 7th, 15th, 16th & 26th; Dakhla on the 15th; Kharga on the 15th & 16th; Hurghada on the 16th and over Quseir on the 8th & 16th.

Cairo 18 / 10 / 1970

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Director General
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Table A 1.—MONTHLY MEAN VALUES OF ATMOSPHERIC PRESSURE AT FIXED HOURS CORRECTED TO "Hp" AND TO MEAN SEA LEVEL

MARCH 1962

District	Station	Altitude of Hp (metres)	Station Pressure (mb.) (corrected to Hp.) 0000 U.T. Mean	0000 U.T. Dev. from normal	0600 U.T. Mean	0600 U.T. Dev. from normal	1200 U.T. Mean	1200 U.T. Dev. from normal	1800 U.T. mean	1800 U.T. Dev. from normal	Altitude of the barometer cistern (metres)	Mean Sea Level Pressure (mb) (corrected to M.S.L.) 0000 U.T. Mean	0000 U.T. Dev. from normal	0600 U.T. Mean	0600 U.T. Dev. from normal	1200 U.T. Mean	1200 U.T. Dev. from normal	1800 U.T. Mean	1800 U.T. Dev. from normal
Mediterranean	Sallum	6.0	1011.6	— 2.6	1012.0	— 3.1	1011.2	— 3.0	1011.7	—2.8	5.2	1012.1	— 2.6	1012.5	— 3.1	1011.7	— 3.0	1012.2	— 2.8
	Sidi Barrani	23.3	1008.1	— 4.1	1008.7	— 3.7	1008.0	— 4.0	1008.5	— 3.5	23.3	1010.9	— 4.1	1011.5	— 3.7	1010.8	— 4.0	1011.3	— 3.5
	Mersa Matruh (A)	30.0	1009.3	— 2.4	1009.6	— 2.3	1008.9	— 2.6	1009.3	— 2.6	30.0	1013.0	— 2.4	1013.3	— 2.3	1012.6	— 2.6	1013.0	— 2.6
	Ras El Hikma	45.8	1006.8	—	1007.5	—	1006.6	—	1007.0	—	45.8	1012.4	—	1013.1	—	1012.1	—	1012.5	—
	Dabaa	18.0	1009.7	—	1010.2	—	1009.3	—	1010.0	—	17.8	1011.7	—	1012.2	—	1011.3	—	1012.0	—
	Dekheila (A)	6.0	1012.9	—	1013.5	—	1012.5	—	1012.8	—	5.9	1013.5	—	1014.1	—	1013.1	—	1013.4	—
	Alexandria (A)	7.0	1012.3	— 2.1	1013.0	— 1.9	1012.0	— 2.3	1012.5	— 2.2	6.8	1013.1	— 2.1	1013.8	— 1.9	1012.8	— 2.3	1013.3	— 2.2
	Balteam	2.2	1013.2	—	1014.0	—	1012.7	—	1013.4	—	2.2	1013.4	—	1014.2	—	1012.9	—	1013.6	—
	Damietta	3.8	1013.0	—	1013.5	— 1.7	1012.6	— 2.1	1012.9	— 2.3	3.8	1013.4	—	1013.9	— 1.7	1013.0	— 2.1	1013.3	— 2.3
	Port Said (A)	6.1	1012.3	— 2.2	1013.1	— 1.9	1012.2	— 2.1	1012.4	— 2.3	6.1	1013.0	— 2.2	1013.8	— 1.9	1012.9	— 2.1	1013.1	— 2.3
	El Arish	17.1	1011.6	— 1.3	1012.6	— 1.4	1011.3	— 1.9	1011.8	— 2.0	17.1	1013.5	— 1.3	1014.5	— 1.4	1013.2	— 1.9	1013.7	— 2.0
	Ghazza	15.7	1011.7	—	1012.7	—	1011.5	—	1011.9	—	15.7	1013.6	—	1014.6	—	1013.4	—	1013.8	—
Lower Egypt	Mansoura	4.9	1013.7	—	1014.2	—0.5	1012.4	— 1.4	1013.2	— 1.5	3.6	1014.1	—	1014.6	— 0.5	1012.8	— 1.4	1013.6	— 1.5
	Damanhour	6.7	1013.9	—	1013.8	—1.8	1013.1	— 1.1	1013.2	— 2.3	6.7	1014.6	—	1014.3	— 1.8	1013.7	— 1.2	1013.9	— 2.3
	Gimmeiza	8.9	—	—	1013.5	—	1012.1	—	1012.3	—	8.9	—	—	1014.5	—	1013.1	—	1013.3	—
	Tanta	14.8	1011.6	—	1012.2	—2.7	1010.7	— 2.7	1011.8	— 2.5	15.4	1013.3	—	1013.9	— 2.7	1012.4	— 2.7	1013.5	— 2.5
	Tahrir	17.8	1011.0	—	1011.7	—	1010.1	—	1010.9	—	18.6	1013.2	—	1013.9	—	1012.3	—	1013.1	—
	Shebin El Kom	13.1	1011.7	—	1012.6	— 2.1	1010.9	— 2.6	1011.7	— 2.7	13.8	1013.2	—	1014.1	— 2.1	1012.4	— 2.6	1013.2	— 2.7
	Zagazig	13.0	1011.9	—	1012.7	— 2.1	1011.3	— 2.1	1012.0	— 2.3	13.0	1013.5	—	1014.3	— 2.1	1012.9	— 2.1	1013.6	— 2.3
	Abu Sueir (A)	16.0	1011.9	—	1012.8	—	1010.9	—	1011.9	—	16.0	1013.9	—	1014.7	—	1012.8	—	1013.8	—
	Zaher (A)	23.5	1008.8	—	1009.6	—	1008.1	—	1008.6	—	23.5	1012.5	—	1013.3	—	1011.7	—	1012.2	—
	Wadi El Natrun	0.9	1013.9	—	1014.6	— 0.9	1012.9	— 0.9	1013.9	— 1.0	0.9	1014.0	—	1014.7	— 0.9	1013.0	— 0.9	1014.0	— 1.0
	Inshas	25.5	1009.0	—	1009.7	—	1008.2	—	1008.9	—	25.6	1012.1	—	1012.8	—	1011.2	—	1012.0	—
	Fayed (A)	35.0	1011.5	—	1012.2	—	1010.3	—	1011.1	—	35.0	1014.1	—	1014.7	—	1012.8	—	1013.5	—
	Kabrit (A)	4.9	1011.9	—	1013.2	—	1011.0	—	1011.7	—	4.8	1013.3	—	1014.4	—	1012.4	—	1013.0	—

Table A 1 (*contd.*).—MONTHLY MEAN VALUES OF ATMOSPHERIC PRESSURE AT FIXED HOURS CORRECTED TO "Hp" AND TO MEAN SEA LEVEL.

MARCH 1962

District	Station	Altitude of Hp (metres)	Station Pressure (mb.) (corrected to Hp.)								Altitude of the barometer cistern (metres)	Mean Sea Level Pressure (mb) (corrected to M.S.L.)							
			0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.			0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.	
			Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal		Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal
Cairo Area	Cairo (A)	74.5	1005.2	— 2.5	1006.1	— 2.1	1004.6	— 2.6	1005.2	— 2.6	74.0	1013.0	— 2.6	1013.9	— 2.2	1012.1	— 2.7	1012.9	— 2.6
	Mostafa Helmi (A)	164.0	993.9	—	994.2	—	993.0	—	993.6	—	164.0	1013.3	—	1013.6	—	1011.8	—	1012.7	—
	Almaza)A)	78.5	1003.5	— 2.4	1004.2	— 2.3	1002.7	— 2.5	1003.4	— 2.4	78.6	1012.8	— 2.6	1013.6	— 2.4	1011.7	— 2.7	1012.6	— 2.7
	Abbasiya (H.Q.)	26.4	1010.7	—	1011.6	—	1009.9	—	1010.5	—	26.4	1012.9	—	1013.8	—	1012.0	—	1012.6	—
	Imbaba (A)	19.0	1010.9	—	1011.8	—	1010.0	—	1010.6	—	19.0	1013.0	—	1013.9	—	1012.1	—	1012.7	—
	Giza	22.5	1010.2	—	1011.0	— 2.6	1009.5	— 2.7	1009.9	— 3.1	22.5	1013.0	—	1013.8	— 2.6	1012.2	— 2.8	1012.7	— 3.1
	Helwan	14.7	996.3	—	997.1	— 2.4	995.7	— 2.2	996.1	— 5.2	140.7	1013.3	—	1014.1	— 2.6	1012.2	— 2.4	1012.9	— 2.6
Upper Egypt	Fayoum	23.3	1010.2	—	1011.2	— 2.0	1009.3	— 1.9	1009.8	— 2.0	23.3	1013.2	—	1014.2	— 2.0	1012.2	— 1.9	1012.7	— 2.1
	Beni Suef	30.4	1009.2	—	1010.2	— 2.4	1008.4	— 2.3	1008.8	2.3	30.0	1012.8	—	1013.8	— 2.3	1011.8	— 2.3	1012.3	— 2.3
	Minya (A)	40.5	1007.4	— 3.3	1008.6	— 3.0	1006.8	— 3.1	1006.9	— 3.0	40.3	1012.3	— 3.3	1013.5	—	1011.4	—	1011.7	—
	Mangabad (A)	9·69	1004.5	— 1.5	1005.6	— 2.5	1003.7	— 2.2	1004.1	— 1.7	69.5	1012.8	— 1.6	1013.9	— 2.6	1011.6	— 2.4	1012.2	— 1.8
	Nag Hammadi	70.6	—	—	1004.4	— 4.3	1001.7	— 4.1	1002.0	— 4.	70.5	—	—	1012.6	— 4.5	1009.7	— 4.3	1010.2	— 4.4
	Kena	74.2	1003.9	—	1005.1	— 1.7	1002.8	— 1.2	1002.9	1.9	74.2	1013.3	—	1013.8	— 1.6	1011.2	— 1.2	1011.4	— 2.0
	Luxor (A)	88.5	1001.1	—1.7	1002.7	— 2.7	1000.2	— 2.7	1000.2	— 3.2	88.4	1011.4	— 1.9	1013.0	— 2.8	1010.2	— 2.7	1010.4	— 3.2
	Kom Ombo	102.6	998.9	—	1000.8	—	998.2	—	998.4	—	102.6	1011.0	—	1012.8	—	1009.7	—	1010.2	—
	Aswan (A)	193.5	987.9	—	989·6	— 2.2	987.3	— 1.8	987.4	— 2.5	193.5	1010.5	—	1012.1	— 2.3	1008.8	— 1.8	1009.4	— 2.6
Western Desert	Siwa	—13.5	1013.8	— 3.9	1014.9	— 3.7	1013.4	— 3.7	1013.1	— 3.8	—13.3	1012.1	— 3.9	1013.2	— 3.7	1011.8	— 3.7	1011.5	— 3.8
	Bahariya	129.5	997.1	— 2.8	998.2	— 2.7	996.6	— 2.8	996.8	— 2.7	129.6	1012.6	— 2.9	1013.8	— 2.7	1011.5	— 2.8	1012.0	— 2.7
	Farafra	91.8	1002.1	— 2.4	1003.0	— 2.4	1001.6	— 2.1	1001.5	— 2.4	92.1	1013.1	— 2.4	1014.2	— 2.3	1012.2	— 2.1	1012.3	— 2.4
	Dakhla	111.5	997.2	—	998.7	— 3.5	996.5	— 3.7	996.4	— 4.4	111.5	1010.4	—	1011.9	— 3.6	1009.0	— 4.0	1009.3	— 4.5
	Kharga	78.7	1003.0	—	1004.2	— 4.1	1002.2	— 4.4	1002.2	— 4.5	78.7	1011.4	—	1012.6	— 4.2	1010.1	— 4.6	1010.4	— 4.7
Red Sea	Suez	11.0	1012.6	—	1013.2	— 1.1	1011.6	— 1.9	1012.0	— 1.6	12.2	1013.8	—	1014.4	— 1.1	1012.8	— 1.9	1013.1	— 1.7
	Abu Redes	4.0	1011.2	—	1012.9	—	1011.1	—	1011.3	—	4.0	1011.6	—	1013.3	—	1011.5	—	1011.7	—
	Tor	4.2	1011.2	—	1012.4	— 2.6	1010.8	— 2.8	1011.0	— 2.6	4.2	1011.6	—	1012.7	— 2.7	1011.2	— 2.8	1011.4	— 2.6
	Hurghada	2.8	1011.4	— 1.0	1012.7	— 1.6	1011.1	— 1.5	1011.3	— 1.6	2.8	1011.6	— 0.9	1012.9	— 1.6	1011.3	— 1.5	1011.5	— 1.6
	Quseir	11.3	1010.0	—	1011.5	— 2.3	1010.3	— 2.5	1010.5	2.3	11.3	1011.0	—	1012.5	— 2.3	1011.3	— 2.5	1011.5	— 2.3
	Abul Kizan	5.0	1011.4	—	1012.3	—	1011.2	—	1011.2	—	5.0	1011.9	—	1012.8	—	1011.8	—	1011.8	—

Table A 2.—MONTHLY MEAN VALUES OF THE DRY BULB AND WET BULB TEMPERATURES, AND THE RELATIVE HUMIDITY AT FIXED HOURS

MARCH 1962

District	Station	Dry bulb temperature (°C)								Wet bulb temperature (°C)								Relative humidity %							
		0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.		0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.		0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.	
		Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal
Mediterranean	Sallum	15.5	—	15.5	+ 1.0	21.7	+ 1.9	17.3	— 1.4	11.7	—	11.6	+ 0.5	14.2	+ 0.5	13.4	+ 1.2	60	—	59	— 4	39	— 8	62	0
	Sidi Barrani	14.1	+ 1.7	14.9	+ 1.5	20.7	+ 2.3	16.5	+ 1.5	11.4	+ 1.8	12.0	+ 1.6	14.5	+ 1.3	13.2	+ 1.4	70	+ 2	69	+ 3	47	— 5	67	+ 1
	Mersa Matruh (A)	13.7	+ 1.7	15.1	+ 1.1	21.0	+ 2.3	16.3	+ 1.5	11.1	+ 1.4	11.6	+ 0.7	13.9	+ 0.6	12.8	— 0.1	71	— 2	63	— 3	41	—10	64	— 5
	Ras El Hikma	14.8	—	15.7	—	18.6	—	16.2	—	12.7	—	12.9	—	14.7	—	13.8	—	77	—	70	—	63	—	75	—
	Dabaa	13.3	—	14.6	+ 0.7	21.4	+ 2.8	16.4	+ 1.6	10.9	—	11.4	+ 0.4	14.4	+ 1.4	13.0	+ 1.2	73	—	65	— 3	42	— 7	66	— 2
	Dekheila (A)	15.1	—	15.6	—	22.0	—	17.6	—	11.9	—	12.3	—	14.9	—	13.6	—	66	—	65	—	42	—	61	—
	Alexandria (A)	14.1	+ 0.9	15.7	+ 0.7	23.0	+ 3.3	16.5	+ 1.5	12.1	+ 0.8	13.1	+ 0.8	15.7	+ 1.5	13.7	+ 1.2	78	0	73	+ 2	42	— 9	71	— 2
	Balteam	15.9	—	17.3	—	21.3	—	16.7	—	13.2	—	13.8	—	15.7	—	13.9	—	72	—	66	—	53	—	71	—
	Damietta	15.0	—	16.3	+ 0.5	22.6	+ 4.1	16.7	+ 1.5	13.1	—	13.8	+ 0.5	16.7	+ 2.6	14.1	+ 1.0	80	—	74	0	52	— 7	73	— 4
	Port Said (A)	16.2	+ 1.3	16.8	+ 1.1	19.6	+ 0.8	17.5	+ 1.2	13.9	+ 1.1	14.0	+ 1.0	15.5	+ 1.0	14.3	+ 0.7	76	— 1	72	0	62	+ 2	68	— 4
	El Arish	14.1	+ 1.5	16.8	+ 1.1	21.8	+ 2.6	17.3	+ 1.4	12.1	+ 1.4	13.3	+ 0.7	16.0	+ 1.3	14.4	+ 1.2	78	0	65	— 2	51	— 8	71	— 1
	Ghazza	15.0	—	16.4	—	19.6	—	17.6	—	12.5	—	13.1	—	15.6	—	14.3	—	73	—	67	—	63	—	68	—
Lower Egypt	El Sirw	14.7	—	17.6	+ 2.0	21.3	+ 1.2	16.7	+ 1.5	—	—	14.6	+ 1.4	16.4	+ 0.6	14.3	+ 1.2	—	—	70	— 5	58	— 3	75	— 2
	Sakha	12.7	—	15.9	+ 2.0	23.5	+ 1.5	15.7	+ 2.5	—	—	13.5	+ 1.3	17.5	+ 2.1	13.2	+ 2.6	—	—	75	— 6	52	+ 5	74	— 8
	Mansoura	11.5	—	15.7	+ 1.5	24.4	+ 3.3	15.4	+ 0.9	10.6	—	13.3	+ 1.4	16.7	+ 2.5	13.3	1.6	89	—	75	0	42	0	78	+ 8
	Damanhour	13.6	—	15.5	+ 1.3	23.7	+ 3.4	16.0	+ 2.1	—	—	13.3	+ 1.3	16.0	+ 1.8	13.2	+ 1.6	—	—	77	+ 1	40	— 7	71	— 3
	Gimmeiza	—	—	16.5	+ 2.6	25.3	+ 3.4	16.3	+ 2.7	—	—	13.7	+ 1.4	17.8	+ 2.0	14.3	+ 2.1	—	—	71	—11	45	— 5	79	— 5
	Tanta	12.7	—	14.9	+ 0.9	24.9	+ 2.5	16.2	+ 1.7	9.9	—	12.2	+ 0.2	16.9	+ 1.5	13.1	+ 1.0	68	—	71	— 7	40	— 4	68	— 6
	Tahrir	13.5	—	15.1	—	25.0	—	17.8	—	11.4	—	12.2	—	15.0	—	13.5	—	76	—	69	—	28	—	59	—
	Shebin El Kom	12.6	—	13.8	+ 0.5	25.4	+ 2.9	16.9	+ 2.1	10.6	—	11.6	+ 0.6	17.4	+ 2.8	13.5	+ 1.8	77	—	76	+ 2	41	+ 3	66	— 1
	Zagazig	15.7	—	15.2	+ 0.6	25.0	+ 2.4	18.2	+ 3.1	—	—	12.3	— 0.1	16.6	+ 0.8	14.4	+ 1.8	—	—	69	— 7	38	— 7	63	—10
	Abu Suelr (A)	14.4	—	16.2	—	25.7	—	18.7	—	11.4	—	12.6	—	14.8	—	13.2	—	67	—	63	—	25	—	50	—
	Zaher (A)	14.5	—	16.2	—	25.5	—	19.1	—	11.9	—	12.6	—	15.9	—	14.2	—	72	—	63	—	31	—	55	—
	Wadi El Natrun	14.5	—	16.0	+ 1.8	26.5	+ 3.5	19.3	+ 1.6	11.2	—	12.2	+ 1.0	15.0	+ 0.9	13.2	— 0.5	64	—	61	— 6	22	—10	46	— 7
	Inshas	14.4	—	15.7	—	25.4	—	18.7	—	11.2	—	11.7	—	15.8	—	13.6	—	65	—	59	—	31	—	53	—
	Fayed (A)	14.8	—	17.8	—	26.2	—	19.5	—	11.3	—	13.3	—	15.6	—	13.8	—	63	—	57	—	27	—	49	—
	Kabrit (A)	14.7	—	16.5	—	25.5	—	19.0	—	11.3	—	12.7	—	15.4	—	13.7	—	63	—	62	—	28	—	52	—
Cairo Area	Cairo (A)	1 .2	+ 2.6	16.8	+ 2.0	25.6	+ 3.0	20.3	+ 2.6	11.9	+ 1.0	12.2	+ 0.7	14.8	+ 0.5	13.7	+ 0.9	57	—13	55	—10	25	—10	44	—11
	Mostafa Helmi (A)	1 .6	—	15.2	—	24.7	—	18.8	—	10.7	—	10.7	—	14.0	—	12.4	—	58	—	53	—	24	—	43	—
	Almaza (A)	1 .1	+ 2.4	16.8	+ 2.1	26.1	+ 3.9	20.4	+ 2.9	11.1	+ 0.3	11.3	0.0	14.8	+ 1.0	13.0	+ 0.6	51	—17	47	—16	23	—11	37	—15
	Abbasiya (HQ)	1 .9	—	17.2	—	26.1	—	20.6	—	12.3	—	12.9	—	15.7	—	13.9	—	63	—	58	—	28	—	43	—
	Imbaba (A)	1 .2	—	15.5	—	25.6	—	18.6	—	10.3	—	11.9	—	16.0	—	13.3	—	67	—	62	—	31	—	51	—
	Giza	13.8	—	15.6	+ 1.6	25.1	+ 2.0	19.5	+ 3.0	11.5	—	12.0	+ 0.5	15.3	+ 0.4	13.4	+ 0.8	74	—	62	—11	30	— 6	46	—15
	Helwan	16.3	—	17.8	+ 3.6	26.2	+ 3.7	20.4	+ 2.3	10.9	—	11.4	+ 0.8	14.6	+ 1.4	12.7	+ 0.8	47	—	41	—20	21	— 7	35	+ 8

Table A 2. (*Contd.*)—**MONTHLY MEAN VALUES OF THE DRY BULB AND WET BULB TEMPERATURES, AND THE RELATIVE HUMIDITY AT FIXED HOURS.**

MARCH 1962

District	Station	Dry bulb temperature (°C)								Wet bulb temperature (°C)								Relative humidity %							
		0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.		0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.		0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.	
		Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal
Upper Egypt	Fayoum	15.2	—	16.6	+ 2.1	26.8	+ 3.2	20.2	+ 3.2	11.4	—	12.1	+ 1.1	16.1	+ 1.6	13.6	+ 1.3	60	—	56	— 6	28	— 2	43	— 9
	Beni Suef	14.4	—	15.5	0.0	27.1	+ 2.5	19.4	+ 2.2	10.0	—	10.9	+ 0.1	16.5	+ 1.7	13.3	+ 1.3	53	—	53	— 7	29	0	46	— 4
	Seds	14.5	—	16.5	+ 2.5	26.8	+ 2.5	18.5	+ 2.8	—	—	12.5	+ 1.3	16.9	+ 1.2	13.9	+ 0.9	—	—	60	—10	32	— 4	57	— 4
	Minya (A)	12.9	+ 2.9	15.1	+ 1.7	27.8	+ 2.9	19.3	+ 2.7	10.2	+ 3.0	12.0	+ 2.0	17.3	+ 2.8	13.8	+ 2.5	69	+ 5	67	+ 5	30	+ 4	51	+ 2
	Mallawi	12.5	—	14.7	—	29.0	—	18.9	—	—	—	12.1	—	18.4	—	14.1	—	—	—	72	—	31	—	56	—
	Mangabad (A)	16.2	+ 2.2	16.1	+ 1.7	29.3	+ 4.5	22.6	+ 3.7	9.8	+ 1.2	10.3	+ 0.8	15.6	+ 1.9	13.2	+ 1.8	38	— 5	43	— 6	16	— 5	28	— 6
	Shandaweel	14.7	—	17.4	+ 1.4	30.6	+ 3.5	20.0	+ 2.9	—	—	13.1	+ 1.0	19.2	+ 2.5	15.5	+ 2.4	—	—	58	— 2	30	0	59	— 2
	Kena	18.2	—	20.1	+ 3.0	31.4	+ 3.0	22.5	+ 2.3	—	—	13.3	+ 1.4	19.5	+ 3.0	15.5	+ 2.4	—	—	42	— 8	28	+ 4	44	+ 4
	Luxor (A)	17.3	+ 2.6	18.8	+ 0.7	31.9	+ 3.7	23.5	+ 2.8	10.4	+ 0.8	11.9	+ 0.3	17.4	+ 0.6	14.5	+ 1.1	36	— 8	38	— 6	17	— 7	32	— 7
	Kom Ombo	17.4	—	21.2	—	33.8	—	24.9	—	10.6	—	12.9	—	17.7	—	14.4	—	37	—	32	—	13	—	25	—
	Aswan (A)	20.0	—	20.6	+ 2.3	33.4	+ 4.0	27.0	+ 2.8	10.4	—	11.0	— 0.2	16.4	+ 0.4	13.4	— 0.1	21	—	22	—14	9	— 9	12	—10
Western Desert	Siwa	15.4	+ 3.0	14.6	+ 2.1	26.3	+ 2.8	22.0	+ 3.4	9.7	+ 1.5	9.8	+ 0.8	14.3	+ 0.4	12.7	+ 1.0	42	—10	50	—10	19	— 9	27	—11
	Bahariya	15.2	—	15.9	+ 1.8	28.2	+ 4.5	21.5	+ 4.1	9.6	—	10.5	0.0	15.2	+ 0.7	12.7	+ 1.1	43	—	46	—15	17	—14	30	—15
	Farafra	15.0	—	13.9	+ 0.4	29.0	+ 4.5	21.5	+ 3.6	8.1	—	7.8	— 0.9	15.0	+ 0.5	11.2	+ 0.2	31	—	36	—12	14	—13	19	—18
	Dakhla	14.5	—	15.6	+ 0.8	31.7	+ 5.8	22.6	+ 1.7	7.8	—	8.7	— 0.5	15.4	+ 0.8	12.3	+ 0.4	32	—	32	—11	9	—14	22	— 5
	Kharga	16.0	—	18.7	+ 1.8	33.1	+ 5.9	22.1	+ 1.5	9.3	—	11.5	+ 0.1	17.7	+ 1.1	13.0	+ 0.2	35	—	36	—11	15	—14	29	— 6
Red Sea	Suez	18.9	—	17.0	+ 1.3	25.2	+ 2.7	20.6	+ 2.6	—	—	14.4	+ 1.8	17.1	+ 2.5	15.5	+ 2.2	—	—	74	+ 7	40	+ 2	55	— 1
	Abu Redes	18.3	—	19.8	—	23.4	—	21.2	—	13.4	—	14.6	—	16.8	—	15.2	—	54	—	54	—	48	—	50	—
	Tor	17.0	—	19.2	+ 1.1	24.0	+ 1.5	21.3	+ 1.2	12.6	—	13.5	— 0.3	17.4	0.0	16.2	+ 0.7	57	—	49	—10	49	— 9	56	— 2
	Hurghada	16.9	+ 1.9	19.7	+ 1.4	24.8	+ 2.8	20.9	+ 1.2	12.5	+ 1.6	13.1	+ 0.2	17.5	+ 0.9	16.3	+ 1.3	57	0	43	— 7	45	—10	60	+ 3
	Quseir	19.2	—	22.2	+ 1.3	24.9	+ 1.4	21.6	+ 0.6	13.4	—	14.9	+ 0.5	18.8	+ 0.8	16.8	+ 0.6	48	—	41	— 4	54	— 2	60	+ 2
	Abul Kizan	—	—	24.2	+ 0.9	25.2	+ 1.1	23.2	+ 0.7	—	—	20.8	+ 1.0	21.1	+ 1.1	20.6	+ 1.2	—	—	72	+ 1	68	+ 1	78	+ 5

Table A 3.—MONTHLY MEAN DAILY VALUES OF THE ATMOSPHERIC PRESSURE, AIR TEMPERATURES AND THE RELATIVE HUMIDITY

MARCH 1962

District	Station	Atmospheric pressure (mb.)					Air temperature (°C)										Relative humidity%		
			Station Pressure Corrected to Hp		M.S.L. Pressure		Maximum (A)		Minimum (B)			Dry bulb			Wet bulb				
		Derivation of the mean values a, b, c, d	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	(A+B)/2	Deriv. of the mean values a, b, c, d,	Mean	Dev. from normal	Deriv. of the mean values a, b, c, d,	Mean	Dev. from normal	Derivation of the mean values a,b,c,d,e	Mean	Dev. from normal
Mediterranean	Sallum	a	1011.7	— 3.0	1012.2	— 3.0	22.8	+ 1.6	12.8	+ 2.4	17.8	a	17.6	+ 2.4	a	12.8	+ 1.2	a	54	— 8
	Sidi Barrani	—	1008.3	— 3.9	1010.9	— 3.9	22.0	+ 2.2	11.7	+ 1.5	16.8	a	16.8	+ 1.9	a	12.8	+ 1.1	a	61	— 5
	El Kasr	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Mersa Matruh (A)	a	1009.3	—2.2	1013.0	— 2.2	22.3	+ 2.3	11.3	+ 1.4	16.8	a	16.6	+ 1.8	a	12.3	— 0.9	a	57	— 7
	Ras El Hikma	a	1007.1	—	1012.5	—	19.9	—	13.6	—	16.8	a	16.4	—	a	13.6	—	a	71	—
	Dabaa	a	1009.8	—	1011.8	—	22.3	+ 2.0	11.1	+ 1.8	16.7	a	16.5	+ 2.3	a	12.4	+ 1.1	a	59	— 9
	Dekheila (A)	a	1012.9	—	1013.5	—	22.9	—	13.5	—	18.2	a	17.5	—	a	13.2	—	a	59	—
	Ras El Teen	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Alexandria (A)	a	1012.5	— 2.6	1013.3	— 2.6	24.2	+ 3.5	11.9	+ 0.7	18.0	a	17.3	+ 1.5	a	13.7	+ 1.2	a	65	0
	Balteam	a	1013.2	—	1013.4	—	22.7	—	14.4	—	18.6	a	17.8	—	a	14.2	—	a	65	—
	Damietta	a	1011.7	—3.5	1012.1	— 3.5	23.4	+ 2.6	13.3	+ 2.2	18.4	a	17.6	+ 2.4	a	14.4	+ 1.4	a	68	— 8
	Port Said (A)	a	1012.6	—1.9	1013.3	— 1.9	21.1	+ 1.2	15.0	+ 1.5	18.0	a	17.5	+ 1.1	a	14.4	+ 1.0	a	69	0
	El Arish	a	1011.8	—1.8	1013.7	— 1.8	24.0	+ 2.7	12.2	+ 1.4	18.1	a	17.6	+ 2.2	a	14.0	+ 1.4	a	65	— 5
	Ghazza	a	1011.9	—	1013.8	—	21.7	—	12.8	—	17.2	a	17.1	—	a	13.8	—	a	67	—
Lower Egypt	El Sirw	c	—	—	—	—	22.3	— 0.9	12.8	+ 3.0	17.6	c	17.6	+ 2.4	c	14.8	+ 1.7	c	72	— 5
	Sakha	c	—	—	—	—	23.3	+ 0.4	9.5	— 1.6	16.4	c	17.0	+ 2.8	c	14.4	+ 0.2	c	74	— 8
	Mansoura	a	1013.4	—1.0	1013.8	— 1.0	24.9	+ 1.8	9.1	— 0.5	17.0	a	16.6	+ 1.8	a	13.3	+ 1.1	a	67	— 5
	Damanhour	c	1013.5	— 1.6	1014.2	— 1.6	25.9	— 3.3	10.5	+ 0.6	17.7	c	17.2	+ 2.5	c	14.6	+ 2.4	c	74	— 1
	Gimmeiza	—	—	—	—	—	24.3	+ 1.2	9.1	+ 1.7	16.7	—	—	—	—	—	—	a	75	— 8
	Tanta	a	1011.5	— 2.8	1012.7	— 2.8	25.7	+ 2.0	10.3	+ 2.2	18.0	a	17.3	+ 2.5	a	13.2	+ 0.3	a	60	—16
	Tahrir	a	1010 9	—	1013.1	—	26.2	—	11.1	—	18.6	a	17.9	—	a	13.0	—	a	54	—
	Shebin El Kom	a	1011.7	— 2.5	1013.3	— 2.5	26.0	+ 2.1	10.4	+ 1.2	18.2	a	17.4	+ 2.4	a	13.3	+ 1.1	a	60	—10
	Zagazig	c	1012.0	— 2.2	1013.6	— 2.2	25.7	+ 1.9	12.1	+ 3.3	18.9	c	18.5	+ 3.2	c	14.9	+ 2.0	c	66	— 8
	Abu Sueir (A)	a	1011.9	—	1013.8	—	26.9	—	12.0	—	19.4	a	18.9	—	a	13.0	—	a	47	—
	Zaher (A)	—	1008.8	—	1012.4	—	26.3	—	12.5	—	19.4	a	19.0	—	a	13.7	—	a	52	—
	Wadi El Natrun	a	1013.8	—0.9	1013.9	— 0.9	27.6	+ 2.8	11.3	+ 1.7	19.4	a	19.2	+ 3.1	a	12.8	+ 0.6	a	43	—17
	Inshas	a	1008.9	—	1012.0	—	24.9	—	12.2	—	18.6	a	18.8	—	a	13.2	—	a	49	—
	Fayed (A)	a	1011.3	—	1013.8	—	27.2	—	11.9	—	19.6	a	19.4	—	a	13.3	—	a	46	—
	Kabrit (A)	a	1011.9	—	1013.3	—	26.5	—	12.4	—	19.4	a	19.0	—	a	13.2	—	a	48	—

a = the 24 hours mean, b = 8 synoptic hours mean. c = 4 main synoptic hours mean.
d = 06, 12 & 18 U.T. hours mean. e = 06 & 18 U.T. hours mean.

Table A 3. (cont.)—**MONTHLY MEAN DAILY VALUES OF THE ATMOSPHERIC PRESSURE, AIR TEMPERATURES AND THE RELATIVE HUMIDITY**

MARCH 1962

District	Station	Atmospheric pressure (mb.)					Air temperature (°C)											Relative humidity%		
		Derivation of the mean values a, b, c, d	Station Pressure corrected to Hp		M.S.L. Pressure		Maximum (A)		Minimum (B)		(A+B)/2	Dry bulb			Wet bulb			Derivation of the mean values a,b,c,d,e	Mean	Dev. from normal
			Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal		Deriv. of the mean values, a, b, c, d,	Mean	Dev. from normal	Deriv. of the mean values a, b, c, d,	Mean	Dev. from normal			
Cairo Area	Cairo (A)	a	1005.3	— 2.2	1013.0	— 2.2	26.7	+3.1	13.7	+ 2.6	20.2	a	19.8	+ 2.5	a	13.2	+ 0.9	a	43	— 9
	Mostafa Helmi (A)	a	993.7	—	1012.9	—	25.3	—	12.6	—	19.0	a	18.3	—	a	12.0	—	a	43	—
	Almaza (A)	a	1003.5	— 2.7	1012.7	— 2.9	27.0	+ 3.6	13.7	+ 2.5	20.4	a	19.9	+ 2.9	a	12.6	+ 0.7	a	38	—13
	Abbasiya (H.Q.)	a	1010.7	—	1013.9	—	27.2	—	13.3	—	20.2	a	20.0	—	a	13.7	—	a	45	—
	Imbaba A)	a	1010.7	—	1012.8	—	26.6	—	10.8	—	18.7	a	18.3	—	a	12.9	—	a	50	—
	Giza	a	1010.2	— 2.7	1012.9	— 2.8	26.5	+ 2.4	11.4	+ 3.2	19.0	a	18.7	+ 3.3	a	13.1	+ 0.8	a	49	—18
	Helwan	a	996.3	— 1.9	1013.2	— 2.1	27.0	+ 3.3	13.7	+ 2.6	20.4	a	20.2	—	a	12.5	+ 1.1	a	35	—15
Upper Egypt	Fayoum	a	1010.1	— 1.9	1013.0	— 2.0	28.0	+ 3.1	12.5	+ 0.5	20.2	a	19.8	+ 3.6	a	13.3	+ 1.3	a	43	—14
	Beni Suef	a	1009.1	— 2.4	1012.6	— 2.4	28.1	+ 3.1	11.5	+ 3.4	19.8	a	19.4	—	a	12.8	+ 1.1	a	42	—10
	Seds	—	—	—	—	—	28.3	+ 2.4	10.2	+ 2.2	19.2	c	19.1	+ 3.4	c	14.5	+ 2.1	e	58	— 7
	Minya (A)	a	1007.5	— 3.1	1012.2	— 3.3	28.7	+ 3.3	10.0	+ 2.2	19.4	a	18.9	+ 2.3	a	13.3	+ 2.2	a	48	0
	Mallawi	—	—	—	—	—	30.4	—	9.4	—	19.9	c	18.8	—	c	15.0	—	c	64	—
	Mangabad (A)	a	1004.5	— 2.4	1012.7	— 2.4	30.6	+ 4.1	12.7	+ 2.5	21.6	a	21.3	+ 2.9	a	12.3	+ 1.4	a	28	— 5
	Shandaweel	—	—	—	—	—	30.8	+ 2.6	10.9	+ 2.0	20.8	c	20.7	+ 2.5	c	15.9	+ 1.8	c	58	— 2
	Kena	c	1003.7	— 1.5	1012.4	— 1.4	33.6	+ 3.5	13.0	+ 1.8	23.3	c	23.0	+ 3.8	c	15.9	+ 2.9	e	43	— 2
	Luxor (A)	a	1001.1	— 2.3	1011.3	— 2.3	34.3	+ 4.7	12.6	+ 2.2	23.4	a	23.0	+ 3.2	a	13.5	+ 1.2	a	28	—11
	Kom Ombo	a	999.0	—	1010.9	—	35.4	—	13.0	—	24.2	a	24.1	—	a	13.7	—	a	24	—
	Aswan (A)	a	988.1	— 1.8	1010.2	— 2.0	34.8	+ 4.4	15.7	+ 1.3	25.2	a	25.4	+ 4.3	a	12.9	— 0.0	a	15	—16
Western Desert	Siwa	a	1013.8	— 4.5	1012.1	— 4.5	27.9	+ 3.3	11.5	+ 2.3	19.7	a	19.7	+ 3.5	a	11.7	+ 1.7	a	32	—
	Bahariya	a	997.3	— 2.9	1012.4	— 2.9	29.2	+ 3.8	11.5	+ 2.6	20.4	a	20.3	+ 4.3	a	11.9	+ 0.6	a	30	—23
	Farafra	a	1002.1	— 2.4	1012.9	— 2.4	30.4	+ 4.7	10.9	+ 3.0	20.6	a	20.3	+ 4.3	a	10.8	+ 1.5	a	22	—13
	Dakhla	a	997.3	— 5.2	1010.2	— 5.4	32.9	+ 5.6	9.5	— 0.5	21.2	a	21.4	+ 3.4	a	11.0	— 0.1	a	18	— 9
	Kharga	a	1002.9	— 4.3	1011.2	— 4.4	34.2	+ 6.0	12.6	+ 1.2	23.4	a	22.6	+ 3.6	a	12.9	+ 0.6	a	26	—14
Red Sea	Suez	c	1012.4	— 1.7	1013.5	— 1.8	26.9	+ 2.7	12.7	+ 1.0	19.8	c	20.4	+ 3.4	c	16.4	+ 3.4	c	64	+ 4
	Abu Redes	a	1011.6	—	1012.0	—	25.9	—	15.4	—	20.6	a	20.5	—	a	15.0	—	a	52	—
	Tor	a	1011.3	— 2.7	1011.7	— 2.7	26.5	+ 2.4	14.3	+ 1.9	20.4	a	20.4	+ 2.1	a	14.9	+ 1.1	a	52	— 6
	Hurghada	a	1011.6	— 1.2	1011.8	— 1.2	25.8	+ 3.0	13.9	+ 1.5	19.8	a	20.4	+ 1.8	a	14.7	+ 1.3	a	51	— 1
	Quseir	a	1010.6	— 2.5	1011.6	— 2.5	25.9	+ 1.2	17.6	+ 1.3	21.8	a	21.9	+ 1.5	a	16.0	+ 1.1	a	51	— 1
	Abul Kizan	c	1011.5	—	1012.1	—	26.7	+ 1.4	22.1	+ 1.3	24.4	c	—	—	c	—	—	c	75	+ 3

a = the 24 hours mean. b = 8 synoptic hours mean. c = 4 main synoptic hours mean. d = 06, 12 & 18 U.T. hours mean. e = 06 & 18 U.T. hours mean.

TABLE A 4 — MAXIMUM AND MINIMUM AIR TEMPERATURES

MARCH 1962

District	Station	Maximum temperature (°C)									Minimum temperature (°C)							
		Highest	Date	Lowest	Date	Number of days with maximum temperatnre					Highest	Date	Lowest	Date	Number of days with minimum temperature			
						>25°	>30°	>35°	>40°	>45°					<10°	<5°	<0°	<—5°
Mediterranean	Sallum	37.4	22	17.3	10	8	2	1	0	0	18.5	22	9.2	16	4	0	0	0
	Sidi Barrani	38.5	22	16.5	10	8	2	1	0	0	16.8	22	6.6	11	9	0	0	0
	Mersa Matruh (A)	37.0	22	16.4	10	8	2	1	0	0	16.4	22	6.4	20	8	0	0	0
	Ras El Hikma	36.6	22	15.0	10	3	1	1	0	0	16.3	22	10.7	1	0	0	0	0
	Dabaa	38.2	22	16.2	10	7	3	1	0	0	16.3	23	6.6	1	13	0	0	0
	Dekheila (A)	38.2	22	17.1	10	9	3	1	0	0	17.7	23	10.2	1	0	0	0	0
	Ras El Teen	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Alexandria (A)	38.4	22	18.4	10	11	3	1	0	0	17.5	23	6.9	1	8	0	0	0
	Balteam	31.1	15·22	16.1	10	6	4	0	0	0	18.5	23	10.2	12	0	0	0	0
	Damietta	33.5	22	17.2	10	8	2	0	0	0	17.6	23	7.8	1	2	0	0	0
	Port Said (A)	28.6	15	16.3	10	5	0	0	0	0	18.4	23	12.6	1	0	0	0	0
	El Arish	38.1	23	17.0	10	9	4	2	0	0	18.3	23	8.2	2	7	0	0	0
	Ghazza	35.4	23	15.7	10	6	4	1	0	0	18.0	27	8.8	2	5	0	0	0
Lower Egypt	EL Sirw	36.3	23	16.8	10	7	4	1	0	0	17.2	24	8.0	10	4	0	0	0
	Sakha	—	—	—	—	—	—	—	—	—	15.0	23	5.0	1	17	0	0	0
	Mansoura	34.5	22	17.1	10	16	4	0	0	0	12.6	29	4.5	1	21	1	0	0
	Damanhour	38.4	22	17.6	10	14	4	1	0	0	15.6	23	6.1	12	13	0	0	0
	Tanta	35.3	22	17.4	10	17	4	1	0	0	16.4	23	4.9	1	15	1	0	0
	Tahrir	36.8	22	19.0	10	18	4	1	0	0	16.9	23	6.8	1	9	0	0	0
	Shebin El Kom	35.7	22	16.3	10	20	4	1	0	0	17.3	23	5.6	1	15	0	0	0
	Zagazig	35.3	22	17.2	10	17	5	1	0	0	17.0	23	9.0	12	5	0	0	0
	Abu Sueir (A)	37.5	22	18.2	10	20	6	2	0	0	19.4	23	7.6	1	7	0	0	0
	Zaher (A)	37.3	22	17.2	10	17	6	2	0	0	18.0	23	8.4	2	3	0	0	0
	Wadi EL Natrun	39.2	22	19.3	10	21	10	2	0	0	17.4	15	7.4	12	10	0	0	0
	Inshas (A)	36.5	22	17.1	10	15	5	2	0	0	17.9	23	7.0	12	5	0	0	0
	Fayed (A)	37.6	22	19.0	10	19	7	1	0	0	20.5	23	6.1	12	7	0	0	0
	Kabrit (A)	35.0	22	18.5	10	17	6	0	0	0	16.8	15	8.0	17	5	0	0	0
	Delta Barrage	35.0	7	19.0	10	19	5	0	0	0	16.7	23	6.5	1,12	12	0	0	0
Cairo Area	Cairo A)	36.0	22	17.5	10	20	7	2	0	0	19.5	23	8.6	12	1	0	0	0
	Mostafa Helmi (A	34.9	22	17.1	10	16	4	0	0	0	17.8	15	8.0	12	5	0	0	0
	Almaza (A)	36.4	22	19.2	10	21	6	2	0	0	19.6	15	7.9	12	1	0	0	0
	Abbasiya (H.Q)	35.9	22	19.4	10	21	8	2	0	0	18.4	23	7.8	12	2	0	0	0
	Imbaba A)	36.2	22	18.8	10	18	5	1	0	0	16.9	23	6.2	1,12	11	0	0	0
	Giza	36.0	22	18.3	10	18	5	1	0	0	16.9	23	6.4	12	10	0	0	0
	Helwan	35.7	22	17.7	10	19	7	2	0	0	20.1	23	8.2	17	3	0	0	0

TABLE A 4 (*contd.*)—MAXIMUM AND MINIMUM AIR TEMPERATURES

MARCH 1962

District	Station	Maximum temperature (°C)									Minimum temperature (°C)							
		Highest	Date	Lowest	Date	Number of days with maximum temperature					Highest	Date	Lowest	Date	Number of days with minimum temperature			
						>25°	>30°	>35°	>40°	>45°					<10°	<5°	<0°	<—5°
Upper Egypt	Fayoum	36.4	22	20.9	16	24	8	3	0	0	18.6	24	7.6	12	6	0	0	0
	Beni Suef	36.6	22	20.7	10	24	7	3	0	0	17.7	23	5.7	11	11	0	0	0
	Seds	38.0	23	21.0	10	23	8	3	0	0	16.6	30	4.5	12	14	1	0	0
	Minya (A)	36.7	26	20.3	10	25	11	3	0	0	18.0	30	4.3	12	16	1	0	0
	Mallawi	40.0	26	21.5	10	26	17	5	0	0	16.8	30	4.5	11	18	1	0	0
	Mangabad (A	43.4	26	21.2	16	25	18	6	1	0	19.2	30	6.6	11	9	0	0	0
	Shandaweel	40.5	26	25.0	8,16	29	21	8	1	0	18.0	30	6.5	12	13	0	0	0
	Nag Hammadi	41.4	26	23.7	16	30	20	7	1	0	—	—	—	—	—	—	—	—
	Kena	41.4	26	27.2	16	31	22	9	3	0	20.9	31	9.1	11	6	0	0	0
	Luxor (A)	42.2	26	25.0	16	30	23	11	3	0	20.6	27	7.3	18	10	0	0	0
	Kom Ombo	44.4	30	26.6	17	31	26	15	7	0	24.4	31	7.9	18	6	0	0	0
	Aswan (A)	43.2	24	26.2	9	31	24	14	6	0	25.5	31	9.5	18	1	0	0	0
Western Desert	Siwa	39.8	22	19.7	16	24	9	1	0	0	22.5	22	5.6	17	8	0	0	0
	Bahariya	41.3	23	19.7	16	25	13	4	1	0	19.8	23	5.0	17	14	0	0	0
	Farafra	41.5	23	20.3	16	26	17	3	2	0	18.7	30	4.2	17	14	2	0	0
	Dakhla	43.4	26	21.5	16	26	21	11	4	0	20.5	30	2.5	18	17	5	0	0
	Kharga	45.9	25	24.0	16	30	25	12	6	1	21.0	29	5.5	18	11	0	0	0
Red Sea	Suez	34.2	26	20.1	10	20	5	0	0	0	16.9	24	8.7	1	3	0	0	0
	Abu Redes	34.3	7	19.9	10	18	6	0	0	0	19.8	30	10.4	2	0	0	0	0
	Tor	32.1	23	20.0	10	20	4	0	0	0	19.7	31	8.5	2	3	0	0	0
	Hurghada	29.8	24	21.4	11	20	0	0	0	0	20.1	27	8.7	3	2	0	0	0
	Quseir	31.0	24	21.9	9	22	1	0	0	0	21.8	27	14.0	1	0	0	0	0
	Abul Kizan	30.1	23	24.0	17	22	1	0	0	0	27.9	21	19.8	12	0	0	0	0

TABLE A 5. — RAINFALL AND SNOW DEPTH

MARCH 1962

District	Station	Rainfall (millimetres)											Snow depth (centimetres)	
		Total amount	Dev. from normal	Maximum fall in one day		Number of days with amount of rain							Maximum depth	Date
				Amount	Date	<0.1	>0.1	>1.0	>5.0	>10	>25	>50		
Mediterranean	Sallum	0.3	—10.5	0.3	29	0	1	9	0	0	0	0	0	—
	Sidi Barrani	Tr.	—15.6	Tr.	29	1	0	0	0	0	0	0	0	—
	Mersa Matruh (A)	0.0	—13.0	0.0	—	0	0	0	0	0	0	0	0	—
	Ras El Hikma	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Dabaa	0.0	—10.6	0.0	—	0	0	0	0	0	0	0	0	—
	Dekheila (A)	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Alexandria (A)	0.4	—10.7	0.4	16	1	1	0	0	0	0	0	0	—
	Rosetta	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Balteam	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Damietta	0.0	— 9.1	0.0	—	0	0	0	0	0	0	0	0	—
	Port Said (A)	0.0	— 8.7	0.0	—	0	0	0	0	0	0	0	0	—
	El Arish	0.0	—13.5	0.0	—	0	0	0	0	0	0	0	0	—
	Ghazza	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Fuka	9.0	+ 1.0	3.5	9	0	4	4	0	0	0	0	0	—
	Hammam	0.0	— 5.0	0.0	—	0	0	0	0	0	0	0	0	—
	Borg El Arab	0.0	— 14.0	0.0	—	0	0	0	0	0	0	0	0	—
	Mex	0.0	— 9.9	0.0	—	0	0	0	0	0	0	0	0	—
	Tolombat El Tabia	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kom El Tarfaia	—	—	—	—	—	—	—	—	—	—	—	—	—
	Rosetta L.H.	—	—	—	—	—	—	—	—	—	—	—	—	—
	Borollos LH	0.0	—17.0	0.0	—	0	0	0	0	0	0	0	0	—
	Dameitta L.H.	0.0	—14.0	0.0	—	0	0	0	0	0	0	0	0	—
Lower Egypt	El Sirw	0.0	— 5.8	0.0	—	0	0	0	0	0	0	0	0	—
	Sakha	0.0	— 9.3	9.0	—	0	0	0	0	0	0	0	0	—
	Mansoura	0.0	— 6.2	0.0	—	0	0	0	0	0	0	0	0	—
	Damanhour	0.0	— 6.7	0.0	—	0	0	0	0	0	0	0	0	—
	Gimmeiza	0.0	— 3.5	0.0	—	0	0	0	0	0	0	0	0	—
	Tanta	0.0	— 3.9	0.0	—	0	0	0	0	0	0	0	0	—
	Tahrir	Tr.	—	Tr.	3	1	0	0	0	0	0	0	0	—
	Shebin El Kom	0.0	— 2.9	0.0	—	0	0	0	0	0	0	0	0	—
	Zagazig	0.0	— 3.8	0.0	—	0	0	0	0	0	0	0	0	—
	Abu Sueir (A)	0.1	—	0.1	3	0	1	0	0	0	0	0	0	—
	Zaher (A)	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Wadi El Natrun	0.0	— 2.3	0.0	—	0	0	0	0	0	0	0	0	—
	Inshas (A)	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Fayed (A)	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Kabrit (A)	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Delta Barrage	0.0	— 1.0	0.0	—	0	0	0	0	0	0	0	0	—
	Tolombat El Boseili	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kafr El Dawar	0.0	—10.0	0.0	—	0	0	0	0	0	0	0	0	—
	Kafr El Sheikh	0.0	— 8.0	0.0	—	0	0	0	0	0	0	0	0	—
	Kafr El Zayat	0.0	— 7.0	0.0	—	0	0	0	0	0	0	0	0	—
	Faqus	0.0	— 7.0	0.0	—	0	0	0	0	0	0	0	0	—
Cairo Area	Cairo (A)	Tr.	— 2.6	Tr.	3	1	0	0	0	0	0	0	0	—
	Mostafa Helmi (A)	0.2	—	0.2	3	0	1	0	0	0	0	0	0	—
	Almaza (A)	0.0	— 2.7	0.9	—	0	0	0	0	0	0	0	0	—
	Abbasiya (H.Q)	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Imbaba (A)	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Giza	Tr.	— 3.2	Tr.	3	1	0	0	0	0	0	0	0	—
	Helwan	0.0	— 3.4	0.0	—	0	0	0	0	0	0	0	0	—

TABLE A 5. — (*Contd.*) RAINFALL AND SNOW DEPTH

MARCH 1962

District	Station	Rainfall (millimetres)											Snow depth (centimetres)	
		Total amount	Dev. from normal	Maximum fall in one day		Number of days with amount of rain							Maximum depth	Date
				Amount	Date	<0.1	≥0.1	>1.0	>5.0	>10	>25	>50		
Upper Egypt	Fayoum	Tr.	−2.0	Tr.	3	1	0	0	0	0	0	0	0	—
	Beni Suef	0.0	−1.8	0.0	—	0	0	0	0	0	0	0	0	—
	Seds	0.0	−0.3	0.0	—	0	0	0	0	0	0	0	0	—
	Minya (A)	Tr.	−0.3	Tr.	3	1	0	0	0	0	0	0	0	—
	Mallawi	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Mangabad (A)	Tr.	0.0	Tr.	30	1	0	0	0	0	0	0	0	—
	Shandaweel	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Nag Hammadi	0.0	−0.1	0.0	—	0	0	0	0	0	0	0	0	—
	Kena	0.0	−0.1	0.0	—	0	0	0	0	0	0	0	0	—
	Luxor (A)	0.0	−0.1	0.0	—	0	0	0	0	0	0	0	0	—
	Kom Ombo	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Aswan (A)	0.0	−0.1	0.0	—	0	0	0	0	0	0	0	0	—
Western Desert	Siwa	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Bahariya	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Farafra	0.0	−0.3	0.0	—	0	0	0	0	0	0	0	0	—
	Dakhla	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Kharga	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
Red Sea	Suez	0.0	−3.0	0.0	—	0	0	0	0	0	0	0	0	—
	Attaqa	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Abu Redes	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Tor	Tr.	−2.0	Tr.	31	1	0	0	0	0	0	0	0	—
	Hurghada	0.0	−0.4	0.0	—	0	0	0	0	0	0	0	0	—
	Quseir	0.0	−0.4	0.0	—	0	0	0	0	0	0	0	0	—
	Abul Kizan	0.0	−0.5	0.0	—	0	0	0	0	0	0	0	0	—

Table A 6.—BRIGHT SUNSHINE, CLOUDINESS, EVAPORATION, BRIGHT & BLACK BULB TEMPERATURES AND GRASS MINIMUM

MARCH 1962

District	Station	Duration of bright sunshine (hours)			Mean sky cover (oktas)								Mean daily evaporation Piche (millimetres)	Mean maximum temp. (°C) of		Mean grass minimum (°C)
		Total actual	Total possible	Percentage %	0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.			Black bulb thermometer	Bright bulb thermometer	
					Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal				
Mediterranean	Salum	—	—	—	2.3	—	4.6	—	5.2	—	2.2	—	9.1	—	—	13.2
	Sidi Barrani	—	—	—			3.9	—	5.3	—	2.9	—	8.6		—	—
	El Kasr	—	—	—	—		—		—		—				—	
	Mersa Matruh (A)	208.9	371.6	56.2	2.3	—	3.4	—	4.3	—	3.7	—	9.7		—	
	Ras El Hikma	—	—	—	—	—	3.1	—	4.3	—	2.7	—	—	—	—	13.0
	Dabaa		—	—		—	3.1	—	3.8	—	3.1	—	4.3	—	—	—
	Dekheila (A)	—	—	—	2.3	—	3.9	—	3.2	—	3.3	—	6.1	—	—	—
	Ras El Tech			—	—	—	—	—	—	—	—	—	—	—	—	—
	Alexandria	(223.1)	359.2	(62.1)	3.2	—	4.2	—	4.4	—	3.4	—	4.7	—	—	—
	Baltim (A)	—	—	—	—		3.4	—	4.1	—	2.8	—	3.9	—	—	—
	Damietta	—	—	—	—	—	1.8	—	2.1	—	2.5	—	3.4	—	—	—
	Port Said (A)	209.5	371.6	56.4	1.6	—	2.8	—	2.3	—	2.0	—	8.2	—	—	
	El Arish	—	—	—	3.1	—	3.4	—	2.8	—	2.8	—	4.5	—	—	12.3
	Ghazza	224.4	371.8	60.3	2.9	—	4.8	—	2.8	—	2.0	—	5.9	—	—	11.3
Lower Egypt	El Sirw		—	—	—	—	0.9	—	1.3	—	0.8	—	4.0	—	—	
	Sakha		—	—	—	—	2.3	—	2.8	—	1.9	—	4.0	—	—	8.1
	Mansura	—	—	—			2.3	—	2.3	—		—	4.0	—	—	
	Damanhour	—	—	—	—	—	3.6	—	3.5	—	2.4	—	2.9	—	—	—
	Gimmeiza	—	—	—	—	—	—	—	—	—	—	—	4.6	—	—	—
	Tanta	258.8	371.8	69.6	—	—	3.1	—	2.4	—	2.5	—	5.0	58	37	—
	Tahir	240.2	371.3	64.6	—	—	2.1	—	2.8	—	2.3	—	14.9	—	—	9.7
	Shebin El Kom		—	—	—	—	3.2	—	3.0	—	2.0	—	3.3	—	—	—
	Zagazig	—	—	—	—	—	3.4	—	3.9	—	2.1	—	4.4	—	—	—
	Abu Sueir (A)		—	—	3.4	—	3.1	—	3.1	—	2.9	—	11.3	67	—	10.8
	Zaker (A)		—	—	—	—	2.6	—	2.5	—	2.3	—	9.5	—	—	—
	Wadi El Natrun	—	—	—		—	2.6	—	2.4	—	2.3	—	9.9	—	—	—
	Inshas (A)		—	—	1.0	—	2.6	—	2.3	—	1.9	—	11.5	—	—	—
	Fayed (A)	—	—	—			2.6	—	2.5	—	2.6	—	12.0	—	—	—
	Kalin (A)		—	—		—	3.0	—	2.7	—	1.3	—	10.4	—	—	—
	Delta Barrage	—	—	—	—	—	3.8	—					3.5	—	—	—
Cairo Area	Cairo (A)		—	—	2.3	—	3.2	—	2.9	—	2.9	—	13.5	—	—	—
	Mostata Helmi (A)		—	—	2.1	—	3.0	—	2.6	—	2.3	—	12.9	—	—	—
	Almaza (A)	250.6	371.9	67.4	2.9	—	2.8	—	2.6	—	2.5	—	10.4	—	—	—
	Abbasiya (H.Q.)	272.3	371.9	73.2	1.7	—	2.8	—	2.4	—	2.5	—	7.1	71	51	—
	Imbaba (A)		—	—			2.4	—	2.5	—	—	—	8.2	—	—	—
	Giza	272.0	371.3	73.2	—	—	2.7	—	2.4	—	2.3	—	7.4	—	—	7.0
	Helwan		—	—	1.6	—	2.1	—	2.4	—	2.1	—	17.4	—	—	—
Upper Egypt	Fayoum		—	—			1.5	—	2.1	—	1.6	—	7.1	—	—	—
	Beni Suef	—	—	—			1.3	—	1.6	—	1.3	—	6.0	—	—	9.2
	Seds					—	1.7	—	1.7	—	0.7	—	5.7	—	—	—
	Minya (A)		—	—	0.9	—	1.7	—	1.9	—	1.5	—	7.1	63	39	7.3
	Mallawi		—	—	—	—	1.4	—	1.4	—	0.6	—	4.0	—	—	8.5
	Mangabad (A)			—	0.5	—	1.4	—	1.3	—	0.4	—	14.3	—	45	12.0
	Shandaweel	273.1	371.9	76.1	—	—	0.8	—	0.7	—	0.7	—	5.7	—	—	1.5
	Nag Hammadi		—	—	—	—	0.7	—	0.8	—	0.5	—	7.1	—	—	11.4
	Kena	—	—	—	—	—	0.8	—	1.1	—	0.8	—	7.1	—	—	10.9
	Luxor (A)		—	—	0.4	—	1.3	—	1.3	—	0.7	—	7.5	65	44	—
	Kom Ombo	—	—	—			1.2	—	1.1	—	0.9	—	13.0	—	—	10.0
	Aswan (A)	—	—	—	0.5	—	1.6	—	0.8	—	1.1	—	15.0	—	—	—
Western Desert	Siwa			—	0.9	—	1.6	—	1.9	—	1.4	—	13.0	74	43	10.2
	Bahariya		—	—	0.6	—	1.5	—	2.3	—	1.5	—	10.5	—	—	11.1
	Farafra	—	—	—	0.4	—	1.2	—	1.7	—	1.2	—	18.5		—	—
	Dakhla	—	—	—	0.4	—	0.9	—	0.8	—	0.7	—	14.9	—	47	2.8
	Kharga	—	—	—	0.4	—	1.2	—	0.9	—	0.5	—	9.8	—	—	9.9
Red Sea	Suez		—	—	—	—	2.9	—	2.7	—	1.1	—	8.7	—	—	—
	Abu Redes	—	—	—	—		1.7	—	1.7	—	0.1	—	8.4	—	—	—
	Tor	—	—	—	1.4	—	2.4	—	1.9	—	1.5	—	6.9	—	—	—
	Hurghada	—	—	—	1.3	—	2.1	—	1.8	—	1.0	—	12.7	—	—	—
	Quseir	—	—	—	0.4	—	1.6	—	1.4	—	1.2	—	11.9	—	—	—
	Abul Kizan	—	—	—	—	—	1.6	—	1.0	—	0.7	—	3.4	—	—	—

Note : Actual number of sunshine records was 30 days at Alexandria

Table A 7.—SOIL TEMPERATURE (°C) AT SELECTED DEPTHS AT FIXED HOURS
MARCH 1962

District	Station	Depth in centimetres	0000 U.T.					0600 U.T.					1200 U.T.					1800 U.T.				
			Mean	Highest		Lowest		Mean	Highest		Lowest		Mean	Highest		Lowest		Mean	Highest		Lowest	
				Value	Date	Value	Date		Value	Date	Value	Date		Value	Date	Value	Date		Value	Date	Value	Date
MEDITERRANEAN	Sidi Barrani	5	—	—	—	—	—	14.6	20.6	22	11.0	11	23.1	30.0	22	19.0	28	19.0	25.0	22	16.0	11
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	17.4	20.5	23	15.3	11	18.4	21.5	22	16.3	11	19.3	22.2	22	17.4	11
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Mersa Matruh (A)	5	16.9	21.1	24	14.0	21	15.8	24.6	1	12.8	20	24.5	30.1	30	16.0	7	20.8	23.5	24	17.8	12
		10	18.2	22.1	24	16.0	21	16.9	20.6	1	14.5	2	21.6	25.3	30	17.5	7	21.5	24.9	30	18.7	12
		20	19.5	22.6	23,24	18.0	*	18.3	21.0	23	16.5	2	19.2	21.2	23	17.0	2	21.0	23.5	22,24	18.8	9
		50	19.4	21.3	25	17.5	1·2	19.1	20.8	31	17.1	1	19.0	21.0	23	17.5	1,2	19.4	23.2	24	17.0	1
		100	18.5	19.5	28	17.4	1	18.5	19.8	26	17.3	1·8	18.6	19.6	*	16.5	2	18.5	19.6	7,30,31	16.5	3
		200	20.3	21.0	26	19,5	1,16	20.3	21.0	7,31	19.2	11	20.4	22.0	7	19.2	17	20.3	20.8	15,18,26	19.1	8
	Ras El Hikma. •	5	—	—	—	—	—	15·5	19.0	3	13.5	12	21.4	26.0	22	17.0	12	17.7	24.8	22	14.9	10
		10	—	—	—	—	—	15.7	18.7	23	13.0	1	19.2	22.0	22	16.2	10	18.2	23.5	22	15.7	10
		20	—	—	—	—	—	15.9	19.1	23	14.2	11,12	18.1	20.0	24	15.5	10	17.8	20.7	22	15.4	10
		50	—	—	—	—	—	16·9	18.3	24	15.0	1	16.9	18.3	24,27	15.1	1	16.9	18.2	23,24,25	15.0	1
		100	—	—	—	—	—	16.6	17.6	*	15.2	1,3	16.7	17.6	*	15.3	1	16.7	17.7	31	15.3	1
		200	—	—	—	—	—	17.9	18.1	31	17.7	5,6.7	17.9	18.1	30,31	17.8	*	17.9	18.1	30·31	17.7	5
	Alexandria . (A)	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	19.7	22.0	30	17.1	2,3,4	19.7	21.9	27	17.1	2,3	19.6	22.0	27	17,1	1	19.7	22.0	27	17.1	1
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	El Arish	5	16.0	20.6	28	11.8	1	16.1	20.4	24	11.0	1	29.8	37.5	22	21.4	16	20.3	23.8	23	17.2	1·10
		10	18.0	21.6	24	14.0	1	16.3	19.7	24	11.8	1	25.7	30.2	23	22.4	1	22.0	26.0	23	18.7	1
		20	19.9	22.8	24	16.7	1	18.4	21.2	24	14.7	1	20.6	23.1	24	17.7	1	22.2	25.0	23	19.2	1
		50	20.2	22.4	31	17.8	1,2	20.3	22.4	31	17.7	1	20.4	22.1	27,30,31	17.5	1	20.2	22.2	31	17.5	1
		100	19.4	21.0	29,30,31	17.6	1,2,3	19.5	21.2	31	17.4	1·2	19.5	21.2	30.31	17.5	1	19.6	21.2	31	17.6	1
		200	19.5	20.4	29,31	18.4	1,4	19.5	20.6	31	18.6	*	19.4	20.4	30	18.6	*	19.4	20.4	31	18.5	1·8
	Ghazza	5	16.6	24.2	24	13.3	1	16.3	20.4	23	12.2	1·2	24.8	30.2	26	16.5	7	20.7	24.9	21	16.4	10
		10	18.1	25.0	24	14.4	1	16.8	20.0	23	12.7	1	22.2	27.2	23	19.1	1	21.0	25.2	23	17.4	1
		0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	18.7	21.1	28	15.5	2	18.9	21.4	27	15.8	2	18.9	21.5	30	16.0	2	18.9	21.2	31	16.5	1·2
		100	19.1	21.2	31	16.0	2	19.2	21.8	31	17.0	2	19.4	21.4	31	16.5	2	19.4	21.4	31	17.3	3
		200	20.3	22.0	23·31	17.8	2	20.2	22.2	29	18.0	2	20.9	24.0	22	19.5	2,4	20.8	23.0	22	19.0	10

* More than 3 days.

Table A 7. (Contd)—SOIL TEMPERATURE (°C) AT SELECTED DEPTHS AT FIXED HOURS

MARCH 1962

District	Station	Depth in centimetres	0000 U.T. Mean	0000 U.T. Highest Value	0000 U.T. Highest Date	0000 U.T. Lowest Value	0000 U.T. Lowest Date	0600 U.T. Mean	0600 U.T. Highest Value	0600 U.T. Highest Date	0600 U.T. Lowest Value	0600 U.T. Lowest Date	1200 U.T. Mean	1200 U.T. Highest Value	1200 U.T. Highest Date	1200 U.T. Lowest Value	1200 U.T. Lowest Date	1800 U.T. Mean	1800 U.T. Highest Value	1800 U.T. Highest Date	1800 U.T. Lowest Value	1800 U.T. Lowest Date
Lower Egypt	Sakha	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	—	—	—	—	—	17.6	19.2	*	15.5	1	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	17.9	19.0	29,30,31	16.5	1	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gimmeiza	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	22.7	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	—	—	—	—	—	19.4	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Tanta	5	—	—	—	—	—	15.8	18.8	30	12.6	1	21.5	24.5	23	18.0	1,10	20.4	23.3	23	17.0	10
		10	—	—	—	—	—	18.4	21.0	23,30	14.9	1	21.2	23.8	23	18.1	1	21.8	24.3	23	18.7	1
		20	—	—	—	—	—	18.2	20.4	30	14.9	2	18.4	20.4	24	15.2	2	19.2	21.7	31	16.0	1
		50	—	—	—	—	—	20.1	22.2	31	17.6	1	20.1	22.1	31	17.5	1	20.0	22.0	31	17.3	1
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Tahrir	5	—	—	—	—	—	16.1	19.8	23	11.8	1	30.8	36.2	26	22.8	10	21.0	25.6	22	17.6	10
		10	—	—	—	—	—	16.6	20.1	23	12.5	1	26.0	29.0	26	20.5	10	22.9	26.1	22	18.7	10
		20	—	—	—	—	—	18.7	21.5	23	15.1	1	21.5	23.9	23	18.7	1,3,10	23.0	25.2	23	19.6	10
		50	—	—	—	—	—	20.3	22.2	30	17.2	1	19.8	21.8	30	16.8	1	20.3	22.2	30	17.3	1
		100	—	—	—	—	—	19.8	21.4	31	17.5	1	—	—	—	—	—	19.8	21.5	31	17.6	1
		200	—	—	—	—	—	19.9	20.9	30	19.0	1,2,3	—	—	—	—	—	20.0	20.9	29,31	19.0	1,2,3
	Delta Barrage	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	20.8	22.4	23,27	18.5	1	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	20.0	21.0	31	18.0	1	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	20.5	21.7	23	19.9	30	—	—	—	—	—	—	—	—	—	—

* More than 3 days.

Table A 7. *(contd.)*— **SOIL TEMPERATURE (°C) AT SELECTED DEPHTS AT FIXED HOURS**

MARCH 1962

District	Station	Depth in centimetres	0000 U.T.					0600 U.T.					1200 U.T.					1800 U.T.				
			Mean	Highest		Lowest		Mean	Highest		Lowest		Mean	Highest		Lowest		Mean	Highest		Lowest	
				Value	Date	Value	Date		Value	Date	Value	Date		Value	Date	Value	Date		Value	Date	Value	Date
Cairo Area	Giza	5	—	—	—	—	—	17.4	20.9	30	12.6	1	28.8	33.8	26	23.8	10	23.8	27.2	23	20.5	10
		10	—	—	—	—	—	19.4	22.2	30	15.6	1	23.5	26.6	26	20.2	1	24.3	26.9	26	21.3	1
		20	—	—	—	—	—	21.5	23.4	*	18.4	1	21.5	23.6	27	18.4	1	22.6	24.7	26	19.6	1
		50	—	—	—	—	—	21.6	23.4	*	19.1	1	21.6	23.4	*	19.1	1	21.6	23.4	29,31	19.1	1
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Upper Egypt	Seds	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	18.6	20.0	31	17.5	1·4,5	18.7	20.0	31	17.5	1·4,5	18.6	20.0	31	17.5	1·4.5
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Minya (A)	5	20.6	24·2	27	16.5	1	17.8	21·0	27	13.4	2	25.0	28.2	26	20.5	1	23.2	27.0	26	18.3	1
		10	22.0	25·7	27	17.9	2	20.3	24·0	30	16.9	3	23.7	26.5	23·26	20.0	1	23.8	27.5	26	18.0	1
		20	21.8	25·2	27	17.7	2	20.9	23·8	30	16.6	2	21.8	24.3	26	18.0	1	22.3	25.0	26	18.5	1
		50	22.1	24·5	30	19.1	1	22.2	24·6	30	19.2	1	22.2	24.4	27·31	19.1	1	22.3	24.5	29·31	19.0	1
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Mallawi	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	16·7	19.0	30,31	14.4	1·2·3	16.7	19.0	30,31	14.4	1·2	16.7	19.0	30,31	14.4	1,2
		100	—	—	—	—	—	16·9	18.4	31	15.8	*	16.9	18.4	31	15.8	*	16.9	18.4	31	15.8	*
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Shandaweel	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	—	—	—	—	—	23.0	26.0	26,27	19.5	1	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	21.0	23.0	31	19.0	2	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

* More than 3 days.

TABLE A 7 (contd.) - SOIL TEMPERATURE (°C) AT SELECTED DEPTHS AT FIXED HOURS

MARCH 1962

District	Station	Depth in cm.	0600 U.T. Mean	0600 U.T. Highest Value	0600 U.T. Highest Date	0600 U.T. Lowest Value	0600 U.T. Lowest Date	0600 U.T. Mean	0600 U.T. Highest Value	0600 U.T. Highest Date	0600 U.T. Lowest Value	0600 U.T. Lowest Date	1200 U.T. Mean	1200 U.T. Highest Value	1200 U.T. Highest Date	1200 U.T. Lowest Value	1200 U.T. Lowest Date	1800 U.T. Mean	1800 U.T. Highest Value	1800 U.T. Highest Date	1800 U.T. Lowest Value	1800 U.T. Lowest Date
Upper Egypt (contd.)	Kom Ombo	5	—	—	—			21.2	29.8	31	15.0	13	47.5	57.0	30	31.2	12	28.3	35.5	25	20.5	12
		10	—	—	—			21.1	29.0	31	17.5	13	32.6	38.5	11	27.5	13	28.4	34.7	30	19.0	12
		20	—	—	—	—	—	23.5	28.6	31	20.5	13	24.7	29.4	31	23.1	13	25.6	29.2	30	22.9	12
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Aswan (A)	5	21.4	29.2	25	17.0	18	20.1	21.8	31	15.2	18	37.8	46.4	30	29.2	1	29.3	36.8	24	24.0	11
		10	25.1	31.8	25	20.0	11	22.0	29.0	31	17.9	10	29.9	36.2	30	24.0	1	30.9	38.0	29	26.0	13
		20	26.6	31.4	30	23.1	1	25.1	30.8	31	21.5	1	25.2	30.4	31	21.0	1	27.7	32.4	31	24.1	1
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Western Desert	Bahariya	5	18.9	23.0	26,30	15.0	12,17	13.9	23.8	21	12.7	1	26.8	38.1	23	23.6	8	21.9	31.9	23	20.7	8
		10	21.3	25.5	26	17.5	1	18.7	23.0	30	15.0	1,2	25.5	30.5	23	22.8	1,3,10	26.3	36.3	15	22.2	3
		20	26.1	×	×	×	×	24.3	×	×	×	×	25.2	×	×	×	×	27.5	×	×	×	×
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Farafra	2	18.5	23.2	24	14.1	18	16.7	20.9	24	11.6	17	25.2	31.5	27	18.6	3	22.0	26.1	29	18.5	3
		10	19.9	24.6	24	16.0	18	18.3	22.4	24	14.2	17	22.7	27.7	27	17.8	3	22.4	26.2	27	18.3	17
		20	22.0	26.7	24	17.2	4	20.7	24.5	24	17.9	1,17	21.5	26.3	23	18.0	17	23.1	28.2	23	18.1	3
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

* More than 3 days.

Table A 8—FREQUENCY OF OCCURRENCE OF MISCELLANEOUS WEATHER PHENOMENA.

MARCH 1962

District	Station	Precipitation: Rain	Precipitation: Snow	Precipitation: Ice pellets	Precipitation: Hail	Frost	Thunderstorm	Mist vis. ≥ 1000 metres	Fog vis. < 1000 metres	Haze vis. < 1000 metres	Thick haze vis < 1000 metres	Dust rising/Sand rising vis < 1000 metres	Dust-storm/Sandstorm vis < 1000 metres	Drifting Snow: Slight/moderate vis. below eye level < 1000 metres	Drifting Snow: Heavy vis. below eye level < 1000 metres (snow storm)	Blowing Snow: Slight/moderate vis. below eye level ≥ 1000 metre	Blowing Snow: Heavy vis. below eye level < 1000 metres (snow storm)	Gales	Clear Sky	Cloudy Sky
Mediterranean	Sallum	1	0	0	0	0	0	0	0	6	0	6	4	0	0	0	0	5	6	4
	Sidi Barrani	0	0	0	0	0	0	0	1	0	0	5	3	0	0	0	0	1	—	—
	Mersa Matruh (A)	0	0	0	0	0	0	1	1	0	0	3	1	0	0	0	0	2	9	1
	Ras El Hikma	0	0	0	0	0	0	1	0	2	0	6	1	0	0	0	0	1	—	—
	Dabaa	0	0	0	0	0	0	0	0	1	0	3	1	0	0	0	0	1	—	—
	Dekheila (A)	0	0	0	0	0	0	1	0	2	0	1	2	0	0	0	0	0	12	4
	Ras El Tech	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Alexandria (A)	1	0	0	0	0	0	2	4	1	0	4	2	0	0	0	0	1	8	6
	Balteiam	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0	0	0	—	—
	Damietta	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	—	—
	Port Said (A)	0	0	0	0	0	0	3	0	2	0	8	2	0	0	0	0	1	18	0
	El Arish	0	0	0	0	0	0	3	2	3	0	6	0	0	0	0	0	0	12	3
	Ghazza	0	0	0	0	0	0	2	2	2	0	4	0	0	0	0	0	0	11	5
Lower Egypt	El Sirw	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sakha	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Mansoura	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	—	—
	Damanhour	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gimmeiza	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Tanta	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	—	—
	Tahrir	0	0	0	0	0	0	9	2	4	0	3	1	0	0	0	0	0	—	—
	Shebin El Kom	0	0	0	0	0	0	5	6	0	0	1	0	0	0	0	0	0	—	—
	Zagazig	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Abu Sueir (A)	1	0	0	0	0	0	7	1	16	0	10	1	0	0	0	0	0	12	4
	Banha	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Zaher (A)	0	0	0	0	0	0	2	0	4	0	8	0	0	0	0	0	0	—	—
	Wadi El Natrun	0	0	0	0	0	0	1	0	0	0	3	0	0	0	0	0	0	—	0
	Inshas (A)	0	0	0	0	0	0	6	0	10	0	10	1	0	0	0	0	1	21	2
	Fayed (A)	0	0	0	0	0	0	1	0	3	0	7	1	0	0	0	0	1	—	—
	Kabrit (A)	0	0	0	0	0	0	2	0	1	0	5	0	0	0	0	0	1	—	—
	Delta Barrage	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Cairo Area	Cairo (A)	0	0	0	0	0	0	5	1	11	0	10	1	0	0	0	0	1	13	2
	Mostafa Helmi (A)	1	0	0	0	0	0	4	2	0	0	13	2	0	0	0	0	1	16	2
	Almaza (A)	0	0	0	0	0	0	2	1	15	1	9	1	0	0	0	0	1	16	2
	Abbasiya (H.Q.)	0	0	0	0	0	0	4	0	5	0	5	0	0	0	0	0	0	16	2
	Imbaba (A)	0	0	0	0	0	0	1	0	1	0	3	0	0	0	0	0	0	—	—
	Giza	0	0	0	0	0	0	4	0	1	0	2	0	0	0	0	0	0	—	—
	Helwan	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	17	1

Table A 8 (*contd.*)—**FREQUENCY OF OCCURRENCE OF MISCELLANEOUS WEATHER PHENOMENA.**

MARCH 1962

District	Station	Precipitation				Frost	Thunderstorm	Mist vis. > 1000 metres	Fog vis. < 1000 metre	Haze vis. > 1000 metres	Thick haze vis. < 1000 metres	Dust rising/Sand rising vis > 1000 metres	Dust-storm Sand-storm vis < 1000 metres	Drifting Snow		Blowing Snow		Gales	Clear Sky	Cloudy Sky
		Rain	Snow	Ice pellets	Hail									Slight/moderate vis. below eye level > 1000 metre	Heavy vis. below eye level < 1000 metres (snow storm)	Slight/moderate vis. below eye level > 1000 metres	Heavy vis. below eye level < 1000 metres (snow storm)			
Upper Egypt	Fayoum	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0	—	—
	Beni Suef	0	0	0	0	0	0	0	1	1	0	7	0	0	0	0	0	0	—	—
	Seds	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Minya (A)	0	0	0	0	0	0	0	0	9	0	5	1	0	0	0	0	0	22	1
	Mallawi	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Asyout (Mangabad)(A)	0	0	0	0	0	0	0	0	3	0	4	3	0	0	0	0	0	28	1
	Shandaweel	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Nag Hammadi	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kena	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Luxor (A)	0	0	0	0	0	0	0	0	13	1	1	1	0	0	0	0	0	26	1
	Kom Ombo	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	—	—
	Aswan (A)	0	0	0	0	0	0	0	0	2	0	6	0	0	0	0	0	0	25	0
Western Desert	Siwa	0	0	0	0	0	0	0	0	1	0	11	4	0	0	0	0	2	22	0
	Bahariya	0	0	0	0	0	0	0	0	0	0	5	1	0	0	0	0	1	23	1
	Farafra	0	0	0	0	0	0	0	0	4	0	8	4	0	0	0	0	2	26	1
	Dakhla	0	0	0	0	0	0	0	0	2	0	4	1	0	0	0	0	0	26	1
	Kharga	0	0	0	0	0	0	0	0	0	0	7	2	0	0	0	0	0	28	1
Red Sea	Suez	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Abu Redes	0	0	0	0	0	0	1	0	4	0	8	0	0	0	0	0	0	—	—
	Tor	0	0	0	0	0	0	2	0	10	0	9	0	0	0	0	0	0	19	0
	Hurghada	0	0	0	0	0	0	0	2	2	0	2	1	0	0	0	0	2	21	2
	Quseir	0	0	0	0	0	0	1	0	10	1	6	2	0	0	0	0	0	24	1
	Abul Kizan	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

TABLE A 9.— NUMBER IN HOURS OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION RECORDED WITHIN SPECIFIED RANGES

MARCH 1962

District	Station	Number in hours of calm winds	Number in hours of variable winds	Number in hours of unrecorded winds	Wind speed in knots	Number in hours of occurrences of wind blowing from the ranges of directions indicated												All directions
						345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	
Mediterranean	Sidi Barrani	5	0	0	1—10	29	42	23	26	42	65	16	10	15	15	29	53	365
					11—27	3	6	7	31	35	33	58	7	28	16	103	28	353
					28—47	0	0	0	0	0	2	14	4	1	0	0	0	21
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**32**	**48**	**30**	**57**	**75**	**100**	**88**	**21**	**44**	**31**	**132**	**81**	**739**
	Mersa Matruh (A)	4	14	16	1—10	49	13	14	12	37	28	5	11	13	21	9	10	222
					11—27	49	5	15	42	72	35	28	25	12	40	85	48	456
					28—47	0	0	0	3	0	0	12	1	2	4	10	0	32
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**98**	**18**	**29**	**57**	**109**	**63**	**45**	**37**	**27**	**65**	**104**	**58**	**710**
	Dekheila (A)	4	0	0	1—10	52	56	67	59	43	22	10	13	11	20	44	57	454
					11—27	17	18	23	47	22	10	6	1	32	46	39	24	285
					28—47	0	0	0	0	0	0	0	1	0	0	0	0	1
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**69**	**74**	**90**	**106**	**65**	**32**	**16**	**15**	**43**	**66**	**83**	**81**	**740**
	Alexandria (A)	1	2	0	1—10	46	55	47	61	108	38	14	0	10	7	30	50	466
					11—27	24	29	20	7	24	7	5	1	17	53	63	24	274
					28—47	0	0	0	0	0	0	0	0	1	0	0	0	1
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**70**	**84**	**67**	**68**	**132**	**45**	**19**	**1**	**28**	**06**	**93**	**74**	**741**
	Port Said (A)	2	0	0	1—10	35	43	52	46	19	12	14	7	10	13	15	37	303
					11—27	36	22	69	81	26	11	23	2	28	62	42	33	435
					28—47	0	0	0	0	0	1	0	0	0	3	0	0	4
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**71**	**65**	**121**	**127**	**45**	**24**	**37**	**9**	**38**	**78**	**57**	**70**	**742**
	El Arish	24	25	2	1—10	62	83	54	35	44	148	20	15	33	24	29	50	597
					11—27	1	1	2	0	0	6	0	0	10	25	46	5	96
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**63**	**84**	**56**	**35**	**44**	**154**	**20**	**15**	**43**	**49**	**75**	**55**	**693**
Lower Egypt	Mansoura	19	9	115	1—10	34	85	69	38	18	20	20	18	29	32	26	26	415
					11—27	10	31	25	5	8	6	6	8	28	29	23	7	186
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**44**	**116**	**94**	**43**	**26**	**26**	**26**	**26**	**57**	**61**	**49**	**33**	**601**
	Tanta	28	9	28	1—10	25	80	119	82	35	24	18	39	60	51	51	36	610
					11—27	2	11	6	18	0	0	0	2	17	6	3	4	69
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**27**	**91**	**125**	**100**	**35**	**24**	**18**	**31**	**77**	**57**	**54**	**40**	**679**
	Abu Sueir (A)	57	6	3	1—10	21	46	82	40	49	54	15	12	42	30	32	36	459
					11—27	13	37	41	3	6	14	2	2	18	50	29	4	219
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**34**	**83**	**123**	**43**	**55**	**68**	**17**	**14**	**60**	**80**	**61**	**40**	**678**
	Zaher (A)	26	5	0	1—10	74	89	72	32	36	29	6	22	46	51	45	63	565
					11—27	15	23	13	0	12	15	4	16	31	15	2	2	148
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**89**	**112**	**85**	**32**	**48**	**44**	**10**	**38**	**77**	**66**	**47**	**65**	**713**

TABLE A 9 (*contd.*) — NUMBER IN HOURS OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION RECORDED WITHIN SPECIFIED RANGES

MARCH 1962

District	Station	Number in hours of calm winds	Number in hours of variable winds	Number in hours of unrecorded winds	Wind speed in knots	Number in hours of occurrences of wind blowing from the ranges of directions indicated												All directions
						345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	
Cairo Area	Cairo . . . . . (A)	0	0	143	1–10	28	34	25	15	10	9	11	4	7	9	47	31	240
					11–27	26	57	68	34	15	18	33	18	6	47	25	8	355
					28–47	0	0	0	0	0	0	6	0	0	0	0	0	6
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**64**	**91**	**93**	**49**	**25**	**27**	**50**	**22**	**13**	**56**	**72**	**39**	**601**
	Mostafa Helmi . (A)	3	0	52	1–10	12	45	29	21	24	18	13	11	6	11	18	25	233
					11–27	35	89	104	26	0	14	35	10	10	20	53	47	443
					28–47	0	0	0	0	0	1	7	0	0	0	1	4	13
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**47**	**134**	**133**	**47**	**24**	**33**	**55**	**21**	**16**	**31**	**72**	**76**	**689**
	Almaza . . . . (A)	0	0	0	1–10	34	61	168	40	24	20	20	19	24	21	45	64	540
					11–27	2	9	60	10	15	12	24	20	10	14	26	0	202
					28–47	0	0	0	0	0	0	2	0	0	0	0	0	2
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**36**	**70**	**228**	**50**	**39**	**32**	**46**	**39**	**34**	**35**	**71**	**64**	**744**
	Abbasiya . . . (H.Q.)	70	26	4	1–10	99	143	52	10	4	20	43	27	29	55	72	56	610
					11–27	5	3	0	0	0	2	11	5	5	1	2	0	34
					28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**104**	**146**	**52**	**10**	**4**	**22**	**54**	**32**	**34**	**56**	**74**	**56**	**644**
	Giza	69	2	1	1–10	85	132	64	8	2	26	56	15	4	27	46	107	573
					11–27	8	31	9	0	0	2	16	7	1	7	8	10	99
					28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**94**	**163**	**73**	**8**	**2**	**28**	**72**	**22**	**5**	**34**	**54**	**117**	**672**
Upper Egypt	Minya . . . . . (A)	34	6	7	1–10	175	39	4	5	9	95	51	6	9	9	30	131	563
					11–27	74	11	0	0	0	0	14	0	5	2	7	21	134
					28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**249**	**50**	**4**	**5**	**9**	**95**	**65**	**6**	**14**	**11**	**37**	**152**	**697**
	Luxor . . . . . (A)	58	6	1	1–10	78	111	50	25	33	61	33	54	30	20	48	121	664
					11–27	1	4	0	0	1	1	2	0	0	0	0	6	15
					28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**79**	**115**	**50**	**25**	**34**	**62**	**35**	**54**	**30**	**20**	**48**	**127**	**679**
Western Desert	Siwa	40	0	0	1–10	21	37	30	92	41	15	5	3	6	32	38	25	345
					11–27	16	24	25	50	63	33	27	7	10	11	58	25	349
					28–47	0	0	0	0	0	0	3	1	1	0	5	0	10
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**37**	**61**	**55**	**142**	**104**	**48**	**35**	**11**	**17**	**43**	**101**	**50**	**704**
	Dakhla	5	36	0	1–10	41	33	45	86	53	57	42	27	22	34	50	85	575
					11–27	18	2	0	2	10	11	4	3	1	7	28	42	128
					28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**59**	**35**	**45**	**88**	**63**	**68**	**46**	**30**	**23**	**41**	**78**	**127**	**703**
Red Sea	Hurghada	11	0	3	1–10	34	25	23	13	33	39	18	10	12	42	112	27	388
					11–27	64	5	0	1	24	10	0	0	0	6	67	140	317
					28–47	2	0	0	0	0	0	0	0	0	0	1	22	25
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**100**	**30**	**23**	**14**	**57**	**49**	**18**	**10**	**12**	**48**	**180**	**189**	**730**

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

CAIRO (A)—MARCH 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 014	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	2	0	0	1—10	2	2	1	3	1	0	3	1	0	2	1	0	16
				11—27	0	0	3	1	3	1	2	1	0	2	0	0	13
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	2	4	4	4	1	5	2	0	4	1	0	29
0300	1	0	0	1—10	1	3	3	2	1	2	2	0	0	0	2	1	17
				11—27	0	0	3	2	0	2	1	1	1	3	0	0	13
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	1	3	6	4	1	4	3	1	1	3	2	1	30
0600	2	0	0	1—10	1	3	1	1	1	1	3	1	0	2	1	0	15
				11—27	1	3	1	2	0	2	2	0	0	3	0	0	14
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	6	2	3	1	3	5	1	0	5	1	0	29
0900	0	0	0	1—10	0	5	3	0	1	0	0	0	3	2	1	4	19
				11—27	0	3	2	0	1	0	1	1	1	2	0	0	11
				28—47	0	0	0	0	0	0	1	0	0	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	8	5	0	2	0	2	1	4	4	1	4	31
1200	0	0	0	1—10	4	1	2	0	0	0	0	1	0	1	3	4	16
				11—27	1	3	1	0	0	0	1	3	0	2	2	1	14
				28—47	0	0	0	0	0	0	1	0	0	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	5	4	3	0	0	0	2	4	0	3	5	5	31
1500	0	0	0	1—10	1	1	1	0	0	0	0	1	0	0	3	4	11
				11—27	2	7	0	0	0	0	4	1	0	1	4	1	20
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	3	8	1	0	0	0	4	2	0	1	7	5	31
1800	1	0	0	1—10	6	1	1	1	0	0	0	0	1	1	2	2	15
				11—27	3	4	3	2	0	1	0	0	0	1	1	0	15
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	9	5	4	3	0	1	0	0	1	2	3	2	30
2100	2	0	0	1—10	3	1	3	4	0	0	1	0	1	2	2	0	17
				11—27	1	2	3	2	1	1	0	0	1	1	0	0	12
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	3	6	6	1	1	1	0	2	3	2	0	29

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

SALLUM — MARCH 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												All directions
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	
0000	6	0	0	1—10	0	1	0	2	4	0	1	2	0	2	1	3	16
				11—27	2	0	0	0	0	0	1	0	0	2	1	1	7
				28—47	0	0	0	0	0	1	0	0	0	1	0	0	2
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**1**	**0**	**2**	**4**	**1**	**2**	**2**	**0**	**5**	**2**	**4**	**25**
0300	10	0	0	1—10	0	0	0	0	2	1	0	0	1	4	1	4	13
				11—27	0	1	0	0	0	0	2	0	0	1	2	0	6
				28—47	0	0	0	0	0	0	0	1	0	1	0	0	2
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**1**	**0**	**0**	**2**	**1**	**2**	**1**	**1**	**6**	**3**	**4**	**21**
0600	9	0	0	1—10	0	1	1	1	2	0	0	0	0	3	4	1	13
				11—27	0	1	0	0	0	0	4	0	0	1	0	2	8
				28—47	0	0	0	0	0	0	0	0	1	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**2**	**1**	**1**	**2**	**0**	**4**	**0**	**1**	**4**	**4**	**3**	**22**
0900	4	0	0	1—10	1	1	1	4	1	0	0	0	0	0	0	1	9
				11—27	1	0	0	0	1	1	3	1	0	3	0	4	14
				28—47	0	0	0	0	0	0	1	0	1	1	0	1	4
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**1**	**1**	**4**	**2**	**1**	**4**	**1**	**1**	**4**	**0**	**6**	**27**
1200	1	0	0	1—10	3	2	3	3	1	1	0	0	0	0	0	1	14
				11—27	2	1	0	1	1	1	1	1	2	1	0	2	13
				28—47	0	0	0	0	0	0	1	0	1	1	0	0	3
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**5**	**3**	**3**	**4**	**2**	**2**	**2**	**1**	**3**	**2**	**0**	**3**	**30**
1500	1	0	0	1—10	2	3	1	5	0	0	0	0	0	1	1	1	14
				11—27	1	3	2	0	1	2	0	0	0	3	0	1	13
				28—47	0	0	0	0	0	0	1	0	1	1	0	0	3
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**6**	**3**	**5**	**1**	**2**	**1**	**0**	**1**	5	**1**	**2**	**30**
1800	6	0	0	1—10	**4**	0	3	5	0	0	0	0	0	1	0	2	15
				11—27	0	0	0	1	1	0	1	0	0	2	1	4	10
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**0**	**3**	**6**	**1**	**0**	**1**	**0**	**0**	3	**1**	**6**	**25**
2100	9	0	0	1—10	0	0	4	2	0	0	0	0	0	3	1	4	14
				11—27	0	0	0	2	1	0	1	0	0	**2**	1	0	7
				28—47	0	0	0	0	0	1	0	0	0	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**4**	**4**	**1**	**1**	**1**	**0**	**0**	**5**	**2**	**4**	**22**

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

MERSA MATRUH (A) — MARCH 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrenses of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	1	0	0	1—10	0	0	2	1	1	3	0	0	2	0	1	2	12
				11—27	1	0	0	0	5	3	1	0	0	2	4	1	17
				28—47	0	0	0	0	0	0	0	0	0	0	1	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**2**	**1**	**6**	**6**	**1**	**0**	**2**	**2**	**6**	**3**	**30**
0300	2	0	0	1—10	1	2	0	1	1	1	2	1	2	2	1	0	14
				11—27	2	0	0	0	3	3	2	0	0	1	3	1	15
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**2**	**0**	**1**	**4**	**4**	**4**	**1**	**2**	**3**	**4**	**1**	**29**
0600	2	0	0	1—10	1	0	0	1	3	2	1	0	2	1	0	1	12
				11—27	3	0	0	0	3	1	1	1	0	1	3	0	13
				28—47	0	0	0	0	0	0	2	0	0	1	1	0	4
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**0**	**0**	**1**	**6**	**3**	**4**	**1**	**2**	**3**	**4**	**1**	**29**
0900	0	0	0	1—10	3	1	0	1	2	0	0	0	0	0	0	1	8
				11—27	1	1	0	4	2	1	2	2	2	1	2	3	21
				28—47	0	0	0	0	0	0	1	0	1	0	0	0	2
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**2**	**0**	**5**	**4**	**1**	**3**	**2**	**3**	**1**	**2**	**4**	**31**
1200	0	0	0	1—10	0	1	2	0	0	0	0	0	0	0	0	1	4
				11—27	2	2	1	6	1	2	1	0	0	2	4	3	24
				28—47	0	0	0	0	0	0	0	1	0	0	2	0	3
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**3**	**3**	**6**	**1**	**2**	**1**	**1**	**0**	**2**	**6**	**4**	**31**
1500	0	0	0	1—10	1	2	0	1	0	0	0	0	0	0	0	0	4
				11—27	4	0	3	7	1	0	0	2	0	2	4	2	25
				28—47	0	0	0	0	0	0	0	0	0	0	2	0	2
				> 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**5**	**2**	**3**	**8**	**1**	**0**	**0**	**2**	**0**	**2**	**6**	**2**	**31**
1800	0	0	0	1—10	2	1	1	4	1	0	0	0	0	0	1	2	12
				11—27	1	0	1	1	6	0	1	1	1	2	3	1	18
				28—47	0	0	0	0	0	0	0	0	0	0	1	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**1**	**2**	**5**	**7**	**0**	**1**	**1**	**1**	**2**	**5**	**3**	**31**
2100	1	0	0	1—10	3	1	0	2	5	0	0	0	0	2	0	1	14
				11—27	1	1	0	1	3	2	0	0	0	2	4	1	15
				28—47	0	0	0	0	0	0	0	0	0	0	1	0	1
				> 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**2**	**0**	**3**	**8**	**2**	**0**	**0**	**0**	**4**	**5**	**2**	**30**

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

DEKHEILA (A) — MARCH 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	0	0	0	1—10	1	2	2	5	2	1	0	1	1	0	2	3	20
				11—27	0	0	1	4	0	0	1	0	2	1	1	1	11
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				>48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**2**	**3**	**9**	**2**	**1**	**1**	**1**	**3**	**1**	**3**	**4**	**31**
0300	0	0	0	1—10	3	0	3	5	3	0	1	1	0	3	1	3	23
				11—27	0	2	0	0	2	0	0	0	1	1	1	1	8
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				>48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**2**	**3**	**5**	**5**	**0**	**1**	**1**	**1**	**4**	**2**	**4**	**31**
0600	0	0	0	1—10	3	2	2	4	4	0	0	1	0	0	0	3	19
				11—27	0	2	0	3	1	0	0	0	1	3	2	0	12
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				>48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**4**	**2**	**7**	**5**	**0**	**0**	**1**	**1**	**3**	**2**	**3**	**31**
0900	0	0	0	1—10	3	3	0	4	2	3	0	0	0	0	2	3	20
				11—27	0	0	1	2	0	2	0	0	1	3	1	1	11
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				>48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**3**	**1**	**6**	**2**	**5**	**0**	**0**	**1**	**3**	**3**	**4**	**31**
1200	0	0	0	1—10	5	2	1	1	3	1	1	0	0	0	1	4	19
				11—27	1	0	1	1	0	0	2	0	1	4	1	1	12
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				>48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**6**	**2**	**2**	**2**	**3**	**1**	**3**	**0**	**1**	**4**	**2**	**5**	**31**
1500	1	0	0	1—10	4	3	2	2	1	1	0	0	0	1	3	1	18
				11—27	0	4	1	0	0	1	0	0	1	3	2	0	12
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				>48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**7**	**3**	**2**	**1**	**2**	**0**	**0**	**1**	**4**	**5**	**1**	**30**
1800	3	0	0	1—10	2	4	6	0	0	1	0	0	0	1	3	1	18
				11—27	0	1	0	3	1	0	0	0	1	1	2	1	10
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				>48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**5**	**6**	**3**	**1**	**1**	**0**	**0**	**1**	**2**	**5**	**2**	**28**
2100	0	0	0	1—10	0	3	3	2	1	1	0	1	1	0	3	1	16
				11—27	1	0	2	4	0	1	0	0	1	2	1	3	15
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				>48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**3**	**5**	**6**	**1**	**2**	**0**	**1**	**2**	**2**	**4**	**4**	**31**

TABLE A 10.— NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSBRVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

ALEXANDRIA (A) -- MARCH 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												All directions
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	
0000	0	0	0	1—10	2	3	3	2	7	1	1	0	1	0	1	1	22
				11—27	1	0	0	1	0	1	0	0	0	3	3	0	9
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**3**	**3**	**3**	**7**	**2**	**1**	**0**	**1**	**3**	**4**	**1**	**31**
0300	0	0	0	1—10	2	2	4	2	7	2	0	1	0	1	1	2	24
				11—27	1	0	0	0	0	0	0	0	1	1	4	0	7
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**2**	**4**	**2**	**7**	**2**	**0**	**1**	**1**	**2**	**5**	**2**	**31**
0600	2	0	0	1—10	2	0	0	3	9	1	1	0	0	2	0	0	18
				11—27	2	1	0	1	1	0	0	0	0	0	3	2	10
				28—47	0	0	0	0	0	0	0	0	1	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**1**	**0**	**4**	**10**	**2**	**1**	**0**	**1**	**2**	**3**	**2**	**29**
0900	0	0	0	1—10	3	1	1	1	7	3	0	0	0	0	3	0	19
				11—27	1	2	0	0	2	1	0	0	1	2	3	0	12
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**3**	**1**	**1**	**9**	**4**	**0**	**0**	**1**	**2**	**6**	**0**	**31**
1200	0	0	0	1—10	2	1	0	3	2	2	0	0	0	0	1	2	13
				11—27	4	2	1	0	1	0	1	0	1	1	4	2	17
				28—47	0	0	0	0	0	0	1	0	0	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**6**	**3**	**1**	**3**	**3**	**2**	**2**	**0**	**1**	**1**	**5**	**4**	**31**
1500	0	0	0	1—10	2	3	2	2	1	2	0	0	0	0	2	1	15
				11—27	1	3	2	0	1	0	0	0	0	4	2	2	15
				28—47	0	0	0	0	0	0	0	0	0	1	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**6**	**4**	**2**	**2**	**2**	**0**	**0**	**0**	**5**	**4**	**3**	**31**
1800	0	0	0	1—10	3	6	2	2	2	1	0	0	0	1	0	3	20
				11—27	0	2	1	1	1	0	0	0	0	3	2	1	11
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**8**	**3**	**3**	**3**	**1**	**0**	**0**	**0**	**4**	**2**	**4**	**31**
2100	0	0	0	1—10	2	3	2	2	3	2	0	0	0	0	0	4	18
				11—27	1	0	0	3	2	0	0	0	0	3	3	1	13
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**3**	**2**	**5**	**5**	**2**	**0**	**0**	**0**	**3**	**3**	**5**	**31**

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

PORT SAID (A)—MARCH 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	0	0	0	1—10	1	0	3	1	1	2	1	0	0	1	1	2	13
				11—27	2	0	1	7	1	0	1	1	1	0	3	0	17
				28—47	0	0	0	0	0	0	0	0	0	1	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**0**	**4**	**8**	**2**	**2**	**2**	**1**	**1**	**2**	**4**	**2**	**31**
0300	0	0	0	1—10	2	1	1	1	2	2	0	0	0	1	2	1	13
				11—27	1	0	2	5	1	1	2	1	1	2	1	0	17
				28—47	0	0	0	0	0	0	0	0	0	1	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**1**	**3**	**6**	**3**	**3**	**2**	**1**	**1**	**4**	**3**	**1**	**31**
0600	0	0	0	1—10	1	1	2	3	1	1	1	2	0	1	1	0	14
				11—27	0	0	2	4	2	1	2	1	4	1	0	0	17
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**1**	**4**	**7**	**3**	**2**	3	**3**	**4**	**2**	**1**	**0**	**31**
0900	0	0	0	1—10	2	2	2	2	1	2	2	2	2	1	1	2	21
				11—27	0	1	1	2	0	1	0	0	0	4	1	0	10
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**3**	**3**	**4**	**1**	**3**	**2**	**2**	**2**	**5**	**2**	**2**	**31**
1200	0	0	0	1—10	4	4	6	2	0	0	0	0	0	0	0	2	18
				11—27	2	1	1	1	0	0	0	0	0	3	2	2	12
				28—47	0	0	0	0	0	0	1	0	0	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**6**	**5**	**7**	**3**	**0**	**0**	**1**	**0**	**0**	**3**	**2**	**4**	**31**
1500	0	0	0	1—10	2	2	3	1	0	1	0	0	0	**0**	0	1	10
				11—27	3	3	4	2	0	0	0	0	0	3	2	4	21
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**5**	**5**	**7**	**3**	**0**	**1**	**0**	**0**	**0**	**3**	**2**	**5**	**31**
1800	0	0	0	1—10	1	1	1	1	0	0	0	0	0	0	1	2	7
				11—27	1	2	7	3	2	0	1	0	0	2	3	2	23
				28—47	0	0	0	0	0	0	0	0	1	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**3**	**8**	**4**	**2**	**0**	**1**	**0**	**1**	**2**	**4**	**4**	**31**
2100	0	0	0	1—10	2	1	3	2	1	0	0	0	0	1	1	1	12
				11—27	1	1	2	4	2	2	0	0	0	2	3	1	18
				28—47	0	0	0	0	0	0	0	0	0	1	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**2**	**5**	**6**	**3**	**2**	**0**	**0**	**0**	**4**	**4**	**2**	**31**

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

EL ARISH — MARCH 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
				1—10	2	1	0	1	1	8	3	1	2	1	1	0	21
				11—27	0	0	0	0	0	0	0	0	0	2	1	0	3
0000	7	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**1**	**0**	**1**	**1**	**8**	**3**	**1**	**2**	**3**	**2**	**0**	**24**
				1—10	2	0	0	3	2	9	4	0	4	1	0	0	25
				11—27	0	0	0	0	0	0	0	0	0	1	1	0	2
0300	4	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				>48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**0**	**0**	**3**	**2**	**9**	**4**	**0**	**4**	**2**	**1**	**0**	**27**
				1—10	0	1	1	2	4	7	4	1	3	1	0	1	25
				11—27	0	0	0	0	0	0	0	0	2	0	0	0	2
0600	4	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				>48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**1**	**1**	**2**	**4**	**7**	**4**	**1**	**5**	**1**	**0**	**1**	**27**
				1—10	2	2	1	2	2	4	0	0	1	2	5	3	24
				11—27	0	0	0	0	0	0	0	0	0	2	2	0	4
0900	3	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				>48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**2**	**1**	**2**	**2**	**4**	**0**	**0**	**1**	**4**	**7**	**3**	**28**
				1—10	8	8	2	0	0	0	0	0	0	0	3	4	24
				11—27	0	0	0	0	0	1	0	1	0	0	5	0	7
1200	0	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				>48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**8**	**8**	**2**	**0**	**0**	**1**	**0**	**1**	**0**	**0**	**8**	**4**	**31**
				1—10	4	8	6	0	0	1	0	0	0	0	3	7	29
				11—27	0	0	0	0	0	0	0	0	0	0	2	0	2
1500	0	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**8**	**6**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**5**	**7**	**31**
				1—10	2	1	10	3	2	2	0	1	0	0	2	3	27
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	2
1800	2	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**1**	**10**	**3**	**2**	**2**	**0**	**1**	**0**	**0**	**2**	**3**	**29**
				1—10	0	1	0	1	5	7	0	0	1	4	1	1	21
				11—27	0	0	0	0	0	0	0	0	0	1	2	0	3
2100	7	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				>48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**1**	**0**	**1**	**5**	**7**	**0**	**0**	**1**	**5**	**3**	**1**	**24**

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

GHAZZA—MARCH 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												All directions
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	
0000	1	0	0	1—10	1	0	1	5	3	4	1	0	1	0	1	0	17
				11—27	2	0	0	0	2	3	1	1	1	2	0	0	12
				28—47	0	0	0	0	0	0	0	0	0	1	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**0**	**1**	**5**	**5**	**7**	**2**	**1**	**2**	**3**	**1**	**0**	**30**
0300	0	0	0	1—10	0	1	2	4	5	9	3	1	1	0	0	0	26
				11—27	0	0	0	0	0	1	0	1	0	3	0	0	5
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**1**	**2**	**4**	**5**	**10**	**3**	**2**	**1**	**3**	**0**	**0**	**31**
0600	3	0	0	1—10	3	1	0	3	1	8	6	1	0	0	0	0	23
				11—27	0	0	0	0	0	0	0	0	3	2	0	0	5
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**1**	**0**	**3**	**1**	**8**	**6**	**1**	**3**	**2**	**0**	**0**	**28**
0900	0	0	0	1—10	5	1	0	1	0	1	0	0	2	6	1	6	23
				11—27	0	0	0	0	0	1	0	1	4	2	0	0	8
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**5**	**1**	**0**	**1**	**0**	**2**	**0**	**1**	**6**	**8**	**1**	**6**	**31**
1200	0	0	0	1—10	9	1	1	0	0	0	0	0	2	1	5	4	23
				11—27	1	0	0	0	0	1	0	1	0	5	0	0	8
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**10**	**1**	**1**	**0**	**0**	**1**	**0**	**1**	**2**	**6**	**5**	**4**	**31**
1500	0	0	0	1—10	12	7	1	0	0	0	0	0	1	1	3	1	26
				11—27	0	0	0	0	1	0	0	0	0	2	0	2	5
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**12**	**7**	**1**	**0**	**1**	**0**	**0**	**0**	**1**	**3**	**3**	**3**	**31**
1800	0	0	0	1—10	5	4	1	5	1	1	0	1	1	1	0	4	24
				11—27	1	2	0	0	1	1	0	0	0	2	0	0	7
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**6**	**6**	**1**	**5**	**2**	**2**	**0**	**1**	**1**	**3**	**0**	**4**	**31**
2100	0	0	0	1—10	0	1	2	6	5	2	1	1	1	1	1	1	22
				11—27	0	1	0	0	0	4	0	0	0	4	0	0	9
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	**2**	**2**	**6**	**5**	**6**	**1**	**1**	**1**	**5**	**1**	**1**	**31**

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

ABU SUEIR (A) — MARCH 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												All directions
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	
0000	7	0	0	1—10	0	4	3	1	2	2	2	0	4	0	2	1	21
				11—27	0	1	0	0	0	0	0	0	0	2	0	0	3
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**5**	**3**	**1**	**2**	2	2	**0**	**4**	**2**	**2**	**1**	**24**
0300	11	0	0	1—10	1	3	3	0	1	3	1	1	4	0	0	0	17
				11—27	0	0	0	0	1	0	0	0	1	1	0	0	3
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**3**	**3**	**0**	**2**	**3**	**1**	**1**	**5**	**1**	0	**0**	**20**
0600	6	0	0	1—10	1	2	2	1	3	4	1	0	3	3	0	0	20
				11—27	0	0	2	0	1	0	0	0	2	0	0	0	5
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**2**	**4**	**1**	**4**	**4**	**1**	**0**	**5**	**3**	**0**	**0**	**25**
0900	3	0	0	1—10	1	2	1	3	1	4	0	1	0	1	2	0	16
				11—27	0	1	2	0	0	2	0	1	1	3	2	0	12
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**3**	**3**	3	**1**	**6**	**0**	**2**	**1**	**4**	**4**	**0**	**28**
1200	4	0	0	1—10	2	0	3	1	0	1	1	0	0	1	2	0	11
				11—27	1	3	0	2	0	1	1	0	1	3	2	2	16
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**3**	**3**	**3**	**0**	**2**	**2**	**0**	**1**	**4**	**4**	**2**	**21**
1500	3	0	0	1—10	1	0	1	1	1	0	0	0	0	1	1	1	[illegible]
				11—27	1	7	3	0	1	2	0	0	1	2	3	1	21
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**7**	**4**	**1**	**2**	**2**	**0**	**0**	**1**	**3**	**4**	**2**	**2[illegible]**
1800	2	0	0	1—10	2	5	2	2	1	0	1	1	0	0	2	2	1
				11—27	1	2	4	0	0	1	0	0	0	0	2	1	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	
				All speeds	**3**	**7**	**6**	**2**	**1**	**1**	1	**1**	**0**	**0**	**4**	**3**	**2**
2100	5	0	0	1—10	1	3	5	3	1	2	0	1	2	0	4	1	2
				11—27	0	0	0	0	0	0	0	0	0	1	1	1	
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	
				All speeds	**1**	**3**	**5**	**3**	**1**	**2**	**0**	**1**	**2**	**1**	**5**	**2**	**2**

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

MOSTAFA HELMI (A) — MARCH 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	2	0	0	1—10	1	0	4	1	3	0	1	0	0	1	2	1	14
				11—27	3	2	4	1	1	0	2	0	0	0	2	0	15
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	2	8	2	4	0	3	0	0	1	4	1	29
0300	0	0	0	1—10	0	4	3	1	1	2	0	0	4	0	0	1	16
				11—27	1	2	3	0	0	1	2	1	0	2	1	2	15
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	1	6	6	1	1	3	2	1	4	2	1	3	31
0600	0	0	0	1—10	0	4	1	1	1	0	0	0	2	1	0	1	11
				11—27	1	3	4	0	1	2	2	0	1	3	1	2	20
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	1	7	5	1	2	2	2	0	3	4	1	3	31
0900	3	0	0	1—10	0	1	3	2	0	0	0	0	0	1	2	0	9
				11—27	1	3	4	0	0	0	3	1	0	2	2	2	18
				28—47	0	0	0	0	0	0	1	0	0	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	1	4	7	2	0	0	4	1	0	3	4	2	28
1200	0	0	0	1—10	0	1	1	1	0	1	1	0	0	0	2	1	8
				11—27	2	5	4	1	0	0	1	2	1	1	3	2	22
				28—47	0	0	0	0	0	0	1	0	0	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	6	5	2	0	1	3	2	1	1	5	3	31
1500	0	0	0	1—10	1	2	2	1	0	0	2	0	0	1	0	1	10
				11—27	2	6	3	0	0	1	1	1	0	0	4	2	20
				28—47	0	0	0	0	0	0	1	0	0	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	3	8	5	1	0	1	4	1	0	1	4	3	31
1800	0	0	0	1—10	1	2	0	3	1	0	1	0	0	1	0	0	9
				11—27	4	5	5	1	0	0	1	0	0	0	2	3	21
				28—47	0	0	0	0	0	0	0	0	0	0	0	1	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	5	7	5	4	1	0	2	0	0	1	2	4	31
2100	1	0	0	1—10	2	2	1	1	2	0	1	0	0	0	1	3	13
				11—27	1	5	5	3	0	0	0	0	0	0	1	1	16
				28—47	0	0	0	0	0	0	0	0	0	1	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	3	7	6	4	2	0	1	0	0	1	2	4	30

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

ABBASIYA (H.Q)—MARCH 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
				1—10	2	2	3	2	0	2	0	0	2	3	2	4	22
0000	9	0	0	11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**2**	**3**	**2**	**0**	**2**	**0**	**0**	**2**	**3**	**2**	**4**	**22**
				1—10	4	6	0	1	1	1	3	1	0	1	3	0	21
				11—27	0	0	0	0	0	0	0	0	1	0	0	0	1
0300	9	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**6**	**0**	**1**	**1**	**1**	**3**	**1**	**1**	**1**	**3**	**0**	**22**
				1—10	8	2	3	0	0	1	2	2	1	2	2	2	25
				11—27	0	1	0	0	0	0	0	0	0	0	1	0	2
0600	4	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**8**	**3**	**3**	**0**	**0**	**1**	**2**	**2**	**1**	**2**	**3**	**2**	**27**
				1—10	5	5	1	0	0	0	0	1	3	2	3	4	24
				11—27	0	2	0	0	0	0	3	0	1	0	0	0	6
0900	1	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**5**	**7**	**1**	**0**	**0**	**0**	**3**	**1**	**4**	**2**	**3**	**4**	**30**
				1—10	5	3	2	0	0	0	1	1	1	2	1	5	21
				11—27	1	1	1	0	0	0	2	1	2	2	0	0	10
1200	0	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**6**	**4**	**3**	**0**	**0**	**0**	**3**	**2**	**3**	**4**	**1**	**5**	**31**
				1—10	3	5	0	0	0	2	3	1	0	1	2	10	27
				11—27	2	0	0	0	0	0	1	0	0	0	1	0	4
1500	0	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**5**	**5**	**0**	**0**	**0**	**2**	**4**	**1**	**0**	**1**	**3**	**10**	**31**
				1—10	7	5	2	1	0	0	2	0	1	0	4	2	24
				11—27	0	0	1	0	0	0	0	0	0	0	1	0	2
1800	5	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**7**	**5**	**3**	**1**	**0**	**0**	**2**	**0**	**1**	**0**	**5**	**2**	**26**
				1—10	4	6	3	2	0	1	1	0	0	3	0	4	24
				11—27	0	0	0	0	0	0	0	0	0	1	0	0	1
2100	6	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**6**	**3**	**2**	**0**	**1**	**1**	**0**	**0**	**4**	**0**	**4**	**25**

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

ALMAZA (A) — MARCH 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	1	0	0	1—10	1	3	4	4	1	1	3	1	0	3	3	0	24
				11—27	0	0	0	0	2	1	2	0	0	1	0	0	6
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**3**	**4**	**4**	**3**	**2**	**5**	**1**	**0**	**4**	**3**	**0**	**30**
0300	0	0	0	1—10	0	0	7	1	1	2	1	1	1	2	3	2	21
				11—27	0	0	2	0	2	1	2	1	1	0	1	0	10
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**9**	**1**	**3**	**3**	**3**	**2**	**2**	**2**	**4**	**2**	**31**
0600	0	0	0	1—10	1	3	8	1	2	2	0	2	0	2	1	2	24
				11—27	0	1	2	0	0	0	1	1	0	1	1	0	7
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**4**	**10**	**1**	**2**	**2**	**1**	**3**	**0**	**3**	**2**	**2**	**31**
0900	0	0	0	1—10	2	2	5	3	0	0	0	0	2	0	4	2	20
				11—27	0	0	3	0	0	1	0	2	1	1	1	1	10
				28—47	0	0	0	0	0	0	1	0	0	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**2**	**8**	**3**	**0**	**1**	**1**	**2**	**3**	**1**	**5**	**3**	**31**
1200	0	0	0	1—10	0	5	3	1	0	0	0	0	1	2	5	1	18
				11—27	0	2	3	0	0	0	0	3	2	1	2	0	13
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**7**	**6**	**1**	**0**	**0**	**0**	**3**	**3**	**3**	**7**	**1**	**31**
1500	0	0	0	1—10	4	3	6	0	0	0	0	2	2	0	1	3	21
				11—27	0	3	0	1	0	0	1	2	0	0	2	1	10
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**6**	**6**	**1**	**0**	**0**	**1**	**4**	**2**	**0**	**3**	**4**	**31**
1800	0	0	0	1—10	1	3	7	1	1	0	0	0	0	1	3	1	19
				11—27	0	1	4	3	1	0	1	0	0	0	2	0	12
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**4**	**11**	**4**	**2**	**0**	**1**	**0**	**0**	**1**	**5**	**1**	**31**
2100	0	0	0	1—10	0	3	8	2	3	2	0	0	0	3	1	3	25
				11—27	0	0	4	0	1	0	0	0	0	1	0	0	6
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**3**	**12**	**2**	**4**	**2**	**0**	**0**	**0**	**4**	**1**	**3**	**31**

Table A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

GIZA — MARCH 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the radges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	0	0	31	1-10	0	0	0	0	0	0	0	0	0	0	0	0	0
				11-27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	0	0	0	0	0	0	0	0	0	0	0	0
0300	0	0	31	1-10	0	0	0	0	0	0	0	0	0	0	0	0	0
				11-27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	0	0	0	0	0	0	0	0	0	0	0	0
0600	0	0	4	1-10	3	5	1	0	1	1	4	0	0	2	4	3	24
				11-27	1	1	0	0	0	0	1	0	0	0	0	0	3
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	6	1	0	1	1	5	0	0	2	4	3	27
0900	0	0	0	1-10	2	5	4	0	0	2	0	2	2	4	0	3	24
				11-27	0	1	2	0	0	1	1	0	0	0	2	0	7
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	6	6	0	0	3	1	2	2	4	2	3	31
1200	0	0	0	1-10	4	5	2	0	0	1	1	1	0	1	3	3	21
				11-27	0	2	2	0	0	1	1	2	1	1	0	0	10
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	7	4	0	0	2	2	3	1	2	3	3	31
1500	0	0	1	1-10	5	8	0	0	0	3	3	0	0	2	1	4	26
				11-27	1	3	0	0	0	0	0	0	0	0	0	0	4
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	6	11	0	0	0	3	3	0	0	2	1	4	30
1800	0	0	2	1-10	4	3	5	2	0	1	1	0	0	0	1	3	20
				11-27	0	4	1	0	0	0	0	0	0	0	1	3	9
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	7	6	2	0	1	1	0	0	0	2	6	29
2100	0	0	31	1-10	0	0	0	0	0	0	0	0	0	0	0	0	0
				11-27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIBECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

HELWAN — MARCH 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number in cases of occurences of wind blowing from tbe ranges of directions indicated												All directions
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	
				1—10	3	0	4	3	3	0	0	0	1	0	1	5	20
				11—27	0	2	4	3	1	0	0	0	0	1	0	0	11
0000	0	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**2**	**8**	**6**	**4**	**0**	**0**	**0**	**1**	**1**	**1**	**5**	**31**
				1—10	2	3	2	2	4	1	0	0	0	1	0	2	17
				11—27	1	2	3	2	0	0	1	0	0	1	0	0	10
0300	3	0	0	28—47	0	0	1	0	0	0	0	0	0	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**5**	**6**	**4**	**4**	**1**	**1**	**0**	**0**	**2**	**0**	**2**	**28**
				1—10	2	3	1	1	1	2	1	0	0	2	0	2	15
				11—27	2	1	2	1	2	0	0	0	0	0	0	0	8
0600	8	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**4**	**3**	**2**	**3**	**2**	**1**	**0**	**0**	**2**	**0**	**2**	**23**
				1—10	1	3	1	0	1	0	3	2	0	0	1	2	14
				11—27	0	1	3	2	1	0	1	0	0	2	0	1	11
0900	5	0	0	28—47	0	1	0	0	0	0	0	0	0	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**5**	**4**	**2**	**2**	**0**	**4**	**2**	**0**	**2**	**1**	**3**	**26**
				1—10	1	0	2	0	0	0	1	1	3	1	1	3	13
				11—27	0	4	1	0	1	0	3	0	1	2	3	1	16
1200	2	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**4**	**3**	**0**	**1**	**0**	**4**	**1**	**4**	**3**	**4**	**4**	**29**
				1—10	1	0	2	0	0	0	3	2	0	3	4	3	18
				11—27	0	5	0	0	0	0	0	0	0	1	3	0	9
1500	3	0	0	28—47	0	0	0	0	0	0	1	0	0	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**5**	**2**	**0**	**0**	**0**	**4**	**2**	**0**	**4**	**7**	**3**	**28**
				1—10	2	0	0	0	0	1	1	1	0	1	3	0	9
				11—27	2	3	3	0	0	0	0	0	0	0	1	8	17
1800	5	0	0	28—47	0	1	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**4**	**3**	**0**	**0**	**1**	**1**	**1**	**0**	**1**	**4**	**8**	**26**
				1—10	1	1	2	1	1	0	0	0	0	1	0	3	10
				11—27	0	4	7	2	0	0	0	0	0	1	1	3	18
2100	3	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**5**	**9**	**3**	**1**	**0**	**0**	**0**	**0**	**2**	**1**	**6**	**28**

TABLE A 10.- NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

MINYA (A) — MARCH 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	2	0	0	1—10	8	1	0	0	0	7	0	0	0	0	1	10	27
				11—27	1	0	0	0	0	0	0	0	0	0	1	0	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**9**	**1**	**0**	**0**	**0**	**7**	**0**	**0**	**0**	**0**	**2**	**10**	**29**
0300	9	0	0	1—10	7	0	0	0	0	5	1	0	0	0	0	7	20
				11—27	2	0	0	0	0	0	0	0	0	0	0	0	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**9**	**0**	**0**	**0**	**0**	**5**	**1**	**0**	**0**	**0**	**0**	**7**	**22**
0600	2	0	0	1—10	10	1	1	0	0	5	4	0	0	0	3	2	26
				11—27	2	1	0	0	0	0	0	0	0	0	0	0	3
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**12**	**2**	**1**	**0**	**0**	**5**	**4**	**0**	**0**	**0**	**3**	**2**	**29**
0900	1	0	0	1—10	7	2	0	0	0	0	3	3	2	1	1	2	21
				11—27	3	1	0	0	0	2	1	0	0	0	0	2	9
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**10**	**3**	**0**	**0**	**0**	**2**	**4**	**3**	**2**	**1**	**1**	**4**	**30**
1200	1	0	0	1—10	8	3	1	0	0	1	6	1	1	2	1	2	23
				11—27	3	0	0	0	0	0	0	0	0	0	0	1	7
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**11**	**3**	**1**	**0**	**0**	**1**	**6**	**1**	**1**	**2**	**1**	**3**	**30**
1500	2	0	0	1—10	8	2	0	0	0	4	1	1	1	1	1	4	23
				11—27	3	1	0	0	0	1	0	0	0	0	0	1	6
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**11**	**3**	**0**	**0**	**0**	**5**	**1**	**1**	**1**	**1**	**1**	**5**	**29**
1800	4	0	0	1—10	5	6	0	0	3	4	0	0	0	0	1	3	22
				11—27	3	0	0	0	0	0	0	0	0	0	2	0	5
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**8**	**6**	**0**	**0**	**3**	**4**	**0**	**0**	**0**	**0**	**3**	**3**	**27**
2100	8	0	0	1—10	5	1	0	0	0	5	1	0	1	0	0	5	18
				11—27	4	0	0	0	0	0	0	0	0	0	0	1	5
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**9**	**1**	**0**	**0**	**0**	**5**	**1**	**0**	**1**	**0**	**0**	**6**	**23**

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

ASSYOUT (A) - - MARCH 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	7	0	0	1—10	0	0	1	2	2	1	0	0	3	11	0	1	21
				11—27	0	0	0	0	0	0	1	0	0	2	0	0	3
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**1**	**2**	**2**	**1**	**1**	**0**	**3**	**13**	**0**	**1**	**24**
0300	14	0	0	1—10	0	0	1	1	1	0	0	0	1	8	0	2	14
				11—27	0	0	0	0	0	0	0	0	0	0	2	1	3
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**1**	**1**	**1**	**0**	**0**	**0**	**1**	**8**	**2**	**3**	**17**
0600	12	0	0	1—10	0	0	0	3	2	0	0	0	0	5	4	2	16
				11—27	0	0	0	0	0	0	0	0	0	1	1	1	3
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**3**	**2**	**0**	**0**	**0**	**0**	**6**	**5**	**3**	**19**
0900	15	0	0	1—10	1	1	1	0	1	0	0	0	1	1	2	1	9
				11—27	0	1	0	0	1	0	0	0	0	0	0	5	7
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**2**	**1**	**0**	**2**	**0**	**0**	**0**	**1**	**1**	**2**	**6**	**16**
1200	2	0	0	1—10	0	1	0	0	1	0	0	0	2	0	2	3	9
				11—27	11	0	1	3	0	1	0	1	0	1	0	2	20
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**11**	**1**	**1**	**3**	**1**	**1**	**0**	**1**	**2**	**1**	**2**	**5**	**29**
1500	2	0	0	1—10	5	1	1	3	0	0	1	0	0	1	2	6	20
				11—27	1	0	0	0	1	2	0	0	1	0	1	3	9
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**6**	**1**	**1**	**3**	**1**	**2**	**1**	**0**	**1**	**1**	**3**	**9**	**29**
1800	12	0	0	1—10	1	0	0	0	0	1	3	0	2	4	2	2	15
				11—27	1	0	0	0	0	0	0	0	0	1	1	1	4
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**0**	**0**	**0**	**0**	**1**	**3**	**0**	**2**	**5**	**3**	**3**	**19**
2100	14	0	0	1—10	0	0	0	0	0	1	2	0	4	5	1	2	15
				11—27	0	0	0	0	0	0	0	0	0	0	2	0	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**0**	**1**	**2**	**0**	**4**	**5**	**3**	**2**	**17**

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

LUXOR (A) — MARCH 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
				1—10	2	6	1	1	3	1	4	5	1	0	0	3	27
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
0000	4	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**6**	**1**	**1**	**3**	**1**	**4**	**5**	**1**	**0**	**0**	**3**	**27**
				1—10	2	2	0	3	2	0	1	0	4	0	0	1	15
				11—27	0	0	0	0	0	0	0	0	0	0	0	1	1
0300	15	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**2**	**0**	**3**	**2**	**0**	**1**	**0**	**4**	**0**	**0**	**2**	**16**
				1—10	3	3	1	2	3	3	0	1	1	1	1	0	19
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
0600	12	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**3**	**1**	**2**	**3**	**3**	**0**	**1**	**1**	**1**	**1**	**0**	**19**
				1—10	2	7	5	2	1	0	0	2	2	2	2	5	30
				11—27	0	1	0	0	0	0	0	0	0	0	0	0	1
0900	0	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**8**	**5**	**2**	**1**	**0**	**0**	**2**	**2**	**2**	**2**	**5**	**31**
				1—10	6	6	3	0	0	0	2	1	0	1	2	8	29
				11—27	0	1	0	0	0	0	0	0	0	0	0	0	1
1200	1	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**6**	**7**	**3**	**0**	**0**	**0**	**2**	**1**	**0**	**1**	**2**	**8**	**30**
				1—10	10	3	1	1	0	2	0	2	1	0	2	6	28
				11—27	0	0	0	0	0	0	0	0	0	0	0	1	1
1500	2	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**10**	**3**	**1**	**1**	**0**	**2**	**0**	**2**	**1**	**0**	**2**	**7**	**29**
				1—10	5	0	1	2	1	0	0	0	1	0	0	7	17
				11—27	0	0	0	0	0	0	1	0	0	0	0	0	1
1800	13	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**5**	**0**	**1**	**2**	**1**	**0**	**1**	**0**	**1**	**0**	**0**	**7**	**18**
				1—10	3	5	1	1	1	0	5	3	6	0	2	0	27
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
2100	4	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**5**	**1**	**1**	**1**	**0**	**5**	**3**	**6**	**0**	**2**	**0**	**27**

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

ASWAN (A) — MARCH 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												All directions
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	
0000	14	0	0	1—10	12	1	0	0	0	0	1	0	0	0	0	1	15
				11—27	1	0	0	0	0	0	0	0	1	0	0	0	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**13**	**1**	**0**	**0**	**0**	**0**	1	**0**	**1**	**0**	**0**	**1**	**17**
0300	10	0	0	1—10	12	2	1	0	0	0	0	0	0	0	0	4	19
				11—27	2	0	0	0	0	0	0	0	0	0	0	0	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**14**	**2**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**4**	**21**
0600	4	0	0	1—10	19	0	0	0	0	0	1	0	0	0	0	0	21
				11—27	6	0	0	0	0	0	0	0	1	0	0	0	**6**
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**25**	0	**0**	**0**	**0**	**0**	**1**	**0**	**1**	**0**	**0**	**0**	27
0900	7	0	0	1—10	5	3	1	1	0	2	1	0	0	0	0	0	13
				11—27	9	1	0	0	0	0	0	1	0	0	0	0	11
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**14**	**4**	**1**	**1**	**0**	**2**	**1**	**1**	**0**	**0**	**0**	**0**	**24**
1200	8	0	0	1—10	11	3	0	0	1	0	2	0	0	0	0	0	17
				11—27	5	0	0	0	0	0	0	0	1	0	0	0	6
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**16**	**3**	**0**	**0**	1	**0**	2	**0**	**1**	**0**	0	**0**	**23**
1500	6	0	0	1—10	11	0	1	0	0	0	1	0	1	1	0	0	15
				11—27	9	0	0	0	0	0	0	0	0	1	0	0	10
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**20**	**0**	**1**	**0**	**0**	**0**	**1**	**0**	**1**	**2**	**0**	**0**	**25**
1800	5	0	0	1—10	15	1	0	0	0	0	2	0	0	2	0	1	21
				11—27	4	0	0	0	0	0	0	0	0	0	0	0	**4**
				28—47	1	0	0	0	0	0	0	0	0	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**20**	**1**	**0**	**0**	**0**	**0**	**2**	**0**	**0**	2	**0**	**1**	**26**
2100	8	0	0	1—10	13	1	1	1	0	0	1	0	0	1	0	1	19
				11—27	4	0	0	0	0	0	0	0	0	0	0	0	4
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**17**	**1**	**1**	**1**	**0**	**0**	**1**	**0**	**0**	**1**	0	**1**	**23**

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

SIWA — MARCH 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												All directions
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	
0000	2	0	0	1—10	0	1	6	7	1	1	0	0	0	1	2	1	20
				11—27	2	0	1	3	0	0	1	0	0	0	0	1	8
				28—47	0	0	0	0	0	0	1	0	0	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	1	7	10	1	1	2	0	0	1	2	2	29
0300	4	0	0	1—10	1	3	2	6	5	0	1	0	1	1	1	0	21
				11—27	0	1	1	0	0	0	1	0	0	0	3	0	6
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	1	4	3	6	5	0	2	0	1	1	4	0	27
0600	5	0	0	1—10	1	1	2	3	6	1	0	0	0	2	3	0	19
				11—27	0	1	0	3	1	0	0	1	0	0	0	1	7
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	1	2	2	6	7	1	0	1	0	2	3	1	26
0900	0	0	0	1—10	3	1	1	0	1	1	1	0	0	0	0	0	8
				11—27	0	1	1	3	6	5	1	0	0	1	2	1	21
				28—47	0	0	0	0	0	0	0	0	1	0	0	1	2
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	3	2	2	3	7	6	2	0	1	1	2	2	31
1200	0	0	0	1—10	1	0	1	0	1	1	0	0	1	1	0	1	7
				11—27	3	1	0	3	3	4	3	0	1	1	4	1	24
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	1	1	3	4	5	3	0	2	2	4	2	31
1500	1	0	0	1—10	0	0	1	1	0	2	0	0	0	1	0	2	8
				11—27	3	1	1	1	3	2	3	0	0	5	1	3	22
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	3	1	2	2	3	4	3	0	0	6	1	5	30
1800	2	0	0	1—10	5	2	1	3	0	0	1	0	1	0	3	4	20
				11—27	0	0	1	1	4	0	1	0	0	0	2	0	9
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	5	2	2	4	4	0	2	0	1	0	5	4	29
2100	5	0	0	1—10	2	0	3	5	1	0	0	0	1	3	1	1	17
				11—27	0	1	1	2	1	0	1	0	0	0	1	1	8
				28—47	0	0	0	0	0	1	0	0	0	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	1	4	7	2	1	1	0	1	3	2	2	26

TABLE A 10—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

BAHARIYA — MARCH 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	13	0	0	1—10	6	2	2	1	0	0	0	0	0	1	0	0	12
				11—27	1	0	0	0	0	2	0	0	0	2	0	1	6
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	7	2	2	1	0	2	0	0	0	3	0	1	18
0300	21	0	0	1—10	1	1	1	1	0	0	0	0	0	0	1	0	5
				11—27	1	1	0	0	0	0	1	0	0	1	1	0	5
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	2	1	1	0	0	1	0	0	1	2	0	10
0600	17	0	0	1—10	3	2	1	0	0	0	1	0	1	0	0	0	8
				11—27	1	1	0	0	0	0	1	0	0	1	1	1	6
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	3	1	0	0	0	2	0	1	1	1	1	14
0900	0	0	0	1—10	1	3	2	2	3	2	0	1	0	1	2	3	20
				11—27	1	2	1	1	0	0	1	1	0	1	1	1	10
				28—47	0	0	0	0	0	0	1	0	0	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	5	3	3	3	2	2	2	0	2	3	4	31
1200	0	0	0	1—10	2	4	1	2	1	0	2	0	1	0	1	2	16
				11—27	2	1	0	1	0	2	1	2	0	2	2	1	14
				28—47	0	0	0	0	0	0	0	1	0	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	5	1	3	1	3	3	3	1	2	3	3	31
1500	3	0	0	1—10	3	0	2	1	2	1	1	1	0	1	0	3	15
				11—27	1	2	0	0	0	1	4	0	0	0	2	2	12
				28—47	0	0	0	0	0	0	0	0	0	1	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	2	2	1	2	2	5	1	0	2	2	5	28
1800	5	0	0	1—10	3	3	0	3	3	1	3	1	0	0	2	3	22
				11—27	0	0	1	0	0	0	0	0	0	0	1	1	3
				28—47	0	0	0	0	0	0	0	0	0	0	1	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	3	3	1	3	3	1	3	1	0	0	4	4	26
2100	11	0	0	1—10	4	4	0	0	0	0	0	1	0	1	1	3	14
				11—27	0	1	1	0	0	2	0	0	1	0	1	0	6
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	5	1	0	0	2	0	1	1	1	2	3	20

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

FARAFRA—MARCH 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from tht ranges of directions indicated												
					345/014	015/044	045/074	075/104	105/134	135/164	165/194	195/224	225/254	255/284	285/314	315/344	All directions
0000	7	0	0	1—10	4	2	0	2	0	1	2	3	1	2	0	1	18
				11—27	0	3	0	0	0	1	0	0	0	0	1	1	6
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**5**	**0**	**2**	**0**	**2**	**2**	**3**	**1**	**2**	**1**	**2**	**24**
0300	19	0	0	1—10	1	2	1	0	0	0	0	3	0	0	0	0	7
				11—27	1	2	0	0	0	0	0	0	0	0	2	0	5
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**4**	**1**	**0**	**0**	**0**	**0**	**3**	**0**	**0**	**2**	**0**	**12**
0600	16	0	0	1—10	1	4	0	0	0	0	0	1	1	2	1	1	11
				11—27	1	1	0	0	0	0	0	0	0	1	1	0	4
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**5**	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**3**	**2**	**1**	**15**
0900	5	0	0	1—10	1	1	3	5	1	2	0	1	0	1	1	2	18
				11—27	0	1	3	0	0	0	0	1	0	0	1	2	8
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**2**	**6**	**5**	**1**	**2**	**0**	**2**	**0**	**1**	**2**	**4**	**26**
1200	3	0	0	1—10	1	0	1	2	3	0	1	3	0	1	0	3	15
				11—27	0	1	3	0	1	1	0	2	0	1	2	1	12
				28—47	0	0	0	0	0	0	0	0	0	1	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**1**	**4**	**2**	**4**	**1**	**1**	**5**	**0**	**3**	**2**	**4**	**28**
1500	0	0	0	1—10	3	1	5	1	2	4	1	1	1	0	2	1	22
				11—27	2	0	3	0	0	0	0	0	0	1	1	0	7
				28—47	0	0	0	0	0	0	0	0	0	0	2	0	2
				≥48	0	0	0	1	0	0	0	0	0	0	0	0	0
				All speeds	**5**	**1**	**8**	**1**	**2**	**4**	**1**	**1**	**1**	**1**	**5**	**1**	**31**
1800	2	0	0	1—10	3	1	5	3	1	2	1	1	0	1	2	2	22
				11—27	1	0	2	0	0	1	0	0	0	0	1	1	6
				28—47	0	0	0	0	0	0	0	0	0	1	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**1**	**7**	**3**	**1**	**3**	**1**	**1**	**0**	**0**	**0**	**3**	**29**
2100	8	0	0	1—10	5	0	2	1	0	1	1	2	0	1	0	2	15
				11—27	1	1	2	0	0	1	0	0	0	0	2	0	7
				28—47	0	0	0	0	0	0	0	0	0	0	1	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**6**	**1**	**4**	**1**	**0**	**2**	**1**	**2**	**0**	**1**	**3**	**2**	**23**

TABLE A 10—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

DAKHLA—MARCH 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	5	0	0	1—10	1	0	0	8	1	2	3	1	1	2	3	1	23
				11—27	1	0	0	0	0	0	0	0	0	0	0	2	3
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**0**	**0**	**8**	**1**	**2**	**3**	**1**	**1**	**2**	**3**	**3**	**26**
0300	8	0	0	1—10	0	2	0	4	1	3	2	3	0	2	4	0	21
				11—27	0	0	0	0	0	0	0	0	0	0	0	2	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**2**	**0**	**4**	**1**	**3**	**2**	**3**	**0**	**2**	**4**	**2**	**23**
0600	7	0	0	1—10	3	2	0	6	3	0	1	2	0	3	2	1	23
				11—27	0	0	0	0	0	0	0	0	0	0	1	0	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**2**	**0**	**6**	**3**	**0**	**1**	**2**	**0**	**3**	**3**	**1**	**24**
0900	0	0	0	1—10	1	4	5	6	3	0	0	0	0	0	1	3	23
				11—27	2	0	0	0	2	0	0	0	0	0	2	2	8
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**4**	**5**	**6**	**5**	**0**	**0**	**0**	**0**	**0**	**3**	**5**	**31**
1200	0	0	0	1—10	3	2	2	1	0	1	2	1	1	0	4	3	20
				11—27	1	0	0	0	1	2	2	0	1	0	1	3	11
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**2**	**2**	**1**	**1**	**3**	**4**	**1**	**2**	**0**	**5**	**6**	**31**
1500	0	0	0	1—10	2	3	1	0	0	3	2	0	0	0	3	7	21
				11—27	4	0	0	0	0	2	0	2	0	0	1	1	10
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**6**	**3**	**1**	**0**	**0**	**5**	**2**	**2**	**0**	**0**	**4**	**8**	**31**
1800	3	0	0	1—10	6	1	3	3	1	2	2	1	0	1	1	2	23
				11—27	1	0	0	0	1	0	0	0	0	0	1	2	5
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**7**	**1**	**3**	**3**	**2**	**2**	**2**	**1**	**0**	**1**	**2**	**4**	**28**
2100	2	0	0	1—10	0	3	4	3	3	2	1	1	1	6	0	0	24
				11—27	2	0	0	0	0	0	0	0	0	0	1	2	5
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**3**	**4**	**3**	**3**	**2**	**1**	**1**	**1**	**6**	**1**	**2**	**29**

TABLE A 10 NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

KHARGA MARCH 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
				1—10	3	0	0	0	0	0	0	0	0	0	0	0	3
				11—27	3	0	0	0	0	0	0	0	0	0	1	0	4
0000	24	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**6**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**7**
				1—10	1	1	0	0	0	0	0	0	0	0	0	0	2
				11—27	3	0	1	0	0	0	0	0	0	0	0	0	4
0300	25	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**1**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**6**
				1—10	5	0	0	0	0	0	0	0	0	0	0	0	5
				11—27	3	0	0	0	0	0	0	0	0	0	0	1	4
0600	22	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**8**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**9**
				1—10	5	1	0	0	0	1	0	0	0	0	0	0	7
				11—27	5	1	0	0	0	0	0	0	0	0	0	0	6
0900	18	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**10**	**2**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**13**
				1—10	6	1	0	0	1	0	1	0	0	1	0	0	10
				11—27	5	0	0	0	0	0	2	0	0	0	0	0	7
1200	14	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**11**	**1**	**0**	**0**	**1**	**0**	**3**	**0**	**0**	**1**	**0**	**0**	**17**
				1—10	8	0	0	1	0	0	1	1	0	0	0	0	11
				11—27	3	1	0	0	0	0	1	0	0	1	0	0	6
1500	14	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**11**	**1**	**0**	**1**	**0**	**0**	**2**	**1**	**0**	**1**	**0**	**0**	**17**
				1—10	4	0	0	0	0	0	1	0	0	0	0	0	5
				11—27	3	1	0	0	0	0	0	0	0	0	1	0	5
1800	21	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All sppeds	**7**	**1**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**1**	**0**	**10**
				1—10	4	0	0	0	0	0	0	0	0	0	0	0	4
				11—27	3	0	0	0	0	0	0	0	0	0	0	1	4
2100	22	0	0	28—47	0	0	0	0	0	0	1	0	0	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**7**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**1**	**9**

TABLE A 10—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

TOR—MARCH 1962

Hour (G.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												All directions
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	
0000	12	0	0	1–10	4	3	1	0	0	0	2	0	0	1	2	0	13
				11–27	0	0	0	0	0	0	0	0	1	2	3	0	6
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**3**	**1**	**0**	**0**	**0**	**2**	**0**	**1**	**3**	**5**	**0**	**19**
0300	9	0	0	1–10	4	5	0	0	0	0	0	0	0	2	2	3	16
				11–27	0	0	0	0	0	0	0	0	0	1	2	3	6
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**5**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**3**	**4**	**6**	**22**
0600	9	0	0	1–10	4	1	0	0	0	1	1	0	0	1	2	3	13
				11–27	0	0	0	0	0	0	0	0	0	0	4	5	9
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**1**	**0**	**0**	**0**	**1**	**1**	**0**	**0**	**1**	**6**	**8**	**22**
0900	4	0	0	1–10	1	0	0	0	0	0	2	0	1	11	2	0	17
				11–27	0	0	0	0	0	0	1	0	0	2	4	3	10
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**0**	**0**	**0**	**0**	**3**	**0**	**1**	**13**	**6**	**3**	**27**
1200	2	0	0	1–10	0	0	0	0	0	0	2	0	2	8	4	0	16
				11–27	0	0	0	0	0	0	3	0	0	3	6	1	13
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**0**	**0**	**5**	**0**	**2**	**11**	**10**	**1**	**29**
1500	7	0	0	1–10	0	0	0	0	0	0	2	3	0	3	4	0	12
				11–27	0	0	0	0	0	1	2	0	0	2	5	2	12
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**0**	**1**	**4**	**3**	**0**	**5**	**9**	**2**	**24**
1800	9	0	0	1–10	0	0	0	**1**	0	3	1	0	0	4	7	1	17
				11–27	1	0	0	0	0	1	1	0	0	0	1	1	5
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**0**	**1**	**0**	**4**	**2**	**0**	**0**	**4**	**8**	**2**	**22**
2100	16	0	0	1–10	1	2	0	1	0	0	0	0	0	3	0	1	8
				11–27	0	0	0	0	0	1	1	0	0	1	3	1	7
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**2**	**0**	**1**	**0**	**1**	**1**	**0**	**0**	**4**	**3**	**2**	**15**

TABLE A 10 NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

HURGHADA—MARCH 1962

Hour (G.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												All directions
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	
0000	0	0	2	1—10	1	0	0	0	0	0	2	0	2	2	7	3	17
				11—27	0	0	0	0	0	0	0	0	0	0	5	6	11
				28—47	0	0	0	0	0	0	0	0	0	0	1	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**0**	**0**	**0**	**0**	**2**	**0**	**2**	**2**	**13**	**9**	**29**
0300	0	0	4	1—10	0	0	0	0	0	1	1	0	2	3	6	1	14
				11—27	0	0	0	0	0	0	0	0	0	0	4	8	12
				28—47	0	0	0	0	0	0	0	0	0	0	0	1	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**0**	**2**	**3**	**10**	**10**	**27**
0600	0	0	5	1—10	0	0	0	0	0	1	0	0	0	2	4	5	12
				11—27	0	0	0	0	0	0	0	0	0	1	6	7	14
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**3**	**10**	**12**	**26**
0900	0	0	1	1—10	1	3	1	2	2	0	0	0	0	0	0	2	11
				11—27	6	0	0	0	1	0	0	0	0	0	0	10	17
				28—47	0	0	0	0	0	0	0	0	0	0	0	2	2
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	7	3	**1**	**2**	**3**	**0**	**0**	**0**	**0**	**0**	**0**	**14**	**30**
1200	0	0	0	1—10	2	5	2	3	1	1	0	0	0	0	0	**0**	14
				11—27	10	1	0	1	2	0	0	0	0	0	0	2	16
				28—47	1	0	0	0	0	0	0	0	0	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**13**	**6**	**2**	4	3	**1**	**0**	**0**	**0**	**0**	**0**	2	**31**
1500	0	0	0	1—10	6	1	1	1	4	4	0	0	0	0	0	1	18
				11—27	4	0	0	0	3	0	0	0	0	0	0	6	13
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**10**	**1**	**1**	**1**	**7**	**4**	**0**	**0**	**0**	**0**	**0**	**7**	**31**
1800	0	0	5	1—10	0	0	0	0	2	3	2	1	0	2	2	3	15
				11—27	0	0	0	0	2	1	0	0	0	0	0	8	11
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**4**	**4**	**2**	**1**	**0**	**2**	**2**	**11**	**26**
2100	0	0	4	1—10	1	0	0	0	0	1	1	0	1	0	5	4	13
				11—27	0	0	0	0	0	2	0	0	0	2	4	5	13
				28—47	0	0	0	0	0	0	0	0	0	0	0	1	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**0**	**0**	**0**	**3**	**1**	**0**	**1**	**2**	**9**	**10**	**27**

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

QUSEIR—MARCH 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	6	0	0	1—10	0	0	0	0	0	0	1	1	0	14	3	2	21
				11—27	0	0	0	0	0	0	0	0	0	0	2	2	4
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**0**	**14**	**5**	**4**	**25**
0300	6	0	0	1—10	0	0	0	0	0	0	0	0	0	15	5	1	21
				11—27	0	0	0	0	0	0	0	0	0	1	1	2	4
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**16**	**6**	**3**	**25**
0600	5	0	0	1—10	0	0	0	0	0	0	1	0	0	13	2	3	19
				11—27	1	0	0	0	0	0	0	0	0	0	1	5	7
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**13**	**3**	**8**	**26**
0900	0	0	0	1—10	8	3	1	4	1	0	0	0	0	0	0	0	17
				11—27	7	0	0	0	1	0	0	0	0	1	0	5	14
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**15**	**3**	**1**	**4**	**2**	**0**	**0**	**0**	**0**	**1**	**0**	**5**	**31**
1200	0	0	0	1—10	8	1	5	4	0	0	0	0	0	0	0	0	18
				11—27	10	1	0	0	2	0	0	0	0	0	0	0	13
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**18**	**2**	**5**	**4**	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**31**
1500	1	0	0	1—10	6	2	5	2	3	2	0	0	0	0	0	3	23
				11—27	5	0	0	0	0	0	0	0	0	0	0	2	7
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**11**	**2**	**5**	**2**	**3**	**2**	**0**	**0**	**0**	**0**	**0**	**5**	**30**
1800	10	0	0	1—10	0	0	0	0	0	2	4	0	0	2	4	6	18
				11—27	1	0	0	0	0	0	0	0	0	0	0	2	3
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**0**	**0**	**0**	**2**	**4**	**0**	**0**	**2**	**4**	**8**	**21**
2100	11	0	0	1—10	1	0	0	0	0	1	0	0	0	6	8	2	18
				11—27	0	0	0	0	0	0	0	0	0	0	1	1	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**6**	**9**	**3**	**20**

TABLE B 1.—UPPER AIR CLIMATOLOGICAL DATA

MERSA MATRUH (A)—0000 U. T. — MARCH 1962

Pressure surfase (millibar)	Heights of pressure surfaces (gpm.)				Temperature (°C)				Dew point (°C)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
		*	*	*						
Surface of station . .	31	1010mb.	1015mb.	998mb.	31	14.3	17.8	10.0	31	9.7
1000	31	122	167	26	29	11.5	19.0	10.9	29	9.4
850	31	1490	1531	1423	30	10.6	22.1	2.7	28	— 2.3
700	31	3083	3136	2968	31	1.7	8.5	— 7.9	21	— 9.5
600	31	4300	4375	4228	31	— 6.4	— 1.1	—15.9	15	—17.2
500	31	5705	5794	5514	31	—19.5	—11.9	25.3	9	—23.3
400	31	7344	7458	7153	31	—29.0	—20.6	—39.2	8	—31.6
300	31	9333	9498	9048	31	—43.6	—34.0	—51.9	1	—39.6
200	30	11973	12187	11581	30	—54.7	—47.7	—61.0	—	—
150	29	13789	13974	13400	29	—59.4	—55.0	—66.0	—	—
100	27	16296	16590	15936	27	—66.2	—60.0	—72.6	—	—
60	20	19399	19502	19096	20	—63.3	—59.6	—66.8	—	—
40	16	21941	22059	21829	16	—58.5	—55.3	—65·9	—	—
30	6	23756	23838	23704	6	—55.0	—51.7	—57.5	—	—
20	1	26274	26274	26274	1	—56.4	—56.4	—56.4	—	—
10	—	—	—	—	—	—	—	—	—	

N = Number of observations of specified pressure surfaces.

* The atmospheric pressure corrected to the elevation of the radiosonde station.

TABLE B 1.—UPPER AIR CLIMATOLOGICAL DATA

MERSA MATRUH (A)— 1200 U. T. — MARCH 1962

Pressure surface (millibar)	Heights of pressure surfaces (gpm.)				Temperature (°C)				Dew point (°C)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
		*	*	*						
Surface of station . .	31	1009mb.	1015mb.	999mb.	31	20.0	36.5	15.0	31	10.0
1000	31	120	160	18	31	19.1	36.8	13·6	31	8.5
850	31	1494	1529	1394	31	11.5	24.4	2.9	24	— 2.3
700	31	3095	3142	2989	31	3.1	9.4	— 3.2	18	— 9.1
600	31	4324	4396	4210	31	— 5.0	0.8	—10.3	16	—16.0
500	31	5730	5833	5616	31	—15.3	— 9.2	—21.1	17	—23.1
400	31	7374	7523	7239	31	—27.5	—19.9	—34.6	12	—33.2
300	31	9380	9597	9209	31	—43.9	—34.0	—49.0	2	—39.5
200	30	12028	12308	11806	30	—54.6	—48.3	—61.4	—	—
150	28	13867	14096	13699	28	—59.7	—54.9	—69.3	—	—
100	24	16360	16508	16183	24	—65.2	—59.0	—75.0	—	—
60	15	19479	19641	19276	15	—61.9	—56.5	—66.0	—	—
40	9	22002	22139	21822	9	—55.7	—53.5	—59.0	—	—
30	2	23833	23884	23782	2	—53.4	—52.8	—54.0	—	—
20	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—

N = Number of observations of specified pressure surfaces.

* The atmospheric pressure corrected to the elevation of the radiosonde station.

TABLE B 1.—UPPER AIR CLIMATOLOGICAL DATA

HELWAN —0000 U. T. — MARCH 1962

Pressure surface (millibar)	Heights of pressure surfaces (gpm.)				Temperature (°C)				Dew point (°C)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
		*	*	*						
Surface of station . .	31	996mb.	1001mb.	991mb.	31	16.4	26.2	11.4	31	3.9
1000	31	110	149	68	5	14.2	17.1	11.8	5	2.1
850	31	1487	1531	1430	31	13.1	25.6	3.0	21	—4.2
700	31	3090	3170	2994	31	4.2	11.6	—3.0	20	—11.5
600	31	4325	4430	4238	31	—4.3	—0.3	—10.3	15	—15.8
500	31	5734	5854	5648	31	—14.9	—11.0	—21.1	9	—22.7
400	31	7384	7524	7258	31	—27.2	—22.7	—34.4	14	—33.2
300	31	9391	9566	9208	31	—42.1	—36.0	—50.0	5	—39.5
200	30	11984	12261	11824	30	—54.2	—48.2	—61.5	—	—
150	24	13864	14059	13674	24	—59.7	—54.7	—64.9	—	—
100	16	16377	16513	16233	16	—67.7	—62.7	—72.8	—	—
60	6	19406	19550	19341	6	—65.0	—59.7	—71.4	—	—
40	4	21996	22064	21956	4	—55.5	—55.1	—63.0	—	—
30	3	23836	23894	23770	3	—54.3	—52.5	—57.0	—	—
20	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—

N = Number of observations of specified pressure surfaces.

* The atmospheric pressure corrected to the elevation of the radiosonde station.

TABLE B 1.—UPPER AIR CLIMATOLOGICAL DATA

HELWAN —1200 U. T. — MARCH 1962

Pressure surface (millibar)	Heights of pressure surfaces (gpm.)				Temperature (°C)				Dew point (°C)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
		*	*	*						
Surface of station . .	31	996mb.	1001mb.	985 mb.	31	25.9	35.0	16.0	31	2.9
1000	31	106	149	20	—	—	—	—	—	—
850	31	1494	1550	1437	31	13.1	23.6	3.6	26	—6.3
700	31	3099	3160	3037	31	4.2	10.7	—3.8	14	—13.6
600	31	4334	4413	4265	31	—4.1	—0.7	—10.7	11	—16.2
500	31	5743	5835	5648	31	—14.6	—10.6	—21.4	9	—21.0
400	31	7395	7510	7250	31	—27.0	—21.9	—35.4	9	—30.0
300	31	9406	9541	9190	31	—42.1	—34.5	—50.0	—	—
200	28	12055	12256	11790	28	—53.9	—50.0	—61.7	—	—
150	23	13887	14086	13605	23	—59.8	—55.1	—64.2	—	—
100	17	16372	16570	16092	17	—67.0	—59.5	—77.8	—	—
60	7	19421	19487	19348	7	—62.5	—59.3	—65.5	—	—
40	4	21922	21992	21880	4	59.0	—58.0	—59.4	—	—
30	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—

N = Number of observations of specified pressure surfaces.

* The atmospheric pressure corrected to the elevation of the radiosonde station.

TABLE B 1.—UPPER AIR CLIMATOLOGICAL DATA

ASWAN (A) — 0000 U.T. — MARCH 1962

Pressure surface (millibar)	Heights of pressure surfaces (gpm.)				Temperature (°C)				Dew point (°C)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
		*	*	*						
Surface of station . .	28	999mb.	1004mb.	994mb.	28	19.1	26.4	12.8	28	0.6
1000	10	120	140	106	10	17.4	19.2	13.5	7	0.8
850	28	1494	1537	1458	28	16.8	25.3	9.0	12	— 4.6
700	28	3115	3188	3056	28	6.0	11.2	— 0.8	7	—10.2
600	28	4355	4442	4288	28	— 2.9	2.9	—10.7	6	—17.2
500	28	5778	5877	5676	28	—12.7	— 5.4	—19.3	2	—28.2
400	28	7439	7565	7292	28	—25.1	—15.7	—33.2	1	—37.4
300	28	9467	9583	9253	28	—39.8	—35.0	—48.4	—	—
200	28	12154	12519	11891	28	—54.4	—42.1	—59.6	—	—
150	28	13950	14421	13611	28	—64.7	—53.1	—70.7	—	—
100	25	16376	16963	16115	25	—64.6	—63.6	—83.2	—	—
60	15	19409	20088	19235	15	—69.5	—58.7	—79.8	—	—
40	12	21886	22617	21596	12	—61.5	—55.2	—70.1	—	—
30	2	23460	23491	23430	2	—60.4	—56.3	—64.4	—	—
20	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—

N = Number of observations of specified pressure surfaces.

* The atmospheric pressure corrected to the elevation of the radiosonde station.

TABLE B 1.—UPPER AIR CLIMATOLOGICAL DATA

ASWAN (A)—1200 U. T. — MARCH 1962

Pressure surface (millibar)	Heights of pressure surfaces (gpm.)				Temperature (°C)				Dew point (°C)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
		*	*	*						
Surface of station . .	28	999mb.	1003mb.	994mb.	28	33.3	43.8	25.8	28	5.1
1000	13	113	132	106	13	30.3	35.6	25.7	10	4.6
850	28	1522	1564	1484	28	19.9	29.8	12.4	7	— 8.5
700	28	3162	3233	3105	28	9.0	16.2	0.6	6	—13.6
600	28	4426	4500	4325	28	— 0.7	5.8	— 9.1	3	—19.4
500	28	5850	5948	5713	28	— 9.7	— 2.8	—17.6	2	—21.2
400	28	7532	7659	7345	28	—22.6	—15.4	—29.6	2	—31.0
300	28	9579	9754	9336	28	—37.9	—29.0	—44.4	—	—
200	27	12277	12486	11974	27	—53.1	—48.9	—57.4	—	—
150	27	14087	14298	13782	27	—63.8	—57.5	—68.8	—	—
100	25	16502	16731	16196	25	—73.5	—68.7	—78.7	—	—
60	17	19515	19739	19241	17	—70.1	—66.0	—74.0	—	—
40	12	22061	22286	21707	12	—63.4	—54.5	—65.8	—	—
30	1	23754	—	—	1	—56.2	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—

N = Numbea of observation of specified pressure surfacts.

* The aumospheric p8essure cstrected to the cleuation of the radiosonde stotion.

TABLE B 2.- MEAN AND EXTREME VALUES OF THE FREEZING LEVEL AND THE TROPOPAUSE THE HIGHEST WIND SPEED IN THE UPPER AIR

0000 U.T. MARCH 1962

Station	Freezing level									First tropopause									Highest wind speed			
	Mean			Highest			Lowest			Mean			Highest			Lowest						
	Altitude (gpm.)	Pressure (mb.)	Dew point (°C)	Altitude (gpm.)	Pressure (mb.)	Dew point (°C)	Altitude (gpm.)	Pressure (mb.)	Dew point (°C)	Altitude (gpm.)	Pressure (mb.)	Temperature (°C)	Altitude (gpm.)	Pressure (mb.)	Temperature (°C)	Altitude (gpm.)	Pressure (mb.)	Temperature (°C)	Altitude (gpm.)	Pressure (mb.)	Direction (000 - 360)	Speed in knots
	(N)	(N)	(N)							(N)	(N)	(N)										
Mersa Matruh (A)	3318 (31)	679 (31)	— 9.3 (18)	4190	612	—	1900	808	—14.9	11673 (27)	212 (27)	—56.6 (27)	14890	126	—61.8	10200	262	—52.5	13200	162	260	144
Helwan	3604 (31)	659 (31)	—12.1 (19)	4380	604	—13.5	1840	812	— 4.8	11612 (26)	220 (26)	—55.0 (26)	19230	63	—72.2	9500	292	—47.5	13000	174	270	108
Aswan . . . (A)	3943 (28)	634 (28)	—14.2 (6)	4800	570	—	2960	712	—	16117 (19)	106 (19)	—74.6 (19)	17860	086	—66.0	14440	142	—68.5	12600	191	280	143

N = The number of cases the element has been observed during the month.

TABLE B 2.—MEAN AND EXTREME VALUES OF THE FREEZING LEVEL AND THE TROPOPAUSE ; THE HIGHEST WIND SPEED IN THE UPPER AIR

1200 U.T. — MARCH 1962

Station	Freezing level									First tropopause									Highest wind speed			
	Mean			Highest			Lowest			Mean			Highest			Lowest						
	Altitude (gpm.)	Pressure (mb.)	Dew point (°C)	Altitude (gpm.)	Pressure (mb.)	Dew point (°C)	Altitude (gpm.)	Pressure (mb.)	Dew point (°C)	Altitude (gpm.)	Pressure (mb.)	Temperature (°C)	Altitude (gpm.)	Pressure (mb.)	Temperature (°C)	Altitude (gpm.)	Pressure (mb.)	Temperature (°C)	Altitude (gpm.)	Pressure (mb.)	Direction (000 - 360)	Speed in knots
	(N)	(N)	(N)							(N)	(N)	(N)										
Mersa Matruh (A)	3497 (31)	667 (31)	—10.9 (20)	5730	647	—	1840	810	— 3.7	12150 (26)	202 (26)	—58.0 (26)	15290	121	—71.1	9840	278	—48.4	4900	550	190	124
Helwan	3638 (31)	656 (31)	—14.4 (16)	4490	594	—	1760	818	—11.8	10684 (26)	250 (26)	—52.4 (26)	12120	203	—55.5	8900	322	—39.8	12500	191	280	111
Aswan . . . (A)	4389 (28)	603 (28)	—18.7 (2)	5500	525	—	3200	692	—	16443 (19)	102 (19)	—73.9 (19)	17950	81	—78.5	13690	165	—62.4	14000	157	270	150

N = The number of cases the element has been sbserved during the month.

TABLE B 3.—NUMBER OF OCCURRENCES OF WIND DIRECTION WITHIN SPECIFIED RANGES AND THE MEAN SCALAR WIND SPEED AT THE STANDARD AND SELECTED PRESSURE SURFACES

MERSA MATRUH (A) — 0000 U.T. MARCH 1962

pressure surface (millibar)	Wind between specified ranges of direction (000-360)°																								Number of calm winds	Total number of observations (TN)	Mean scalar wind speed (knots)
	345–014		015–044		045–074		075–104		105–134		135–164		165–194		195–224		225–254		255–284		285–314		315–344				
	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m			
Surface of statiion	1	17	0	—	1	5	3	8	5	16	5	14	2	10	0	—	1	5	2	13	7	17	3	10	1	31	13
1000	1	17	1	9	2	8	3	8	5	17	3	16	2	10	0	—	0	—	2	13	8	18	2	8	1	30	13
850	1	8	0	—	1	8	1	9	1	12	1	14	3	16	5	18	2	26	5	22	7	30	3	14	0	30	20
700	0	—	0	—	0	—	0	—	0	—	0	—	2	24	5	38	8	32	10	33	3	21	2	14	1	31	30
600	0	—	0	—	0	—	0	—	0	—	0	—	1	25	4	15	12	49	8	29	5	29	0	—	0	30	36
500	0	—	0	—	0	—	0	—	0	—	0	—	1	30	1	36	10	51	11	42	5	38	0	—	0	28	44
400	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	73	10	58	11	46	4	44	0	—	0	26	51
300	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	61	7	55	5	59	4	53	1	12	0	19	54
200	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	17	3	62	2	42	1	59	0	8	68
150	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	48	4	79	1	95	0	—	0	6	76
100	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	6	1	70	0	—	0	—	0	2	38
60	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	5	0	—	0	—	0	—	0	1	5
40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

N= The number of cases the wind has been observed from the range of direction during the month·

TN= The total number of cases the wind has been observed for all directions during the month.

TABLE B 3.—NUMBER OF OCCURRENCES OF WIND DIRECTION WITHIN SPECIFIED RANGES AND THE MEAN SCALAR WIND SPEED AT THE STANDARD AND SELECTED PRESSURE SURFACES

MERSA MATRUH (A) — 1200 U.T. MARCH 1962

pressure surface (millibar)	Wind between specified ranges of direction (000-360)°																								Number of calm winds	Total number of observations (TN)	Mean scalar wind speed (knots)
	345–014		015–044		045–074		075–104		105–134		135–164		165–194		195–224		225–254		255–284		285–314		315–344				
	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m			
Surface of station	2	12	1	8	3	13	5	15	1	5	3	16	1	19	1	30	1	11	3	33	4	22	6	14	0	31	17
1000	2	12	1	8	3	13	5	15	1	5	3	16	1	19	1	30	1	11	3	33	4	22	6	14	0	31	17
850	1	6	0	—	0	—	0	—	2	10	2	8	3	20	3	32	5	18	7	19	4	19	3	19	1	31	18
700	0	—	0	—	0	—	0	—	0	—	1	2	2	33	5	27	7	26	9	41	5	19	0	—	2	31	28
600	0	—	0	—	0	—	0	—	0	—	0	—	1	84	5	37	11	39	8	36	4	24	0	—	1	30	36
500	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	65	14	45	12	52	1	17	0	—	0	29	52
400	0	—	0	—	0	—	0	—	0	—	0	—	0	—	4	41	12	52	8	55	2	50	0	—	0	26	51
300	0	—	0	—	0	—	0	—	0	—	0	—	0	—	3	58	7	64	8	58	1	23	0	—	0	19	58
200	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	43	2	96	3	37	0	—	0	—	0	6	56
150	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	3	48	0	—	0	—	0	3	48
100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

N= The number of cases the wind has been observed from the range of direction during the month.

TN= The total number of cases the wind has been observed for all directions during the month.

TABLE B 3.—NUMBER OF OCCURRENCES OF WIND DIRECTION WITHIN SPECIFIED RANGES AND THE MEAN SCALAR WIND SPEED AT THE STANDARD AND SELECTED PRESSURE SURFACES

HELWAN — 0000 U.T. MARCH 1962

pressure surface (millibar)	Wind between specified ranges of direction (000-360)°																								Number of calm winds	Total number of observations (TN)	Mean scalar wind speed (knots)
	345-014		015-044		045-074		075-104		105-134		135-164		165-194		195-224		225-254		255-284		285-314		315-344				
	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m			
Surface of station	2	8	6	11	6	12	5	9	5	7	0	—	0	—	0	—	0	—	2	7	1	10	4	8	0	31	9
1000	0	—	1	6	0	—	2	12	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	10	0	4	10
850	2	11	0	—	1	16	1	4	0	—	0	—	2	17	5	22	3	16	6	17	6	18	5	13	0	31	16
700	0	—	0	—	0	—	0	—	0	—	0	—	1	5	2	18	4	32	11	26	12	28	1	14	0	31	26
600	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	90	9	35	13	35	5	32	3	36	0	31	36
500	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	11	46	12	36	8	42	0	—	0	31	41
400	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	5	51	13	46	10	45	0	—	0	28	47
300	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	58	13	63	5	49	1	37	0	21	58
200	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	91	6	68	3	78	1	45	0	12	73
150	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	37	1	38	0	—	0	2	38
100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

N = The number of cases the wind has been observed from the range of direction during the month.

TN = The total number of cases the wind has been observed for all directions during the month.

TABLE B 3.—NUMBER OF OCCURRENCES OF WIND DIRECTION WITHIN SPECIFIED RANGES AND THE MEAN SCALAR WIND SPEED AT THE STANDARD AND SELECTED PRESSURE SURFACES

HELWAN — 1200 U.T. — MARCH 1962

pressure surface (millibar)	Wind between specified ranges of direction (000-360)°																								Number of calm winds	Total number of observations (TN)	Mean scalar wind speed (knots)
	345-014		015-044		045-074		075-104		105-134		135-164		165-194		195-224		225-254		255-284		285-314		315-344				
	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m			
Surface of station	2	7	4	19	2	10	0	—	0	—	0	—	4	16	2	10	3	10	5	10	3	12	6	10	0	31	12
1000	0	—	1	11	1	8	0	—	0	—	0	—	1	10	0	—	1	6	0	—	1	8	1	10	0	6	9
850	2	3	0	—	1	6	2	6	1	3	4	8	3	16	2	20	2	18	7	16	3	16	4	14	0	31	13
700	0	—	0	—	1	3	0	—	0	—	0	—	0	—	5	23	6	26	9	26	7	27	1	27	1	30	24
600	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	32	6	22	13	39	8	36	1	16	1	31	32
500	0	—	0	—	0	—	0	—	0	—	1	3	0	—	1	54	5	33	15	40	8	45	1	30	0	31	39
400	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	4	47	14	44	9	46	1	33	0	28	45
300	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	3	53	14	55	6	64	2	44	0	25	56
200	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	5	82	3	56	0	—	0	8	72
150	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	64	0	—	0	—	0	2	64
100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

N= The number of cases the wind has been observed from the range of direction during the month.

TN = The total number of cases the wind has been observed for all directions during the month.

TABLE B 3.—NUMBER OF OCCURRENCES OF WIND DIRECTION WITHIN SPECIFIED RANGES AND THE MEAN SCALAR WIND SPEED AT THE STANDARD AND SELECTED PRESSURE SURFACES

ASWAN (A)—0000 U.T.—MARCH 1962

pressure surface (millibar)	Wind between specified ranges of direction (000-360)°																								Number of calm winds	Total number of observations (TN)	Mean scalar wind speed (knots)
	345-014		015-044		045-074		075-104		105-134		135-164		165-194		195-224		225-254		255-284		285-314		315-344				
	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m			
Surface of station	4	8	1	12	1	5	0	—	0	—	0	—	1	6	0	—	0	—	0	—	0	—	0	—	21	28	2
1000	0	—	0	—	1	5	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	9	10	0.5
850	3	8	7	11	2	8	1	15	1	20	1	5	0	—	0	—	3	17	4	11	2	11	4	12	0	28	11
700	3	11	3	12	0	—	0	—	1	8	0	—	0	—	1	24	0	—	8	20	8	16	4	19	0	28	17
600	0	—	3	11	0	—	0	—	0	—	0	—	0	—	1	10	2	26	9	27	9	20	4	12	0	28	21
500	0	—	0	—	0	—	0	—	0	—	1	6	0	—	1	23	1	14	18	31	5	23	2	22	0	28	27
400	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	11	3	53	14	43	8	39	2	44	0	28	42
300	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	64	4	85	11	61	9	50	1	58	0	27	61
200	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	38	1	107	9	94	6	95	1	25	0	18	88
150	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	103	3	93	3	82	0	—	0	7	90
100	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	88	1	120	0	—	0	2	104
60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

N= The number of cases the wind has been observed from the range of direction during the month.

TN = The total number of cases the wind has been observed for all directions during the month.

TABLE B 3.—NUMBER OF OCCURRENCES OF WIND DIRECTION WITHIN SPECIFIED RANGES AND THE MEAN SCALAR WIND SPEED AT THE STANDARD AND SELECTED PRESSURE SURFACES

ASWAN (A) — 1200 U.T. — MARCH 1962

Pressure surface (millibar)	Wind between specified ranges of direction (000-360)°																						Number of calm winds	Total number of observations (TN)	Mean scalar wind speed (knots)
	345-014		015-044		045-074		075-104		105-134		135-164		165-194		195-224		225-254		255-284		285-314		315-344				
	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m			
Surface of station	10	7	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	5	0	—	1	5	15	28	3
1000	5	8	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	8	13	3
850	2	10	3	7	3	8	2	5	3	5	0	—	2	9	1	7	1	17	2	8	4	13	5	10	0	28	9
700	2	8	1	8	3	13	1	11	1	10	0	—	0	—	0	—	3	15	6	30	5	17	6	18	0	28	18
600	0	—	1	12	1	23	1	9	0	—	0	—	2	9	0	—	3	21	7	38	10	20	3	21	0	28	23
500	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	11	3	24	14	32	8	28	1	33	0	28	29
400	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	60	15	40	9	35	1	40	0	27	40
300	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	4	80	16	67	4	48	1	60	0	25	66
200	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	104	9	77	2	84	1	93	0	13	81
150	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	5	88	0	—	1	132	0	6	95
100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

N= The number of cases the wind has been observed from the range of direction during the month.

TN = The total number of cases the wind has been observed for all directions during the month.

REVIEW OF AGRO—METEOROLOGICAL STATION AT GIZA

MARCH 1962

The prevailing Khamsin weather was abnormally much changeable. This month was warm, dry and practically rainless as compared with the normal values of temperature, relative humidity and total rainfall for Giza during March. The mean air temperature at 2 metres above ground was + 2.4°C above normal and the mean relative humidity was - 7% below normal. Total rainfall was only trace (i.e. 4mms. below normal). During this month, five heat waves have been distinguished, of which the 4th was the most excessive, giving the absolute maximum for the month (36.0°C on the 22nd). The third heat wave gave the absolute minimum relative humidity for the month (14% on the 15th).

The minimum air temperature at 5 cms above grass (libia) did not fall below zero, the lowest minimum being 2.0° C on the 2nd. In March 1961 the minimum air temperature fell below zero on four days. This month was the only frost free March, since the year 1956.

The extreme maximum soil temperatures at 100 cms. depth and upper layers in the dry field were higher at different depths than the corresponding values of March 1961 (except at 1 cm. depth where they were equal). The maximum deviation was + 4.3°C at 0.3 cm. depth. At 200 & 300 cms. depths, the values were slightly lower, the maximum deviation was - 0.5°C at300 cms. depth. The extreme minimum soil temperatures at50cms. depth and upper layers in the dry field were higher at different depths than the corresponding values of March 1961 ; the maximum deviation was 1.6°C at 5 cms. depth. At 100, 200 & 300 cms. depths, the values were slightly lower, the maximum deviation being - 0.3°C at 300 cms depth.

The mean wind speed at 2 metres above ground was higher than the corresponding value of last March (+ 0.3 m/sec.). The mean daily Piche evaporation, water pan evaporation, potential evaporation and potential evapotranspiration were higher than the corresponding values for last March by + 3.1, + 1.24, + 0.5 and + 0.5 mms. respectively. The total sunshine duration this month was 8.0 hours more than its value during last March.

REVIEW OF AGRO—METEOROLOGICAL STATION AT TAHRIR

MARCH 1962

The prevailing Khamsin weather this month was abnormally much changeable, characterized by three pronounced Khamsin disturbances with peaks round the 7th, 15th and 22nd respectively. The last heat wave was the most excessive ; it gave rise to the absolute maxtimum and the highest minimum air temperatures, the lowest relative humidity and vapour pressure. On the 15th, the mean wind speed at 2 metres above ground reached 10.6 m/sec in the day time, yielding a Piche evaporation of 47.5 mms. (the highest figure since the station was operated), and a class "A" pan evaporation of 21 mms. which is estimated to be unusual. The pan evaporation on the 3 above mentioned days amounted to 25% of the total evaporation on the rest of the month, while that of the Piche amounted to 33%.

Comparing with last March values, we find that the mean air temperature, the mean relative humidity and vapour pressure were higher this month by 2.5 °C, 2% and 1.4 mms. respectively. Piche evaporation was 40% more than last year, while the mean wind speed at 2 metres above ground was practically the same. There was a very marked difference in the total actual sunshine duration, with a decrease of 62 hours (16% of the possible); that is 2 hours per day in the mean, while total radiation was less by about 900 gm. cal. per cm^2.

The extreme maximum soil temperatures this month at depths of 0.3 cm. & 1 cm. were slightly lower and at depths from 5 cms. to 3 metres were slightly higher than the corresponding values of last March. On the other hand, the extreme minimum soil temperatures at depths down to 1 metre were slightly higher, and at further depths down to 3 metres were slightly lower than the corresponding values of last March.

TABLE C 1—AIR TEMPERATURES AT 2 METRES ABOVE GROUND; ABSOLUTE MINIMUM AIR TEMPERATURES AT 5 CMS ABOVE GROUND ON DIFFERENT FIELDS

GIZA — MARCH 1962

Date	Air temperature (°C)					Duration in hours to the nearest half hour of air temperature above the following values										
	Max.	Min.	Mean of the day	Night time mean	Day time mean	—5 °C	0 °C	5 °C	10 °C	15 °C	20 °C	25 °C	30 °C	35 °C	40 °C	45 °C
1	24.3	6.9	16.0	12.8	18.5	24.0	24.0	24.0	18.0	14.5	7.5	0.0	0.0	0.0	0.0	0.0
2	28.5	6.8	17.0	13.8	21.5	24.0	24.0	24.0	19.0	12.5	8.5	6.5	0.0	0.0	0.0	0.0
3	29.4	9.4	20.2	13.2	24.1	24.0	24.0	24.0	23.0	17.0	14.0	9.5	0.0	0.0	0.0	0.0
4	26.0	12.8	19.1	19.3	20.6	24.0	24.0	24.0	24.0	20.0	10.0	1.5	0.0	0.0	0.0	0.0
5	24.5	13.2	17.9	16.3	19.5	24.0	24.0	24.0	24.0	15.0	8.0	0.0	0.0	0.0	0.0	0.0
6	26.7	11.9	18.7	16.5	20.6	24.0	24.0	24.0	24.0	16.0	11.0	3.0	0.0	0.0	0.0	0.0
7	34.3	9.5	21.5	15.8	26.9	24.0	24.0	24.0	23.5	16.0	13.0	10.0	6.0	0.0	0.0	0.0
8	22.7	12.3	17.8	18.8	19.5	24.0	24.0	24.0	24.0	21.5	5.5	0.0	0.0	0.0	0.0	0.0
9	21.9	10.6	15.3	13.3	17.5	24.0	24.0	24.0	24.0	12.5	1.5	0.0	0.0	0.0	0.0	0.0
10	18.3	9.4	13.9	13.4	15.2	24.0	24.0	24.0	24.0	8.5	0.0	0.0	0.0	0.0	0.0	0.0
11	21.3	11.4	15.2	13.1	16.8	24.0	24.0	24.0	24.0	11.5	0.5	0.0	0.0	0.0	0.0	0.0
12	25.7	6.4	16.5	12.2	19.1	24.0	24.0	24.0	24.0	14.0	9.5	0.0	0.0	0.0	0.0	0.0
13	26.7	10.5	18.6	15.5	22.2	24.0	24.0	24.0	24.0	17.5	10.0	4.5	0.0	0.0	0.0	0.0
14	27.5	13.6	19.5	16.1	21.7	24.0	24.0	24.0	24.0	16.5	11.5	4.5	0.0	0.0	0.0	0.0
15	34.5	14.5	23.3	18.0	27.8	24.0	24.0	24.0	24.0	23.5	15.0	9.5	7.5	0.0	0.0	0.0
16	21.2	12.6	16.5	19.1	17.7	24.0	24.0	24.0	24.0	15.0	2.0	0.0	0.0	0.0	0.0	0.0
17	22.8	7.7	15.6	12.0	17.9	24.0	24.0	24.0	19.5	15.0	5.0	0.0	0.0	0.0	0.0	0.0
18	25.0	8.6	17.5	15.0	20.0	24.0	24.0	24.0	22.0	16.0	9.5	0.0	0.0	0.0	0.0	0.0
19	26.8	12.6	18.6	15.7	21.6	24.0	24.0	24.0	24.0	17.0	9.5	2.5	0.0	0.0	0.0	0.0
20	23.2	9.0	18.5	14.0	18.7	24.0	24.0	24.0	22.5	15.5	6.5	0.0	0.0	0.0	0.0	0.0
21	29.5	12.4	19.7	15.4	22.8	24.0	24.0	24.0	24.0	14.5	11.0	6.0	0.0	0.0	0.0	0.0
22	36.0	9.2	22.7	15.4	28.2	24.0	24.0	24.0	24.0	17.0	16.0	14.5	7.0	1.0	0.0	0.0
23	30.6	16.9	24.2	21.8	26.8	24.0	24.0	24.0	24.0	24.0	19.0	13.0	0.0	0.0	0.0	0.0
24	27.0	14.7	21.1	20.4	23.3	24.0	24.0	24.0	24.0	24.0	12.0	5.5	0.0	0.0	0.0	0.0
25	29.6	12.7	20.7	17.4	23.4	24.0	24.0	24.0	24.0	20.5	13.0	6.0	0.0	0.0	0.0	0.0
26	32.5	11.2	20.4	16.8	24.9	24.0	24.0	24.0	24.0	16.0	10.5	7.5	4.0	0.0	0.0	0.0
27	24.0	13.6	17.9	16.3	19.8	24.0	24.0	24.0	24.0	17.0	6.0	0.0	0.0	0.0	0.0	0.0
28	23.5	12.6	17.9	15.5	19.4	24.0	24.0	24.0	24.0	16.5	9.0	0.0	0.0	0.0	0.0	0.0
29	27.5	14.0	20.8	17.5	22.7	24.0	24.0	24.0	24.0	22.5	13.5	4.5	0.0	0.0	0.0	0.0
30	25.5	14.9	20.0	19.7	21.9	24.0	24.0	24.0	24.0	23.5	9.0	0.0	0.0	0.0	0.0	0.0
31	24.1	12.9	17.2	15.8	19.2	24.0	24.0	24.0	24.0	13.5	7.0	0.0	0.0	0.0	0.0	0.0
Total	—	—	—	—	—	744.0	744.0	744.0	723.5	524.0	284.0	108.5	24.5	1.0	0.0	0.0
Mean	26.5	11.4	18.6	16.0	21.3	24.0	24.0	24.0	23.3	20.1	9.2	3.5	0.8	0.03	0.0	0.0

Highest Maximum At 2 Metres 36.0°C On 22nd — Highest Minimum at 2 Metres 16.9°C On 23rd

Lowest Maximum At 2 Metres 18.3°C On 10th — Lowest Minimum at 2 Metres 6.4°C On 12th

Absolute Minimum Temperature At 5 cms. Above Dry Soil —2.4 °C On 2nd.

" " " " " Wet Soil 4.0 °C On 2nd.

" " " " " Grass —2.0 °C On 2nd.

TABLE C 1—AIR TEMPERATURES AT 2 METRES ABOVE GROUND; ABSOLUTE MINIMUM AIR TEMPERATURES AT 5 CMS ABOVE GROUND ON DIFFERENT FIELDS

TAHRIR — MARCH 1962

Date	Air temperature (°C)					Duration in hours to the nearest half hour of air temperature above the following values										
	Max.	Min.	Mean of the day	Night time mean	Day time mean	—5 °C	0 °C	5 °C	10 °C	15 °C	20 °C	25 °C	30 °C	35 °C	40 °C	45 °C
1	23.7	6.8	15.2	11.4	18.6	24.0	24.0	24.0	18.0	14.0	6.5	0.0	0.0	0.0	0.0	0.0
2	26.3	8.2	16.6	12.7	20.5	24.0	24.0	24.0	20.5	12.5	8.0	1.5	0.0	0.0	0.0	0.0
3	28.3	10.4	19.9	13.4	23.2	24.0	24.0	24.0	24.0	16.0	15.0	6.0	0.0	0.0	0.0	0.0
4	26.2	13.2	18.7	20.3	20.8	24.0	24.0	24.0	24.0	17.5	7.5	1.5	0.0	0.0	0.0	0.0
5	27.0	13.5	18.0	15.0	20.5	24.0	24.0	24.0	24.0	15.0	8.0	1.0	0.0	0.0	0.0	0.0
6	26.7	12.6	18.3	15.1	21.2	24.0	24.0	24.0	24.0	14.5	9.0	4.0	0.0	0.0	0.0	0.0
7	34.8	10.9	21.3	15.2	26.8	24.0	24.0	24.0	24.0	16.0	10.5	8.0	6.0	0.0	0.0	0.0
8	21.7	13.5	17.8	18.5	19.3	24.0	24.0	24.0	24.0	21.0	4.5	0.0	0.0	0.0	0.0	0.0
9	19.8	11.7	15.8	14.0	17.5	24.0	24.0	24.0	24.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0
10	19.0	9.4	13.9	13.2	15.4	24.0	24.0	24.0	23.0	8.5	0.0	0.0	0.0	0.0	0.0	0.0
11	19.7	10.3	14.6	13.4	15.9	24.0	24.0	24.0	24.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0
12	23.4	7.1	14.8	11.0	17.8	24.0	24.0	24.0	17.0	12.0	5.0	0.0	0.0	0.0	0.0	0.0
13	27.8	11.0	17.7	13.8	21.4	24.0	24.0	24.0	24.0	14.5	8.5	4.0	0.0	0.0	0.0	0.0
14	28.0	8.4	17.3	12.8	19.9	24.0	24.0	24.0	21.5	14.0	8.5	4.0	0.0	0.0	0.0	0.0
15	34.8	13.8	22.9	17.1	28.4	24.0	24.0	24.0	24.0	21.0	14.0	8.5	7.0	0.0	0.0	0.0
16	20.9	11.3	16.2	17.7	17.9	24.0	24.0	24.0	24.0	14.0	2.5	0.0	0.0	0.0	0.0	0.0
17	24.5	10.6	16.1	12.5	19.0	24.0	24.0	24.0	24.0	12.0	7.0	0.0	0.0	0.0	0.0	0.0
18	25.8	8.1	16.5	12.7	19.6	24.0	24.0	24.0	21.0	14.0	8.0	0.0	0.0	0.0	0.0	0.0
19	24.8	11.6	17.0	14.7	20.1	24.0	24.0	24.0	24.0	12.5	7.0	0.0	0.0	0.0	0.0	0.0
20	23.0	9.0	15.8	12.5	18.4	24.0	24.0	24.0	21.5	13.0	6.5	0.0	0.0	0.0	0.0	0.0
21	27.3	9.7	17.4	13.1	21.0	24.0	24.0	24.0	23.5	13.5	9.0	3.5	0.0	0.0	0.0	0.0
22	36.8	9.8	23.7	13.7	28.7	24.0	24.0	24.0	24.0	16.0	15.5	13.5	8.0	4.0	0.0	0.0
23	29.7	16.9	23.0	24.3	24.7	24.0	24.0	24.0	24.0	24.0	14.5	7.5	0.0	0.0	0.0	0.0
24	27.9	13.3	19.5	17.6	22.8	24.0	24.0	24.0	24.0	17.5	10.0	5.5	0.0	0.0	0.0	0.0
25	27.0	11.3	18.5	14.5	21.9	24.0	24.0	24.0	24.0	15.0	10.0	4.5	0.0	0.0	0.0	0.0
26	31.6	10.2	18.9	14.6	23.3	24.0	24.0	24.0	24.0	15.0	9.5	6.0	2.0	0.0	0.0	0.0
27	23.5	11.4	17.0	14.9	19.6	24.0	24.0	24.0	24.0	15.5	6.5	0.0	0.0	0.0	0.0	0.0
28	25.4	12.0	17.9	14.6	19.9	24.0	24.0	24.0	24.0	16.0	8.5	0.0	0.0	0.0	0.0	0.0
29	27.8	14.0	20.4	17.1	23.2	24.0	24.0	24.0	24.0	21.5	12.0	6.5	0.0	0.0	0.0	0.0
30	25.0	13.1	18.8	17.6	21.2	24.0	24.0	24.0	24.0	21.5	9.0	0.0	0.0	0.0	0.0	0.0
31	22.8	10.2	16.0	13.8	18.4	24.0	24.0	24.0	24.0	12.5	5.5	0.0	0.0	0.0	0.0	0.0
Total	—	—	—	—	—	**744.0**	**744.0**	**744.0**	**718**	**472**	**246**	**85.5**	**23.0**	**4.0**	**0.0**	**0.0**
Mean	26.2	11.1	17.9	14.9	20.9	24.0	24.0	24.0	23.2	15.2	7.9	2.8	0.7	0.1	0.0	0.0

Highest Maximum At 2 Metres 36.8°C On 22nd — Highest Minimum At 2 Metres 16.9°C On 23rd

Lowest Maximum At 2 Metres 19.0°C On 10th — Lowest Minimum At 2 Metres 6.8°C On 1st

Absolute Minimum Temperature At 5 cms. Above Dry Soil 4.5 °C On 12th.

" " " " " Wet Soil — —

" " " " " Grass — —

TABLE C 2—WIND SPEED, (SOLAR + SKY) RADIATION, DURATION OF BRIGHT SUNSHINE, RELATIVE HUMIDITY AND VAPOUR PRESSURE AT 2 METRES ABOVE GROUND, EVAPORATION AND RAINFALL

GIZA — MARCH 1962

Date	Wind speed metres per second			Solar + sky radiation gm. cal./cm²	Duration of bright sunshine in hours			Relative humidity hours of duration		Relative humidity %		Vapour pressure in millimeters		Evaporation in millimeters		Amount of rainfall in millimeters
	Mean of the day	Nigh time mean	Day time mean		Total actual	Total possible	Percentage %	90% ^	80% ^	Mean of the day	at 1200 U.T.	Mean of the day	at 1200 U.T.	Piche	Pan class (A)	
1	1.5	1.0	2.3	446	10.0	11.5	87	4	8	70	28	7.4	5.7	10.2	6.19	0.0
2	1.7	1.6	1.8	450	10.4	11.6	90	0	7	64	19	6.6	5.1	9.9	5.68	0.0
3	1.3	0.4	2.5	289	4.4	11.6	38	0	2	34	26	6.5	6.8	15.0	6.55	Tr.
4	2.1	1.6	2.8	456	9.2	11.6	79	2	7	80	47	11.4	11.1	7.1	5.41	0.0
5	2.6	2.5	2.7	387	7.8	11.6	67	8	10	80	49	10.9	10.4	6.7	4.00	0.0
6	2.3	2.0	2.7	441	8.3	11.7	71	7	10	76	41	10.6	10.1	8.1	6.14	0.0
7	2.1	1.0	3.7	463	9.7	11.7	83	6	10	54	17	8.0	6.6	22.0	10.27	0.0
8	4.3	4.3	4.3	479	9.0	11.7	77	0	0	69	42	9.2	8.2	9.7	6.68	0.0
9	2.1	1.2	3.4	374	7.9	11.8	67	0	2	62	47	8.1	8.3	7.8	4.31	0.0
10	2.1	1.2	3.4	381	6.5	11.8	55	0	6	70	52	7.8	7.7	8·7	5.13	0.0
11	2.6	2.4	2.9	465	8.6	11.8	73	0	0	61	43	7.4	7.2	9.3	6.00	0.0
12	2.3	2.8	1.5	411	8.1	11.8	69	1	5	63	32	7.5	7.3	9.5	4.12	0.0
13	2.6	1.4	4.4	463	9.4	11.9	79	4	8	56	36	8.5	8.8	11.5	5.18	0.0
14	1.6	1.6	1.6	450	9.8	11.9	82	5	8	63	41	10.0	9.9	7.3	4.79	0.0
15	2.7	0.5	5.9	380	5.0	12.0	42	0	4	50	15	7.7	5.9	29.2	14.53	0.0
16	3.7	3.4	4.2	481	9.4	12.0	78	0	0	49	26	5.5	4.6	12.9	6.46	0.0
17	1.2	0.7	1.8	500	10.4	12.0	87	0	1	50	36	6.8	6.8	8.2	5.28	0.0
18	1.7	1.7	1.7	463	10.4	12.0	87	2	4	61	33	7.8	7.1	11.8	6.63	0.0
19	2.1	1.6	2.7	513	10.6	12.1	88	0	0	53	35	7.9	8.2	11.7	6.57	0.0
20	2.3	1.9	2.9	503	10.5	12.1	87	0	7	65	46	9.1	8.9	9.5	6.08	0.0
21	2.8	2.4	3.4	517	11.0	12.1	91	0	0	56	24	8.1	7.0	13.3	8.82	0.0
22	2.3	1.0	4.2	518	10.7	12.2	88	0	6	38	18	7.3	7.3	23.8	11.55	0.0
23	2.4	1.6	3.5	468	9.5	12.2	78	0	0	26	40	8.5	12.4	16.6	9.48	0.0
24	4.0	3.3	5.0	494	9.7	12.2	80	0	0	57	42	10.0	10.6	13.8	8.12	0.0
25	3.3	3.0	3.8	480	9.8	12.2	80	3	6	56	25	8.4	7.1	13.8	7.82	0.0
26	2.2	1.7	2.9	495	9.7	12.3	79	5	8	62	26	9.2	9.0	14.4	9.07	0.0
27	2.6	2.4	3.0	523	10.4	12.3	85	0	5	66	44	9.4	9.2	9.3	6.06	0.0
28	1.6	1.4	1.8	396	5.9	12.4	48	0	5	66	12	9.3	8.4	7.1	4.87	0.0
29	1.4	0.6	2.5	302	2.3	12.4	19	0	3	61	36	9.8	8.7	13.2	7.23	0.0
30	4.5	3.9	5.3	413	7.6	12.4	61	0	2	69	51	11.5	12.1	11.4	6.44	0.0
31	4.0	3.9	4.2	526	10.0	12.4	81	0	7	69	44	9.1	8.8	9.7	6.99	0.0
Total	—	—	—	13927	272.0	371.3	8306	47	141	—	—	—	—	372.5	912.45	Tr.
Mean	2.5	1.9	3.2	449	8.8	12.0	73	1.5	4.5	60	36	8.6	8.2	12.0	6.85	—

Maximum Amount Of Rainfall In One Day . . . . . Tr. mms. On 3rd

Lowest Value Of Relative Humidity . . . . . 14 % On 15th

Highest Value Of Vapour Pressure . . . . . 12.4 mms. On 23·30th

Lowest Value Of Vapour pressure . . . . . 4.1 mms. On 19th

TABLE C 2—WIND SPEED, (SOLAR + SKY) RADIATION, DURATION OF BRIGHT SUNSHINE, RELATIVE HUMIDITY AND VAPOUR PRESSURE AT 2 METRES ABOVE GROUND, EVAPORATION AND RAINFALL

TAHRIR — MARCH 1962

Date	Wind speed metres per second			Solar + sky radiation gm. cal./cm²	Duration of bright sunshine in hours			Relative humidity hours of duration		Relative humidity %		Vapour pressure in millimeters		Evaporation in millimeters		Amount of rainfall in millimeters
	Mean of the day	Night time mean	Day time mean		Total actual	Total possible	Percentage %	90% ^	80% ^	Mean of the day	at 1200 U.T.	Mean of the day	at 1200 U.T.	Piche	Pan class (A)	
1	2.1	1.3	3.3	437	9.8	11.5	85	7	11	80	35	8.6	7.5	7.5	4.54	0.0
2	3.0	2.4	3.9	448	10.1	11.6	87	6	11	70	30	8.3	7.2	11.0	7.39	0.0
3	3.2	2.4	4.4	213	2.4	11.6	21	4	6	42	16	6.1	4.7	21.0	10.90	Tr.
4	3.7	3.7	3.8	437	9.0	11.6	78	5	11	88	42	11.2	10.0	7.2	4.71	0.0
5	2.6	2.7	2.6	426	9.1	11.6	78	4	13	83	48	11.3	10.3	5.6	4.72	0.0
6	2.8	2.7	3.0	432	8.7	11.7	74	8	12	84	41	11.2	10.1	6.8	5.15	0.0
7	3.5	2.2	5.4	456	9.3	11.7	79	7	8	70	13	8.5	5.1	25.8	13.27	0.0
8	8.3	8.6	7.9	402	6.7	11.7	57	0	0	64	44	8.8	8.1	14.6	9.75	0.0
9	4.6	3.5	6.4	337	5.3	11.8	45	0	0	67	50	8.5	8.3	10.5	6.74	0.0
10	4.3	3.6	5.4	301	2.1	11.8	18	0	1	64	52	7.6	7.7	9.9	7.54	0.0
11	3.2	3.1	3.4	437	6.5	11.8	55	0	2	66	53	8.0	8.6	6.3	5.27	0.0
12	2.8	2.1	3.8	335	5.0	11.8	42	7	8	76	44	9.2	8.8	6.7	5.05	0.0
13	3.7	3.1	4.5	455	8.3	11.9	70	2	11	80	25	9.2	6.4	10.6	7.74	0.0
14	2.6	2.7	2.3	400	6.9	11.9	58	9	12	78	32	9.3	8.1	9.0	6.09	0.0
15	6.3	3.0	10.6	317	3.7	12.0	31	0	3	52	12	7.5	5.1	47.5	21.00	0.0
16	6.7	6.5	7.1	488	9.3	12.0	78	0	0	50	28	5.6	5.0	21.3	10.79	0.0
17	2.7	2.5	2.9	494	9.9	12.0	82	0	1	55	32	6.9	6.5	10.4	6.30	0.0
18	2.6	2.4	2.9	470	9.6	12.0	80	5	8	68	32	7.9	6.8	14.4	8.43	0.0
19	4.1	3.2	5.4	497	9.5	12.1	79	0	0	58	39	7.9	8.5	12.5	8.41	0.0
20	2.4	2.0	3.1	495	10.1	12.1	83	0	6	72	47	9.4	9.2	8.7	5.54	0.0
21	4.4	3.2	6.3	493	9.8	12.1	81	2	8	72	40	9.6	9.6	14.6	9.07	0.0
22	4.2	2.9	6.3	485	9.8	12.2	80	0	6	35	8	5.1	3.6	41.8	19.19	0.0
23	4.8	3.8	6.3	441	7.4	12.2	61	0	0	64	33	10.7	10.0	21.5	11.46	0.0
24	4.5	3.4	6.2	474	8.5	12.2	70	0	1	71	33	10.1	9.0	15.7	10.46	0.0
25	3.7	2.7	5.0	478	9.3	12.2	76	4	10	74	37	10.4	9.5	14.2	8.46	0.0
26	3.4	2.2	5.1	498	9.4	12.3	76	4	9	74	22	9.4	7.4	18.4	11.78	0.0
27	4.5	4.0	5.2	518	9.1	12.3	74	0	7	68	43	9.5	8.9	13.3	7.75	0.0
28	2.6	3.0	2.2	388	4.1	12.4	33	0	4	67	36	9.3	7.7	8.2	5.60	0.0
29	2.3	1.8	3.1	303	1.9	12.4	15	0	4	66	34	10.4	8.8	13.0	7.49	0.0
30	4.9	4.1	6.2	475	9.2	12.4	74	1	9	78	45	11.1	10.4	12.7	8.21	0.0
31	3.8	2.9	5.1	548	10.4	12.4	84	7	8	70	43	9.1	8.7	11.9	7.61	0.0
Total	—	—	—	13381	240.2	371.3		82	190	—	—	—	—	463.0	266.22	Tr.
Mean	3.8	3.2	4.8	431.6	7.7	12.0	65	2.6	6.1	68	35	8.9	7.9	14.9	8.59	—

Maximum Rainfall In One Day . . . . . Tr. mms. On 3rd

Lowest Value Of Relative Humidity . . . . . 8 % On 2nd

Highest Value Of Vapour Pressure . . . . . 13.1 mms. On 6th

Lowest Value Of Vapour Pressure . . . . . 3.6 mms. On 22nd

TABLE C 3—EXTREME SOIL TEMPERATURES AT DIFFERENT DEPTHS IN DIFFERENT FIELDS

GIZA — MARCH 1962

Depth in cms.	Dry Soil		Wet Soil		Grass	
	Highest °C	Lowest °C	Highest °C	Lowest °C	Highest °C	Lowest °C
0.3	57.3	5.0	32.9	7.3	29.0	9.0
1	48.3	7.4	30.0	7.4	25.6	9.7
2	45.4	8.3	28.0	8.2	24.4	10.5
5	33.8	12.6	25.9	10.9	22.8	11.8
10	28.3	15.5	24.6	12.9	21.0	13.2
20	24.7	18.2	22.1	15.0	19.8	14.6
50	23.4	19.0	19.0	15.2	18.8	15.2
100	22.5	19.7	18.1	15.5	18.4	16.3
200	22.3	21.7	18.2	17.7	19.3	18.8
300	23.6	23.0	—	—	—	—

TABLE C 3—EXTREME SOIL TEMPERATURES AT DIFFERENT DEPTHS IN DIFFERENT FIELDS

TAHRIR — MARCH 1962

Depth in cms.	Dry Soil		Wet Soil		Grass	
	Highest °C	Lowest °C	Highest °C	Lowest °C	Highest °C	Lowest °C
0.3	43.8	7.4	—	—	—	—
1	42.8	7.6	—	—	—	—
2	42.7	8.2	—	—	—	—
5	36.2	11.0	—	—	—	—
10	29.9	12.5	—	—	—	—
20	25.6	15.0	—	—	—	—
50	22.3	16.8	—	—	—	—
100	21.5	17.5	—	—	—	—
200	20.9	19.0	—	—	—	—
300	21.1	20.4	—	—	—	—
600	24.25	23.75	—	—	—	—

TABLE C 4—NUMBER OF DAYS OF SURFACE WIND SPEED AT 10 METRES REACHING SPECIFIED LIMITS OF VELOCITY FOR AT LEAST 5 MINUTES

GIZA—MARCH 1962

10 knots or more . .	30 Days	30 knots or more . .	0 Days
15 ,, ,, ,,	17 ,,	35 ,, ,, ,,	0 ,,
20 ,, ,, ,,	4 ,,	40 ,, ,, ,,	0 ,,
25 ,, ,, ,,	1 ,,	The highest gust 35 knots on 15 th.	

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UNITED ARAB REPUBLIC

MONTHLY WEATHER REPORT

VOLUME 5 NUMBER 4

APRIL, 1962

U.D.C. 551, 506.1 (62)

METEOROLOGICAL DEPARTMENT
CAIRO

PUBLICATIONS OF THE METEOROLOGICAL DEPARTMENT OF THE UNITED ARAB REPUBLIC—CAIRO

In fulfilment of its duties as the National Meteorological Service for the U.A.R., the Meteorological Department issues several reports and publications on weather, clmate and agrometeorology. The principal publications are described on this page.

Orders for pbulication should be adressed to :
"The Director General, Meteorological Dpartment, Kubri-el-Qubqeh—CAIRO".

THE DAIDY WEATHER REPORT

This report is printed daily in the Meteorological Department. It eontains surface and upper air observations carrid by the relevant networks of the Republic and made at the four main synoptic hours of observations (00, 06, 12 and 18 U.T) ; as well as ship observations over the Eastern Mediterranean and north Red Sea made at the same times.

It also contains two surface synoptic charts at 00 and 12 U.T. and two upper air charts for the standard isobaric sufaces 700 & 500 mbs. at both 00 and 12 U.T.

In complianee with resolution 8 (EC-XIII) of WMO, foreign upper air dato included in Cairo Subregional Broadcast are also given in this report.

THE MONTHLY WEATHER REPORT

First issued in 1909, the Monthly Weather Report served to give a brief summary of the weather conditions that prevailed over Egypt during the month, with a toble showing the mean values for few meteorological elements and their deviation from the normal values. From 1954 to 1957 this report was in a rapid state of development and extension resulting into a voluminous report on January 1958 giving surface, upper and agro-meteorological data for U.A.R.

THE AGRO-METEOROLOGICAL ABRIDGED MONTHLY REPORT

Gives a review of weather experienced in the agro-meteorological stations of the U.A.R. as well as monthly values of certain elements.

THE ANNUAL REPORT

This report gives annual values and statistics for the various meteorological elements, together with a summary of the weather conditions that prevailed during months of the year.

CLIMATOLOGICAL NORMALS FOR EGYPT

The normals, long averages and statistical data are given in one edition for stations in Egypt from the date of opening of each station up to 1945. A new voluminous edition was issued in March 1968 which brings normals and mean values up till 1960.

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METEOROLOGICAL DEPARTMENT
CAIRO

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GENERAL SUMMARY OF WEATHER CONDITIONS

APRIL 1962

Mild in general, characterized by several khamsin disturbances of short durations. Light showers on the Mediterranean coastal strip. Widespread rising dust on the 30th.

THE MAIN FEATURES

— Much changeable air temperature, subnormal in general most days of the month with a pronounced climax round the 30th.

— Subnormal rainfall in general over all districts of the Republic.

— Five transits of khamsin disturbances.

— Local rising dust or sand associating the khamsin transits, particularly widespread round the 30th.

GENERAL DESCRIPTION OF WEATHER

The prevailing weather this month was generally mild. Maximum temperature oscillated below normal in general and its subnormal deviation ranged between 2°C & 4°C in the northern districts and between 4°C and 8°C in the southern districts. This month was disturbed by five Khamsin transits round the 6th, 13th, 17th, 24th & 30th respectively. Khamsin disturbances were of short durations and lasted for one day in the northern districts and about two days in the southern districts.

On the 30th, during the last Khamsin wave, maximum temperature attained 30°C (6°C above normal) at Mersa Matruh, 33°C (8°C above normal) at Alexandria, 38°C (7°C above normal) at Almaza, 40°C (7°C above normal) at Minya and 41°C (4°C above normal) at Aswan.

Local rising sand or dust occurred in advance and during the passage of Khamsin disturbances in many parts of the Republic, but it was particulary widespread on the 30th.

Light showers associated the break down of the Khamsin heat waves, and were confined to the Mediterranean coastal strip, but it extended inland in the south up to Cairo area on the 13th.

Early morning mist developed on several days in the mild periods over Canal and Cairo areas.

The monthly mean values of various meteorological elements for different districts and their deviations from their corresponding normals are given in the following table :

District	Atmospheric pressure (mb.) Corrected to M.S.L.		Air temperature (°C)						Relative humidity (%)		Total rainfall (mms)	
			Maximum (A)		Minimum (B)		(A+B)/2					
	Mean	Deviation from normal	Mean	Deviation from normal	Mean	Deviation from normal	Mean	Deviation from normal	Mean	Deviation from normal	Mean	Deviation from normal
Mediterranean . .	1013.9	— 0.6	22.7	— 0.6	13.4	+ 0.2	18.0	— 0.2	62	— 3	0.9	—2.2
Lower Egypt . .	1013.8	— 0.2	26.2	— 1.0	11.2	— 0.4	18.7	— 0.8	56	—10	0.0	—2.0
Cairo Area. . . .	1013.2	— 0.6	27.4	— 0.7	13.2	0.0	20.3	— 0.4	43	— 6	0.0	—0.7
Upper Egypt. . .	1011.8	— 0.5	31.4	— 0.8	14.0	— 0.3	22.7	— 0.6	31	— 7	0.0	—0.5
Western Desert . .	1012.6	— 1.1	31.0	— 0.2	13.0	— 0.7	22.0	— 0.4	26	— 9	0.0	—0.3
Red Sea	1010.7	— 0.9	27.0	— 0.0	17.3	— 0.2	22.2	— 0.1	46	— 8	0.0	—0.3

Note : The above monthly district means for atmopsheric Pressureand relative humidity are computed from the corresponding means for all statons that take daily 24 hourly observations in each district.

PRESSURE DISTRIBUTION

During this month the characteristic pressure systems on the surface map can be summarized in :

— The Atlantic anticyclone and its ridges over west Europe, the Mediterranean and North Africa regions.

— The Siberian anticyclone and its ridge over southwest Russia, Black Sea and East Mediterranean regions.

— The travelling deep low pressure systems over north Atlantic in the northern latitudes from the west to the east and its extended troughs in the south through Europe and Mediterranean.

— Desert shallow depressions originating over Tunisia and proceeding eastwards.

On the other hand, the upper patterns at the 700 mb and 500 mb levels are characterized by the prevalence of a high pressure belt between latitudes 15°N & 35°N with a complex upper low to its north in the northern latitudes comprising two upper centres one over north Atlantic and the other over north Russia.

At the beginning of the month, a northern trough appeared over the Balkans area, it proceeded eastwards and on the 2nd it approached the Caspian Sea area causing an appreciable deepening in the complex monsoon over Iraq, Arabia & Sudan ; and accordingly a fall in barometric pressure took place over the U.A.R.

From the 3rd and up till the end of the month, five secondary depressions originated over Tunisia in the vicinity of Atlas mountains round the 4th, 9th, 15th, 18th & 25th. These desert depressions were attached to the far northern deep low pressure systems through a chain of secondary depressions over Mediterranean, Italy & southern Europe and followed more or less an eastward track across the North Africa sector, while their primary systems followed their preferred NE tracks. These desert secondaries traversed the Western Desert of the U.A.R. as khamsin disturbances round the 6th, 13th, 17th, 24th & 30th respectively ; then they continued their track through Sinai and north Red Sea regions. Khamsin disturbances were reflected aloft in the 700 mb. & 500 mb. levels, but were tilted to the north and appeared over the Mediterranean.

Apart from the periods of the khamsin transits, high pressure operated over East Mediterranean in general.

SURFACE WIND

The prevailing winds were light/moderate in general, mostly N/NWly round periods (1st – 4th), (7th – 10th), (14th – 15th) & (25th - 28th) ; mostly E/NEly most of the period (19th – 23rd); but were fresh/strong during the rest periods of the month and were mostly SEly & Sly in advance of the Khamsin depressions and SWly & Wly during their passages. Calms were frequent during the night and early morning periods in Upper Egypt district most days of the month.

Gales were reported at Fayed on the 30th ; Bahariya on the 30th ; Hurghada on the 1st, 8th, 9th & 15th and at Quseir on the 9th.

TEMPERATURE

Air temperature was abnormally much changeable and attained several short peaks. Maximum temperature was subnormal most days of the month and its values ranged between 19°C & 24°C over the coastal districts, between 24°C & 29°C over the mid inland districts and between 26°C & 36°C over the far inland districts. As an exception several khamsin waves of short durations (one day in the northern districts and about two days in the southern districts) were experienced of which two were mostly excessive and attained their climaxes (30°C 35°C) in the northern districts, (38°C-41°C) in the southern districts) round the 5 th & 29th in the northern districts and round the 6th & 30th in the southern districts

The absolute maximum temperature for the Republic was 42.4°C reported at Kharga on the 24 th

Minimum temperature was similarly abnormally much changeable and was generally subnormal the majority of the month. Its values ranged between 9°C & 15 °C in the coastal district, 11°C & 16°C in the mid inland districts and between 13°C & 21°C in the far inland districts. As an exception during the Khamsin disturbances, minimum temperature showed a practical rise of 3°C to 6°C above the last mentioned ranges.

The absolute minimum temperature for the Republic was 5.6°C reported at Mansoura in the 10th.

PRECIPITATION

The monthly rainfall was subnormal. Light rain fell during the mild periods associating the Khamsin transits and was confined to the Mediterranean coastal strip but, penetrated inland in the south as far as Cairo area on the 13th.

The absolute monthly rainfall was 6.8 mms reported at El Arish, while the absolute daily rainfall was 5.8 reported also at El-Arish on the 19th.

MISCELLANEOUS WEATHER PHENOMENA

Rain fell at : Sallum on the 11th & 12 th ; Sidi Barrani on the 11th ; Dekheila & Alexandria on the 13th ; El Arish & Ghazza on the (17th - 19th) ; Abu Sueir on the 18th and at Mostafa Helmi on the 13th.

Mist patches developed at : Alexandria on the 3rd, 6th & 7th ; El Arish on the 7th, 12th, 22nd, 25th, 26th & 29th ; Tahrir on the 7th, 11th, 17th & (21st-23rd) & 26th; Abu Sueir on the 7th, 12th, 13th, 20th, 21st, 23rd, 26th & 27th ; Zaher on the 1st, 7th, 12th, 14th, (19th - 22nd) & 24th ; Cairo on the 4 th, 7th, 14th, 20th, 22nd & 26th ; Mostafa Helmi on the 1st, 4th, (7th-10th). 12th, 14th, (19th - 22nd) & 26th and at Almaza on the 4th, (19th-22nd) & 26th.

Fog patches developed at : Alexandria on the 22nd ; El Arish on the (2nd - 4th) and Ghazza on the 13th, 24th & 26th.

Local rising sand or dust was reported at : Sallum on the 26 th & 30 th ; Mersa Matruh & Ras El Hikma on the 30th; Dabaa on the 24 th & 30th ; Dekheila, Balteam & Damietta on the 30th ; Port Said the 14th & 30th ; El Arish on the 2nd, 14th, 17th & 30th ; Tahrir & Shebin El Kom on the 2nd & 30th ; Abu Sueir on the 2nd, 13th, 17th, 24th, 25th & 30 th ; Zaher on the 17th, 26th & 30th ; Wadi El Natrun on the 24 th ; Inshas on the 3rd, 13th, 17th, 24th & 30th ; Fayed on the 17th, 25th & 30th ; Kabrit on the 13th & 30th ; Cairo on the 13th, 17th, 24th & 30th ; Mostafa Helmi on the (11th - 14th), 17th, 18th, (23rd-25th) & 30th ; Almaza, Abbasiya & Imbaba on the 24th & 30th ; Giza on the 30th ; Beni Suef on the 24th & 30 th ; Minya on the 8th, 13th, 14th, 24th & 30th ; Asyout on the 8th & 30 th ; luxor on the 9th, 14th, 18th & 30th ; Aswan on the 1st, 9th & 18th ; Siwa on the 6th, 13th, 23rd, 29th & 30th ; Bahariya on the 17th & 30th ; Farafra on the 7th, 14th, 17th, 18th, 24th, 27th, 29th & 30th ; Dakhla on the 8th, 14th, 24th, & 30th ; Kharga on the 1st, 8th, 10th, 13th, 15th, 24th & 30th ; Abu Redes on the 1st, 4th, 7th, 10th, 12th, 13th, 15th, 20th, & 30th ; Tor on the 1st, 2nd, 8th, 9th, 15th, 16th, 18th & 24th ; Hurghada on the 1st, 8th, 9th, 14th, 15th & 18th and at Quseir on the (1st - 3rd), (8th - 10th), 15th, 16th, 18th & 26th.

Sand or duststorms blew over : Inshas, Fayed & Cairo on the 30th; Fayoum on the 24th & 30th ; Asyout & Bahariya on the 30th ; Kharga on the 24th ; Abu Redes on the 30th and over Hurghada & Quseir on the 9th.

M. F. TAHA
Under Secretary of State
Director General
Meteorological Department

Cairo, 6/1/1971

Table A 1.—MONTHLY MEAN VALUES OF ATMOSPHERIC PRESSURE AT FIXED HOURS CORRECTED TO Hp AND TO MEAN SEA LEVEL

APRIL 1962

District	Station	Altitude of Hp (metres)	Station Pressure (mb.) (corrected to Hp.) 0000 U.T. Mean	0000 U.T. Dev. from normal	0600 U.T. Mean	0600 U.T. Dev. from normal	1200 U.T. Mean	1200 U.T. Dev. from normal	1800 U.T. Mean	1800 U.T. Dev. from normal	Altitude of the barometric cistern (metres)	Mean Sea Level Pressure (mb) (corrected to M.S.L.) 0000 U.T. Mean	0000 U.T. Dev. from normal	0600 U.T. Mean	0600 U.T. Dev. from normal	1200 U.T. Mean	1200 U.T. Dev. from normal	1800 U.T. Mean	1800 U.T. Dev. from normal
Mediterranean	Sallum	6.0	1013.8	+0.9	1014.2	0.0	1013.5	+0.4	1013.6	+0.4	5.2	1014.3	+1.0	1014.7	+0.1	1014.0	+0.4	1014.1	+0.5
	Sidi Barrani	23.3	1010.4	—0.3	1011.1	—0.2	1010.5	—0.6	1010.5	—0.4	23.3	1013.2	—0.3	1013.9	—0.2	1013.3	—0.6	1013.3	—0.5
	Mersa Matruh (A)	30.0	1010.7	—0.7	1011.2	0.0	1010.7	—0.3	1010.7	—0.4	30.0	1014.4	—0.7	1014.9	0.0	1014.4	—0.3	1014.4	—0.4
	Ras El Hikma	45.8	1008.2	—	1008.9	—	1008.1	—	1008.3	—	45.8	1013.7	—	1014.4	—	1013.6	—	1013.8	—
	Dabaa	18.0	1011.1	—	1011.6	—	1011.1	—	1011.2	—	17.8	1013.1	—	1013.6	—	1013.1	—	1013.2	—
	Dekheila (A)	6.0	1013.5	—	1014.0	—	1013.5	—	1013.6	—	5.9	1014.1	—	1014.6	—	1014.1	—	1014.2	—
	Alexandria (A)	7.0	1013.0	—0.4	1013.6	—0.3	1013.1	—0.4	1013.1	—0.5	6.8	1013.8	—0.4	1014.4	—0.3	1013.9	—0.4	1013.9	—0.5
	Balteam	2.2	1013.6	—	1014.2	—	1013.4	—	1013.8	—	2.2	1013.8	—	1014.4	—	1013.6	—	1014.0	—
	Damietta	3.8	1013.3	—	1013.9	—0.3	1013.2	—0.7	1013.5	—0.5	3.8	1013.7	—	1014.3	—0.3	1013.6	—0.7	1013.9	—0.5
	Port Said (A)	6.1	1012.6	—0.5	1013.3	—0.5	1012.6	—0.5	1012.9	—0.4	6.1	1013.3	—0.5	1014.0	—0.5	1013.3	—0.5	1013.6	—0.4
	El Arish	17.1	1011.7	0.0	1012.2	—0.8	1011.4	—0.6	1011.9	—0.7	17.1	1013.6	0.0	1014.1	—0.8	1013.3	—0.6	1013.8	—0.7
	Ghazza	15.7	1011.7	—	1012.1	—	1011.5	—	1011.8	—	15.7	1013.6	—	1014.0	—	1013.3	—	1013.7	—
Lower Egypt	Mansoura	4.0	1013.8	—	1014.1	+0.3	1012.6	—0.5	1013.5	—0.4	3.6	1014.2	—	1014.5	+0.3	1013.0	—0.5	1013.9	—0.4
	Damanhour	6.7	1013.8	—	1013.8	—0.5	1013.2	—0.7	1013.7	—0.6	6.7	1014.5	—	1014.5	—0.5	1013.9	—0.7	1014.4	—0.6
	Gimmeiza	8.9	1013.1	—	1013.6	—	1012.4	—	1013.0	—	8.9	1014.1	—	1014.6	—	1013.4	—	1014.0	—
	Tanta	14.8	1011.9	—	1012.4	—0.6	1010.9	—0.8	1011.9	—0.6	14.4	1013.6	—	1014.1	—0.6	1012.6	—0.8	1013.6	—0.6
	Tahrir	17.8	1011.7	—	1012.0	—	1010.6	—	1011.4	—	18.6	1013.9	—	1014.2	—	1012.8	—	1013.6	—
	Shebin El Kom	13.1	1012.1	—	1012.8	—0.8	1011.1	—1.1	1012.1	—0.7	13.8	1013.6	—	1014.3	—0.8	1012.6	—1.1	1013.6	—0.7
	Zagazig	13.0	1012.7	—	1013.3	—0.3	1011.7	—0.3	1013.0	0.0	13.0	1014.3	—	1014.9	—0.3	1013.3	—0.3	1014.6	0.0
	Abu Sueir (A)	16.0	1012.1	—	1012.9	—	1011.0	—	1012.3	—	16.0	1014.1	—	1014.8	—	1012.8	—	1014.2	—
	Zaher (A)	30.0	1009.6	—	1010.1	—	1008.7	—	1009.4	—	23.5	1013.2	—	1013.7	—	1012.2	—	1013.0	—
	Wadi El Natrun	0.9	1014.5	—	1015.1	+0.8	1013.4	+1.2	1014.3	+1.2	0.9	1014.6	—	1015.2	+0.8	1013.5	+1.2	1014.4	+1.2
	Inshas (A)	25.5	1009.4	—	1010.1	—	1008.4	—	1009.2	—	25.6	1012.5	—	1013.2	—	1011.4	—	1012.2	—
	Fayed (A)	22.5	1011.7	—	1012.1	—	1010.3	—	1011.4	—	22.5	1014.3	—	1014.6	—	1012.8	—	1013.9	—
	Kabrit (A)	7.6	1012.4	—	1013.0	—	1011.3	—	1012.0	—	7.6	1013.8	—	1014.4	—	1012.6	—	1013.3	—
Cairo Area	Cairo (A)	74.5	1005.6	—1.0	1006.5	+0.1	1004.8	—0.7	1005.5	—0.7	74.0	1013.4	—1.0	1014.2	+0.1	1012.3	—0.7	1013.2	—0.7
	Mostafa Helmi (A)	164.0	994.5	—	994.9	—	993.7	—	994.0	—	164.0	1014.0	—	1014.2	—	1012.4	—	1013.1	—
	Almaza (A)	78.5	1003.8	—0.9	1004.7	—0.7	1003.0	—0.9	1003.7	—0.9	78.6	1013.2	—0.8	1014.0	—0.6	1012.0	—0.9	1012.9	—0.8
	Abbasiya (H.Q.)	26.4	1011.2	—	1011.9	—	1010.2	—	1010.8	—	26.4	1013.3	—	1014.0	—	1012.4	—	1012.9	—
	Imbaba (A)	19.0	1011.0	—	1011.8	—	1009.9	—	1010.5	—	19.0	1013.1	—	1013.9	—	1012.0	—	1012.6	—
	Giza	22.5	1010.8	—	1011.4	—0.4	1009.7	—0.5	1010.2	—0.8	22.5	1013.6	—	1014.2	—0.4	1012.4	—0.6	1013.0	—0.8
	Helwan	140.7	996.5	—	997.4	—0.4	995.9	—0.6	996.3	—0.6	140.7	1013.6	—	1014.3	—0.3	1012.4	—0.4	1013.1	—0.5

Table A 1 (*contd.*).—MONTHLY MEAN VALUES OF ATMOSPHERIC PRESSURE AT FIXED HOURS CORRECTED TO Hp AND TO MEAN SEA LEVEL

APRIL 1962

District	Station	Altitude of Hp (metres)	Station Pressure (mb.) (corrected to Hp.)								Altitude of the barometric cistern (metres)	Mean Sea Level Pressure (mb) (corrected to M.S.L.)							
			0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.			0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.	
			Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal		Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal
Upper Egypt	Fayoum	23.3	1010.7	—	1011.6	+0.1	1009.4	—0.1	1009.9	0.0	23.3	1013.7	—	1014.6	+0.1	1012.3	—0.1	1012.9	—0.5
	Beni Suef	30.4	1019.6	—	1010.6	—0.2	1008.6	—0.4	1008.9	—0.2	30.0	1013.1	—	1014.1	—0.1	1012.0	—0.3	1012.3	—0.2
	Minya (A)	40.0	1007.4	—1.2	1008.6	—1.1	1007.0	—1.1	1006.7	—1.3	40.0	1012.2	—1.2	1013.4	—1.1	1011.6	—1.0	1011.4	—1.3
	Asyout (Mangabad) (A)	69.6	1004.5	+0.6	1005.7	—0.2	1003.7	—0.1	1003.8	+0.2	69.5	1012.7	+0.6	1013.9	0.0	1011.6	+0.1	1011.9	+0.2
	Nag Hammadi	70.5	—	—	1004.7	—1.2	1002.4	—1.0	1002.2	—1.6	70.5	—	—	1012.9	—1.3	1010.2	—1.1	1010.3	—1.7
	Kena	74.2	1002.7	—	1004.4	—0.2	1002.1	+0.2	1002.0	0.2	74.2	1011.1	—	1013.0	—0.1	1010.5	+0.3	1010.4	—0.3
	Luxor (A)	88.5	1000.2	—1.0	1002.0	—1.0	999.7	—0.9	999.6	—1.2	88.4	1010.5	—0.9	1012.2	—0.9	1009.6	—0.9	1009.7	—1.2
	Kom Ombo	102.6	997.9	—	1000.1	—	997.6	—	997.9	—	102.6	1010.0	—	1012.0	—	1009.1	—	1009.6	—
	Aswan (A)	193.5	987.3	—	989.8	+0.3	986.9	—0.8	987.0	—0.4	193.5	1009.8	—	1011.3	+0.2	1008.4	—0.8	1008.9	—0.5
Western Desert	Siwa	—13.5	1015.5	—0.2	1016.4	—0.2	1014.9	—0.3	1014.5	—0.1	—13.3	1013.8	—0.2	1014.7	—0.2	1013.2	—0.4	1012.8	—0.1
	Bahariya	129.5	998.2	+0.5	999.3	+0.4	997.6	+0.2	997.3	+0.1	129.6	1013.7	+0.4	1014.7	+0.4	1012.5	+0.2	1012.4	0.0
	Farafra	91.8	1003.2	—0.1	1004.5	—0.2	1003.2	+0.3	1002.7	+0.1	92.1	1014.2	—0.1	1015.5	—0.1	1013.7	+0.3	1013.5	+0.1
	Dakhla	111.5	997.6	—	999.2	—1.4	997.2	—1.5	996.9	—2.1	111.5	1010.8	—	1012.3	—1.3	1009.7	—1.7	1009.7	—2.1
	Kharga	72.8	1002.8	—	1004.2	—2.0	1002.3	—2.3	1002.2	—1.6	73.0	1011.2	—	1012.5	—2.1	1010.5	—2.2	1010.4	—1.6
Red Sea	Suez	11.0	1012.4	—	1013.0	—0.8	1011.4	—1.0	1012.0	—0.9	11.2	1013.6	—	1014.3	—	1012.6	—1.0	1013.2	—0.9
	Abu Redes	4.0	1010.9	—	1012.3	—	1010.6	—	1010.7	—	4.0	1011.3	—	1012.7	—	1011.0	—	1011.1	—
	Tor	4.2	1010.0	—	1011.3	—1.4	1009.8	—1.7	1009.8	—1.3	4.2	1010.4	—	1011.7	—1.4	1010.2	—1.7	1010.2	—1.3
	Hurghada	2.8	1010.4	+0.2	1012.0	—0.1	1010.1	—0.5	1010.3	0.0	2.8	1010.6	+0.2	1012.2	—0.1	1010.3	—0.5	1010.5	0.0
	Quseir	11.3	1008.9	—	1010.6	—0.9	1009.3	—1.5	1009.3	—1.1	11.3	1009.9	—	1011.6	—0.9	1010.3	—1.5	1010.3	—1.1
	Abul Kizan	5.0	1010.4	—	1011.2	—	1010.4	—	1010.4	—	5.0	1010.9	—	1011.7	—	1011.0	—	1010.9	—

Table A 2.—MONTHLY MEAN VALUES OF THE DRY BULB AND WET BULB TEMPERATURES, AND THE RELATIVE HUMIDITY AT FIXED HOURS.

APRIL 1962

District	Station	Dry bulb temperature (°C)								Wet bulb temperature (°C)								Relative humidity %							
		0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.		0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.		0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.	
		Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal
Mediterranean	Sallum	16.0	—	17.0	—0.7	22.1	+0.7	18.3	+0.4	13.0	—	13.2	—0.7	15.0	—0.8	14.3	—0.2	69	—	63	0	43	—10	62	— 5
	Sidi Barrani	14.8	—0.3	16.8	—0.4	20.8	+0.2	17.3	0.0	12.6	+0.6	13.7	+0.5	15.6	+0.3	14.3	+0.5	76	+ 9	69	+ 8	55	+ 1	70	+ 4
	Mersa Matruh (A)	13.9	+1.0	17.3	0.0	21.1	+0.4	16.9	+0.1	11.7	+0.2	13.7	0.0	14.9	—0.5	13.8	—0.3	76	+ 2	65	0	48	— 6	69	— 4
	Ras El Hikma	15.6	—	17.1	—	19.0	—	16.5	—	13.3	—	14.2	—	15.3	—	14.0	—	76	—	71	—	65	—	74	—
	Dabaa	14.0	—	17.4	—	20.8	—	16.7	—	11.8	—	13.7	—	15.1	—	13.6	—	76	—	64	—	51	—	69	—
	Dekheila (A)	15.7	—	17.7	—	22.2	—	18.0	—	12.9	—	13.8	—	15.9	—	14.3	—	70	—	62	—	49	—	64	—
	Alexandria (A)	15.2	+ 0.1	18.9	+0.8	23.4	+1.3	17.4	+0.2	13.1	+0.3	15.1	+0.3	16.8	+0.5	14.4	—0.2	77	— 5	64	— 4	48	— 4	70	— 4
	Balteam	16.5	—	18.9	—	21.3	—	17.3	—	13.9	—	15.1	—	16.0	—	14.5	—	73	—	64	—	55	—	72	—
	Damietta	15.2		18.2	—0.8	22.6	+1.5	17.4	—0.2	12.9	—	15.0	—0.9	16.7	+0.2	14.5	—0.9	75	—	69	— 2	52	— 9	71	— 7
	Port Said (A)	16.9	—0.4	17.9	—0.7	20.3	—0.7	18.0	—0.5	14.3	—0.6	14.9	—0.5	16.3	—0.4	15.1	—0.7	74	— 2	71	+ 1	64	+ 1	72	— 2
	El Arish	14.9	—0.2	18.4	—1.2	21.7	+0.2	17.7	—0.5	13.2	+0.3	15.1	—0.7	16.9	—0.4	15.3	—0.3	82	+ 6	68	+ 3	60	— 4	76	+ 1
	Ghazza	15.0	—	18.2	—	19.7	—	17.9	—	13.0	—	14.4	—	16.0	—	15.4	—	78	—	63	—	66	—	76	—
Lower Egypt	El Sirw	14.2	—	18.7	—0.5	22.1	—0.9	17.0	—0.9	—	—	15.5	—0.6	16.7	—1.4	14.7	—0.5	—	—	70	— 1	55	— 5	77	0
	Sakha	13.6	—	18.8	+0.4	25.4	—0.9	17.2	—0.6	—	—	15.9	+0.5	18.4	+0.2	15.1	+0.6	—	—	72	+ 1	48	+ 6	79	+ 1
	Mansoura	11.4	—	18.9	+0.4	25.6	+0.2	16.6	—0.9	10.3	—	15.3	—0.9	16.3	—0.2	13.6	—0.6	87	—	66	—12	33	— 3	69	+ 1
	Damanhour	13.3	—	18.7	+0.1	24.7	+0.4	16.9	+0.1	—	—	15.0	—0.1	16.2	—0.4	13.9	0.0	—	—	65	— 2	37	— 4	70	0
	Gimmeiza	13.2	—	19.2	+1.0	26.2	—0.2	17.0	+0.1	—	—	15.3	—0.2	18.0	—0.4	14.8	+0.2	—	—	63	—11	41	— 2	78	+ 1
	Tanta	12.9	—	17.8	—0.3	25.9	—0.9	17.2	—0.7	10.8	—	14.2	—0.6	16.6	—1.0	13.2	—1.6	76	—	65	— 3	35	— 1	61	— 8
	Tahrir	13.6	—	17.9	—	26.0	—	18.6	—	11.9	—	14.0	—	15.4	—	13.9	—	81	—	63	—	27	—	56	—
	Shebin El Kom	12.7	—	16.6	—1.1	26.2	0.0	17.7	—1.1	10.7	—	13.4	—1.0	16.9	—0.3	13.5	—1.1	77	—	68	0	35	+ 2	60	0
	Zagazig	15.4	—	17.2	—1.5	25.8	—1.1	19.0	+0.6	—	—	14.3	—1.2	16.6	—1.2	14.8	—0.1	—	—	71	+ 1	35	— 2	61	— 5
	Abu Sueir (A)	14.4	—	18.3	—	26.2	—	19.4	—	12.0	—	14.1	—	15.4	—	14.1	—	74	—	60	—	26	—	52	—
	Zaher (A)	14.5	—	17.9	—	26.2	—	19.8	—	12.5	—	14.3	—	16.2	—	14.4	—	79	—	65	—	31	—	52	—
	Wadi El Natrun	14.5	—	18.2	+0.1	26.7	—0.5	20.1	—0.6	11.7	—	13.5	—0.9	14.8	—1.8	13.5	—1.6	70	—	56	— 8	21	— 8	43	— 9
	Inshas (A)	15.1	—	17.8	—	25.6	—	19.5	—	11.3	—	13.0	—	16.0	—	13.8	—	60	—	55	—	31	—	49	—
	Fayed (A)	15.0	—	19.2	—	26.7	—	20.2	—	11.9	—	14.5	—	15.9	—	14.4	—	67	—	57	—	27	—	49	—
	Kabrit (A)	15.6	—	18.2	—	25.6	—	19.9	—	13.3	—	14.5	—	16.6	—	15.0	—	76	—	64	—	36	—	56	—
Cairo Area	Cairo (A)	15.8	—0.2	17.9	—0.2	26.1	—0.7	20.8	—0.4	12.3	—0.9	13.6	—0.8	15.5	—1.0	14.0	—1.2	64	— 7	59	— 5	27	— 3	43	— 7
	Mostafa Helmi (A)	14.2	—	16.5	—	25.2	—	19.6	—	11.3	—	12.3	—	14.8	—	13.0		68		58	—	26	—	42	—
	Almaza (A)	15.6	—0.6	17.9	0.0	26.5	—0.8	20.5	—1.0	11.6	—1.5	12.9	—0.8	15.5	—0.5	13.7	—1.2	59	— 9	53	— 7	25	— 2	42	— 3
	Abbasiya (H. Q)	15.9	—	18.5	—	26.6	—	20.8	—	12.7	—	14.3	—	16.1	—	14.5	—	66	—	60	—	28	—	46	—
	Imbaba (A)	13.7	—	17.9	—	26.5	—	19.6	—	10.8	—	13.7	—	16.4	—	13.7	—	68	—	60	—	30	—	48	—
	Giza	14.2	—	17.6	—0.4	26.2	— 1.6	20.2	—0.3	12.1	—	13.8	—0.8	15.7	—1.4	13.9	—0.9	77	—	63	— 4	28	— 1	45	— 6
	Helwan	15.9	—	18.2	—0.2	26.2	— 1.0	20.8	—1.3	11.2	—	13.0	—0.4	14.8	—0.3	13.1	—0.8	53	—	52	— 2	22	+ 1	36	+ 1

Table A2 (*contd*).—MONTHLY MEAN VALUES OF THE DRY BULB AND WET BULB TEMPERATURES AND THE RELATIVE HUMIDITY AT FIXED HOURS

APRIL 1962

District	Station	Dry bulb temperature (°C)								Wet bulb temperature (°C)								Relative humidity (%)							
		0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.		0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.		0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.	
		Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal
Upper Egypt	Fayoum	16.0	—	18.6	—0.2	27.5	—0.5	21.4	+0.2	11.9	—	14.1	+0.1	15.8	—0.5	14.1	—0.4	58	—	58	+ 2	23	— 1	40	— 4
	Beni Suef	15.2	—	18.0	—2.0	27.9	—1.5	20.4	—1.3	10.9	—	12.9	—1.6	16.3	—0.8	13.7	—0.9	55	—	52	0	24	+ 1	43	+ 1
	Seds	15.1	—	18.5	—0.2	27.8	—1.1	20.2	—1.0	—	—	14.6	+0.1	17.2	—0.3	14.3	—0.9	—	—	63	+ 2	29	+ 2	48	— 2
	Minya (A)	14.8	+0.1	18.1	—0.2	29.0	—0.4	21.3	+0.6	11.6	+0.3	13.9	+0.3	16.8	—0.1	14.3	+0.3	66	+ 3	60	+ 4	23	+ 1	42	— 2
	Mallawi	15.3	—	18.5	—	29.5	—	20.8	—	—	—	14.8	—	18.3	—	14.5	—	—	—	64	—	29	—	46	—
	Asyout (Mangabad) (A)	17.7	—0.8	18.8	—0.9	30.1	—0.7	23.6	—0.8	10.7	—0.7	12.1	—0.8	15.4	—0.8	13.9	—0.1	35	— 1	40	— 1	12	— 2	28	+ 3
	Shandaweel	17.9	—	21.9	—0.7	32.5	+0.1	22.5	0.0	—	—	15.4	—0.4	18.1	—1.2	15.8	0.0	—	—	46	+ 1	18	— 6	46	0
	Nag Hammadi	—	—	21.1	+0.1	31.5	+0.6	23.8	+0.9	—	—	15.0	+0.6	18.1	+0.8	16.0	+1.1	—	—	49	+ 5	21	+ 2	40	+ 2
	Kena	20.2	—	24.2	+1.2	32.2	—1.4	25.6	—0.1	—	—	15.6	+0.8	18.0	—0.4	15.6	+0.3	—	—	35	— 1	18	+ 1	29	+ 1
	Luxor (A)	19.6	—0.3	22.7	—1.5	32.5	—1.3	25.7	—0.7	12.0	—0.5	14.1	—1.1	17.1	—1.9	14.9	—1.2	34	+ 1	33	— 1	14	— 4	25	— 3
	Kom Ombo	20.0	—	24.0	—	34.0	—	26.3	—	11.8	—	14.3	—	17.2	—	14.5	—	31	—	28	—	11	—	21	—
	Aswan (A)	20.7	—	23.3	—0.4	33.0	—1.4	27.5	—1.5	10.9	—	12.6	—1.6	16.1	—2.4	13.7	—2.1	21	—	21	— 8	9	— 6	12	— 6
Western Desert	Siwa	16.5	+0.1	17.5	+0.3	28.2	—0.4	23.2	—0.6	10.4	—0.7	11.9	—0.6	14.8	—1.5	13.2	—1.2	41	— 7	47	— 8	16	— 6	25	— 5
	Bahariya	16.2	—	18.0	—0.7	28.6	—0.2	23.3	+1.2	11.0	—	12.4	—1.4	15.7	—1.8	14.0	—0.6	49	—	48	— 7	19	— 8	30	—10
	Farafra	16.4	—	17.6	—1.0	29.4	+0.1	23.2	—0.6	9.6	—	11.2	—1.1	15.6	—1.0	12.8	—0.4	35	—	41	— 2	16	— 5	23	— 5
	Dakhla	16.2	—	19.9	—0.6	31.3	—0.5	24.4	—1.5	9.1	—	11.7	—0.9	15.5	—1.3	13.1	—1.0	32	—	31	— 3	10	— 7	19	— 1
	Kharga	17.9	—	21.6	—0.6	32.4	—0.4	24.0	—1.3	10.6	—	13.2	—1.6	17.3	—2.1	13.8	—1.8	34	—	32	— 9	15	—11	25	— 6
Red Sea	Suez	17.6	—	18.9	—0.2	25.8	—0.8	21.6	+0.3	—	—	15.4	+0.1	17.4	+0.2	16.4	+0.7	—	—	67	+ 3	40	+ 5	56	+ 3
	Abu Redes	19.1	—	20.5	—	24.3	—	22.5	—	14.6	—	15.5	—	17.4	—	16.3	—	59	—	55	—	47	—	50	—
	Tor	19.5	—	21.3	—0.5	24.8	0.0	23.4	—0.1	14.3	—	16.0	—1.2	17.7	—1.2	16.1	—2.0	53	—	55	— 6	47	— 8	43	—14
	Hurghada	19.0	+0.4	22.2	+0.3	26.3	+1.5	22.7	—0.3	12.6	—0.8	14.9	—1.4	17.1	—2.3	15.9	—1.5	43	— 9	41	—12	36	—22	45	—10
	Quseir	21.2	—	24.0	—0.4	25.8	0.0	23.0	—0.5	14.5	—	16.4	—1.0	18.7	—1.6	17.6	—0.7	44	—	42	— 5	48	—11	56	— 2
	Abul Kizan	—	—	25.2	0.0	25.3	—0.8	23.9	—0.3	—	—	21.0	—0.8	21.1	—1.0	20.4	—1.2	—	—	67	— 6	67	— 3	72	— 6

Table A3.—MONTHLY MEAN DAILY VALUES OF THE ATMOSPHERIC PRESSURE, AIR TEMPERATURES AND THE RELATIVE HUMIDITY

APRIL 1962

District	Station	Atmospheric pressure (mb.)					Air temperature (°C)											Relative humidity %		
		Derivation of the mean values a, b, c, d	Station Pressure corrected to Hp		M.S.L. Pressure		Maximum (A)		Minimum (B)		(A+B)/2	Dry bulb			Wet bulb			Derivation of the mean values a,b,c,d,e	Mean	Dev. from normal
			Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal		Deriv. of the mean values a, b, c, d	Mean	Dev. from normal	Deriv. of the mean values, a, b, c, d	Mean	Dev. from normal			
MEDITERRANEAN	um	a	1013.8	−0.1	1014.3	−0.1	23.2	−0.6	14.0	+1.3	18.6	a	18.3	+0.9	a	13.9	+0.1	a	59	− 6
	ıdi Barrani	a	1010.6	−0.4	1013.2	−0.4	21.6	−0.4	12.9	+0.4	17.2	a	17.3	+0.1	a	14.0	+0.2	a	68	+ 2
	Mersa Matruh (A)	a	1010.8	−0.9	1014.5	−0.9	22.3	+0.4	12.0	−0.2	17.2	a	17.2	0.0	a	13.3	−0.5	a	62	− 4
	Ras El Hikma	a	1008.3	—	1013.8	—	19.7	—	14.3	—	17.0	a	17.0	—	a	14.1	—	a	71	—
	Dabaa	a	1011.2	—	1013.2	—	22.0	−2.1	12.2	−0.3	17.1	a	17.1	+0.2	a	13.4	−0.3	a	63	− 5
	Dekheila (A)	a	1013.7	—	1014.3	—	23.0	—	14.5	—	18.6	a	18.4	—	a	14.2	—	a	60	—
	Alexandria (A)	a	1013.2	−0.9	1014.0	−0.9	24.4	−1.2	13.4	+0.1	18.9	a	18.5	+0.2	a	14.7	−0.1	a	63	− 3
	Balteam	a	1013.8	—	1014.0	—	22.8	—	15.0	—	18.9	a	18.5	—	a	14.8	—	a	64	—
	Damietta	a	1013.4	−0.8	1013.8	−0.8	23.6	+0.1	13.6	−0.1	18.6	a	18.2	+0.4	a	14.7	−0.5	a	66	− 8
	Port Said (A)	a	1012.8	−0.6	1013.5	−0.6	21.6	−0.7	16.1	0.0	18.8	a	18.3	−0.5	a	15.1	−0.8	a	69	− 3
	El Arish	a	1011.8	−0.7	1013.7	−0.7	22.9	−0.6	13.2	−0.1	18.0	a	18.0	−0.2	a	15.0	−0.1	a	71	+ 1
	Ghazza	a	1011.8	—	1013.7	—	20.7	—	13.5	—	17.1	a	17.5	—	a	14.6	—	a	71	—
LOWER EGYPT	El Sirw	—	—	—	—	—	23.4	−0.8	12.3	+0.1	17.8	c	18.0	−0.1	c	15.8	+0.4	e	74	0
	Sakha	—	—	—	—	—	26.3	−0.8	11.3	+0.9	18.8	c	18.8	+0.9	c	16.3	+1.1	e	76	+ 2
	Mansoura	a	1013.5	−0.1	1013.9	−0.1	25.5	−1.7	9.3	−2.9	17.4	a	17.6	−0.8	a	13.4	−1.7	a	60	− 8
	Damanhour	c	1013.6	−0.5	1014.3	−0.5	25.5	−0.7	11.6	−0.7	18.6	c	18.4	+0.4	c	15.1	+0.4	e	68	0
	Gimmeiza	c	1013.0	+0.3	1014.0	+0.3	26.9	−0.7	10.3	+0.3	18.6	c	18.9	+1.0	c	15.7	+0.3	c	70	− 6
	Tanta	a	1011.8	−0.7	1013.5	−0.7	26.7	−1.0	11.4	+0.8	19.0	a	18.3	−0.1	a	13.5	−1.6	a	55	−13
	Tahrir	a	1011.4	—	1013.6	—	27.1	—	12.0	—	19.6	a	18.9	—	a	13.6	—	a	52	—
	Shebin El Kom	a	1012.0	−0.9	1013.5	−0.9	26.9	−0.9	11.0	−0.9	19.0	a	18.3	−0.5	a	13.5	−1.5	a	55	− 9
	Zagazig	a	1012.7	−0.2	1014.3	−0.2	26.5	−1.4	12.3	−0.8	19.4	a	19.4	+0.5	a	15.8	+0.3	a	66	− 2
	Abu Sueir (A)	a	1012.1	—	1014.0	—	27.3	—	12.6	—	20.0	a	19.4	—	a	13.7	—	a	49	—
	Zaher (A)	a	1009.5	—	1012.9	—	27.2	—	12.9	—	20.0	a	19.5	—	a	14.2	—	a	53	—
	Wadi El Natrun	a	1014.3	+1.0	1014.4	+1.0	27.9	−0.9	11.7	−0.7	19.8	a	19.9	−0.6	a	13.2	−1.8	a	42	−16
	Inshas (A)	a	1009.3	—	1012.3	—	26.3	—	13.5	—	19.9	a	19.6	—	a	13.5	—	a	46	—
	Fayed (A)	a	1011.3	—	1013.8	—	27.8	—	13.2	—	20.5	a	20.2	—	a	14.0	—	a	46	—
	Kabrit (A)	a	1012.1	—	1013.5	—	26.7	—	13.7	—	20.2	a	19.9	—	a	14.9	—	a	46	—
CAIRO AREA	Cairo (A)	a	1005.6	−0.4	1013.3	−0.4	27.3	−0.6	14.1	−0.5	20.7	a	20.2	−0.6	a	13.7	−1.0	a	44	− 4
	Mostafa Helmi (A)	a	994.3	—	1013.4	—	26.0	—	12.5	—	19.2	a	18.9	—	a	12.7	—	a	45	—
	Almaza (A)	a	1003.8	−1.2	1013.0	−1.3	27.3	−0.6	13.8	−0.4	20.6	a	20.1	−0.6	a	13.4	−0.8	a	42	− 3
	Abbasiya H.Q.)	a	1011.0	—	1013.2	—	28.6	—	14.2	—	21.4	a	20.5	—	a	14.4	—	a	47	—
	Imbaba (A)	a	1010.7	—	1012.8	—	27.7	—	11.5	—	19.6	a	19.3	—	a	13.4	—	a	47	—
	Giza	a	1010.5	−0.5	1013.3	+0.5	27.5	−1.0	11.9	+1.0	19.7	a	19.5	−0.2	a	13.7	−1.1	a	49	−10
	Helwan	a	996.6	0.0	1013.4	+0.0	27.7	−0.7	13.2	−0.9	20.4	a	20.2	−0.3	a	12.9	−1.5	a	38	− 7

a = the 24 hours mean. b = 8 synoptic hours mean. c = 4 main synoptic hours mean.
d = 06,12 & 18 U.T. hours mean. e = 06 & 18 U.T. hours mean

Table A3 (*contd.*)—**MONTHLY MEAN DAILY VALUES OF THE ATMOSPHERIC PRESSURE, AIR TEMPERATURES AND THE RELATIVE HUMIDITY**

APRIL 1962

District	Station	Atmospheric pressure (mb.)					Air temperature (°C)											Relative humidity %		
		Derivation of the mean values a, b, c, d	Station Pressure corrected to Hp		M.S.L. Pressure		Maximum (A)		Minimum (B)		(A+B)/2	Dry bulb			Wet bulb			Derivation of the mean values a,b,c,d,e	Mean	Dev. from normal
			Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal		Deriv. of the mean values a, b, c, d	Mean	Dev. from normal	Deriv. of the mean values. a, b, c, d.	Mean	Dev. from normal			
Upper Egypt	Fayoum	a	1010.4	+0.1	1013.3	0.0	28.7	−0.7	13.6	−0.9	21.2	a	21.0	+0.8	a	13.8	−0.7	a	40	−10
	Beni Suef	a	1009.4	−0.2	1012.8	−0.2	28.8	−0.9	12.1	+0.3	20.4	a	20.4	−0.3	a	13.4	−1.1	a	41	− 6
	Seds	—	—	—	—	—	29.1	+0.1	11.3	−0.3	20.2	c	20.4	+0.3	c	15.5	+0.3	c	56	0
	Minya (A)	a	1007.4	−1.1	1012.1	−1.2	29.5	−0.7	11.8	+0.1	20.6	a	20.8	−0.4	a	14.0	−0.3	a	43	− 1
	Mallawi	—	—	—	—	—	29.5	—	11.2	—	20.4	c	21.0	—	c	15.8	—	c	55	—
	Asyout (Mangabad) (A)	a	1004.5	+0.4	1012.6	+0.4	30.9	−0.6	14.1	−0.4	22.5	a	22.6	−0.7	a	12.9	−0.5	a	26	0
	Shandaweel	—	—	—	—	—	32.8	−0.5	13.6	0.0	23.2	c	23.7	+0.5	c	16.8	+0.4	c	46	0
	Nag Hammadi	—	—	—	—	—	32.8	−0.8	14.2	−1.1	23.5	—	—	—	—	—	—	e	44	+ 3
	Kena	c	1002.8	0.0	1011.5	+0.1	33.6	−1.6	16.5	+0.4	25.0	c	25.6	+1.0	c	15.8	+0.5	c	32	0
	Luxor (A)	a	1000.4	−0.5	1010.5	−0.5	33.9	−0.7	15.6	+0.2	24.8	a	25.2	−0.3	a	14.4	−0.7	a	24	− 5
	Kom Ombo	a	998.3	—	1010.3	—	35.2	—	15.8	—	25.5	a	25.8	—	a	14.2	—	a	21	—
	Aswan (A)	a	987.6	−1.2	1004.7	−1.3	33.9	−1.6	17.6	−1.4	25.8	a	26.1	−0.3	a	13.2	−2.4	a	14	−12
Western Desert	Siwa	a	1015.3	−0.9	1013.6	−0.9	29.5	−0.5	12.9	−0.2	21.2	a	21.4	+0.7	a	12.6	−0.2	a	29	− 5
	Bahariya	a	998.1	0.0	1013.3	−0.1	29.4	−0.9	12.8	+0.2	21.1	a	21.4	+0.8	a	13.1	−1.5	a	33	−15
	Farafra	a	1003.4	+0.1	1014.2	+0.1	30.4	−0.4	12.8	+0.7	21.6	a	21.9	+1.5	a	12.3	+0.7	a	25	− 2
	Dakhla	a	997.7	−2.8	1010.7	−2.7	32.3	+0.2	12.2	−2.5	22.2	a	22.9	−0.4	a	12.2	−2.0	a	20	−11
	Kharga	a	1002.9	−2.0	1011.1	−2.1	33.6	+0.5	14.3	−1.5	24.0	a	23.9	+0.1	a	13.6	−1.8	a	24	−12
Red Sea	Suez	c	1012.2	−0.3	1013.4	−0.3	27.6	−0.7	14.0	−0.6	20.8	c	21.0	+0.5	c	16.6	+0.8	e	62	+ 4
	Abu Redes	a	1011.1	—	1011.5	—	26.1	—	16.8	—	21.4	a	21.4	—	a	15.8	—	a	53	—
	Tor	a	1010.2	−1.2	1010.6	−1.2	27.1	−0.7	16.6	−0.5	21.8	a	22.0	+0.4	a	15.9	−0.8	a	50	− 9
	Hurghada	a	1010.7	0.0	1010.9	0.0	27.5	+1.7	16.0	+0.1	21.8	a	22.2	0.0	a	14.9	−1.4	a	41	−10
	Quseir	a	1009.5	−1.4	1010.5	−1.4	26.4	−0.9	19.3	−0.2	22.8	a	23.2	−0.1	a	16.7	−0.6	a	48	− 4
	Abul Kizan	c	1010.6	—	1011.2	—	27.0	−0.3	23.1	+0.7	25.0	—	—	—	—	—	—	e	70	− 6

a = the 24 hours mean. b = 8 synoptic hours mean. c = 4 main symoptic hours mean.

d = 06.12 & 18 U. T. hours mean. e = 06 & 13 U. T. hours mean.

Table A 4.—MAXIMUM AND MINIMUM AIR TEMPERATURES

APRIL 1962

District	Station	Maximum temperature (°C)									Minimum temperature (°C)							
		Highest	Date	Lowest	Date	Number of days with maximum temperature					Highest	Date	Lowest	Date	Number of days with minimum temperature			
						>25°	>30°	>35°	>40°	>45°					<10°	<5°	<0°	<—5°
Mediterranean	Sallum	31.2	1	18.1	9	6	2	0	0	0	18.0	30	10.2	9	0	0	0	0
	Sidi Barrani	31.2	5	18.1	14	5	2	0	0	0	17.4	30	7.0	10	2	0	0	0
	Mersa Matruh (A)	30.2	5	18.9	9	3	1	0	0	0	15.8	13,30	7.5	15	5	0	0	0
	Ras El Hikma	24.2	5	17.4	14	0	0	0	0	0	17.2	30	10.8	15-16	0	0	0	0
	Dabaa	30.0	5	18.8	11	6	0	0	0	0	18.0	30	7.3	10	7	0	0	0
	Dekheila (A)	34.0	30	19.6	10	6	3	0	0	0	17.5	30	9.9	16	1	0	0	0
	Alexandria (A)	33.6	6	20.8	9	9	5	0	0	0	17.6	30	9.1	16	3	0	0	0
	Balteam	26.9	24	20.7	4	5	0	0	0	0	18.2	30	12.3	16	0	0	0	0
	Damietta	28.1	6	20.2	9	9	0	0	0	0	17.8	30	10.3	5	0	0	0	0
	Port Said (A)	25.9	2	19.5	10,11	1	0	0	0	0	18.6	25,30	14.6	9,29	0	0	0	0
	El Arish	28.0	17	20.3	11	4	0	0	0	0	16.2	8	10.0	17	0	0	0	0
	Ghazza	24.3	17	18.5	9	0	0	0	0	0	17.0	8	10.4	17	0	0	0	0
Lower Egypt	El Sirw	28.3	2	20.7	10,11	6	0	0	0	0	18.7	30	9.0	10	6	0	0	0
	Sakha	36.2	6	22.3	9	14	2	1	0	0	17.0	30	8.7	9	7	0	0	0
	Mansoura	34.0	6	22.6	9	19	3	0	0	0	17.4	30	5.6	10	21	0	0	0
	Damanhour	35.2	6	20.6	14	13	3	1	0	0	16.9	30	9.3	17	8	0	0	0
	Gimmeiza	35.5	30	23.0	9	23	2	1	0	0	17.0	30	6.0	10	12	0	0	0
	Tanta	35.2	6.30	21.5	9	20	3	2	0	0	16.8	30	7.5	10	7	0	0	0
	Tahrir	38.3	30	22.6	9	23	5	2	0	0	17.3	30	8.6	16	5	0	0	0
	Shebin El Kom	35.9	6.30	22.1	9	18	3	2	0	0	16.4	30	7.3	5	10	0	0	0
	Zagazig	36.0	30	22.5	9	19	3	1	0	0	17.0	30	9.0	15	2	0	0	0
	Abu Sueir (A)	37.4	30	22.6	10	23	5	1	0	0	18.1	30	9.9	11	1	0	0	0
	Zaher (A)	37.2	30	22.6	10	19	5	1	0	0	17.6	30	9.4	10	1	0	0	0
	Wadi El Natrun	38.7	30	23.0	9,14	23	7	3	0	0	16.7	13	7.7	15	8	0	0	0
	Inshas (A)	35.0	30	22.3	10	16	3	0	0	0	19.0	30	9.1	10	3	0	0	0
	Fayed (A)	38.4	30	23.0	10	22	8	1	0	0	19.6	30	9.5	11	2	0	0	0
	Kabrit (A)	32.5	6	22.0	15	21	3	0	0	0	17.0	13	10.7	16	0	0	0	0
	Delta Barrage	37.0	30	22.5	9	20	4	1	0	0	16.3	30	7.3	10	10	0	0	0
Cairo Area	Cairo /A)	37.6	30	22.6	9	21	5	1	0	0	19.8	30	9.9	16	1	0	0	0
	Mostafa Helmi (A)	39.0	30	21.1	9	17	4	1	0	0	16.4	30	9.7	15	1	0	0	0
	Almaza (A)	37.8	30	22.5	9	20	6	1	0	0	20.3	30	10.3	10	0	0	0	0
	Abbasiya (H. Q)	37.5	30	24.0	9,10	26	6	2	0	0	19.0	30	10.1	10	0	0	0	0
	Imbaba (A)	38.4	30	22.8	9	23	5	1	0	0	15.8	13	7.3	10	8	0	0	0
	Giza	37.1	30	22.3	9	23	6	2	0	0	17.2	24	7.7	10	6	0	0	0
	Helwan	37.2	30	22.2	9	21	7	2	0	0	20.1	24	9.5	10	1	0	0	0

* More than 3 days.

Table A 4 (*contd.*)—MAXIMUM AND MINIMUM AIR TEMPERATURES

APRIL 1962

District	Station	Maximum temperature (°C)									Minimum temperature (°C)							
		Highest	Date	Lowest	Date	Number of days with maximum temperature					Highest	Date	Lowest	Date	Number of days with minimum temperature			
						> 25°	> 30°	>35°	>40°	>45°					<10°	<5°	<0°	<−5°
Upper Egypt	Fayoum	38.9	30	23.2	15	26	11	1	0	0	18.1	13	9.9	10	1	0	0	0
	Beni Suef	38.7	30	23.7	9	27	11	1	0	0	20.7	30	7.5	10	5	0	0	0
	Seds	39.0	30	23.8	15	27	10	1	0	0	19.5	30	7.4	10	9	0	0	0
	Minya (A)	39.5	30	24.0	9	27	12	4	0	0	17.5	25	8.4	10·16	6	0	0	0
	Mallawi	40.5	30	24.5	9·15	27	13	4	1	0	17.8	25	7.4	10·16	8	0	0	0
	Asyout (Mangabad) (A)	41.0	30	24.3	15	29	15	6	1	0	21.2	25	8.8	11	2	6	0	0
	Nag Hammadi	39.4	7·30	27.0	9·20	30	23	8	0	0	20.4	30	8.8	10	2	0	0	0
	Kena	—	—	—	—	—	—	—	—	—	21.4	14	11.4	11	0	0	0	0
	Luxor (A)	39.6	30	29.0	9	30	24	8	0	0	21.4	14	9.5	11	1	0	0	0
	Kom Ombo	41.6	25	30.0	20	30	28	15	3	0	21.8	14	11.4	11	0	0	0	0
	Aswan (A)	41.0	24·30	28.7	9	30	24	13	3	0	22.9	14	11.6	16	0	0	0	0
Western Desert	Siwa	35.4	24	23.1	14	27	12	2	0	0	21.0	24	7.5	10	4	0	0	0
	Bahariya	38.4	30	23.8	9	25	14	3	0	0	21.0	30	8.0	15	5	0	0	0
	Farafra	39.1	30	23.2	9	28	15	5	0	0	22.8	30	8.4	10	7	0	0	0
	Dakhla	41.6	24	25.2	9	30	19	9	2	0	21.3	25	5.8	16	11	0	0	0
	Kharga	42.4	24	26.0	9	30	21	10	3	0	23.0	25	9.0	20	1	0	0	0
Red Sea	Suez	32.7	13·24	22.9	10	22	7	0	0	0	19.1	30	9.8	10	1	0	0	0
	Abu Redes	38.0	30	21.9	10.15	17	2	1	0	0	21.2	25	14.0	17	0	0	0	0
	Tor	33.3	25	21.7	10.15	18	7	0	0	0	21.6	25	12.2	11	0	0	0	0
	Hurghada	34.1	25	23.7	10	25	5	0	0	0	21.9	25	13.1	11	0	0	0	0
	Quseir	33.0	25	24.2	21	25	2	0	0	0	23.1	25	16.7	12	0	0	0	0
	Abul Kizan	30.1	25	24.4	9	26	1	0	0	0	25.0	30	21.5	21	0	0	0	0

Table A 5.— RAINFALL AND SNOW DEPTH

APRIL 1962

District	Station	Rainfall (millimetres)											Snow depth (centimetres)	
		Total Amount	Dev. from normal	Maximum fall in one day		Number of days with amount of rain							Max m m depth	Date
				Amount	Date	<0.1	≥0.1	≥1.0	≥ .0	≥10	≥25	≥ 50		
Mediterranean	Sallum	0.9	— 0.7	0.6	11	0	2	0	0	0	0	0	0	—
	Sidi Barrani	0.3	— 2.6	0.3	11	0	1	0	0	0	0	0	0	—
	Mersa Matruh (A)	0.0	— 2.8	0.0	—	0	0	0	0	0	0	0	0	—
	Ras El Hikma	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Dabaa	0.0	— 2.6	0.0	—	0	0	0	0	0	0	0	0	—
	Dekheila (A)	0.1	—	0.1	13	0	1	0	0	0	0	0	0	—
	Alexandria (A)	0.1	— 3.4	0.1	13	0	1	0	0	2	0	0	0	—
	Balteam	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Damietta	0.0	— 2.6	0.0	—	0	0	0	0	0	0	0	0	—
	Port Said (A)	Tr.	— 1.7	Tr.	13·18	2	0	0	0	0	0	0	0	—
	El Arish	6.8	+ 0.2	5.8	19	1	3	1	1	0	0	0	0	—
	Ghazza	6.6	—	5.1	19	0	3	2	1	0	0	0	0	—
	Fuka	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Hammam	0.0	— 2.0	0.0	—	0	0	0	0	0	0	0	0	—
	Borg El Arab	0.0	— 2.0	0.0	—	0	0	0	0	0	0	0	0	—
	Mex	0.0	— 3.0	0.0	—	0	0	0	0	0	0	0	0	—
	Tolombat El Tabia	0.0	— 1.0	0.0	—	0	0	0	0	0	0	0	0	—
	Kom El Tarfaia	0.0	— 2.0	0.0	—	9	0	0	0	0	0	0	0	—
	Rosetta L.H.	0.0	— 3.0	0.0	—	0	6	0	0	0	0	0	0	—
	Borollos L.H.	0.0	— 5.0	0.0	—	0	0	0	0	0	0	0	0	—
	Damietta L.H.	0.0	— 3.0	0.0	—	0	0	0	0	0	0	0	0	—
Lower Egypt	El Sirw	0.0	— 3.6	0.0	—	0	0	0	0	0	0	0	0	—
	Sakha	0.0	— 2.8	0.0	—	0	0	0	0	0	0	0	0	—
	Mansoura	0.0	— 2.1	0.0	—	0	0	0	0	0	0	0	0	—
	Damanhour	0.0	— 1.4	0.0	—	0	0	0	0	0	0	0	0	—
	Gimmeiza	0.0	— 1.5	0.0	—	0	0	0	0	0	0	0	0	—
	Tanta	0.0	— 2.1	0.0	—	0	0	0	0	0	0	0	0	—
	Tahrir	Tr.	—	Tr.	13·29	2	0	0	0	0	0	0	0	—
	Shebin El Kom	Tr.	— 1.2	Tr.	13·29	2	0	0	0	0	0	0	0	—
	Zagazig	Tr.	— 2.4	Tr.	12	1	0	0	0	0	0	0	0	—
	Abu Sueir (A)	0.4	—	0.4	18	1	1	0	0	0	0	0	0	—
	Zaher (A)	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Wadi El Natrun	0.0	—Tr.	0.0	—	0	0	0	0	0	0	0	0	—
	Inshas (A)	0.0	—	0.0	-	0	0	0	0	0	0	0	0	—
	Fayed (A)	Tr.	—	Tr.	17·20	2	0	0	0	0	0	0	0	—
	Kabrit (A)	Tr.	—	Tr.	19	1	0	0	0	0	0	0	0	—
	Delta Barrage	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Tolombat El Boseili	0.0	— 3.0	0.0	—	0	0	0	0	0	0	0	0	—
	Kafr El Dawar	0.0	— 3.0	0.0	—	0	0	0	0	0	0	0	0	—
	Kafr El Sheikh	0.0	— 2.0	0.0	—	0	0	0	0	0	0	0	0	—
	Kafr El Zayat	0.0	— 2.0	0.0	—	0	0	0	0	0	0	0	0	—
	Faqus	0.0	— 3.0	0.0	—	0	0	0	0	0	0	0	0	—
Cairo Area	Cairo (A)	Tr.	— 0.8	Tr.	29	1	0	0	0	0	0	0	0	—
	Mostafa Helmi (A)	0.2	—	0.2	13	0	1	0	0	0	0	0	0	—
	Almaza (A)	Tr.	— 0.6	Tr.	29	1	0	0	0	0	0	0	0	—
	Abbasiya (H.Q.)	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Imbaba (A)	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Giza	Tr.	— 0.7	Tr.	13	1	0	0	0	0	0	0	0	—
	Helwan	0.0	— 0.9	0.0	—	0	0	0	0	0	0	0	0	—

Table A 5 (*contd.*)—RAINFALL AND SNOW DEPTH

APRIL 1962

District	Station	Rainfall (millimetres)											Snow depth (centimetres)	
		Total amount	Dev. from normal	Maximum fall in one day		Number of days with amount of rain							Maximum depth	Date
				Amount	Date	< 0.1	≥ 0.1	≥ 1.0	≥ 5.0	≥ 10	≥ 25	≥ 50		
Upper Egypt	Fayoum	Tr.	— 1.0	Tr.	24	1	0	0	9	0	0	0	0	—
	Beni Suef	0.0	— 1.3	0.0	—	0	0	0	0	0	0	0	0	—
	Seds	0.0	— 1.3	0.0	—	0	0	0	0	0	0	0	0	—
	Minya (A)	Tr.	— 0.7	Tr.	24	1	0	0	0	0	0	0	0	—
	Mallawi	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Asyout Mangalad (A)	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Shandaweel	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Nag Hammadi	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Kena	0.0	Tr.	0.0	—	0	0	0	0	0	0	0	0	—
	Luxor (A)	0.0	— 0.1	0.0	—	0	0	0	0	0	0	0	0	—
	Kom Ombo	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Aswan (A)	0.0	0.3	0.0	—	0	0	0	0	0	0	0	0	—
Western Desert	Siwa	Tr.	— 0.9	Tr.	13,22,23	3	0	0	0	0	0	0	0	—
	Bahariya	0.0	— 0.7	0.0	—	0	0	0	0	0	0	0	0	—
	Farafra	0.0	Tr.	0.0	—	0	0	0	0	0	0	0	0	—
	Dakhla	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Kharga	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
Red Sea	Suez	Tr.	— 1.2	Tr.	17	1	0	0	0	0	0	0	0	—
	Abu Redes	0.0	—	0.7	—	0	0	0	0	0	0	0	0	—
	Tor	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Hurghada	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Quseir	0.0	— 0.1	0.0	—	0	0	0	0	0	0	0	0	—
	Abul Kizan	0.0	— 0.2	0.0	—	0	0	0	0	0	0	0	0	—

Table A 6—BRIGHT SUNSHINE, CLOUDINESS, EVAPORATION, BRIGHT & BLACK BULB TEMPERATURES AND GRASS MINIMUM APRIL 1962

District	Station	Duration of bright sunshine (hours)			Mean sky cover (octas)								Mean daily evaporation Piche (millimetres	Mean maximum temp. (°C) of		Mean grass minimum (°C)
		Total actual	Total possible	Percentage %	0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.			Black bulb thermometer	Bright bulb thermometer	
					Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal				
Mediterranean	Sallum	—	—	—	2.3	—	3.1	—	3.2	—	2.3	—	7.7	—	—	13.7
	Sidi Barrani	—	—	—	—	—	3.6	—	3.1	—	2.4	—	5.9	—	—	—
	Mersa Matruh (A)	295.1	388.8	75.1	2.6	—	3.0	—	2.7	—	3.0	—	7.7	—	—	—
	Ras El Hikma	—	—	—	—	—	2.0	—	2.1	—	1.4	—	—	—	—	—
	Dabaa	—	—	—	—	—	2.9	—	2.7	—	2.7	—	9.2	—	—	—
	Dekheila (A)	—	—	—	1.7	—	2.3	—	2.2	—	2.6	—	6.1	—	—	—
	Ras El Teen	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Alexandria (A)	311.0	388.2	80.1	3.2	—	3.3	—	3.4	—	3.7	—	4.2	—	—	—
	Balteam	—	—	—	—	—	2.8	—	3.4	—	2.3	—	4.4	—	—	—
	Damietta	—	—	—	—	—	2.8	—	1.0	—	1.2	—	3.3	—	—	—
	Port Said (A)	259.8	388.2	66.9	1.5	—	3.2	—	1.6	—	1.8	—	6.8	—	—	—
	El Arish	—	—	—	3.9	—	3.9	—	2.9	—	3.2	—	4.2	—	—	11.8
	Ghazza	289.0	388.8	74.3	2.7	—	4.0	—	3.1	—	2.5	—	5.1	—	—	12.6
Lower Egypt	El Sirw	—	—	—	—	—	0.6	—	0.3	—	0.2	—	4.3	—	—	—
	Sakha	—	—	—	—	—	2.3	—	3.4	—	0.9	—	6.0	—	—	—
	Mansoura	—	—	—	—	—	1.7	—	2.2	—	—	—	5.6	—	—	—
	Damanhour	—	—	—	—	—	2.4	—	2.4	—	1.8	—	3.9	—	—	—
	Gimmeiza	—	—	—	—	—	1.2	—	2.0	—	0.2	—	5.1	—	—	—
	Tanta	328.7	387.6	84.8	—	—	2.4	—	2.4	—	1.3	—	6.0	61	39	—
	Tahrir	307.5	387.7	79.3	—	—	2.2	—	2.5	—	1.0	—	9.8	—	—	10.5
	Shebin El Kom	—	—	—	—	—	2.1	—	2.3	—	0.8	—	3.9	—	—	—
	Zagazig	282.4	387.6	72.9	—	—	2.5	—	3.1	—	1.1	—	5.0	—	—	—
	Abu Sueir (A)	—	—	—	2.8	—	2.8	—	3.4	—	2.3	—	10.2	70	—	11.4
	Zaher (A)	—	—	—	—	—	2.7	—	2.6	—	0.8	—	9.1	—	—	—
	Wadi El Natrun	—	—	—	—	—	1.6	—	2.0	—	1.0	—	10.6	—	—	—
	Inshas (A)	—	—	—	0.5	—	2.2	—	2.3	—	1.0	—	11.4	—	—	—
	Fayed (A)	—	—	—	—	—	2.3	—	2.2	—	1.1	—	13.5	—	—	—
	Kabrit (A)	—	—	—	—	—	1.9	—	2.0	—	1.1	—	10.6	—	—	—
	Delta Barrage	—	—	—	—	—	—	—	—	—	—	—	3.9	—	—	—
Cairo Area	Cairo (A)	—	—	—	2.1	—	3.1	—	3.1	—	1.6	—	14.0	—	—	—
	Mostafa Helmi (A)	—	—	—	1.5	—	2.8	—	2.5	—	1.2	—	12.8	—	—	—
	Almaza (A)	283.4	387.2	73.2	1.6	—	3.3	—	2.5	—	1.3	—	12.0	—	—	—
	Abbasiya (H.Q.)	292.0	387.2	75.4	0.9	—	2.9	—	2.1	—	1.5	—	7.0	70	42	—
	Imbaba (A)	—	—	—	—	—	2.7	—	2.2	—	0.5	—	8.8	—	—	—
	Giza	295.9	386.5	76.6	—	—	2.9	—	2.4	—	0.8	—	8.9	—	—	8.0
	Helwan	—	—	—	1.6	—	2.7	—	2.5	—	1.0	—	18.5	—	—	—
Upper Egypt	Fayoum	—	—	—	—	—	2.0	—	1.6	—	1.0	—	8.5	—	—	—
	Beni Suef	—	—	—	—	—	1.6	—	1.3	—	0.5	—	6.8	—	—	9.2
	Seds	—	—	—	—	—	1.2	—	1.4	—	0.8	—	6.5	—	—	9.7
	Minya (A)	—	—	—	1.0	—	1.1	—	1.3	—	1.2	—	8.8	66	40	9.3
	Mallawi	—	—	—	—	—	0.5	—	1.0	—	0.4	—	5.4	—	—	10.4
	Asyout (Mangabad) (A)	—	—	—	0.3	—	1.2	—	0.8	—	0.7	—	17.0	—	46	13.2
	Shandaweel	(317.0)	(363.1)	(87.3)	—	—	0.5	—	1.0	—	0.4	—	7.2	—	—	3.5
	Nag Hammadi	—	—	—	—	—	0.3	—	0.2	—	0.6	—	8.1	—	—	15.1
	Kena	—	—	—	—	—	1.8	—	0.6	—	0.3	—	9.1	—	—	13.9
	Luxor (A)	—	—	—	0.9	—	1.5	—	0.8	—	0.9	—	10.8	66	45	—
	Kom Ombo	—	—	—	—	—	0.9	—	1.1	—	0.6	—	14.4	—	—	12.0
	Aswan (A)	—	—	—	0.8	—	1.2	—	1.4	—	1.0	—	19.0	—	—	—
Western Desert	Siwa	—	—	—	1.7	—	2.0	—	2.5	—	2.4	—	13.1	76	45	11.1
	Bahariya	—	—	—	0.7	—	1.6	—	1.9	—	1.4	—	9.4	—	—	11.8
	Farafra	—	—	—	1.1	—	1.3	—	2.1	—	1.6	—	17.8	—	—	—
	Dakhla	—	—	—	0.7	—	1.0	—	1.3	—	1.1	—	17.9	—	48	4.8
	Khaga	—	—	—	0.6	—	1.0	—	1.1	—	0.8	—	12.1	—	—	11.7
Red Sea	Suez	—	—	—	—	—	1.8	—	2.0	—	1.2	—	9.9	—	—	—
	Abu Redes	305.4	385.3	79.3	—	—	0.7	—	1.3	—	0.9	—	9.8	—	—	—
	Tor	—	—	—	1.0	—	1.1	—	2.0	—	1.7	—	8.7	—	—	—
	Hurghada	—	—	—	0.8	—	1.2	—	1.7	—	1.1	—	16.7	—	—	—
	Quseir	—	—	—	1.2	—	1.7	—	1.5	—	0.7	—	14.8	—	—	—
	Abul Kizan	—	—	—	—	—	1.7	—	1.7	—	0.9	—	4.7	—	—	—

Note: Actual number of sunshine records at shandaweel was 28 days only.

Table A 7.—SOIL TEMPERATURES (°C) AT FIXED HOURS

APRIL 1962

District	Station	Depth in centimetres	0000 U.T. Mean	0000 U.T. Highest Value	0000 U.T. Highest Date	0000 U.T. Lowest Value	0000 U.T. Lowest Date	0600 U.T. Mean	0600 U.T. Highest Value	0600 U.T. Highest Date	0600 U.T. Lowest Value	0600 U.T. Lowest Date	1200 U.T. Mean	1200 U.T. Highest Value	1200 U.T. Highest Date	1200 U.T. Lowest Value	1200 U.T. Lowest Date	1800 U.T. Mean	1800 U.T. Highest Value	1800 U.T. Highest Date	1800 U.T. Lowest Value	1800 U.T. Lowest Date
MEDITERRANEAN	Sidi Barrani . .	5	—	—	—	—	—	17.1	20.0	30	14.0	10	23.6	28.0	29	15.0	6	21.0	23.5	5	19.4	8,10
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	19.7	21.5	30	17.8	16	20.4	22.0	30	19.0	1	21.5	24.0	26	19.0	3
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Marsa Matruh(A)	5	19.1	21.2	27	16.0	3,15	17.6	22.2	7	14.5	15	29.7	33.5	21	24.5	15	24.2	28.0	20	21.0	8
		10	20.7	22.9	27	18.0	15	18.9	23.0	7	16.0	10	25.5	33.0	25	20.5	27	24.9	28.0	25	22.0	8
		20	22.3	24.1	2	21.0	*	20.8	23.5	7	18.6	15	21.9	29.0	25	20.5	10,12	24.0	27.0	25	22.2	12
		50	21.9	23.6	27	20.0	4	21.4	23.0	25,26	19.2	4	21.4	28.5	20	20.2	24	21.8	23.2	26	20.6	5,10
		100	20.4	21.3	30	19.0	5	20.5	21.4	30	19.0	5	20.5	21.4	27	19.2	2	20.5	22.2	26	19.1	1
		200	21.0	22.2	30	20.5	5,7	21.0	22.1	25	20.5	5,9	21.0	22.5	22	20.2	1	21.0	21.8	26	19.1	2
	Ras El Hekma .	5	—	—	—	—	—	17.0	23.0	25	14.1	16	24.0	26.8	21	19.1	13	19.4	23.0	23	18.0	8
		10	—	—	—	—	—	17.1	23.0	25	14.7	16	21.4	23.4	21	18.2	13	20.1	21.8	20	18.7	13
		20	—	—	—	—	—	17.2	18.9	30	15.3	16	19.9	21.2	21	17.9	13	19.6	20.7	25	18.4	13
		50	—	—	—	—	—	18.7	19.6	27,28,29	18.0	1	18.6	19.5	*	18.7	1	18.7	20.8	22	18.0	1,16
		100	—	—	—	—	—	18.2	18.8	29,30	17.7	2	18.3	18.9	30	17.7	1,2	18.3	18.8	28,29,30	17.7	1,2
		200	—	—	—	—	—	18.4	18.7	30	18.1	1,2,4	18.4	18.7	26,29,30	18.1	2	18.4	18.7	26	18.1	2
	Alexandria . (A)	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	23.2	24.8	26	21.4	1	23.2	24.8	26	21.2	1	23.1	24.5	26	21.9	1,5	23.2	25.0	25	21.9	5
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	El Arish. . . .	5	17.6	19.4	14,26,30	15.4	17	19.3	22.4	2	16.9	11,18	34.4	36.2	26	30.4	13	22.6	25.0	25	20.2	18
		10	20.0	23.4	14	17.6	21	18.6	21.4	30	16.4	17	29.3	33.0	22	26.0	18	24.9	27.0	25	22.3	20
		20	22.5	24.3	27	21.4	17,21	20.9	22.2	30	19.7	21	23.5	25.4	26	20.6	12	25.2	27.0	25,26	23.4	18
		50	23.3	24.3	28	22.4	1	23.4	24.5	28	22.1	3	23.0	24.2	27	21.4	23	22.9	24.1	27	21.1	12
		100	22.0	23.0	14,29	21.2	1	22.0	22.9	29	21.2	1	22.1	22.9	29,30	21.2	1,2	22.0	23.0	28	21.2	1,2
		200	21.3	22.0	29,30	20.4	1	21.3	22.2	30	20.4	1	21.3	22.0	29,30	20.5	1	21.4	22.9	13	20.4	2
	Ghazza	5	18.7	21.4	8	16.4	21	18.5	20.6	14	16.4	2	29.0	31.8	5	24.8	17	22.8	25.0	26	19.4	20
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	21.8	23.3	28	20.9	1	21.9	22.8	27	20.8	9	21.9	23.0	9	21.0	1,3,6	21.7	23.3	27	20.8	20
		100	21.7	22.7	28	21.0	2,4	22.9	22.7	28	20.8	9	22.0	23.3	27	20.8	1	21.8	22.7	27	21.0	1,3,5
		200	22.4	24.3	28	21.0	4	23.4	25.0	22	21.5	4,6,11	23.5	25.7	21	21.0	8,13	22.4	24.3	22,27	21.0	10

* More than 3 days.

Table A 7 (*contd.*)—SOIL TEMPERATURES (°C) AT FIXED HOURS
APRIL 1962

District	Station	Depth in centimetres	0000 U.T.					0600 U.T.					1200 U.T.					1800 U.T.				
			Mean	Highest		Lowest		Mean	Highest		Lowest		Mean	Highest		Lowest		Mean	Highest		Lowest	
				Value	Date	Value	Date		Value	Date	Value	Date		Value	Date	Value	Date		Value	Date	Value	Date
Lower Egypt	Sakha	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	—	—	—	—	—	19.8	20.5	7	19.0	4,5	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	19.5	20.0	29,30	19.0	*	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gimmeiza	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	20.0	22.5	27	19.0	*	25.5	29.5	30	19.5	15	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	21.7	23.5	*	19.0	6	22.1	24.0	21,30	20.7	1,2,3	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Tanta	5	—	—	—	—	—	18.7	21.0	30	16.8	16	25.4	28.0	30	22.2	13	23.4	—	—	—	—
		10	—	—	—	—	—	21.6	23.4	26·30	20.0	16	24.9	26.8	25,26	23.0	13	25.1	—	—	—	—
		20	—	—	—	—	—	21.6	23.2	26	20.2	1	21.7	23.4	26	20.5	1	22.5	—	—	—	—
		50	—	—	—	—	—	23.6	24.7	*	22.3	1	23.5	24.6	26,29,30	22.2	1	23.3	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Tahrir	5	—	—	—	—	—	18.9	22.1	30	16.4	10	35.8	42.0	30	25.5	13	23.4	28.0	30	20.0	14
		10	—	—	—	—	—	18.6	21.4	30	16.5	10	29.6	33.7	30	23.6	13	25.7	29.8	30	22.7	13
		20	—	—	—	—	—	20.9	23.0	30	19.3	15	23.9	26.1	30	22.2	13	25.6	28.5	30	22.8	13
		50	—	—	—	—	—	22.8	24.2	27	21.7	1	22.3	23.7	27	21.3	1	22.8	24.2	26,30	21.8	1
		100	—	—	—	—	—	22.2	23.1	28,29,30	21.4	1	—	—	—	—	—	22.2	23.1	*	21.4	1
		200	—	—	—	—	—	21.6	22.2	28,29,30	20.9	1	—	—	—	—	—	21.6	22.3	30	21.0	1,2
	Delta Barrage	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	23.3	24.1	29	22.5	2,5,6	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	21.9	22.6	28,29,30	21.0	2,5,6	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	21.0	21.7	*	20.3	20	—	—	—	—	—	—	—	—	—	—

More than 3 days.

Table A 7 (*contd.*).—**SOIL TEMPERATURE (°C) AT FIXED HOURS**

APRIL 1962

District	Station	Depth in centimetres	0000 U.T. Mean	0000 U.T. Highest Value	0000 U.T. Highest Date	0000 U.T. Lowest Value	0000 U.T. Lowest Date	0600 U.T. Mean	0600 U.T. Highest Value	0600 U.T. Highest Date	0600 U.T. Lowest Value	0600 U.T. Lowest Date	1200 U.T. Mean	1200 U.T. Highest Value	1200 U.T. Highest Date	1200 U.T. Lawest Value	1200 U.T. Lawest Date	1800 U.T. Mean	1800 U.T. Highest Value	1800 U.T. Highest Date	1800 U.T. Dowest Value	1800 U.T. Dowest Late
Cairo Area	Giza	5	—	—	—	—	—	20.3	23.4	24.26	17.6	20	32.6	35.9	26	27.0	13	26.8	30.4	30	24.1	14
		10	—	—	—	—	—	21.6	23.8	30	19.8	15	26.6	29.1	30	24.5	13	27.2	29.5	30	25.0	13
		20	—	—	—	—	—	23.9	25.6	30	22.8	15	24.1	25.9	30	23.0	1,15	25.2	27.0	30	24.1	14
		50	—	—	—	—	—	24.2	25.5	30	23.4	1,2	24.2	25.0	30	23.4	1,2	24.1	25.4	30	23.3	1.2
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Upper Egypt	Seds	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	20.6	21.4	29	19.8	2,6	20.7	21.4	29,30	20.0	*	20,6	21.5	30	19.8	3,5
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Minya . . (A)	5	23.1	26.5	25	20.0	1,11	20.8	31.0	24	18.0	1,11	28.5	32.0	30	25.4	1	26.4	30.5	30	23.7	1
		10	25.4	—	—	—	—	23.7	—	—	—	—	27.7	—	—	—	—	27.5	—	—	—	—
		20	24.9	27.5	25	23.0	2,16	24.1	27.0	25	22.5	1,2	24.9	28.7	29	22.5	14	25.6	28.0	30	22.9	1
		50	25.2	27.0	26	24.0	3	25.2	26.9	27	24.0	1,2,3	25.2	26.7	29,30	23.6	2	25.3	26.8	29	24.0	2
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Mallawi . . .	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	20.9	22.7	*	19.4	1,2	20.9	22.8	30	19.4	1,2	20.9	22.8	30	19.4	1,2
		100	—	—	—	—	—	19.8	21.0	28,29,30	18.5	1,2	19.8	21.0	28,29,30	18.5	1,2	19.8	21.0	28,29,30	18.5	1.2
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Shandaweel . .	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	—	—	—	—	—	27.1	29.5	27,28,30	25.5	1	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	24.0	25.3	29,30	23.0	*	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

* More than 3 days.

Table A 7 (*contd.*).—SOIL TEMPERATURE (°C) AT FIXED HOURS

APRIL 1962

District	Station	Depth in centimetres	0000 U.T.					0600 U.T.					1200 U.T.					1800 U.T.				
			Mean	Highest		Lowest		Mean	Highest		Lowest		Mean	Highest		Lowest		Mean	Highest		Lowest	
				Value	Date	Value	Date		Value	Date	Value	Date		Value	Date	Value	Date		Value	Date	Value	Date
Upper Egypt	Kom Ombo	5	—	—	—	—	—	24.2	28.8	14	19.0	17	52.3	60.0	6,7,11	37.5	16	31.9	39.0	25	24.0	16
		10	—	—	—	—	—	25.2	29.0	26	21.4	17	37.6	42.0	12	31.5	16	32.3	35.7	25	27.0	16
		20	—	—	—	—	—	27 6	30.0	26	26.2	12	29.1	31.0	7,8	27.4	17	29.3	31.2	25	27.7	20
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Aswan . . (A)	5	22.8	29.9	26	16.7	21	23.4	27.5	14.26	20.0	11	42.0	51.3	25	28.7	1	30.4	39.4	25	23.0	20
		10	27.1	33.0	26	23.2	16	23.9	29.0	26	19.7	16	33.2	39.2	25	27.0	10	33.1	38.0	25	29.4	21
		20	29.5	32.9	26	26.6	11	27.8	31.2	26	25.2	17	28.1	30.6	14,26	24.2	11	30.8	33.4	25,30	28.5	10
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Western Desert	Bahariya . . .	5	21.3	26.0	24	18.2	16	19.9	24.3	24	16.4	16	33.4	39.2	25	29.8	13	28.9	32.4	30	25.4	10
		10	24.3	27.6	24	20.2	11	21.5	25.4	24	19.3	1	28.2	31.7	25	25.9	10	29.1	32.0	25,30	27.0	9,10
		20	26.1	28.6	26	24.0	19	24.3	26.8	24	22.4	1	25.2	27.8	24	23.4	1	27.5	29.8	25	25.0	1
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Farafra. . . .	5	20.2	23.2	30	17.7	10	18.7	21.8	30	16.4	11	26.3	30.4	6	22.9	17	23.3	27.1	7	20.8	27
		10	21.8	24.4	7	19.9	10	20.3	22.8	30	18.2	10	24.4	26.6	7	21.7	17	24.0	27.5	7	21.9	27
		20	24.1	26.3	7	23.0	16,17	22.8	24.7	7	20.0	15	23.5	25.2	7,19	21.7	15	24.9	28.1	7	21.9	15
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

* More than 3 days.

Table A 8 — FREQUENCY OF OCCURRENCE OF MISCELLANEOUS WEATHER PHENOMENA

APRIL 1962

District	Station	Precipitation: Rain	Precipitation: Snow	Precipitation: Ice pellets	Precipitation: Hail	Frost	Thunderstorm	Mist vis. ≥ 1000 metres.	Fog. vis. < 1000 metres	Haze vis. ≥ 1000 metrees	Thick haze vis. < 1000 metres.	Dust rising/Sand rising vis. ≥ 1000 metres,	Duststorm / Sandstorm vis. < 1000 metres.	Drifting Snow: Slight/moderate vis. below eye level ≥ 1000 metres	Drifting Snow: Heavy vis. below eye level < 1000 metres (snow storm)	Blowing Snow: Slight / moderate vis. below eye level ≥ 1000 metres	Blowing Snow: Heavy vis. below eye level < 1000 metres (snow storm)	Gales	Clear Sky	Cloudy Sky
MEDITERRANEAN	Sallum	2	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	14	2
	Sidi Barrani	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	—
	Mersa Matruh (A)	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	14	2
	Ras El Hikma	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	—	—
	Dabaa	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	—	—
	Dekheila (A)	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	15	1
	Alexandria (A)	1	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	5	1
	Balteam	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	—	—
	Damietta	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	—	—
	Port Said (A)	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	19	1
	El Arish	3	0	0	0	0	0	6	3	1	0	4	0	0	0	0	0	0	5	1
	Ghazza	3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	9	0
LOWER EGYPT	El Sirw	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sakha	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Mansoura	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	—
	Damanhour	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gimmeiza	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Tanta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	—
	Tahrir	0	0	0	0	0	0	7	0	0	0	2	0	0	0	0	0	0	—	—
	Shebin El Kom	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	—	—
	Zagazig	0	—	—	—	—	—	—	—	—	—	—	—	0	0	0	0	0	—	—
	Abu Sueir (A)	1	0	0	0	0	0	8	0	10	0	6	0	0	0	0	0	0	8	0
	Zaher (A)	0	0	0	0	0	0	9	0	0	0	3	0	0	0	0	0	0	—	—
	Wadi El Natrun	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	—	—
	Inshas (A)	0	0	0	0	0	0	0	0	0	1	5	1	0	0	0	0	0	23	1
	Fayed (A)	0	0	0	0	0	0	0	0	3	0	3	1	0	0	0	0	1	—	—
	Kabrit (A)	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	—	—
	Delta Barrage	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
CAIRO AREA	Cairo (A)	0	0	0	0	0	0	6	0	9	0	4	1	0	0	0	0	0	14	0
	Mostafa Helmi (A)	1	0	0	0	0	0	13	0	2	0	10	0	0	0	0	0	0	19	1
	Almaza (A)	0	0	0	0	0	0	6	0	11	0	2	0	0	0	0	0	0	18	1
	Abbasiya (H.Q.)	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	21	1
	Imbaba (A)	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	—	—
	Giza	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	—	—
	Helwan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	1

Table A 8 *(contd.)*.—**FREQUENCY OF OCCURRENCE OF MISCELLANEOUS WEATHER PHENOMENA.**

APRIL 1962

District	Station	Precipitation				Frost	Thunderstorm	Mist vis. ≥ 1000 metres.	Fog vis. < 1000 metres.	Haze vis. ≥ 1000 metres.	Thick haze vis. < 1000 metres.	Dust rising / Sand rising vis. ≥ 1000 metres.	Duststorm / Sandstorm vis. < 1000 metres.	Drifting Snow		Blowing Snow		•Gales	Clear Sky	Cloudy Sky
		Rain	Snow	Ice pellets	Hail									Slight/moderate vis. below eye level ≥ 1000 metres	Heavy vis. below eye level < 1000 metres (snow storm)	Slight / moderate vis. below eye level ≥ 1000 motrtes	Heavy vis. below eye level < 1000 metres (snow storm)			
Upper Egypt	Fayoum	0	0	0	0	0	0		0	1	0	0	2	0	0	0	0	0	—	—
	Beni Suef	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	—	—
	Seds	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Minya (A)	0	0	0	0	0	0	0	0	1	0	5	0	0	0	0	0	0	24	1
	Mallawi	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Asyout (Mangabad) (A)	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	26	—
	Shandaweel	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Nag Hammadi	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kena (A)	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Luxor	0	0	0	0	0	0	0	0	2	0	4	0	0	0	0	0	0	24	0
	Kom Ombo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	—
	Aswan (A)	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	25	0
Western Desert	Siwa	0	—	—	—	—	—	—	—	0	1	5	0	0	0	0	0	0	15	0
	Bahariya	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	1	20	0
	Farafra	0	0	0	0	0	0	0	0	2	0	8	0	0	0	0	0	0	23	1
	Dakhla	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	24	1
	Kharga	0	0	0	0	0	0	0	0	2	0	7	1	0	0	0	0	0	26	0
Red Sea	Suez	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Abu Redes	0	0	0	0	0	0	0	0	0	0	9	1	0	0	0	0	0	—	—
	Tor	0	0	0	0	0	0	0	0	6	0	8	0	0	0	0	0	0	23	1
	Hurghada	0	0	0	0	0	0	0	0	1	0	6	1	0	0	0	0	4	22	0
	Quseir	0	0	0	0	0	0	0		5	0	10	1	0	0	0	0	1	24	1
	Abul Kizan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Table A 9.—NUMBER IN HOURS OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION RECORDED WITHIN SPECIFIED RANGES

APRIL 1962

District	Station	Number in hours of calm winds	Number in hours of variable winds	Number in hours of unrecorded winds	Wind speed in knots	Number in hours of occurrences of wind blowing from the ranges of directions indicated												
						345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
Mediterranean	Sidi Barrani	9	0	0	1-10	56	34	31	28	36	29	25	33	25	10	40	100	447
					11-27	9	7	23	51	7	7	15	5	5	5	66	64	264
					28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**65**	**41**	**54**	**79**	**43**	**36**	**40**	**38**	**30**	**15**	**106**	**164**	**711**
	Mersa Matruh . (A)	6	5	0	1-10	29	12	14	34	26	27	14	12	29	46	17	26	286
					11-27	40	21	24	51	21	7	20	12	13	19	68	124	420
					28-47	0	0	0	3	0	0	0	0	0	0	0	0	3
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**69**	**33**	**38**	**88**	**47**	**34**	**34**	**24**	**42**	**65**	**85**	**150**	**709**
	Dekheila . . . (A)	3	0	0	1-10	107	49	39	33	43	29	20	20	9	3	37	104	493
					11-27	50	16	23	13	26	8	0	0	0	4	16	68	224
					28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**157**	**65**	**62**	**46**	**69**	**37**	**20**	**20**	**9**	**7**	**53**	**172**	**717**
	Alexandria . . (A)	7	2	0	1-10	27	37	38	38	29	24	12	13	7	21	101	143	490
					11-27	14	23	19	16	3	0	0	1	4	10	79	52	221
					28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**41**	**60**	**57**	**54**	**32**	**24**	**12**	**14**	**11**	**31**	**180**	**195**	**711**
	Port Said . . . (A)	1	0	0	1-10	79	38	28	14	5	8	5	8	12	38	25	68	328
					11-27	22	28	68	45	4	0	5	3	18	25	40	133	391
					28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**101**	**66**	**96**	**59**	**9**	**8**	**10**	**11**	**30**	**63**	**65**	**201**	**719**
	El Arish	1	29	3	1-10	65	55	34	17	16	58	32	50	56	27	76	128	614
					11-27	3	2	2	0	0	0	1	1	6	3	35	20	73
					28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**68**	**57**	**36**	**17**	**16**	**58**	**33**	**51**	**62**	**30**	**111**	**148**	**687**
Lower Egypt	Mansoura	4	2	5	1-10	43	56	45	20	17	9	14	18	72	58	77	70	499
					11-27	19	29	43	13	0	0	0	1	8	17	32	48	210
					28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**62**	**85**	**88**	**33**	**17**	**9**	**14**	**19**	**80**	**75**	**109**	**118**	**709**
	Tanta	61	2	3	1-10	27	41	64	42	33	5	7	14	54	76	104	85	552
					11-27	8	3	14	15	0	0	0	0	2	11	39	10	102
					28-47	0	0	0	0	0	0	0	0	0	0	2	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**35**	**44**	**78**	**57**	**33**	**5**	**7**	**14**	**56**	**87**	**143**	**95**	**654**
	Abu Sueir . . . (A)	56	0	4	1-10	45	38	50	10	5	11	7	14	62	69	37	54	402
					11-27	33	41	40	8	4	0	0	0	5	45	49	33	258
					28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**78**	**79**	**90**	**18**	**9**	**11**	**7**	**14**	**67**	**114**	**86**	**87**	**660**
	Zaher . . . . . (A)	25	17	0	1-10	73	59	51	11	13	13	8	26	65	58	75	97	549
					11—27	8	34	23	1	0	0	0	4	12	14	20	13	129
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All seeds	**81**	**93**	**74**	**12**	**13**	**13**	**8**	**30**	**77**	**72**	**95**	**110**	**678**

Table A 9 (*contd.*)—NUMBER IN HOURS OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION RECORDED WITHIN SPECIFIED RANGES

APRIL 1962

District	Station	Number in hours of calm winds	Number in hours of variable winds	Number in hours of unrecorded winds	Wind speed in knots	Number in hours of occurrences of wind blowing from the ranges of directions indicated												All directions
						345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	
Cairo Area	Cairo . . . . . (A)	4	29	146	1–10	42	44	42	20	8	5	7	4	12	28	39	54	305
					11–27	44	32	35	16	4	4	9	13	5	7	20	47	236
					28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**86**	**76**	**77**	**36**	**12**	**9**	**16**	**17**	**17**	**35**	**59**	**101**	**541**
	Mostafa Helmi . (A)	2	0	15	1–10	43	48	16	21	11	11	4	6	14	22	38	32	266
					11–27	81	79	68	22	3	2	3	6	11	14	31	117	437
					28–47	0	0	0	0	0	0	0	0			0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**124**	**127**	**84**	**43**	**14**	**13**	**7**	**12**	**25**	**36**	**69**	**149**	**703**
	Almaza . . . . (A)	0	0	0	1–10	63	75	132	16	20	14	7	12	12	24	67	97	539
					11–27	12	20	60	21	10	4	1	6	11	8	15	13	181
					28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**75**	**95**	**192**	**37**	**30**	**18**	**8**	**18**	**23**	**32**	**82**	**110**	**720**
	Abbasiya . . . (H.Q)	34	29	8	1–10	110	110	29	5	5	3	24	13	29	64	99	139	630
					11–27	0	14	2	0	0	0	1	1	0	0	1	0	19
					28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**110**	**124**	**31**	**5**	**5**	**3**	**25**	**14**	**29**	**64**	**100**	**139**	**649**
	Giza	67	19	0	1–10	145	89	48	6	1	16	11	3	5	19	36	138	517
					11–27	27	25	13	0	0	2	2	4	2	4	8	30	117
					28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**172**	**114**	**61**	**6**	**1**	**18**	**13**	**7**	**7**	**23**	**44**	**168**	**634**
Upper Egypt	Minya . . . . . (A)	27	0	0	1–10	157	61	8	10	7	21	13	5	7	7	54	128	478
					11–27	78	66	0	3	2	0	5	6	2	4	30	19	215
					28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**235**	**127**	**8**	**13**	**9**	**21**	**18**	**11**	**9**	**11**	**84**	**147**	**693**
	Luxor . . . . . (A)	32	10	0	1–10	74	91	44	34	28	31	20	39	48	27	32	82	550
					11–27	24	29	4	0	1	0	0	4	5	2	2	57	128
					28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**98**	**120**	**48**	**34**	**29**	**31**	**20**	**43**	**53**	**29**	**34**	**139**	**678**
Western Desert	Siwa	36	2	0	1–10	49	40	36	69	53	29	22	12	6	26	38	35	415
					11–27	50	34	2	34	41	23	7	4	2	7	14	49	267
					28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**99**	**74**	**38**	**103**	**94**	**52**	**29**	**16**	**8**	**33**	**52**	**84**	**682**
	Dakhla	0	33	0	1–10	47	24	12	24	32	27	25	16	29	42	101	131	510
					11–27	59	8	4	2	4	9	7	5	2	2	10	65	177
					28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**106**	**32**	**16**	**26**	**36**	**36**	**32**	**21**	**31**	**44**	**111**	**196**	**687**
Red Sea	Hurghada	2	0	0	1–10	25	32	14	6	11	23	3	5	3	9	76	37	244
					11–27	78	9	0	0	10	7	0	1	0	10	97	182	394
					28–47	3	0	0	0	0	0	0	0	0	0	0	77	80
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**106**	**41**	**14**	**6**	**21**	**30**	**3**	**6**	**3**	**19**	**173**	**296**	**718**

Table A 10—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

SALLUM — APRIL 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	5	0	0	1–10	1	1	0	4	0	0	0	0	0	2	2	4	14
				11–27	2	2	0	1	0	0	0	0	1	2	2	1	11
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**3**	**0**	**5**	**0**	**0**	**0**	**0**	**1**	**4**	**4**	**5**	**25**
0300	8	0	0	1–10	2	2	1	2	0	0	0	0	0	2	2	4	15
				11–27	1	1	0	1	0	0	0	0	0	2	1	1	7
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**3**	**1**	**3**	**0**	**0**	**0**	**0**	**0**	**4**	**3**	**5**	**22**
0600	5	0	0	1–10	4	0	1	2	1	0	0	0	1	1	6	1	17
				11–27	1	0	1	0	0	0	0	0	1	2	2	1	8
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**5**	**0**	**2**	**2**	**1**	**0**	**0**	**0**	**2**	**3**	**8**	**2**	**25**
0900	2	0	0	1–10	1	1	5	4	1	0	0	1	1	0	2	1	17
				11–27	2	1	1	1	0	1	0	1	1	0	1	2	11
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**2**	**6**	**5**	**1**	**1**	**0**	**2**	**2**	**0**	**3**	**3**	**28**
1200	0	0	0	1–10	1	2	2	7	0	0	0	1	0	0	1	1	15
				11–27	3	4	1	1	0	1	0	1	0	1	1	2	15
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**6**	**3**	**8**	**0**	**1**	**0**	**2**	**0**	**1**	**2**	**3**	**30**
1500	0	0	0	1–10	5	0	7	2	1	0	0	1	0	0	0	1	17
				11–27	5	3	2	0	0	0	0	1	0	0	1	1	13
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**10**	**3**	**9**	**2**	**1**	**0**	**0**	**2**	**0**	**0**	**1**	**2**	**30**
1800	3	0	0	1–10	9	4	2	4	0	0	0	0	1	0	2	1	23
				11–27	0	1	0	0	0	0	0	0	0	1	0	2	4
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**9**	**5**	**2**	**4**	**0**	**0**	**0**	**0**	**1**	**1**	**2**	**3**	**27**
2100	7	0	0	1–10	1	0	1	4	1	0	0	1	0	1	2	2	13
				11–27	2	1	0	3	0	0	0	0	1	2	0	1	10
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**1**	**1**	**7**	**1**	**0**	**0**	**1**	**1**	**3**	**2**	**3**	**23**

Table A 10—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

MERSA MATRUH (A) — APRIL 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
				1-10	1	0	1	1	2	2	2	0	3	5	1	1	19
				11-27	1	0	0	1	1	0	1	0	1	3	0	2	10
0000	1	0	0	28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**0**	**1**	**2**	**3**	**2**	**3**	**0**	**4**	**8**	**1**	**3**	**29**
				1-10	0	1	0	1	2	2	0	2	2	5	1	1	17
				11-27	0	1	0	1	1	0	3	1	1	2	1	2	13
0300	0	0	0	28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**2**	**0**	**2**	**3**	**2**	**3**	**3**	**3**	**7**	**2**	**3**	**30**
				1-10	2	0	0	1	2	2	0	2	2	2	0	1	14
				11-27	1	0	0	1	2	0	1	0	0	3	6	2	16
0600	0	0	0	28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**0**	**0**	**2**	**4**	**2**	**1**	**2**	**2**	**5**	**6**	**3**	**30**
				1-10	1	0	0	1	1	0	0	0	0	1	0	1	5
				11-27	2	3	2	1	2	1	1	0	0	0	2	10	24
0900	0	0	0	28-47	0	0	0	1	0	0	0	0	0	0	0	0	1
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All s eeds	**3**	**3**	**2**	**3**	**3**	**1**	**1**	**0**	**0**	**1**	**2**	**11**	**30**
				1-10	0	1	0	0	0	0	0	1	0	0	0	1	3
				11-27	4	3	4	3	0	1	0	0	0	0	4	8	27
1200	0	0	0	28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**4**	**4**	**3**	**0**	**1**	**0**	**1**	**0**	**0**	**4**	**9**	**30**
				1-10	1	1	0	0	0	0	0	0	0	0	0	0	2
				11-27	3	2	3	5	1	0	0	1	0	0	3	10	28
1500	0	0	0	28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**3**	**3**	**5**	**1**	**0**	**0**	**1**	**0**	**0**	**3**	**10**	**30**
				1-10	3	2	3	3	2	0	1	0	0	0	3	2	19
				11-27	2	0	0	2	0	0	0	0	0	0	3	3	10
1800	1	0	0	28 47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**5**	**2**	**3**	**5**	**2**	**0**	**1**	**0**	**0**	**0**	**6**	**5**	**29**
				1-10	0	1	2	4	0	3	0	0	1	5	2	1	19
				11-27	2	0	0	1	1	0	1	1	0	0	2	2	10
2100	1	0	0	28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**1**	**2**	**5**	**1**	**3**	**1**	**1**	**1**	**5**	**4**	**3**	**29**

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

DEKHEILA (A) — APRIL 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of widd blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	1	0	0	1—10	4	0	3	1	2	2	0	2	1	1	2	5	23
				11—27	2	0	0	0	2	0	0	0	0	0	0	2	6
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All soeeds	6	0	3	1	4	2	0	2	1	1	2	7	29
0300	0	0	0	1—10	2	1	1	2	3	0	2	2	0	1	3	7	24
				11—27	3	1	0	0	1	1	0	0	0	0	0	0	6
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	5	2	1	2	4	1	2	2	0	1	3	7	30
0600	0	0	0	1—10	6	2	1	0	1	3	2	1	0	1	3	3	23
				11—27	2	1	0	0	2	1	0	0	0	0	0	1	7
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	8	3	1	0	3	4	2	1	0	1	3	4	30
0900	0	0	0	1—10	5	2	0	0	1	3	1	0	0	0	1	5	18
				11—27	2	1	1	0	1	1	0	0	0	1	1	4	12
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	7	3	1	0	2	4	1	0	0	1	2	9	30
1200	0	0	0	1—10	4	2	1	0	4	0	0	0	0	0	1	3	15
				11—27	4	0	2	0	1	0	0	0	0	0	2	6	15
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	8	2	3	0	5	0	0	0	0	0	3	9	30
1500	0	0	0	1—10	7	2	1	0	1	0	0	0	0	0	1	2	14
				11—27	3	1	6	1	0	0	0	0	0	0	0	5	16
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	10	3	7	1	1	0	0	0	0	0	1	7	30
1800	1	0	0	1—10	6	2	3	4	1	0	0	0	0	0	0	6	22
				11—27	1	0	0	4	0	0	0	0	0	0	0	2	7
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	7	2	3	8	1	0	0	0	0	0	0	8	29
2100	1	0	0	1—10	5	3	1	4	1	2	1	1	0	0	1	5	24
				11—27	1	0	0	0	3	0	0	0	0	0	0	1	5
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	6	3	1	4	4	2	1	1	0	0	1	6	9

Table V.10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

ALEXANDRIA (A) — APRIL 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	3	0	0	1-10	1	2	2	2	1	1	2	1	0	2	6	4	24
				11-27	1	0	1	0	0	0	0	0	0	0	1	0	3
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	2	3	2	1	1	2	1	0	2	7	4	27
0300	1	0	0	1-10	2	1	1	4	1	1	1	1	1	2	4	7	25
				11-27	1	0	1	0	0	0	0	0	0	0	1	0	4
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	3	1	2	4	1	1	1	1	1	2	5	7	29
0600	0	0	0	1-10	2	0	2	0	2	2	2	0	1	3	3	6	23
				11-27	1	1	0	1	1	0	0	0	1	0	1	1	7
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	3	1	2	1	3	2	2	0	2	3	4	7	30
0900	0	0	0	1-10	1	1	0	1	3	1	0	1	0	0	4	7	19
				11-27	0	1	0	2	0	0	0	0	1	2	3	2	11
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	1	2	0	3	3	1	0	1	1	2	7	9	30
1200	0	0	0	1-10	0	0	0	3	0	0	0	1	0	0	2	6	12
				11-27	0	3	0	0	0	0	0	0	0	2	9	4	18
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	3	0	3	0	0	0	1	0	2	11	10	30
1500	0	0	0	1-10	3	0	1	0	0	0	0	0	0	1	4	1	10
				11-27	2	5	1	0	0	0	0	0	0	1	6	5	20
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	5	5	2	0	0	0	0	0	0	2	10	6	30
1800	1	0	0	1-10	8	4	2	1	0	0	0	0	0	0	6	2	23
				11-27	0	0	3	0	0	0	0	0	0	1	1	1	6
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	8	4	5	1	0	0	0	0	0	1	7	3	29
2100	2	0	0	1-10	4	3	3	2	3	0	1	0	0	0	5	5	26
				11-27	0	0	0	0	0	0	0	0	0	0	1	1	2
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	3	3	2	3	0	1	0	0	0	6	6	28

Table A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

PORT SAID (A) — APRIL 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	No. of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	0	0	0	1-10	3	1	0	2	1	0	0	0	1	3	1	5	17
				11-27	1	0	2	2	1	0	1	0	1	1	1	2	13
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	1	2	5	2	0	1	0	2	4	2	7	30
0300	0	0	0	1-10	4	0	2	1	1	2	0	0	0	6	1	0	17
				11-27	0	0	2	2	0	0	1	0	3	1	0	4	13
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	0	4	[illegible]	1	2	1	0	3	7	1	4	30
0600	0	0	0	1-10	3	1	1	1	0	0	1	1	3	0	2	3	16
				11-27	3	0	2	2	0	0	0	0	4	1	1	1	14
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	6	1	3	3	0	0	1	1	7	1	3	4	30
0900	0	0	0	1-10	3	1	2	1	0	0	0	0	4	1	1	5	18
				11-27	2	0	2	2	0	0	0	0	0	2	0	4	12
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	5	1	4	3	0	0	0	0	4	3	1	9	30
1200	0	0	0	1-10	7	1	4	0	0	0	0	0	0	0	0	0	12
				11-27	1	3	3	0	0	0	0	0	0	0	0	11	18
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	8	4	7	0	0	0	0	0	0	0	0	11	30
1500	0	0	0	1-10	2	1	0	0	0	0	0	0	0	0	0	1	4
				11-27	3	3	7	[illegible]	0	0	0	0	0	0	1	12	26
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	5	4	7	0	0	0	0	0	0	0	1	13	30
1800	0	0	0	1-10	4	3	0	0	0	0	0	0	0	0	1	3	11
				11-27	0	1	3	3	0	0	0	0	0	0	6	6	19
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	4	3	3	0	0	0	0	0	0	7	9	30
2100	0	0	0	1-10	5	2	2	[illegible]	0	0	1	0	0	0	1	4	16
				11-27	0	0	3	3	0	0	0	0	0	2	2	4	14
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	5	2	5	[illegible]	0	0	1	0	0	2	3	8	30

Table A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

EL ARISH — APRIL 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0030	3	0	0	1-10	0	0	2	0	2	4	4	4	4	2	2	3	27
				11-27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**2**	**0**	**2**	**4**	**4**	**4**	**4**	**2**	**2**	**3**	**27**
0300	3	0	0	1-10	1	0	0	2	2	5	2	8	4	0	1	2	27
				11-27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**0**	**2**	**2**	**5**	**2**	**8**	**4**	**0**	**1**	**2**	**27**
0500	1	0	0	1-10	1	1	2	1	1	1	4	4	4	5	1	1	26
				11-27	0	0	0	0	0	0	0	0	1	2	0	0	3
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**1**	2	**1**	**1**	**1**	**4**	**4**	**5**	**7**	**1**	**1**	**29**
0900	0	0	0	1-10	2	6	0	0	0	1	0	1	0	2	6	5	23
				11-27	0	0	0	0	0	0	0	0	0	1	6	0	7
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**6**	**0**	**0**	**0**	**1**	**0**	**1**	**0**	**3**	**12**	**5**	**30**
1200	0	0	0	1-10	7	2	0	0	0	0	0	0	0	0	3	7	19
				11-27	1	1	0	0	0	0	0	0	0	0	7	2	11
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**8**	**3**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**10**	**9**	**30**
1500	0	0	0	1-10	4	7	0	0	0	0	0	0	0	0	3	13	27
				11-27	0	1	0	0	0	0	0	0	0	0	0	2	3
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**8**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**3**	**15**	**30**
1800	0	0	0	1-10	6	5	5	0	0	0	0	0	1	1	8	3	29
				11-27	0	0	0	0	0	0	0	0	0	0	0	1	1
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**6**	**5**	**5**	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**8**	**4**	**30**
2100	1	0	0	1-10	1	1	1	1	3	3	3	3	2	1	7	3	29
				11-27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**1**	**1**	**1**	**3**	**3**	**3**	**3**	**2**	**1**	**7**	**3**	**29**

Table A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

GHAZZA — APRIL 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	0	0	0	1-10	0	0	0	2	4	11	1	1	0	[illegible]	1	0	22
				11-27	1	0	0	0	0	1	0	0	0	4	1	1	8
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**0**	**2**	**4**	**12**	**1**	**1**	**0**	**6**	**2**	**1**	**30**
0300	1	0	0	1-10	2	0	0	1	1	15	3	0	1	1	1	1	26
				11-27	0	0	0	0	0	0	1	1	0	1	0	0	3
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**0**	**0**	**1**	**1**	**15**	**4**	**1**	**1**	**2**	**1**	**1**	**29**
0600	1	0	0	1-10	4	1	0	1	0	2	7	5	0	5	1	1	27
				11-27	0	0	0	0	0	0	0	0	1	1	0	0	2
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**1**	**0**	**1**	**0**	**2**	**7**	**5**	**1**	**6**	**1**	**1**	**29**
0900	0	0	0	1-10	3	0	0	0	0	0	0	0	5	9	3	5	25
				11-27	1	0	0	0	0	0	0	0	1	2	1	0	5
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**6**	**11**	**4**	**5**	**30**
1200	0	0	0	1-10	4	1	0	0	0	0	0	0	0	4	3	6	18
				11-27	1	1	0	0	0	0	0	0	0	3	5	2	12
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**5**	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**7**	**8**	**8**	**30**
1500	0	0	0	1-10	4	1	0	0	0	0	0	0	0	2	5	8	20
				11-27	4	3	0	0	0	0	0	0	0	1	2	0	10
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**8**	**4**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**3**	**7**	**8**	**30**
1800	0	0	0	1-10	7	2	2	1	0	0	0	0	0	1	8	2	23
				11-27	1	2	0	0	0	0	[illegible]	0	0	1	2	1	7
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**8**	**4**	**2**	**1**	**0**	**0**	**0**	**0**	**0**	**2**	**10**	**3**	**30**
2100	0	0	0	1-10	2	0	1	7	2	4	0	0	1	0	3	3	23
				11-27	0	1	0	0	0	0	0	0	0	3	1	2	7
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**1**	**1**	**7**	**2**	**4**	**0**	**0**	**1**	**3**	**4**	**5**	**30**

Table A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

ABU SUEIR — APRIL 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	11	0	0	1-10	0	1	2	1	0	0	1	1	5	6	1	0	18
				11-27	0	0	1	0	0	0	0	0	0	0	0	0	1
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**1**	**3**	**1**	**0**	**0**	**1**	**1**	**5**	**6**	**1**	**0**	**19**
0300	8	0	0	1-10	0	0	3	0	1	1	2	0	10	2	0	1	20
				11-27	0	0	1	0	0	0	0	1	0	0	0	0	2
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**4**	**0**	**1**	**1**	**2**	**1**	**10**	**2**	**0**	**1**	**22**
0600	6	0	0	1-10	1	1	0	1	2	0	1	1	2	5	0	1	15
				11-27	1	0	1	1	0	0	0	1	0	4	1	0	9
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**1**	**1**	**2**	**2**	**0**	**1**	**2**	**2**	**9**	**1**	**1**	**24**
0900	1	0	0	1-10	1	1	1	0	0	1	0	1	0	1	1	6	13
				11-27	2	2	1	1	1	0	0	0	0	5	4	0	16
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**3**	**2**	**1**	**1**	**1**	**0**	**1**	**0**	**6**	**5**	**6**	**29**
1200	2	0	1	1-10	1	0	4	0	0	0	0	0	0	1	2	3	11
				11-27	3	1	0	0	0	0	0	0	0	6	3	2	15
				28-47	0	0	0	0	0	0	0	0	0	0	0	1	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**1**	**4**	**0**	**0**	**0**	**0**	**0**	**0**	**7**	**5**	**6**	**27**
1500	2	0	0	1-10	0	2	0	0	0	0	0	0	0	0	0	4	4
				11-27	7	5	2	0	0	0	0	0	0	3	3	4	24
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**7**	**5**	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**3**	**3**	**8**	**28**
1800	0	0	0	1-10	2	6	0	0	0	0	0	0	0	0	2	2	12
				11-27	5	[illegible]	4	0	0	0	0	0	0	0	5	1	18
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**7**	**9**	**4**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**7**	**3**	**30**
2100	8	0	0	1-10	2	[illegible]	1	1	0	0	0	0	0	6	4	0	19
				11-27	0		1	1	0	0	0	0	0	0	0	0	3
				28-47	0		0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	[illegible]	**2**	**2**	**0**	**0**	**0**	**0**	**0**	**6**	**4**	**0**	**22**

Table A 10. — NUMBER OF OCCURRENCES OF CONCURRENT SURFCAE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

CAIRO (A) — APRIL 1962

Hour (U.T.)	calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												All directions
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	
0000	2	0	0	1-10	3	7	3	1	1	2	0	1	2	2	2	1	25
				11-27	0	0	0	3	0	0	0	0	0	0	0	0	3
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**7**	**3**	**4**	**1**	**2**	**0**	**1**	**2**	**2**	**2**	**1**	**28**
0300	4	0	0	1-10	2	3	2	2	2	0	1	1	4	2	2	0	21
				11-27	0	0	0	4	0	0	1	0	0	0	0	0	5
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				>48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**3**	**2**	**6**	**2**	**0**	**2**	**1**	**4**	**2**	**2**	**0**	**26**
0600	0	0	0	1-10	4	2	3	0	1	1	0	1	2	2	6	2	24
				11-27	0	1	2	0	1	0	2	0	0	0	0	0	6
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**3**	**5**	**0**	**2**	**1**	**2**	**1**	**2**	**2**	**6**	**2**	**30**
0900	0	0	0	1-10	1	5	1	0	0	0	0	0	2	3	1	5	18
				11-27	2	0	4	0	0	0	0	3	1	0	0	2	12
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**5**	**5**	**0**	**0**	**0**	**0**	**3**	**3**	**3**	**1**	**7**	**30**
1200	0	0	0	1-10	0	4	1	0	0	0	0	0	1	1	1	5	13
				11-27	4	3	0	0	0	0	0	0	1	4	4	1	17
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**7**	**1**	**0**	**0**	**0**	**0**	**0**	**2**	**5**	**5**	**6**	**30**
1500	0	0	0	1-10	2	1	0	0	0	0	0	0	1	1	3	5	13
				11-27	3	2	1	0	0	0	0	0	0	1	5	5	17
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**5**	**3**	**1**	**0**	**0**	**0**	**0**	**0**	**1**	**2**	**8**	**10**	**30**
1800	0	0	0	1-10	5	3	1	0	0	0	0	0	1	0	4	5	19
				11-27	4	3	1	2	0	0	0	0	0	0	0	1	11
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**9**	**6**	**2**	**2**	**0**	**0**	**0**	**0**	**1**	**0**	**4**	**6**	**30**
2100	0	0	0	1-10	7	5	3	2	0	0	0	0	0	0	4	2	23
				11-27	0	2	1	4	0	0	0	0	0	0	0	0	7
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**7**	**7**	**4**	**6**	**0**	**0**	**0**	**0**	**0**	**0**	**4**	**2**	**30**

Table A 10.— NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

MOSTAFA HELMI (A). — APRIL 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of Wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	0	0	0	1-10	6	3	1	2	0	2	1	0	1	3	2	3	24
				11-27	1	2	3	0	0	0	0	0	0	0	0	0	6
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	7	5	4	2	0	2	1	0	1	3	2	3	30
0300	1	0	0	1-10	2	3	1	0	2	0	0	1	2	2	5	2	20
				11-27	1	1	2	2	0	0	1	0	0	0	1	1	9
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	3	4	3	2	2	0	1	1	2	2	6	3	29
0600	0	0	0	1-10	0	2	1	0	0	1	2	0	1	2	2	1	12
				11-27	4	1	3	2	0	0	0	1	1	0	2	4	18
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	3	4	2	0	1	2	1	2	2	2	5	30
0900	0	0	0	1-10	1	1	3	0	0	1	0	1	1	2	1	0	11
				11-27	4	1	3	2	0	0	0	1	0	2	1	5	19
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	5	2	6	2	0	1	0	2	1	4	2	5	30
1200	0	0	0	1-10	3	0	1	1	1	1	0	0	0	0	2	1	10
				11-27	3	3	3	0	0	0	0	0	0	1	2	8	20
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	6	3	4	1	1	1	0	0	0	1	4	9	30
1500	0	0	0	1-10	1	1	1	1	0	0	0	0	0	0	0	1	5
				11-27	5	5	3	0	0	0	0	0	1	0	2	9	25
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	6	6	4	1	0	0	0	0	1	0	2	10	30
1800	0	0	0	1—10	1	2	0	0	1	0	0	0	1	0	0	0	5
				11-27	13	2	5	1	0	0	0	0	0	0	0	4	25
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	14	4	5	1	1	0	0	0	1	0	0	4	30
2100	0	0	0	1-10	4	3	3	2	0	0	0	0	0	0	0	1	13
				11-27	4	4	4	1	0	0	0	0	0	0	0	4	17
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	8	7	7	3	0	0	0	0	0	0	0	5	30

Table A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

ABBASIYA — APRIL 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	12	0	0	1–10	6	4	0	0	1	1	0	0	0	2	0	4	18
				11–27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	6	4	0	0	1	1	0	0	0	2	0	4	18
0300	14	0	0	1–10	0	2	2	0	0	1	1	1	1	4	0	4	16
				11–27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	2	2	0	0	1	1	1	0	4	0	4	16
0600	4	0	0	1–10	8	2	0	0	0	1	1	1	1	4	3	3	24
				11–27	0	0	1	0	0	0	1	0	0	0	0	0	2
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	8	2	1	0	0	1	2	1	1	4	3	3	26
0900	0	0	0	1–10	3	4	2	0	0	0	0	2	2	1	4	7	25
				11–27	0	3	0	0	0	0	1	1	0	0	0	0	5
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	3	7	2	0	0	0	1	3	2	1	4	7	30
1200	0	0	0	1–10	5	2	0	0	0	0	0	0	1	2	7	7	24
				11–27	1	0	1	0	0	0	0	0	1	1	1	1	6
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	6	2	1	0	0	0	0	0	2	3	8	8	30
1500	0	0	0	1–10	2	2	0	0	0	0	0	0	0	3	7	10	24
				11–27	1	2	0	0	0	0	0	1	0	1	1	0	6
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	3	4	0	0	0	0	0	1	0	4	8	10	30
1800	2	0	0	1–10	3	6	1	1	0	0	0	0	0	0	4	12	27
				11–27	0	0	1	0	0	0	0	0	0	0	0	0	1
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	3	6	2	1	0	0	0	0	0	0	4	12	28
2100	3	0	0	1–10	8	6	2	0	1	0	0	0	0	0	2	8	27
				11–27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	8	6	2	0	1	0	0	0	0	0	2	8	27

Table A 10.- NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS ALMAZA (A) — APRIL 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	0	0	0	1-10	1	4	10	1	1	2	1	3	0	1	2	2	28
				11-27	0	0	0	0	2	0	0	0	0	0	0	0	2
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**4**	**10**	**1**	**3**	**2**	**1**	**3**	**0**	**1**	**2**	**2**	**30**
0300	1	0	0	1-10	5	2	2	1	3	2	0	4	0	1	4	2	26
				11-27	0	0	1	2	0	0	0	0	0	0	0	0	3
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**5**	**2**	**3**	**3**	**3**	**2**	**0**	**4**	**0**	**1**	**4**	**2**	**29**
0600	0	0	0	1-10	3	4	3	2	0	0	0	0	1	2	4	5	24
				11-27	0	0	1	2	0	1	0	2	0	0	0	0	6
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**4**	**4**	**4**	**0**	**1**	**0**	**2**	**1**	**2**	**4**	**5**	**30**
0900	0	0	0	1-10	7	1	2	2	0	0	0	0	0	2	4	2	16
				11-27	0	1	1	4	0	0	0	1	2	1	0	0	14
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**7**	**2**	**3**	**6**	**0**	**0**	**0**	**1**	**2**	**3**	**4**	**2**	**30**
1200	0	0	0	1-10	3	6	0	0	0	0	0	0	0	0	3	4	16
				11-27	0	5	2	0	0	0	0	0	1	1	4	1	14
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**11**	**2**	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**7**	**5**	**30**
1500	0	0	0	1-10	0	3	1	0	0	0	0	0	0	0	7	4	15
				11-27	2	4	3	0	0	0	0	0	0	1	4	1	15
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**7**	**4**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**11**	**5**	**30**
1800	1	0	0	1-10	4	6	1	0	0	0	0	0	0	0	0	7	18
				11-27	0	4	3	3	1	0	0	0	0	0	0	0	11
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**10**	**4**	**3**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**7**	**29**
2100	0	0	0	1-10	0	6	11	1	2	0	1	0	0	0	1	5	27
				11-27	0	0	0	1	1	1	0	0	0	0	0	0	3
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**6**	**11**	**2**	**3**	**1**	**1**	**0**	**0**	**0**	**1**	**5**	**30**

Table A 10—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

HELWAN — APRIL 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	4	0	0	1-10	4	5	4	0	0	0	0	1	0	0	1	3	18
				11-27	1	1	5	1	0	0	0	0	0	0	0	0	8
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**5**	**6**	**9**	**1**	**0**	**0**	**0**	**1**	**0**	**0**	**1**	**3**	**26**
0300	4	0	0	1-10	4	3	4	1	1	0	0	0	0	0	0	5	18
				11-27	0	2	4	1	0	0	0	0	0	0	0	1	8
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**5**	**8**	**2**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**6**	**26**
0600	8	0	0	1-10	3	3	2	2	0	1	0	0	0	1	0	4	16
				11-27	0	2	3	0	0	0	0	0	0	0	0	1	6
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**5**	**5**	**2**	**0**	**1**	**0**	**0**	**0**	**1**	**0**	**5**	**22**
0900	2	0	0	1-10	2	1	2	1	2	1	0	0	1	0	3	3	16
				11-27	2	2	2	1	0	0	1	0	0	0	0	4	12
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**3**	**4**	**2**	**2**	**1**	**1**	**0**	**1**	**0**	**3**	**7**	**28**
1200	1	0	0	1-10	1	2	1	0	0	0	0	1	0	3	3	3	14
				11-27	1	3	0	1	0	0	0	0	0	2	1	7	15
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**5**	**1**	**1**	**0**	**0**	**0**	**1**	**0**	**5**	**4**	**10**	**29**
1500	2	0	0	1-10	5	0	0	0	0	0	0	0	0	1	3	3	12
				11-27	3	1	1	0	0	0	0	1	0	0	6	3	15
				28-47	0	1	0	0	0	0	0	0	0	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**8**	**2**	**1**	**0**	**0**	**0**	**0**	**1**	**0**	**1**	**9**	**6**	**28**
1800	1	0	0	1-10	2	0	1	0	0	0	0	1	0	1	2	3	10
				11-27	5	1	1	0	0	0	0	0	0	0	2	8	17
				28-47	0	2	0	0	0	0	0	0	0	0	0	0	2
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**7**	**3**	**2**	**0**	**0**	**0**	**0**	**1**	**0**	**1**	**4**	**11**	**29**
2100	2	0	0	1-10	3	0	3	0	0	0	0	0	0	0	2	5	13
				11-27	4	7	2	0	0	0	0	0	0	0	1	1	15
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**7**	**7**	**5**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**3**	**6**	**28**

Table A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

GIZA — APRIL 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	0	0	30	1-10	0	0	0	0	0	0	0	0	0	0	0	0	0
				11-27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	0	0	0	0	0	0	0	0	0	0	0	0
0300	0	0	30	1-10	0	0	0	0	0	0	0	0	0	0	0	0	0
				11-27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	0	0	0	0	0	0	0	0	0	0	0	0
0600	1	0	0	1-10	8	3	1	0	0	2	2	0	0	0	4	4	24
				11-27	0	1	2	0	0	1	0	0	0	0	0	1	5
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	8	4	3	0	0	3	2	0	0	0	4	5	29
0900	1	0	0	1-10	5	4	2	0	1	0	1	1	1	2	2	3	22
				11-27	1	1	2	0	0	1	0	1	0	0	0	1	7
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥47	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	6	5	4	0	1	1	1	2	1	2	2	4	29
1200	2	0	0	1-10	0	6	3	1	0	0	0	0	1	1	2	2	16
				11-27	1	3	0	0	0	0	0	1	0	0	3	4	12
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	1	9	3	1	0	0	0	1	1	1	5	6	28
1500	0	0	0	1-10	7	4	1	0	0	0	0	0	1	1	2	5	21
				11-27	1	3	0	0	0	0	0	0	0	0	0	5	9
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	8	7	1	0	0	0	0	0	1	1	2	10	30
1800	2	0	0	1-10	13	5	2	1	0	0	0	1	0	0	0	4	26
				11-27	1	1	0	0	0	0	0	0	0	0	0	0	2
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	14	6	2	1	0	0	0	1	0	0	0	4	23
2100	0	0	30	1-10	0	0	0	0	0	0	0	0	0	0	0	0	0
				11-27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	0	0	0	0	0	0	0	0	0	0	0	0

Table A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

MINYA (A)—APRIL 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	4	0	0	1-10	10	1	0	0	0	1	0	0	0	0	2	5	19
				11-27	3	2	0	0	1	0	0	0	0	0	0	1	7
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	13	3	0	0	1	1	0	0	0	0	2	6	26
0300	2	0	0	1-10	15	0	0	0	1	2	0	0	0	2	6	0	26
				11-27	2	0	0	0	0	0	0	0	0	0	0	0	2
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	17	0	0	0	1	2	0	0	0	2	6	0	28
0600	1	0	0	1-10	9	2	0	0	1	2	2	0	1	0	1	5	23
				11-27	3	2	0	0	0	0	0	0	0	0	0	1	6
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	12	4	0	0	1	2	2	0	1	0	1	6	29
0900	0	0	0	1-10	5	4	2	1	0	1	0	0	0	2	0	3	18
				11-27	7	2	0	0	0	0	2	0	0	0	0	1	12
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	12	6	2	1	0	1	2	0	0	2	0	4	30
1200	1	0	0	1-10	5	0	0	0	0	2	0	1	0	0	0	7	15
				11-27	9	2	0	0	0	0	0	0	1	0	1	1	14
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	14	2	0	0	0	2	0	1	1	0	1	8	29
1500	2	0	0	1-10	9	1	1	0	0	0	0	0	1	0	1	3	16
				11-27	7	1	0	0	0	0	0	0	1	0	1	2	12
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	16	2	1	0	0	0	0	0	2	0	2	5	28
1800	2	0	0	1-10	13	4	3	1	0	0	0	0	0	0	1	2	24
				11-27	2	2	0	0	0	0	0	0	0	0	0	0	4
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	15	6	3	1	0	0	0	0	0	0	1	2	28
2100	5	0	0	1-10	10	1	0	0	0	1	0	0	0	0	0	4	16
				11-27	3	4	0	1	0	0	0	0	0	0	0	1	9
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	13	5	0	1	0	1	0	0	0	0	0	5	25

Table A 10. —NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AN DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

ASYOUT (A) — APRIL 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated											
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344
				1-10	2	0	0	1	0	0	2	0	1	7	6	3
				11-27	0	0	0	0	0	0	1	0	0	0	0	1
0000	6	0	0	28-47	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**0**	**0**	**1**	**0**	**0**	**3**	**0**	**1**	**7**	**6**	**4**
				1-10	1	0	0	0	1	2	2	1	2	8	3	4
				11-27	0	0	0	0	0	0	0	0	0	0	0	0
0300	6	0	0	28-47	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**0**	**0**	**1**	**2**	**2**	**1**	**2**	**8**	**3**	**4**
				1-10	2	0	0	1	0	0	0	0	1	8	6	2
				11-27	2	0	0	0	0	1	0	0	0	0	0	0
0600	7	0	0	28-47	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**0**	**0**	**1**	**0**	**1**	**0**	**0**	**1**	**8**	**6**	**2**
				1-10	2	0	0	1	1	0	1	0	0	2	0	4
				11-27	3	0	0	0	0	0	0	0	0	0	0	10
0900	5	0	0	28-47	0	0	0	0	0	0	1	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**5**	**0**	**0**	**1**	**1**	**0**	**2**	**0**	**0**	**2**	**0**	**14**
				1-10	5	0	1	0	0	0	2	0	0	1	1	4
				11-27	2	0	0	0	0	0	0	1	0	1	2	9
1200	1	0	0	28-47	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**7**	**0**	**1**	**0**	**0**	**0**	**2**	**1**	**0**	**2**	**3**	**13**
				1-10	3	1	1	0	0	0	0	1	0	0	0	7
				11-27	5	0	0	0	0	0	0	1	0	0	1	9
1500	1	0	0	28-47	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**8**	**1**	**1**	**0**	**0**	**0**	**0**	**2**	**0**	**0**	**1**	**16**
				1-10	1	1	0	1	0	0	0	0	1	3	10	5
				11-27	1	0	0	0	0	0	1	0	0	0	0	0
1800	6	0	0	28-47	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**1**	**0**	**1**	**0**	**0**	**1**	**0**	**1**	**3**	**10**	**5**
				1-10	1	0	0	1	1	0	3	0	5	3	4	4
				11-27	0	0	0	0	0	0	0	0	0	0	0	1
2100	7	0	0	28-47	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**0**	**1**	**1**	**0**	**3**	**0**	**5**	**3**	**4**	**5**

Table A 10 — NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OVSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

LUXOR (A) — APRIL 1962

Hour (G.M.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	8	0	0	1-10	6	5	1	1	1	0	1	0	4	2	0	0	21
				11-27	0	1	0	0	0	0	0	0	0	0	0	0	1
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	6	6	1	1	1	0	1	0	4	2	0	0	22
0300	13	0	0	1-10	3	3	0	1	0	2	0	0	5	1	1	1	17
				11-27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	3	3	0	1	0	2	0	0	5	1	1	1	17
0600	3	0	0	1-10	4	3	2	3	2	0	3	1	2	3	0	1	25
				11-27	1	0	0	0	0	0	0	0	0	0	1	0	2
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	5	3	2	3	2	0	3	1	2	3	1	1	27
0900	0	0	0	1-10	5	4	1	2	2	1	1	0	1	0	0	4	21
				11-27	2	5	0	0	0	0	0	1	0	0	0	1	9
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	7	9	1	2	2	1	1	1	1	0	0	5	30
1200	0	0	0	1-10	3	7	1	1	0	1	0	0	0	0	1	6	20
				11-27	1	3	0	0	0	0	0	0	0	1	0	5	10
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	10	1	1	0	1	0	0	0	1	1	11	30
1500	1	0	0	1-10	1	4	0	0	0	0	0	0	0	0	2	8	15
				11-27	6	1	0	0	0	0	0	0	1	0	0	6	14
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	7	5	0	0	0	0	0	0	1	0	2	14	29
1800	6	0	0	1-10	5	0	0	2	0	0	1	1	1	1	1	10	22
				11-27	0	0	0	0	0	0	0	0	0	0	0	2	2
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	5	0	0	2	0	0	1	1	1	1	1	12	24
2100	3	0	0	1-10	7	2	1	1	1	1	2	1	2	3	1	5	27
				11-27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	7	2	1	1	1	1	2	1	2	3	1	5	27

Table A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

ASWAN (A) — APRIL 1962

Hour (G.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	4	0	0	1–10	15	0	1	1	0	0	0	0	0	0	1	4	22
				11–27	3	0	0	0	0	0	0	0	0	0	0	1	4
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	18	0	1	1	0	0	0	0	0	0	1	5	26
0300	7	0	0	1–10	19	0	0	0	0	0	2	0	0	0	0	0	21
				11–27	2	0	0	0	0	0	0	0	0	0	0	0	2
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	21	0	0	0	0	0	2	0	0	0	0	0	23
0600	3	0	0	1–10	12	2	0	0	0	0	0	0	0	0	0	2	16
				11–27	10	0	0	0	0	0	1	0	0	0	0	0	11
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	22	2	0	0	0	0	1	0	0	0	0	2	27
0900	3	0	0	1–10	8	3	0	0	0	0	1	0	0	0	0	1	13
				11–27	12	0	0	0	0	0	0	0	0	1	0	0	13
				28–47	1	0	0	0	0	0	0	0	0	0	0	0	1
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	21	3	0	0	0	0	1	0	0	1	0	1	27
1200	4	0	0	1–10	6	2	1	0	0	0	0	0	0	2	1	1	13
				11–27	9	1	0	0	0	0	0	0	0	1	1	1	13
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	15	3	1	0	0	0	0	0	0	3	2	2	26
1500	2	0	0	1–10	9	0	0	0	0	0	0	0	0	0	3	2	14
				11–27	10	0	0	0	0	0	0	0	0	0	2	2	14
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	19	0	0	0	0	0	0	0	0	0	5	4	28
1800	3	0	0	1–10	11	0	0	0	0	0	1	0	0	0	0	4	16
				11–27	7	0	0	0	0	0	0	0	0	0	1	3	11
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	18	0	0	0	0	0	1	0	0	0	1	7	27
2100	3	0	0	1–10	18	1	0	0	0	0	1	0	0	0	0	3	23
				11–27	2	0	0	0	0	0	0	0	0	0	0	2	4
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	20	1	0	0	0	0	1	0	0	0	0	5	27

Table A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

SIWA — APRIL 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	3	0	0	1–10	2	5	9	7	0	1	0	0	0	0	1	0	25
				11–27	2	0	0	0	0	0	0	0	0	0	0	0	2
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**5**	**9**	**7**	**0**	**1**	**0**	**0**	**0**	**0**	**1**	**0**	**27**
0300	6	0	0	1–10	4	0	5	6	3	0	0	0	0	0	1	2	21
				11–27	0	2	0	1	0	0	0	0	0	0	0	0	3
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**2**	**5**	**7**	**3**	**0**	**0**	**0**	**0**	**0**	**1**	**2**	**24**
0600	5	0	0	1–10	3	2	1	3	5	1	0	0	0	1	1	2	19
				11–27	2	1	0	3	0	0	0	0	0	0	0	0	6
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**5**	**3**	**1**	**6**	**5**	**1**	**0**	**0**	**0**	**1**	**1**	**2**	**25**
0900	0	0	0	1–10	2	2	0	1	1	1	2	0	2	1	0	2	14
				11–27	2	0	0	1	4	5	0	1	0	1	1	1	16
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	3
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**2**	**0**	**2**	**5**	**6**	**2**	**1**	**2**	**2**	**1**	**3**	**30**
1200	0	0	0	1–10	2	0	0	0	1	2	1	1	0	2	3	0	12
				11–27	4	0	1	0	4	1	1	1	0	1	1	4	18
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**6**	**0**	**1**	**0**	**5**	**3**	**2**	**2**	**0**	**3**	**4**	**4**	**30**
1500	1	0	0	1–10	2	0	1	1	0	2	0	1	2	0	3	2	14
				11–27	6	0	1	0	2	1	1	0	0	0	1	3	15
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**8**	**0**	**2**	**1**	**2**	**3**	**1**	**1**	**2**	**0**	**4**	**5**	**29**
1800	3	0	0	1–10	8	0	0	1	1	3	1	0	0	2	1	1	18
				11–27	5	2	0	2	0	0	0	0	0	0	0	0	9
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**13**	**2**	**0**	**3**	**1**	**3**	**1**	**0**	**0**	**2**	**1**	**1**	**27**
2100	2	0	0	1–10	2	0	3	3	3	2	0	1	0	0	4	0	18
				11–27	1	4	1	1	2	0	1	0	0	0	0	0	10
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**4**	**4**	**4**	**5**	**2**	**1**	**1**	**0**	**0**	**4**	**0**	**28**

Table A 10 NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS
BAHARIYA — APRIL 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	10	0	0	1-10	7	7	2	1	0	0	0	1	0	0	1	0	19
				11-27	0	0	0	0	1	0	0	0	0	0	0	0	1
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**7**	**7**	**2**	**1**	**1**	**0**	**0**	**1**	**0**	**0**	**1**	**0**	**20**
0300	14	0	0	1-10	6	4	2	1	0	0	0	1	0	0	0	1	15
				11-27	0	0	0	0	0	0	0	0	0	0	0	1	1
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**6**	**4**	**2**	**1**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**2**	**16**
0600	13	0	0	1-10	6	5	1	1	0	0	0	0	0	1	1	0	15
				11-27	1	0	0	0	0	0	0	1	0	0	0	0	2
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**7**	**5**	**1**	**1**	**0**	**0**	**0**	**1**	**0**	**1**	**1**	**0**	**17**
0900	1	0	0	1-10	4	4	2	4	0	0	0	0	1	0	0	4	19
				11-27	3	3	1	0	0	0	1	0	0	0	0	1	9
				28-47	0	0	0	0	0	0	0	1	0	0	0	0	1
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**7**	**7**	**3**	**4**	**0**	**0**	**1**	**1**	**1**	**0**	**0**	**5**	**29**
1200	0	0	0	1-10	5	2	4	0	0	1	0	0	0	2	0	0	14
				11-27	4	1	0	0	0	1	0	0	0	0	1	8	15
				28-47	0	0	0	0	0	0	0	0	0	1	0	0	1
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**9**	**3**	**4**	**0**	**0**	**2**	**0**	**0**	**0**	**3**	**1**	**8**	**30**
1500	1	0	0	1-10	6	4	0	0	0	0	0	0	0	1	1	3	15
				11-27	4	1	0	0	0	2	0	0	0	0	1	5	13
				28-47	0	0	0	0	0	0	0	0	0	1	0	0	1
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**10**	**5**	**0**	**0**	**0**	**2**	**0**	**0**	**0**	**2**	**2**	**8**	**29**
1800	4	0	0	1-10	6	3	1	1	0	0	0	0	0	1	2	7	21
				11-27	1	2	1	1	0	0	0	0	0	0	0	0	5
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**7**	**5**	**2**	**2**	**0**	**0**	**0**	**0**	**0**	**1**	**2**	**7**	**26**
2100	10	0	0	1-10	5	5	3	1	0	1	0	0	0	1	1	0	17
				11-27	0	2	0	0	1	0	0	0	0	0	0	0	3
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**5**	**7**	**3**	**1**	**1**	**1**	**0**	**0**	**0**	**1**	**1**	**0**	**20**

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

FARAFRA—APRIL 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	7	0	0	1—10	2	2	3	0	0	0	1	0	2	2	2	3	17
				11—27	0	3	1	0	0	1	0	0	0	0	0	0	5
				28—47	0	0	1	0	0	0	0	0	0	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	5	5	0	0	1	1	0	2	2	2	3	23
0300	13	0	0	1—10	5	6	2	1	0	0	0	0	1	1	0	0	16
				11—27	0	1	0	0	0	0	0	0	0	0	0	0	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	5	7	2	1	0	0	0	0	1	1	0	0	17
0600	9	0	0	1—10	2	5	2	3	1	0	0	0	0	2	1	1	17
				11—27	1	2	0	0	0	0	0	1	0	0	0	0	4
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	3	7	2	3	1	0	0	1	0	2	1	1	21
0900	3	0	0	1—10	1	1	7	4	0	1	0	2	0	0	1	1	18
				11—27	0	5	1	0	1	0	0	2	0	0	0	0	9
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	1	6	8	4	1	1	0	4	0	0	1	1	27
1200	1	0	0	1—10	1	5	3	2	1	2	0	0	0	1	0	1	16
				11—27	1	4	2	0	1	0	0	0	2	0	0	3	13
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	9	5	2	2	2	0	0	2	1	0	4	29
1500	1	0	0	1—10	4	4	3	1	1	1	0	0	0	0	1	1	16
				11—27	0	6	0	1	0	0	1	0	0	1	0	2	11
				28—47	0	1	0	0	0	0	0	0	0	1	0	0	2
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	11	3	2	1	1	1	0	0	2	1	3	29
1800	2	0	0	1—10	7	9	2	3	0	0	1	0	0	1	1	3	27
				11—27	0	1	0	0	0	0	0	0	0	0	0	0	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	7	10	2	3	0	0	1	0	0	1	1	3	28
2100	8	0	0	1—10	5	4	1	0	1	1	1	0	0	1	1	2	17
				11—27	1	2	1	0	0	0	1	0	0	0	0	0	5
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	6	6	2	0	1	1	2	0	0	1	1	2	22

Table A 10.— NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS
DAKHLA — APRIL 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	2	0	0	1-10	2	0	0	0	3	2	1	0	5	5	5	4	27
				11-27	1	0	0	0	0	0	0	0	0	0	0	0	1
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**0**	**0**	**0**	**3**	**2**	**1**	**0**	**5**	**5**	**5**	**4**	**28**
0300	2	0	0	1-10	1	0	2	1	2	2	3	0	4	3	1	7	26
				11-27	1	1	0	0	0	0	0	0	0	0	0	0	2
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**1**	**2**	**1**	**2**	**2**	**3**	**0**	**4**	**3**	**1**	**7**	**28**
0600	2	0	0	1-10	1	3	1	1	0	5	1	0	2	1	5	3	23
				11-27	1	1	0	0	0	0	0	0	0	0	1	2	5
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**4**	**1**	**1**	**0**	**5**	**1**	**0**	**2**	**1**	**6**	**5**	**30**
0900	0	0	0	1-10	2	2	1	1	1	3	0	1	0	0	1	6	18
				11-27	4	2	0	0	0	2	0	0	0	0	1	3	12
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**6**	**4**	**1**	**1**	**1**	**5**	**0**	**1**	**0**	**0**	**2**	**9**	**28**
1200	0	0	0	1-10	5	4	0	0	0	0	1	0	0	0	3	3	16
				11-27	4	0	0	0	0	0	2	1	1	0	1	5	14
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**9**	**4**	**0**	**0**	**0**	**0**	**3**	**1**	**1**	**0**	**4**	**8**	**30**
1500	0	0	0	1-10	4	1	0	0	0	0	0	1	0	0	3	5	14
				11-27	8	0	0	0	1	0	2	0	0	0	2	3	16
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**12**	**1**	**0**	**0**	**1**	**0**	**2**	**1**	**0**	**0**	**5**	**8**	**30**
1800	0	0	0	1-10	4	4	0	2	1	0	1	0	0	0	3	13	28
				11-27	2	0	0	0	0	0	0	0	0	0	0	0	2
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**6**	**4**	**0**	**2**	**1**	**0**	**1**	**0**	**0**	**0**	**3**	**13**	**30**
2100	2	0	0	1-10	2	0	1	0	1	1	2	1	1	5	6	4	24
				11-27	1	1	0	0	0	0	0	1	0	0	0	1	4
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**1**	**1**	**0**	**1**	**1**	**2**	**2**	**1**	**5**	**6**	**5**	**28**

Table A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

KHARGA — APRIL 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	18	0	0	1–10	8	0	0	0	0	0	0	0	0	0	0	1	9
				11–27	3	0	0	0	0	0	0	0	0	0	0	0	3
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	11	0	0	0	0	0	0	0	0	0	0	1	12
0300	19	0	0	1–10	7	0	1	0	0	0	0	0	0	0	0	0	8
				11–27	2	1	0	0	0	0	0	0	0	0	0	0	3
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	9	1	1	0	0	0	0	0	0	0	0	0	11
0600	17	0	0	1–10	7	1	0	0	0	0	0	0	0	0	0	0	8
				11–27	4	1	0	0	0	0	0	0	0	0	0	0	5
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	11	2	0	0	0	0	0	0	0	0	0	0	13
0900	8	0	0	1–10	10	1	1	1	0	0	0	0	0	0	0	0	13
				11–27	8	1	0	0	0	0	0	0	0	0	0	0	9
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	18	2	1	1	0	0	0	0	0	0	0	0	22
1200	5	0	0	1–10	10	0	0	2	0	0	1	0	0	0	0	0	14
				11–27	11	0	0	0	0	0	0	0	0	0	0	0	11
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	21	0	0	2	0	0	1	0	0	0	0	0	25
1500	8	0	0	1–10	14	1	0	0	0	0	0	0	0	0	0	0	15
				11–27	4	3	0	0	0	0	0	0	0	0	0	0	7
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	18	4	0	0	0	0	0	0	0	0	0	0	22
1800	19	0	0	1–10	7	0	0	0	0	0	0	0	0	0	0	0	7
				11–27	4	0	0	0	0	0	0	0	0	0	0	0	4
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	11	0	0	0	0	0	0	0	0	0	0	0	11
2100	16	0	0	1–10	8	1	0	0	0	0	0	0	0	0	0	0	9
				11–27	4	0	0	0	0	0	0	0	0	0	0	1	5
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	12	1	0	0	0	0	0	0	0	0	0	1	14

Table A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

TOR — APRIL 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	9	0	0	1–10	1	0	0	0	0	0	0	0	0	3	3	1	8
				11–27	2	0	0	0	0	0	0	0	0	0	8	3	13
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	3	0	0	0	0	0	0	0	0	3	11	4	21
0300	13	0	0	1–10	2	0	0	0	0	0	0	0	0	2	2	2	8
				11–27	0	0	0	0	0	0	0	0	0	0	3	6	9
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	0	0	0	0	0	0	0	0	2	5	8	17
0600	6	0	0	1–10	1	0	0	0	1	0	1	0	0	4	6	1	14
				11–27	0	0	0	0	0	0	0	0	0	0	5	5	10
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	1	0	0	0	1	0	1	0	0	4	11	6	24
0900	0	0	0	1–10	0	0	0	0	0	0	0	0	1	8	2	0	11
				11–27	0	0	0	0	0	0	1	0	0	3	13	2	19
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	0	0	0	0	0	1	0	1	11	15	2	30
1200	1	0	0	1–10	0	0	0	0	0	0	0	0	1	5	2	0	8
				11–27	0	0	0	0	0	0	1	0	0	2	16	2	21
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	0	0	0	0	0	1	0	1	7	18	2	29
1500	2	0	0	1–10	0	0	0	0	0	0	1	0	0	7	4	1	13
				11–27	1	0	0	0	0	0	1	0	0	0	9	4	15
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	1	0	0	0	0	0	2	0	0	7	13	5	28
1800	2	0	0	1–10	2	0	0	0	0	1	1	0	0	5	3	1	13
				11–27	2	0	0	0	0	1	0	0	0	1	5	6	15
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	0	0	0	0	2	1	0	0	6	8	7	28
2100	5	0	0	1–10	2	0	0	0	1	1	0	0	0	3	2	3	11
				11–27	1	0	0	0	0	1	0	0	0	0	8	4	14
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	3	0	0	0	1	2	0	0	0	3	10	7	25

Table A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

HURGHADA — APRIL 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	1	0	0	1-10	0	0	0	0	0	0	0	0	0	1	5	3	9
				11-27	0	0	0	0	0	0	0	0	0	1	9	7	17
				28-47	0	0	0	0	0	0	0	0	0	0	0	3	3
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**14**	**13**	**29**
0300	2	0	0	1-10	0	0	0	0	0	0	0	0	0	0	7	1	8
				11-27	0	0	0	0	0	0	0	0	0	2	8	5	15
				28-47	0	0	0	0	0	0	0	0	0	0	0	5	5
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**15**	**11**	**28**
0600	1	0	0	1-10	0	0	0	0	0	0	1	0	0	0	3	1	5
				11-27	0	0	0	0	0	0	0	0	0	0	2	17	19
				28-47	0	0	0	0	0	0	0	0	0	0	0	5	5
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**5**	**23**	**29**
0900	0	0	0	1-10	8	3	1	2	0	0	0	0	0	0	0	7	21
				11-27	2	1	0	0	1	0	0	0	0	0	0	4	8
				28-47	1	0	0	0	0	0	0	0	0	0	0	0	1
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**11**	**4**	**1**	**2**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**11**	**30**
1200	0	0	0	1-10	3	5	4	0	1	0	0	0	0	0	0	0	13
				11-27	4	4	0	0	1	0	0	0	0	0	0	3	12
				28-47	1	0	0	0	0	0	0	0	0	0	0	4	5
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**8**	**9**	**4**	**0**	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**7**	**30**
1500	0	0	0	1-10	7	1	1	0	0	5	0	0	0	0	0	2	16
				11-27	5	0	0	0	1	0	0	0	0	0	0	5	11
				28-47	0	0	0	0	0	0	0	0	0	0	0	3	3
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**12**	**1**	**1**	**0**	**1**	**5**	**0**	**0**	**0**	**0**	**0**	**10**	**30**
1800	1	0	0	1-10	0	0	0	0	2	2	0	1	2	0	2	1	10
				11-28	0	0	0	0	0	1	0	0	0	1	3	13	18
				28-47	0	0	0	0	0	0	0	0	0	0	0	1	1
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**2**	**3**	**0**	**1**	**2**	**1**	**5**	**15**	**29**
2100	0	0	0	1-10	0	0	0	0	0	1	0	0	0	0	7	4	12
				11-27	1	0	0	0	0	2	0	0	0	2	7	4	16
				28-47	0	0	0	0	0	0	0	0	0	0	0	2	2
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**0**	**0**	**0**	**3**	**0**	**0**	**0**	**2**	**14**	**10**	**30**

Table A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

QUSEIR — APRIL 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	1	0	0	1-10	0	0	0	1	0	0	0	1	0	10	5	1	18
				11-27	3	0	0	0	0	0	0	0	0	0	0	7	10
				28-47	1	0	0	0	0	0	0	0	0	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**0**	**0**	**1**	**0**	**0**	**0**	**1**	**0**	**10**	**5**	**8**	**29**
0300	1	0	0	1-10	0	0	0	0	0	0	0	0	0	8	6	3	17
				11-27	1	0	0	0	0	0	0	0	0	0	3	6	10
				28-47	0	0	0	0	0	0	0	0	0	0	0	2	2
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**8**	**9**	**11**	**29**
0600	1	0	0	1-10	2	0	0	0	0	0	0	0	0	1	0	6	9
				11-27	1	0	0	0	0	0	0	0	0	0	0	17	18
				28-47	0	0	0	0	0	0	0	0	0	0	0	2	2
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**25**	**29**
0900	0	0	0	1-10	6	2	0	2	0	0	0	0	0	0	0	1	11
				11-27	15	1	0	0	0	0	0	0	0	0	0	1	17
				28-47	0	0	0	0	0	0	0	0	0	0	0	2	2
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**21**	**3**	**0**	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**4**	**30**
1200	0	0	0	1-10	3	2	4	3	0	0	0	0	0	0	0	0	12
				11-27	13	1	0	2	0	0	0	0	0	0	0	1	17
				28-47	1	0	0	0	0	0	0	0	0	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**17**	**3**	**4**	**5**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**30**
1500	1	0	0	1-10	4	1	1	5	2	0	0	0	0	0	0	4	17
				11-27	5	0	1	0	0	0	0	0	0	0	0	6	12
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**9**	**1**	**2**	**5**	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**10**	**29**
1800	9	0.	0	1-10	0	0	0	0	0	2	3	0	0	1	6	3	15
				11-27	1	0	0	0	0	0	0	0	0	0	0	5	6
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**0**	**0**	**0**	**2**	**3**	**0**	**0**	**1**	**6**	**8**	**21**
2100	9	0	0	1-10	0	0	0	0	0	1	2	0	0	3	7	2	15
				11-27	2	0	0	0	0	0	0	0	0	0	0	3	5
				28-47	1	0	0	0	0	0	0	0	0	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**0**	**0**	**0**	**0**	**1**	**2**	**0**	**0**	**3**	**7**	**5**	**21**

Table B 1.—UPPER AIR CLIMATOLOGICAL DATA

MERSA MATRUH (A) — 0000 U.T. — APRIL 1962

N = the number of cases the element has been observed during the month.

Pressure surface (millibar)	Altitude of pressure surface (gpm.)				Temperature (°C)				Dew point (°C)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N *	Mean
		*	*	*						
Surface	30	1011mb.	1018mb.	1003mb.	30	15.1	22.3	11.0	30	10.6
1000	30	135	199	98	30	14.9	21.8	8.9	30	10.1
850	30	1500	1543	1460	30	10.1	18.4	1.0	28	—2.0
700	30	3088	3139	3040	30	5.0	4.8	— 6.3	18	- 9.8
600	30	4307	4370	4245	30	—7.5	—3.8	—12.6	14	—15.8
500	30	5701	5786	5615	30	—16.9	—12.6	—22.1	10	—22.3
400	30	7338	7453	7226	30	—28.7	—24.0	—34.5	11	—33.2
300	30	9336	9483	9138	30	—43.4	—40.1	—47.9	—	—
200	30	11966	12133	11764	30	—56.7	—49.5	—62.0	—	—
150	30	13776	13932	13575	30	—59.2	—51.1	—65.0	—	—
100	30	16285	16422	16066	30	—64.3	—57.0	—74·5	—	—
60	15	19406	19645	19153	15	—61.5	—57.3	—67.3	—	—
40	8	21937	22237	21766	8	—57.8	—52.0	—64.0	—	—
30	4	23639	23791	23554	4	—57.1	—54.9	—62.2	—	—
20	—	—	—	—	—	—	—	—	—	—
10		—	—	—	—	—	—	—	—	—
										—

* The atmospheric pressure corrected to the elevation of the radiosonde station.

Table B 1.—UPPER AIR CLIMATOLOGICAL DATA

MERSA MATRUH (A) — 1200 U T. — APRIL 1962

N = the number of cases the element has been observed during the month.

Pressure surface (millibar)	Altitude of pressure surface (gpm.)				Temperature (°C)				Dew point (°C)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
		*	*	*						
Surface	30	1011mb.	1018mb.	1000mb.	30	20·1	28.5	17.5	30	11.5
1000	30	134	195	42	30	19.0	27.5	16.0	30	10.1
850	30	1510	1547	1438	30	11.0	18.0	3.5	29	—4.6
700	30	3105	3159	3052	30	2.1	8.2	—2.9	16	—8.5
600	30	4331	4410	4297	30	—5.9	0.0	—9.9	10	—13.0
500	30	5733	5843	5648	30	—15.5	—9.7	—20.1	8	—20.4
400	30	7380	7528	7271	30	—27.4	—21.5	—33.0	7	—30.4
300	30	9384	9583	9245	30	—42.5	—36·7	—46·4		—
200	30	12028	12275	11877	30	—55.7	—52.3	—60.7	—	—
150	30	13846	14101	13710	30	—58.8	—54.5	—64.9	—	—
100	30	16428	16591	16260	30	—63.8	—59.2	—73.0	—	—
60	21	19520	19685	19378	21	—59.0	—55.7	—63.2	—	—
40	15	22096	22191	21927	15	—52.1	—49.6	—54.0	—	—
30	8	23978	24051	23919	8	—48.9	—45.6	—52.0	—	—
20	3	26667	26748	26614	3	—45.3	—42.9	—47.4	—	—
10	—	—	—	—	—	—	—	—	—	—

* The atmospheric pressure corrected to the elevation of the radiosonde station.

Table B 1.—UPPER AIR CLIMATOLOGICAL DATA

HELWAN—0000 U.T. — APRIL 1962

N = the number of cases the element has been observed during the month.

Pressure surface (millibar)	Altitude of pressure surface (gpm.)				Temperature (°C)				Dew point (°C)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
		*	*	*						
Surface	28	997mb.	1004mb.	991mb.	28	15.6	23.3	12.5	28	5.9
1000	28	114	172	76	—	—	—	—	—	—
850	28	1484	1527	1436	28	11.6	19.3	— 5.4	21	— 2.9
700	28	3080	3134	3007	28	2.6	7.3	— 2.2	17	—11.8
600	28	4307	4377	4217	28	— 5.5	— 0.9	—11.2	14	—16.6
500	28	5714	5804	5597	28	—15.0	— 9.1	—20.1	9	—23.6
400	28	7364	7478	7217	28	—26.7	—21.8	—32.8	7	—34.8
300	27	9380	9526	9196	27	—41.9	—35.3	—47.8		—
200	27	12031	12216	11788	27	—55.2	—50.0	—64.0	—	—
150	25	13850	14062	13598	25	—59.0	—53.0	—62.9	—	—
100	19	16357	16543	16137	19	—65.8	—57.0	—72.2	—	—
60	9	19514	19640	19344	9	—64.4	—61.3	—68.0	—	—
40	4	22010	22120	21867	4	—57.3	—53.9	—60.0	—	—
30	1	23960	—	—	1	—56.3	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—

* The atmospheric pressure corrected to the elevation of the radiosonde station.

Table B 1.—UPPER AIR CLIMATOLOGICAL DATA

HELWAN —1200 U.T. — APRIL 1962

N = the number of cases the element has been observed during the month.

Pressure surface (millibar)	Altitude of pressure surface (gpm.)				Temperature (°C)				Dew point (°C)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
		*	*	*						
Surface	30	996mb.	1002mb.	986mb.	30	26.2	36.1	20.9	30	3.0
1000	30	106	158	28	—	—	—	—	—	—
850	30	1495	1533	1445	30	12.6	24.7	5.9	29	—3.1
700	30	3092	3138	3017	30	2.8	9.8	—3.9	15	—9.9
600	30	4322	4378	4229	30	—5.2	— 0.8	—11.2	14	—15.9
500	30	5729	5797	5617	30	—14.7	— 9.2	—21.5	10	—23.3
400	30	7381	7483	7241	30	—26.6	—21.5	—32.6	8	—34.5
300	30	9395	9536	9211	30	— 41.4	—32.9	—46.5	—	—
200	29	12053	12267	11826	29	—54.5	—45.1	—58.8	—	—
150	28	13875	14179	13652	28	—58.9	—48.6	—65.8	—	—
100	19	16376	16807	16193	19	—65.7	—53.5	—77.7	—	—
60	8	19542	20117	19394	8	—61.8	—50.2	—69.2	—	—
40	2	22014	22029	21999	2	—50.6	—49.2	—52.0	—	—
30	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—

*The atmospheric pressure corrected to the elevation of the radiosonde station

Table B 1.—UPPER AIR CLIMATOLOGICAL DATA

ASWAN (A) —0000 U.T. — APRIL 1962

N = the number of cases the element has been observed during the month.

Pressure surface (millibar)	Altitude of pressure surface (gpm.)				Temperature (°C)				Dew point (°C)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
		*	*	*						
Surface	22	997mb.	1001mb.	994mb.	22	22.0	27.8	17.7	22	1.0
1000	4	110	115	106	4	20.0	22.0	18.5	4	—1.8
850	22	1484	1520	1455	22	16.8	22.6	10.0	11	—4.4
700	22	3109	3167	3061	22	7.0	10.5	2.2	7	— 8.2
600	22	4356	4411	4283	22	— 1.4	3.0	— 7.3	5	—15·0
500	22	5785	5835	5695	22	—10.6	— 5.7	—14.8	5	—21.6
400	22	7464	7530	7357	22	—22.9	—17.2	—28.4	3	—27.1
300	22	9511	9610	9349	22	—36.4	—32.2	—44.0	1	—44·7
200	22	12209	12380	12005	22	—54.1	—45.4	—59.7	—	—
150	22	14009	14261	13764	22	—65.1	—52.5	—72.3	—	—
100	19	16423	16806	16194	19	—74.8	—60.2	—83.0	—	—
60	16	19427	19842	19158	16	—66·8	—58·9	—78.6	—	—
40	12	21931	22389	21639	12	—55.7	—51.5	—58.2	—	—
30	6	23721	23908	23457	6	—53.4	—51.0	—56.2	—	—
20	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—

* The atmospheric pressure corrected to the elevation of the radiosonde station.

Table B 1.—UPPER AIR CLIMATOLOGICAL DATA

ASWAN (A) — 1200 U.T. — APRIL 1962

N = the number of cases the element has been observed during the month.

Pressure surface (millibar)	Altitude of pressure surface (gpm.)				Temperature (°C)				Dew point (°C)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
		*	*	*						
Surface	23	998mb.	1001mb.	994mb.	23	34.1	42.0	27.8	23	3.2
1000	4	110	115	106	4	29.3	30.5	27.7	3	3.8
850	23	1512	1538	1487	23	19.8	27.0	12.7	5	— 7.2
700	23	3144	3191	3096	23	8.3	14.4	4.7	5	—14.2
600	23	4397	4474	4341	23	— 0.4	5.4	— 4.1	6	—22.3
500	23	5832	5937	5775	23	— 9.4	— 3.4	—15.6	2	—23.4
400	23	7520	7667	7448	23	—21.6	—16.4	—26.1	1	—34.3
300	23	9569	9770	9469	23	—37.2	—31.6	—41.5	—	—
200	23	12299	12521	12124	23	—55.3	—50.8	—58.0	—	—
150	23	14065	14331	13926	23	—65.8	—61.3	—69.9	—	—
100	20	16479	16743	16356	20	—72.8	—65.0	—78.9	—	—
60	15	19470	19711	19365	15	—68.7	—61.4	—78.2	—	—
40	10	21998	22263	21899	10	—53.4	—47.2	—59·2	—	—
30	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—

* The atmospheric pressure corrected to the elevation of the radiosonde station.

Table B 3.—NUMBER OF OCCURRENCES OF WIND DIRECTION WITHIN SPECIFIED RANGES AND THE MEAN SCALAR WIND SPEED AT THE STANDARD AND SELECTED PRESSURE SURFACES

MERSA MATRUH (A)—0000 U.T.—APRIL 1962

N = The number of cases the wind has been observed from the range of direction during the month,.

TN = The total number of cases the wind has been observed for all directions during the month.

Pressure surface (millibar)	Wind between specified ranges of direction (000-360)°																								Number of calm winds	Total number of o bservations(TN)	Mean scalar wind speed (knots)
	345-014		015-044		045-074		075-104		105-134		135-164		165-194		195-224		225-254		255-284		285-314		315-344				
	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m			
Surface of station	1	10	0	—	1	10	2	12	3	7	2	6	3	7	0	—	5	11	8	10	1	1	3	14	1	30	9
1000	0	—	0	—	2	12	5	13	1	11	1	6	1	17	2	10	4	8	4	12	4	16	5	12	1	30	11
850	1	13	0	—	0	—	1	19	0	—	1	16	4	11	2	12	1	15	3	28	9	22	7	18	0	29	19
700	0	—	0	—	0	—	0	—	0	—	1	36	2	18	2	25	3	27	7	31	9	27	5	24	1	30	26
600	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	20	5	42	9	35	10	34	4	36	0	30	35
500	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	7	44	11	42	10	47	2	59	0	30	45
400	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	32	9	60	5	57	10	56	2	69	0	28	57
300	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	7	72	7	70	6	77	0	—	0	20	73
200	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	105	0	—	0	—	0	1	105
150	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Table B 3.—NUMBER OF OCCURRENCES OF WIND DIRECTION WITHIN SPECIFIED RANGES AND THE MEAN SCALAR WIND SPEED AT THE STANDARD AND SELECTED PRESSURE SURFACES

MERSA MATRUH (A)—1200 U.T.—APRIL 1962

N = The number of cases the wind has been observed from the range of direction during the month.

TN = The total number of cases the wind has been observed for all directions during the month.

Pressure surface (millibar)	Wind between specified ranges of direction (000-360)°																								Number of calm winds	Total number of observations (TN)	Mean scalar wind speed (knots)
	345-014		015-044		045-074		075-104		105-134		135-164		165-194		195-224		225-254		255-284		285-314		315-344				
	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m			
Surface of station	4	15	4	14	4	18	3	17	0	—	1	13	0	—	1	10	0	—	0	—	4	20	9	16	0	30	16
1000	1	12	4	11	2	18	3	17	0	—	0	—	1	17	2	14	2	16	2	19	5	16	8	14	0	30	14
850	0	—	1	13	0	—	1	7	2	9	0	—	1	18	2	15	3	13	8	20	12	20	0	—	0	30	17
700	0	—	0	—	0	—	0	—	0	—	0	—	0	—	6	19	4	32	5	18	9	31	6	23	0	30	25
600	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	8	32	9	32	11	34	2	27	0	30	32
500	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	10	37	9	38	9	48	2	46	0	30	41
400	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	49	8	67	10	50	9	54	2	78	0	30	57
300	0	—	0	—	0	—	0		0	—	0	—	0	—	1	50	7	70	6	73	9	65	1	88	0	24	68
200	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	3	68	4	84	1	41	0	—	0	8	72
150	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	113	1	24	0	—	0	2	68
100	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	5	0	—	0	1	5
60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Table B 3.—NUMBER OF OCCURRENCES OF WIND DIRECTION WITHIN SPECIFIED RANGES AND THE MEAN SCALAR WIND SPEED AT THE STANDARD AND SELECTED PRESSURE SURFACES

HELWAN – 0000 U.T. — APRIL 1962

N = The number of cases the wind has been observed from the range of direction during the month.

TN = The total number of cases the wind has been observed for all directions during the month.

Pressure surface (millibar)	Wind between specified ranges of direction (000-360)°																								Number of calm winds	Total number of observations (TN)	Mean scalar wind speed (knots)
	345—014		015—044		045—074		075—104		105—134		135—164		165—194		195—224		225—254		255—284		285—314		315—344				
	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m			
Surface of station	6	8	6	7	5	10	2	12	0	—	0	—	0	—	1	6	0	—	0		1	5	4	5	3	28	7
1000	3	7	2	9	2	12	0	—	0		0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	7	9
850	3	14	2	12	0	—	1	9	0	—	1	15	0	—	0	—	0	—	5	20	8	20	8	15	0	28	17
700	1	10	0	—	0	—	0	—	1	5	0	—	0	—	0	—	2	32	6	25	8	26	10	28	0	28	26
600	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	40	2	34	8	35	14	32	3	33	0	28	34
500	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	3	34	9	40	14	46	2	34	0	28	42
400	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	52	11	40	12	57	3	65	0	28	51
300	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	77	19	54	7	66	2	62	0	20	60
200	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	76	4	87	2	66	0	—	0	8	79
150	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	86	2	82	0	—	0	4	84
100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Table B 3.—NUMBER OF OCCURRENCES OF WIND DIRECTION WITHIN SPECIFIED RANGES AND THE MEAN SCALAR WIND SPEED AT THE STANDARD AND SELECTED PRESSURE SURFACES

HELWAN — 1200 U.T.– APRIL 1962

N = The number of cases the wind has been observed from the range of direction during the month.

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Pressure surface millibar)	Wind between specified ranges of direction (000-360)°																								Number of calm winds	Total number of observations (TN)	Mean scalar wind speed (knots)
	345-014		015-044		045-074		075-104		105-134		135-164		165-194		195-224		225-254		255-284		285-314		315-344				
	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m			
Surface of station	2	12	5	14	1	7	0	—	0	—	0	—	0	—	2	15	1	15	5	9	5	12	9	13	0	30	12
1000	0	—	1	6	0	—	0	—	0	—	0	—	0	—	0	—	0		0	—	1	12	1	15	0	3	11
850	5	12	4	8	1	3	2	14	1	3	1	29	0	—	0	—	1	32	4	17	5	17	6	13	0	30	14
700	0	—	2	16	0	—	0	—	0	—	1	30	1	13	1	14	2	23	10	23	7	26	6	25	0	30	23
600	2	19	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	36	14	35	8	31	4	34	0	30	31
500	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	5	38	11	41	11	43	3	37	0	30	41
400	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	3	33	15	47	9	49	2	73	0	29	48
300	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	54	2	102	15	68	5	65	0	—	0	23	69
200	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	4	78	2	62	0	—	0	6	73
150	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Table B 3.—NUMBER OF OCCURRENCES OF WIND DIRECTION WITHIN SPECIFIED RANGES AND THE MEAN SCALAR WIND SPEED AT THE STANDARD AND SELECTED PRESSURE SURFACES

ASWAN (A) — 0000 U.T. — APRIL 1962

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Pressure surface (millibar)	Wind between specified ranges of direction (000-360)°																						Number of calm winds	Total number of observations (TN)	Mean scalar wind speed (knots)
	345-014		015-044		045-074		075-104		105-134		135-164		165-194		195-224		225-254		255-284		285-314		315-344				
	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m			
Surface of station	15	10	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	7	22	6
1000	4	14	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	4	14
850	4	18	2	8	2	10	1	2	0	—	0	—	0	—	6	—	1	22	2	8	3	18	7	14	0	22	13
700	1	5	1	6	0	—	0	—	0	—	0	—	0	—	0	—	0	—	10	26	5	20	5	22	0	22	22
600	1	25	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	41	7	32	8	28	4	15	0	22	28
500	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	38	17	37	3	47	1	17	0	22	38
400	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	50	18	52	2	58	0	—	0	21	52
300	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	3	60	10	66	4	65	0	—	0	17	65
200	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	5	106	2	94	0	—	0	7	102
150	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	87	1	150	0	—	0	—	0	2	118
100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Table B 3.—NUMBER OF OCCURRENCES OF WIND DIRECTION WITHIN SPECIFIED RANGES AND THE MEAN SCALAR WIND SPEED AT THE STANDARD AND SELECTED PRESSURE SURFACES

ASWAN (A) — 1200 U.T. — APRIL 1962

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Pressure surface (millibar)	Wind between specified ranges of direction (000-360°)																						Number of calm winds	Total number of observations (TN)	Mean scalar wind speed (knots)
	345—014		015—044		045—074		075—104		105—134		135—164		165—194		195—224		225—254		255—284		285—314		315—344				
	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m			
Surface of station	13	4	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	11	2	5	6	23	4
1000	3	5	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	5	0	4	5
850	4	11	6	8	3	10	0	—	0	—	0	—	0	—	0	—	0	—	3	10	2	21	5	12	0	23	11
700	2	8	2	7	0	—	0	—	0	—	0	—	0	—	0	—	1	35	7	22	5	22	6	19	0	23	19
600	0	—	0	—	0	—	0	—	0	—	0	—	1	10	2	26	7	[illegible]	5	38	5	[illegible]	5	22	0	23	28
500	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	6	33	13	39	6	50	0	—	0	23	38
400	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	7	60	14	4[illegible]	2	58	0	—	0	23	57
300	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	6	80	11	72	4	[illegible]	0	—	0	27	76
200	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	93	[illegible]	175	1	111	0	—	0	8	104
150	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	124	0	—	0	—	0	—	0	1	124
100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

REVIEW OF AGRO - METEOROLOGICAL STATION AT GIZA
APRIL 1962

This month was slightly cold and dry as compared with the normal values of air temperature and total rainfall for Giza during April. The mean air temperature at 2 metres above ground was slightly below normal (-0.2°C), the mean relative humidity was normal and the total rainfall was below normal (-1 mm). Three pronounced heat waves occurred with peaks on the 2nd, 6th and 30th. The third was the most excessive, giving the absolute maximum air temperature, the lowest relative humidity, the maximum gust and the highest Piche and water pan evaporation on the 30th. The month was frost free, as usual since 1956.

The extreme maximum soil temperatures at depths between 0.3 & 100 cms inclusive, in the dry field were lower than the corresponding values of April 1961 ; the maximum deviation was -4.9°C at 1cm depth. At 200 cms. depth the extreme maximum is slightly higher than last year (+0.4°C) while at 300 cms. depth the values were equal. The extreme minimum soil temperatures at 0.3 and 300 cms depths in the dry field were lower than the corresponding values of April 1961 by -0.4°C & -0.1°C respectively. At depths between 1 & 200 cms inclusive, the valuses were higher than last year ; the maximum deviation was +3.4°C at 5 cms. depth.

For the month as a whole, the mean wind speed for the day at 2 metres above ground was the same as last year. Mean daily Piche evaporation, water pan evaporation, potential evaporation and potential evapotranspiration were lower by -0.2, -0.61, -0.3, -1.2 mms. respectively than the corresponding values of April 1961. The total duration of bright sunshine was 3.8 hours more than the corresponding value of last April.

REVIEW OF AGRO - METEOROLOGICAL STATION AT TAHRIR
APRIL 1962

This month was characterized by two intense heat waves with peaks round the 6th and 30th. The last heat wave was more excessive ; it was accompanied by high values of temperature & evaporation and low values of humidity & vapour pressure.

Comparing the monthly values of different elements this month with last April, we find that there is no significant difference between the corresponding values of mots elements with the exception of the mean air temperature, total radiation and actual bright sunshine durations which were less this year by 0.9°C, 250 gm. cal/cm². and 23.6 hours (i.e. 6% of the possible duration) than the corresponding values of last April.

The highest values of extreme soil temperatures this month were lower than the corresponding values of last April by (0.0 - 2.2°C) down to 2 metres depth, while the lowest values of soil temperatures were higher by (0.0 - 3.0°C) down to 2 metres also.

The mean wind speed at 2 metres above ground and the Piche mean evaporation this month were higher than the corresponding values of last April by 0.1 m/sec. and 0.4 mm. respectively.

Table C 1.—AIR TEMPERATURES AT 2 METRES ABOVE GROUND; ABSOLUTE MINIMUM AIR TEMPERATURES AT 5cms ABOVE GROUND OVER DIFFERENT FIELDS

GIZA — APRIL 1962

Date	Air Temperature (°C)					Duration in hours to the nearest half hour of air tempertaure above the following values										
	Max.	Min	Mean of the day	Night time mean	Day time mean	-5 °C	0 °C	5 °C	10 °C	15 °C	20 °C	25 °C	30 °C	35 °C	40 °C	45 °C
1	24.6	11.8	17.6	14.1	19.6	24.0	24.0	24.0	24.0	15.5	8.5	0.0	0.0	0.0	0.0	0.0
2	31.6	12.2	20.9	16.3	24.5	24.0	24.0	24.0	24.0	17.5	11.5	7.0	2.0	0.0	0.0	0.0
3	29.3	10.9	19.5	16.6	23.2	24.0	24.0	24.0	24.0	18.0	10.0	5.5	0.0	0.0	0.0	0.0
4	24.2	11.4	18.7	16.0	19.7	24.0	24.0	24.0	24.0	17.0	8.0	0.0	0.0	0.0	0.0	0.0
5	28.7	9.1	19.0	14.1	21.7	24.0	24.0	24.0	23.5	16.0	13.0	5.0	0.0	0.0	0.0	0.0
6	35.8	13.9	23.6	18.9	26.8	24.0	24.0	24.0	24.0	22.5	13.5	11.0	6.5	0.0	0.0	0.0
7	27.1	13.8	19.2	19.1	21.9	24.0	24.0	24.0	24.0	19.0	9.5	4.5	0.0	0.0	0.0	0.0
8	24.5	10.8	17.9	15.6	20.2	24.0	24.0	24.0	24.0	15.0	9.0	0.0	0.0	0.0	0.0	0.0
9	22.3	9.2	16.2	14.5	18.2	24.0	24.0	24.0	24.0	13.0	6.0	0.0	0.0	0.0	0.0	0.0
10	23.0	7.7	16.2	13.1	18.2	24.0	24.0	24.0	20.0	15.0	6.5	0.0	0.0	0.0	0.0	0.0
11	25.6	9.4	17.6	14.5	20.3	24.0	24.0	24.0	24.0	16.0	9.0	0.0	0.0	0.0	0.0	0.0
12	28.7	13.4	20.2	15.8	22.9	24.0	24.0	24.0	24.0	18.0	13.0	5.5	0.0	0.0	0.0	0.0
13	25.6	16.4	20.7	19.8	21.7	24.0	24.0	24.0	24.0	24.0	13.5	0.5	0.0	0.0	0.0	0.0
14	24.5	13.0	18.3	17.8	20.5	24.0	24.0	24.0	24.0	21.0	8.0	0.0	0.0	0.0	0.0	0.0
15	23.0	9.9	16.6	13.6	18.7	24.0	24.0	24.0	24.0	16.0	6.5	0.0	0.0	0.0	0.0	0.0
16	25.4	8.2	17.6	14.3	20.2	24.0	24.0	24.0	21.5	16.5	9.5	0.0	0.0	0.0	0.0	0.0
17	28.8	12.1	19.4	15.7	23.1	24.0	24.0	24.0	24.0	17.0	9.5	6.0	0.0	0.0	0.0	0.0
18	25.2	11.4	17.6	14.5	20.2	24.0	24.0	24.0	24.0	15.5	8.0	0.0	0.0	0.0	0.0	0.0
19	25.3	12.2	18.0	14.8	20.4	24.0	24.0	24.0	24.0	17.0	8.5	0.0	0.0	0.0	0.0	0.0
20	25.4	11.9	18.6	15.5	20.7	24.0	24.0	24.0	24.0	17.0	10.0	0.0	0.0	0.0	0.0	0.0
21	28.3	11.6	19.3	15.9	21.7	24.0	24.0	24.0	24.0	17.0	10.5	5.0	0.0	0.0	0.0	0.0
22	27.7	12.6	20.0	16.9	22.1	24.0	24.0	24.5	24.0	18.0	13.0	6.0	0.0	0.0	0.0	0.0
23	31.6	11.5	22.6	18.2	25.5	24.0	24.0	24.5	24.0	20.0	16.5	10.5	2.5	0.0	0.0	0.0
24	32.0	17.2	24.6	21.0	27.0	24.0	24.0	24.0	24.0	24.0	16.5	11.5	5.5	0.0	0.0	0.0
25	29.2	13.5	21.4	19.9	24.2	24.0	24.0	24.0	24.0	21.5	13.0	7.5	0.0	0.0	0.0	0.0
26	28.0	13.8	20.3	17.7	22.8	24.0	24.0	24.0	24.0	20.5	11.5	5.5	0.0	0.0	0.0	0.0
27	26.5	12.1	18.8	16.8	20.8	24.0	24.0	24.0	24.0	19.0	9.0	1.0	0.0	0.0	0.0	0.0
28	27.0	11.8	19.0	15.8	21.3	24.0	24.0	24.0	24.0	17.0	9.5	3.5	0.0	0.0	0.0	0.0
29	30.1	10.3	21.4	16.3	24.0	24.0	24.0	24.0	24.0	18.5	14.0	11.0	0.0	0.0	0.0	0.0
30	37.1	14.1	26.1	20.3	30.2	24.0	24.0	24.0	24.0	24.0	17.0	12.5	9.0	5.0	0.0	0.0
31																
Total	—	—	—	—	—	720.0	720.0	720.0	713.0	546.0	321.5	119.0	25.5	5.0	0.0	0.0
Mean	27.5	11.9	19.5	16.4	22.1	24.0	24.0	24.0	23.8	18.2	10.7	4.0	0.8	0.2	0.0	0.0

Highest maximum at 2 metres 37.1 °C on 30th. Highest minimum at 2 metres 17.2 °C on 24th.

Lowest maximum at 2 metres 22.3 °C on 9th. Lowest minimum at 2 metres 7.7 °C on 10th.

Absolute minimum temperature at 5 cms. Above dry soil 4.0 °C on 10th & 16th.

" " " " wet soil 5.3 °C on 10th & 16th.

" " " " grass 2.5 °C on 10th.

Table C 1.—AIR TEMPERATURES AT 2 METRES ABOVE GROUND ; ABSOLUTE MINIMUM AIR TEMPERATURES AT 5cms ABOVE GROUND OVER DIFFERENT FIELDS

TAHRIR — APRIL 1962

Date	Air temperature (°C)					Duration in hours to the nearest half hour of air temperature above the following values										
	Max.	Min.	Mean of the day	Night time mean	Day time mean	5 °C	0 °C	5 °C	10 °C	15 °C	20 °C	25 °C	30 °C	35 °C	40 °C	45 °C
1	25.2	11.5	17.7	13.9	20.1	24.0	24.0	24.0	24.0	16.5	8.0	0.0	0.0	0.0	0.0	0.0
2	29.6	14.0	20.9	16.4	25.1	24.0	24.0	24.0	24.0	19.0	11.5	8.5	0.0	0.0	0.0	0.0
3	25.4	12.0	18.5	15.4	21.4	24.0	24.0	24.0	24.0	17.0	9.0	0.0	0.0	0.0	0.0	0.0
4	23.1	12.2	17.3	15.9	19.5	24.0	24.0	24.0	24.0	15.5	7.0	0.0	0.0	0.0	0.0	0.0
5	26.9	9.5	18.5	13.2	21.3	24.0	24.0	24.0	24.0	16.5	11.0	4.5	0.0	0.0	0.0	0.0
6	35.6	13.9	23.6	18.0	28.1	24.0	24.0	24.0	24.0	23.0	13.5	10.5	8.0	0.0	0.0	0.0
7	26.2	13.3	19.1	18.8	21.9	24.0	24.0	24.0	24.0	20.0	9.5	3.0	0.0	0.0	0.0	0.0
8	25.8	10.4	17.0	14.0	19.9	24.0	24.0	24.0	24.0	14.5	7.5	0.0	0.0	0.0	0.0	0.0
9	22.6	10.8	15.9	13.5	18.7	24.0	24.0	24.0	24.0	12.5	5.5	0.0	0.0	0.0	0.0	0.0
10	23.6	9.2	15.9	12.3	18.8	24.0	24.0	24.0	21.5	13.0	6.0	0.0	0.0	0.0	0.0	0.0
11	24.9	8.9	16.6	12.7	19.7	24.0	24.0	24.0	21.0	13.5	8.0	0.0	0.0	0.0	0.0	0.0
12	27.4	11.0	18.9	14.1	21.8	24.0	24.0	24.0	24.0	16.5	10.0	4.5	0.0	0.0	0.0	0.0
13	24.1	16.2	19.7	17.8	21.2	24.0	24.0	24.0	24.0	24.0	10.5	0.0	0.0	0.0	0.0	0.0
14	22.9	12.7	17.8	17.4	20.0	24.0	24.0	24.0	24.0	18.0	8.0	0.0	0.0	0.0	0.0	0.0
15	24.2	9.7	16.3	13.1	18.9	24.0	24.0	24.0	24.0	13.0	6.5	0.0	0.0	0.0	0.0	0.0
16	25.5	8.6	17.2	12.4	20.2	24.0	24.0	24.0	20.5	14.5	9.5	0.0	0.0	0.0	0.0	0.0
17	25.5	10.9	17.7	15.2	20.7	24.0	24.0	24.0	24.0	14.0	9.0	0.0	0.0	0.0	0.0	0.0
18	25.4	11.5	17.4	13.7	20.2	24.0	24.0	24.0	24.0	15.0	9.0	0.0	0.0	0.0	0.0	0.0
19	25.9	11.0	17.6	14.2	20.2	24.0	24.0	24.0	24.0	16.5	8.0	0.0	0.0	0.0	0.0	0.0
20	25.5	11.8	18.4	15.0	21.1	24.0	24.0	24.0	24.0	15.5	10.0	0.0	0.0	0.0	0.0	0.0
21	30.3	12.4	19.0	15.2	22.1	24.0	24.0	24.0	24.0	17.0	9.5	5.0	0.0	0.0	0.0	0.0
22	27.8	12.4	19.4	15.5	22.5	24.0	24.0	24.0	24.0	17.0	10.5	6.0	0.0	0.0	0.0	0.0
23	29.7	12.2	20.9	16.0	24.4	24.0	24.0	24.0	24.0	17.5	12.5	8.0	0.0	0.0	0.0	0.0
24	31.8	14.4	21.9	17.5	25.4	24.0	24.0	24.0	24.0	20.5	13.0	8.5	3.0	0.0	0.0	0.0
25	29.1	14.0	20.8	17.3	23.8	24.0	24.0	24.0	24.0	22.0	11.0	7.5	0.0	0.0	0.0	0.0
26	27.8	13.6	19.6	16.6	22.4	24.0	24.0	24.0	24.0	19.0	10.5	4.5	0.0	0.0	0.0	0.0
27	26.4	13.1	18.5	15.9	20.9	24.0	24.0	24.0	24.0	16.5	9.5	0.5	0.0	0.0	0.0	0.0
28	26.4	11.1	18.2	14.9	21.0	24.0	24.0	24.0	24.0	15.0	9.5	2.0	0.0	0.0	0.0	0.0
29	30.8	10.2	20.4	14.3	23.4	24.0	24.0	24.0	24.0	17.0	14.0	8.0	0.0	0.0	0.0	0.0
30	38.3	17.3	24.8	19.9	29.0	24.0	24.0	24.0	24.0	24.0	15.0	9.5	6.0	3.5	0.0	0.0
31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	**720.0**	**720.0**	**720.0**	**711.0**	**513.5**	**292.0**	**90.5**	**17.0**	**3.5**	**0.0**	**0.0**
Mean	27.1	12.0	18.8	15.3	21.8	24.0	24.0	24.0	23.7	17.1	9.7	3.0	0.6	0.1	0.0	0.0

Highest maximum at 2 metres 38.3°C on 30th. Highest minimum at 2 metres 17.3°C on 30th.

Lowest maximum at 2 metres 22.6°C on 9th. Lowest minimum at 2 metres 8.6°C on 16th.

Absolute minimum temperature at 5 cms. above dry soil 5.9 °C on 16th.

" " " " wet soil — °C on —

" " " " grass — °C on —

Table C 2.—WIND SPEED, (SOLAR + SKY) RADIATION, DURATION OF BRIGHT SUNSHINE, RELATIVE HUMIDITY AND VAPOUR PRESSURE AT 2 METRES ABOVE GROUND, EVAPORATION AND RAINFALL

GIZA — APRIL 1962

Date	Wind speed metres per second			Solar + sky radiation gm. cal./cm²	Duration of bright sunshine in hours			Relative humidity hours of duration		Relative humidity %		Vapour pressure in millimeters		Evaporation in millimeters		Amount of rainfall in millimeters
	Mean of the day	Night time mean	Day time mean		Total actual	Total possible	Percentage %	>90%	>80%	Mean of the day	at 1200 U.T.	Mean of the day	at 1200 U.T.	Piche	Pan class (A)	
1	2.5	2.1	3.1	540	10.1	12.5	81	0	8	70	51	10.4	10.4	8.6	5.67	0.0
2	2.8	1.7	4.4	580	11.3	12.5	90	0	7	58	23	9.0	7.7	15.1	9.19	0.0
3	2.5	1.1	4.4	616	11.3	12.5	90	0	5	66	28	9.3	7.9	13.0	7.94	0.0
4	2.4	1.5	3.7	592	10.2	12.6	81	4	7	74	49	10.3	9.7	9.7	7.08	0.0
5	1.7	1.3	2.4	556	10.7	12.6	85	6	8	58	26	8.4	6.8	12.4	6.80	0.0
6	1.3	1.4	1.0	469	9.2	12.6	73	0	1	53	12	8.3	4.5	11.6	7.35	0.0
7	2.9	1.7	4.7	537	9.7	12.6	77	0	8	75	42	11.1	11.2	12.1	8.82	0.0
8	3,5	2.9	4.2	570	10.8	12.7	85	2	7	71	40	9.7	8.7	12.2	7.60	0.0
9	2.7	2.0	3.8	606	11.2	12.7	88	0	3	62	38	7.8	7.1	12.8	7.24	0.0
10	2.6	1.6	3.9	574	10.9	12.7	86	0	5	58	40	8.0	7.8	14.8	9.35	0.0
11	3.3	2.5	4.5	584	11.0	12.8	86	0	4	59	32	8.3	7.5	16.0	8.45	0.0
12	3.9	3.3	4.9	531	8.8	12.8	69	0	7	69	31	10.6	9.1	19.3	10.54	0.0
13	3.8	3.1	4.7	284	0.7	12.8	5	0	2	66	52	11.2	11.7	11.8	7.02	Tr.
14	3.2	1.9	5.1	471	9.0	12.8	70	0	4	69	51	10.3	10.7	12.1	7.87	0.0
15	2.3	1.9	2.9	619	11.5	12.9	89	0	0	55	36	7.4	7.2	12.3	6.41	0.0
16	1.8	1.2	2.6	590	10.9	12.9	84	0	5	56	30	8.0	6.9	13.9	7.54	0.0
17	3.2	1.4	5.7	562	10.3	12.9	80	0	0	51	27	7.5	7.1	19.1	9.82	0.0
18	3.1	2.1	4.4	528	10.3	13.0	79	0	8	68	37	9.4	8.4	13.5	7.90	0.0
19	1.8	1.4	2.5	584	10.8	13.0	83	0	8	70	35	9.5	7.7	11.4	7.43	0.0
20	2.3	1.6	3.2	537	10.4	13.0	80	0	8	66	44	10.3	9.6	12.1	7.45	0.0
21	1.9	1.7	2.0	562	10.9	13.0	84	4	9	70	38	10.6	9.4	11.2	8.34	0.0
22	2.4	2.3	2.5	556	9.9	13.1	76	0	7	64	25	8.8	6.4	15.1	7.99	0.0
23	2.1	1.3	3.2	577	11.1	13.1	85	0	3	34	17	6.5	5.6	24.5	13.34	0.0
24	2.6	2.2	3.0	353	4.0	13.1	31	0	0	35	24	7.9	7.9	18.4	9.49	0.0
25	2.6	1.2	4.6	612	11.7	13.2	89	0	0	47	31	8.8	8.8	18.3	10.60	0.0
26	2.2	1.9	2.7	592	10.9	13.2	83	4	7	64	32	10.2	8.7	12.9	8.38	0.0
27	2.3	1.6	3.3	606	11.1	13.2	84	0	4	58	33	8.5	7.6	13.7	8.11	0.0
28	2.0	1.2	3.1	662	11.9	13.2	90	0	4	44	22	6.5	5.4	16.3	10.15	0.0
29	1.2	1.0	1.5	523	9.0	13.2	68	0	3	39	20	7.1	6.1	15.3	7.31	0.0
30	2.3	0.6	4.6	448	6.3	13.3	47	0	0	33	14	7.6	6.3	28.2	13.05	0.0
31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	16421	295.9	386.5	—	20	142	—	—	—	—	437.7	254.23	Tr.
Mean	2.5	1.8	3.6	547	9.9	12.9	77	0.7	4.7	59	33	8.9	8.0	14.6	8.47	—

Maximum amount of rainfall in one day	Tr.	mms.	on	13th.
Lowest value of relative humidity	12	%	on 6th &	30th.
Highest value of vapour pressure	13.2	mms.	on	13th.
Lowest value of vapour pressure	4.2	mms.	on	28th.

Table C 2.—WIND SPEED, (SOLAR + SKY) RADIATION, DURATION OF BRIGHT SUNSHINE, RELATIVE HUMIDITY AND VAPOUR PRESSURE AT 2 METRES ABOVE GROUND, EVAPORATION AND RAINFALL

TAHRIR—APRIL 1962

Date	Wind speed metres per second			Solar + sky radiation gm. cal./cm²	Duration of bright sunshine in hours			Relative humidity hours of duration		Relative humidity %		Vapour pressure in millimeters		Evaporation in millimeters		Amount of rainfall in millimeters
	Mean of the day	Night time mean	Day time mean		Total actual	Total possible	Percentage %	>90%	>80%	Mean of the day	at 1200 U.T.	Mean of the day	at 1200 U.T.	Piche	Pan class (A)	
1	3.2	2.6	4.1	540	9.8	12.5	78	0	1	70	45	10.0	9.6	12.6	8.72	0.0
2	4.8	2.8	7.7	578	11.0	12.5	88	0	0	52	41	8.0	6.3	26.6	13.28	0.0
3	4.6	3.2	6.7	600	11.0	12.5	88	0	4	62	21	9.6	9.6	16.5	10.50	0.0
4	4.7	4.0	5.7	605	11.0	12.6	87	2	6	73	45	10.0	9.2	12.6	7.93	0.0
5	2.5	2.3	2.8	552	10.1	12.6	80	0	5	65	38	10.2	9.5	10.6	7.82	0.0
6	2.6	2.4	2.7	510	9.7	12.6	77	0	4	62	16	13.2	6.2	16.5	10.82	0.0
7	4.6	3.4	6.5	580	10.6	12.6	84	3	5	71	30	9.6	7.5	16.3	10.78	tr.0
8	3.5	2.6	4.8	584	10.2	12.7	80	1	6	68	38	9.1	8.4	13.3	8.45	0.0
9	4.1	3.3	5.2	596	11.2	12.7	88	0	0	60	35	7.5	6.7	13.8	8.75	0.0
10	2.8	2.0	3.9	567	10.5	12.7	83	0	0	59	38	7.8	7.5	13.5	8.50	0.0
11	3.6	2.6	5.1	554	9.8	12.8	77	1	7	68	37	9.1	8.5	13.2	8.74	0.0
12	4.3	3.3	5.8	487	7.2	12.8	56	4	8	74	36	11.0	10.0	15.9	9.78	0.0
13	4.3	4.1	4.6	166	0.0	12.8	0	0	7	68	50	11.1	10.5	11.0	7.04	0.0
14	5.0	3.5	7.3	567	10.3	12.9	80	2	4	68	46	9.7	9.2	15.2	10.23	0.0
15	3.1	2.6	3.9	607	11.1	12.9	86	0	0	54	30	7.2	6.4	12.8	8.44	0.0
16	2.1	1.5	3.0	578	10.9	12.9	84	0	6	57	30	8.0	6.5	13.0	9.00	0.0
17	4.0	2.4	6.6	584	10.9	12.9	84	0	3	54	39	8.2	8.7	16.4	11.24	0.0
18	4.8	3.6	6.6	585	11.8	13.0	91	0	7	72	36	9.8	8.3	14.0	9.95	0.0
19	3.8	3.3	4.6	614	12.0	13.0	92	3	8	72	33	9.6	7.7	12.0	8.50	0.0
20	3.8	3.2	4.8	525	10.7	13.0	82	3	7	66	38	9.9	8.8	12.8	8.30	0.0
21	2.8	2.6	3.0	546	10.0	13.1	76	3	7	69	35	10.2	9.3	9.7	6.27	0.0
22	2.7	2.5	3.0	579	11.7	13.1	89	3	6	72	26	9.8	6.8	11.5	7.97	0.0
23	3.9	2.9	5.2	559	11.3	13.1	86	4	8	57	22	8.9	6.8	18.5	11.78	0.0
24	4.8	3.9	6.3	452	6.9	13.2	52	0	6	50	22	8.5	7.1	20.8	11.14	0.0
25	3.8	3.2	4.7	605	12.2	13.2	92	0	1	70	30	10.8	8.6	14.4	9.64	0.0
26	3.8	3.4	4.5	606	11.9	13.2	90	5	8	70	29	10.3	8.1	12.7	8.34	0.0
27	4.1	3.2	5.5	605	10.8	13.2	82	0	5	66	31	9.2	7.2	14.6	9.46	0.0
28	4.3	3.7	5.4	635	12.2	13.3	92	0	1	55	23	7.6	5.8	15.8	9.90	0.0
29	2.4	2.1	2.7	446	8.1	13.3	61	0	3	47	21	7.7	6.4	21.1	13.43	tr.
30	5.4	4.6	6.5	541	10.6	13.3	80	0	0	41	9	7.0	4.4	29.8	15.31	0.0
31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	16550	305.5	387.0	—	34	133	—	—	—	—	457.5	290.01	tr.
Mean	3.8	3.0	5.0	551.7	10.2	12.9	79	1.1	4.4	63	32	9.3	8.2	15.2	9.67	—

Maximum amount of rainfall in one day	tr.	mms.	on	13th V 29th
Lowest value of relative humidity	8	%	on	30th
Highest value of vapour pressure	12.9	mms.	on	13th
Lowest value of vapour pressure	4.1	mms.	on	30th

Table C 3.—EXTREME SOIL TEMPERATURES AT DIFFERENT DEPTHS IN DIFFERENT FIELDS

GIZA — APRIL 1962

Depth in Cms.	Dry soil		Wet soil		Grass	
	Highest °C	Lowest °C	Highest °C	Lowest °C	Highest °C	Lowest °C
0.3	57.3	7.3	33.0	9.0	32.9	12.2
1	51.2	9.6	30.4	9.3	25.6	12.8
2	48.5	9.7	29.5	9.7	24.7	13.2
5	36.2	15.6	30.2	12.0	24.2	14.8
10	30.5	19.8	27.3	14.6	22.4	16.6
20	27.0	22.6	25.0	17.1	21.0	18.2
50	25.5	23.3	20.0	18.4	19.8	18.6
100	24.2	22.6	19.3	18.2	19.6	18.5
200	23.3	22.3	19.1	18.2	20.0	19.3
300	23.2	23.0	—	—	—	—

Table C 3.—EXTREME SOIL TEMPERATURES AT DIFFERENT DEPTHS IN DIFFERENT FIELDS

TAHRIR — APRIL 1962

Depth in Cms.	Dry soil		Wet soil		Grass	
	Highest °C	Lowest °C	Highest °C	Lowest °C	Highest °C	Lowest °C
0.3	50.6	9.1	—	—	—	—
1	49.0	9.7	—	—	—	—
2	48.0	10.1	—	—	—	—
5	42.0	12.6	—	—	—	—
10	35.0	15.9	—	—	—	—
20	28.6	19.3	—	—	—	—
50	24.4	21.3	—	—	—	—
100	23.1	21.4	—	—	—	—
200	22.3	20.9	—	—	—	—
300	22.1	21.1	—	—	—	—
600	23.7	23.6	—	—	—	—

Table C 4 — NUMBER OF DAYS OF SURFACE WIND SPEED AT 10 METRES REACHING SPECIFIED LIMITS OF VELOCITY FOR AT LEAST 5 MINUTES

GIZA — APRIL 1962

10 Knots or more	30 Days			30 Knots or more	0 Days		
15 „ „ „	16 „			35 „ „ „	0 „		
20 „ „ „	2 „			40 „ „ „	0 „		
25 „ „ „	0 „			The highest gust 30 knots on 30th			

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UNITED ARAB REPUBLIC

MONTHLY WEATHER REPORT

VOLUME 5 NUMBER 5

MAY, 1962

U.D.C. 551. 506.1 (62)

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METEOROLOGICAL DEPARTMENT

CAIRO

PUBLICATIONS OF THE METEOROLOGICAL DEPARTMENT OF THE UNITED ARAB REPUBLIC — CAIRO

In fulfilment of its duties as the National Meteorological service for the U.A.R., the Meteorological Department issues several reports and publications on weather, climate and agrometeorology. The principal publications are described on this page.

Orders for publications should be adressed to :

" The Director General, Meteorological Department, Kubri-el-Qubbeh — CAIRO ".

THE DAILY WEATHER REPORT

This report is printed daily in the Meteorological Department. It contains surface and upper air observations carried by the relevant networks of the Republic and made at the four main synoptic hours of observations (00, 06, 12 and 18 U.T.); as well as ship observations over the Eastern Mediterranean and north Red Sea made at the same times.

It also contains two surface synoptic charts at 00 and 12 U.T. and two upper air charts for the standard isobaric surfaces 700 & 500 mbs. at both 00 and 12 U.T.

In compliance with resolution 8 (EC-XIII) of WMO, foreign upper air data included in Cairo Subregional Broadcast are also given in this report.

THE MONTHLY WEATHER REPORT

First issued in 1909, the Monthly Weather Report served to give a brief summary of the weather conditions that prevailed over Egypt during the month, with a table showing the mean values for few meteorological elements and their deviations from the normal values. From 1954 to 1957 this report was in a rapid state of develop ment and extension resulting into a voluminous report on January 1958 giving surface, upper air, and agro-meteorological data for U.A.R.

THE AGRO - METEOROLOGICAL ABRIDGED MONTHLY REPORT

Gives a review of weather experienced in the agro-meteorological stations of the U.A.R. as well as monthly values of certain elements.

THE ANNUAL REPORT

This report gives annual values and statistics for the various meteorological elements, together with a summary of the weather conditions that prevailed during all months of the year.

CLIMATOLOGICAL NORMALS FOR EGYPT

The normals, long averages and statistical data are given for stations in Egypt from the date of opening of each station up to 1945. A new voluminous edition was issued in March 1968 which brings normals and mean values up till 1960.

UNITED ARAB REPUBLIC

MONTHLY WEATHER REPORT

VOLUME 5 NUMBER 5

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METEOROLOGICAL DEPARTMENT
CAIRO

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GENERAL SUMMARY OF WEATHER CONDITIONS

MAY 1962

Mild in general, characterized with three variant khamsin disturbances of short durations. Light rain over the Mediterranean coast between the 7th & 9th

THE MAIN FEATURES

— Two khamsin disturbances of moderate intensities round the 2nd & the 16th. A pronounced mild period at the beginning of the 2nd week.

— High relative humidity in the northern parts particularly during the 2nd & 3rd decades; Low relative humidity in the southern parts.

— Light rain over the Mediterranean coastal area between the 7th & the 9th, extending inland in the south up to Cairo.

— Few days of early morning mist over scattered localites.

GENERAL DESCRIPTION OF WEATHER

Mild weather prevailed over the Republic most of this month and maximum temperature fell below normal and its deviation ranged between 1°C & 3°C over the Mediterranean coastal district and ranged between 2°C & 5°C over the inland districts. The Republic, enjoyed a pronounced mild weather round the period (7th – 9th) during which light rain fell over the Mediterranean coastal strip and extended inland in the south and approached Cairo.

It is worth to note that the number of khamsin disturbances over the U.A.R. this month was relatively small and heat waves were of short durations. The first of the khamsin waves this month was excessive in particular over the Delta, Upper Egypt & Western Desert districts and attained its peak round the 2nd during which maximum temperature increased to 36°C at Alexandria (11°C above normal) and 44°C at Aswan (6°C above normal). On the other hand, the second heat wave this month was excessive over the western part of the Mediterranean district, Middle Egypt, Cairo area and Red Sea districts; it attained its climax on the 16 th during which maximum temperature reached 33°C at Mersa Matruh (8°C above normal), 38°C at Cairo (6°C above normal) and 42°C at Minya (8°C above normal).

The monthly mean values of various meteorological elements for different districts and their deviations from their corresponding normals are given in the following table :

District	Atmospheric pressure (mb.) Corrected to M.S.L		Air temperature (°C)						Relative humidity (%)		Total rainfall (mms)	
			Maximum (A)		Minimum (B)		(A+B)/2					
	Mean	Deviation from normal	Mean	Deviation from normal	Mean	Deviation from normal	Mean	Deviation from normal	Mean	Deviation from normal	Mean	Deviation from normal
Mediterranean . . .	1013.4	0.0	25.5	— 0.4	16.0	— 0.4	20.8	— 0.4	66	+ 4	1.6	+ 0.4
Lower Egypt . . .	1012.8	+ 0.2	30.7	— 0.6	14.4	— 0.9	22.6	— 0.8	51	— 8	0.7	— 1.9
Cairo Area . . .	1012.3	+ 0.1	31.8	— 0.9	16.5	— 0.6	24.2	— 0.8	42	— 3	tr.	— 1.7
Upper Egypt . . .	1010.4	+ 0.4	35.5	— 1.1	17.9	— 1.0	26.7	— 1.0	28	+ 4	0.0	— 0.4
Western Desert . .	1012.0	— 0.1	34.7	— 1.1	16.9	— 2.0	25.8	— 1.6	24	— 8	0.0	+ 0.4
Red Sea	1009.0	— 0.4	29.8	— 0.7	20.7	— 0.8	25.2	— 0.8	47	— 7	0.0	— 0.4

Note.—The above monthly district means for atmospheric pressure and relative humidity are computed from the corresponding means for all stations that take daily 24 hourly observations in each district

2nd, 3rd, 7th, 9th, 16th, 18th & 23rd; Aswan on the 3rd; Siwa on the 2nd & 6th; Bahariya on the 6th ; Farafra on the 2nd, 3rd, 6th & 8th; Dakhla on the (2nd-4th), 17th & 18th; Kharga on th 2nd & 3rd; Abu Redes on the 3rd & 19th; Tor on the 4th, 10th & 14th; Hurghada on the (7th-9th), 17th & 19th and at Quseir on the 4th, 5th, 10th, (13th-19th) & 28th.

Sand or duststorms blew over : El Arish on the 3rd; Luxor & Siwa on the 2nd; Farafra & Dakhla on the 3rd and over Kharga on the 2nd.

M. F. TAHA

Under Secretary of State
Director General
Meteorological Department

Cairo, 11 / 2 / 1971

Table A 1.—MONTHLY MEAN VALUES OF ATMOSPHERIC PRESSURE AT FIXED HOURS CORRECTED TO "Hp" AND TO MEAN SEA LEVEL

MAY 1962

District	Station	Altitude of Hp (metres)	Station Pressure (mb.) (corrected to Hp.) 0000 U.T. Mean	0000 U.T. Dev. from normal	0600 U.T. Mean	0600 U.T. Dev. from normal	1200 U.T. Mean	1200 U.T. Dev. from normal	1800 U.T. mean	1800 U.T. Dev. from normal	Altitude of the barometer cistern (metres)	Mean Sea Level Pressure (mb) (corrected to M.S.L.) 0000 U.T. Mean	0000 U.T. Dev. from normal	0600 U.T. Mean	0600 U.T. Dev. from normal	1200 U.T. Mean	1200 U.T. Dev. from normal	1800 U.T. Mean	1800 U.T. Dev. rom normal
Mediterranean	Sallum	6.0	1013.6	— 0.0	1014.2	+ 1.1	1013 9	+ 0.6	1014.1	+ 0.7	5.2	1014.1	+ 0.1	1014.7	+ 1.1	1014.4	+ 0 6	1014 6	+
	Sidi Barrani	23.3	1010 2	— 0.4	1011.0	— 0 2	1011 1	— 0.1	1010.9	+ 0 5	23.3	1012 8	— 0.4	1013 6	— 0 2	1013 7	— 0.1	1013 5	+ 0 5
	Mersa Matruh (A)	30.0	1010.4	+ 1 0	1010.8	+ 0.6	1010 9	+ 0.9	1010 9	+ 1 0	30 0	1014.1	+ 1 0	1014 5	+ 0 6	1014 6	+ 0.9	1014 6	+ 1.0
	Ras El Hikma	45.8	1008.3	—	1008.7	—	1008 5	—	1008.4	—	45.8	1013.8	—	1014.1	—	1014.0	—	1013 9	—
	Dabaa	18.0	1011.1	—	1011.6	—	1011 6	—	1011 5	—	17 8	1013 1	—	1013 6	—	1013 6	—	1013 5	—
	Dekheila (A)	6.0	1012.7	—	1013.0	—	1013 4	—	1013.1	—	5 9	1013 3	—	1013 6	—	1014.0	—	1013 7	—
	Alexandria (A)	7.0	1012.1	— 0.3	1012.8	+ 0.7	1012.8	+ 1.0	1012.6	+ 0 8	6.8	1012 9	— 0 3	1013.6	+ 0.7	1013.6	+ 1.0	1013 4	+ 0.8
	Baltream	2.2	1012.7	—	1013.3	—	1012 9	—	1013.1	—	2 2	1012 9	—	1013 5	—	1013.1	—	1013 3	—
	Damietta	3.8	1012.3	—	1013.1	+ 0 5	1012 4	+ 0 2	1012.7	+ 0.5	3 8	1012 7	—	1013.5	+ 0 5	1012 8	+ 0 2	1013 1	+ 0.5
	Port Said (A)	6.1	1011.5	+ 0 2	1012.3	+ 0.2	1011.7	0 0	1011.9	+ 0.2	6 1	1012 2	+ 0.2	1013 0	+ 0.2	1012 4	0 0	1012 6	+ 0.2
	El Arish	17.1	1010.5	— 0.7	1011.3	— 0.6	1010 4	— 1 0	1010.9	— 0.6	17 1	1012 4	— 0.7	1013 2	— 0.6	1012 3	— 1.0	1012 8	— 0.6
	Ghazza	15.7	1010.6	—	1011.3	—	1010 5	—	1010 8	—	15.7	1012.4	—	1013.1	—	1012 3	—	1012 6	—
Lower Egypt	Mansoura	4.0	1012.5	—	1013 0	+ 0 6	1011.7	+ 0 3	1012 6	+ 0.6	3 6	1012 9	—	1013 4	+ 0 6	1012 1	+ 0.3	1013 0	+ 0.6
	Damanhour	6.7	1012.7	—	1012 9	+ 0 2	1012 8	+ 1 1	1013 0	+ 0 7	6 7	1013 4	—	1013 5	+ 0 2	1013 4	+ 1 1	1013 6	+ 0 7
	Gimmeiza	8.9	1012.3	—	1012.7	+ 0.1	1011 9	+ 0 5	1012.3	+ 0.3	8.9	1013.3	—	1013 7	+ 0.1	1012 9	+ 0 5	1013 3	+ 0 3
	Tanta	14.8	1011.1	—	1011 6	— 0.5	1010 3	— 0.4	1011 3	— 0 2	15 4	1012 8	—	1013 3	— 0.5	1012 0	— 0.4	1013 0	— 0.2
	Tahrir	16.0	1010.8	—	1011 2	—	1009 6	—	1010 6	—	18 6	1013.0	—	1013.4	—	1011.8	—	1012 8	—
	Shebin El Kom	13.1	1011.3	—	1011 9	+ 0 4	1010 3	+ 0.1	1011 4	+ 0.6	13 8	1012 8	—	1013 4	+ 0 4	1011 8	+ 0.1	1012 9	+ 0 6
	Zagazig	13.0	1011 6	—	1012 3	+ 0.7	1010 6	+ 0 3	1011.9	+ 0.7	13 0	1013.2	—	1013 9	+ 0.7	1012 2	+ 0.3	1013.5	+ 0.7
	Abu Sueir (A)	16.0	1011.1	—	1012.0	—	1010.2	—	1011.4	—	16 0	1013.0	—	1013.9	—	1011 9	—	1013 3	—
	Zaher (A)	30.0	1008 5	—	1009.2	—	1007 6	—	1008 2	—	23.5	1012.1	—	1012.8	—	1011.1	—	1011 8	—
	Wadi El Natrun	0.9	1013.5	—	1014.2	+ 0.5	1012.5	+ 0.6	1013.5	+ 0 6	0 9	1013.6	—	1014 3	+ 0.5	1012 6	+ 0.6	1013.6	+ 0.6
	Inshas	25.5	1008.4	—	1009.2	—	1007.6	—	1008.5	—	25 6	1011.5	—	1012 2	—	1010 5	—	1011.5	—
	Fayed (A)	22.5	1010 5	—	1011 3	—	1009.4	—	1010.8	—	22 5	1013 0	—	1013 8	—	1011.8	—	1013 3	—
	Kabrit (A)	7.6	1011.3	—	1012.1	—	1010 2	—	1011.2	—	7.6	1012.7	—	1013.4	—	1011.5	—	1012.5	—

Table A 1 (*contd.*).—**MONTHLY MEAN VALUES OF ATMOSPHERIC PRESSURE AT FIXED HOURS CORRECTED TO "Hp" AND TO MEAN SEA LEVEL.**

MAY 1962

District	Station	Altitude of Hp (metre)	Station Pressure (mb.) (corrected to Hp.) 0000 U.T. Mean	0000 U.T. Dev. from normal	0600 U.T. Mean	0600 U.T. Dev. from normal	1200 U.T. Mean	1200 U.T. Dev. from normal	1800 U.T. Mean	1800 U.T. Dev. from normal	Altitude of the barometer cistern (metre)	Mean Sea Level Pressure (mb) (corrected to M.S.L.) 0000 U.T. Mean	0000 U.T. Dev. from normal	0600 U.T. Mean	0600 U.T. Dev. from normal	1200 U.T. Mean	1200 U.T. Dev. from normal	1800 U.T. Mean	1800 U.T. Dev. from normal
Cairo Area	Cairo (A)	74.5	1004.9	+ 0.2	1005.8	— 0.9	1003.9	— 0.1	1004.7	— 0.1	71.0	1012.5	+ 0.2	1013.4	+ 0.6	1011.3	0.0	1012.2	+ 0.2
	Mostafa Hehmi (A)	161.0	993.1	—	993.8	—	992.5	—	992.6	—	161.0	1011.3	—	1012.8	—	1011.0	—	1011.4	—
	Almaza (A)	78.5	1003.1	+ 0.1	1004.1	— 0.7	1002.2	0.0	1002.9	+ 0.2	78.6	1012.3	+ 0.4	1013.3	+ 0.8	1011.1	+ 0.1	1012.0	+ 0.3
	Abbasiya (H.Q.)	26.4	1010.3	—	1011.0	—	1009.3	—	1010.0	—	26.4	1012.5	—	1013.2	—	1011.3	—	1012.1	—
	Imbaba (A)	19.0	1010.2	—	1011.1	—	1009.2	—	1009.8	—	19.0	1012.3	—	1013.2	—	1011.3	—	1011.9	—
	Giza	22.5	1009.9	—	1010.5	+ 0.1	1008.8	— 0.2	1009.3	— 0.3	22.5	1012.7	—	1013.5	+ 0.1	1011.5	— 0.2	1012.0	— 0.3
	Helwan	140.7	995.7	—	996.6	+ 0.8	995.1	+ 0.3	995.5	+ 0.5	140.7	1012.5	—	1013.3	+ 0.9	1011.3	+ 0.5	1012.0	+ 0.6
Upper Egypt	Fayoum	23.3	1009.4	—	1010.4	— 1.2	1008.4	+ 1.0	1008.7	+ 1.2	23.3	1012.4	—	1013.3	+ 1.2	1011.1	+ 1.0	1011.5	+ 1.1
	Beni Suef	30.4	1008.2	—	1009.3	+ 0.1	1007.4	— 0.1	1007.4	— 0.2	30.0	1011.6	—	1012.8	+ 0.2	1010.7	— 0.1	1010.7	— 0.3
	Minya (A)	40.5	1006.1	0.0	1007.5	+ 0.2	1005.9	+ 0.2	1005.4	0.0	40.3	1010.9	+ 0.1	1012.2	+ 0.2	1010.4	+ 0.3	1010.1	0.0
	Mangabad (A)	69.6	1003.2	+ 0.8	1004.6	+ 0.6	1002.5	+ 0.7	1002.5	+ 0.4	69.5	1011.3	+ 0.9	1012.8	+ 0.9	1010.3	+ 0.9	1010.5	+ 0.6
	Nag Hammadi	70.6	1002.3	—	1003.7	+ 0.7	1001.8	+ 0.8	1001.5	+ 0.7	70.5	1010.5	—	1011.8	+ 0.8	1009.6	+ 0.9	1009.4	+ 0.6
	Kena	74.2	1001.1	—	1002.9	+ 1.0	1000.9	+ 1.3	1000.5	+ 1.0	74.2	1009.5	—	1011.4	+ 1.1	1009.1	+ 1.4	1009.0	+ 1.1
	Luxor (A)	88.5	998.7	— 0.3	1000.5	— 0.1	998.4	+ 0.1	998.2	— 0.4	88.4	1018.8	— 0.3	1019.5	— 0.1	1008.2	+ 0.2	1008.2	— 0.3
	Kom Ombo	102.6	996.7	—	998.7	—	996.4	—	996.4	—	102.6	1008.6	—	1010.4	—	1007.7	—	1008.0	—
	Aswan (A)	193.9	986.1	—	987.8	+ 0.4	985.9	+ 0.6	985.9	+ 0.6	193.5	1008.2	—	1009.7	+ 0.4	1007.1	+ 0.6	1007.2	+ 0.5
Western Desert	Siwa	— 13.5	1015.6	+ 1.0	1016.8	+ 1.0	1015.1	+ 0.9	1014.5	+ 1.2	— 13.3	1013.9	+ 1.0	1015.1	+ 1.0	1013.5	+ 0.9	1013.0	+ 1.3
	Bahariya	129.5	997.3	+ 0.6	998.5	+ 0.3	997.1	+ 0.3	996.7	— 0.1	129.6	1012.6	+ 0.6	1013.7	+ 0.4	1011.7	+ 0.3	1011.6	+ 0.2
	Farafra	91.8	1002.9	0.0	1004.3	— 0.1	1002.9	+ 0.5	1002.5	+ 0.2	92.1	1015.8	0.0	1015.1	0.0	1013.3	+ 0.5	1013.1	+ 0.4
	Dakhla	111.5	997.3	—	998.9	+ 1.1	996.7	+ 0.9	996.4	+ 0.5	111.5	1010.3	—	1011.7	+ 1.2	1009.0	+ 0.9	1009.0	+ 0.6
	Kharga	72.8	1001.3	—	1003.0	— 0.4	1001.2	— 0.7	1001.0	— 0.6	72.9	1009.6	—	1011.2	— 0.3	1009.1	— 0.7	1009.1	— 0.5
Red Sea	Suez	11.0	1011.4	—	1012.1	+ 0.7	1010.5	— 0.1	1010.9	+ 0.2	12.2	1012.6	—	1013.3	+ 0.7	1011.7	— 0.1	1012.1	+ 0.2
	Abu Redes	4.0	1009.2	—	1010.6	—	1008.9	—	1009.1	—	4.0	1009.6	—	1011.0	—	1009.3	—	1009.5	—
	Tor	4.2	1008.2	—	1009.7	— 0.5	1008.2	— 0.9	1007.8	— 0.9	4.2	1008.6	—	1010.1	— 0.5	1008.6	— 0.9	1008.2	— 0.9
	Hurghada	2.8	1008.7	+ 0.1	1010.4	+ 0.5	1008.6	0.0	1008.5	+ 0.4	2.8	1008.9	+ 0.1	1010.6	+ 0.5	1008.8	0.0	1008.7	+ 0.4
	Quseir	11.3	1007.2	—	1008.8	— 0.2	1007.9	— 0.7	1007.5	— 0.5	11.3	1008.2	—	1009.8	— 0.2	1008.9	— 0.7	1008.5	— 0.5
	Abul Kizan	5.0	1008.6	—	1009.4	—	1008.9	—	1008.7	—	5.0	1009.1	—	1010.0	—	1009.5	—	1009.3	—

Table A 2.—MONTHLY MEAN VALUES OF THE DRY BULB AND WET BULB TEMPERATURES, AND THE RELATIVE HUMIDITY AT FIXED HOURS

MAY 1962

District	Station	Dry bulb temperature (°C)								Wet bulb temperature (°C)								Relative humidity %							
		0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.		0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.		0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.	
		Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal
Mediterranean	Sallum	18.0	—	20.9	— 0.6	24.5	0.0	20.4	— 0.2	14.3	—	15.3	— 1.7	16.8	— 1.5	16.2	— 1.0	64	—	52	—10	42	—10	63	— 7
	Sidi Barrani	16.5	— 0.7	20.0	— 0.5	22.5	— 0.5	19.2	— 0.5	14.5	— 0.5	16.1	— 0.3	17.6	— 0.2	16.7	0.0	78	+ 3	65	+ 2	61	+ 2	76	+ 2
	Mersa Matruh (A)	15.8	— 0.5	20.8	— 0.3	22.2	— 0.6	19.3	— 0.5	13.6	— 0.7	6.1	— 0.9	17.2	+ 1.0	16.5	— 0.8	77	— 2	59	— 6	52	— 4	74	— 3
	Ras El Hikma	17.8	—	19.6	—	21.6	—	18.8	—	16.0	—	16.7	—	17.9	—	16.7	—	82	—	73	—	68	—	80	—
	Dabaa	16.1	—	20.5	— 0.7	23.8	— 0.2	19.2	— 0.9	14.0	—	16.6	— 0.8	17.4	— 0.3	16.1	— 1.4	78	—	65	— 2	50	— 1	71	— 5
	Dekheila (A)	18.5	—	20.9	—	23.6	—	20.5	—	15.8	—	17.1	—	18.4	—	17.2	—	71	—	67	—	57	—	70	—
	Alexandria (A)	17.4	— 0.7	22.6	+ 0.6	25.2	0.0	19.9	— 0.4	15.9	— 0.7	18.3	0.0	19.3	+ 0.2	17.5	— 0.3	85	0	64	— 4	55	+ 1	78	+ 1
	Balteam	19.1	—	22.3	—	24.5	—	20.3	—	15.9	—	18.4	—	19.1	—	17.7	—	79	—	67	—	57	—	76	—
	Damietta	18.1	—	22.2	— 0.7	26.4	+ 1.7	20.3	— 0.7	16.4	—	18.6	— 0.6	19.6	+ 0.1	17.7	— 1.0	83	—	69	0	50	— 9	76	— 3
	Port Said (A)	20.2	+ 0.3	21.8	— 0.6	24.0	— 0.2	21.4	— 0.2	16.9	— 1.1	18.3	0.6	19.5	— 0.3	18.3	— 0.5	70	— 7	70	0	63	— 2	74	— 2
	El Arish	18.0	+ 0.5	22.7	+ 0.1	25.4	+ 0.7	20.9	— 0.4	16.5	+ 1.0	19.0	+ 0.3	20.1	+ 0.2	18.5	+ 0.2	85	+ 4	76	+15	59	— 3	78	+ 4
	Ghazza	18.8	—	21.9	—	23.6	—	21.2	—	16.8	—	18.2	—	19.4	—	18.7	—	81	—	68	—	70	—	78	—
Lower Egypt	El Sirw	17.6	—	22.4	— 0.7	26.3	— 0.1	20.5	— 0.9	—	—	18.5	— 0.7	19.5	— 1.1	17.8	— 0.4	—	—	67	— 1	50	— 7	75	0
	Sakha	17.4	—	21.4	— 1.6	30.7	+ 0.3	22.4	+ 1.4	—	—	18.5	— 0.6	22.[illegible]	+ 1.1	19.2	+ 1.2	—	—	74	+ 7	47	+ 4	72	— 2
	Mansoura	14.7	—	22.4	— 0.5	30.1	— 0.1	20.7	— 1.1	13.4	—	18.3	— 0.1	19.1	— 0.3	16.6	— 0.8	86	—	65	+ 2	31	— 1	64	+ 1
	Damanhour	17.4	—	21.0	— 2.0	28.6	+ 0.1	20.3	0.7	—	—	17.6	— 0.8	18.8	— 0.8	17.3	— 0.2	—	—	70	+ 8	35	— 5	73	+ 4
	Gimmeiza	15.5	—	21.8	— 0.5	30.6	— 0.1	21.6	+ 0.4	—	—	18.8	+ 0.2	21.3	+ 0.3	17.8	— 0.2	—	—	74	+ 5	40	— 2	67	— 5
	Tanta	16.2	—	21.6	— 1.1	30.6	— 0.4	21.6	— 0.7	13.[illegible]	—	17.4	— 0.8	19.4	— 0.7	16.2	1.3	75	—	6[illegible]	— 1	30	— 2	55	— 5
	Tahrir	16.6	—	21.2	—	30.2	—	22.5	—	14.7	—	17.3	—	18.0	—	16.4	—	80	—	66	—	25	—	70	—
	Shebin El Kom	16.3	—	20.6	— 1.3	30.3	— 0.7	22.4	— 1.1	14.2	—	17.3	— 0.2	19.6	— 0.4	17.0	— 0.9	78	—	70	— 7	33	+ 1	65	+10
	Zagazig	17.7	—	21.1	— 2.4	30.0	— 1.1	23.5	+ 0.9	—	—	17.3	— 1.2	19.2	— 1.0	17.6	— 0.1	—	—	71	+ 8	31	— 2	53	— 7
	Abu Sueir (A)	18.2	—	22.2	—	30.8	—	23.2	—	15.9	—	18.2	—	18.6	—	17.5	—	77	—	66	—	26	—	54	—
	Zaher (A)	18.4	—	21.2	—	30.9	—	24.8	—	16.0	—	17.9	—	19.3	—	17.7	—	77	—	71	—	29	—	47	—
	Wadi El Natrun	17.6	—	21.3	— 1.2	31.0	— 0.7	23.6	— 1.2	14.8	—	16.8	— 0.8	17.5	— 1.7	15.9	— 1.5	72	—	62	+ 2	19	— 7	40	— 5
	Inshas	19.7	—	22.0	—	29.6	—	24.3	—	14.7	—	16.9	—	19.1	—	17.0	—	55	—	57	—	32	—	45	—
	Fayed (A)	18.8	—	22.5	—	31.5	—	23.9	—	14.4	—	17.8	—	18.4	—	17.1	—	59	—	61	—	23	—	47	—
	Kabrit (A)	19.1	—	21.5	—	30.8	—	23.6	—	16.1	—	17.1	—	18.6	—	17.0	—	72	—	62	—	26	—	48	—
Cairo Area	Cairo (A)	18.9	— 1.1	21.3	— 1.5	30.6	— 0.9	25.2	— 0.6	15.9	— 0.2	17.0	— 0.5	18.0	— 1.1	17.1	— 1.0	72	+ 7	63	+ 7	23	— 3	40	— 4
	Mostafa Helmi (A)	17.5	—	19.9	—	26.0	—	23.8	—	14.2	—	15.5	—	16.9	—	15.7	—	68	—	60	—	36	—	37	—
	Almaza (A)	18.4	— 1.8	20.8	— 1.9	30.5	— 0.9	24.6	— 1.4	14.7	— 1.2	15.7	— 1.5	18.0	— 0.8	16.3	— 1.1	64	+ 2	56	+ 1	24	— 1	38	— 1
	Abbasiya (HQ)	19.2	—	22.4	—	31.3	—	25.2	—	15.9	—	17.7	—	19.1	—	17.5	—	69	—	61	—	26	—	43	—
	Imbaba (A)	17.5	—	21.4	—	30.9	—	24.5	—	14.0	—	16.7	—	18.7	—	16.8	—	66	—	60	—	26	—	42	—
	Giza	18.2	—	21.3	— 1.2	30.3	— 1.6	25.0	— 0.1	15.3	—	16.8	— 1.0	17.9	— 1.4	16.6	— 1.0	72	—	62	+ 1	24	— 2	38	— 6
	Helwan	19.2	—	22.7	— 0.3	30.8	— 0.8	25.3	— 1.1	14.6	—	15.7	— 0.9	17.2	— 0.5	16.0	— 0.6	58	—	44	— 5	19	0	33	+ 1

Table A 2. (*Contd.*)—**MONTHLY MEAN VALUES OF THE DRY BULB AND WET BULB TEMPERATURES, AND THE RELATIVE HUMIDITY AT FIXED HOURS.**

MAY 1962

District	Station	Dry bulb temperature (°C)								Wet bulb temperature (°C)								Relative humidity %							
		0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.		0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.		0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.	
		Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal
Upper Egypt	Fayoum	19.7	—	23.0	— 0.8	32.2	— 0.4	26.4	+ 0.1	15.0	—	16.9	— 0.3	17.9	— 0.9	16.7	— 0.6	57	—	51	+ 2	18	— 3	33	— 4
	Beni Suef	19.6	—	22.7	— 2.1	32.8	— 1.1	25.5	— 1.9	13.8	—	16.1	—	18.5	—	16.3	—	49	—	47	—	19	—	34	—
	Seds	18.8	—	23.6	+ 0.3	32.3	— 0.2	25.1	— 0.4	—	—	18.3	+ 0.5	21.1	+ 1.3	17.9	+ 0.3	—	—	57	0	32	+ 6	46	+ 4
	Minya (A)	19.2	— 0.5	22.2	— 0.5	32.8	— 1.6	25.5	— 0.5	14.5	+ 0.1	16.7	+ 0.5	18.5	— 0.7	16.5	— 0.5	57	+ 4	54	+ 6	19	+ 1	35	— 1
	Mallawi	18.6	—	22.8	—	33.5	—	25.0	—	—	—	17.8	—	21.0	—	17.0	—	—	—	59	—	28	—	49	—
	Mangabad (A)	21.7	— 0.9	22.8	— 1.8	34.2	— 1.3	27.9	— 1.1	13.5	— 0.5	15.3	— 0.6	17.5	— 0.7	16.1	— 0.5	34	— 1	41	+ 6	12	0	23	+ 1
	Shandaweel	21.5	—	25.0	— 2.1	35.2	— 0.3	26.6	— 0.4	—	—	18.2	— 0.4	20.7	— 0.2	18.1	— 0.4	—	—	48	+ 7	22	0	40	0
	Nag Hammadi	22.6	—	23.3	— 3.5	35.1	— 0.5	29.9	+ 1.8	—	—	17.1	— 1.5	20.7	— 0.0	18.3	— 0.3	—	—	51	+ 9	22	+ 1	27	— 9
	Kena	24.1	—	27.1	— 1.1	35.7	— 2.1	29.3	— 1.7	—	—	17.7	— 0.2	20.4	— 0.6	17.6	— 0.7	—	—	35	+ 3	19	+ 3	25	+ 1
	Luxor (A)	23.3	— 1.4	27.6	— 2.4	36.4	— 1.8	29.8	— 1.6	14.4	— 0.6	17.1	— 0.7	19.2	— 1.4	17.2	— 1.0	32	+ 3	30	+ 1	13	— 4	22	— 3
	Kom Ombo	22.7	—	28.1	—	37.6	—	29.5	—	12.9	—	16.3	—	19.0	—	16.3	—	25	—	23	—	10	—	18	—
	Aswan (A)	24.5	—	27.6	— 1.4	37.0	— 1.0	31.7	— 2.0	13.8	—	15.6	— 1.8	19.0	— 2.2	16.7	— 1.8	23	—	21	— 5	11	— 4	11	— 3
Western Desert	Siwa	19.5	— 0.9	21.2	— 0.8	31.7	— 1.0	23.3	— 1.1	13.0	— 0.3	14.8	— 0.6	16.8	— 1.4	15.3	— 1.8	43	+ 1	46	0	14	— 4	21	— 6
	Bahariya	20.0	—	21.6	— 2.1	32.5	— 1.2	27.2	+ 0.2	13.6	—	15.0	— 2.1	17.8	— 2.4	15.8	— 1.4	44	—	45	— 4	17	— 9	24	—12
	Farafra	20.3	—	22.4	— 1.8	33.1	— 0.7	27.0	— 0.4	12.1	—	13.9	— 2.4	17.0	— 2.1	14.4	— 2.0	31	—	33	— 7	12	— 7	17	—10
	Dakhla	21.7	—	25.1	— 2.2	31.6	— 1.5	28.1	— 3.2	12.2	—	15.2	— 1.5	17.3	— 2.5	15.5	— 1.7	25	—	29	0	10	— 6	19	+ 1
	Kharga	23.0	—	26.4	— 1.2	36.4	— 0.3	27.6	— 2.8	13.5	—	16.1	— 2.5	19.3	— 3.4	16.1	— 2.8	28	—	29	— 9	13	—13	24	— 5
Red Sea	Suez	21.0	—	22.6	— 0.7	30.9	+ 0.1	25.3	+ 0.2	—	—	18.8	+ 0.4	20.1	+ 0.1	18.9	+ 0.5	—	—	68	+ 8	33	0	52	+ 2
	Abu Redes	22.7	—	23.4	—	27.3	—	25.5	—	17.6	—	18.6	—	19.3	—	18.8	—	58	—	61	—	43	—	50	—
	Tor	22.4	—	24.2	— 0.7	28.4	— 0.6	27.1	+ 0.1	18.2	—	19.2	— 1.6	20.0	— 2.5	18.6	— 2.7	65	—	60	— 8	43	—12	41	—17
	Hurghada	22.9	+ 0.2	25.7	0.0	28.8	+ 0.8	26.4	— 0.4	15.4	— 0.2	17.7	— 1.7	20.3	— 1.6	18.4	— 1.8	41	— 7	42	—11	43	—14	43	— 9
	Quseir	23.7	—	26.8	— 0.8	27.8	— 1.1	25.8	— 1.0	16.5	—	19.0	— 1.0	21.1	— 1.8	18.9	— 1.7	44	—	44	— 2	58	— 5	49	— 6
	Abul Kizan	25.6	—	27.1	— 0.5	26.9	— 2.0	25.5	— 1.3	—	—	23.2	— 1.3	23.2	— 1.6	22.6	— 1.6	—	—	70	— 4	72	+ 1	77	— 3

Table A 3.—MONTHLY MEAN DAILY VALUES OF THE ATMOSPHERIC PRESSURE, AIR TEMPERATURES AND THE RELATIVE HUMIDITY

MAY 1962

District	Station	Atmospheric pressure (mb.)					Air temperature (°C)											Relative humidity%		
		Derivation of the mean values a, b, c, d	Station Pressure Corrected to Hp		M.S.L. Pressure		Maximum (A)		Minimum (B)		(A+B)/2	Dry bulb			Wet bulb			Derivation of the mean values a,b,c,d,e	Mean	Dev, fron normal
			Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal		Deriv. of the mean values a, b, c, d,	Mean	Dev. from normal	Deriv. of the mean values a, b, c, d,	Mean	Dev, from normal			
Mediterranean	Sallum	a	1014.0	+ 1.2	1014.5	+ 1.2	25.9	— 0.5	16.6	+ 0.4	21.2	a	20.9	+ 0.2	a	15.7	— 1.1	a	55	—11
	Sidi Barrani	a	1010.8	— 0.2	1013.4	— 0.2	23.0	— 1.3	15.1	— 0.4	19.0	a	19.3	— 0.5	a	16.1	— 0.6	a	70	— 1
	Mersa Matruh (A)	a	1010.7	+ 0.5	1014.4	+ 0.5	24.8	— 0.5	14.0	— 1.0	19.4	a	19.5	— 0.8	a	15.6	— 1.3	a	64	— 5
	Ras El Hikma	a	1008.4	—	1013.9	—	22.1	—	17.5	—	19.8	a	19.4	—	a	16.8	—	a	75	—
	Dabaa	a	1011.4	—	1013.4	—	24.7	— 0.5	14.5	— 0.5	19.6	a	19.7	— 0.4	a	15.8	— 1.2	a	64	— 8
	Dekheila (A)	a	1013.1	—	1013.7	—	24.5	—	16.9	—	20.7	a	20.9	—	a	17.0	—	a	66	—
	Alexandria (A)	a	1012 6	— 0.2	1013.4	— 0.2	26.5	+ 0.1	15.9	— 0.7	21.2	a	21.1	— 0.3	a	17.6	— 0.2	a	69	—
	Balteam	a	1012.9	—	1013.1	—	26.1	—	17.4	—	21.8	a	21.5	—	a	18.0	—	a	70	—
	Damietta	a	1012.6	+ 0.1	1013.0	+ 0.1	27.5	+ 0.6	16.3	— 0.9	21.9	a	21.6	+ 0.2	a	17 9	— 0.5	a	68	— 6
	Port Said (A)	a	1011.9	— 0.3	1012.6	— 0.3	25.2	— 0.4	19.2	— 0.4	22.2	a	21.8	— 0.4	a	18.3	— 0.5	a	70	— 1
	El Arish	a	1010.8	— 0.8	1012.7	— 0.8	26.7	— 0.3	16.2	+ 0.1	21.4	a	21.6	+ 0.1	a	18.3	+ 0.5	a	71	+ 3
	Ghazza	a	1010.8	—	1012.6	—	24.3	—	16.8	—	20.6	a	21.0	—	a	18.2	—	a	75	—
Lower Egypt	El Sirw	—	—	—	—	—	27.6	0.0	15.2	— 0.9	21.4	c	21.7	— 0.1	c	18.3	— 0.3	e	71	— 1
	Sakha	—	—	—	—	—	31.1	— 0.2	14.2	0.0	22.6	c	23.0	+ 0.8	c	19.8	+ 1.1	c	73	+ 3
	Mansoura	a	1012.4	+ 0.5	1012.8	+ 0.5	30.9	— 0.4	12.9	— 2.1	21.9	a	21.7	— 1.0	a	16 5	— 1.7	a	56	— 7
	Damanhour	c	1012.8	+ 0.5	1013.5	+ 0.5	29.1	— 1.1	14.5	— 1.4	21.8	c	21.8	— 0.2	c	18.6	+ 0.6	e	72	+ 6
	Gimmeiza	c	1012.3	+ 0.3	1013.3	+ 0.3	31.5	— 0.3	13.4	— 0.9	22.4	c	22 4	+ 0.3	c	18.9	+ 0.3	e	70	0
	Tanta	a	1011.0	— 0.6	1012.7	— 0.6	31.4	— 0.4	14.6	+ 0.1	23.0	a	22.4	— 0.2	a	16.5	— 1.5	a	52	—10
	Tahrir	a	1010.5	—	1012.7	—	31.5	—	14.8	—	23.2	a	22.5	—	a	16.5	—	a	51	—
	Shebin El Kom	a	1011.1	+ 0.2	1012.6	+ 0.2	31.4	— 0.8	14.3	— 1.6	22.8	a	22 4	— 0.7	a	16.9	— 1.0	a	54	— 4
	Zagazig	c	1011.6	+ 0.6	1013.2	+ 0.6	30.9	— 1.1	15.6	+ 0.1	23.2	c	23.1	— 0.1	c	18.5	+ 0.9	e	62	0
	Abu Sueir (A)	a	1011.1	—	1013.0	—	32.0	—	16.3	—	24.2	a	23.5	—	a	17.3	—	a	51	—
	Zaher (A)	a	1008.3	—	1012.0	—	31.7	—	16.3	—	24.0	a	23.7	—	a	17.6	—	a	52	—
	Wadi El Natrun	a	1013.4	+ 0.6	1013.5	+ 0.6	32.1	— 0.8	14.8	— 1.6	23.4	a	23.3	— 0.5	a	16.1	— 1.7	a	43	— 9
	Inshas	a	1008.4	—	1011.4	—	30.3	—	18.2	—	24.2	a	24.0	—	a	16.8	—	a	45	—
	Fayed (A)	a	1010.4	—	1012.9	—	32.5	—	16.7	—	24.6	a	24.0	—	a	16.6	—	a	43	—
	Kabrit (A)	a	1011 2	—	1012.5	—	31.7	—	17.1	—	24.4	a	23 6	—	a	17.1	—	a	49	—

a = the 24 hours mean, b = 8 synoptic hours mean. c = 4 main synoptic hours mean.
d = 06, 12 & 18 U.T. hours mean. e = 06 & 18 U.T. hours mean.

Table A 3. (*cont.*)—MONTHLY MEAN DAILY VALUES OF THE ATMOSPHERIC PRESSURE, AIR TEMPERATURES AND THE RELATIVE HUMIDITY

MAY 1962

District	Station	Atmospheric pressure (mb.)					Air temperature (°C)											Relative humidity%		
		Derivation of the mean values a, b, c, d	Station Pressure corrected to Hp		M.S.L. Pressure		Maximum (A)		Minimum (B)		(A+B)/2	Dry bulb			Wet bulb			Derivation of the mean values a,b,c,d,e	Mean	Dev. from normal
			Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal		Deriv. of the mean values, a, b, c, d,	Mean	Dev. from normal	Deriv. of the mean values a, b, c, d,	Mean	Dev. from normal			
CAIRO AREA	Cairo (A)	a	1004.8	+ 0.1	1012.3	+ 0.1	31.7	— 1.0	17.6	— 0.6	24.2	a	24.1	— 0.7	a	16.9	— 0.4	a	45	+ 1
	Mostafa Helmi (A)	a	993.0	—	1011.8	—	30.2	—	15.7	—	23.0	a	22.6	—	a	15.5	—	a	43	—
	Almaza (A)	a	1003.0	— 0.2	1012.1	— 0.2	31.5	— 1.1	16.4	— 1.4	24.0	a	23.7	— 1.3	a	16.1	— 1.0	a	41	0
	Abbasiya (H.Q.)	a	1010.1	—	1012.3	—	32.8	—	17.0	—	24.9	a	24.5	—	a	17.5	—	a	47	—
	Imbaba A)	a	1010.0	—	1012.	—	32.0	—	15.1	—	23.6	a	23.6	—	a	16.4	—	a	44	—
	Giza	a	10 9.6	— 0.7	1012.4	— 0.7	31.8	— 0.8	15.7	+ 0.7	23.8	a	23.7	+ 0.1	a	16.6	— 1.0	a	45	— 7
	Helwan	a	995.7	+ 0.4	1012.3	+ 0.4	32.2	— 0.7	16.9	— 1.0	24.6	a	24.4	— 0.3	a	15.8	— 2.1	a	35	— 5
UPPER EGYPT	Fayoum	a	1009.2	+ 1.2	1012.1	+ 1.2	33.0	— 0.7	17.0	— 0.3	25.0	a	25.3	+ 0.3	a	16.5	— 0.8	a	36	— 6
	Beni Suef	a	1008.0	— 0.1	1011.4	— 0.1	32.8	— 1.2	15.9	— 0.1	24.4	a	25.2	— 0.4	a	16.1	— 1.3	a	34	— 7
	Seds	—	—	—	—	—	33.3	— 0.8	15.3	— 0.2	24.3	c	24.9	+ 0.7	c	18.6	+ 0.8	e	52	+ 2
	Minya (A)	a	1006.2	— 0.3	1010.9	— 0.4	33.8	— 1.6	16.0	— 0.7	24.9	a	25.0	— 0.9	a	16.6	— 0.4	a	38	+ 1
	Mallawi	—	—	—	—	—	34.4	—	15.5	—	25.0	c	25.0	—	c	18.4	—	e	50	—
	Mangabad (A)	a	1003.2	+ 0.7	1011.2	+ 0.7	35.3	— 1.5	18.0	— 1.6	26.6	a	26.8	— 1.3	a	15.5	— 0.9	a	24	0
	Shandaweel	—	—	—	—	—	37.3	+ 0.8	18.0	— 1.2	27.6	c	27.1	0.0	c	19.1	+ 0.4	c	44	+ 4
	Nag Hammadi	c	1002.3	+ 0.7	1010.3	+ 0.7	36.8	— 0.2	17.9	— 0.8	27.4	c	27.7	+ 0.4	c	18.8	+ 0.2	e	39	0
	Kena	c	1001.4	+ 1.1	1009.8	+ 1.1	36.6	— 2.6	20.3	— 1.0	28.9	c	29.0	— 0.6	c	18.6	+ 0.4	e	30	+ 2
	Luxor (A)	a	999.0	+ 0.1	1009.6	+ 0.1	37.9	— 1.7	19.5	— 1.1	28.7	a	29.2	— 1.2	a	16.9	— 0.9	a	22	— 4
	Kom Ombo	a	997.0	—	1008.6	—	39.4	—	19.1	—	29.2	a	29.3	—	a	16.0	—	a	18	—
	Aswan (A)	a	986.3	+ 0.6	1008.0	+ 0.6	38.3	— 1.8	21.0	— 2.8	29.6	a	30.2	— 0.6	a	16.2	— 2.4	a	16	— 9
WESTERN DESERT	Siwa	a	1015.5	+ 0.7	1013.9	+ 0.7	33.6	— 0.4	14.9	— 2.3	24.2	a	24.8	+ 0.1	a	14.9	— 0.1	a	28	— 2
	Bahariya	a	997.4	+ 0.1	1012.4	+ 0.2	33.2	— 1.5	16.5	— 1.0	24.8	a	25.2	— 0.2	a	15.4	— 2.1	a	30	—12
	Farafra	a	1003.2	+ 0.3	1013.8	+ 0.3	34.0	— 1.2	16.9	— 0.5	25.4	a	25.7	0.0	a	14.4	— 1.0	a	22	— 6
	Dakhla	a	997.3	— 1.1	1010.1	— 1.0	35.5	— 1.9	16.0	— 4.7	25.8	a	27.0	— 1.5	a	14.8	— 2.7	a	19	— 9
	Kharga	a	1001.6	— 0.7	1009.7	— 0.6	37.1	— 0.6	20.0	— 1.4	28.6	a	25.3	— 0.7	a	16.2	— 2.4	a	22	—10
RED SEA	Suez	c	1011.2	+ 0.1	1012.4	+ 0.1	32.7	+ 0.1	17.5	— 1.0	25.1	c	25.0	+ 0.5	c	19.8	+ 1.0	e	60	+ 5
	Abu Redes	a	1009.4	—	1009.8	—	30.1	—	21.0	—	25.6	a	24.8	—	a	18.5	—	a	52	—
	Tor	a	1008.5	— 0.8	1008.9	— 0.8	31.2	— 0.4	20.8	+ 0.3	26.0	a	25.2	— 0.2	a	19.1	— 1.5	a	54	— 9
	Hurghada	a	1009.1	+ 0.2	1009.3	+ 0.2	29.2	— 0.2	20.5	— 0.3	24.8	a	25.9	+ 0.1	a	17.6	— 1.0	a	41	— 6
	Quseir	a	1007.9	— 0.7	1008.9	— 0.7	29.1	— 1.4	20.7	— 2.4	24.9	a	25.9	— 0.7	a	18.7	— 1.3	a	47	— 5
	Abul Kizan	c	1008.9	—	1009.5	—	29.4	— 0.2	25.1	+ 0.1	27.2	c	25.8	— 1.3	c	22.8	— 1.5	e	74	— 3

a = the 24 hours mean. b = 8 synoptic hours mean. c = 4 main synoptic hours mean. d = 06, 12 & 18 U.T. hours mean. e = 06 & 18 U.T. hours mean.

TABLE A 4 — MAXIMUM AND MINIMUM AIR TEMPERATURES

MAY 1962

District	Station	Maximum temperature (°C)									Minimum temperature (°C)							
		Highest	Date	Lowest	Date	Number of days with maximum temperature					Highest	Date	Lowest	Date	Number of days with minimum temperature			
						>25°	>30°	>35°	>40°	>45°					<10°	<5°	<0°	<−5°
Mediterranean	Sallum	33.0	16	20.1	4	17	4	0	0	0	19.6	31	12.2	5	0	0	0	0
	Sidi Barrani	30.6	16	20.1	3	8	1	0	0	0	18.0	22	9.9	5	1	0	0	0
	Mersa Matruh (A)	33.4	21	21.4	7	11	3	0	0	0	18.7	22	10.5	5	0	0	0	0
	Ras El Hikma	26.1	16	18.9	3	2	0	0	0	0	20.2	31	13.5	5,11	0	0	0	0
	Dabaa	34.5	2	21.1	4	12	1	0	0	0	18.2	18	9.2	5	1	0	0	0
	Dekheila (A)	38.8	2	21.7	5	8	1	1	0	0	20.6	30	11.9	11	0	0	0	0
	Alexandria (A)	35.9	2	22.7	8	23	2	1	0	0	19.7	30	11.5	12	0	0	0	0
	Balteam	31.8	2	21.5	4	24	2	0	0	0	20.0	31	15.1	6	0	1	0	0
	Damietta	31.4	16	21.0	8	24	6	0	0	0	19.2	16	11.2	5	0	0	0	0
	Port Said (A)	29.9	3	21.6	9	17	0	0	0	0	21.9	17	15.7	8	0	0	0	0
	El Arish	38.2	3	23.0	4	24	2	1	0	0	19.8	29	11.0	6	0	0	0	0
	Ghazza	38.5	3	21.0	4,5,8·10	7	1	1	0	0	20.4	15	12.4	6	0	0	0	0
Lower Egypt	EL Sirw	31.2	31	22.2	8	26	5	0	0	0	18.8	16	10.3	5	0	0	0	0
	Sakha	37.8	16	25.0	8,9	29	19	4	0	0	18.1	16	9.0	5	1	0	0	0
	Mansoura	36.6	16	23.5	8	29	19	1	0	0	15.6	18	8.6	5	1	0	0	0
	Damanhour	36.6	16	22.9	8	27	9	2	0	0	16.9	18,22	10.6	5	0	0	0	0
	Gimmeiza	38.0	16	24.5	9	29	21	4	0	0	16.0	18,31	10.0	5	0	0	0	0
	Tanta	38.3	16	24.5	8	30	22	4	0	0	17.3	31	10.6	5	0	0	0	0
	Tahrir	38.4	16	25.1	9	31	23	3	0	0	17.0	18,31	10.6	5	0	0	0	0
	Shebin El Kom	38.2	16	24.4	9	29	20	3	0	0	16.5	15,16,23,29	10.1	5	0	1	0	0
	Zagazig	36.5	16	23.4	9	29	19	3	0	0	18.0	26	11.4	5	0	0	0	0
	Abu Sueir (A)	37.6	16	25.3	8	31	25	6	0	0	18.8	23	12.9	5	0	0	0	0
	Zaher (A)	37.7	16	24.7	8	30	25	5	0	0	18.9	23	12.0	5	0	0	0	0
	Wadi EL Natrun	40.7	16	24.9	9	30	22	6	1	0	17.5	31	9.5	5	1	0	0	0
	Inshas (A)	36.5	2	23.9	9	29	20	1	0	0	21.0	2	15.0	11,12	0	0	0	0
	Fayed (A)	38.5	16	26.7	8	31	24	6	0	0	20.7	31	12.7	11	0	0	0	0
	Kabrit (A)	38.7	16	25.5	9	31	22	5	0	0	19.5	1	13.0	6	0	0	0	0
	Delta Barrage	38.0	16	25.0	9	30	23	4	0	0	16.6	23	10.5	5	0	0	0	0
Cairo Area	Cairo A)	39.0	16	24.7	9	30	23	4	0	0	20.8	2	13.4	5	0	0	0	0
	Mostafa Helmi (A	36.6	2	23.3	8	27	17	2	0	0	19.2	2	11.0	5	0	0	0	0
	Almaza (A)	38.5	16	23.8	8	29	23	4	0	0	19.2	2	13.0	5	0	0	0	0
	Abbasiya (H.Q)	39.3	16	24.6	8	30	25	7	0	0	19.5	2	13.2	5	0	0	0	0
	Imbaba A)	38.6	16	25.2	9	31	23	6	0	0	18.3	23	10.5	5	0	0	0	0
	Giza	38.5	2·16	24.9	8	30	23	3	0	0	18.9	23	10.9	5	0	0	0	0
	Helwan	40.2	16	24.7	8	29	24	7	1	0	22.1	17	11.7	5	0	0	0	0

TABLE A 4 (*cont'd.*) MAXIMUM AND MINIMUM AIR TEMPERATURES

MAY 1962

District	Station	Maximum temperature (°C)									Minimum temperature (°C)							
		Highest	Date	Lowest	Date	Number of days with maximum temperature					Highest	Date	Lowest	Date	Number of days with minimum temperature			
						>25°	>30°	>35°	>40°	>45°					<10°	<5°	<0°	<−5°
Upper Egypt	Fayoum	40.7	16	25.5	8	31	25	8	1	0	20.0	1	12.5	5	0	0	0	0
	Beni Suef	42.0	16	26.4	8,9	31	25	8	1	0	20.0	1	11.7	5	0	0	0	0
	Seds	41.0	16	26.5	9	31	25	8	1	0	20.5	1	10.0	6	0	0	0	0
	Minya (A)	41.8	16	26.0	9	31	25	11	2	0	20.5	2	10.0	6	0	0	0	0
	Mallawi	41.8	16	27.8	9	31	26	11	3	0	19.2	3	10.6	6	0	0	0	0
	Mangabad (A	42.8	17	26.8	9	31	25	16	5	0	21.5	1,3	13.7	6	0	0	0	0
	Shandaweel	43.0	17	28.8	9	31	29	22	2	0	24.0	3	10.5	6	0	0	0	0
	Nag Hammadi	43.7	17	28.4	8	31	29	[illegible]	4	0	22.5	3	13.5	6	0	0	0	0
	Kena	42.8	17	29.0	8,9	31	29	23	4	0	24.5	16	14.9	9	0	0	0	0
	Luxor (A)	44.5	2,17	28.8	9	31	29	25	8	0	23.5	24	12.7	6	0	0	0	0
	Kom Ombo	44.2	16	31.2	9	31	31	26	16	0	23.4	18	12.2	6	0	0	0	0
	Aswan (A)	43.8	2	30.2	9	31	31	25	11	0	25.3	1	16.1	6	0	0	0	0
Western Desert	Siwa	39.0	1	26.7	7	31	24	14	0	0	19.0	22	9.0	10	1	0	0	0
	Bahariya	42.2	16	24.7	7	29	25	7	1	0	22.8	2	11.4	10	0	0	0	0
	Farafra	42.4	2	26.2	7,9	31	27	10	1	0	21.7	2	12.2	8	0	0	0	0
	Dakhla	43.6	2	27.5	8	31	28	19	5	0	24.8	18	9.3	9	1	0	0	0
	Kharga	45.0	2	29.0	8	31	28	24	7	0	25.8	18	11.0	6	0	0	0	0
Red Sea	Suez	40.4	16	26.9	5	31	25	7	1	0	21.7	17	13.8	5	0	0	0	0
	Abu Redes	37.5	1	25.1	10	31	14	3	0	0	23.2	2	15.5	6	0	0	0	0
	Tor	37.4	17	25.9	10	31	20	5	0	0	24.4	3	13.8	6	0	0	0	0
	Hurghada	37.5	16	26.6	8	31	13	1	0	0	25.8	17	13.5	6	0	0	0	0
	Quseir	38.5	1	26.1	5	31	6	1	0	0	25.8	18	17.8	6	0	0	0	0
	Abul Kizan	32.2	2	25.9	8	31	4	0	0	0	27.4	14	23.4	6	0	0	0	0

TABLE A 5. — RAINFALL AND SNOW DEPTH

MAY 1962

District	Station	Rainfall (millimetres)											Snow depth (centimetres)	
		Total amount	Dev. from normal	Maximum fall in one day		Number of days with amount of rain							Maximum depth	Date
				Amount	Date	0.1	0.1	1.0	5.0	10	2	0		
Mediterranean	Sallum	0.1	— 4.3	0.1	1	1	1	0	0	[illegible]	[illegible]	[illegible]	[illegible]	
	Sidi Barrani	0.[illegible]	2.[illegible]	0.1	1	1	1	0	0	[illegible]	[illegible]	[illegible]	[illegible]	—
	Mersa Matruh (A)	0.5	1.[illegible]	0.3	7	0	2	0	0	0	[illegible]	[illegible]	[illegible]	—
	Ras El Hikma	0.1	—	0.3	7	1	1	0	0	0	[illegible]	[illegible]	0	—
	Dabaa	0.3	— 1.[illegible]	0.3	7	0	1	0	0	0	[illegible]	[illegible]	0	—
	Dekheila (A)	0.7	—	0.7	7	1	1	0	0	0	[illegible]	[illegible]	0	—
	Alexandria (A)	5.3	+4.[illegible]	2.9	8	1	2	2	0	0	[illegible]	[illegible]	0	—
	Balteam	0.0	—	0.0	—	0	0	0	0	0	[illegible]	[illegible]	—	—
	Damietta	3.5	+ 1.6	3.3	8	0	2	1	0	0	0	0	0	—
	Port Said (A)	0.4	— 3.1	0.4	9	0	1	0	0	0	0	0	0	—
	El Arish	1.1	— 2.0	1.0	9	0	2	1	0	0	0	0	0	—
	Ghazza	4.3	—	2.5	7	0	2	2	0	0	0	0	0	—
	Fuka	0.0	— 4.0	0.0	—	0	0	0	0	0	0	0	0	—
	Hammam	2.0	+ 2.0	2.0	7	0	1	1	0	0	0	0	0	—
	Borg El Arab	2.0	[illegible]	1.5	8	0	2	1	0	0	0	0	0	—
	Mex	7.9	+ 6.9	7.9	7	0	1	1	1	0	0	0	0	—
	Tolombat El Tabia	2.0	+ [illegible]	2.0	7	0	1	1	0	0	0	0	0	—
	Kom El Tarfaia	0.0	— 1.0	0.0	—	0	0	0	0	0	0	0	[illegible]	—
	Rosetta L.H.	1.8	+ 0.8	1.8	7	0	1	1	0	0	0	0	0	—
	Borollos LH	0.0	— 0.2	0.0	—	0	0	0	0	0	0	0	0	—
	Dameitta L.H.	Tr.	— 2.0	Tr.	7,8,9	3	0	0	0	0	0	0	0	—
Lower Egypt	El Sirw	2.5	— 1.3	1.5	9	0	2	2	0	0	0	0	0	—
	Sakha	0.0	— 2.6	0.0	—	0	0	0	0	0	0	0	0	—
	Mansoura	4.3	— 0.2	3.6	9	0	3	1	0	0	0	0	0	—
	Damanhour	Tr.	— 3.6	Tr	7,8,9	3	0	0	0	0	0	0	0	—
	Gimmeiza	0.0	— 3.5	0.0	—	0	0	0	0	0	0	0	0	—
	Tanta	0.0	— 4.5	0.0	—	0	0	0	0	0	0	0	0	—
	Tahrir	Tr.	—	Tr.	8·9	2	0	0	0	0	0	0	0	—
	Shebin El Kom	0.3	— 2.1	0.3	9	1	1	0	0	0	0	0	0	—
	Zagazig	0.0	— 1.3	0.0	—	0	0	0	0	0	0	0	0	—
	Abu Sueir (A)	0.4	—	0.4	6	3	1	0	0	0	0	0	0	—
	Zaher (A)	Tr.	—	Tr.	8,9	2	0	0	0	0	0	0	0	—
	Wadi El Natrun	Tr.	— 2.1	Tr.	9	1	0	0	0	0	0	0	0	—
	Inshas (A)	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Fayed (A)	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Kabrit (A)	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Delta Barrage	0.0	— 0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Tolombat El Boseili	1.0	— 1.0	1.0	7	0	1	1	0	0	0	0	0	—
	Kafr El Dawar	2.0	+ 1.0	1.0	7	0	3	1	0	0	0	0	0	—
	Kafr El Sheikh	0.0	— 3.0	0.0	—	0	0	0	0	0	0	0	0	—
	Kafr El Zayat	0.0	— 2.0	0.0	—	0	0	0	0	0	0	0	0	—
	Faqus	0.0	— 2.0	0.0	—	0	0	0	0	0	0	0	0	—
Cairo Area	Cairo (A)	Tr.	— 0.0	Tr.	2	1	0	0	0	0	0	0	0	—
	Mostafa Helmi (A)	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Almaza (A)	Tr.	— 2.0	Tr.	2	0	0	0	0	0	0	0	0	—
	Abbasiya (H.Q)	Tr.	—	Tr.	2,6	2	0	0	0	0	0	0	0	—
	Imbaba (A)	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Giza	Tr.	— 1.9	Tr.	1,2	2	0	0	0	0	0	0	0	—
	Helwan	0.0	— 2.9	0.0	—	0	0	0	0	0	0	0	0	—

Table A 7.—SOIL TEMPERATURE (°C) AT SELECTED DEPTHS AT FIXED HOURS

MAY 1962

District	Station	Depth in centimetres	0000 U.T. Mean	0000 U.T. Highest Value	0000 U.T. Highest Date	0000 U.T. Lowest Value	0000 U.T. Lowest Date	0600 U.T. Mean	0600 U.T. Highest Value	0600 U.T. Highest Date	0600 U.T. Lowest Value	0600 U.T. Lowest Date	1200 U.T. Mean	1200 U.T. Highest Value	1200 U.T. Highest Date	1200 U.T. Lowest Value	1200 U.T. Lowest Date	1800 U.T. Mean	1800 U.T. Highest Value	1800 U.T. Highest Date	1800 U.T. Lowest Value	1800 U.T. Lowest Date
Mediterranean	Sidi Barrani	5	—	—	—	—	—	20.0	22.4	17	16.8	5	28.5	31.8	20	23.0	7	24.2	27.5	31	21.0	5,7
		10	—	—	—	—	—	21.0	23.0	17,31	18.5	5	25.4	28.0	31	22.3	4	25.0	28.0	31	21.5	7
		20	—	—	—	—	—	22.4	24.0	28,31	20.2	5	23.4	25.5	31	21.5	5,7,8	24.6	27.0	31	22.0	7
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Mersa Matruh (A)	5	21.8	25.5	22	19.0	10	20.6	24.0	22	17.5	5	34.9	39.0	15,16	27.0	7	28.5	31.5	29	23.0	7
		10	23.8	28.0	18	21.0	10	21.5	24.7	22	19.0	5	28.7	32.0	28	19.2	2	29.0	32.0	28	24.0	7
		20	25.5	27.8	30	23.0	5,10	23.6	26.2	31	21.5	10	24.7	27.6	31	22.0	8	27,3	29.5	30,31	23.8	7
		50	24.4	26.5	29,30,31	21.4	7	24.4	26.5	31	22.5	8	24.2	27.1	31	22.4	5	24.7	26.5	29	21.9	1
		100	22.3	26.3	25	21.3	1·2	22.1	23.5	29,31	21.2	5	22.2	23.5	31	21.2	8	22.3	23.5	30,31	21.2	1
		200	22.1	26.1	25	21.2	20	21.9	22.6	29	21.0	4	22.0	23.2	22	21.0	5	22.0	22.8	22	21.3	1
	Ras El Hikma.	5	—	—	—	—	—	19.2	22.0	31	17.0	7,11	27.9	31·0	31	22.0	6	22.7	25.5	31	19.8	7
		10	—	—	—	—	—	16.2	22.0	31	17.2	5	24.8	27.6	31	20.0	6	23.4	25.5	30	20.0	7
		20	—	—	—	—	—	19.7	22.8	25	18.0	5	22.6	24.8	31	19.2	6	22.4	24.8	31	19.5	8
		50	—	—	—	—	—	21.2	23.0	31	18.8	7	21.2	22.9	31	19.6	7	21.2	23.0	31	19.6	1
		100	—	—	—	—	—	19.9	21.2	27,30,31	18.9	1,2,13	20.0	21.3	27	18.9	1	20.0	21.3	27	18.9	1
		200	—	—	—	—	—	19.1	19.6	30,31	18.4	7	19.1	19.6	30,31	18.7	1,2,3	19.1	19.6	30·31	18.6	6
	Alexandria (A)	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	25.8	28.0	30	23.9	12	25.9	28.1	31	23.0	7	25.9	28.0	31	23,7	9	26.0	28.0	31	24.0	9
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	El Arish	5	20.1	22.8	3,29	16.6	6	23.7	27.0	29	20.3	5	39.5	42.6	31	35.0	8	26.0	29.0	31	22.8	5
		10	22.9	25.4	29	20.0	14	22.4	25.0	3	19.2	6	34.2	36.8	31	30.4	8	29.2	32.2	31	26.6	5,8
		20	25.9	28.4	31	22.4	14	24.4	26.2	29,31	22.1	6	27.1	29.2	31	24.6	5	29.0	31.2	31	27.1	8
		50	26.0	27.3	29	24.0	3	26.1	27.7	30	24.4	1	26.0	27.6	31	24.2	1	26.0	27.4	29,30	24.3	1,2
		100	24.3	25.8	31	22.9	1	24.4	25.8	31	23.0	1	24.4	25.8	30,31	22.5	1	24.4	25.8	31	23.0	1
		200	22.9	24.0	30,31	22.0	1,2	23.0	24.0	31	22.0	1	23.0	24.0	30,31	22.0	1	22.9	24.0	29,31	22.0	1,2,4
	Ghazza	5	23.7	26.1	19,29	20.0	11	23.7	26.0	19	20.0	6	34.5	37.8	17,31	29.2	9	28.6	35.0	16	24.8	10
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	24.9	27.5	31	22.5	1	24.9	27.5	31	22.5	10,12	25.2	28.0	31	22.0	1	24.9	27.8	31	22.2	1,9
		100	23.9	26.0	31	22.3	1	24.2	26.0	31	22.3	4	24.2	26.0	29,30,31	22.0	1	23.9	26.2	31	22.0	1,2,3
		200	24.0	25.4	28	22.7	2	24.0	25.2	23	23.0	2,4	24.4	27.5	30	22.6	3	23.9	25.5	31	23.0	*

Table A 7. (Contd)—**SOIL TEMPERATURE (°C) AT SELECTED DEPTHS AT FIXED HOURS**

MAY 1962

District	Station	Depth in centimetres	0000 U.T.					0600 U.T.					1200 U.T.					1800 U.T.				
			Mean	Highest		Lowest		Mean	Highest		Lowest		Mean	Highest		Lowest		Mean	Highest		Lowest	
				Value	Date	Value	Date		Value	Date	Value	Date		Value	Date	Value	Date		Value	Date	Value	Date
Lower Egypt	Sakha	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	—	—	—	—	—	21.7	22.5	*	21.2	*	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	22.1	23.5	*	20.5	*	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gimmeiza	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	23.4	25.5	23,30,31	20.0	11	29.9	33.0	22,31	25.0	7,8,9	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	24.8	26.5	*	22.4	13	25.3	28.0	18	23.5	1,11	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Tanta	5	—	—	—	—	—	23.2	25.7	31	20.2	7	29.9	33.2	31	23.5	9	27.9	31.1	31	23.2	8
		10	—	—	—	—	—	25.7	28.4	31	22.4	9	29.0	31.8	31	23.2	9	29.2	32.2	31	23.8	9
		20	—	—	—	—	—	25.2	27.5	31	22.3	10	25.4	27.8	31	22.5	9,10	26.3	29.0	31	23.0	8,9
		50	—	—	—	—	—	26.9	29.1	31	24.8	1	26.8	29.0	31	24.7	10	26.7	28.9	31	24.6	10
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Tahrir	5	—	—	—	—	—	23.6	25.9	26,27	20.9	4,5	40.4	44.4	26	30.7	6	28.1	32.1	31	22.6	9
		10	—	—	—	—	—	22.7	25.0	31	19.5	5	34.3	37.2	31	27.9	9	30.6	34.1	31	25.0	6
		20	—	—	—	—	—	25.1	27.2	31	21.9	10	27.7	30.1	31	23.8	9	29.7	32.4	31	25.2	9
		50	—	—	—	—	—	26.3	28.4	31	23.7	10	25.9	28.0	31	23.3	10	26.3	28.3	31	23.8	9,10
		100	—	—	—	—	—	24.8	26.5	30,31	23.2	1	—	—	—	—	—	24.9	26.5	30,31	23.2	1
		200	—	—	—	—	—	23.2	24.4	31	22.4	*	—	—	—	—	—	23.3	24.4	30·31	22.4	1·2·3
	Delta Barrage	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	26.3	28.0	22·31	24.5	1,10	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	24.1	25.2	31	23.0	*	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	22.3	23.0	29,30	22.0	*	—	—	—	—	—	—	—	—	—	—

* More than 3 days.

Table A 7. *(contd.)*—**SOIL TEMPERATURE (°C) AT SELECTED DEPHTS AT FIXED HOURS**
MAY 1962

District	Station	Depth in centimetres	0000 U.T.					0600 U.T.					1200 U.T.					1800 U.T.				
			Mean	Highest		Lowest		Mean	Highest		Lowest		Mean	Highest		Lowest		Mean	Highest		Lowest	
				Value	Date	Value	Date		Value	Date	Value	Date		Value	Date	Value	Date		Value	Date	Value	Date
Cairo Area	Giza	5		—	—	—	—	25.1	27.3	29	21.3	9	38.1	41.7	26	30.0	8	31.5	34.2	26,31	25.9	8
		10	—	—	—	—	—	25.8	27.8	27,31	22.4	9	31.0	33.6	26	26.8	8	31.5	33.8	26	27.0	8
		20	—	—	—	—	—	27.6	29.4	27,28	25.1	9	27.7	29.6	27,31	25.2	8	28.8	30.7	31	26.2	9
		50	—	—	—	—	—	27.3	29.2	29	25.7	1	27.3	29.1	31	25.7	1·11	27.2	29.1	30,31	25.6	1
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Upper Egypt	Seds	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	22.4	24.2	31	21.4	1·2	22.4	24.2	31	21.4	1·2	22.5	24.2	31	21.4	1·2
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Minya (A)	5	27.7	30·3	18	24.0	6,9	25.0	27.0	19,26	21.9	6	33.2	38.0	1	30.0	7,9,10	30.6	33.0	26	27.4	10
		10	29.8	32·9	26	27.0	9,10	27.7	29.8	26	25.0	6,11,12	31.6	36.9	1	28.9	10	31.8	34.5	26	29.0	10
		20	29.2	31·0	26,28	27.0	9,10	28.2	30.7	26	25.7	6	28.8	30.8	26	27.0	9,11	29.5	32.0	24	27.9	9,10
		50	28.7	30·5	28	26.7	1	28.7	30.3	27	26.8	1	28.7	30.5	29	26.7	1	28.8	30.6	29	26.8	1
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Mallawi	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	24·5	25.5	29,30,31	22.9	1	24.5	25.5	29,30,31	22.9	1	24.5	25.5	29,30,31	22.9	1
		100	—	—	—	—	—	22·0	23.5	30,31	21.2	1·2·3	22.0	23.5	30,31	21.2	1,2,3	22.1	23.5	30,31	21.2	1,2,3
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Shandaweel	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	—	—	—	—	—	29.2	30.5	17,18,23	26.0	11,12	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	26.6	28.0	12	25.0	1	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

* More than 3 days.

TABLE A 7 (*contd.*)— SOIL TEMPERATURES (°C) AT SELECTED DEPTHS AT FIXED HOURS
MAY 1962

District	Station	Depth in centimetres	0000 U.T.					0600 U.T.					1200 U.T.					1800 U.T.				
			Mean	Highest		Lowest		Mean	Highest		Lowest		Mean	Highest		Lowest		Mean	Highest		Lowest	
				Value	Date	Value	Date		Value	Date	Value	Date		Value	Date	Value	Date		Value	Date	Value	Date
Upper Egypt (*contd.*)	Kom Ombo	5	—	—	—	—	—	27.3	31.0	18	23.6	6	55.0	60.0	*	43.8	9	35.9	39.7	3	31.8	9
		10	—	—	—	—	—	28.1	30.8	19	25.8	6	41.0	45.0	22,24	35.8	9	36.2	39.6	24	31.7	25
		20	—	—	—	—	—	30.5	32.0	24,25	28.6	11	31.1	33.5	25	29.5	9,11	31.9	33.5	24	30.0	9,11
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Aswan (A)	5	27.6	33.2	14	21.4	9	27.2	29.4	17,18	22.8	6	45.1	48.8	30	31.5	4	35.4	38.6	16,31	28.0	8
		10	31.5	34.2	4,24	25.0	11	28.1	30.8	28	23.0	6	37.1	44.6	7	31.1	10	37.5	40.4	30,31	31.0	11
		20	33.3	35.2	28,31	30.0	7,11	31.4	36.5	28	28.0	6,9	31.9	34.0	4	28.8	11	34.3	38.3	30	30.6	10
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Western Desert	Siwa	5	25.7	—	—	—	—	23.8	—	—	—	—	30.6	—	—	—	—	29.9	—	—	—	—
		10	26.5	—	—	—	—	24.4	—	—	—	—	28.7	—	—	—	—	29.5	—	—	—	—
		20	27.2	—	—	—	—	25.4	—	—	—	—	27.3	—	—	—	—	28.7	—	—	—	—
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bahariya	5	25.8	30.0	17	21.0	9	23.4	27.4	2	19.0	9	34.7	41.8	1	25.5	10	31.1	36.0	16	22.3	10
		10	28.2	31.0	17	23.6	12	25.4	29.0	2	21.6	9	30.8	33.8	24	24.6	10	31.7	34.0	1,16,22	27.2	10
		20	29.5	32.0	24	26.9	9	27.3	30.0	24	24.8	11	28.4	30.2	17	25.4	11	30.1	31.6	22,23	26.9	11
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Farafra	5	21.9	24.8	17	18.6	10	20.9	23.0	2,28	16.6	11	27.5	29.3	16	24.1	8	24.5	27.1	17,18	20.8	8,9
		10	23.5	25.7	17	20.3	10	22.3	24.1	17	19.2	9	26.0	27.6	17,28,29	22.8	8	25.5	28.0	17	22,0	9
		20	25.7	27.8	18	21.9	14	24.9	26.7	17,31	22.1	10	25.5	27.0	*	22.8	9,10	26.7	28.6	17	23.7	9
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

* More than 3 days.

Table A 8—FREQUENCY OF OCCURRENCE OF MISCELLANEOUS WEATHER PHENOMENA.

MAY 1962

District	Station	Precipitation				Frost	Thunderstorm	Mist vis. ≥ 1000 metres.	Fog vis. < 1000 metres.	Haze vis. ≥ 1000 metres	Thick haze vis < 1000 metres.	Dust rising/Sand rising vis ≥ 1000 metres.	Duststorm/Sandstorm vis < 1000 metres.	Drifting Snow		Blowing Snow		Gales	Clear Sky	Cloudy Sky
		Rain	Snow	Ice pellets	Hail									Slight/moderate vis. below eye level ≥ 1000 metres	Heavy vis. below eye level < 1000 metres (snow storm)	Slight/moderate vis. below eye level ≥ 1000 metres	Heavy vis. below eye level < 1000 metres (snow storm)			
Mediterranean	Sallum	1	0	0	0	0	0	1	0	1	0	2	0	0	0	0	0	0	18	0
	Sidi Barrani	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	—
	Mersa Matruh (A)	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	22	0
	Ras El Hikma	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	—	—
	Dabaa	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	—
	Dekheila (A)	1	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	22	0
	Alexandria (A)	2	0	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	19	0
	Balteiam	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	—	—
	Dam etta	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	—
	Port Said (A)	1	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	24	0
	El Arish	2	0	0	0	0	0	7	3	0	0	4	1	0	0	0	0	0	13	0
	Ghazza	2	0	0	0	0	0	3	2	2	0	1	0	0	0	0	0	0	15	0
Lower Egypt	El Sirw	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sakha	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Mansoura	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	—
	Damanhour	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gimmeiza	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Tanta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	—
	Tahrir	0	0	0	0	0	0	6	5	1	0	3	0	0	0	0	0	0	—	—
	Shebin El Kom	1	0	0	0	0	0	3	1	0	0	2	0	0	0	0	0	0	—	—
	Zagazig	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Abu Sueir (A)	1	0	0	0	0	0	14	0	3	0	5	0	0	0	0	0	0	23	0
	Zaher (A)	0	0	0	0	0	0	4	0	4	0	3	0	0	0	0	0	0	—	—
	Wadi El Natrun	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	—	—
	Inshas (A)	0	0	0	0	0	0	0	0	11	0	5	0	0	0	0	0	1	24	0
	Fayed (A)	0	0	0	0	0	0	0	0	1	0	3	0	0	0	0	0	0	—	—
	Kabrit (A)	0	0	0	0	0	0	0	0	1	0	3	0	0	0	0	0	0	—	—
	Delta Barrage	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cairo Area	Cairo (A)	0	0	0	0	0	0	8	2	5	0	3	0	0	0	0	0	0	24	0
	Mostafa Helmi (A)	0	0	0	0	0	0	7	3	3	0	4	0	0	0	0	0	0	27	0
	Almaza (A)	0	0	0	0	0	0	7	1	13	0	3	0	0	0	0	0	0	24	0
	Abbasiya (H.Q.)	0	0	0	0	0	0	1	1	3	0	1	0	0	0	0	0	0	26	0
	Imbaba (A)	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0	0	—	—
	Giza	0	0	0	0	0	0	2	0	2	0	2	0	0	0	0	0	0	—	—
	Helwan	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	25	0

Table A 8 (*contd.*)—FREQUENCY OF OCCURRENCE OF MISCELLANEOUS WEATHER PHENOMENA.

MAY 1962

District	Station	Precipitation				Frost	Thunderstorm	Mist vis. ≥ 1000 metres.	Fog vis. < 1000 metre.	Haze vis. > 1000 metres	Thick haze vis. < 1000 metres.	Dust rising/Sand rising vis > 1000 metres.	Dust-storm Sandstorm vis < 1000 metres.	Drifting Snow		Blowing Snow		Gales	Clear Sky	Cloudy Sky
		Rain	Snow	Ice pellets	Hail									Slight/moderate vis. below eye level ≥ 1000 metres	Heavy vis. below eye level < 1000 metres (snow storm)	Slight/moderate vis. below eye level ≥ 1000 metres	Heavy vis. below eye level < 1000 metres (snow storm)			
Upper Egypt	Fayoum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	—
	Beni Suef	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	—	—
	Seds	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Minya (A)	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	30	0
	Mallawi	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Asyout (Mangabad)(A)	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	29	0
	Shandaweel	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Nag Hammadi	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kena	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Luxor (A)	0	0	0	0	0	0	0	0	4	0	7	1	0	0	0	0	0	25	0
	Kom Ombo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	—
	Aswan (A)	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	23	0
Western Desert	Siwa	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	28	0
	Bahariya	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	29	0
	Farafra	0	0	0	0	0	0	0	0	2	0	4	1	0	0	0	0	1	—	—
	Dakhla	0	0	0	0	0	0	0	0	0	0	5	1	0	0	0	0	0	29	0
	Kharga	0	0	0	0	0	0	0	0	1	0	2	1	0	0	0	0	1	28	0
Red Sea	Suez	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Abu Redes	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	—	—
	Tor	0	—	—	0	0	0	0	0	7	0	3	0	0	0	0	0	0	27	0
	Hurghada	0	0	0	0	0	0	0	0	2	0	5	0	0	0	0	0	2	27	1
	Quseir	0	0	0	0	0	0	0	0	12	0	11	0	0	0	0	0	0	23	1
	Abul Kizan	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

TABLE A 9.—NUMBER IN HOURS OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION RECORDED WITHIN SPECIFIED RANGES

MAY — 1962

District	Station	Number in hours of calm winds	Number in hours of variable winds	Number in hours of unrecorded winds	Wind speed in knots	Number in hours of occurrences of wind blowing from the ranges of directions indicated												All directions
						345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	
Mediterranean	Sidi Barrani	14	0	2	1—10	60	52	42	16	23	41	27	13	27	27	65	109	502
					11—27	13	2	6	7	0	0	0	1	1	1	76	119	226
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**73**	**54**	**48**	**23**	**23**	**41**	**27**	**14**	**28**	**28**	**141**	**228**	**728**
	Mersa Matruh (A)	19	5	6	1—10	77	12	17	13	21	14	20	7	56	67	36	57	397
					11—27	41	18	6	5	5	1	0	3	6	15	46	171	317
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**118**	**30**	**23**	**18**	**26**	**15**	**20**	**10**	**62**	**82**	**82**	**228**	**714**
	Dekheila (A)	7	0	0	1—10	177	109	63	14	12	8	11	2	5	12	56	135	604
					11—27	30	7	0	2	0	2	0	2	1	5	25	59	133
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**207**	**116**	**63**	**16**	**12**	**10**	**11**	**4**	**6**	**17**	**81**	**194**	**737**
	Alexandria (A)	40	3	0	1—10	87	42	19	17	18	4	2	3	11	46	121	244	604
					11—27	5	3	2	1	0	0	2	2	3	10	32	37	97
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**92**	**45**	**21**	**8**	**18**	**4**	**4**	**5**	**14**	**56**	**153**	**281**	**701**
	Port Said (A)	6	0	0	1—10	162	84	42	5	9	9	1	10	26	36	17	52	453
					11—27	106	17	6	14	6	3	3	1	21	11	31	66	285
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**268**	**101**	**48**	**19**	**15**	**12**	**4**	**11**	**47**	**47**	**48**	**118**	**738**
	El Arish	4	12	0	1—10	111	42	10	9	6	73	66	56	60	22	58	163	676
					11—27	4	1	2	2	0	1	1	0	3	7	18	14	52
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**115**	**42**	**12**	**11**	**6**	**74**	**67**	**56**	**63**	**29**	**76**	**177**	**728**
	Ghazza	0	5	5	1—10	78	27	22	18	27	113	36	11	34	53	92	97	608
					11—27	25	8	2	1	3	2	1	1	19	11	19	34	126
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**103**	**35**	**24**	**19**	**30**	**115**	**37**	**12**	**53**	**64**	**111**	**131**	**734**
Lower Egypt	Mansoura	23	9	5	1—10	135	58	13	11	11	4	6	26	52	57	72	102	547
					11—27	35	36	4	9	0	1	1	4	9	6	20	35	160
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**170**	**94**	**17**	**20**	**11**	**5**	**7**	**30**	**61**	**63**	**92**	**137**	**707**
	Tanta	78	0	2	1—10	85	65	33	16	22	4	2	24	42	55	111	128	587
					11—27	10	8	1	0	0	0	0	3	4	7	13	31	77
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**95**	**73**	**34**	**16**	**22**	**4**	**2**	**27**	**46**	**62**	**124**	**159**	**664**
	Abu Sueir (A)	125	1	0	1—10	48	98	31	14	13	13	3	1	34	41	29	50	375
					11—27	23	103	23	0	3	3	1	1	12	27	14	33	243
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**71**	**201**	**54**	**14**	**16**	**16**	**4**	**2**	**46**	**68**	**43**	**83**	**618**
	Zaher (A)	66	10	4	1—10	144	76	20	10	12	3	2	18	54	42	47	94	522
					11—27	35	24	1	2	6	7	1	11	12	11	20	12	142
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**179**	**100**	**24**	**12**	**18**	**10**	**3**	**29**	**66**	**53**	**67**	**106**	**664**

TABLE A 9 (*contd.*)— NUMBER IN HOURS OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION RECORDED WITHIN SPECIFIED RANGES

MAY — 1962

District	Station	Number in hours of calm winds	Number in hours of variable winds	Number in hours of unrecorded winds	Wind speed in knots	Number in hours of occurrences of wind blowing from the ranges of directions indicated												All directions
						345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	
Cairo Area	Cairo . . . . . (A)	4	7	104	1—10	125	105	55	18	5	4	3	10	6	16	4[illegible]	58	449
					11—27	46	61	7	1	10	2	4	7	11	10	1[illegible]	10	180
					28—47	0	0	0	0	0	0	6	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**171**	**166**	**62**	**19**	**15**	**6**	**7**	**17**	**17**	**26**	**55**	**68**	**629**
	Mostafa Helmi . (A)	1	0	0	1—10	54	65	16	9	14	5	1	1	4	13	30	40	252
					11—27	115	189	29	9	3	4	2	7	4	9	29	91	491
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**169**	**254**	**45**	**18**	**17**	**9**	**3**	**8**	**8**	**22**	**59**	**131**	**743**
	Almaza . . . . (A)	1	0	0	1—10	51	100	220	17	15	8	1	2	14	15	34	66	543
					11—27	12	38	89	4	2	10	2	4	6	10	16	7	200
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**63**	**138**	**309**	**21**	**17**	**18**	**3**	**6**	**29**	**25**	**50**	**73**	**743**
	Abbasiya . . . (H.Q.)	30	5	3	1—10	229	168	9	4	5	9	1	21	23	34	73	118	694
					11—27	0	7	0	0	0	0	0	3	2	0	0	0	12
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**229**	**175**	**9**	**4**	**5**	**9**	**1**	**24**	**25**	**34**	**73**	**118**	**706**
	Giza	24	3	1	1—10	166	171	22	1	3	9	10	5	5	25	38	150	605
					11—27	22	51	3	0	0	0	1	3	2	3	8	18	111
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**188**	**222**	**25**	**1**	**3**	**9**	**11**	**8**	**7**	**28**	**46**	**168**	**716**
Upper Egypt	Minya . . . . . (A)	11	4	1	1—10	156	41	1	4	3	23	10	1	3	6	26	96	370
					11—27	265	26	0	2	0	0	1	0	5	5	16	38	358
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**421**	**67**	**1**	**6**	**3**	**23**	**11**	**1**	**8**	**11**	**42**	**134**	**728**
	Luxor . . . . . (A)	35	5	1	1—10	80	63	25	16	12	13	30	72	54	48	51	138	60[illegible]
					11—27	29	9	5	2	2	0	2	1	2	0	4	45	101
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**109**	**72**	**30**	**18**	**14**	**13**	**32**	**73**	**56**	**48**	**54**	**183**	**70[illegible]**
Western Desert	Siwa	77	11	5	1—10	33	53	71	72	39	38	21	9	15	33	61	40	48[illegible]
					11—27	33	23	20	11	4	1	0	1	1	11	24	35	16[illegible]
					28—47	1	0	0	0	0	0	0	0	0	0	0	1	[illegible]
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**67**	**76**	**91**	**83**	**43**	**39**	**21**	**10**	**16**	**44**	**85**	**76**	**65[illegible]**
	Dakhla	1	7	0	1—10	56	34	17	7	7	20	15	35	28	76	116	137	54[illegible]
					11—27	38	12	0	0	3	1	2	7	2	3	11	109	18[illegible]
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**94**	**46**	**17**	**7**	**10**	**21**	**17**	**42**	**30**	**79**	**127**	**246**	**73[illegible]**
Red Sea	Hurghada	3	2	0	1—10	14	13	6	4	16	28	9	1	0	10	61	44	20
					11—27	179	9	0	0	3	6	0	0	0	1	77	243	51
					28—47	0	0	0	0	0	0	0	0	0	0	0	15	1
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	
					All speeds	**193**	**22**	**6**	**4**	**19**	**34**	**9**	**1**	**0**	**11**	**138**	**302**	**73**

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

SALLUM — MAY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	13	0	0	1—10	1	1	0	2	0	0	0	0	0	2	3	2	11
				11—27	1	0	0	0	0	0	0	0	0	1	3	2	7
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**1**	**0**	**2**	**0**	**0**	**0**	**0**	**0**	**3**	**6**	**4**	**18**
0300	17	0	0	1—10	0	0	0	1	0	0	0	0	0	2	4	4	7
				11—27	0	0	0	0	0	0	0	0	0	0	3	0	7
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				> 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**2**	**7**	**4**	**14**
0600	13	0	0	1—10	1	1	0	0	0	0	0	0	1	4	1	3	11
				11—27	0	0	0	0	0	0	0	0	0	1	4	2	7
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**5**	**5**	**5**	**18**
0900	5	0	0	1—10	2	1	2	7	1	0	0	0	0	1	0	0	14
				11—27	8	2	0	0	0	0	0	0	0	1	0	1	12
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**10**	**3**	**2**	**7**	**1**	**0**	**0**	**0**	**0**	**2**	**0**	**1**	**26**
1200	1	0	0	1—10	1	1	4	2	2	0	0	0	0	1	0	1	12
				11—27	10	4	1	1	0	0	0	0	0	0	1	1	18
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**11**	**5**	**5**	**3**	**2**	**0**	**0**	**0**	**0**	**1**	**1**	**2**	**30**
1500	0	0	0	1—10	5	2	3	2	0	0	0	0	0	0	0	0	12
				11—27	13	3	0	1	0	0	0	0	0	1	1	0	19
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**18**	**5**	**3**	**3**	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**0**	**31**
1800	9	0	0	1—10	6	2	1	3	0	0	0	0	0	1	0	1	14
				11—27	3	1	0	0	0	0	0	0	0	0	1	3	8
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**9**	**3**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**4**	**22**
2100	15	0	0	1—10	2	1	2	1	0	0	0	0	0	0	1	2	9
				11—27	2	0	0	0	0	0	0	0	0	0	3	2	7
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**1**	**2**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**4**	**4**	**16**

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

MERSA MATRUH (A) — MAY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrenses of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	6	0	0	1—10	0	0	1	1	0	2	2	1	4	7	0	3	21
				11—27	0	0	0	0	0	0	0	0	0	1	1	2	4
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	0	1	1	0	2	2	1	4	2	1	5	25
0300	1	0	0	1—10	1	0	0	0	0	3	1	1	6	7	2	0	21
				11—27	0	0	1	0	0	0	0	1	2	0	3	2	9
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	9
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	1	0	1	0	0	3	1	2	8	7	5	2	30
0600	2	0	0	1—10	0	0	0	1	1	2	1	0	0	4	6	2	17
				11—27	1	0	0	0	1	0	0	0	0	1	5	4	12
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	1	0	0	1	2	2	1	0	0	5	11	6	29
0900	0	0	0	1—10	6	1	1	0	0	0	0	0	0	0	0	3	11
				11—27	0	0	1	1	1	0	0	0	0	0	5	12	20
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	6	1	2	1	1	0	0	0	0	0	5	15	31
1200	0	0	0	1—10	0	3	0	0	0	0	0	0	0	0	0	2	5
				11—27	5	3	1	0	0	1	0	0	0	0	3	13	26
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	5	6	1	0	0	1	0	0	0	0	3	15	31
1500	0	0	0	1—10	5	1	0	0	0	0	0	0	0	0	0	0	6
				11—27	1	3	2	0	0	0	0	0	0	0	2	17	25
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	6	4	2	0	0	0	0	0	0	0	2	17	31
1800	1	0	0	1—10	3	1	3	3	0	0	0	0	0	0	6	8	24
				11—27	0	0	0	0	0	0	0	0	0	0	2	4	6
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	3	1	3	3	0	0	0	0	0	0	8	12	30
2100	5	0	0	1—10	2	0	0	1	3	0	0	0	2	7	3	3	21
				11—27	0	0	0	0	0	0	0	0	0	0	3	2	5
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	0	0	1	3	0	0	0	2	7	6	5	26

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

DEKHEILA (A) — MAY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	105 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 314	All directions
0000	2	0	0	1—10	7	4	3	2	0	1	1	0	0	1	1	6	26
				11—27	0	1	0	0	0	0	0	0	0	0	1	1	3
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				> 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**7**	**5**	**3**	**2**	**0**	**1**	**1**	**0**	**0**	**1**	**2**	**7**	**29**
0300	4	0	0	1—10	6	3	2	1	0	0	3	0	1	0	3	5	24
				11—27	1	0	0	0	0	0	0	0	0	0	1	1	3
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**7**	**3**	**2**	**1**	**0**	**0**	**3**	**0**	**1**	**0**	**4**	**6**	**27**
0600	1	0	0	1—10	3	4	3	0	0	1	0	0	0	1	4	8	24
				11—27	0	0	0	0	1	0	0	1	0	1	0	3	6
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**4**	**3**	**0**	**1**	**1**	**0**	**1**	**0**	**2**	**4**	**11**	**30**
0900	0	0	0	1—10	6	5	0	0	0	0	0	0	0	0	6	7	24
				11—27	1	0	0	0	0	1	0	0	0	1	2	2	7
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**7**	**5**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**1**	**8**	**4**	**31**
1200	0	0	0	1—10	13	2	1	0	1	0	0	0	0	0	8	3	22
				11—27	2	0	0	0	0	0	0	0	0	0	2	7	9
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**15**	**2**	**1**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**2**	**10**	**31**
1500	0	0	0	1—10	10	6	0	0	0	0	0	0	0	0	0	6	23
				11—27	3	1	0	0	1	0	0	0	0	0	1	3	8
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**13**	**7**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**6**	**1**	**9**	**31**
1800	0	0	0	1—10	11	7	3	1	0	0	0	0	0	0	0	2	24
				11—27	2	1	0	1	0	0	0	0	0	0	1	2	7
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**13**	**8**	**3**	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**4**	**31**
2100	0	0	0	1—10	9	4	4	2	0	1	0	0	0	0	2	6	28
				11—27	0	0	0	0	0	0	0	0	0	0	1	2	3
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**9**	**4**	**4**	**2**	**0**	**1**	**0**	**0**	**0**	**0**	**3**	**8**	**31**

TABLE A 10—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

ALEXANDRIA—MAY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 015	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	6	0	0	1—10	5	2	1	1	1	1	1	0	0	0	4	7	23
				11—27	1	0	0	0	0	0	0	0	1	0	0	0	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	6	2	1	1	1	1	1	0	1	0	4	7	25
0300	8	0	0	1—10	1	1	1	0	1	0	1	0	1	6	3	7	22
				11—27	1	0	0	0	0	0	0	0	0	0	0	0	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	1	1	0	1	0	1	0	1	6	3	7	23
0600	4	0	0	1—10	2	1	2	0	1	0	0	1	0	3	5	8	23
				11—27	0	0	0	0	0	0	1	1	0	0	1	1	4
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	1	2	0	1	0	1	2	0	3	6	9	27
0900	0	0	0	1—10	2	1	0	0	1	0	0	0	1	1	8	12	26
				11—27	1	0	0	0	0	0	0	0	1	1	2	0	5
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	3	1	0	0	1	0	0	0	2	2	10	12	31
1200	0	0	0	1—10	1	1	0	0	1	0	0	0	0	1	6	12	22
				11—27	1	0	0	0	0	0	0	0	0	0	6	2	9
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speds	3	1	0	0	1	0	0	0	0	1	12	14	31
1500	0	0	0	1—10	6	0	0	0	0	0	0	0	0	0	4	13	23
				11—27	1	0	0	1	0	0	0	0	0	0	3	3	8
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	7	0	0	1	0	0	0	0	0	0	7	16	31
1800	0	0	0	1—10	9	2	0	0	0	0	0	0	0	1	3	15	30
				11—27	0	0	1	0	0	0	0	0	0	0	0	0	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	9	2	1	0	0	0	0	0	0	1	3	15	31
2100	1	0	0	1—10	8	3	1	1	0	0	0	0	1	3	3	10	30
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	8	3	1	1	0	0	0	0	1	3	3	10	30

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

PORT SAID (A)—MAY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	1	0	0	1—10	3	7	4	0	1	1	0	1	0	1	1	5	24
				11—27	1	0	1	0	0	1	0	0	2	1	0	0	6
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	7	5	0	1	2	0	1	2	2	1	5	30
0300	2	0	0	1—10	5	5	3	1	0	2	0	0	1	5	0	1	23
				11—27	0	1	0	1	0	0	0	0	2	0	1	1	6
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	5	6	3	2	0	2	0	0	3	5	1	2	29
0600	0	0	0	1—10	8	2	5	0	1	0	2	0	4	2	0	3	27
				11—27	0	0	0	1	0	0	1	0	1	1	0	0	4
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	8	2	5	1	1	0	3	0	5	3	0	3	31
0900	0	0	0	1—10	15	4	1	0	0	0	0	0	3	1	0	3	27
				11—27	0	0	0	0	0	0	0	1	1	1	0	1	4
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	15	4	1	0	0	0	0	1	4	2	0	4	31
1200	0	0	0	1—10	10	2	0	0	0	0	0	0	0	0	0	0	12
				11—27	7	2	0	1	0	0	0	0	1	1	0	7	19
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	17	4	0	1	0	0	0	0	1	1	0	7	31
1500	0	0	0	1—10	2	0	1	0	0	0	0	0	0	0	0	0	3
				11—27	16	2	1	0	0	0	0	0	0	0	1	8	28
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	18	2	2	0	0	0	0	0	0	0	1	8	31
1800	0	0	0	1—10	5	2	1	0	0	0	0	0	0	0	0	1	9
				11—27	10	2	0	1	0	0	0	0	0	0	5	4	22
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	15	4	1	1	0	0	0	0	0	0	5	5	31
2100	1	0	0	1—10	7	7	1	1	0	0	0	0	0	2	0	4	22
				11—27	1	1	0	0	1	0	0	0	0	1	1	3	8
				28—47	0	0	0	0	0	0	0	0	0	1	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	8	8	1	1	1	0	0	0	0	3	1	7	30

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

EL ARISH — MAY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	3	0	0	1—10	1	1	0	0	0	8	4	5	5	0	2	2	28
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	1	1	0	0	0	8	4	5	5	0	2	2	28
0300	2	0	0	1—10	0	0	0	0	1	12	5	7	4	0	0	0	29
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	0	0	0	1	12	5	7	4	0	0	0	29
0600	0	0	0	1—10	4	1	0	1	4	1	5	2	9	2	2	0	31
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	1	0	1	4	1	5	2	9	2	2	0	31
0900	0	0	0	1—10	9	0	0	0	0	0	2	0	0	2	5	11	29
				11—27	0	0	0	0	0	0	0	0	0	0	2	0	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	9	0	0	0	0	0	2	0	0	2	7	11	31
1200	0	0	0	1—10	8	1	0	0	0	0	1	0	0	0	1	14	25
				11—27	1	0	0	0	0	0	0	0	0	0	4	1	6
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	9	1	0	0	0	0	1	0	0	0	5	15	31
1500	0	0	0	1—10	14	1	0	0	0	0	0	0	0	0	0	13	28
				11—27	0	0	0	0	0	0	0	0	0	0	3	0	3
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	14	1	0	0	0	0	0	0	0	0	3	13	31
1800	2	0	0	1—10	11	4	2	1	0	0	0	0	1	0	3	5	27
				11—27	0	0	0	0	0	0	0	0	0	1	1	0	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	11	4	2	1	0	0	0	0	1	1	4	5	29
2100	5	0	0	1—10	3	2	1	2	0	2	2	3	3	2	5	1	26
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	3	2	1	2	0	2	2	3	3	2	5	1	26

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

GHAZZA—MAY 1962

Hour (U,T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	1	0	0	1—10	1	0	1	2	5	10	3	0	1	0	2	4	29
				11—27	0	0	0	0	1	0	0	0	0	0	0	0	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**1**	**2**	**6**	**10**	**3**	**0**	**1**	**0**	**2**	**4**	**30**
0300	1	0	0	1—10	0	0	1	1	0	21	3	0	0	0	2	0	28
				11—27	0	0	0	0	1	0	0	0	0	1	0	0	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**1**	**1**	**1**	**21**	**3**	**0**	**0**	**1**	**2**	**0**	**30**
0600	1	0	0	1—10	2	0	0	0	1	0	2	2	9	4	4	2	26
				11—27	0	0	1	0	0	0	0	0	2	1	0	0	4
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**2**	**0**	**1**	**0**	**1**	**0**	**2**	**2**	**11**	**5**	**4**	**2**	**30**
0900	0	0	0	1—10	0	0	0	0	0	0	0	0	2	8	10	6	26
				11—27	0	0	0	0	1	0	0	0	1	3	0	0	5
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**3**	**11**	**10**	**6**	**31**
1200	1	0	0	1—10	2	0	0	0	0	0	0	0	0	3	6	10	21
				11—27	1	0	0	0	0	0	0	0	0	1	1	6	9
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**4**	**7**	**16**	**30**
1500	0	0	0	1—10	8	4	0	0	0	0	0	0	0	0	2	7	21
				11—27	4	0	0	0	0	0	0	0	0	1	0	5	10
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**12**	**4**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**2**	**12**	**31**
1800	0	0	0	1—10	11	2	2	1	0	0	0	1	0	0	2	6	25
				11—27	4	0	0	0	0	0	0	0	1	0	0	1	6
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**15**	**2**	**2**	**1**	**0**	**0**	**0**	**1**	**1**	**0**	**2**	**7**	**31**
2100	4	0	0	1—10	4	2	2	4	1	3	1	0	1	0	6	2	26
				11—27	0	0	0	0	0	0	0	0	1	0	0	0	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**4**	**2**	**2**	**4**	**1**	**3**	**1**	**0**	**2**	**0**	**6**	**2**	**27**

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

ABU SUEIR (A) — MAY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	15	0	0	1—10	2	0	0	0	0	1	0	0	4	2	2	4	15
				11—27	0	0	0	0	0	1	0	0	0	0	0	0	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	0	0	0	0	2	0	0	4	2	2	4	16
0300	21	0	0	1—10	0	1	0	0	0	1	0	0	3	3	0	1	9
				11—27	0	0	0	0	0	0	0	1	0	0	0	0	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	1	0	0	0	1	0	1	3	3	0	1	10
0600	10	0	0	1—10	0	3	3	1	1	1	0	0	4	3	1	1	18
				11—27	0	0	0	0	0	0	0	0	1	1	1	0	3
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	3	3	1	1	1	0	0	5	4	2	1	21
0900	2	0	0	1—10	3	3	4	0	1	0	0	0	3	2	0	6	22
				11—27	0	1	2	0	0	0	0	1	0	3	0	0	7
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	3	4	9	0	1	0	0	1	3	5	0	6	29
1200	0	0	0	1—10	2	6	1	2	0	0	0	1	0	0	1	2	15
				11—27	2	4	1	0	0	0	0	0	1	5	2	1	16
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	10	2	2	0	0	0	1	1	5	3	3	31
1500	0	0	0	1—10	2	1	1	0	0	1	0	0	0	0	1	0	6
				11—27	4	13	1	0	0	0	0	0	0	1	1	5	25
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	6	14	2	0	0	1	0	0	0	1	2	5	31
1800	0	0	0	1—10	3	5	0	0	2	0	0	0	0	0	0	1	11
				11—27	4	11	2	0	0	0	0	0	0	0	0	3	20
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	7	16	2	0	2	0	0	0	0	0	0	4	31
2100	6	0	0	1—10	2	9	6	1	0	0	0	0	0	0	4	2	24
				11—27	0	0	0	0	0	0	0	0	0	0	1	0	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	9	6	1	0	0	0	0	0	0	5	2	25

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

CAIRO (A)—MAY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	2	0	0	1—10	6	9	4	4	0	0	0	0	0	3	0	1	27
				11—27	0	0	0	0	1	0	0	0	1	0	0	0	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	6	9	4	4	1	0	0	0	1	3	0	1	29
0300	3	0	0	1—10	8	3	6	1	2	1	1	1	2	1	1	0	27
				11—27	0	0	0	0	0	1	0	0	0	0	0	0	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	8	3	6	1	2	2	1	1	2	1	1	0	28
0600	0	0	0	1—10	9	5	3	0	1	0	0	1	1	1	2	1	24
				11—27	0	2	2	0	0	0	1	2	0	0	0	0	7
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	9	7	5	0	1	0	1	3	1	1	2	1	31
0900	0	0	0	1—10	8	4	2	0	0	0	0	1	1	1	3	2	22
				11—27	0	5	0	0	0	0	0	1	1	2	0	0	9
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	8	0	2	0	0	0	0	2	2	3	3	2	31
1200	0	0	0	1—10	5	2	1	0	0	0	0	0	0	3	4	3	18
				11—27	3	6	0	0	0	0	0	1	0	1	2	0	13
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	8	8	1	0	0	0	0	1	0	4	6	3	31
1500	0	0	0	1—10	4	1	1	0	0	0	0	0	0	0	4	3	13
				11—27	7	3	0	0	0	0	0	0	0	1	3	4	18
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	11	4	1	0	0	0	0	0	0	1	7	7	31
1800	0	0	0	1—10	6	2	0	0	0	0	0	0	0	1	1	4	14
				11—27	7	9	0	0	1	0	0	0	0	0	0	0	17
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	13	11	0	0	1	0	0	0	0	1	1	4	31
2100	0	0	0	1—10	7	11	5	1	0	0	0	0	0	0	2	1	27
				11—27	1	1	1	0	1	0	0	0	0	0	0	0	4
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	8	12	6	1	1	0	0	0	0	0	2	1	31

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

MOSTAFA HELMI (A) — MAY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	0	0	0	1—10	6	3	2	1	0	1	1	0	0	2	1	1	18
				11—27	3	4	1	1	0	0	0	0	1	0	0	3	13
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	9	7	3	2	0	1	1	0	1	2	1	4	31
0300	0	0	0	1—10	6	3	0	0	2	0	0	0	2	2	4	1	20
				11—27	3	3	1	0	1	0	1	0	0	1	0	1	11
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	9	6	1	0	3	0	1	0	2	3	4	2	31
0600	0	0	0	1—10	5	3	3	1	1	0	0	0	0	1	1	1	16
				11—27	5	2	3	0	0	0	0	1	0	1	2	1	15
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	10	5	6	1	1	0	0	1	0	2	3	2	31
0900	0	0	0	1—10	2	1	2	0	0	0	0	0	0	0	0	4	9
				11—27	5	7	2	1	0	1	0	0	1	0	2	3	22
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	7	8	4	1	0	1	0	0	1	0	2	7	31
1200	0	0	0	1—10	1	1	0	0	0	0	0	0	0	0	0	1	3
				11—27	6	13	0	1	0	0	0	0	1	0	3	4	28
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	7	14	0	1	0	0	0	0	1	0	3	5	31
1500	0	0	0	1—10	1	0	0	0	0	0	0	0	0	0	1	1	3
				11—27	8	8	2	1	0	0	0	0	0	0	0	9	28
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	9	8	2	1	0	0	0	0	0	0	1	10	31
1800	0	0	0	1—10	0	0	1	0	1	0	0	0	0	0	0	0	2
				11—27	22	5	1	0	0	0	0	0	0	0	0	1	29
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	22	5	2	0	1	0	0	0	0	0	0	1	31
2100	0	0	0	1—10	4	1	2	1	0	0	0	0	0	0	1	0	9
				11—27	8	9	2	0	0	1	0	0	0	0	0	2	22
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	12	10	4	1	0	1	0	0	0	0	1	2	31

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

ALMAZA (A) — MAY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	0	0	0	1—10	2	5	11	4	0	0	0	0	0	1	5	2	30
				11—27	0	0	0	0	0	1	0	0	0	0	0	0	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	5	11	4	0	1	0	0	0	1	5	2	31
0300	3	0	0	1—10	1	5	8	1	1	3	1	1	2	1	2	0	26
				11—27	0	0	0	1	0	0	1	0	0	0	0	0	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	1	5	8	2	1	3	2	1	2	1	2	0	28
0600	0	0	0	1—10	3	7	9	0	0	0	0	0	1	2	2	2	26
				11—27	0	0	2	0	0	0	1	2	0	0	0	0	5
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	3	7	11	0	0	0	1	2	1	2	2	2	31
0900	1	0	0	1—10	3	4	7	1	0	0	0	0	0	1	2	2	20
				11—27	0	0	5	0	0	0	0	2	1	2	1	1	10
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	3	4	12	1	0	0	0	2	1	3	3	3	30
1200	0	0	0	1—10	1	3	2	1	0	0	0	0	0	0	6	2	15
				11—27	0	8	3	0	0	0	0	0	0	3	2	0	16
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	1	11	5	1	0	0	0	0	0	3	8	2	31
1500	0	0	0	1—10	3	2	1	0	0	0	0	0	0	3	0	1	10
				11—27	3	7	5	0	0	0	0	0	1	2	0	3	21
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	6	9	6	0	0	0	0	0	1	5	0	4	31
1800	0	0	0	1—10	1	6	2	0	0	0	0	0	0	0	1	2	12
				11—27	2	6	10	0	0	0	1	0	0	0	0	0	19
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	3	12	12	0	0	0	1	0	0	0	1	2	31
2100	0	0	0	1—10	1	4	18	3	0	0	0	0	0	0	0	3	29
				11—27	0	0	1	0	0	1	0	0	0	0	0	0	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	1	4	19	3	0	1	0	0	0	0	0	3	31

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

ABBASIYA (H.Q)—MAY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	7	0	0	1—10	8	4	1	0	1	0	0	1	0	2	3	4	24
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	8	4	1	0	1	0	0	1	0	2	3	4	24
0300	9	0	0	1—10	8	2	0	0	0	0	1	0	3	0	3	5	22
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	8	2	0	0	0	0	1	0	3	0	3	5	22
0600	1	0	0	1—10	9	7	2	0	0	0	1	4	0	0	1	5	29
				11—27	0	0	0	0	0	0	0	1	0	0	0	0	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	9	7	2	0	0	0	1	5	0	0	1	5	30
0900	1	0	0	1—10	4	9	2	0	0	0	0	1	1	3	4	6	30
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	9	2	0	0	0	0	1	1	3	4	6	30
1200	0	0	0	1—10	9	4	0	0	0	0	0	0	1	4	4	3	25
				11—27	1	3	0	0	0	0	0	1	0	0	1	0	6
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	10	7	0	0	0	0	0	1	1	4	5	3	31
1500	0	0	0	1—10	11	2	0	0	0	0	0	1	1	1	6	4	26
				11—27	1	3	0	0	0	0	0	0	0	0	0	1	5
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	12	5	0	0	0	0	0	1	1	1	6	5	31
1800	1	0	0	1—10	13	7	0	0	1	0	0	0	0	0	1	7	29
				11—27	0	1	0	0	0	0	0	0	0	0	0	0	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	13	8	0	0	1	0	0	0	0	0	1	7	30
2100	1	0	0	1—10	15	9	1	0	1	0	0	0	0	0	2	2	30
				11—27	0	0	0	0	0	1	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	15	9	1	0	1	0	0	0	0	0	2	2	30

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

GIZA — MAY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the radges of direct ons indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	0	0	31	1-10	0	0	0	0	0	0	0	0	0	0	0	0	0
				11-27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	0	0	0	0	0	0	0	0	0	0	0	0
0300	0	0	31	1-10	0	0	0	0	0	0	0	0	0	0	0	0	0
				11-27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	0	0	0	0	0	0	0	0	0	0	0	0
0600	2	0	0	1-10	8	7	2	0	0	0	0	1	2	1	1	5	27
				11-27	1	0	0	0	0	0	1	0	0	0	0	0	2
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	9	7	2	0	0	0	1	1	2	1	1	5	29
0900	0	0	0	1-10	8	12	1	0	0	0	0	0	1	3	1	4	30
				11-27	0	0	0	0	0	0	0	1	0	0	0	0	1
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	8	12	1	0	0	0	0	1	1	3	1	4	31
1200	0	0	0	1-10	4	4	3	1	0	0	0	0	0	1	3	1	17
				11-27	2	5	0	0	0	0	0	0	1	0	2	4	14
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	6	9	3	1	0	0	0	0	1	1	5	5	31
1500	0	0	0	1-10	5	3	0	0	0	0	0	2	0	1	1	5	17
				11-27	4	8	0	0	0	0	0	0	0	0	0	2	14
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	9	11	0	0	0	0	0	2	0	1	1	7	31
1800	1	0	0	1-10	8	8	2	0	1	0	0	0	0	0	0	4	23
				11-27	3	4	0	0	0	0	0	0	0	0	0	0	7
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	11	12	2	0	1	0	0	0	0	0	0	4	30
2100	0	0	31	1-10	0	0	0	0	0	0	0	0	0	0	0	0	0
				11-27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28-47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIBECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

HELWAN — MAY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number in cases of occurences of wind blowing from tbe ranges of directios indicatedn												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	4	0	0	1—10	6	4	2	0	0	1	0	1	1	0	0	3	18
				11—27	1	4	3	0	0	0	0	0	0	0	0	1	9
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	7	8	5	0	0	1	0	1	1	0	0	4	27
0300	7	0	0	1—10	5	7	3	0	0	1	0	0	0	0	0	2	18
				11—27	1	0	3	1	0	0	0	0	0	1	0	0	6
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	6	7	6	1	0	1	0	0	0	1	0	2	24
0600	4	0	0	1—10	5	3	3	2	0	1	0	2	0	0	1	3	20
				11—27	2	4	1	0	0	0	0	0	0	0	0	0	7
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	7	7	4	2	0	1	0	2	0	0	1	3	27
0900	3	0	0	1—10	3	2	2	0	0	0	0	2	0	1	1	1	12
				11—27	7	5	2	0	1	0	0	0	0	1	0	0	16
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	10	7	4	0	1	0	0	2	0	2	1	1	28
1200	0	0	0	1—10	1	1	1	0	0	0	1	0	0	1	3	0	8
				11—27	7	4	1	0	0	0	0	0	1	2	3	4	22
				28—47	0	0	1	0	0	0	0	0	0	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	8	5	3	0	0	0	1	0	1	3	6	4	31
1500	0	0	0	1—10	2	1	0	0	0	0	1	0	0	1	2	2	9
				11—27	10	4	0	0	0	0	0	0	0	3	4	1	22
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	12	5	0	0	0	0	1	0	0	4	6	3	31
1800	1	0	0	1—10	2	0	0	0	0	0	0	0	0	1	1	1	5
				11—27	9	8	0	0	0	1	0	0	0	1	3	2	24
				28—47	0	1	0	0	0	0	0	0	0	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	11	9	0	0	0	1	0	0	0	2	4	3	30
2100	0	0	0	1—10	1	6	0	0	0	0	0	0	0	0	3	2	12
				11—27	7	9	1	1	0	0	0	0	0	0	0	0	18
				28—47	0	0	1	0	0	0	0	0	0	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	8	15	2	1	0	0	0	0	0	0	3	2	31

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

MINYA (A) — MAY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	1	0	0	1—10	13	1	0	1	0	0	1	0	0	0	0	3	19
				11—27	8	0	0	0	0	0	0	0	0	1	0	2	11
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**21**	**1**	**0**	**1**	**0**	**0**	**1**	**0**	**0**	**1**	**0**	**5**	**30**
0300	2	0	0	1—10	10	0	0	0	0	3	0	0	0	0	2	7	22
				11—27	6	1	0	0	0	0	0	0	0	0	0	0	7
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**16**	**1**	**0**	**0**	**0**	**3**	**0**	**0**	**0**	**0**	**2**	**7**	**29**
0600	1	0	0	1—10	4	2	0	0	1	1	1	0	0	1	1	2	16
				11—27	12	5	0	0	0	0	0	0	0	0	0	0	14
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**16**	**7**	**0**	**0**	**1**	**1**	**1**	**0**	**0**	**1**	**1**	**2**	**30**
0900	0	0	0	1—10	1	4	0	0	0	0	0	1	1	0	2	5	14
				11—27	10	4	0	0	0	0	0	0	0	0	1	2	17
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**11**	**8**	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**0**	**3**	**7**	**31**
1200	0	0	0	1—10	1	1	0	0	0	0	0	0	1	0	2	5	10
				11—27	13	1	0	0	0	1	0	0	0	0	2	4	21
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**14**	**2**	**0**	**0**	**0**	**1**	**0**	**0**	**1**	**0**	**4**	**9**	**31**
1500	0	0	0	1—10	3	1	0	1	0	0	0	0	0	1	1	1	7
				11—27	20	1	0	0	0	0	0	0	0	0	2	0	24
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**23**	**2**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**1**	**3**	**1**	**31**
1800	0	0	0	1—10	16	3	0	1	0	0	0	0	0	0	2	2	24
				11—27	7	0	0	0	0	0	0	0	0	0	0	0	7
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**23**	**3**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**2**	**31**
2100	2	0	0	1—10	9	1	0	0	1	1	0	0	0	0	0	3	15
				11—27	13	0	0	0	0	0	0	0	0	0	0	1	14
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**22**	**1**	**0**	**0**	**1**	**1**	**0**	**0**	**0**	**0**	**0**	**4**	**29**

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

ASSYOUT (A) — MAY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	2	0	0	1—10	2	0	0	0	0	1	0	0	1	15	5	4	28
				11—27	0	0	0	0	0	0	0	0	0	0	1	0	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	0	0	0	0	1	0	0	1	15	6	4	29
0300	4	0	0	1—10	1	0	0	0	0	0	1	0	4	14	3	3	26
				11—27	0	0	0	0	0	0	0	0	0	0	1	0	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	1	0	0	0	0	0	1	0	4	14	4	3	27
0600	3	0	0	1—10	2	1	0	1	0	0	0	0	0	6	9	8	27
				11—27	1	0	0	0	0	0	0	0	0	0	0	0	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	3	1	0	1	0	0	0	0	0	6	9	8	28
0900	1	0	0	1—10	2	0	0	0	0	1	0	0	0	3	1	9	16
				11—27	8	0	0	0	0	0	0	0	0	0	3	3	14
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	10	0	0	0	0	1	0	0	0	3	4	12	30
1200	1	0	0	1—10	1	0	0	0	0	0	0	0	0	2	0	8	11
				11—27	5	0	0	0	1	0	0	0	0	0	2	11	19
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	6	0	0	0	1	0	0	0	0	2	2	19	30
1500	0	0	0	1—10	3	0	0	0	0	0	1	0	0	0	1	3	8
				11—27	2	0	0	0	0	0	0	0	0	1	2	18	23
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	5	0	0	0	0	0	1	0	0	1	3	21	31
1800	2	0	0	1—10	2	0	0	0	0	1	0	1	0	1	11	10	26
				11—27	0	0	0	0	0	0	0	0	0	0	0	3	3
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	0	0	0	0	1	0	1	0	1	11	13	29
2100	3	0	0	1—10	1	0	0	0	1	0	1	1	4	9	5	2	25
				11—27	0	0	0	0	0	0	0	0	0	0	0	3	3
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	1	0	0	0	1	0	1	1	4	9	5	6	28

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

LUXOR (A) — MAY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 015	015 / 045	045 / 075	075 / 105	105 / 135	135 / 165	165 / 195	195 / 225	225 / 255	255 / 285	285 / 315	315 / 345	All directions
0000	7	0	0	1—10	0	3	1	2	1	2	2	3	5	1	0	4	24
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	3	1	2	1	2	2	3	5	1	0	4	24
0300	10	0	0	1—10	3	2	0	1	0	2	1	6	4	1	0	1	21
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	3	2	0	1	0	2	1	6	4	1	0	1	21
0600	14	0	0	1—10	2	4	2	0	0	0	2	0	1	2	0	2	15
				11—27	0	2	0	0	0	0	0	0	0	0	0	0	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	6	2	0	0	0	2	0	1	2	0	2	17
0900	0	0	0	1—10	5	4	1	0	0	0	0	0	2	3	1	8	24
				11—27	1	1	0	0	0	0	0	1	0	0	0	4	7
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	6	5	1	0	0	0	0	1	2	3	1	12	31
1200	1	0	0	1—10	3	2	0	0	0	0	0	0	1	2	0	11	19
				11—27	2	1	1	0	0	0	0	0	0	1	0	6	11
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	5	3	1	0	0	0	0	0	1	3	0	17	30
1500	1	0	0	1—10	9	2	0	0	0	0	0	0	0	0	2	8	21
				11—27	2	0	1	0	0	0	0	1	0	0	0	5	9
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	11	2	1	0	0	0	0	1	0	0	2	13	30
1800	7	0	0	1—10	4	0	0	1	0	0	0	0	0	2	4	9	20
				11—27	0	0	0	1	1	0	0	0	0	0	0	2	4
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	0	0	2	1	0	0	0	0	2	4	11	24
2100	6	0	0	1—10	4	4	0	1	0	2	1	2	2	4	2	2	24
				11—27	1	0	0	0	0	0	0	0	0	0	0	0	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	5	4	0	1	0	2	1	2	2	4	2	2	25

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

ASWAN (A) -- MAY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	2	0	0	1—10	16	3	0	0	0	0	0	0	0	0	2	4	25
				11—27	3	0	0	0	0	0	0	0	0	0	0	1	4
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**19**	**3**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**5**	**29**
0300	7	0	0	1—10	18	1	0	0	0	0	0	0	0	0	0	1	20
				11—27	1	0	0	0	0	0	0	0	0	0	1	2	4
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**19**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**3**	**24**
0600	4	0	0	1—10	17	2	0	0	0	0	1	0	0	0	0	0	20
				11—27	7	0	0	0	0	0	0	0	0	0	0	0	7
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**24**	**2**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**27**
0900	3	0	0	1—10	7	3	0	0	0	1	1	0	0	0	0	2	14
				11—27	11	2	0	0	0	0	0	0	0	0	0	1	14
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**18**	**5**	**0**	**0**	**0**	**1**	**1**	**0**	**0**	**0**	**0**	**3**	**28**
1200	3	0	0	1—10	16	2	0	0	1	0	2	0	1	1	0	0	16
				11—27	12	0	0	0	0	0	0	0	0	1	0	1	12
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**28**	**2**	**0**	**0**	**1**	**0**	**2**	**0**	**1**	**2**	**0**	**1**	**28**
1500	1	0	0	1—10	11	1	0	0	0	0	0	0	1	1	2	1	17
				11—27	10	0	0	0	0	0	0	0	0	1	2	0	13
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**22**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**2**	**4**	**1**	**30**
1800	8	0	0	1—10	7	0	0	0	0	0	1	0	0	0	0	3	11
				11—27	6	0	0	0	0	0	0	0	0	0	0	6	12
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**13**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**9**	**23**
2100	3	0	0	1—10	8	2	0	0	0	0	0	0	0	1	3	4	18
				11—27	9	0	0	0	0	0	0	0	0	0	0	1	10
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**17**	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**3**	**5**	**28**

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

SIWA — MAY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	2	0	0	1—10	3	2	6	12	2	1	0	0	0	1	0	2	29
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	3	2	6	12	2	1	0	0	0	1	0	2	29
0300	16	0	0	1—10	0	3	2	4	0	0	0	0	1	0	0	3	13
				11—27	0	0	0	0	0	0	0	0	0	0	0	2	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	3	2	4	0	0	0	0	1	0	0	5	15
0600	9	0	0	1—10	1	2	1	3	4	5	0	0	0	1	1	1	19
				11—27	1	1	0	0	0	0	0	0	0	0	0	1	3
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	3	1	3	4	5	0	0	0	1	1	2	22
0900	2	0	0	1—10	2	1	1	2	1	5	7	1	1	0	1	2	25
				11—27	2	0	1	0	0	0	0	0	0	1	0	1	4
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	1	2	2	1	5	7	1	1	1	1	3	29
1200	0	0	0	1—10	7	1	2	2	0	0	0	1	1	3	5	0	22
				11—27	0	1	0	0	0	0	0	0	0	2	3	3	9
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	7	2	2	2	0	0	0	1	1	5	8	3	31
1500	1	0	0	1—10	5	3	8	1	1	0	0	0	1	1	3	0	18
				11—27	5	1	0	0	0	0	0	0	0	1	4	1	12
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	10	4	3	1	1	0	0	0	1	2	7	1	30
1800	4	0	0	1—10	2	4	2	1	1	0	0	0	1	2	5	3	21
				11—27	2	1	1	1	0	0	0	0	0	0	1	0	6
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	5	3	2	1	0	0	0	1	2	6	3	27
2100	5	0	0	1—10	1	2	7	6	0	0	0	0	0	2	1	0	19
				11—27	1	4	2	0	0	0	0	0	0	0	0	0	7
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	6	9	6	0	0	0	0	0	2	1	0	26

TABLE A 10—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

BAHARIYA — MAY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	5	0	0	1—10	9	11	0	0	0	0	0	0	0	1	0	1	22
				11—27	1	0	0	0	0	0	0	0	0	1	0	2	4
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	10	11	0	0	0	0	0	0	0	2	0	3	26
0300	18	0	0	1—10	6	2	0	0	0	0	0	0	0	1	1	1	11
				11—27	0	1	0	0	0	0	0	0	0	0	0	1	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	6	3	0	0	0	0	0	0	0	1	1	2	13
0600	6	0	0	1—10	13	4	0	0	0	0	0	2	1	0	0	0	20
				11—27	1	0	0	0	0	0	0	0	0	0	0	4	5
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	14	4	0	0	0	0	0	2	1	0	0	4	25
0900	0	0	0	1—10	5	11	0	2	0	0	0	0	0	2	1	1	22
				11—27	2	1	0	0	1	0	0	0	0	1	1	3	9
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	7	12	0	2	1	0	0	0	0	3	2	4	31
1200	1	0	0	1—10	8	8	0	0	0	0	0	0	0	0	0	0	16
				11—27	3	2	0	1	0	0	0	0	0	1	2	4	13
				28—47	0	0	0	0	0	0	0	0	0	1	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	11	10	0	1	0	0	0	0	0	2	2	4	30
1500	1	0	0	1—10	8	5	0	0	0	0	1	0	0	0	0	5	19
				11—27	4	3	0	0	0	0	0	0	0	0	3	1	11
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	12	8	0	0	0	0	1	0	0	0	3	6	30
1800	1	0	0	1—10	9	5	0	0	0	0	0	0	0	0	2	6	22
				11—27	3	1	0	0	0	0	0	0	0	0	3	1	8
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	12	6	0	0	0	0	0	0	0	0	5	7	30
2100	3	0	0	1—10	8	12	0	0	0	0	0	0	0	0	0	1	21
				11—27	4	1	0	0	0	0	0	0	0	0	0	2	7
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	12	13	0	0	0	0	0	0	0	0	0	3	28

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

FARAFRA — MAY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	3	0	0	1—10	12	1	1	0	0	1	0	0	0	0	2	3	20
				11—27	4	1	0	0	0	1	0	0	0	0	0	1	7
				28—47	0	0	0	0	0	0	0	0	0	0	1	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	16	2	1	0	0	2	0	0	0	0	3	4	28
0300	8	0	0	1—10	11	2	1	0	0	0	0	1	0	1	1	5	22
				11—27	0	1	0	0	0	0	0	0	0	0	0	0	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	11	3	1	0	0	0	0	1	0	1	1	5	23
0300	8	0	0	1—10	3	10	0	0	0	0	1	0	1	1	0	4	20
				11—27	1	2	0	0	0	0	0	0	0	0	0	0	3
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	12	0	0	0	0	1	0	1	1	0	4	23
0900	2	0	0	1—10	4	8	4	2	0	0	0	0	1	0	1	4	24
				11—27	1	1	2	0	0	0	1	0	0	0	0	0	5
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	5	9	6	2	0	0	1	0	1	0	1	4	29
1200	0	0	0	1—10	11	0	2	0	0	0	0	0	0	0	3	1	17
				11—27	0	4	4	0	0	0	0	1	1	1	1	2	14
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	11	4	6	0	0	0	0	1	1	1	4	3	31
1500	0	0	0	1—10	5	2	2	0	0	0	0	0	0	0	1	4	29
				11—27	5	5	2	0	0	0	0	0	1	2	0	2	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	10	7	4	0	0	0	0	0	1	2	1	6	31
1800	0	0	0	1—10	15	4	0	0	0	0	0	0	0	1	2	7	29
				11—27	1	0	0	0	0	0	0	0	0	0	0	1	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	13	4	0	0	0	0	0	0	0	1	2	8	31
2100	5	0	0	1—10	14	0	0	0	0	0	0	0	0	0	2	2	18
				11—27	4	0	1	1	0	0	0	0	0	0	1	1	8
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	18	0	1	1	0	0	0	0	0	0	3	3	26

TABLE A 10—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

DAKHLA — MAY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												All directions
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 161	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	
0000	4	0	0	1—10	1	2	0	0	0	1	3	0	0	3	9	6	25
				11—27	0	1	0	0	0	0	0	0	0	0	0	1	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**3**	**0**	**0**	**0**	**1**	**3**	**0**	**0**	**3**	**9**	**7**	**27**
0300	2	0	0	1—10	0	2	2	2	0	1	2	2	2	8	4	3	28
				11—27	0	0	0	0	0	0	0	0	0	0	0	1	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**2**	**2**	**2**	**0**	**1**	**2**	**2**	**2**	**8**	**4**	**4**	**29**
0600	0	0	0	1—10	0	3	1	1	1	1	0	2	1	3	9	6	28
				11—27	0	0	0	0	0	0	0	0	0	0	2	1	3
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**3**	**1**	**1**	**1**	**1**	**0**	**2**	**1**	**3**	**11**	**7**	**31**
0900	0	0	0	1—10	2	1	2	1	0	0	0	1	1	0	3	7	18
				11—27	4	0	0	0	1	0	0	0	0	0	0	8	13
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**6**	**1**	**2**	**1**	**1**	**0**	**0**	**1**	**1**	**0**	**3**	**15**	**31**
1200	0	0	0	1—10	1	4	0	0	0	0	0	0	0	1	1	6	13
				11—27	7	0	0	0	0	0	0	1	0	0	0	10	18
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**8**	**4**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**1**	**1**	**16**	**31**
1500	0	0	0	1—10	6	0	0	0	0	0	1	0	0	0	0	2	9
				11—27	9	1	0	0	0	0	0	0	0	2	2	8	22
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**15**	**1**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**2**	**2**	**10**	**31**
1800	1	0	0	1—10	9	3	1	0	0	0	0	0	0	0	3	12	28
				11—27	0	0	0	0	0	0	0	0	0	0	1	1	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**3**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**4**	**13**	**30**
2100	2	0	0	1—10	1	1	0	1	0	1	0	0	1	7	7	8	27
				11—27	2	0	0	0	0	0	0	0	0	0	0	0	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**3**	**1**	**0**	**1**	**0**	**1**	**0**	**0**	**1**	**7**	**7**	**8**	**29**

TABLE A 10—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

KHARGA — MAY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	17	0	0	1—10	8	0	0	0	0	0	0	0	0	0	0	0	8
				11—27	6	0	0	0	0	0	0	0	0	0	0	0	6
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	14	0	0	0	0	0	0	0	0	0	0	0	14
0300	18	0	0	1—10	6	2	0	0	0	0	0	0	0	0	0	0	8
				11—27	5	0	0	0	0	0	0	0	0	0	0	0	5
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	11	2	0	0	0	0	0	0	0	0	0	0	13
0600	12	0	0	1—10	9	0	0	0	0	0	0	0	0	1	0	0	10
				11—27	9	0	0	0	0	0	0	0	0	0	0	0	9
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	18	0	0	0	0	0	0	0	0	1	0	0	19
0900	5	0	0	1—10	15	0	0	0	0	0	0	0	0	0	0	0	15
				11—27	10	0	0	0	1	0	0	0	0	0	0	0	11
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	25	0	0	0	1	0	0	0	0	0	0	0	26
1200	4	0	0	1—10	16	1	0	0	0	0	0	0	0	0	1	0	18
				11—27	7	1	0	0	0	0	0	0	1	0	0	0	9
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	23	2	0	0	0	0	0	0	1	0	1	0	27
1500	6	0	0	1—10	16	0	0	1	0	0	0	0	0	0	0	0	17
				11—27	7	1	0	0	0	0	0	0	0	0	0	0	8
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	23	1	0	1	0	0	0	0	0	0	0	0	25
1800	16	0	0	1—10	10	0	0	0	0	0	0	0	0	1	0	0	11
				11—27	4	0	0	0	0	0	0	0	0	0	0	0	4
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All sppeds	14	0	0	0	0	0	0	0	0	1	0	0	15
2100	19	0	0	1—10	7	0	0	0	0	0	0	0	0	0	0	0	7
				11—27	4	0	0	0	0	0	0	0	0	1	0	0	5
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	11	0	0	0	0	0	0	0	0	1	0	0	12

TABLE A 10—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

EL-TOR — MAY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												All directions
					315 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	
0000	6	0	0	1—10	0	0	0	0	1	0	1	0	0	1	3	1	7
				11—27	2	0	0	0	0	0	0	0	0	2	12	2	18
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	0	0	0	1	0	1	0	0	3	15	3	25
0300	7	0	0	1—10	1	0	0	0	0	0	0	0	0	3	1	2	7
				11—27	0	0	0	0	0	0	0	0	0	0	13	4	17
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	1	0	0	0	0	0	0	0	0	3	14	6	24
0600	2	0	0	1—10	0	0	0	1	1	1	0	0	0	2	12	2	19
				11—27	0	0	0	0	0	0	0	0	0	1	6	3	10
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	0	0	1	1	1	0	0	0	3	18	5	29
0900	1	0	0	1—10	0	0	0	0	0	0	1	0	1	3	7	0	12
				11—27	0	0	0	0	0	0	0	0	0	4	14	0	18
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	0	0	0	0	0	1	0	1	7	21	0	30
1200	2	0	0	1—10	0	0	0	0	0	0	1	0	0	3	5	0	9
				11—27	0	0	0	0	0	0	0	0	0	3	15	2	20
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	0	0	0	0	0	1	0	0	6	20	2	29
1500	4	0	0	1—10	0	0	0	0	0	0	0	0	0	1	6	0	7
				11—27	1	0	0	0	0	0	0	0	0	3	16	0	20
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	1	0	0	0	0	0	0	0	0	4	22	0	27
1800	8	0	0	1—10	2	0	0	0	0	0	0	0	0	3	6	2	13
				11—27	2	0	0	0	0	0	0	0	0	0	5	3	10
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	0	0	0	0	0	0	0	0	3	11	5	23
2100	3	0	0	1—10	0	0	0	0	1	2	0	0	0	2	10	1	16
				11—27	2	0	0	0	0	0	0	0	0	2	7	1	12
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	0	0	0	1	2	0	0	0	4	17	2	28

TABLE A 10.— NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSBRVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

HURGHADA (A) — MAY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	1	0	0	1–10	1	0	0	0	0	1	1	0	0	2	1	7	13
				11–27	0	0	0	0	0	0	0	0	0	0	5	11	16
				28–47	0	0	0	0	0	0	0	0	0	0	0	1	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**0**	**0**		**0**	**1**	**1**	**0**	**0**	**2**	**6**	**19**	**30**
0300	1	0	0	1–10	0	0	0	0	0	0	0	0	0	1	4	3	8
				11–27	0	0	0	0	0	0	0	0	0	0	4	16	20
				28–47	0	0	0	0	0	0	0	0	0	0	0	2	2
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**8**	**21**	**30**
0600	0	0	0	1–10	0	1	1	0	0	1	0	0	0	0	0	0	3
				11–27	1	0	0	0	0	0	0	0	0	0	0	27	28
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**1**	**1**	**1**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**27**	**31**
0900	0	0	0	1–10	0	0	2	0	1	1	0	0	0	0	0	0	4
				11–27	21	1	0	0	0	0	0	0	9	0	0	5	27
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**21**	**1**	**2**	**0**	**1**	**1**	**0**	**0**	**0**	**0**	**0**	**5**	**31**
1200	0	0	0	1–10	1	2	0	0	0	4	0	0	0	0	0	0	7
				11–27	20	4	0	0	0	0	0	0	0	0	0	0	24
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**21**	**6**	**0**	**0**	**0**	**4**	**1**	**0**	**0**	**0**	**0**	**0**	**31**
1500	1	0	0	1–10	1	1	0	0	2	3	0	0	0	0	0	1	8
				11–27	14	1	0	0	0	0	0	0	0	0	0	6	21
				28–47	1	0	0	0	0	0	0	0	0	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**16**	**2**	**0**	**0**	**2**	**3**	**0**	**0**	**0**	**0**	**0**	**7**	**30**
1800	1	0	0	1–10	0	0	0	0	0	3	1	0	0	0	2	2	8
				11–27	0	6	0	0	0	0	0	0	0	0	2	19	21
				28–47	0	0	0	0	0	0	0	0	0	0	0	1	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**0**	**3**	**1**	**0**	**0**	**0**	**4**	**22**	**30**
2100	1	0	0	1–10	0	0	0	0	0	0	2	0	0	1	6	3	12
				11–27	0	0	0	0	0	0	0	0	0	3	7	8	18
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**0**	**0**	**4**	**13**	**11**	**30**

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

QUSEIR—MAY 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												All directions
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	
0000	4	0	0	1—10	0	1	0	0	0	1	0	0	2	6	7	3	20
				11—27	0	0	0	0	0	0	1	1	0	0	1	4	7
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	1	0	0	0	1	1	1	2	6	8	7	27
0300	2	0	0	1—10	1	0	0	0	0	0	1	0	1	3	5	9	20
				11—27	0	0	0	0	0	0	0	0	0	0	1	8	9
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	1	0	0	0	0	0	1	0	1	3	6	17	29
0600	1	0	0	1—10	2	0	0	0	0	0	0	0	0	0	1	1	4
				11—27	5	0	0	0	0	0	0	0	0	0	0	20	25
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	7	0	0	0	0	0	0	0	0	0	1	21	29
0900	0	0	0	1—10	0	0	1	1	0	1	0	0	0	0	0	0	3
				11—27	18	2	0	0	0	0	0	0	0	0	0	8	28
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	18	2	1	1	0	1	0	0	0	0	0	8	31
1200	0	0	0	1—10	2	3	2	2	1	1	0	0	0	0	1	1	13
				11—27	13	0	0	0	0	0	0	0	0	0	0	5	18
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	15	3	2	2	1	1	0	0	0	0	1	6	31
1500	0	0	0	1—10	3	2	0	1	2	1	0	0	0	0	1	11	21
				11—27	2	0	0	1	0	0	0	0	0	0	0	7	10
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	5	2	0	2	2	1	0	0	0	0	1	18	31
1800	10	0	0	1—10	2	0	0	0	0	0	0	0	0	1	5	8	16
				11—27	0	0	0	0	0	1	0	0	0	0	1	3	5
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	0	0	0	0	1	0	0	0	1	6	11	21
2100	5	0	0	1—10	2	0	0	0	0	0	1	0	0	9	5	6	23
				11—27	0	0	0	0	0	0	1	0	0	0	0	2	3
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	0	0	0	0	0	2	0	0	9	5	8	26

TABLE B 1.—UPPER AIR CLIMATOLOGICAL DATA

MERSA MATRUH (A) — 0000 U.T. — MAY 1962

Pressure surfase (millibar)	Heights of pressure surfaces (gpm.)				Temperature (°C)				Dew point (°C)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
		*	*	*						
Surface of station . .	31	1010mb.	1016mb.	1004mb	31	17.4	20.2	14.4	31	13.8
1000	31	134	179	73	31	17.5	21 0	14.2	31	12.4
850	31	1521	1582	1453	31	14 5	21.6	6.4	24	1.0
700	31	3133	3228	3026	31	5.2	10.8	— 0.8	16	— 9 0
600	31	4373	4484	4244	31	— 2.8	1.2	— 8.8	11	—13.5
500	31	5790	5910	5640	31	—13.3	— 9.7	—18.2	9	—20.8
400	31	7448	7583	7274	31	—26.0	—20.0	—32.0	4	—29.5
300	31	9460	9614	9260	31	—41.9	—38.8	—46.4	—	—
200	31	12105	12252	11936	31	—56.8	—46.7	—62.0	—	—
150	31	13916	14071	13739	31	—58.9	—55.0	—63.8	—	—
100	30	16435	16601	16279	30	—63.0	—56.3	—68.8	—	—
60	18	19610	19804	19465	18	—60.4	—56.8	—62.9	—	—
40	17	22174	22387	22079	17	—55.2	—52.5	—58.3	—	—
30	15	24044	24265	23933	15	—51.2	—47.7	—54.5	—	—
20	10	26702	26978	26558	10	—45.1	—41.5	—50 3	—	—
10	—	—	—	—	—	—	—	—	—	

N = Number of observations of specified pressure surfaces.

* The atmospheric pressure corrected to the elevation of the radiosonde station.

TABLE B 1.—UPPER AIR CLIMATOLOGICAL DATA

MERSA MATRUH (A) — 1200 U.T. — MAY 1962

Pressure surface (millibar)	Heights of pressure surfaces (gpm.)				Temperature (°C)				Dew point (°C)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
		*	*	*						
Surface of station . .	31	1011mb.	1017mb.	1000mb.	31	22.1	27.5	19.1	31	14.6
1000	31	138	191	42	31	21.4	27.5	17.3	31	12.9
850	31	1530	1600	1425	31	14.9	22.2	3.8	•21	0 3
700	31	3145	3238	2993	31	5.9	10 5	— 1.4	12	—11.6
600	31	4388	4475	4207	31	— 2.2	3.4	— 9 8	8	—16.8
500	31	5808	5950	5600	31	—12.5	— 8.3	—19.3	5	—24.9
400	31	7473	7636	7242	31	—25.2	—22.0	—30.6	3	—31.6
300	31	9495	9680	9238	31	—41.0	—38.4	—45.3	—	—
200	31	12147	12346	11942	31	—56.3	—46.3	—61.8	—	—
150	31	13967	14188	13766	31	—58.0	— 51.4	—65.8	—	—
100	28	16503	16700	16307	28	—62.0	—55.7	—66.1	—	—
60	18	19667	19785	19554	18	—58.9	—55.0	—62.9	—	—
40	16	22250	22381	22157	16	—52.6	—48.5	—56 7	—	—
30	12	24111	24226	24008	12	—48.2	—42.5	—52.1	—	—
20	3	26746	26756	26690	3	—45.3	—43.8	46 3	—	—
10	—	—	—	—	—	—	—	—	—	—

N = Number of observations of specified pressure surfaces.

* The atmospheric pressure corrected to the elevation of the radiosonde station.

TABLE B 1.—UPPER AIR CLIMATOLOGICAL DATA

HELWAN — 0000 U.T. — MAY 1962

Pressure surface (millibar)	Heights of pressure surfaces (gpm.)				Temperature (°C)				Dew point (°C)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
		*	*	*						
Surface of station . .	31	996mb.	1000mb.	984mb.	31	19.2	30.7	14.2	31	9.7
1000	31	106	140	19	—	—	—	—	—	1.4
850	31	1496	1558	1432	31	16.2	23.7	6.3	23	—9.9
700	31	3115	3210	2958	30	6.4	10.7	— 1.9	17	—14.8
600	31	4358	4468	4241	31	— 1.8	2.8	— 8.3	8	—26.3
500	31	5783	5905	5639	31	—11.7	— 7.7	—18.8	6	—35.8
400	31	7451	7584	7268	31	—24.9	—21.2	—30.7	6	—
300	31	9478	9624	9292	31	—40.0	—35.5	—44.0	—	—
200	31	12147	12405	11992	31	—55.5	—46.0	—61.3	—	—
150	30	13968	14155	13815	30	—58.9	—54.0	—62.6	—	—
100	28	16478	16639	16334	28	—65.7	—60.2	—70.2	—	—
60	21	19610	19715	19423	21	—62.5	—55.7	—67.3	—	—
40	12	22149	22258	21948	12	—54.7	—52.0	—59.6	—	—
30	4	23941	24058	23758	4	—53.8	—50.5	—57.6	—	—
20	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—

N = Number of observations of specified pressure surfaces.

* The atmospheric pressure corrected to the elevation of the radiosonde station.

TABLE B 1.—UPPER AIR CLIMATOLOGICAL DATA

HELWAN — 1200 U.T. — MAY 1962

Pressure surface (millibar)	Heights of pressure surfaces (gpm.)				Temperature (°C)				Dew point (°C)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
		*	*	*						
Surface of station . .	31	995mb.	1000mb.	988 mb.	31	30.7	39.4	23.2	31	4.8
1000	31	100	140	44	—	—	—	—	—	—
850	31	1509	1554	1455	31	16.2	26.0	9.5	29	— 1.2
700	31	3127	3204	3050	31	6.1	12.7	— 2.7	14	—10.9
600	31	4373	4458	4236	31	— 1.6	4.7	— 7.7	9	—15.6
500	31	5797	5893	5669	31	—11.7	— 6.5	—17.4	6	—22.1
400	31	7466	7577	7307	31	—25.1	—21.5	—30.3	4	—35.2
300	31	9489	9628	9307	31	—40.3	—35.2	—45.3	—	—
200	28	12157	12378	11955	28	—54.6	—47.7	—60.5	—	—
150	27	13977	14225	13780	27	—59.0	—53.7	—64.2	—	—
100	20	16499	16721	16293	20	—65.1	—61.0	—76.0	—	—
60	12	19611	19821	19431	12	—61.5	—58.0	—66.6	—	—
40	4	22233	22298	221.7	4	—54.2	—52.4	—56.2	—	—
30	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—

N = Number of observations of specified pressure surfaces.

* The atmospheric pressure corrected to the elevation of the radiosonde station.

TABLE B 1.—UPPER AIR CLIMATOLOGICAL DATA

ASWAN (A) — 0000 U.T. — MAY 1962

Pressure surface (millibar)	Heights of pressure surfaces (gpm.)				Temperature (°C)				Dew point (°C)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
Surface of station . .	17	* 996mb.	* 997mb.	* 994mb.	17	26.7	31.4	21.4	17	3.3
1000	—	—	—	—	—	—	—	—	—	—
850	17	1491	1525	1466	17	21.2	24.7	17.1	3	— 0.5
700	17	3133	3180	3092	17	9.4	13.7	3.4	2	— 6.4
600	17	4390	4437	4323	17	— 8.8	6.2	— 4.0	—	—
500	17	5828	5895	5733	17	— 9.1	— 2.8	—14.6	1	—20.8
400	17	7513	7625	7383	17	—21.6	—14.8	—2[illegible].5	1	—27.2
300	17	95 7	9741	9336	17	—37.1	—28.7	—43.2	1	—45.0
200	17	12268	12541	12028	17	—54.2	—43.2	—61.5	—	—
150	17	14074	14446	13812	17	—62.4	—46.8	—72.0	—	—
100	17	16518	17036	16226	17	—72.0	—57.8	—78 0	—	—
60	12	19594	20217	19191	12	—66.0	—49.9	—72.8	—	—
40	10	22138	22909	216 8	10	—56.9	—41.0	—61 4	—	—
30	3	23424	23986	22810	3	—55.4	—52.0	—58.9	—	—
20	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—

N = Number of observations of specified pressure surfaces.

* The atmospheric pressure corrected to the elevation of the radiosonde station.

TABLE B 1.—UPPER AIR CLIMATOLOGICAL DATA

ASWAN (A) — 1200 U.T. — MAY 1962

Pressure surface (millibar)	Heights of pressure surfaces (gpm.)				Temperature (°C)				Dew point (°C)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
Surface of station . .	17	* 996mb.	* 998mb.	* 994mb.	17	39.5	42.0	35.4	17	5.3
1000	—	—	—	—	—	—	—	—	—	—
850	17	1525	1561	1501	17	25.5	31.5	21.0	4	— 4.9
700	17	3187	3214	3143	17	12.4	19.7	8.8	2	—16.2
600	16	4462	4531	4433	16	3 9	9.2	— 0.8	1	—20 8
500	15	5915	6001	5858	15	— 6.6	— 4.2	— 9.0	1	—26.8
400	15	7617	7712	7546	15	—19 8	—17.2	—22.2	1	—23.6
300	15	9.86	9784	9598	15	—35.2	—29.6	—38.7	—	—
200	13	12394	12517	12269	13	—53.6	—47.5	—59.7	—	—
150	13	14219	14346	14042	13	—61.8	—57.4	—67.5	—	—
100	12	16684	16825	16496	12	—72.7	—69.7	—76 0	—	—
60	10	19691	19865	19460	10	—68.7	—64.2	—76.1	—	—
40	4	23303	22400	22135	4	—55.0	—48.3	—59.8	—	—
30	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—

N = Nnmbea of observation of specified pressure surfacts.

* The aumospheric p8essure cstrected to the eleuation of the radiosonde station.

TABLE B 2.—MEAN AND EXTREME VALUES OF THE FREEZING LEVEL AND THE TROPOPAUSE THE HIGHEST WIND SPEED IN THE UPPER AIR

0000 U.T. — MAY 1962

Station	Freezing level									First tropopause									Highest wind speed			
	Mean			Highest			Lowest			Mean			Highest			Lowest						
	Altitude (gpm.)	Pressure (mb.)	Dew point (°C)	Altitude (gpm.)	Pressure (mb.)	Dew point (°C)	Altitude (gpm.)	Pressure (mb.)	Dew point (°C)	Altitude (gpm.)	Pressure (mb.)	Temperature (°C)	Altitude (gpm.)	Pressure (mb.)	Temperature (°C)	Altitude (gpm.)	Pressure (mb.)	Temperature (°C)	Altitude (gpm.)	Pressure (mb.)	Direction (000 - 360)	Speed in knots
	(N)	(N)	(N)							(N)	(N)	(N)										
Marsa Matruh (A)	3911 (31)	636 (31)	—11.3 (13)	4600	588	—	2870	714	—15.3	11634 (81)	217 (31)	—56.1 (31)	13370	168	—64.6	9570	288	—47.8	11600	210	290	116
Helwan	4046 (31)	626 (31)	—11.7 (10)	4770	572	—	2440	756	—10.4	11467 (30)	227 (30)	—53.6 (30)	14460	143	—61.7	8460	342	—36.1	12200	207	270	134
Aswan . . .(A)	4550 (17)	600 (17)	— —	5470	528	—	4090	621	—	16774 (15)	110 (15)	—70.6 (15)	20000	062	—50.6	13310	166	—72.0	18400	79	210	143

N = The number of cases the element has been observed during the monrh.

TABLE B 2.—MEAN AND EXTREME VALUES OF THE FREEZING LEVEL AND THE TROPOPAUSE ; THE HIGHEST WIND SPEED IN THE UPPER AIR

1200 U.T. — MAY 1962

Station	Freezing level									First tropopause									Highest wind speed			
	Mean			Highest			Lowest			Mean			Highest			Lowest						
	Altitude (gpm.)	Pressure (mb.)	Dew point (°C)	Altitude (gpm.)	Pressure (mb.)	Dew point (°C)	Altitude (gpm.)	Pressure (mb.)	Dew point (°C)	Altitude (gpm.)	Pressure (mb.)	Temperature (°C)	Altitude (gpm.)	Pressure (mb.)	Temperature (°C)	Altitude (gpm.)	Pressure (mb.)	Temperature (°C)	Altitude (gpm.)	Pressure (mb.)	Direction (000 - 360)	Speed in knots
	(N)	(N)	(N)							(N)	(N)	(N)										
Marsa Matruh (A)	4005 (31)	630 (31)	—11.6 (11)	4960	568	—	2370	760	— 3.5	11226 (20)	230 (30)	—53.7 (30)	12960	178	—63.2	9080	210	—43.2	10200	380	270	122
Helwan	4037 (31)	626 (31)	— —	5040	556	—	2720	730	— 3.0	10736 (25)	252 (25)	—49.5 (25)	12840	182	—61.4	9150	320	—35.2	12300	190	220	113
Aswan . . . (A)	4039 (17)	564 (17)	—22.8 (1)	5450	555	—	4480	565	—	17640 (10)	086 (10)	—74.1 (10)	19500	063	—67.5	13930	113	—66.6	14400	144	210	110

N = The number of cases the element has been observed during the month.

TABLE B 3.—NUMBER OF OCCURRENCES OF WIND DIRECTION WITHIN SPECIFIED RANGES AND THE MEAN SCALAR WIND SPEED AT THE STANDARD AND SELECTED PRESSURE SURFACES

MERSA MATRUH (A) — 0000 U.T. — MAY 1962

pressure surface (millibar)	Wind between specified ranges of direction (000-360)°																								Number of calm winds	Total number of observations (TN)	an scalar wind speed (knots)
	345-014		015-044		045-074		075-104		105-134		135-164		165-194		195-224		225-254		255-284		285-314		315-344				
	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m			
Surface of station	0	—	0	—	1	8	1	4	0	—	2	6	2	3	1	4	4	8	8	8	1	21	5	12	6	31	7
1000	0	—	0	—	1	8	1	4	0	—	2	6	2	3	1	4	4	8	8	8	1	21	5	12	6	31	7
850	7	15	3	12	0	—	0	—	0	—	0	—	1	9	0	—	2	15	3	20	8	18	7	21	0	31	17
700	3	10	2	14	0	—	0	—	0	—	0	—	0	—	0	—	3	18	9	22	7	18	7	17	0	31	18
600	1	17	2	4	0	—	0	—	0	—	0	—	0	—	0	—	3	21	11	30	8	19	6	20	0	31	22
500	1	9	0	—	1	5	0	—	0	—	0	—	0	—	0	—	6	28	13	30	4	25	6	16	0	31	25
400	0	—	2	11	0	—	0	—	0	—	0	—	0	—	1	5	4	34	15	39	3	21	6	24	0	31	31
300	2	24	0	—	0	—	0	—	0	—	0	—	0	—	2	32	1	32	10	43	6	27	5	26	0	26	33
200	1	19	0	—	0	—	0	—	0	—	0	—	0	—	0	—	5	39	6	44	3	28	2	26	0	17	36
150	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	5	47	8	38	2	44	1	20	0	16	40
100	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	3	48	4	28	1	36	0	—	0	8	36
60	—	—		—	0	—	0	—	0	—	0	—	0	—	0	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

N= The number of cases the wind has been observed from the range of direction during the month.

TN= The total number of cases the wind has been observed for all directions during the month.

TABLE B 3.—NUMBER OF OCCURRENCES OF WIND DIRECTION WITHIN SPECIFIED RANGES AND THE MEAN SCALAR WIND SPEED AT THE STANDARD AND SELECTED PRESSURE SURFACES

MERSA MATRUH (A) — 1200 U.T. — MAY 1962

pressure surface (millibar)	Wind between specified ranges of direction (000-360)°																								Number of calm winds	Total number of observations (TN)	Mean scalar wind speed (knots)
	345-014		015-044		045-074		075-104		105-134		135-164		165-194		195-224		225-254		255-284		285-314		315-344				
	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m			
Surface of station	6	16	6	12	1	15	0	—	0	—	0	—	0	—	0	—	0	—	0	—	3	19	15	14	0	31	15
1000	6	16	6	12	1	15	0	—	0	—	0	—	0	—	0	—	0	—	0	—	5	19	13	14	0	31	15
850	5	11	1	6	1	6	1	7	0	—	1	19	6	—	0	—	3	14	5	17	4	18	10	10	0	31	13
700	4	20	3	10	0	—	0	—	1	12	0	—	1	39	1	28	3	25	4	22	7	16	7	17	0	31	19
600	2	10	1	9	1	8	0	—	0	—	0	—	0	—	1	22	4	28	9	25	5	20	8	21	0	31	21
500	1	11	1	6	0	—	0	—	6	—	0	—	0	—	1	17	6	25	11	27	8	22	3	22	0	31	23
400	1	15	0	—	1	6	0	—	0	—	0	—	0	—	1	23	4	40	15	35	7	29	2	26	0	31	32
300	2	24	0	—	0	—	0	—	0	—	0	—	0	—	0	—	8	26	9	53	6	26	2	24	0	27	35
200	1	29	0	—	0	—	0	—	0	—	0	—	0	—	1	29	8	48	8	27	2	38	0	—	0	20	37
150	1	21	0	—	0	—	0	—	0	—	0	—	0	—	3	29	1	35	6	31	2	20	1	6	0	14	23
100	1	21	0	—	0	—	2	8	0	—	0	—	—	—	1	21	1	33	2	20	0	—	0	—	—	7	18
60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

N= The number of cases the wind has been observed from the range of direction during the month.

TN= The total number of cases the wind has been observed for all directions during the month.

TABLE B 3.—NUMBER OF OCCURRENCES OF WIND DIRECTION WITHIN SPECIFIED RANGES AND THE MEAN SCALAR WIND SPEED AT THE STANDARD AND SELECTED PRESSURE SURFACES

HELWAN — 0000 U.T. — MAY 1962

pressure surface (millibar)	Wind between specified ranges of direction (000-360)°																								Number of calm winds	Total number of observations (TN)	Mean scalar wind speed (knots)
	345–014		015–044		045–074		075–104		105–134		135–164		165–194		195–224		225–254		255–284		285–314		315–344				
	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m			
Surface of station	9	7	8	11	5	12	0	—	1	6	0	—	0	—	1	10	1	7	0	—	0	—	3	8	3	31	8
1000	2	6	3	8	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	5	7
850	4	16	10	17	2	19	1	10	0	—	0	—	1	27	0	—	1	18	6	20	5	11	1	17	0	31	17
700	6	16	3	12	0	—	0	—	0	—	1	7	0	—	1	23	3	16	11	22	3	11	3	13	0	31	17
600	4	10	2	16	0	—	0	—	1	7	0	—	0	—	1	22	5	16	13	33	1	14	4	11	0	31	21
500	1	14	2	25	1	10	0	—	0	—	1	2	0	—	0	—	2	12	15	34	6	20	3	25	0	31	26
400	0	—	3	24	0	—	0	—	0	—	0	—	0	—	0	—	4	24	13	46	6	20	4	29	0	30	33
300	0	—	2	30	1	17	0	—	0	—	0	—	0	—	1	40	5	56	10	42	7	41	3	33	0	29	41
200	3	27	0	—	0	—	0	—	0	—	0	—	0	—	1	65	5	53	10	60	2	47	0	—	0	21	53
150	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	62	6	52	8	35	0	—	2	49	0	17	44
100	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	4	2	52	4	31	2	56	1	22	0	10	37
60	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	34	0	—	0	—	1	9	0	3	25
40	0	—	0	—	0	—	0	—	0	—	0	—	1	13	0	—	0	—	0	—	0	—	0	—	0	1	13
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

N = The number of cases the wind has been observed from the range of direction during the month.

TN = The total number of cases the wind has been observed for all directions during the month.

TABLE B 3.—NUMBER OF OCCURRENCES OF WIND DIRECTION WITHIN SPECIFIED RANGES AND THE MEAN SCALAR WIND SPEED AT THE STANDARD AND SELECTED PRESSURE SURFACES

HELWAN — 1200 U.T. — MAY 1962

pressure surface (millibar)	Wind between specified ranges of direction (000-360)°																								Number of calm winds	Total number of observations (TN)	Mean scalar wind speed (knots)
	345-014		015-044		045-074		075-104		105-134		135-164		165-194		195-224		225-254		255-284		285-314		315-344				
	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m			
Surface of station	10	14	4	15	2	15	0	—	0	—	0	—	1	6	0	—	1	20	3	13	5	13	5	14	0	31	14
1000	0	—	2	15	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	12	0	3	14
850	2	12	11	10	2	10	2	7	0	—	0	—	1	4	0	—	2	26	4	15	4	18	3	14	0	31	13
700	6	12	2	11	0	—	2	8	0	—	0	—	0	—	2	10	2	32	11	20	4	11	2	10	0	31	16
600	2	12	1	8	0	—	2	14	0	—	0	—	0	—	0	—	3	20	12	27	7	15	4	13	0	31	19
500	3	29	0	—	1	4	1	16	0	—	0	—	0	—	1	14	8	20	11	40	5	20	1	8	0	31	27
400	1	37	1	7	0	—	1	19	0	—	0	—	0	—	0	—	5	37	16	32	6	28	1	14	0	31	30
300	3	31	0	—	0	—	0	—	0	—	0	—	0	—	1	39	5	35	13	48	4	43	2	18	0	28	41
200	0	—	1	26	0	—	0	—	0	—	0	—	0	—	0	—	7	44	8	65	3	22	0	—	0	19	48
150	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	32	4	49	1	22	1	35	0	8	40
100	0	—	0	—	—	—	0	—	1	9	0	—	0	—	1	16	1	24	0	—	0	—	0	—	0	3	16
60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

N= The number of cases the wind has been observed from the range of direction during the month.

TN = The total number of cases the wind has been observed for all directions during the month.

TABLE B 3.—NUMBER OF OCCURRENCES OF WIND DIRECTION WITHIN SPECIFIED RANGES AND THE MEAN SCALAR WIND SPEED AT THE STANDARD AND SELECTED PRESSURE SURFACES

ASWAN (A) — 0000 U.T. — MAY 1962

pressure surface (millibar)	Wind between specified ranges of direction (000-360)°																								Number of calm winds	Total number of observations (TN)	Mean scalar wind speed (knots)
	345–014		015–044		045–074		075–104		105–134		135–164		165–194		195–224		225–254		255–284		285–314		315–344				
	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m			
Surface of station	8	9	0	—	2	5	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	3	8	4	17	6
1000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
850	3	14	3	13	2	5	0	—	0	—	0	—	0	—	1	6	0	—	2	13	2	22	4	19	0	17	14
700	3	8	1	11	0	—	0	—	0	—	0	—	1	6	3	11	3	10	4	21	0	—	2	15	0	17	13
600	1	13	1	8	0	—	0	—	0	—	1	—	0	—	3	17	4	16	3	9	4	23	0	—	0	17	16
500	0	—	0	—	0	—	1	4	0	—	0	—	1	21	4	18	4	21	3	30	4	13	0	—	0	17	19
400	0	—	0	—	0	—	0	—	0	—	0	—	2	12	3	29	3	35	5	30	4	19	0	—	0	17	26
300	0	—	0	—	0	—	0	—	0	—	0	—	0	—	6	30	7	34	4	48	0	—	0	—	0	17	36
200	0	—	0	—	0	—	0	—	0	—	0	—	0	—	9	54	4	58	2	59	0	—	0	—	0	15	56
150	0	—	0	—	0	—	0	—	0	—	0	—	0	—	8	69	5	71	0	—	0	—	0	—	0	13	70
100	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	100	1	57	0	—	0	—	0	—	[illegible]	[illegible]	[illegible]
60	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	35	0	—	—	—	—	1	35
40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

N = The number of cases the wind has been observed from the range of direction during the month.

TN = The total number of cases the wind has been observed for all directions during the month.

TABLE B 3.—NUMBER OF OCCURRENCES OF WIND DIRECTION WITHIN SPECIFIED RANGES AND THE MEAN SCALAR WIND SPEED AT THE STANDARD AND SELECTED PRESSURE SURFACES

ASWAN (A) — 1200 U.T. — MAY 1962

Pressure surface (millibar)	Wind between specified ranges of direction (000-360)°																								Number of calm winds	Total number of observations (TN)	Mean scalar wind speed (knots)
	345-014		015-044		045-074		075-104		105-134		135-164		165-194		195-224		225-254		255-284		285-314		315-344				
	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m			
Surface of station	9	6	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	3	0	—	1	6	6	17	03
1000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
850	3	10	1	4	0	—	0	—	0	—	0	—	0	—	2	6	3	10	2	8	5	11	1	11	0	17	9
700	1	19	1	8	0	—	1	14	0	—	1	13	1	19	4	18	1	13	5	20	1	13	1	22	0	17	17
600	0	—	1	8	0	—	0	—	0	—	1	4	3	20	3	14	3	19	3	24	1	45	1	17	0	16	19
500	1	10	0	—	0	—	0	—	0	—	0	—	1	20	2	22	7	20	2	20	2	24	0	—	0	15	20
400	1	12	0	—	0	—	0	—	0	—	0	—	0	—	5	30	3	30	5	13	1	28	0	—	0	15	22
300	0	—	0	—	0	—	0	—	0	—	0	—	0	—	6	39	4	28	3	29	1	40	0	—	0	14	34
200	0	—	0	—	0	—	0	—	0	—	0	—	0	—	5	59	4	57	3	52	0	—	0	—	0	12	56
150	0	—	0	—	0	—	0	—	0	—	0	—	0	—	4	62	5	62	0	—	0	—	0	—	0	9	62
100	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	80	2	61	0	—	0	—	0	—	0	3	67
60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

N= The number of cases the wind has been observed from the range of direction during the month.

TN = The total number of cases the wind has been observed for all directions during the month.

REVIEW OF AGRO-METEOROLOGICAL STATION AT GIZA

MAY—1962

This month was practically normal as regards the mean air temperature and humidity, but subnormal as regards the total rainfall. The mean air temperature at 2 metres above ground was slightly below normal (-0.1°C); the mean relative humidity was slightly above normal (+2%) and the total rainfall was below normal by 2 mms. The month was characterized by two moderate heat waves having their peaks on the 2nd and 16 th. during which occurred the absolute maximum air temperature for the month (38.°C) . On the 2nd occurred also the lowest relative humidity for the month.

The extreme maximum soil temperature in the dry field at depths between 0.3 & 50 cms. inclusive was lower than its corresponding value of last May; the maximum deviation was -5.6°C at 1 cm. depth. At 100 & 200 cms. depths, its values were slightly higher (+0.1°C) than last year values, while at 300 cms depth, its value was rather equal. The extreme minimum soil temperature in the same field at depths 0.3 , 1 & 2 cms. was lower than its corresponding values of last May; the maximum deviation being 1.8°C at 0.3 cm. depth. At depths between 5 & 300 cms. inclusive ; its values were higher than last May values (the maximum deviation was + 1.1°C at 10 cms depth), with the exception of 100 cms depth where its value was lower by 0.2°C than last May value.

For the month as a whole, the daily mean wind speed at 2 metres above ground was higher by (0.4 m/sec.) than the corresponding value of May 1961. The mean daily Piche evaporation, water pan evaporation and potential evaporation were slightly higher (i.e. 0.6, 0.06 & 0.1 mms respectively). while the potential evapotranspiration was slightly lower (-0.2 mm.) than the corresponding values of last May. The total actual duration of bright sunshine was 12 hours more than the corresponding value of May 1961.

REVIEW OF AGRO-METEOROLOGICAL STATION AT TAHRIR

MAY 1962

This month was characterized by two distinct heat waves with peaks on the 2nd. and 16 th. respectively. Comparing with May 1961, we find that the mean deviations were (-1.1°C, -1.4°C) in mean and maximum air temperatures respectively, + 8% in relative humidity, +0.9 mm. in vapour pressure, and +0.7 mm. in Piche evaporation. Total rainfall was only trace against 0.5 mm. last May.

Highest observed soil temperatures were systematically lower than last year 5.8°C at 1 cm. to 1.0°C at 1 metre), while lowest observed soil temperatures were lower from the surface to 5 cms (2.9°C at 0.3 cm., 1.6°C at 5 cms.), then fluctuated insignificantly deeper.

No material change was noticed between the values of the mean wind speed at 2 metres above ground, mean acual sunshine duration and mean (Solar + Sky) radiation this month and their corresponding values of last May.

TABLE C 1—AIR TEMPERATURES AT 2 METRES ABOVE GROUND; ABSOLUTE MINIMUM AIR TEMPERATURES AT 5 CMS ABOVE GROUND ON DIFFERENT FIELDS

GIZA — MAY 1962

Date	Air temperature (°C)					Duration in hours to the nearest half hour of air temperature above the following values										
	Max.	Min.	Mean of the day	Night time mean	Day time mean	—5 °C	0 °C	5 °C	10 °C	15 °C	20 °C	25 °C	30 °C	35 °C	40 °C	45 °C
1	34.3	15.3	25.2	21.4	28.1	24.0	24.0	24.0	24.0	24.0	17.5	11.5	6.5	0.0	0.0	0.0
2	38.5	16.2	28.3	21.4	31.4	24.0	24.0	24.0	24.0	24.0	17.5	15.5	14.0	6.0	0.0	0.0
3	29.8	16.5	24.1	27.9	25.6	24.0	24.0	24.0	24.0	24.0	20.5	10.0	0.0	0.0	0.0	0.0
4	27.4	14.0	19.8	17.3	22.3	24.0	24.0	24.0	24.0	20.5	11.0	4.5	0.0	0.0	0.0	0.0
5	27.4	10.9	19.7	16.3	21.6	24.0	24.0	24.0	24.0	18.5	11.5	4.5	0.0	0.0	0.0	0.0
6	32.4	15.0	22.5	18.6	25.8	24.0	24.0	24.0	24.0	24.0	15.5	8.0	3.5	0.0	0.0	0.0
7	26.7	13.4	20.4	18.5	22.5	24.0	24.0	24.0	24.0	22.5	12.0	4.0	0.0	0.0	0.0	0.0
8	24.9	13.6	19.0	17.2	20.8	24.0	24.0	24.0	24.0	20.5	9.5	0.0	0.0	0.0	0.0	0.0
9	25.5	12.5	19.0	16.3	20.8	24.0	24.0	24.0	24.0	18.5	10.0	0.0	0.0	0.0	0.0	0.0
10	27.9	14.4	20.9	17.3	22.7	24.0	24.0	24.0	24.0	23.0	13.5	6.0	0.0	0.0	0.0	0.0
11	29.9	13.0	22.0	18.4	24.2	24.0	24.0	24.0	24.0	21.0	15.0	8.5	0.0	0.0	0.0	0.0
12	30.7	14.5	22.8	19.5	25.2	24.0	24.0	24.0	24.0	24.0	16.5	9.5	0.0	0.0	0.0	0.0
13	31.9	15.0	23.2	19.7	25.6	24.0	24.0	24.0	24.0	24.0	16.0	9.5	4.0	0.0	0.0	0.0
14	33.1	14.1	23.6	20.1	26.2	24.0	24.0	24.0	24.0	22.5	16.0	10.5	5.5	0.0	0.0	0.0
15	34.6	17.1	24.7	20.7	27.1	24.0	24.0	24.0	24.0	24.0	15.5	11.5	6.5	0.0	0.0	0.0
16	38.5	16.3	27.4	22.1	30.7	24.0	24.0	24.0	24.0	24.0	19.0	14.5	9.5	5.0	0.0	0.0
17	35.6	15.3	26.4	23.2	29.3	24.0	24.0	24.0	24.0	24.0	18.5	13.0	8.5	1.5	0.0	0.0
18	33.0	17.3	24.4	22.5	26.9	24.0	24.0	24.0	24.0	24.0	18.5	10.5	5.0	0.0	0.0	0.0
19	32.2	17.4	23.7	20.4	25.6	24.0	24.0	24.0	24.0	24.0	16.0	9.5	4.5	0.0	0.0	0.0
20	32.4	16.7	24.3	20.8	26.4	24.0	24.0	24.0	24.0	24.0	16.0	11.0	6.0	0.0	0.0	0.0
21	35.0	16.3	25.9	21.8	28.3	24.0	24.0	24.0	24.0	24.0	17.5	13.0	8.0	0.0	0.0	0.0
22	35.5	15.4	25.8	22.9	28.7	24.0	24.0	24.0	24.0	24.0	19.5	12.5	8.0	0.0	0.0	0.0
23	32.5	18.9	24.2	22.2	26.5	24.0	24.0	24.0	24.0	24.0	18.0	9.5	5.0	0.0	0.0	0.0
24	30.5	17.1	23.7	20.8	25.7	24.0	24.0	24.0	24.0	24.0	18.0	10.0	0.0	0.0	0.0	0.0
25	31.1	15.9	23.6	20.9	25.4	24.0	24.0	24.0	24.0	24.0	18.0	10.0	0.0	0.0	0.0	0.0
26	33.3	16.4	25.8	22.1	28.5	24.0	24.0	24.0	24.0	24.0	20.0	12.5	8.5	0.0	0.0	0.0
27	31.0	17.5	24.8	22.3	26.9	24.0	24.0	24.0	24.0	24.0	20.5	12.0	2.0	0.0	0.0	0.0
28	30.8	16.8	24.1	21.7	26.1	24.0	24.0	24.0	24.0	24.0	18.5	10.5	1.5	0.0	0.0	0.0
29	31.5	17.8	24.4	21.2	26.5	24.0	24.0	24.0	24.0	24.0	17.5	8.0	4.5	0.0	0.0	0.0
30	33.2	17.3	25.0	21.6	27.2	24.0	24.0	24.0	24.0	24.0	17.5	12.0	6.0	0.0	0.0	0.0
31	34.0	18.6	25.7	22.8	27.3	24.0	24.0	24.0	24.0	24.0	18.0	13.0	7.0	0.0	0.0	0.0
Total	—	—	—	—	—	744.0	744.0	744.0	744.0	719.0	508.5	295.0	124.0	17.5	0.0	0.0
Mean	31.8	15.7	23.7	20.6	26.0	24.0	24.0	24.0	24.0	23.2	16.4	9.5	4.0	0.6	0.0	0.0

Highest Maximum At 2 Metres 38.5°C On 2nd & 16th — **Highest Minimum** at 2 Metres 18.9°C On 23rd

Lowest Maximum At 2 Metres 22.9°C On 8th — **Lowest Minimum** at 2 Metres 10.9°C On 5th

Absolute Minimum Temperature At 5 cms. Above Dry Soil 7.0 °C On 5th.

" " " " " Wet Soil 8.1 °C On 5th.

" " " " " Grass 6.2 °C On 5th.

TABLE C 1—AIR TEMPERATURES AT 2 METRES ABOVE GROUND; ABSOLUTE MINIMUM AIR TEMPERATURES AT 5 CMS ABOVE GROUND ON DIFFERENT FIELDS

TAHRIR — MAY 1962

Date	Air temperature (°C)					Duration in hours to the nearest half hour of air temperature above the following values										
	Max.	Min.	Mean of the day	Night time mean	Day time mean	—5 °C	0 °C	5 °C	10 °C	15 °C	20 °C	25 °C	30 °C	35 °C	40 °C	45 °C
1	33.4	15.4	22.6	19.0	25.5	24.0	24.0	24.0	24.0	24.0	13.0	8.0	4.0	0.0	0.0	0.0
2	36.7	15.2	25.8	18.5	29.5	24.0	24.0	24.0	24.0	24.0	16.5	13.5	8.5	3.5	0.0	0.0
3	27.6	15.0	22.6	24.7	24.3	24.0	24.0	24.0	24.0	24.0	17.0	7.5	0.0	0.0	0.0	0.0
4	25.8	12.2	18.5	15.7	21.1	24.0	24.0	24.0	24.0	17.0	9.5	0.0	0.0	0.0	0.0	0.0
5	27.6	10.6	19.1	14.8	21.7	24.0	24.0	24.0	24.0	17.0	11.0	5.0	0.0	0.0	0.0	0.0
6	31.2	13.6	21.2	17.1	24.6	24.0	24.0	24.0	24.0	21.5	13.0	7·0	0.5	0.0	0.0	0.0
7	26.4	13.8	19.2	16.8	21.5	24.0	24.0	24.0	24.0	21.5	10.0	1.0	0.0	0.0	0.0	0.0
8	25.2	13.8	18.7	16.0	20.9	24.0	24.0	24.0	24.0	20.0	9.5	0.0	0.0	0.0	0.0	0.0
9	25.1	13.2	18.6	15.5	20.8	24.0	24.0	24.0	24.0	17.5	10.0	0.0	0.0	0.0	0.0	0.0
10	27.8	13.0	19.8	15.9	22.3	24.0	24.0	24.0	24.0	18.0	11.5	5.5	0.0	0.0	0.0	0.0
11	30.9	11.8	21.0	16.4	23.9	24.0	24.0	24.0	24.0	18.0	13.0	8.0	0.0	0.0	0.0	0.0
12	31.0	13.9	22.0	17.9	25.1	24.0	24.0	24.0	24.0	21.0	13.0	9.0	2.5	0.0	0.0	0.0
13	32.3	14.4	22.2	17.7	25.6	24.0	24.0	24.0	24.0	23.0	12.5	9.0	4.5	0.0	0.0	0.0
14	33.5	14.5	23.2	18.0	26.8	24.0	24.0	24.0	24.0	23.0	14.0	10.0	6.0	0.0	0.0	0.0
15	34.8	16.6	24.4	19.0	27.6	24.0	24.0	24.0	24.0	24.0	14.5	11.0	7.5	0.0	0.0	0.0
16	38.4	15.2	26.5	20.2	30.9	24.0	24.0	24.0	24.0	24.0	17.0	13.0	9.5	5.5	0.0	0.0
17	35.0	15.4	25.1	20.8	28.8	24.0	24.0	24.0	24.0	24.0	17.0	12.0	8.0	0.0	0.0	0.0
18	31.7	17.0	23.1	20.6	25.9	24.0	24.0	24.0	24.0	24.0	14.0	9.0	2.5	0.0	0.0	0.0
19	32.5	14.9	22.5	18.0	25.4	24.0	24.0	24.0	24.0	24.5	14.0	9.0	3.5	0.0	0.0	0.0
20	33.6	16.9	23.6	19.2	26.4	24.0	24.0	24.0	24.0	23.5	14.5	9.5	5.5	0.0	0.0	0.0
21	35.6	14.8	24.6	19.2	28.2	24.0	24.0	24.0	24.0	24.0	15.5	11.0	7.5	0.0	0.0	0.0
22	33.8	15.9	24.1	20.3	27.4	24.0	24.0	24.0	24.0	24.0	16.0	10.0	5.5	0.0	0.0	0.0
23	32.1	16.0	22.8	19.9	25.5	24.0	24.0	24.0	24.0	24.0	14.0	8.5	3.0	0.0	0.0	0.0
24	29.8	15.8	22.1	18.6	24.5	24.0	24.0	24.0	24.0	24.0	15.0	7.5	0.0	0.0	0.0	0.0
25	30.6	15.4	22.3	18.9	24.9	24.0	24.0	24.0	24.0	24.0	15.0	8.0	0.0	0.0	0.0	0.0
26	33.1	15.5	23.7	19.1	27.0	24.0	24.0	24.0	24.0	24.0	16.5	10.5	4.0	0.0	0.0	0.0
27	31.2	16.3	23.3	19.9	25.8	24.0	24.0	24.0	24.0	24.0	16.0	9.5	0.5	0.0	0.0	0.0
28	30.6	15.2	22.5	19.4	25.0	24.0	24.0	24.0	24.0	24.0	15.0	8.0	0.5	0.0	0.0	0.0
29	32.3	15.4	23.4	19.2	26.1	24.0	24.0	24.0	24.0	24.0	16.0	10.0	4.5	0.0	0.0	0.0
30	33.6	16.7	24.5	20.1	27.4	24.0	24.0	24.0	24.0	24.0	17.0	11.0	6.5	0.0	0.0	0.0
31	34.6	17.0	25.2	20.7	28.0	24.0	24.0	24.0	24.0	24.0	16.5	11.5	7.5	0.0	0.0	0.0
Total	—	—	—	—	—	744.0	744.0	744.0	744	697	437	252.5	10.2	9.0	0.0	0.0
Mean	31.5	14.9	22.5	18.6	25.4	24.0	24.0	24.0	24.0	22.5	14.1	8.1	3.3	0.3	0.0	0.0

Highest Maximum At 2 Metres 38.4°C On 16nd

Lowest Maximum At 2 Metres 25.1°C On 9th

Highest Minimum At 2 Metres 17.0°C On 18th—31st

Lowest Minimum At 2 Metres 10.6°C On 5th

Absolute Minimum Temperature At 5 cms. Above Dry Soil 4.5 °C On 12th.

" " " " " Wet Soil — —

" " " " " Grass — —

TABLE C 2.—WIND SPEED, (SOLAR + SKY) RADIATION, DURATION OF BRIGHT SUNSHINE, RELATIVE HUMIDITY AND VAPOUR PRESSURE AT 2 METRES ABOVE GROUND, EVAPORATION AND RAINFALL

GIZA — MAY 1962

Date	Wind speed metres per second			Solar + sky radiation gm. cal./cm²	Duration of bright sunshine in hours			Relative humidity hours of duration		Relative humidity %		Vapour pressure in millimeters		Evaporation in millimeters		Amount of rainfall in millimeters
	Mean of the day	Nigh time mean	Day time mean		Total actual	Total possible	Percentage %	90% ∧	80% ∧	Mean of the day	at 1200 U.T.	Mean of the day	at 1200 U.T.	Piche	Pan class (A)	
1	2.1	1.4	3.2	599	10.8	13.3	81	0	2	40	23	9.4	8.6	19.5	10.42	Tr.
2	1.7	1.4	2.1	439	6.8	13.3	51	0	5	38	13	8.3	6.3	26.9	12.78	Tr.
3	3.5	2.1	5.5	617	11.6	13.4	87	0	0	65	41	12.3	11.8	17.9	10.93	0.0
4	3.1	2.5	4.0	673	12.4	13.4	93	0	3	56	29	8.6	7.4	16.7	9.49	0.0
5	2.0	1.7	2.8	668	12.4	13.4	93	0	3	44	24	6.7	5.8	18.5	10.82	0.0
6	3.7	2.1	5.9	489	7.7	13.4	57	0	1	43	20	7.7	6.9	23.1	10.28	0.0
7	2.7	1.4	4.5	643	11.3	13.5	84	0	2	54	32	8.8	7.7	17.0	11.93	0.0
8	2.7	2.0	3.8	431	7.0	13.5	52	0	0	58	41	9.4	9.0	12.4	6.84	0.0
9	2.3	1.3	3.6	547	9.6	13.5	71	0	0	60	48	10.2	10.2	12.5	8.98	0.0
10	2.3	1.7	3.2	660	11.7	13.6	86	0	8	58	35	10.0	9.3	15.1	8.55	0.0
11	2.0	1.5	2.7	605	12.4	13.6	91	0	0	49	27	9.0	7.8	17.2	10.11	0.0
12	2.8	2.2	3.6	610	12.2	13.6	90	0	4	59	31	9.6	9.4	19.6	11.61	0.0
13	3.5	2.7	4.7	640	11.5	13.6	85	0	7	57	27	10.6	9.0	23.2	12.31	0.0
14	3.5	2.8	4.4	640	12.3	13.6	90	0	8	62	27	11.5	9.4	20.4	10.94	0.0
15	3.9	2.9	5.3	619	11.2	13.6	82	6	9	61	23	10.9	9.2	24.3	14.23	0.0
16	3.6	2.8	4.7	625	12.5	13.7	91	0	5	46	19	10.7	9.4	30.3	16.06	0.0
17	3.7	3.0	4.7	649	12.4	13.7	91	0	3	47	20	10.4	8.6	27.2	15.97	0.0
18	3.3	2.8	4.0	610	12.0	13.7	88	0	4	65	26	12.2	9.2	19.3	12.02	0.0
19	3.3	2.9	3.9	631	11.1	13.7	81	0	7	60	34	11.9	10.8	17.6	11.59	0.0
20	3.0	2.8	3.3	635	11.5	13.8	83	0	6	52	28	10.4	9.7	30.9	11.62	0.0
21	3.3	2.8	4.0	618	12.5	13.8	91	0	3	48	20	10.1	7.9	24.9	13.54	0.0
22	2.8	2.2	3.5	613	12.2	13.8	88	0	3	51	23	10.9	8.8	21.8	13.50	0.0
23	3.4	3.2	3.6	595	10.8	13.8	78	0	8	64	34	12.6	11.2	17.8	11.45	0.0
24	3.0	2.8	3.3	6 6	12.6	13.8	91	0	0	51	29	10.3	9.0	17.5	11.14	0.0
25	2.3	2.0	2.7	650	12.3	13.8	89	0	2	54	29	10.5	8.9	16.6	11.02	0.0
26	1.8	1.5	2.1	618	12.4	13.8	90	0	4	48	26	11.0	9.2	20.1	11.88	0.0
27	3.0	3.1	2.9	628	12.5	13.9	90	0	4	52	30	11.4	9.5	18.4	10.49	0.0
28	2.9	2.4	3.6	640	12.3	13.9	88	0	5	55	35	11.7	11.0	18.7	10.34	0.0
29	3.6	3.1	4.3	628	12.2	13.9	88	0	6	58	37	12.4	11.8	20.1	11.90	0.0
30	3.1	2.6	3.9	612	12.0	13.9	86	0	6	62	34	13.2	12.0	19.7	10.89	0.0
31	3.2	2.9	3.7	575	10.0	13.9	72	0	8	61	33	12.8	11.9	19.6	11.87	0.0
Total	—	—	—	18933	350.8	422.3	2578	6	126	—	—	—	—	614.8	356.50	Tr.
Mean	2.9	2.3	3.8	611	11.4	13.7	83	0.2	4.1	54	29	10.5	9.2	19.8	11.47	—

Maximum Amount Of Rainfall In One Day . . . . . Tr. mms. On 1st, 2nd

Lowest Value Of Relative Humidity . . . . . 13 % On 2nd

Highest Value Of Vapour Pressure . . . . . 16.2 mms. On 31st

Lowest Value Of Vapour pressure . . . . . 4.2 mms. On 5th

TABLE C 2—WIND SPEED, (SOLAR + SKY) RADIATION, DURATION OF BRIGHT SUNSHINE, RELATIVE HUMIDITY AND VAPOUR PRESSURE AT 2 METRES ABOVE GROUND, EVAPORATION AND RAINFALL

TAHRIR — MAY 1962

Date	Wind speed metres per second			Solar + sky radiation gm. cal./cm²	Duration of bright sunshine in hours			Relative humidity hours of duration		Relative humidity %		Vapour pressure in millimeters		Evaporation in millimeters		Amount of rainfall in millimeters
	Mean of the day	Night time mean	Day time mean		Total actual	Total possible	Percentage %	90% ∧	80% ∧	Mean of the day	at 1200 U.T.	Mean of the day	at 1200 U.T.	Piche	Pan class (A)	
1	3.6	3.1	4.2	580	11.0	13.4	92	0	4	68	29	11.7	10.1	16.0	10.93	0.0
2	3.5	2.4	5.0	427	7.7	13.4	57	0	5	46	17	9.3	7.6	27.8	18 66	0.0
3	6.2	4.3	8.7	622	11.8	13.4	88	0	1	63	42	11.5	11.1	19.8	13.84	0.0
4	4.4	3.7	5.5	659	12.3	13.4	92	0	6	62	37	9.4	8.6	14.7	10.70	0.0
5	3.0	2.9	3.0	660	12.5	13.4	93	0	4	48	23	7.2	5.6	18.0	12.14	0.0
6	5.6	3.8	8.0	342	4.9	13.5	36	0	0	38	21	7.3	6.4	24.8	14.89	0.0
7	4.1	2.7	6.3	597	12.0	13.5	89	0	0	64	34	9.5	8.1	19.3	12.58	0.0
8	4.9	3.8	6.6	527	10.8	13.5	80	0	0	62	42	9.7	9.2	16.2	11.32	Tr.
9	3.8	3.5	4.2	457	9.0	13.6	66	0	2	70	45	11.0	10.0	12.0	9.27	Tr.
10	3.6	3.1	4.3	643	12.3	13.6	90	5	8	61	32	13.1	8.4	13.7	11.00	0.0
11	2.4	2.0	2.9	630	11.7	13.6	86	1	6	61	23	9.7	6.7	15.6	10.96	0.0
12	3.2	2.5	4.1	634	12.4	13.6	92	4	8	63	25	10.5	8.1	16.2	10.60	0.0
13	4.0	2.8	5.7	620	10.7	13.6	79	6	8	64	27	7.4	9.6	22.4	15.20	0.0
14	4.0	2.9	5.7	635	12.7	13.6	93	2	6	66	24	11.8	9.2	20.9	13.80	0.0
15	4.2	3.1	5.8	585	10.2	13.7	74	8	9	67	25	11.6	10.3	26.5	16.39	0.0
16	3.9	2.7	5.7	622	12.9	13.7	94	0	5	42	13	9.7	7.9	28.6	18.45	0.0
17	3.7	2.5	5.6	649	12.7	13.7	93	0	6	46	19	9.8	7.8	24.7	17.43	0.0
18	4.5	3.4	6.3	646	12.4	13.8	90	0	9	70	32	12.8	10.9	17.0	12.90	0.0
19	4.1	3.9	4.4	639	12.5	13.8	91	4	8	64	34	12.0	10.9	15.6	12.00	0.0
20	3.4	3.3	3.6	618	10.9	13.8	79	3	7	64	23	11.1	8.3	17.3	12.99	0.0
21	3.4	2.8	4.1	643	12.7	13.8	92	0	9	60	20	11.1	7.8	20.4	14.39	0.0
22	3.3	2.5	4.5	640	12.3	13.8	89	0	8	68	32	13.4	12.0	19.0	13.11	0.0
23	3.9	3.2	4.9	631	11.5	13.8	83	3	8	72	31	12.7	10.3	16.8	12.43	0.0
24	3.5	2.5	4.8	680	13.0	13.8	94	0	6	62	34	11.6	10.1	15.5	11.83	0.0
25	2.9	2.0	4.2	668	12.7	13.9	91	0	6	67	34	12.3	10.2	14.2	11.45	0.0
26	2.7	2.0	3.6	635	12.4	13.9	89	0	6	58	27	12.1	9.8	16.2	13.11	0.0
27	2.9	2.6	3.4	624	12.7	13.9	91	0	7	66	33	12.8	10.3	12.5	10.55	0.0
28	3.5	3.0	4.2	641	12.5	13.9	90	4	8	68	33	12.4	10.0	14.0	10.20	0.0
29	3.6	2.8	4.6	640	12.3	13.9	88	5	8	65	35	12.7	11.8	16.0	13.15	0.0
30	3.9	3.0	5.1	646	11.5	14.0	88	3	6	64	29	12.9	11.1	19.9	12.15	0.0
31	3.8	3.4	4.3	578	10.6	14.0	76	4	6	72	32	14.1	11.9	17.8	13.30	0.0
Total	—	—	—	18818	357.6	424.3		52	180	—	—	—	—	569.4	401.72	Tr.
Mean	3.8	3.0	5.0	607.0	11.5	13.7	84	1.7	5.8	62	29	11.1	9.4	18.4	12.96	—

Maximum Amount Of Rainfall In One Day . . . . . Tr. mms. On 8th, 9th
Lowest Value Of Relative Humidity . . . . . 15 % On 16th
Highest Value Of Vapour Pressure . . . . . 16.9 mms. On 31st
Lowest Value Of Vapour Pressure . . . . . 4.7 mms. On 6th

TABLE C 3—EXTREME SOIL TEMPERATURES AT DIFFERENT DEPTHS IN DIFFERENT FIELDS

GIZA — MAY 1962

Depth in cms.	Dry Soil		Wet Soil		Grass	
	Highest °C	Lowest °C	Highest °C	Lowest °C	Highest °C	Lowest °C
0.3	63.5	12.5	35.4	12.8	34.7	15.2
1	55.6	14.0	33.0	12.8	29.2	15.2
2	53.0	14.5	31.1	12.9	28.2	15.4
5	41.9	18.6	30.7	14.7	27.4	16.8
10	35.2	22.4	30.0	16.8	26.2	18.2
20	30.7	24.9	28.5	19.0	24.6	19.8
50	29.2	25.6	23.2	19.9	23.2	19.8
100	27.0	24.2	21.6	19.3	21.7	19.3
200	24.5	23.2	20.0	19.0	20.9	20.0
300	23.7	23.3	—	—	—	—

TABLE C 3—EXTREME SOIL TEMPERATURES AT DIFFERENT DEPTHS IN DIFFERENT FIELDS

TAHRIR — MAY 1962

Depth in cms.	Dry Soil		Wet Soil		Grass	
	Highest °C	Lowest °C	Highest °C	Lowest °C	Highest °C	Lowest °C
0.3	52.6	11.9	—	—	—	—
1	50.0	12.2	—	—	—	—
2	49.0	12.5	—	—	—	—
5	44.4	14.9	—	—	—	—
10	38.6	18.5	—	—	—	—
20	32.5	21.9	—	—	—	—
50	28.5	23.3	—	—	—	—
100	26.6	23.2	—	—	—	—
200	24.4	22.4	—	—	—	—
300	23.4	22.2	—	—	—	—
600	23.7	23.6	—	—	—	—

TABLE C 4—NUMBER OF DAYS OF SURFACE WIND SPEED AT 10 METRES REACHING SPECIFIED LIMITS OF VELOCITY FOR AT LEAST 5 MINUTES

GIZA—MAY 1962

10 knots or more . .	31 Days	30 knots or more . .	0 Days
15 „ „ „	18 „	35 „ „ „	0 „
20 „ „ „	2 „	40 „ „ „	0 „
25 „ „ „	0 „	The highest gust 31 knots on 6 th.	

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JUNE, 1962

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METEOROLOGICAL DEPARTMENT
CAIRO

PUBLICATIONS OF THE METEOROLOGICAL DEPARTMENT OF THE UNITED ARAB REPUBLIC—CAIRO

In fulfilment of its duties, the U.A.R. Meteorological Department issues several reports and publications on weather, climate and agrometeorology. The principal publications are described on this page.

Orders for publications should be adressed to :
"The Director General, Meteorological Department, Kubri-el-Qubbeh — CAIRO".

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THE MONTHLY WEATHER REPORT

First issued in 1909, the Monthly Weather Report served to give a brief summary of the weather conditions that prevailed over Egypt during the month, with a table showing the mean values for few meteorological elements and their deviations from the normal values. From 1954 to 1957 this report was in a rapid state of development and extension resulting into a voluminous report on January 1958 giving surface, upper air, and agro-meteorological data for U.A.R.

As from January 1964, the Monthly Weather Report was pressed to give climatological data for a representative selection of synoptic stations.

THE AGRO-METEOROLOGICAL ABRIDGED MONTHLY REPORT

Gives a review of weather experienced in the agro-meteorological stations of the U.A.R. as well as monthly values of certain elements.

THE ANNUAL REPORT

This report gives annual values and statistics for the various meteorological elements, together with a summary of the weather conditions that prevailed during all months of the year.

CLIMATOLOGICAL NORMALS FOR EGYPT

A voluminous edition was issued in march 1968 which brings normals and mean values up till 1960.

METEOROLOGICAL RESEARCH BULLETIN

First issued in January 1969 on a bi-annual basis. It includes research works carried out by members of staff of "The Meteorological Institude for Research and Training" and the Operational Divisions of Meteorological Department.

TECHNICAL NOTES

As from October 1970, the Meteorological Department started to issue a new series of publications in the form of Technical Notes (non periodical) on subjects related to studies and applications of meteorology in different fields for the benefit of personnel working in these fields.

The first Technical Note I was issued in October 1970 on : Sandstorms & Duststorms in the U.A.R.

UNITED ARAB REPUBLIC

MONTHLY WEATHER REPORT

VOLUME 5 NUMBER 6

JUNE, 1962

U.D.C. 551. 506.1 (62)

METEOROLOGICAL DEPARTMENT
CAIRO

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GENERAL SUMMARY OF WEATHER CONDITIONS

JUNE 1962

Rather normal summer, mild in the north, hot in the south, characterized by four heat waves of short durations, the first two of which covered the first week.

THE MAIN FEATURES

— Excessively hot weather shortly endurable (maximum temperature 40°C) in the northern and middle districts of the Republic, but remarkably endurable in the extreme southern districts where it lasted most of the first half of the month.

— High relative humidity in the northern parts most of the last decade ; low relative humidity in general in the southern parts.

— Early morning low stratus over the Delta and Cairo areas most of the mild periods.

— Two main secondary depressions over Cyrenica and an appreciable westward elongation of the Iraq monsoon.

GENERAL DESCRIPTION OF WEATHER

The prevailing weather this month was rather mild over the northern districts of the Republic and mostly excessively hot in its southern districts. During the 1st week, two successive heat waves prevailed and maximum temperature attained 38°C at Mersa Matruh, 41°C at both Alexandria and Cairo, and 46°C at Aswan, i.e. (10, 13, 7 & 5°C) above normal respectively.

During the rest part of the month, two more heat waves were experienced but were excessively hot and shortly endurable in particular over the inland districts of the Republic where maximum temperature ranged between 42 & 45 °C.

It is worth to note the frequent early morning low stratus that developed over the Delta and Cairo areas most of the enjoyable mild periods of this month.

The monthly mean values of various meteorological elements for different districts and their deviation from their corresponding normals are given in the following table :

District	Atmospheric pressure (mb.) Corrected to M.S.L.		Air temperature (°C)						Relative humidity (%)		Total rainfall (m ms)	
			Maximum (A)		Minimum (B)		(A+B)/2					
	Mean	Deviation from normal	Mean	Deviation from normal	Mean	Deviation from normal	Mean	Deviation from normal	Mean	Deviation from normal	Mean	Deviation from normal
Mediterranean . .	1011.5	— 0.6	29.1	+ 0.7	20.0	+ 0.4	24.6	+ 0.6	69	— 3	0.0	0.0
Lower Egypt . .	1010.7	— 0.2	34.1	+ 0.6	18.4	+ 0.3	26.2	+ 0.4	51	—10	0.0	—0.1
Cairo Area. . . .	1010.3	— 0.3	35.3	+ 0.5	19.8	+ 0.2	27.6	+ 0.4	41	— 8	0.0	—0.2
Upper Egypt. . .	1008.0	— 0.7	38.9	+ 0.9	21.3	+ 0.5	30.1	+ 0.7	29	— 4	0.0	0.0
Western Desert . .	1009.4	— 1.5	38.5	+ 1.1	21.1	— 0.1	29.8	+ 0.5	23	—10	0.0	—0.1
Red Sea	1006.5	— 0.7	32.7	+ 0.3	24.4	+ 0.3	28.6	+ 0.3	46	— 8	0.0	0.0

Note : The above monthly district means for atmospheric pressure and relative humidity are computed from the corresponding means for all stations that take daily 24 hourly observations in each district.

PRESSURE DISTRIBUTION

The outstanding features of the prevailing pressure distribution this month over the surface map can be summarized in :

— Consecutive northward oscillations in the two complex monsoon low pressure systems, the 1st of which occupying Iraq, Arabia and Sudan, and the 2nd occupying the Great Sahara of Africa.

— A marked northward shift and abnormal intensification in the subtropical high pressure belt occupying middle latitudes.

— Absence of the travelling Mediterranean secondary depressions.

The summer stable pressure distribution over East Mediterranean was disturbed shortly three cunsecutive times this month, round the 9th, 19th and 23rd. On the 9th, a secondary depression developed over the Gulf of Serte, it proceeded eastward coastally and overran the U.A.R. Mediterranean coastal area by the 11th. On the 19th, another secondary low originated over Gulf of Serte, and Cyrenica, it moved slowly eastwards and approached Sinai on the 22nd. On the 23rd, the complex monsoon over Iraq, Arabia and Sudan showed an appreciable deepening and extended its influence westwards over East Mediterranean. In the last three disturbance processes, the barometric pressure over U.A.R. experienced three marked falls, though it continued subnormal the whole month over the southern districts in particular.

SURFACE WIND

The prevailing surface winds were light moderate in general ; mostly N/NW during periods (3rd-7th), (17th-18th) and (22nd-30th) ; mostly NW in the extreme west and N/NE elsewhere during periods (1st-2nd) and (12th-16th) S/SE winds blew in advance of the travelling secondary desert depressions while W/SW winds blew associating their transits during periods (8th-11th) and (19th-21st).

Gales were reported at Hurghada on the 15th.

TEMPERATURE

Maximum temperature rose excessively above its normal during the prevailing heat waves' crests over the northern and middle districts of the Republic where its values ranged between 35 & 40°C and between 40 & 45°C respectively. Otherwise it oscillated slightly round its normal and its values ranged between 27 & 32°C and between 32 & 37°C respectively. Over the southern districts, maximum temperature continued above its normal the 1st half of the month and oscillated slightly below normal most of the 2nd half, and its values ranged between 38 & 46 °C.

The absolute maximum temperature of the Republic was 47.0°C reported at Kharga on the 11th & 12th.

Minimum temperature oscillated round its normal and its values ranged between 17 & 23 °C over the northern and middle districts and between 22 & 27 °C in the far inland districts.

The absolute minimum temperature for the Republic was 13.7 °C reported at Mansoura on the 9th.

MISCELLANEOUS WEATHER PHENOMENA

Mist patches developed at : Mersa Matruh on the 19th ; Ras El Hikma on the 11th, 26th & 29th ; Dekheila on the 1st ; Alexandria on the 1st & 27th ; Port Said on the 27th ; El Arish on the 1st, 3rd, 13th, 25th & 28th ; Tahrir on the 5th, 7th, (15th-17th), 23rd, 24th & (27th-30th) ; Shebin El Kom on the 1st, 6th & 26th ; Abu Sueir on the 1st, 5th, 10th, 12th, 16th, 18th, 19th, 23rd, 24th, (26th -28th) & 30th ; Zaher on the 17th, 24th & 26th ; Cairo on the 1st, (5th-7th), 13th, 15th, 16th 18th, 23rd, 25th, 26th & 28th ; Mostafa Helmi on the 1st, (5th-7th), 13th, 16th, 17th, 24th, 25th, 27th, 29th & 30th ; Almaza on the 1st, (5th-7th), (12th-16th), 19th & (23rd-30th); Abbasiya on the 6th, 14th, 17th & (25th-27th) and at Imbaba & Giza on the 26th.

Fog patches developed at : Dekheila & Alexandria on the 6th ; Ghazza on the 28th; Tahrir on the 1st, 6th & 26th ; Abu Sueir on the 17th & 29th ; Inshas on the 26th ; Cairo on the 17th, 27th, 29th & 30th ; Mostafa Helmi on the 26th and at Almaza on the 17th.

Local rising sand or dust was reported at : Sallum on the 6th ; Sidi Barrani on the 6th, 10th & 20th ; Mersa Matruh on the 6th; Ras El Hikma on the 11th & 20th; Tahrir on the 1st, 6th & 11th ; Shebin El Kom on the 21st ; Abu Sueir on the 11th, 12th & 21st ; Zaher on the 6th, 11th, & 21st ; Inshas on the 7th & 21st; Kabrit on the 21st; Cairo on the 21st & 22nd ; Mostafa Helmi on the 11th, 12th & 22nd ; Almaza on the 13th & 21 st ; Beni Suef on the 13th ; Minya on the 12th & 13th ; Luxor on the 4th & 9th ; Aswan on the 13th & 14th ; Siwa on the 6th, 8th & 20th ; Bahariya on the 11th &21th; Frafra on the (11th - 13th) ; Dakhla on the (6th-8th) & (12th-15th) ; Kharga on the 7th, 9th & 13th ; Abu Redes on the 8th, (13-15th) & 24th; Tor on the (3rd-5th), 8th, 14th & 24th ; Hurghada on the 14th & 15th and at Quseir on the 4th, 8th & 15th.

Sand or duststorms blew over : Farafra on the 13th and over Hurghada on the 15th.

Cairo, March 1971

M. F. TAHA
Under Secretary of State
Director General
Meteorological Department

Table A 1.—MONTHLY MEAN VALUES OF ATMOSPHERIC PRESSURE AT FIXED HOURS CORRECTED TO "Hp" AND TO MEAN SEA LEVEL

JUNE 1962

District	Station	Altitude of Hp (metres)	Station Pressure (mb.) (corrected to Hp.) 0000 U.T. Mean	0000 U.T. Dev. from normal	0600 U.T. Mean	0600 U.T. Dev. from normal	1200 U.T. Mean	1200 U.T. Dev. from normal	1800 U.T. mean	1800 U.T. Dev. from normal	Altitude of the barometer cistern (metres)	Mean Sea Level Pressure (mb) (corrected to M.S.L.) 0000 U.T. Mean	0000 U.T. Dev. from normal	0600 U.T. Mean	0600 U.T. Dev. from normal	1200 U.T. Mean	1200 U.T. Dev. from normal	1800 U.T. Mean	1800 U.T. Dev. from normal
Mediterranean	Sallum	6.0	1011.8	— 0.6	1012.2	— 0.5	1012.0	— 0.6	1012.0	— 0.6	5.2	1012.3	— 0.6	1012.7	— 0.5	1012.5	— 0.6	1012.5	— 0.6
	Sidi Barrani	23.3	1008.9	— 0.7	1009.2	— 0.8	1009.1	— 1.2	1009.0	— 1.0	23.3	1011.6	— 0.7	1012.0	— 0.8	1011.7	— 1.2	1011.6	— 1.0
	Mersa Matruh (A)	30.0	1008.5	— 0.2	1009.0	— 0.2	1008.9	— 0.3	1008.8	— 0.3	30.0	1012.2	— 0.2	1012.7	— 0.2	1012.6	— 0.3	1012.5	— 0.3
	Ras El Hikma	45.8	1006.0	—	1006.8	—	1006.4	—	1005.9	—	45.8	1011.5	—	1012.2	—	1011.7	—	1011.3	—
	Dabaa	18.0	1009.2	—	1009.8	—	1009.6	—	1009.5	—	17.8	1011.2	—	1011.8	—	1011.6	—	1011.5	—
	Dekheila (A)	6.0	1011.0	—	1011.4	—	1011.3	—	1011.0	—	5.9	1011.6	—	1012.0	—	1011.9	—	1011.6	—
	Alexandria (A)	7.0	1010.3	+ 0.1	1010.9	+ 0.1	1010.7	+ 0.1	1010.5	— 0.1	6.8	1011.1	+ 0.1	1011.7	+ 0.1	1011.5	+ 0.1	1011.3	— 0.1
	Balteam	2.2	1010.8	—	[illegible]	—	1010.9	—	1011.0	—	2.2	1011.	—	1011.5	—	1011.1	—	1011.2	—
	Damietta	3.8	[illegible]	—	1011.1	— 0.1	1010.7	— 0.1	1010.6	— 0.2	3.8	1010.8	—	1011.5	— 0.1	1011.1	— 0.1	1011.0	— 0.2
	Port Said (A)	6.1	1009.6	— 0.3	1010.3	— 0.3	1009.8	— 0.3	1009.6	— 0.5	6.1	1010.3	— 0.3	1011.0	— 0.3	1010.5	— 0.3	1010.3	— 0.5
	El Arish	17.1	1008.4	— 0.1	1009.3	— 0.9	1008.6	— 0.9	1008.8	— 0.8	17.1	1010.3	— 0.1	1011.2	— 0.9	1010.5	— 0.9	1010.7	— 0.8
	Ghazza	15.7	1008.5	—	1009.4	—	1008.7	—	1008.6	—	15.7	1010.3	—	1011.2	—	1010.5	—	1010.4	—
Lower Egypt	Mansoura	4.0	1009.8	—	1011.0	— 0.1	1009.9	— 0.1	1009.9	— 0.9	3.6	1010.2	—	1011.4	— 0.1	1010.	— 0.1	1010.3	— 0.9
	Damanhour	6.7	1012.9	—	1011.2	— 0.3	1010.7	— 0.4	1011.1	— 0.1	6.7	1012.7	—	1011.9	— 0.3	1011.4	— 0.4	1011.8	— 0.1
	Giumeiza	8.9	1010.7	—	1011.0	—	1010.0	—	1010.3	—	8.9	1010.7	—	1012.0	—	1011.0	—	1011.3	—
	Tanta	14.8	1009.3	—	1009.8	— 0.7	1008.6	— 0.6	1009.1	— 0.8	15.4	1010.5	—	1012.0	— 0.7	1009.8	— 0.6	1010.3	— 0.8
	Tahrir	16.0	1009.0	—	1009.3	—	1007.8	—	1008.6	—	18.6	1011.2	—	1011.5	—	1009.9	—	1010.8	—
	Shebin El Kom	13.1	1009.5	—	1010.0	— 0.3	1008.4	— 0.6	1009.2	— 0.6	13.8	1011.0	—	1011.5	— 0.3	1009.9	— 0.6	1010.7	— 0.6
	Zagazig	13.0	1009.9	—	1010.3	— 0.3	1008.7	— 0.7	1009.7	— 0.3	13.0	1011.5	—	1011.9	— 0.3	1010.3	— 0.7	1011.3	— 0.3
	Abu Sueir (A)	16.0	1009.2	—	1009.9	—	1008.2	—	1009.2	—	16.0	1011.1	—	1011.7	—	1010.0	—	1011.0	—
	Zaher (A)	30.0	1006.3	—	1006.9	—	1005.6	—	1005.9	—	23.5	1009.9	—	1010.4	—	1008.8	—	1009.3	—
	Wadi El Natrun	0.9	1011.7	—	1012.2	+ 0.7	1010.5	+ 0.6	1011.4	+ 0.5	0.9	1011.8	—	1012.3	+ 0.7	1010.6	+ 0.6	1011.5	+ 0.5
	Inshas (A)	25.5	1006.4	—	1007.1	—	1005.8	—	1006.2	—	25.6	1009.4	—	1010.1	—	1008.7	—	1009.1	—
	Fayed (A)	22.5	1008.7	—	1009.4	—	1007.5	—	1008.4	—	22.5	1011.3	—	1011.8	—	1009.9	—	1010.8	—
	Kabrit (A)	7.6	1009.4	—	1010.2	—	1008.3	—	1008.8	—	7.6	1010.7	—	1011.5	—	1009.6	—	1010.1	—

Table A 1 *(contd.)*.—**MONTHLY MEAN VALUES OF ATMOSPHERIC PRESSURE AT FIXED HOURS CORRECTED TO "Hp" AND TO MEAN SEA LEVEL.**

JUNE 1962

District	Station	Altitude of Hp (metres)	Station Pressure (mb.) (corrected to Hp.)								Altitude of the barometer cistern (metres)	Mean Sea Level Pressure (mb) (corrected to M.S.L.)							
			0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.			0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.	
			Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal		Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal
Cairo Area	Cairo (A)	74.5	1003.1	— 0.7	1004.0	— 0.2	1002.2	— 0.6	1002.8	— 0.5	74.0	1010.6	— 0.7	1011.4	— 0.3	1009.5	— 0.6	1010.2	— 0.5
	Mostafa Helmi (A)	164.0	991.9	—	992.6	—	991.2	—	991.4	—	164.0	1010.8	—	1011.4	—	1009.4	—	1009.9	—
	Almaza)A)	78.5	1001.3	— 0.6	1001.9	— 0.6	1000.3	— 0.9	1000.9	— 0.5	78.6	1010.4	— 0.6	1010.9	— 0.4	1009.1	— 0.9	1009.9	— 0.5
	Abbasiya (H.Q.)	26.4	1008.5	—	1009.1	—	1007.4	—	1007.9	—	26.4	1011.6	—	1012.2	—	1010.4	—	1010.9	—
	Imbaba (A)	19.0	1008.3	—	1009.2	—	1007.3	—	1007.5	—	19.0	1010.4	—	1011.3	—	1009.4	—	1009.6	—
	Giza	22.5	1008.0	—	1008.6	— 0.4	1007.0	— 0.6	1007.2	— 1.0	22.5	1010.8	—	1011.5	— 0.3	1009.7	— 0.6	1009.9	— 1.1
	Helwan	140.7	994.1	—	994.9	— 0.4	993.4	— 0.6	993.7	— 0.6	140.7	1010.7	—	1011.4	— 0.4	1009.3	— 0.5	1009.9	— 0.4
Upper Egypt	Fayoum	23.3	1007.5	—	1008.3	— 0.1	1006 2	— 0.4	1006.4	— 0.2	23.3	1010.1	—	1011.1	— 0.2	1009.0	— 0.4	1009.2	— 0.2
	Beni Suef	30.4	1006.1	—	1007.2	— 0.4	1005.4	— 0.5	1005.2	— 0.7	30.0	1009.5	—	1010.6	— 0.4	1008.7	— 0.5	1008.6	— 0.6
	Minya (A)	40.5	1004.1	— 1.2	1005.3	— 1.0	1003.9	— 0.9	1003.2	— 1.1	40.3	1008.8	— 1.2	1009.9	— 1.1	1008.3	— 0.9	1007.7	— 1.1
	Asyout Mangabad (A)	69·6	1001.0	0.0	1002.4	— 0.1	1000.2	— 0.7	1000.1	— 0.4	69.5	1009.1	+ 0.1	1010.5	0.0	1007.9	— 0.5	1008.0	— 0.2
	Nag Hammadi	70.6	999.6	—	1001.2	— 0.4	998.7	— 0.9	998.8	— 0.6	70.5	1007.7	—	1009.3	— 0.3	1006.5	— 0.8	1006.6	— 0.7
	Kena	74.2	998.9	—	1000.1	— 0.2	998.6	+ 0.4	998.0	— 0.3	74.2	1007.4	—	1008.5	— 0.2	1006.7	+ 0.4	1006.4	— 0.1
	Luxor (A)	88.5	996.2	— 1.0	997.8	— 1.0	995.7	— 1.0	995.4	— 1.2	88.4	1006.3	— 1.0	1007.7	— 1.0	1005.4	— 1.0	1005.3	— 1.2
	Kom Ombo	102.6	994.2	—	995.8	—	993.7	—	993.7	—	102.6	1006.0	—	1007.3	—	1004.9	—	1005.1	—
	Aswan (A)	193.9	983.7	—	985.1	— 0.8	983.2	— 0.8	982.9	— 1.0	193.5	1005.6	—	1006.7	— 0.8	1004.1	— 0.9	1004.2	— 1.0
Western Desert	Siwa	—13.5	1013.6	— 0.1	1014.8	— 0.2	1012.8	— 0.6	1012.2	— 0.2	—13.3	1011.9	— 0.1	1013.1	— 0.3	1011.2	— 0.6	1010.6	— 0.2
	Bahariya	129.5	995.4	— 1.0	996.5	— 0.7	995.0	— 0.6	994.6	— 0.7	129.6	1010.4	— 1.1	1011.4	— 0.8	1009.3	— 0.9	1009.2	— 0.9
	Farafra	91.8	1000.5	— 0.8	1001.9	— 0.8	1000.1	— 0.7	999.6	— 0.8	92.1	1011.2	— 0.8	1012.5	— 0.8	1010.3	— 0.8	1010.0	— 0.9
	Dakhla	111.5	994.8	—	996.4	— 1.3	994.0	— 1.8	993.5	— 2.1	111.5	1007.5	—	1008.9	— 1.1	1006.1	— 2.0	1005.9	— 2.2
	Kharga	72.8	998.9	—	1000.4	— 2.0	998.7	— 2.4	998.5	— 1.5	72.9	1007.1	—	1008.5	— 1.9	1006.4	— 2.4	1006.5	—
Red Sea	Suez	11.0	1009.5	—	1010.2	0.0	1008.6	— 0.6	1008.9	+ 0.1	12.2	1010.7	—	1011.4	0.0	1009.8	— 0.6	1010.1	+ 0.1
	Abu Redes	4.0	1006.9	—	1008.2	—	1006.6	—	1006.5	—	4.0	1007.5	—	1008.6	—	1007.0	—	1006.9	—
	Tor	4.2	1005.7	—	1007.2	— 0.6	1005.7	— 1.1	1005.1	— 1.5	4.2	1006.1	—	1007.6	— 0.6	1006.1	— 1.1	1005.5	— 1.5
	Hurghada	2.8	1006.4	+ 0.6	1008.0	+ 0.4	1006.3	+ 0.1	1006.0	+ 0.5	2.8	1006.6	+ 0.6	1008.2	+ 0.4	1006.5	+ 0.1	1006.2	+ 0.5
	Quseir	11.3	1004.8	—	1006.3	— 0.9	1005.3	— 1.4	1004.8	- 1.5	11.3	1005.8	—	1007.3	— 0.9	1006.3	— 1.4	1005.8	— 1.5
	Abul Kizan	5.0	1005.4	—	1006.2	—	1005.9	—	1005.4	—	5.0	1005.9	—	1006.7	—	1006.4	—	1005.9	—

Table A 2.—MONTHLY MEAN VALUES OF THE DRY BULB AND WET BULB TEMPERATURES, AND THE RELATIVE HUMIDITY AT FIXED HOURS

JUNE 1962

District	Station	Dry bulb temperature (°C)								Wet bulb temperature (°C)								Relative humidity %							
		0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.		0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.		0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.	
		Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal
Mediterranean	Sallum	21.7	—	24.4	— 0.7	28.2	+ 0.2	24.1	+ 0.1	19.0	—	19.7	— 0.3	20.7	— 0.1	20.3	+ 0.6	76	—	63	+ 2	48	— 2	69	+ 4
	Sidi Barrani	20.4	— 0.4	23.6	— 0.3	26.0	+ 0.2	22.6	— 0.5	18.4	+ 0.1	19.8	— 0.5	21.0	— 0.1	20.2	0.0	82	+ 4	69	— 2	62	— 2	79	+ 3
	Mersa Matruh (A)	20.1	+ 0.1	24.2	0.0	26.8	+ 0.6	22.7	— 0.4	17.9	— 0.2	19.5	— 0.8	20.8	— 0.4	19.8	— 0.7	80	— 2	62	— 7	56	— 8	75	— 3
	Ras El Hikma	21.4	—	23.3	—	24.7	—	22.3	—	19.4	—	20.2	—	21.7	—	20.5	—	82	—	74	—	76	—	84	—
	Dabaa	20.2	—	24.3	— 0.1	27.3	+ 0.5	22.8	— 0.3	18.0	—	19.9	— 0.8	20.8	— 0.4	20.1	— 0.5	80	—	65	— 5	54	— 5	77	— 2
	Dekheila (A)	21.9	—	24.5	—	27.6	—	24.1	—	19.3	—	20.6	—	21.9	—	20.6	—	77	—	69	—	58	—	72	—
	Alexandria (A)	21.6	+ 0.3	26.2	+ 1.2	29.3	+ 2.1	23.8	+ 0.6	19.7	+ 0.1	21.6	+ 0.5	22.3	+ 0.3	21.6	+ 0.9	83	— 2	65	— 4	52	— 9	74	— 5
	Balteam	23.1	—	26.5	—	28.1	—	24.1	—	20.1	—	21.5	—	22.0	—	20.7	—	75	—	63	—	57	—	72	—
	Damietta	22.2	—	25.9	+ 0.1	30.0	+ 2.7	24.0	+ 0.3	20.3	—	22.0	+ 0.2	22.6	+ 0.6	21.4	0.0	83	—	70	+ 1	51	—10	79	— 2
	Port Said (A)	23.8	+ 0.4	25.0	— 0.4	27.4	+ 0.3	24.9	+ 0.3	20.8	+ 0.1	21.4	0.0	22.6	+ 0.2	21.5	— 0.1	75	— 3	71	+ 2	64	— 1	73	— 3
	El Arish	21.3	— 0.4	26.4	0.0	28.7	+ 1.7	24.6	+ 0.7	19.6	+ 0.5	22.1	+ 0.6	23.4	+ 0.9	21.8	+ 0.6	85	+ 1	67	+ 3	62	— 4	77	— 1
	Ghazza	21.6	—	25.1	—	26.4	—	24.7	—	19.0	—	21.4	—	22.6	—	21.3	—	77	—	71	—	71	—	73	—
Lower Egypt	El Sirw	21.5	—	26.0	+ 0.2	30.0	+ 0.6	24.4	+ 0.4	—	—	21.9	0.0	22.3	— 0.9	21.7	+ 0.5	—	—	68	— 2	49	— 8	78	+ 1
	Sakha	20.3	—	24.7	— 0.9	33.8	+ 1.4	26.4	+ 2.2	—	—	21.2	— 0.3	23.4	— 0.4	21.9	+ 0.9	—	—	72	+ 4	39	— 7	66	— 8
	Mansoura	18.8	—	25.6	+ 0.2	32.6	0.0	24.5	— 0.4	17.6	—	21.3	+ 0.4	21.7	+ 0.1	20.2	0.0	88	—	67	+ 2	34	0	66	+ 3
	Damanhour	20.8	—	24.1	— 1.7	31.8	+ 1.4	24.0	+ 0.2	—	—	20.7	— 0.7	21.6	— 0.4	20.3	+ 0.1	—	—	72	+ 6	37	— 8	70	— 1
	Gimmeiza	19.9	—	25.4	+ 0.1	34.2	+ 1.1	26.2	+ 1.7	—	—	21.6	0.0	23.2	— 0.4	21.5	+ 0.5	—	—	70	— 1	36	— 6	64	— 8
	Tanta	20.3	—	25.6	+ 0.2	34.4	+ 1.3	25.8	+ 0.6	17.1	—	20.2	— 0.7	21.5	— 0.2	19.1	— 1.1	71	—	59	— 6	27	— 6	50	—11
	Tahrir	20.3	—	24.6	—	34.0	—	26.2	—	18.3	—	20.4	—	20.2	—	19.6	—	82	—	66	—	23	—	51	—
	Shebin El Kom	19.8	—	24.1	— 1.1	33.5	+ 0.1	26.0	— 0.3	17.7	—	20.6	0.0	22.1	+ 0.5	20.0	+ 0.4	80	—	72	+ 8	33	+ 2	55	+ 2
	Zagazig	22.2	—	25.0	— 0.9	33.6	+ 0.2	27.5	+ 1.5	—	—	20.7	— 1.1	21.7	— 0.7	20.5	— 0.2	—	—	66	— 2	31	— 4	50	—10
	Abu Sueir (A)	21.9	—	25.6	—	34.9	—	27.7	—	18.8	—	20.6	—	20.6	—	19.9	—	73	—	62	—	22	—	45	—
	Zaher (A)	21.8	—	25.1	—	34.4	—	28.0	—	18.5	—	20.2	—	21.0	—	19.9	—	72	—	62	—	25	—	44	—
	Wadi El Natrun	21.3	—	24.9	0.0	35.3	+ 1.5	27.5	+ 0.5	18.0	—	19.9	— 0.7	19.6	— 2.2	18.8	— 1.8	71	—	61	— 5	17	—14	39	—14
	Inshas (A)	23.4	—	25.8	—	33.6	—	28.4	—	17.9	—	19.9	—	21.2	—	19.7	—	56	—	56	—	29	—	41	—
	Fayed (A)	22.6	—	26.2	—	35.3	—	28.4	—	18.3	—	20.4	—	21.2	—	20.1	—	64	—	57	—	24	—	44	—
	Kabrit (A)	22.7	—	24.9	—	33.7	—	27.9	—	19.0	—	19.8	—	21.3	—	19.7	—	69	—	60	—	29	—	43	—
Cairo Area	Cairo (A)	22.5	+ 0.4	24.9	+ 0.5	34.4	+ 1.0	28.9	+ 0.4	18.6	— 0.2	20.1	0.0	20.2	— 0.7	19.6	— 0.6	67	— 5	62	— 4	22	— 6	38	— 6
	Mostafa Helmi (A)	21.0	—	23.8	—	33.5	—	27.8	—	17.5	—	18.5	—	19.1	—	18.3	—	69	—	58	—	20	—	36	—
	Almaza (A)	22.2	— 0.4	24.6	+ 0.2	34.8	+ 1.4	28.9	+ 0.1	17.9	— 1.3	19.1	— 1.0	20.4	— 0.5	19.3	— 0.7	64	— 7	57	— 9	22	— 6	36	—
	Abbasiya (H.Q.)	22.7	—	26.3	—	35.5	—	29.0	—	19.2	—	21.1	—	22.2	—	20.6	—	70	—	61	—	27	—	44	—
	Imbaba (A)	20.9	—	25.1	—	34.5	—	28.3	—	17.1	—	19.9	—	21.4	—	19.7	—	67	—	60	—	27	—	41	—
	Giza	21.2	—	24.4	— 0.3	33.9	— 0.2	28.6	+ 0.6	18.2	—	20.0	— 0.3	20.2	— 1.1	19.3	— 0.4	74	—	65	0	23	— 5	38	—
	Helwan	22.5	—	25.2	+ 0.6	34.9	+ 1.3	29.2	0.0	17.8	—	18.8	— 1.1	19.5	+ 0.2	18.5	— 0.2	61	—	52	— 4	18	— 3	31	—

Table A 2. (*Contd.*)—MONTHLY MEAN VALUES OF THE DRY BULB AND WET BULB TEMPERATURES, AND THE RELATIVE HUMIDITY AT FIXED HOURS.

JUNE 1962

District	Station	Dry bulb temperature (°C)								Wet bulb temperature (°C)								Relative humidity %							
		0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.		0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.		0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.	
		Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal
Upper Egypt	Fayoum	22.2	—	26.1	+ 0.7	35.9	+ 1.6	30.1	+ 0.8	17.7	—	20.2	+ 0.5	20.4	+ 0.2	19.1	— 0.1	63	—	56	— 1	19	— 3	31	— 3
	Beni Suef	22.9	—	25.9	— 1.1	36.4	+ 0.7	29.2	— 0.2	17.2	—	19.7	— 0.9	20.9	— 0.2	18.9	— 0.7	54	—	54	+ 1	19	— 3	33	— 3
	Seds	22.2	—	26.2	+ 0.2	35.0	+ 0.3	28.4	+ 0.2	—	—	21.5	+ 0.4	22.7	+ 0.6	20.0	+ 0.1	—	—	64	+ 2	31	+ 2	43	0
	Minya (A)	22.6	+ 0.7	25.2	0.0	36.2	+ 0.8	29.1	+ 1.3	17.3	+ 0.3	19.8	+ 0.3	21.0	+ 0.2	19.4	+ 0.4	56	— 3	58	+ 1	30	+ 8	36	— 3
	Mallawi	22.0	—	26.1	—	36.1	—	27.9	—	—	—	21.0	—	23.5	—	20.0	—	—	—	61	—	31	—	45	—
	Asyout Mangabad (A)	25.1	+ 0.3	26.2	0.0	38.2	+ 1.9	31.2	+ 0.8	16.4	+ 0.1	18.2	0.0	20.2	+ 0.2	18.9	+ 0.7	36	— 1	43	0	13	— 3	26	+ 1
	Shandaweel	25.0	—	27.6	— 0.9	33.0	+ 1.2	29.6	+ 0.9	—	—	21.0	+ 0.1	23.9	+ 1.1	20.6	+ 0.2	—	—	53	+ 5	27	+ 1	40	— 4
	Nag Hammadi	26.4	—	26.3	— 2.5	38.1	+ 1.5	31.9	+ 2.3	—	—	20.5	+ 0.4	23.3	+ 1.4	21.0	+ 1.2	—	—	57	+13	24	+ 1	34	— 2
	Kena	27.6	—	29.8	— 0.3	39.2	— 0.8	33.3	+ 0.1	—	—	20.5	— 0.8	23.5	+ 0.2	20.0	+ 0.5	—	—	39	+ 5	22	+ 6	25	+ 2
	Luxor (A)	27.1	+ 0.6	31.4	— 0.5	40.7	+ 1.1	34.2	+ 1.1	16.9	+ 0.4	20.1	+ 0.4	21.7	+ 0.2	19.8	+ 0.4	31	+ 2	31	+ 1	13	— 4	21	— 4
	Kom Ombo	26.1	—	32.0	—	41.7	—	33.5	—	15.3	—	18.6	—	21.0	—	18.5	—	26	—	22	—	10	—	17	—
	Aswan (A)	28.2	—	31.9	+ 0.8	41.3	+ 0.7	36.0	0.0	15.4	—	17.5	— 1.3	19.9	— 2.1	17.9	— 1.8	18	—	17	— 9	7	— 8	10	— 6
Western Desert	Siwa	23.3	— 0.7	24.5	— 0.6	35.3	+ 0.1	31.9	— 0.3	16.4	— 0.6	18.3	— 0.1	19.5	— 0.6	18.0	— 1.6	45	— 1	52	+ 2	15	— 3	19	— 7
	Bahariya	23.8	—	25.4	+ 0.1	36.6	+ 1.7	31.4	+ 1.7	16.5	—	18.0	— 1.2	20.3	— 1.1	18.6	— 1.0	43	—	45	— 9	16	—10	24	—11
	Farafra	24.0	—	26.6	+ 0.1	36.9	+ 1.0	31.3	+ 1.4	14.7	—	16.7	— 1.1	18.7	— 2.3	16.7	— 1.3	31	—	32	— 7	10	—11	15	—11
	Dakhla	26.1	—	29.7	+ 0.2	38.5	+ 1.9	32.8	+ 0.6	15.3	—	17.7	— 1.4	19.1	— 2.1	17.6	— 1.2	26	—	25	— 9	9	—11	15	— 7
	Kharga	25.7	—	29.8	+ 0.3	40.0	+ 2.1	31.8	— 0.8	15.3	—	18.1	— 2.2	20.8	— 2.9	18.1	— 2.3	28	—	27	—12	12	—15	20	— 8
Red Sea	Suez	24.5	—	25.8	+ 0.4	34.7	+ 1.4	29.8	+ 2.0	—	—	21.9	+ 1.2	22.3	+ 0.2	22.1	+ 1.1	—	—	70	+ 6	30	— 4	48	— 4
	Abu Redes	24.6	—	25.7	—	29.4	—	27.8	—	19.8	—	21.0	—	21.2	—	20.8	—	62	—	64	—	45	—	51	—
	Tor	24.5	—	26.0	— 0.4	30.1	— 0.4	28.4	— 1.0	20.6	—	21.6	— 1.0	22.3	— 1.6	21.4	— 1.5	69	—	66	— 5	48	— 7	51	— 4
	Hurghada	26.2	— 0.5	28.9	+ 1.5	31.7	+ 2.1	29.6	+ 0.1	17.3	— 1.5	19.4	— 2.1	22.0	— 1.5	19.9	— 2.2	37	— 7	37	—20	40	—18	36	—14
	Quseir	27.5	—	29.9	+ 0.1	31.1	+ 0.3	29.3	+ 0.3	18.7	—	21.4	— 0.8	23.0	— 1.3	21.0	— 1.0	39	—	43	— 6	48	— 8	44	— 8
	Abul Kisan	—	—	29.1	— 0.2	29.3	— 0.4	27.7	— 0.3	—	—	25.3	— 0.6	25.6	— 0.2	25.3	— 0.2	—	—	72	— 1	73	+ 1	81	0

TABLE A 3.—MONTHLY MEAN DAILY VALUES OF THE ATMOSPHERIC PRESSURE, AIR TEMPERATURES AND THE RELATIVE HUMIDITY

JUNE 1962

District	Station	Atmospheric pressure (mb.)					Air temperature (°C)											Relative humidity%		
		Derivation of the mean values a, b, c, d	Station Pressure (Corrected to Hp)		M.S.L. Pressure		Maximum (A)		Minimum (B)		(A+B)/2	Dry bulb			Wet bulb			Derivation of the mean values a,b,c,d,e	Mean	Dev. from normal
			Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal		Deriv. of the mean values a, b, c, d,	Mean	Dev. from normal	Deriv. of the mean values a, b, c, d,	Mean	Dev. from normal			
Mediterranean	Sallum	a	1012.0	— 0.5	1012.5	— 0.5	29.5	— 0.2	20.4	+ 1.3	25.0	a	24.5	+ 0.5	a	19.9	+ 0.5	a	63	0
	Sidi Barrani	a	1009.0	— 1.1	1011.7	— 1.1	26.6	— 0.3	18.3	— 1.2	22.4	a	23.1	0.0	a	19.8	— 0.2	a	73	— 1
	Mersa Matruh (A)	a	1008.8	— 0.2	1012.5	— 0.2	28.4	+ 1.0	18.7	+ 0.7	23.6	a	23.3	+ 0.1	a	19.3	— 0.5	a	67	— 5
	Ras El Hikma	a	1006.3	—	1011.6	—	25.2	—	20.6	—	22.9	a	22.9	—	a	20.4	—	a	78	—
	Dabaa	a	1009.5	—	1011.5	—	28.4	+ 0.4	18.7	+ 0.1	23.6	a	23.6	+ 0.4	a	19.6	— 0.5	a	67	— 7
	Dekheila (A)	a	1011.2	—	1011.8	—	28.5	—	21.1	—	24.8	a	24.6	—	a	20.5	—	a	67	—
	Alexandria (A)	a	1010.6	— 0.8	1011.4	— 0.8	30.6	+ 2.4	20.2	0.0	25.4	a	25.2	+ 1.0	a	21.0	+ 0.5	a	67	—
	B alteam	a	1010.9	—	1011.1	—	30.1	—	21.5	—	25·8	a	25.4	—	a	21.0	—	a	65	—
	Damietta	a	1010.6	— 0.5	1011.0	— 0.5	30.8	+ 1.3	20.5	+ 0.7	25.6	a	25.3	+ 1.0	a	21.4	+ 0.3	a	69	— 6
	Port Said (A)	a	1009.9	— 0.5	1010.6	— 0.5	28.3	— 0.1	22.9	+ 0.4	25.6	a	25.3	+ 0.4	a	21.6	+ 0.2	a	71	— 1
	El Arish	a	1008.8	— 0.8	1010.7	— 0.8	30.0	+ 1.3	20.0	+ 1.3	25.0	a	25.1	+ 1.1	a	21.6	+ 1.2	à	72	+ 1
	Ghazza -	a	1008.8	—	1010.6	—	27.4	—	20.0	—	23.8	a	24.2	—	a	21.0	—	a	74	—
Lower Egypt	El Sirw	—	—	—	—	—	30.8	+ 0.3	19.4	+ 1.2	25.1	c	25.5	+ 1.2	c	22.1	+ 1.1	e	73	0
	Sakha	—	—	—	—	—	34.3	+ 1.1	17.8	+ 0.7	26.0	c	26.3	+ 1.5	c	22.2	+ 1.0	e	69	— 2
	Mansoura	a	1010.0	— 0.5	1010.4	— 0.5	33.4	— 0.4	16.9	— 1.9	25.2	a	25.1	— 0.3	a	20.0	— 0.8	a	61	— 3
	Damanhour	c	1011.2	— 0.1	1011.9	— 0.1	32.6	+ 0.8	18.4	— 0.2	25.5	c	25.2	+ 0.6	c	21.6	+ 1.0	e	71	+ 3
	Gimmeiza	c	1010.5	+ 0.1	1011.5	+ 0.1	35.0	+ 0.8	17.7	+ 0.4	26.4	c	26.4	+ 1.4	c	22.1	+ 1.3	c	67	— 4
	Tanta	a	1009.2	— 0.8	1010.4	— 0.8	35.1	+ 1.2	18.9	+ 1.8	27.0	a	26.4	+ 1.2	a	19.3	+ 1.1	a	48	—15
	Tahrir	a	1008.6	—	1010.8	—	35.0	—	18.7	—	26.8	a	26.2	—	a	19.5	—	a	51	—
	Shebin El Kom	a	1009.2	— 0.5	1010.7	— 0.5	34.6	0.0	17.9	— 0.8	26.2	a	25.8	— 0.1	a	20.0	— 0.4	a	56	— 3
	Zagazig	c	1009.6	— 0.4	1011.2	— 0.4	34.3	0.0	19.9	+ 1.7	27.1	c	27.1	+ 1.2	c	21.3	+ 0.1	e	58	— 6
	Abu Sueir (A)	a	1009.1	—	1010.9	—	36.1	—	20.0	—	28.0	a	27.4	—	a	19.9	—	a	46	—
	Zaher (A)	a	1006.1	—	1009.6	—	35.2	—	21.4	—	28.3	a	27.1	—	a	19.8	—	a	47	—
	Wadi El Natrun	a	1011.4	+ 0.6	1011.5	+ 0.6	36.4	+ 1.4	18.7	— 0.2	27.6	a	27.3	+ 1.1	a	18.8	— 2.1	a	40	—20
	Inshas (A)	a	1006.4	—	1009.3	—	34.2	—	21.9	—	28.0	a	27.9	—	a	19.6	—	a	42	—
	Fayed (A)	a	1008.4	—	1010.9	—	36.4	—	20.9	—	28.5	a	28.1	—	a	19.9	—	a	43	—
	Kabrit (A)	a	1009.2	—	0 10.4	—	35.2	—	20.8	—	28.0	a	27.3	—	a	20.0	—	a	48	—

a = the 24 hours mean, b = 8 synoptic hours mean. c = 4 main synoptic hours mean.
d = 06, 12 & 18 U.T. hours mean. e = 06 & 18 U.T. hours mean.

TABLE A 3. (*cont.*)—MONTHLY MEAN DAILY VALUES OF THE ATMOSPHERIC PRESSURE, AIR TEMPERATURES AND THE RELATIVE HUMIDITY

JUNE 1962

District	Station	Atmospheric pressure (mb.)					Air temperature (°C)											Relative humidity%		
		Derivation of the mean values a, b, c, d	Station Pressure (corrected to Hp)		M.S.L. Pressure		Maximum (A)		Minimum (B)		(A+B)/2	Dry bulb			Wet bulb			Derivation of the mean values a,b,c,d,e	Mean	Dev. from normal
			Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal		Deriv. of the mean values, a, b, c, d,	Mean	Dev. from normal	Deriv. of the mean values a, b, c, d,	Mean	Dev. from normal			
Cairo Area	Cairo (A)	a	1003.0	— 0.6	1010.4	— 0.6	34.4	— 0.3	19.6	+ 0.4	27.2	a	27.7	+ 0.7	a	19.5	— 0.4	a	42	— 6
	Mostafa Helmi (A)	a	991.7	—	1010.4	—	34.3	—	19.4	—	26.8	a	26.6	—	a	18.3	—	a	41	—
	Almaza (A)	a	1001.1	+ 0.1	1010.0	+ 0.1	35.3	+ 0.5	19.5	— 0.8	27.4	a	27.6	+ 0.2	a	19.1	— 0.9	a	41	— 6
	Abbasiya (H.Q.)	a	1008.2	—	1011.2	—	37.2	—	20.7	—	29.0	a	28.4	—	a	20.7	—	a	47	—
	Imbaba A)	a	1008.0	—	1010.1	—	35.6	—	18.9	—	27.2	a	27.2	—	a	19.5	—	a	44	—
	Giza	a	1007.8	— 0.5	1010.5	— 0.5	35.4	+ 0.5	19.7	+ 1.8	27.6	a	27.1	+ 0.9	a	19.4	+ 1.5	a	45	— 9
	Helwan	a	994.0	— 0.2	1010.3	— 0.3	36.1	+ 1.2	20.5	+ 0.2	28.3	a	28.0	+ 1.2	a	18.6	— 0.4	a	36	— 8
Upper Egypt	Fayoum	a	1007.1	— 0.1	1009.8	— 0.3	36.7	+ 1.2	20.6	+ 1.0	28.6	a	28.4	+ 1.2	a	19.2	+ 0.5	a	38	— 2
	Beni Suef	a	1006.0	— 0.5	1009.3	— 0.6	37.1	+ 1.1	19.3	+ 0.7	28.2	a	28.7	+ 1.1	a	19.1	— 0.7	a	36	— 8
	Seds	—	—	—	—	—	36.0	0.0	18.7	+ 0.3	27.4	c	27.9	+ 1.0	c	21.4	+ 1.0	c	54	+ 1
	Minya (A)	a	1004.1	— 1.2	1008.7	— 1.2	37.0	+ 0.7	19.2	+ 0.4	28.1	a	28.3	+ 0.6	a	19.2	+ 0.1	a	39	— 2
	Mallawi	—	—	—	—	—	37.0	—	18.2	—	27.6	c	28.0	—	c	21.3	—	e	53	—
	Asyout Mangabad (A)	a	1000.9	— 0.2	1008.7	— 0.3	39.2	+ 1.8	21.4	0.0	30.3	a	30.3	+ 0.8	a	18.4	+ 0.2	a	26	— 2
	Shandaweel	—	—	—	—	—	39.3	+ 1.8	20.8	+ 0.8	30.0	c	30.0	+ 1.2	c	21.8	+ 1.0	e	46	0
	Nag Hammadi	c	999.5	— 0.7	1007.5	— 0.7	39.6	+ 2.2	21.4	+ 1.3	30.3	c	30.7	+ 2.1	c	22.4	+ 2.7	e	46	+ 6
	Kena	c	998.9	0.0	1007.5	+ 0.2	40.2	— 0.9	23.4	0.0	31.8	c	32.5	+ 0.7	c	22.7	+ 2.8	e	32	+ 4
	Luxor (A)	a	996.3	— 1.0	1006.2	— 1.0	41.7	+ 0.8	23.1	+ 1.2	32.4	a	33.1	0.0	a	19.5	+ 0.3	a	23	0
	Kom Ombo	a	994.3	—	1005.7	—	43.3	—	22.4	—	32.8	a	33.1	—	a	18.2	—	a	17	—
	Aswan (A)	a	983.8	— 0.9	1005.2	— 0.9	42.5	+ 0.7	24.7	— 0.9	33.6	a	34.3	+ 1.3	a	17.5	— 2.3	a	12	—12
Western Desert	Siwa	a	1013.3	— 1.1	1011.7	— 1.1	37.8	+ 0.9	20.0	— 0.4	28.9	a	28.9	+ 0.6	a	18.0	+ 0.1	a	29	— 2
	Bahariya	a	995.3	— 0.8	1010.1	— 0.9	37.5	+ 1.2	20.5	+ 1.2	29.0	a	29.4	+ 2.1	a	18.2	— 1.2	a	28	—16
	Farafra	a	1000.5	— 0.8	1011.0	— 0.8	37.9	+ 0.9	20.4	+ 0.7	29.2	a	29.6	+ 1.6	a	16.7	— 0.5	a	20	— 8
	Dakhla	a	994.4	— 3.4	1006.9	— 3.5	38.3	+ 0.5	22.0	— 1.1	30.2	a	31.5	+ 1.4	a	17.3	— 1.5	a	17	—12
	Kharga	a	999.1	— 1.4	1007.1	— 1.4	40.9	+ 2.2	22.5	— 1.0	31.7	a	31.8	+ 0.9	a	18.1	— 1.9	a	20	—12
Red Sea	Suez	c	1009.3	— 0.1	1010.5	— 0.1	36.5	+ 0.6	20.8	0.0	28.6	c	28.7	+ 1.7	c	22.9	— 1.6	e	59	+ 1
	Abu Redes	a	1007.0	—	1007.4	—	31.2	—	23.3	—	27.2	a	26.8	—	a	20.6	—	a	55	—
	Tor	a	1005.9	— 1.2	1006.3	— 1.2	32.6	— 0.8	23.2	0.0	27.8	a	27.3	— 0.1	a	21.4	— 1.0	a	57	— 6
	Hurghada	a	1006.7	+ 0.3	1006.9	+ 0.3	33.2	+ 2.0	24.0	+ 0.5	28.6	a	29.0	+ 0.6	a	19.6	— 1.0	a	37	— 9
	Quseir	a	1005.3	— 1.1	1006.3	— 1.1	32.3	— 0.2	25.9	+ 0.4	29.1	a	29.3	+ 0.3	a	20.9	— 0.7	a	43	— 8
	Abul Kizan	c	1005.7	—	1006.3	—	30.5	— 0.3	26.7	+ 0.6	28.6	—	—	—	—	—	—	e	76	— 1

a = the 24 hours mean. b = 8 synoptic hours mean. c = 4 main synoptic hours mean.
d = 06, 12 & 18 U.T. hours mean. e = 06 & 18 U.T. hours mean.

TABLE A 4 — MAXIMUM AND MINIMUM AIR TEMPERATURES

JUNE 1962

District	Station	Maximum temperature (°C)									Minimum temperature (°C)							
		Highest	Date	Lowest	Date	Number of days with maximum temperature					Highest	Date	Lowest	Date	Number of days with minimum temperature			
						>25°	>30°	>35°	>40°	>45°					<10°	<5°	<0°	<−5°
Mediterranean	Sallum	43.0	10	24.0	7	25	12	2	1	0	23.0	20	18.4	17	0	0	0	0
	Sidi Barrani	41.6	10	23.1	7	23	4	2	1	0	22.3	29	16.0	18	0	0	0	0
	Mersa Matruh (A)	39.7	20	25.0	7	30	5	2	0	0	22.0	21	15.1	3	0	0	0	0
	Ras El Hikma	36.9	6	23.6	13,16	15	1	1	0	0	21.9	27,28,29,30	19.3	20	0	0	0	0
	Dabaa	41.3	6	25.0	12,13	28	6	1	1	0	22.2	29	15.1	19	0	0	0	0
	Dekheila (A)	38.0	21	26.1	13	30	4	2	0	0	23.4	29	16.2	20	0	0	0	0
	Alexandria (A)	41.4	6	26.7	13	30	12	3	1	0	23.2	29	16.0	20	0	0	0	0
	Balteam	40.5	11	26.6	14	30	13	2	1	0	24.1	22	19.1	10,20	0	0	0	0
	Damietta	38.4	11	27.2	14	30	20	2	0	0	23.8	22	18.2	20	0	0	0	0
	Port Said (A)	31.4	4	25.5	14	30	4	0	0	0	25.0	22	20.8	20	0	0	0	0
	El Arish	42.2	11	27.0	9	30	15	1	1	0	23.8	23	16.8	15	0	0	0	0
	Ghazza	35.0	11	25.0	14	29	2	0	0	0	23.8	12	17.4	15	0	0	0	0
Lower Egypt	EL Sirw	35.0	6	26.7	8	30	18	0	0	0	24.5	22	16.9	9	0	0	0	0
	Sakha	46.4	11	29.3	13	30	28	9	2	1	20.3	12	15.7	2	0	0	0	0
	Mansoura	43.2	11	29.0	14	30	27	7	1	0	21.2	22	13.7	9	0	0	0	0
	Damanhour	45.1	11	27.8	14	30	25	5	2	1	20.6	29	16.6	10	0	0	0	0
	Gimmeiza	44.0	11	30.0	14	30	29	8	2	0	21.0	12,23,30	15.0	9,18,20	0	0	0	0
	Tanta	44.7	11	30.2	14	30	30	11	2	0	21.8	30	16.2	9	0	0	0	0
	Tahrir	45.4	11	29.8	14	30	29	12	2	1	21.9	29	16.1	9	0	0	0	0
	Shebin El Kom	43.3	11	29.9	14	30	29	9	2	0	21.4	30	15.7	9	0	0	0	0
	Zagazig	45.0	11	29.8	14	30	29	8	1	0	22.0	30	17.3	9,18	0	0	0	0
	Abu Sueir (A)	44.7	11	30.9	14	30	30	17	3	0	22.6	23	17.9	9	0	0	0	0
	Zaher (A)	45.0	11	30.6	14	30	30	12	1	0	22.9	21	17.2	9	0	0	0	0
	Wadi EL Natrun	46.4	11	30.4	14	30	30	18	3	1	23.1	21	16.0	18	0	0	0	0
	Inshas (A)	44.2	11	30.0	8	30	29	8	1	0	26.5	22	18.6	9	0	0	0	0
	Fayed (A)	43.5	11	31.0	14	30	30	19	4	0	24.5	22,23	18.3	9	0	0	0	0
	Kabrit (A)	44.2	11	31.2	14	30	30	13	1	0	24.4	23	18.0	9	0	0	0	0
	Delta Barrage	45.0	11	31.0	14	30	30	16	3	0	20.9	23	14.5	9	0	0	0	0
Cairo Area	Cairo A)	44.6	11	30.9	14	30	30	15	3	0	24.8	21	17.6	16	0	0	0	0
	Mostafa Helmi (A	43.5	11	29.2	14	30	29	8	2	0	23.6	21	17.3	16	0	0	0	0
	Almaza (A)	44.8	11	30.2	14	30	30	17	3	0	24.8	21	17.5	15	0	0	0	0
	Abbasiya (H.Q)	45.6	11	32.5	14	30	30	24	3	1	25.3	22	18.2	14	0	0	0	0
	Imbaba A)	45.0	11	31.5	14	30	30	13	3	0	22.5	23	15.8	9	0	0	0	0
	Giza	45.0	11	30.4	14	30	30	13	2	0	22.4	22	17.1	11	0	0	0	0
	Helwan	44.5	11	31.4	14	30	30	16	3	0	24.6	11	18.0	5	0	0	0	0

TABLE A 4 (*contd.*)—MAXIMUM AND MINIMUM AIR TEMPERATURES

JUNE 1962

District	Station	Maximum temperature (°C)									Minimum temperature (°C)							
		Highest	Date	Lowest	Date	Number of days with maximum temperature					Highest	Date	Lowest	Date	Number of days with minimum temperature			
						>25°	>30°	>35°	>40°	>45°					<10°	<5°	<0°	<—5°
Upper Egypt	Fayoum	44.0	11	32.3	14	30	30	23	3	0	24.4	22	18.9	15,16	0	0	0	0
	Beni Suef	44.3	11	32.5	14	30	30	24	4	0	24.0	21	17.0	4	0	0	0	0
	Seds	44.2	11	31.2	14	30	30	18	3	0	22.5	21	16.5	9	0	0	0	0
	Minya (A)	44.0	11	32.3	14	30	30	21	5	0	22.4	12	16.0	20	0	0	0	0
	Mallawi	44.5	11	32.0	15	30	30	19	5	0	22.0	12	16.2	20	0	0	0	0
	AsyoutMangabad (A)	46.2	6	34.5	15	30	30	28	10	3	24.9	22	18.8	15	0	0	0	0
	Shandaweel	44.5	6	35.0	15	30	30	29	11	0	24.4	7	17.0	18	0	0	0	0
	Nag Hammadi	46.0	12	35.4	18	30	30	30	13	2	24.0	12	18.0	19	0	0	0	0
	Kena	45.0	7	37.0	16,17	30	30	30	14	0	28.5	10	21.0	21	0	0	0	0
	Luxor (A)	45.8	8	38.5	20,24	30	30	30	19	5	25.8	14	19.1	16	0	0	0	0
	Kom Ombo	46.4	12,13	39.5	19	30	30	30	29	8	29.0	14	18.2	18	0	0	0	0
	Aswan (A)	46.4	13	38.3	20	30	30	30	26	5	28.0	14	22.5	16	0	0	0	0
Western Desert	Siwa	45.5	6	33.2	14	30	30	25	6	1	21.7	11	15.9	15	0	0	0	0
	Bahariya	45.5	11	31.8	14	30	30	24	6	1	26.0	21	17.3	19	0	0	0	0
	Farafra	45.3	11	31.8	14	30	30	26	8	1	23.8	7	16.1	15	0	0	0	0
	Dakhla	46.0	12	34.4	15	30	30	29	11	4	30.2	7	16.4	17	0	0	0	0
	Kharga	47.0	11,12	36.0	15	30	30	30	15	2	30.0	10	16.5	20	0	0	0	0
Red Sea	Suez	41.7	11,22	32.7	4	30	30	20	4	0	27.6	22	18.0	1	0	0	0	0
	Abu Redes	40.5	22	28.0	14,15	30	19	2	1	0	25.2	22	21.3	21	0	0	0	0
	Tor	37.4	26	28.8	16	30	25	5	0	0	25.0	4,24,25	20.1	11	0	0	0	0
	Hurghada	38.7	22	30.6	15	30	30	4	0	0	27.3	23	20.3	19	0	0	0	0
	Quseir	38.3	22	29.5	17	30	28	2	0	0	28.3	23	23.1	17	0	0	0	0
	Abul Kizan	32.8	12	28.8	15	30	19	0	0	0	28.1	30	25.5	19	0	0	0	0

TABLE A 5. — RAINFALL AND SNOW DEPTH

JUNE 1962

District	Station	Rainfall (millimetres)											Snow depth (centimetres)	
		Total amount	Dev. from normal	Maximum fall in one day		Number of days with amount of rain							Maximum depth	Date
				Amount	Date	<0.1	≥0.1	≥1.0	≥5.0	≥10	≥25	≥50		
Mediterranean	Sallum	0.0	— 0.1	0.0	—	0	0	0	0	0	0	0	0	—
	Sidi Barrani	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Mersa Matruh (A)	0.0	— 0.2	0.0	—	0	0	0	0	0	0	0	0	—
	Ras El Hikma	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Dabaa	0.0	— 0.1	0.0	—	0	0	0	0	0	0	0	0	—
	Dekheila (A)	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Alexandria (A)	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Balteam	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Damietta	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Port Said (A)	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	El Arish	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Ghazza	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Fuka	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Hammam	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Borg El Arab	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Mex	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Tolombat El Tabia	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Kom El Tarfaia	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Rosetta L.H.	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Borollos L.H.	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Dameitta L.H.	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
Lower Egypt	El Sirw	0.0	— 0.2	0.0	—	0	0	0	0	0	0	0	0	—
	Sakha	0.0	— 0.1	0.0	—	0	0	0	0	0	0	0	0	—
	Mansoura	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Damanhour	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Gimmeiza	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Tanta	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Tahrir	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Shebin El Kom	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Zagazig	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Abu Sueir (A)	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Zaher (A)	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Wadi El Natrun	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Inshas (A)	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Fayed (A)	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Kabrit (A)	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Delta Barrage	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Tolombat El Boseili	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Kafr El Dawar	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Kafr El Sheikh	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Kafr El Zayat	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Faqus	0.0	— 1.0	0.0	—	0	0	0	0	0	0	0	0	—
Cairo Area	Cairo (A)	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Mostafa Helmi (A)	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Almaza (A)	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Abbasiya (H.Q)	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Imbaba (A)	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Giza	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Helwan	0.0	— 0.1	0.0	—	0	0	0	0	0	0	0	0	—

TABLE A 5. (*Contd.*) — RAINFALL AND SNOW DEPTH

JUNE 1962

Districts	Station	Rainfall (millimetres)											Snow depth (centimetres)	
		Total amount	Dev. from normal	Maximum fall in one day		Number of days with amount of rain							Maximum depth	Date
				Amount	Date	<0.1	≥0.1	≥1.0	≥5.0	≥10	≥25	≥50		
Upper Egypt	Fayoum	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Beni Suef	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Seds	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Minya (A)	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Mallawi	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Asyout (Mangabad) (A)	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Shandaweel	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Nag Hammadi	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Kena	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Luxor (A)	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Kom Ombo	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Aswan (A)	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
Western Desert	Siwa	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Bahariya	0.0	—0.2	0.0	—	0	0	0	0	0	0	0	0	—
	Farafra	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Dakhla	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Kharga	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
Red Sea	Suez	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Abu Redes	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Tor	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Hurghada	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Quseir	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Abul Kizan	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—

Table A 6.—BRIGHT SUNSHINE, CLOUDINESS, EVAPORATION, BRIGHT & BLACK BULB TEMPERATURES AND GRASS MINIMUM JUNE 1962

District	Station	Duration of bright sunshine (hours)			Mean sky cover (oktas)								Mean daily evaporation Piche (millimetres)	Mean maximum temp. (°C) of		Mean grass minimum
		Total actual	Total possible	Percentage %	0000 U.T.		0600 U.T.		1200 U.T.		1800 U.T.			Black bulb thermometer	Bright bulb thermometer	
					Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal	Mean	Dev. from normal				
NW Mediterranean	Sallum	—	—	—	0.6	—	1.1	—	0.4	—	0.6	—	8.7	—	—	15.2
	Sidi Barrani	—	—	—	—	—	1.7	—	0.8	—	1.5	—	5.4	—	—	—
	Mersa Matruh (A)	363.0	425.4	85	0.8	—	1.7	—	0.9	—	1.4	—	9.3	—	—	—
	Ras El Hikma	—	—	—	—	—	1.4	—	0.5	—	1.0	—	—	—	—	20.0
	Dabaa	—	—	—	—	—	1.6	—	0.7	—	1.1	—	5.9	—	—	—
	Dekheila (A)	—	—	—	0.5	—	1.2	—	0.3	—	0.5	—	3.2	—	—	—
	Alexandria	365.8	424.1	86	1.1	—	1.7	—	0.5	—	0.8	—	3.9	—	—	—
	Balteam (A)	—	—	—	—	—	0.9	—	0.7	—	0.2	—	5.1	—	—	—
	Damietta	—	—	—	—	—	0.3	—	0.0	—	0.2	—	4.4	—	—	—
	Port Said (A)	349.0	424.1	82	0.4	—	1.3	—	0.1	—	0.2	—	7.0	—	—	—
	El Arish	—	—	—	1.6	—	1.7	—	0.3	—	0.6	—	4.6	—	—	18.3
	Ghazza	365.6	425.4	86	1.9	—	2.0	—	0.4	—	1.0	—	4.7	—	—	19.4
Lo Egypt	El Sirw	—	—	—	—	—	0.3	—	0.0	—	0.0	—	5.7	—	—	—
	Sakha	—	—	—	—	—	1.4	—	2.6	—	0.4	—	6.8	—	—	17.4
	Mansoura	—	—	—	—	—	0.5	—	0.1	—	—	—	7.4	—	—	—
	Damanhour	—	—	—	—	—	0.7	—	0.5	—	0.1	—	5.0	—	—	—
	Gimmeiza	339.5	394.4	86	—	—	0.5	—	0.0	—	0.0	—	7.1	—	—	—
	Tanta	367.9	422.4	87	—	—	0.5	—	0.1	—	0.0	—	8.1	67	47	—
	Tahrir	367.7	422.2	87	—	—	0.8	—	0.3	—	0.1	—	12.8	—	—	17.4
	Shebin El Kom	—	—	—	—	—	1.5	—	0.2	—	0.0	—	4.8	—	—	—
	Zagazig	340.2	422.4	81	—	—	1.7	—	0.7	—	0.0	—	6.3	—	—	—
	Abu Sueir (A)	—	—	—	0.8	—	1.6	—	0.3	—	0.1	—	12.9	75	—	18.9
	Zaher (A)	—	—	—	—	—	1.5	—	0.2	—	0.1	—	11.7	—	—	—
	Wadi El Natrun	—	—	—	—	—	0.4	—	0.1	—	0.0	—	18.0	—	—	—
	Inshas (A)	—	—	—	0.3	—	1.4		0.1	—	0.0	—	13.7	—	—	—
	Fayed (A)	—	—	—	—	—	1.4	—	0.2	—	0.1	—	17.7	—	—	—
	Kabrit (A)	—	—	—	—	—	1.1	—	0.1	—	0.1	—	14.1	—	—	—
Cairo Area	Cairo (A)	—	—	—	0.9	—	2.1	—	0.2	—	0.0	—	21.6	—	—	—
	Mostafa Helmi (A)	—	—	—	0.6	—	1.5	—	0.3	—	0.0	—	14.3	—	—	—
	Almaza (A)	317.6	421.4	75	0.7	—	1.5	—	0.2	—	0.0	—	13.5	—	—	—
	Abbasiya (A)	360.1	421.4	85	0.5	—	1.3	—	0.2	—	0.1	—	9.2	—	—	—
	Imbaba (A)	—	—	—	—	—	1.5	—	0.1	—	—	—	13.7	—	—	—
	Giza	354.6	421.9	84	—	—	1.7	—	0.2	—	0.0	—	13.0	—	—	15.9
	Helwan	—	—	—	0.3	—	0.8	—	0.2	—	0.2	—	20.3	—	—	—
Upper Egypt	Fayoum	—	—	—	—	—	0.3	—	0.2	—	0.1	—	13.0	—	—	—
	Beni Suef	—	—	—	—	—	0.2	—	0.2	—	0.2	—	12.4	—	—	16.8
	Seds	—	—	—	—	—	0.2	—	0.1	—	0.0	—	8.6	—	—	17.9
	Minya (A)	—	—	—	0.0	—	0.2	—	0.4	—	0.6	—	15.3	72	47	17.2
	Mallawi	—	—	—	—	—	0.0	—	0.3	—	0.0	—	6.6	—	—	17.3
	Asyout (Mangabat) (A)	—	—	—	0.0	—	0.0	—	0.5	—	0.2	—	24.5	—	52	20.3
	Shandaweel	367.1	424.1	87	—	—	0.0	—	0.0	—	0.0	—	8.2	—	—	9.4
	Nag Hammadi	—	—	—	—	—	0.0	—	0.0	—	0.0	—	9.5	—	—	20.7
	Kena	—	—	—	—	—	0.2	—	0.0	—	0.1	—	12.2	—	—	—
	Luxor (A)	—	—	—	0.0	—	0.3	—	0.2	—	0.2	—	14.2	72	52	—
	Kom Ombo	—	—	—	—	—	0.1	—	0.1	—	0.1	—	17.6	—	—	18.4
	Aswan (A)	—	—	—	0.0	—	0.6	—	0.2	—	0.1	—	27.1	—	—	—
Western Desert	Siwa	—	—	—	0.1	—	0.2	—	0.2	—	0.2	—	16.4	81	52	17.1
	Bahariya	—	—	—	0.0	—	0.5	—	0.3	—	0.4	—	12.0	—	—	19.3
	Farafra	—	—	—	0.0	—	0.2	—	0.2	—	0.4	—	26.6	64	43	20.8
	Dakhla	—	—	—	0.1	—	0.5	—	0.4	—	0.4	—	26.4	—	54	13.4
	Kharga	—	—	—	0.0	—	0.1	—	0.3	—	0.1	—	17.0	—	—	19.3
Red Sea	Suez	—	—	—	—	—	0.7	—	0.2	—	0.0	—	12.4	—	—	—
	Abu Redes	—	—	—	—	—	0.1	—	0.5	—	0.2	—	12.2	—	—	—
	Tor	—	—	—	0.0	—	0.3	—	0.5	—	0.2	—	9.5	—	—	—
	Hurghada	—	—	—	0.1	—	0.1	—	0.2	—	0.2	—	23.1	—	—	—
	Quseir	—	—	—	0.1	—	0.2	—	0.2	—	0.4	—	18.1	—	—	—
	Abul Kizan	—	—	—	—	—	0.3	—	0.1	—	0.2	—	4.2	—	—	—

Note : the number of records for the sunshine at Gimmeiza is 28 days only.

TABLE A 7.—SOIL TEMPERATURES (°C) AT SELECTED DEPTHS AT FIXED HOURS
JUNE 1962

District	Station	Depth in centimetres	0000 U.T.					0600 U.T.					1200 U.T.					1800 U.T.				
			Mean	Highest		Lowest		Mean	Highest		Lowest		Mean	Highest		Lowest		Mean	Highest		Lowest	
				Value	Date	Value	Date		Value	Date	Value	Date		Value	Date	Value	Date		Value	Date	Value	Date
Mediterranean	Sidi Barrani	5	—	—	—	—	—	27.5	26.0	10	22.2	17	32.4	36.2	21	29.0	11	27.9	30.0	3	26.0	*
		10	—	—	—	—	—	24.9	26.5	30	23.0	1	27.8	30.0	20	27.5	9,12	28.3	30.0	22	27.0	11
		20	—	—	—	—	—	25.8	27.3	30	24.0	1	25.7	28.5	22	25.4	1	27.6	29.0	27	26.5	9
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Mersa Matruh (A)	5	25.8	27.5	21	24.5	2	24.5	26.3	21	22.5	1	37.9	41.5	3	29.2	20	32.0	34.2	3	29.8	6
		10	27.3	28.3	23	26.0	20	25.4	27.1	28	24.0	1,3	32.6	34.2	21	30.8	4	32.4	34.0	3	30.0	30
		20	28.7	29.6	26	26.8	1	27.3	28.7	24	26.0	1,3	28.1	29.2	21	26.0	15	30.1	31.3	5	28.7	30
		50	27.2	28.4	21,24	25.6	1	27.5	28.5	19	26.2	2	27.3	28.3	21	26.0	3	27.7	31.6	30	26.0	4
		100	24.5	25.7	30	22.8	3	23.6	25.6	29,30	23.6	1	24.8	25.9	20	23.5	2	24.6	25.7	30	22.7	2
		200	23.2	24.2	26,29	22.4	1	23.2	24.6	27	21.4	24	23.4	24.5	27	22.3	3	23.2	24.2	25,28,30	22.5	2,3
	Ras El Hikma.	5	—	—	—	—	—	23.0	25.0	29	21.5	3	31.0	33.0	6	28.6	15	26.1	27.5	26,27,30	24.4	14
		10	—	—	—	—	—	23.2	25.0	28	22.2	3	28.1	29.6	27	26.3	15	27.0	28.4	26	25.4	13,14
		20	—	—	—	—	—	23.2	24.9	28,29	22.2	14	25.4	26.8	28	24.2	15	25.6	26.9	27	24.5	14,15,16
		50	—	—	—	—	—	24.5	25.8	29,30	23.3	1	24.5	25.8	29	23.3	1	24.5	25.7	29	23.3	1
		100	—	—	—	—	—	22.5	23.6	30	21.3	1	22.5	23.6	30	21.3	1	22.5	23.6	30	21.4	1
		200	—	—	—	—	—	20.3	21.0	29,30	19.6	1	20.4	21.1	29,30	19.7	1,2	20.4	21.1	29·30	19.6	1
	Alexandria . (A)	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	29.8	31.8	30	27.6	1	29.8	31.3	29	28.1	1	29.7	31.7	29	28,0	1	29.9	31.6	26,29	28.2	1
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	El Arish	5	25.6	29.0	27,30	21.7	10	26.9	30.0	15	25.0	21	38.7	45.0	11	31.5	9	30.7	35.2	15	27.0	9
		10	27.5	31.4	12	24.4	1	26.1	28.0	15,29	24.1	1	35.2	38.6	11	31.6	9	32.2	33.6	6	25.2	9
		20	28.9	31.4	12	28.5	21	24.0	29.6	29,30	26.4	1	30.0	31.3	25	28.2	9	31.3	32.6	6	29.8	27
		50	29.1	30.4	30	27.8	1	29.2	30.6	30	28.0	1	29.0	30.4	28.30	27.3	1	29.0	30.3	30	27.7	1
		100	27.1	28.3	30	25.8	1	27.1	28.3	30	25.9	1	27.1	28.3	30	26.0	1,2	27.1	28.3	30	25.9	1
		200	25.1	26.2	27,30	24.0	1	25.1	26.2	30	24.0	1	25.1	26.1	29	24.0	2	25.1	26.0	28,29,30	24.0	1
	Ghassa	5	26.1	31.5	12	24.4	11,26	26.2	28.2	6	24.0	20	33.8	39.6	7	32.0	19	31.5	33.7	2	27.4	25
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	29.4	30.8	6	27.9	10	27.5	29.0	21	26.0	10	30.5	32.0	28	29.0	10,21	32.1	33.2	7	30.3	10
		50	28.5	30.0	26	27.0	12	28.6	29.5	17	27.0	11	28.7	29.5	15	28.0	*	28.4	29.5	25	27.5	1,11
		100	27.1	28.3	21,26	25.5	3	27.2	29.0	29	25.5	1	27.3	28.4	26,28,29	25.8	4	27.2	28.5	27	25.2	1
		200	26.2	27.8	30	24.7	10	26.8	28.5	29	25.0	3,4	26.7	28.5	26,28,29	24.8	8	26.5	28.5	25	24.0	2

* More than three days.

TABLÉ A 7. (*contd.*)—SOIL TEMPERATURES (°C) AT SELECTED DEPTHS AT FIXED HOURS
JUNE 1962

District	Station	Depth in centimetres	0000 U.T.					0600 U.T.					1200 U.T.					1800 U.T.				
			Mean	Highest		Lowest		Mean	Highest		Lowest		Mean	Highest		Lowest		Mean	Highest		Lowest	
				Value	Date	Value	Date		Value	Date	Value	Date		Value	Date	Value	Date		Value	Date	Value	Date
Lower Egypt	Sakha	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	—	—	—	—	—	23.8	24.0	*	23.0	1	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	24.7	25.0	*	23.5	1,2,3	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gimmeiza	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	28.0	30.0	23,25,30	25.0	1	35.7	40.0	6	33.0	8,13,14	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	28.2	30.0	30	25.0	5	28.5	30.0	*	27.0	1,2,6	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Tanta	5	—	—	—	—	—	27.4	29.2	30	26.2	2,9	34.8	36.2	27,30	33.1	9	32.1	33.5	29	30.2	8
		10	—	—	—	—	—	30.0	31.8	30	28.8	1	33.4	34.8	29	32.1	9	33.4	34.8	29	32.1	8
		20	—	—	—	—	—	30.8	31.5	16,17,28	30.0	8	30.9	31.7	16	30.1	8	31.6	32.2	16,17,19	30.8	6
		50	—	—	—	—	—	32.9	33.6	31	32.3	*	32.8	33.4	31	32.1	1	32.7	33.2	*	31.9	1
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Tahrir	5	—	—	—	—	—	27.7	29.9	29	26.1	6	45.2	50.3	11	40.3	13	32.7	35.3	6	29.6	14
		10	—	—	—	—	—	26.7	28.9	29	25 0	15	38.5	41.4	11	35.5	13	35.2	37.5	6	32.4	14
		20	—	—	—	—	—	29.2	30.8	23	27.7	15	31.8	33.2	22	30.3	14	34.0	35.7	22	32.2	13,14
		50	—	—	—	—	—	30.1	31.2	30	28.7	1	29.6	30.8	30	28.3	1	29.9	30.9	29,30	28.8	1
		100	—	—	—	—	—	28.1	29.2	29,30	26.6	1	28.2	—	—	—	—	28.2	29.2	29·30	26.8	1,2
		200	—	—	—	—	—	25.7	26.6	28,29,30	24.5	1	—	—	—	—	—	25.7	26.7	30	24.6	1·2
	Delta Barrage	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	29.8	31.0	*	23.0	1	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	26.8	28.0	30	25.5	1	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	24.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—

* More than 3 days.

TABLE A 7. (*contd.*)—SOIL TEMPERATURES (°C) AT SELECTED DEPTHS AT FIXED HOURS
JUNE 1962

District	Station	Depth in centimetres	0000 U.T.					0600 U.T.					1200 U.T.					1800 U.T.				
			Mean	Highest		Lowest		Mean	Highest		Lowest		Mean	Highest		Lowest		Mean	Highest		Lowest	
				Value	Date	Value	Date		Value	Date	Value	Date		Value	Date	Value	Date		Value	Date	Value	Date
Cairo Area	Giza	5	—	—	—	—	—	28.9	31.3	22	26.6	1	42.4	45.6	11,21	39.7	8	35.6	38.3	21	33.0	8
		10	—	—	—	—	—	29.5	31.7	23	27.8	1	34.0	37.0	22	33.2	1	35.5	37.4	22	33.7	8
		20	—	—	—	—	—	31.1	32.5	23	29.4	1	31.3	32.6	23	29.6	1	32.4	33.6	22,23	30.8	1
		50	—	—	—	—	—	30.7	31.9	28,29,30	29.2	1	30.7	31.9	29,30	29.2	1	30.6	31.8	29,30	29.1	1
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Upper Egypt	Seds	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	25.0	25.8	29,30	24.2	1,2	25.0	25.8	29,30	24.2	1,2	25.1	25.8	29,30	24.2	1
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Minya (A)	5	30.4	33.5	12	28.0	20	27.9	30.0	30	26.2	17	36.0	44.0	10	33.3	6	33.8	39.0	10	32.0	14
		10	32.4	33.9	12	31.0	9	30.2	32.0	12	28.7	26	34.3	36.3	30	33.0	*	34.6	37.0	11	32.5	14
		20	31.7	33.0	13,28	29.4	1	30.8	32.4	12	29.0	1	31.8	35.2	7	30.0	1	32.1	33.3	29	31.0	1
		50	31.5	32.5	29	30.0	2	31.5	32.6	29	30.2	2	31.4	33.0	12	30.1	2	31.5	33.0	12	30.0	1
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Mallawi	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	27.1	28.4	30	25.7	1	27.1	28.4	30	25.7	1	27.1	28.4	30	25.7	1
		100	—	—	—	—	—	24.7	25.9	30	23.5	1	24.7	25.9	30	23.5	1	24.7	25.9	30	23.5	1
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Shandaweel	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	—	—	—	—	—	31.0	32.3	10	30.0	1,2,20	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	28.1	29.3	22,23	27.0	1,2	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

* More than 3 days.

TABLE A 7. (*contd.*)— SOIL TEMPERATURES (°C) AT SELECTED DEPTHS AT FIXED HOURS
JUNE 1962

District	Station	Depth in centimetres	0000 U.T.					0600 U.T.					1200 U.T.					1800 U.T.				
			Mean	Highest		Lowest		Mean	Highest		Lowest		Mean	Highest		Lowest		Mean	Highest		Lowest	
				Value	Date	Value	Date		Value	Date	Value	Date		Value	Date	Value	Date		Value	Date	Value	Date
Upper Egypt (*contd.*)	Kom Ombo . . .	5	—	—	—	—	—	30.8	38.5	1	28.7	19	55.5	60.0	10,12	42.0	16	39.1	41.3	10	35.8	24
		10	—	—	—	—	—	31.1	33.9	14	29.0	1	41.4	43.0	12,14,15	38.0	3	38.7	40.2	14	36.0	3
		20	—	—	—	—	—	34.1	35.0	19,21,2	33.5	3,4,9	34.5	35.4	21	33.7	30	35.4	36.0	*	34.5	8,28,30
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Aswan . . . (A)	5	30.3	32.6	14	28.0	21	31.4	33.2	14,23	29.8	1,17,18	50.5	52.3	7	46.6	5	38.9	48.0	1	35.4	21
		10	34.9	37.0	14	33.4	22	31.6	34.0	14	30.0	21	41.5	43.5	13	39.8	24	41.3	43.8	13	39.4	21
		20	37.0	38.2	14	35.6	1	35.0	36.6	14	33.5	1	35.4	36.9	8	34.0	1	37.9	39.0	13,14	36.6	2
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Western Desert	Siwa	5	29.2	30.5	7,27	27.4	18	27.3	29.1	25	24.7	12	33.0	34.8	5	29.4	17	33.0	35.4	6	30.2	11
		10	29.9	31.2	7,27	28.4	12,16,18	27.8	29.0	30	25.8	15	32.0	33.3	3	30.2	16	32.7	34.5	6	29.8	11
		20	31.7	33.0	19,20	28.6	30	30.4	31.6	20	29.2	3	31.8	35.2	16	30.6	5,11	33.2	34.2	16,31	31.4	12
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bahariya . . .	5	30.2	32.9	7,11	26.8	15,16	27.1	30.4	21	24.2	16	38.3	44.9	13	33.5	15	36.3	41.4	14	32.2	15
		10	32.1	36.0	20	29.2	16	29.2	31.4	21	26.8	16	33.7	37.0	11	30.7	15	35.0	38.9	11	31.5	15
		20	33.1	35.0	12	30.0	17	31.9	33.4	12,22	30.0	16	32.2	34.0	11	30.2	1,16	33.5	35.7	11	31.4	1
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Farafra	5	24.9	29.0	30	23.0	6	23.8	26.6	30	22.0	6	30.1	34.3	29	28.1	15	27.7	32.1	29	25.6	16
		10	26.5	30.0	30	24.6	1	24.0	28.1	30	23.7	4	28.9	32.0	29	27.4	15	28.6	32.2	29	26,8	15
		20	29.2	31.6	30	26.2	1	28.0	30.4	30	26.3	16	28.7	30.7	30	27.2	6	29.8	32.0	29,30	28.5	15
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

* More than 3 days.

Table A 8—FREQUENCY OF OCCURRENCE OF MISCELLANEOUS WEATHER PHENOMENA.

JUNE 1962

District	Station	Precipitation				Frost	Thunderstorm	Mist vis. ≥ 1000 metres.	Fog vis. < 1000 metres.	Haze vis. ≥ 1000 metres	Thick haze vis < 1000 metres.	Dust rising/Sand rising vis ≥ 1000 metres.	Duststorm/Sandstorm vis < 1000 metres.	Drifting Snow		Blowing Snow		Gales	Clear Sky	Cloudy Sky
		Rain	Snow	Ice pellets	Hail									Slight/moderate vis. below eye level ≥ 1000 metres	Heavy vis. below eye level < 1000 metres (snow storm)	Slight/moderate vis. below eye level ≥ 1000 metres	Heavy vis. below eye level < 1000 metres (snow storm)			
Mediterranean	Sallum	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	26	0
	Sidi Barrani	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	—	—
	Mersa Matruh (A)	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	24	0
	Ras El Hikma	0	0	0	0	0	0	3	0	0	0	2	0	0	0	0	0	0	—	—
	Dabaa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	—
	Dekheila (A)	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	29	0
	Alexandria (A)	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	27	0
	Balteam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	—
	Damietta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	—
	Port Said (A)	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	30	0
	El Arish	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	24	0
	Ghazza	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	26	0
Lower Egypt	El Sirw	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sakha	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Mansoura	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	—
	Damanhour	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gimmeiza	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Tanta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	—
	Tahrir	0	0	0	0	0	0	11	3	0	0	3	0	0	0	0	0	0	—	—
	Shebin El Kom	0	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	—	—
	Zagazig	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Abu Sueir (A)	0	0	0	0	0	0	13	2	4	0	3	0	0	0	0	0	0	30	0
	Zaher (A)	0	0	0	0	0	0	3	0	3	0	3	0	0	0	0	0	0	—	—
	Wadi El Natrun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	—
	Inshas (A)	0	0	0	0	0	0	0	1	11	0	2	0	0	0	0	0	0	29	0
	Fayed (A)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	—
	Kabrit (A)	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	—	—
	Delta Barrage	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cairo Area	Cairo (A)	0	0	0	0	0	0	12	4	8	0	2	0	0	0	0	0	0	29	0
	Mostafa Helmi (A)	0	0	0	0	0	0	12	1	7	0	3	0	0	0	0	0	0	29	0
	Almaza (A)	0	0	0	0	0	0	18	1	21	0	2	0	0	0	0	0	0	29	0
	Abbasiya (H.Q.)	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	30	0
	Imbaba (A)	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	—	—
	Giza	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	—	—
	Helwan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	0

TABLE A 8 (*contd.*)—FREQUENCY OF OCCURRENCE OF MISCELLANEOUS WEATHER PHENOMENA.

JUNE 1962

District	Station	Precipitation				Frost	Thunderstorm	Mist vis. ≥ 1000 metres.	Fog vis. < 1000 metres.	Haze vis. ≥ 1000 metres	Thick haze vis. < 1000 metres.	Dust rising/Sand rising vis ≥ 1000 metres.	Duststorm/Sandstorm vis < 1000 metres.	Drifting Snow		Blowing Snow		Gales	Clear Sky	Cloudy Sky
		Rain	Snow	Ice pellets	Hail									Slight/moderate vis. below eye level ≥ 1000 metres	Heavy vis. below eye level < 1000 metres (snow storm)	Slight/moderate vis. below eye level ≥ 1000 metres	Heavy vis. below eye level < 1000 metres (snow storm)			
Upper Egypt	Fayoum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	—
	Beni Suef	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	—	—
	Seds	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Minya (A)	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	29	0
	Mallawi	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Asyout (Mangabad)(A)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	0
	Shandaweel	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Nag Hammadi	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kena	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Luxor (A)	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	30	0
	Kom Ombo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	—
	Aswan (A)	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	30	0
Western Desert	Siwa	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	31	0
	Bahariya	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	29	0
	Farafra	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	—	—
	Dakhla	0	0	0	0	0	0	0	0	4	0	7	0	0	0	0	0	0	28	0
	Kharga	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	30	0
Red Sea	Suez	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Abu Redes	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	—	—
	Tor	0	0	0	0	0	0	0	0	2	0	6	0	0	0	0	0	0	30	0
	Hurghada	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	1	30	0
	Quseir	0	0	0	0	0	0	0	0	7	0	3	0	0	0	0	0	0	30	0
	Abul Kizan	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

TABLE A 9.—NUMBER IN HOURS OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION RECORDED WITHIN SPECIFIED RANGES

JUNE — 1962

District	Station	Number in hours of calm winds	Number in hours of variable winds	Number in hours of unrecorded winds	Wind speed in knots	Number in hours of occurrences of wind blowing from the ranges of directions indicated												
						345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
Mediterranean	Sidi Barrani	2	2	3	1—10	63	32	14	12	12	11	9	9	20	17	79	86	364
					11—27	36	12	20	12	0	5	12	5	0	1	61	185	349
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**99**	**44**	**34**	**24**	**12**	**16**	**21**	**14**	**20**	**18**	**140**	**271**	**713**
	Mersa Matruh . . (A)	8	3	3	1—10	42	6	13	4	4	7	4	9	21	104	35	70	319
					11—27	63	30	3	19	4	1	4	9	0	6	62	184	385
					28—47	0	0	0	2	0	0	0	0	0	0	0	0	2
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**105**	**36**	**16**	**25**	**8**	**8**	**8**	**18**	**21**	**110**	**97**	**254**	**706**
	Dekheila . . . (A)	2	1	0	1—10	89	54	26	12	7	9	6	8	7	31	148	106	503
					11—27	56	41	18	5	4	13	4	0	0	6	28	39	214
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**145**	**95**	**44**	**17**	**11**	**22**	**10**	**8**	**7**	**37**	**176**	**145**	**717**
	Alexandria . . . (A)	3	0	0	1—10	38	19	13	7	19	7	4	11	5	70	147	130	470
					11—27	53	16	13	7	0	0	0	0	0	7	64	87	247
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**91**	**35**	**26**	**14**	**19**	**7**	**4**	**11**	**5**	**77**	**211**	**217**	**717**
	Port Said . . . (A)	6	0	0	1—10	116	31	23	14	13	2	2	5	22	48	48	107	431
					11—27	97	10	26	21	5	0	0	0	0	1	10	113	283
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**213**	**41**	**49**	**35**	**18**	**2**	**2**	**5**	**22**	**49**	**58**	**220**	**714**
	El Arish	8	17	0	1—10	96	43	19	11	11	56	38	65	52	16	70	208	685
					11—27	0	1	0	0	0	0	1	0	0	0	3	5	10
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**96**	**44**	**19**	**11**	**11**	**56**	**39**	**65**	**52**	**16**	**73**	**213**	**695**
	Ghazza	0	12	0	1—10	80	40	13	23	33	129	37	17	33	41	87	89	622
					11—27	29	13	0	0	0	1	0	0	1	1	7	34	86
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**109**	**53**	**13**	**23**	**33**	**130**	**37**	**17**	**34**	**42**	**94**	**123**	**708**
Lower Egypt	Mansoura	3	2	9	1—10	64	46	26	26	7	4	4	25	43	61	103	147	556
					11—27	33	40	14	2	0	0	0	0	0	1	21	39	150
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**97**	**86**	**40**	**28**	**7**	**4**	**4**	**25**	**43**	**62**	**124**	**186**	**706**
	Tanta	59	0	0	1—10	58	58	22	31	14	3	3	5	51	62	133	184	624
					11—27	16	6	1	3	0	0	0	0	0	0	1	10	37
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**74**	**64**	**23**	**34**	**14**	**3**	**3**	**5**	**51**	**62**	**134**	**194**	**661**
	Abu Sueir . . . (A)	78	0	0	1—10	79	72	36	19	12	5	0	6	23	54	82	92	480
					11—27	36	68	11	4	0	0	0	0	0	0	10	33	162
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**115**	**140**	**47**	**23**	**12**	**5**	**0**	**6**	**23**	**54**	**92**	**125**	**642**
	Zaher . . . . . (A)	9	5	0	1—10	176	37	15	12	10	8	0	13	60	67	80	136	614
					11—27	40	9	3	0	1	3	0	0	2	1	8	25	92
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**216**	**46**	**18**	**12**	**11**	**11**	**0**	**13**	**62**	**68**	**88**	**161**	**706**

TABLE A 9 (*contd.*)—NUMBER IN HOURS OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION RECORDED WITHIN SPECIFIED RANGES

JUNE — 1962

District	Station	Number in hours of calm winds	Number in hours of variable winds	Number in hours of unrecorded winds	Wind speed in knots	Number in hours of occurrences of wind blowing from the ranges of directions indicated												All directions
						345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	
Cairo Area	Cairo . . . . . (A)	6	5	122	1—10	161	65	20	10	3	5	0	4	9	6	51	105	439
					11—27	66	40	13	3	3	3	0	0	2	5	2	11	148
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**227**	**105**	**33**	**13**	**6**	**8**	**0**	**4**	**11**	**11**	**53**	**116**	**587**
	Mostafa Helmi . (A)	1	1	2	1—10	52	45	14	2	3	4	5	3	5	5	19	88	245
					11—27	141	177	22	9	2	5	5	6	4	5	2	93	471
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**193**	**222**	**36**	**11**	**5**	**9**	**10**	**9**	**9**	**10**	**21**	**181**	**716**
	Almaza . . . . (A)	21	6	0	1—10	117	168	117	20	9	9	0	11	8	8	15	68	550
					11—27	9	56	54	5	[illegible]	3	0	3	1	3	4	3	143
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**126**	**224**	**171**	**25**	**11**	**12**	**0**	**14**	**9**	**11**	**19**	**71**	**693**
	Abbasiya . . . (H.Q.)	48	0	0	1—10	276	88	7	[illegible]	3	5	0	20	17	11	46	193	671
					11—27	1	0	0	0	0	0	0	0	0	0	0	0	1
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**277**	**88**	**7**	**5**	**3**	**5**	**0**	**20**	**17**	**11**	**46**	**193**	**672**
	Giza	30	4	10	1—10	222	131	15	3	5	20	0	2	4	5	8	192	607
					11—27	21	41	0	0	0	0	0	0	0	0	2	5	69
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**243**	**172**	**15**	3	**5**	**20**	**0**	**2**	**4**	**5**	**10**	**197**	**676**
Upper Egypt	Minya . . . . . (A)	12	10	0	1—10	130	60	1	1	0	**2**	4	2	5	9	7	48	269
					11—27	270	137	0	1	0	0	0	0	0	0	1	20	429
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**400**	**197**	**1**	**2**	**0**	2	4	**2**	**5**	**9**	**8**	**68**	**698**
	Luxor . . . . . (A)	31	33	0	1—10	59	92	49	16	9	10	22	54	59	44	57	137	608
					11—27	8	11	4	16	2	0	0	0	0	0	1	6	48
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**67**	**103**	**53**	**32**	**11**	**10**	**22**	**54**	**59**	**44**	**58**	**143**	**656**
Western Desert	Siwa	52	5	0	1—10	71	72	72	49	28	4	11	5	6	14	27	80	439
					11—27	24	79	39	20	20	1	5	2	2	7	3	22	224
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**95**	**151**	**111**	**69**	**48**	**5**	**16**	**7**	**8**	**21**	**30**	**102**	**663**
	Dakhla	0	4	3	1—10	58	24	26	10	12	15	16	25	31	62	91	136	506
					11—27	45	62	9	2	0	1	0	0	1	0	2	85	207
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**103**	**86**	**35**	**12**	**12**	**16**	**16**	**25**	**32**	**62**	**93**	**221**	**713**
Red Sea	Hurghada	11	3	1	1—10	51	22	8	3	2	1	2	3	0	16	67	60	235
					11—27	133	4	0	0	0	0	0	0	0	7	76	243	463
					28—47	0	0	0	0	0	0	0	0	0	0	0	7	7
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**184**	**26**	8	3	2	**1**	**2**	**3**	**0**	**23**	**143**	**310**	**705**

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

SALLUM — JUNE 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	4	0	0	1—10	6	4	0	1	1	0	0	0	0	0	0	2	14
				11—27	3	0	0	0	0	0	0	0	0	0	3	6	12
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	9	4	0	1	1	0	0	0	0	0	3	8	26
0300	8	0	0	1—10	1	0	0	0	1	0	0	1	0	0	1	6	10
				11—27	2	0	0	0	0	0	0	1	0	0	1	8	12
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	3	0	0	0	1	0	0	2	0	0	2	14	22
0600	7	0	0	1—10	7	1	0	0	1	0	0	0	0	0	3	3	15
				11—27	0	1	0	0	0	0	0	1	0	1	2	3	8
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	7	2	0	0	1	0	0	1	0	1	5	6	23
0900	3	0	0	1—10	1	8	2	2	0	0	0	0	1	2	1	2	18
				11—27	1	3	1	0	0	0	0	0	0	0	0	3	9
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	11	3	2	0	0	0	0	1	2	1	5	27
1200	1	0	0	1—10	2	4	1	1	0	0	0	0	0	0	0	0	8
				11—27	10	9	1	0	0	0	1	0	0	0	0	0	21
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	12	13	2	1	0	0	1	0	0	0	0	0	29
1500	1	0	0	1—10	6	3	0	2	0	0	0	0	0	0	0	0	11
				11—27	12	3	1	1	0	0	0	0	0	0	1	0	18
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	18	6	1	3	0	0	0	0	0	0	1	0	29
1800	5	0	0	1—10	11	1	0	2	0	0	0	0	0	0	0	2	16
				11—27	2	0	0	1	0	0	0	0	0	0	2	4	9
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	13	1	0	3	0	0	0	0	0	0	2	6	25
2100	8	0	0	1—10	8	1	0	1	0	0	0	0	0	0	0	3	13
				11—27	3	0	0	1	0	0	0	0	0	0	3	2	9
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	11	1	0	2	0	0	0	0	0	0	3	5	22

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

MERSA MATRUH (A) — JUNE 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	0	0	2	1—10	3	1	1	1	0	1	1	1	1	10	2	2	24
				11—27	1	1	0	0	0	0	0	0	0	0	0	2	4
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	2	1	1	0	1	1	1	1	10	2	4	28
0400	0	0	0	1—10	4	0	2	0	0	0	1	0	3	11	0	2	23
				11—27	2	0	0	0	1	0	0	1	0	1	0	2	7
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	6	0	2	0	1	0	1	1	3	12	0	4	30
0600	0	0	0	1—10	1	1	0	0	0	0	1	0	1	0	7	2	13
				11—27	3	1	1	0	1	0	0	1	0	0	6	4	17
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	2	1	0	1	0	1	1	1	0	13	6	30
0900	0	0	0	1—10	1	0	0	0	0	0	0	1	0	0	0	5	8
				11—27	5	2	1	1	0	0	0	0	0	0	6	8	22
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	6	2	1	1	0	0	0	1	0	0	6	13	30
1200	0	0	0	1—10	1	0	0	0	0	0	0	0	0	0	0	1	2
				11—27	6	2	0	1	0	0	0	2	0	0	2	15	28
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	7	2	0	1	0	0	0	2	0	0	2	16	30
1500	0	0	0	1—10	3	0	0	0	0	0	0	0	0	0	0	5	8
				11—27	7	2	0	2	0	0	0	0	0	0	2	9	22
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	10	2	0	2	0	0	0	0	0	0	2	14	30
1800	4	0	0	1—10	1	0	0	1	0	0	0	0	0	0	6	3	11
				11—27	5	0	1	0	1	0	0	0	0	0	3	4	15
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	6	0	1	1	1	0	0	0	0	0	9	7	26
2100	0	0	0	1—10	6	0	0	2	0	1	0	1	2	8	3	1	24
				11—27	1	0	2	0	0	0	0	0	0	0	1	2	6
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	7	0	2	2	0	1	0	1	2	8	4	3	30

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

DEKHEILA (A) — JUNE 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	1	0	0	1—10	4	1	1	1	0	0	1	0	0	3	5	6	22
				11—27	2	2	0	0	0	1	0	0	0	0	0	2	7
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	6	3	1	1	0	1	1	0	0	3	5	8	29
0300	0	0	0	1—10	3	1	1	0	0	1	0	1	2	0	8	6	23
				11—27	2	3	0	0	0	1	1	0	0	0	0	0	7
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	5	4	1	0	0	2	1	1	2	0	8	6	30
0600	0	0	0	1—10	3	2	3	0	1	1	1	0	1	3	8	4	27
				11—27	1	0	0	0	0	1	0	0	0	0	1	0	3
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	2	3	0	1	2	1	0	1	3	9	4	30
0900	0	0	0	1—10	2	4	0	0	1	1	0	1	0	1	6	5	21
				11—27	0	4	0	0	0	0	0	0	0	0	4	1	9
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	8	0	0	1	1	0	1	0	1	10	6	30
1200	0	0	0	1—10	4	1	0	1	0	0	0	0	0	0	3	4	13
				11—27	3	3	4	0	0	0	0	0	0	0	5	2	17
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	7	4	4	1	0	0	0	0	0	0	8	6	30
1500	0	0	0	1—10	3	2	0	0	0	0	0	0	0	0	3	5	13
				11—27	2	3	3	1	0	0	0	0	0	0	3	5	17
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	5	5	3	1	0	0	0	0	0	0	6	10	30
1800	0	0	0	1—10	5	3	2	1	0	0	0	0	0	0	6	5	22
				11—27	2	1	1	1	0	1	0	0	0	0	0	2	8
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	7	4	3	2	0	1	0	0	0	0	6	7	30
2100	0	0	0	1—10	8	1	2	2	0	0	0	0	0	0	4	8	25
				11—27	1	0	0	0	1	0	1	0	0	0	1	1	5
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	9	1	2	2	1	0	1	0	0	0	5	9	30

TABLE A 10—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

ALEXANDRIA (A) — JUNE 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	2	0	0	1—10	2	0	1	0	2	1	0	0	0	4	7	7	24
				11—27	1	0	0	0	0	0	0	0	0	0	1	2	4
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	3	0	1	0	2	1	0	0	0	4	8	9	28
0300	1	0	0	1—10	4	1	0	1	2	0	1	1	0	5	7	5	27
				11—27	0	0	0	0	0	0	0	0	0	0	0	2	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	1	0	1	2	0	1	1	0	5	7	7	29
0600	0	0	0	1—10	0	0	0	2	0	1	0	1	0	5	8	5	22
				11—27	4	0	2	0	0	0	0	0	0	0	1	1	8
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	0	2	2	0	1	0	1	0	5	9	6	30
0900	0	0	0	1—10	1	0	0	2	0	0	2	0	0	2	8	3	15
				11—27	6	0	0	0	0	0	0	0	0	1	5	0	15
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	7	0	0	2	0	0	2	0	0	3	13	3	30
1200	0	0	0	1—10	1	0	0	0	0	0	0	0	0	0	5	0	6
				11—27	6	1	1	0	0	0	0	0	0	1	9	6	24
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	7	1	1	0	0	0	0	0	0	1	14	6	30
1500	0	0	0	1—10	0	1	0	0	0	0	0	0	0	0	3	4	8
				11—27	3	3	0	0	0	0	0	0	0	0	7	9	22
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	3	4	0	0	0	0	0	0	0	0	10	13	30
1800	0	0	0	1—10	6	2	0	0	0	0	0	0	0	1	4	9	22
				11—27	0	1	2	0	0	0	0	0	0	0	3	2	8
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	6	3	2	0	0	0	0	0	0	1	7	11	30
2100	0	0	0	1—10	4	0	2	1	0	0	0	0	0	0	8	11	26
				11—27	0	0	0	1	0	0	0	0	0	0	2	1	4
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	0	2	2	0	0	0	0	0	0	10	12	30

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

PORT SAID (A)—JUNE 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	2	0	0	1—10	2	0	1	0	1	0	0	0	0	2	4	6	16
				11—27	4	0	0	1	1	0	0	0	0	0	1	5	12
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	6	0	1	1	2	0	0	0	0	2	5	11	28
0300	1	0	0	1—10	8	0	0	1	1	0	0	0	3	6	2	1	22
				11—27	2	0	1	0	1	0	0	0	0	0	0	3	7
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	10	0	1	1	2	0	0	0	3	6	2	4	29
0600	1	0	0	1—10	4	1	0	1	1	0	0	1	4	5	1	6	24
				11—27	1	0	0	2	0	0	0	0	0	0	0	2	5
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	5	1	0	3	1	0	0	1	4	5	1	8	29
0900	0	0	0	1—10	6	2	0	2	0	0	0	1	0	2	2	8	23
				11—27	2	0	1	1	0	0	0	0	0	1	0	2	7
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	8	2	1	3	0	0	0	1	0	3	2	10	30
1200	0	0	0	1—10	7	5	0	0	0	0	0	0	0	0	0	1	13
				11—27	7	1	2	1	0	0	0	0	0	0	0	6	17
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	14	6	2	1	0	0	0	0	0	0	0	7	30
1500	0	0	0	1—10	2	2	2	0	0	0	0	0	0	0	0	1	7
				11—27	8	2	3	0	0	0	0	0	0	0	0	10	23
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	10	4	5	0	0	0	0	0	0	0	0	11	30
1800	0	0	0	1—10	7	1	1	0	0	0	0	0	0	0	0	1	10
				11—27	3	3	1	1	0	0	0	0	0	0	1	11	20
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	10	4	2	1	0	0	0	0	0	0	1	12	30
2100	0	0	0	1—10	8	1	1	2	0	1	0	0	0	1	4	4	22
				11—27	2	0	0	2	0	0	0	0	0	0	0	4	8
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	10	1	1	4	0	1	0	0	0	1	4	8	30

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

EL ARISH — JUNE 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	9	0	0	1—10	1	0	0	0	0	4	1	7	4	1	1	2	21
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	1	0	0	0	0	4	1	7	4	1	1	2	21
0300	0	0	0	1—10	1	0	0	1	1	8	3	10	4	0	1	1	30
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	1	0	0	1	1	8	3	10	4	0	1	1	30
0600	1	0	0	1—10	2	0	1	0	1	0	6	3	6	4	4	2	29
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	0	1	0	1	0	6	3	6	4	4	2	29
0900	0	0	0	1—10	2	3	1	0	0	0	0	0	0	0	7	17	30
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	3	1	0	0	0	0	0	0	0	7	17	30
1200	0	0	0	1—10	2	3	1	0	0	0	0	0	0	0	0	21	27
				11—27	0	0	0	0	0	0	0	0	0	0	0	3	3
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	3	1	0	0	0	0	0	0	0	0	24	30
1500	0	0	0	1—10	7	2	1	0	0	0	0	0	0	0	1	18	29
				11—27	0	1	0	0	0	0	0	0	0	0	0	0	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	7	3	1	0	0	0	0	0	0	0	1	18	30
1800	2	0	0	1—10	7	2	4	1	0	0	0	0	0	1	3	10	28
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	7	2	4	1	0	0	0	0	0	1	3	10	28
2100	7	0	0	1—10	4	2	0	0	1	3	0	2	1	2	4	4	23
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	2	0	0	1	3	0	2	1	2	4	4	23

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

GHAZZA — JUNE 1962

Hour (U,T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	2	0	0	1—10	1	0	1	0	3	18	2	0	0	0	2	0	27
				11—27	0	0	0	0	0	1	0	0	0	0	0	0	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	1	0	1	0	3	19	2	0	0	0	2	0	28
0300	2	0	0	1—10	1	0	0	0	2	19	3	0	0	1	1	1	28
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	1	0	0	0	2	19	3	0	0	1	1	1	28
0600	1	0	0	1—10	2	0	1	1	0	0	0	2	14	2	5	2	29
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	0	1	1	1	0	0	2	14	2	5	2	29
0900	0	0	0	1—10	4	1	0	0	0	0	0	0	3	6	9	3	26
				11—27	0	0	0	0	0	0	0	0	0	1	3	0	4
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	1	0	0	0	0	0	0	3	7	12	3	30
1200	0	0	0	1—10	1	0	0	0	0	0	0	0	1	1	10	7	20
				11—27	2	0	0	0	0	0	0	0	0	0	4	4	10
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	3	0	0	0	0	0	0	0	1	1	14	11	30
1500	0	0	0	1—10	4	0	0	0	0	0	0	0	0	0	3	9	16
				11—27	4	4	0	0	0	0	0	0	0	0	0	6	14
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	8	4	0	0	0	0	0	0	0	0	3	15	30
1800	3	0	0	1—10	11	4	2	2	0	0	0	0	0	0	1	4	24
				11—27	1	1	0	0	0	0	0	0	0	0	0	1	3
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	12	5	2	2	0	0	0	0	0	0	1	5	27
2100	4	0	0	1—10	4	2	0	6	3	2	2	0	2	1	2	2	26
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	2	0	6	3	2	2	0	2	1	2	2	26

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

ABU SUEIR (A) — JUNE 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	16	0	0	1—10	1	1	1	0	1	0	0	0	2	2	0	4	12
				11—27	0	0	0	0	0	0	0	0	0	0	0	2	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	1	1	1	0	1	0	0	0	2	2	0	6	14
0300	14	0	0	1—10	1	0	0	1	0	0	0	0	4	4	3	3	16
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	1	0	0	1	0	0	0	0	4	4	3	3	16
0600	5	0	0	1—10	4	2	0	1	1	0	0	0	2	6	6	1	23
				11—27	0	1	0	0	0	1	0	0	0	0	0	0	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	3	0	1	1	1	0	0	2	6	6	1	25
0900	3	0	0	1—10	4	5	3	0	0	0	0	0	1	1	3	6	23
				11—27	0	2	0	0	1	0	0	0	0	0	0	1	4
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	7	3	0	1	0	0	0	1	1	3	7	27
1200	0	0	0	1—10	4	3	1	0	0	1	0	0	0	1	3	6	19
				11—27	4	4	0	1	0	0	0	0	0	0	0	2	11
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	8	7	1	1	0	1	0	0	0	1	3	8	30
1500	0	0	0	1—10	2	4	1	0	0	0	0	0	0	0	1	0	8
				11—27	7	7	2	0	0	0	0	0	0	0	1	5	22
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	9	11	3	0	0	0	0	0	0	0	2	5	30
1800	0	0	0	1—10	5	6	2	0	0	0	0	0	0	0	1	1	15
				11—27	5	4	2	1	0	0	0	0	0	0	0	3	15
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	10	10	4	1	0	0	0	0	0	0	1	4	30
2100	6	0	0	1—10	7	4	1	1	1	0	0	0	0	0	3	5	22
				11—27	0	0	0	0	0	0	0	0	0	0	0	2	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	7	4	1	1	1	0	0	0	0	0	3	7	24

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

CAIRO (A) — JUNE 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	3	0	0	1—10	9	8	2	1	0	0	0	0	0	0	3	2	25
				11—27	0	0	0	0	1	1	0	0	0	0	0	0	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	9	8	2	1	1	1	0	0	0	0	3	2	27
0300	7	0	0	1—10	7	3	2	0	0	0	0	2	0	0	5	2	21
				11—27	0	0	0	1	0	1	0	0	0	0	0	0	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	7	3	2	1	0	1	0	2	0	0	5	2	23
0600	2	0	0	1—10	7	3	0	1	0	0	0	2	0	2	4	3	22
				11—27	1	3	1	0	0	1	0	0	0	0	0	0	6
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	8	6	1	1	0	1	0	2	0	2	4	3	28
0900	0	0	0	1—10	7	3	0	0	0	0	0	0	0	3	4	8	25
				11—27	0	5	0	0	0	0	0	0	0	0	0	0	5
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				> 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	7	8	0	0	0	0	0	0	0	3	4	8	30
1200	0	0	0	1—10	3	1	0	0	0	0	0	0	1	2	3	8	18
				11—27	5	2	1	0	0	0	0	0	1	0	0	3	12
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				> 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	8	3	1	0	0	0	0	0	2	2	3	11	30
1500	0	0	0	1—10	4	0	0	0	0	0	1	0	0	1	1	6	13
				11—27	7	4	0	0	0	0	0	0	0	1	1	4	17
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	11	4	0	0	0	0	1	0	0	2	2	10	30
1800	0	0	0	1—10	5	1	0	0	0	0	0	0	0	0	1	3	10
				11—27	12	5	1	1	0	0	0	0	0	0	1	0	20
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	17	6	1	1	0	0	0	0	0	0	2	3	30
2100	0	0	0	1—10	11	6	2	1	0	0	0	0	0	0	2	4	26
				11—27	0	2	1	0	1	0	0	0	0	0	0	0	4
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	11	8	3	1	1	0	0	0	0	0	2	4	30

TA BLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

MOSTAFA HELMI (A) — JUNE 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
				1—10	6	1	1	0	0	1	0	0	0	0	1	7	17
				11—27	5	1	2	0	0	0	0	0	0	1	0	3	12
0000	1	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**11**	**2**	**3**	**0**	**0**	**1**	**0**	**0**	**0**	**1**	**1**	**10**	**29**
				1—10	3	2	0	0	0	1	1	0	0	1	3	8	19
				11—27	4	1	1	0	0	0	0	0	1	0	0	4	11
0300	0	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**7**	**3**	**1**	**0**	**0**	**1**	**1**	**0**	**1**	**1**	**3**	**12**	**30**
				1—10	4	0	0	1	0	0	0	0	0	0	4	3	12
				11—27	4	7	2	0	0	1	1	0	0	1	0	1	17
0600	1	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**8**	**7**	**2**	**1**	**0**	**1**	**1**	**0**	**0**	**1**	**4**	**4**	**29**
				1—10	4	2	0	0	0	1	0	1	1	0	1	1	11
				11—27	9	5	2	0	0	0	0	0	0	0	0	3	19
0900	0	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**13**	**7**	**2**	0	**0**	**1**	**0**	**1**	**1**	**0**	**1**	**4**	**30**
				1—10	2	1	2	0	0	0	0	1	0	0	0	1	7
				11—27	11	9	0	0	0	0	0	0	1	1	0	1	23
1200	0	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**13**	**10**	**2**	**0**	**0**	**0**	**0**	**1**	**1**	**1**	**0**	**2**	**30**
				1—10	1	3	0	0	0	0	0	0	0	0	0	0	4
				11—27	15	6	1	0	0	0	1	0	0	0	1	2	26
1500	0	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**16**	**9**	**1**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**1**	**2**	**30**
				1—10	1	0	0	0	0	0	0	0	0	0	0	1	2
				11—27	16	8	1	1	0	0	0	0	0	0	0	2	28
1800	0	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**17**	**8**	**1**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**3**	**30**
				1—10	5	1	1	0	0	0	0	0	0	0	0	0	7
				11—27	9	7	2	1	0	0	0	0	0	0	0	4	23
2100	0	0	0	28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**14**	**8**	**3**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**4**	**30**

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

ALMAZA (A) — JUNE 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	0	0	0	1—10	4	8	9	0	2	1	0	1	0	0	0	4	29
				11—27	0	0	0	0	1	0	0	0	0	0	0	0	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	8	9	0	3	1	0	1	0	0	0	4	30
0300	5	0	0	1—10	2	8	5	1	1	0	0	0	0	1	2	5	25
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	8	5	1	1	0	0	0	0	1	2	5	25
0600	1	0	0	1—10	2	12	2	0	0	0	0	1	0	1	1	5	24
				11—27	0	2	2	0	0	1	0	0	0	0	0	0	5
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	14	4	0	0	1	0	1	0	1	1	5	29
0900	0	0	0	1—10	9	10	1	0	0	0	0	1	0	1	1	3	26
				11—27	0	3	1	0	0	0	0	0	0	0	0	0	4
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	9	13	2	0	0	0	0	1	0	1	1	3	30
1200	0	0	0	1—10	7	5	3	0	0	0	1	0	0	0	1	3	20
				11—27	0	7	2	0	0	0	0	1	0	0	0	0	10
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	7	12	5	0	0	0	1	1	0	0	1	3	30
1500	0	0	0	1—10	5	7	1	0	0	0	1	0	0	0	2	3	19
				11—27	2	8	1	0	0	0	0	0	0	0	0	0	11
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	7	15	2	0	0	0	1	0	0	0	2	3	30
1800	0	0	0	1—10	1	7	2	1	1	0	0	0	0	0	1	2	15
				11—27	1	9	3	1	0	0	0	0	0	0	0	1	15
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				>48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	16	5	2	1	0	0	0	0	0	1	3	30
2100	0	0	0	1—10	2	11	8	2	1	1	0	0	0	0	0	2	27
				11—27	0	2	1	0	0	0	0	0	0	0	0	0	3
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	13	9	2	1	1	0	0	0	0	0	2	30

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

ABBASIYA (H.Q)—JUNE 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	11	0	0	1—10	7	2	0	0	0	0	0	0	1	1	1	7	19
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	7	2	0	0	0	0	0	0	1	1	1	7	19
0300	13	0	0	1—10	9	0	1	0	0	0	0	0	1	1	2	3	17
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	9	0	1	0	0	0	0	0	1	1	2	3	17
0600	1	0	0	1—10	12	3	0	0	0	0	1	0	2	2	3	5	28
				11—27	0	1	0	0	0	0	0	0	0	0	0	0	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	12	4	0	0	0	0	1	0	2	2	3	5	29
0900	0	0	0	1—10	12	8	0	0	0	0	0	1	2	1	2	3	29
				11—27	0	0	1	0	0	0	0	0	0	0	0	0	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	12	8	1	0	0	0	0	1	2	1	2	3	30
1200	0	0	0	1—10	9	4	1	0	0	0	0	1	0	1	1	13	30
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	9	4	1	0	0	0	0	1	0	1	1	13	30
1500	0	0	0	1—10	14	4	0	0	0	1	0	0	0	1	1	7	28
				11—27	1	0	0	0	0	0	0	0	1	0	0	0	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	15	4	0	0	0	1	0	0	1	1	1	7	30
1800	0	0	0	1—10	13	5	0	2	0	0	0	0	0	0	2	6	28
				11—27	1	0	0	0	0	0	0	0	0	1	0	0	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	14	5	0	2	0	0	0	0	0	1	2	6	30
2100	3	0	0	1—10	13	7	1	1	0	0	0	0	0	0	2	3	27
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	13	7	1	1	0	0	0	0	0	0	2	3	27

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

GIZA — JUNE 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	0	0	30	1–10	0	0	0	0	0	0	0	0	0	0	0	0	0
				11–27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	0	0	0	0	0	0	0	0	0	0	0	0
0300	0	0	30	1–10	0	0	0	0	0	0	0	0	0	0	0	0	0
				11–27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	0	0	0	0	0	0	0	0	0	0	0	0
0600	0	0	0	1–10	6	8	1	0	0	1	1	0	1	0	2	8	28
				11–27	2	0	0	0	0	0	0	0	0	0	0	0	2
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	8	8	1	0	0	1	1	0	1	0	2	8	30
0900	0	0	0	1–10	8	7	0	0	0	0	1	1	0	1	0	8	26
				11–27	1	3	0	0	0	0	0	0	0	0	0	0	4
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	9	10	0	0	0	0	1	1	0	1	0	8	30
1200	0	0	1	1–10	13	4	2	0	1	2	0	1	0	0	0	0	23
				11–27	1	4	0	0	0	0	0	0	0	0	0	1	6
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	14	8	2	0	1	2	0	1	0	0	0	1	29
1500	0	0	0	1–10	10	4	0	0	0	2	0	0	0	1	0	4	21
				11–27	2	5	0	0	0	0	0	0	0	0	0	2	9
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	12	9	0	0	0	2	0	0	0	1	0	6	30
1800	0	0	0	1–10	12	5	2	0	0	0	0	0	0	0	0	6	25
				11–27	1	3	0	0	0	0	0	0	0	0	0	1	5
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	13	8	2	0	0	0	0	0	0	0	0	7	30
2100	0	0	30	1–10	0	0	0	0	0	0	0	0	0	0	0	0	0
				11–27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28–47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

HELWAN — JUNE 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated: 345/014	015/044	045/074	075/104	105/134	135/164	165/194	195/224	225/254	255/284	285/314	315/344	All directions
0000	1	0	0	1—10	7	4	1	1	1	0	0	0	0	0	2	3	19
				11—27	0	4	2	1	0	0	0	0	0	0	0	2	9
				28—47	0	1	0	0	0	0	0	0	0	0	0	0	1
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	7	9	3	2	1	0	0	0	0	0	2	5	29
0300	5	0	0	1—10	7	4	2	1	1	1	0	0	0	0	0	5	21
				11—27	3	1	0	0	0	0	0	0	0	0	0	0	4
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	10	5	2	1	1	1	0	0	0	0	0	5	25
0600	6	0	0	1—10	9	4	1	0	0	0	0	0	0	0	0	2	16
				11—27	5	2	0	0	1	0	0	0	0	0	0	0	8
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	14	6	1	0	1	0	0	0	0	0	0	2	24
0900	2	0	0	1—10	4	3	0	0	1	0	1	0	0	2	0	1	12
				11—27	9	2	0	0	0	0	0	0	0	0	0	5	16
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	13	5	0	0	1	0	1	0	0	2	0	6	28
1200	0	0	0	1—10	3	1	0	0	0	0	0	1	1	1	0	1	8
				11—27	7	4	0	0	0	0	0	1	0	0	3	7	22
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	10	5	0	0	0	0	0	2	1	1	3	8	30
1500	0	0	0	1—10	6	0	0	0	0	0	2	0	0	0	1	1	10
				11—27	9	3	1	0	0	0	0	0	0	1	1	5	20
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	5	3	1	0	0	0	2	0	0	1	2	6	30
1800	0	0	0	1—10	4	1	0	0	0	0	0	0	0	0	0	3	8
				11—27	12	4	1	0	1	0	0	0	0	1	0	3	22
				28—47	0	1	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	16	5	1	0	1	0	0	0	0	1	0	6	30
2100	2	0	0	1—10	3	1	0	1	0	1	0	0	0	0	0	2	8
				11—27	10	5	0	0	0	0	0	0	0	1	0	3	20
				28—47	0	1	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	13	7	0	1	0	1	0	0	0	1	0	5	28

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

MINYA (A) — JUNE 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of direstions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	0	0	0	1—10	12	2	0	0	0	0	1	0	0	0	0	2	17
				11—27	11	2	0	0	0	0	0	0	0	0	0	0	13
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	23	4	0	0	0	0	1	0	0	0	0	2	30
0300	2	0	0	1—10	8	0	0	0	0	0	0	0	0	0	1	8	17
				11—27	10	1	0	0	0	0	0	0	0	0	0	0	11
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	18	1	0	0	0	0	0	0	0	0	1	8	28
0600	0	0	0	1—10	8	4	0	0	0	0	1	0	0	0	0	1	14
				11—27	11	5	0	0	0	0	0	0	0	0	0	0	16
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	19	9	0	0	0	0	1	0	0	0	0	1	30
0900	0	0	0	1—10	2	3	0	0	0	0	1	0	0	0	1	2	9
				11—27	11	9	0	0	0	0	0	0	0	0	0	1	21
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	13	12	0	0	0	0	1	0	0	0	1	3	30
1200	0	0	0	1—10	2	0	0	0	0	0	0	1	1	0	2	0	6
				11—27	13	8	0	0	0	0	0	0	0	0	0	3	24
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	15	8	0	0	0	0	0	1	1	0	2	3	30
1500	2	0	0	1—10	1	6	0	0	0	0	0	0	0	0	0	0	7
				11—27	13	5	0	0	0	0	0	0	0	0	1	2	21
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	14	11	0	0	0	0	0	0	0	0	1	2	28
1800	2	0	0	1—10	12	6	0	0	0	0	0	0	0	0	1	0	19
				11—27	7	2	0	0	0	0	0	0	0	0	0	0	9
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	19	8	0	0	0	0	0	0	0	0	1	0	28
2100	1	0	0	1—10	8	0	0	0	0	0	0	0	0	0	0	0	8
				11—27	16	5	0	0	0	0	0	0	0	0	0	0	21
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	24	5	0	0	0	0	0	0	0	0	0	0	29

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

ASYOUT (A) — JUNE 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	0	0	0	1—10	0	0	0	0	1	0	0	0	2	15	5	4	27
				11—27	0	0	0	0	0	0	0	0	0	0	2	1	3
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	0	0	0	1	0	0	0	2	15	7	5	30
0300	2	0	0	1—10	0	0	0	0	0	0	0	0	0	22	4	1	27
				11—27	0	0	0	0	0	0	0	0	0	0	1	0	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	0	0	0	0	0	0	0	0	22	5	1	28
0600	1	0	0	1—10	0	0	1	0	0	0	0	0	0	3	16	5	25
				11—27	0	0	0	0	0	0	0	0	0	0	2	2	4
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	0	1	0	0	0	0	0	0	3	18	7	29
0900	1	0	0	1—10	0	1	0	0	0	0	0	0	0	2	4	4	11
				11—27	0	0	0	0	0	0	0	0	0	0	7	11	18
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	1	0	0	0	0	0	0	0	2	11	15	29
1200	2	0	0	1—10	0	0	1	1	0	0	0	0	0	0	0	1	3
				11—27	0	1	0	0	0	0	0	0	0	0	10	14	25
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	1	1	1	0	0	0	0	0	0	10	15	28
1500	0	0	0	1—10	0	2	0	0	0	0	0	0	0	0	1	4	7
				11—27	2	1	0	0	0	0	0	0	0	0	9	11	23
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	3	0	0	0	0	0	0	0	0	10	15	30
1800	3	0	0	1—10	1	0	0	0	0	0	0	0	0	4	9	11	25
				11—27	0	0	0	0	0	0	0	0	0	0	1	1	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	1	0	0	0	0	0	0	0	0	4	10	12	27
2100	5	0	0	1—10	0	0	0	0	0	0	0	0	3	12	4	4	23
				11—27	0	0	0	0	0	0	0	0	0	1	1	0	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	0	0	0	0	0	0	0	3	13	5	4	25

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

LUXOR (A) — JUNE 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												All directions
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	
0000	9	0	0	1—10	1	1	1	1	2	3	1	4	3	3	0	0	20
				11—27	0	0	0	1	0	0	0	0	0	0	0	0	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	1	1	1	2	2	3	1	4	3	3	0	0	21
0300	12	0	0	1—10	1	2	1	0	0	1	2	5	5	1	0	0	18
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	1	2	1	0	0	1	2	5	5	1	0	0	18
0600	13	0	0	1—10	2	5	1	0	0	0	0	1	2	0	5	1	17
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	5	1	0	0	0	0	1	2	0	5	1	17
0900	0	0	0	1—10	8	14	3	1	0	0	0	0	0	1	2	1	30
				11—27	0	0	0	0	0	0	0	0	0	0	0	0	0
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	8	14	3	1	0	0	0	0	0	1	2	1	30
1200	0	0	0	1—10	5	8	1	0	0	0	0	0	0	1	2	6	23
				11—27	1	1	0	0	1	0	0	0	0	0	0	4	7
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	6	9	1	0	1	0	0	0	0	1	2	10	30
1500	0	0	0	1—10	8	5	1	0	0	0	0	0	0	0	4	9	27
				11—27	0	1	0	1	0	0	0	0	0	0	0	1	3
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	8	6	1	1	0	0	0	0	0	0	4	10	30
1800	4	0	0	1—10	4	1	0	3	0	0	0	0	0	1	5	7	21
				11—27	0	0	0	3	0	0	0	0	0	0	0	2	5
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	1	0	6	0	0	0	0	0	1	5	9	26
2100	5	0	0	1—10	7	2	0	1	0	1	1	2	4	3	2	1	24
				11—27	1	0	0	0	0	0	0	0	0	0	0	0	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥ 48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	8	2	0	1	0	1	1	2	4	3	2	1	25

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

ASWAN (A) — JUNE 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	5	0	0	1—10	9	1	0	0	1	0	0	0	0	0	2	2	15
				11—27	6	0	0	0	0	0	0	0	0	0	2	2	10
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	15	1	0	0	1	0	0	0	0	0	4	4	25
0300	4	0	0	1—10	11	0	0	0	0	0	0	0	0	0	5	2	18
				11—27	5	1	0	0	0	0	0	0	0	0	2	0	8
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	16	1	0	0	0	0	0	0	0	0	7	2	26
0600	4	0	0	1—10	9	0	0	0	0	0	0	0	0	0	0	1	10
				11—27	10	2	1	0	0	0	0	0	0	0	2	1	16
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	19	2	1	0	0	0	0	0	0	0	2	2	26
0900	1	0	0	1—10	6	4	1	2	0	0	0	0	0	0	2	0	15
				11—27	9	2	0	0	1	0	0	0	0	1	0	1	14
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	15	6	1	2	1	0	0	0	0	1	2	1	29
1200	4	0	0	1—10	2	3	0	0	0	1	2	0	0	1	0	2	11
				11—27	6	3	1	0	0	0	0	0	0	1	1	3	15
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	8	6	1	0	0	1	2	0	0	2	1	5	26
1500	2	0	0	1—10	7	0	0	0	0	0	0	1	0	3	1	1	13
				11—27	11	2	0	0	0	0	0	0	0	0	2	0	15
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	18	2	0	0	0	0	0	1	0	3	3	1	28
1800	3	0	0	1—10	7	0	0	0	0	0	0	0	0	1	2	2	12
				11—27	9	1	0	0	0	0	0	0	0	0	4	1	15
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	16	1	0	0	0	0	0	0	0	1	6	3	27
2100	1	0	0	1—10	8	1	0	0	1	0	0	0	0	0	2	3	15
				11—27	5	1	1	0	0	0	0	0	0	0	5	2	14
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	13	2	1	0	1	0	0	0	0	0	7	5	29

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

SIWA — JUNE 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	6	0	0	1—10	2	2	6	4	5	1	0	0	0	0	0	0	20
				11—27	2	0	2	0	0	0	0	0	0	0	0	0	4
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	2	8	4	5	1	0	0	0	0	0	0	24
0300	10	0	0	1—10	1	6	3	6	2	0	0	0	0	0	0	1	19
				11—27	0	1	0	0	0	0	0	0	0	0	0	0	1
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	1	7	3	6	2	0	0	0	0	0	0	1	20
0600	7	0	0	1—10	6	4	4	3	0	0	0	0	0	0	0	2	19
				11—27	1	0	1	1	1	0	0	0	0	0	0	0	4
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	7	4	5	4	1	0	0	0	0	0	0	2	23
0900	0	0	0	1—10	1	5	3	2	1	1	2	0	0	1	3	6	25
				11—27	0	1	0	1	1	1	0	0	1	0	0	0	5
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	1	6	3	3	2	2	2	0	1	1	3	6	30
1200	1	0	0	1—10	4	1	3	1	0	0	0	1	0	0	4	3	17
				11—27	2	3	0	0	0	1	1	0	0	1	0	4	12
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	6	4	3	1	0	1	1	1	0	1	4	7	29
1500	0	0	0	1—10	4	4	0	1	1	0	0	1	1	0	1	1	14
				11—27	5	5	0	0	0	0	0	0	0	1	2	3	16
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	9	9	0	1	1	0	0	1	1	1	3	4	30
1800	4	0	0	1—10	2	1	2	1	0	0	1	0	0	1	3	4	15
				11—27	1	7	2	1	0	0	0	0	0	0	0	0	11
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	3	8	4	2	0	0	1	0	0	1	3	4	26
2100	2	0	0	1—10	2	0	8	1	1	0	1	0	0	0	1	0	14
				11—27	4	0	8	2	0	0	0	0	0	0	0	0	14
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	6	0	16	3	1	0	1	0	0	0	1	0	28

TABLE A 10—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

BAHARIYA — JUNE 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	5	0	0	1—10	13	7	1	0	0	0	0	0	0	0	1	0	22
				11—27	1	1	0	0	0	0	1	0	0	0	0	0	3
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	14	8	1	0	0	0	1	0	0	0	1	0	25
0300	17	0	0	1—10	6	1	0	0	0	0	0	0	0	0	2	0	9
				11—27	3	1	0	0	0	0	0	0	0	0	0	0	4
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	9	2	0	0	0	0	0	0	0	0	2	0	13
0600	10	0	0	1—10	11	4	0	0	0	0	0	0	0	0	1	0	16
				11—27	1	1	1	0	0	0	0	1	0	0	0	0	4
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	12	5	1	0	0	0	0	1	0	0	1	0	20
0900	0	0	0	1—10	8	5	1	1	0	1	1	0	0	1	2	1	21
				11—27	3	3	1	0	0	0	0	0	0	0	0	2	9
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	11	8	2	1	0	1	1	0	0	1	2	3	30
1200	0	0	0	1—10	6	5	0	0	0	0	1	0	1	1	1	3	18
				11—27	6	3	0	0	0	0	0	0	0	0	1	2	12
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	12	8	0	0	0	0	1	0	1	1	2	5	30
1500	0	0	0	1—10	6	4	0	1	0	0	0	0	0	1	1	3	16
				11—27	6	5	0	0	0	0	0	0	0	0	1	2	14
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	12	9	0	1	0	0	0	0	0	1	2	5	30
1800	1	0	0	1—10	9	3	2	0	0	0	0	0	0	0	1	8	23
				11—27	3	3	0	0	0	0	0	0	0	0	0	0	6
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	12	6	2	0	0	0	0	0	0	0	1	8	29
2100	2	0	0	1—10	10	4	2	0	1	0	0	0	0	1	1	2	21
				11—27	4	3	0	0	0	0	0	0	0	0	0	0	7
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	14	7	2	0	1	0	0	0	0	1	1	2	28

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

FARAFRA — JUNE 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	3	0	0	1—10	13	2	0	0	0	0	0	0	0	1	0	3	19
				11—27	4	2	1	0	0	0	0	0	0	0	0	0	7
				28—47	0	1	0	0	0	0	0	0	0	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**17**	**5**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**3**	**27**
0300	10	0	0	1—10	10	4	0	0	0	0	0	1	0	0	1	1	17
				11—27	1	2	0	0	0	0	0	0	0	0	0	0	3
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**11**	**6**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**1**	**1**	**20**
0600	10	0	0	1—10	5	7	1	0	0	0	0	1	0	0	0	0	14
				11—27	2	4	0	0	0	0	0	0	0	0	0	0	6
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**7**	**11**	**1**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**20**
0900	1	0	0	1—10	7	8	2	1	0	1	0	0	1	0	1	1	22
				11—27	1	3	3	0	0	0	0	0	0	0	0	0	7
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**8**	**11**	**5**	**1**	**0**	**1**	**0**	**0**	**1**	**0**	**1**	**1**	**29**
1200	0	0	0	1—10	4	4	0	0	0	0	1	0	0	0	3	4	16
				11—27	3	6	2	0	0	0	0	0	0	0	0	3	14
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**7**	**10**	**2**	**0**	**0**		**1**	**0**	**0**	**0**	**3**	**7**	**30**
1500	0	0	0	1—10	5	4	0	1	0	0	0	0	0	0	0	7	17
				11—27	5	6	1	0	0	0	0	0	0	0	0	1	13
				28—47	0	0	0	0	0	0	0	0	0	9	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**10**	**10**	**1**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**8**	**30**
1800	2	0	0	1—10	10	5	0	0	0	0	0	0	0	0	1	7	23
				11—27	2	1	1	0	0	0	0	0	0	0	0	1	5
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**12**	**6**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**8**	**28**
2100	1	0	0	1—10	14	2	0	0	0	1	0	0	0	0	1	5	23
				11—27	2	3	1	0	0	0	0	0	0	0	0	0	6
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**16**	**5**	**1**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**1**	**5**	**29**

TABLE A 10—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

DAKHLA — JUNE 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	0	0	0	1—10	2	3	0	2	0	0	0	0	0	8	5	5	25
				11—27	2	1	0	2	0	0	0	0	0	0	0	0	5
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	4	0	4	0	0	0	0	0	8	5	5	30
0300	0	0	0	1—10	0	0	3	1	1	2	3	1	6	6	3	2	28
				11—27	0	2	0	0	0	0	0	0	0	0	0	0	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	2	3	1	1	2	3	1	6	6	3	2	30
0600	2	0	0	1—10	2	1	2	0	2	2	0	1	1	5	3	4	26
				11—27	1	1	0	0	0	0	0	0	0	0	0	3	2
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	3	2	2	0	2	2	0	1	1	5	3	7	28
0900	0	0	0	1—10	2	2	2	1	1	0	0	0	0	0	1	6	15
				11—27	8	2	1	1	0	0	0	0	0	0	0	3	15
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	10	4	3	2	1	0	0	0	0	0	1	9	30
1200	0	0	0	1—10	4	1	0	0	0	0	0	0	0	2	0	6	13
				11—27	10	3	1	0	0	0	0	0	0	0	0	3	17
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	14	4	1	0	0	0	0	0	0	2	0	9	30
1500	0	0	0	1—10	3	0	2	1	0	0	0	0	0	0	1	7	14
				11—27	6	3	1	0	0	0	0	0	0	0	0	6	16
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	9	3	3	1	0	0	0	0	0	0	1	13	30
1800	0	0	0	1—10	14	4	1	0	0	0	0	0	0	0	1	7	27
				11—27	1	2	0	0	0	0	0	0	0	0	0	0	3
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	15	6	1	0	0	0	0	0	0	0	1	7	30
2100	0	0	0	1—10	2	0	0	1	1	0	1	0	2	3	8	6	24
				11—27	1	5	0	0	0	0	0	0	0	0	0	0	6
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	3	5	0	1	1	0	1	0	2	3	8	6	30

TABLE A 10—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

KHARGA — JUNE 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	17	0	0	1—10	6	0	0	0	0	0	0	0	0	0	0	0	6
				11—27	5	1	0	0	0	0	0	0	0	0	0	0	6
				28—47	1	0	0	0	0	0	0	0	0	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	12	1	0	0	0	0	0	0	0	0	0	0	13
0300	18	0	0	1—10	7	0	0	0	0	0	0	0	0	0	0	0	7
				11—27	3	1	0	0	0	0	0	0	0	0	0	0	4
				28—47	1	0	0	0	0	0	0	0	0	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	11	1	0	0	0	0	0	0	0	0	0	0	12
0600	10	0	0	1—10	10	2	0	0	0	0	0	0	0	0	0	0	12
				11—27	6	0	0	0	0	0	0	0	0	0	0	0	6
				28—47	2	0	0	0	0	0	0	0	0	0	0	0	2
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	18	2	0	0	0	0	0	0	0	0	0	0	20
0900	3	0	0	1—10	12	1	0	0	0	0	0	0	0	0	0	0	13
				11—27	14	0	0	0	0	0	0	0	0	0	0	0	14
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	26	1	0	0	0	0	0	0	0	0	0	0	27
1200	2	0	0	1—10	10	3	0	0	0	0	0	0	0	0	0	1	14
				11—27	13	1	0	0	0	0	0	0	0	0	0	0	14
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	23	4	0	0	0	0	0	0	0	0	0	1	28
1500	4	0	0	1—10	9	1	1	0	0	0	0	0	0	0	0	1	12
				11—27	11	1	1	1	0	0	0	0	0	0	0	0	14
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	20	2	2	1	0	0	0	0	0	0	0	1	26
1800	14	0	0	1—10	9	1	0	0	0	0	0	0	0	0	0	0	10
				11—27	6	0	0	0	0	0	0	0	0	0	0	0	6
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All sppeds	15	1	0	0	0	0	0	0	0	0	0	0	16
2100	18	0	0	1—10	5	0	0	0	0	0	0	0	0	0	0	0	5
				11—27	5	1	0	0	0	0	0	0	0	0	0	0	6
				28—47	1	0	0	0	0	0	0	0	0	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	11	1	0	0	0	0	0	0	0	0	0	0	12

TABLE A 10—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS

TOR — JUNE 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	8	0	0	1—10	0	0	0	0	0	0	0	0	0	0	3	3	6
				11—27	0	0	0	0	0	0	0	0	0	1	14	1	16
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	0	0	0	0	0	0	0	0	1	17	4	22
0300	7	0	0	1—10	0	0	0	0	1	0	0	0	0	1	7	3	12
				11—27	0	0	0	0	0	0	0	0	0	0	10	1	11
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	0	0	0	1	0	0	0	0	1	17	4	23
0600	2	0	0	1—10	0	0	0	0	0	0	0	0	0	3	8	1	12
				11—27	0	0	0	0	0	0	0	0	0	1	14	1	16
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	0	0	0	0	0	0	0	0	4	22	2	28
0900	0	0	0	1—10	0	0	0	0	0	0	1	0	1	3	5	0	10
				11—27	0	0	0	0	0	0	0	0	0	4	16	0	20
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	0	0	0	0	0	1	0	1	7	21	0	30
1200	0	0	0	1—10	0	0	0	0	0	0	1	0	1	6	2	0	10
				11—27	0	0	0	0	0	0	0	0	0	1	17	2	20
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	0	0	0	0	0	1	0	1	7	19	2	30
1500	2	0	0	1—10	0	0	0	0	0	0	2	0	0	4	4	0	10
				11—27	0	0	0	0	0	0	0	0	0	3	14	1	18
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	0	0	0	0	0	2	0	0	7	18	1	28
1800	4	0	0	1—10	0	0	0	0	0	0	3	0	0	6	7	1	17
				11—27	0	0	0	0	0	0	0	0	0	1	7	1	9
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	0	0	0	0	0	3	0	0	7	14	2	26
2100	6	0	0	1—10	2	0	0	1	0	0	1	0	0	3	3	2	12
				11—27	0	0	0	0	0	0	0	0	0	4	6	2	12
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	0	0	1	0	0	1	0	0	7	9	4	24

TABLE A 10.— NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSBRVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

HURGHADA (A) — JUNE 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												All directions
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	
0000	1	0	0	1—10	0	0	0	0	0	0	0	0	0	1	6	5	12
				11—27	2	0	0	0	0	0	0	0	0	0	6	8	16
				28—47	0	0	0	0	0	0	0	0	0	0	0	1	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	0	0	0	0	0	0	0	0	1	12	14	29
0300	1	0	0	1—10	0	0	0	0	0	0	0	0	0	2	3	6	11
				11—27	1	0	0	0	0	0	0	0	0	0	5	11	17
				28—47	0	0	0	0	0	0	0	0	0	0	0	1	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	1	0	0	0	0	0	0	0	0	2	8	18	29
0600	2	0	0	1—10	0	0	0	0	0	0	0	0	0	0	1	1	2
				11—27	0	0	0	0	0	0	0	0	0	0	1	25	26
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	0	0	0	0	0	0	0	0	0	2	26	28
0900	0	0	0	1—10	2	0	1	0	0	0	0	0	0	0	0	1	4
				11—27	14	3	0	0	0	0	0	0	0	0	0	9	26
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	16	3	1	0	0	0	0	0	0	0	0	10	30
1200	0	0	0	1—10	5	5	1	0	0	0	0	0	0	0	0	0	11
				11—27	15	1	0	0	0	0	0	0	0	0	0	3	19
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	20	6	1	0	0	0	0	0	0	0	0	3	30
1500	1	0	0	1—10	5	1	2	0	0	1	0	0	0	0	0	6	15
				11—27	4	0	0	0	0	0	0	0	0	0	0	10	14
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	9	1	2	0	0	1	0	0	0	0	0	16	29
1800	2	0	0	1—10	0	0	0	0	0	0	0	1	0	0	1	9	11
				11—27	0	0	0	0	0	0	0	0	0	0	5	11	16
				28—47	0	0	0	0	0	0	0	0	0	0	0	1	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	0	0	0	0	0	0	1	0	0	6	21	28
2100	0	0	0	1—10	0	1	0	0	0	0	0	0	0	7	3	2	13
				11—27	0	0	0	0	0	0	0	0	0	2	6	7	15
				28—47	0	0	0	0	0	0	0	0	0	0	0	2	2
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	1	0	0	0	0	0	0	0	9	9	11	30

TABLE A 10.—NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED, WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

QUSEIR — JUNE 1962

Hour (U.T.)	Calm	Variable	Not observed	Wind speed in knots	Number of cases of occurrences of wind blowing from the ranges of directions indicated												
					345 / 014	015 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
0000	5	0	0	1—10	2	0	0	0	0	0	0	0	0	7	4	3	16
				11—27	1	0	0	0	0	0	0	0	0	1	0	7	9
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	3	0	0	0	0	0	0	0	0	8	4	10	25
0300	0	0	0	1—10	0	0	0	0	0	0	0	0	0	4	6	6	16
				11—27	0	0	0	0	0	0	0	0	0	1	3	10	14
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	0	0	0	0	0	0	0	0	5	9	16	30
0600	0	0	0	1—10	2	0	0	0	0	0	0	0	0	0	1	1	4
				11—27	3	0	0	0	0	0	0	0	0	0	2	20	25
				28—47	0	0	0	0	0	0	0	0	0	0	0	1	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	5	0	0	0	0	0	0	0	0	0	3	22	30
0900	0	0	0	1—10	0	0	0	0	0	0	0	0	0	0	0	1	1
				11—27	19	0	0	0	0	0	0	0	0	0	0	10	29
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	19	0	0	0	0	0	0	0	0	0	0	11	30
1200	0	0	0	1—10	5	0	0	0	0	0	0	0	0	0	0	0	5
				11—27	15	1	0	0	0	0	0	0	0	0	0	9	25
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	20	1	0	0	0	0	0	0	0	0	0	9	30
1500	2	0	0	1—10	7	0	0	0	0	0	0	0	0	0	0	6	13
				11—27	5	0	0	0	0	0	0	0	0	0	0	10	15
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	12	0	0	0	0	0	0	0	0	0	0	16	28
1800	8	0	0	1—10	1	0	0	0	0	0	0	0	0	0	4	10	15
				11—27	1	0	0	0	0	0	0	0	0	0	1	5	7
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	0	0	0	0	0	0	0	0	0	5	15	22
2100	13	0	0	1—10	0	0	0	0	0	0	0	0	0	2	3	6	11
				11—27	1	0	0	0	0	0	0	0	0	0	1	4	6
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	1	0	0	0	0	0	0	0	0	2	4	10	17

TABLE B 1.—UPPER AIR CLIMATOLOGICAL DATA

MERSA MATRUH (A) — 0000 U.T. — JUNE 1962

Pressure surface (millibar)	Heights of pressure surfaces (gpm.)				Temperature (°C)				Dew point (°C)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
		*	*	*						
Surface of station . .	30	1009mb.	1017mb.	1002mb.	30	21.2	23.5	19.7	30	17.8
1000	30	123	189	60	30	21.2	23.8	18.0	30	17.1
850	30	1529	1580	1489	30	18.7	25.4	13.3	26	2.4
700	30	3164	3235	3121	30	9.6	11.8	7.3	11	— 5.2
600	30	4426	4489	4384	30	1.2	4.8	— 3.0	9	—11.5
500	30	5866	5923	5804	30	— 8.4	— 1.8	—13.1	8	—18.7
400	30	7559	7609	7474	30	—20.4	—13.8	—24.6	4	—28.9
300	30	9625	9721	9531	30	—34.6	—28.7	—42.9	—	—
200	30	12363	12503	12219	30	—50.1	—41.3	—54.6	—	—
150	30	14195	14325	14047	30	—60.9	—57.8	—64.8	—	—
100	29	16652	16763	16547	29	—71.4	—66.3	—77.0	—	—
60	20	19717	19816	19630	20	—63.5	—59.4	—67.7	—	—
40	17	22251	22377	22161	17	—55.7	—53.3	—60.5	—	—
30	13	24092	24229	24011	13	—51.9	—49.8	—54.7	—	—
20	10	26738	26814	26655	10	—46.6	—43.2	—48.6	—	—
10	—	—	—	—	—	—	—	—	—	—

N = Number of observations of specified pressure surfaces.

* The atmospheric pressure corrected to the elevation of the radiosonde station.

TABLE B 1.—UPPER AIR CLIMATOLOGICAL DATA

MERSA MATRUH (A) — 1200 U.T. — JUNE 1962

Pressure surface (millibar)	Heights of pressure surfaces (gpm.)				Temperature (°C)				Dew point (°C)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
		*	*	*						
Surface of station . .	30	1009mb.	1016mb.	1003mb.	30	25.6	37.0	23.3	30	18.7
1000	30	124	180	69	30	25.0	36.7	21.9	30	17.3
850	30	1536	1583	1498	30	19.5	25.5	14.6	22	2.6
700	30	3178	3244	3141	30	10.5	13.0	6.3	10	— 8.1
600	30	4441	4513	4397	30	1.8	5.9	— 2.1	10	—13.9
500	30	5886	5956	5816	30	— 7.7	— 0.3	—12.0	8	—19.2
400	30	7585	7660	7504	30	—19.5	—11.3	—24.5	6	—32.1
300	30	9662	9792	9564	30	—34.1	—27.2	—45.7	—	—
200	30	12412	12595	12303	30	—49.3	—46.4	—55.1	—	—
150	29	14253	14456	14133	29	—59.7	—54.6	—63.0	—	—
100	28	16712	16808	16589	28	—70.2	—61.4	—75.8	—	—
60	23	19865	19926	19670	23	—62.1	—52.2	—66.9	—	—
40	19	22479	22584	22188	19	—52.4	—45.7	—63.5	—	—
30	9	24222	24340	24113	9	—48.2	—44.7	—52.0	—	—
20	2	26893	26969	26818	2	—43.9	—41.1	—46.7	—	—
10	—	—	—	—	—	—	—	—	—	—

N = Number of observations of specified pressure surfaces.

* The atmospheric pressure corrected to the elevation of the radiosonde station.

Note : Climatological upper air data for Aswan is missing since number of days of radiosonde sets at this station are less than the permissible number needed for calculating or processing monthly values.

TABLE B 1.—UPPER AIR CLIMATOLOGICAL DATA

HELWAN — 0000 U.T. — JUNE 1962

Pressure surface (millibar)	Heights of pressure surfaces (gpm.)				Temperature (°C)				Dew point (°C)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
		*	*	*						
Surface of station . .	29	994mb.	1000mb.	990mb.	29	22.4	29.4	19.0	29	13.5
1000	29	93	140	60	—	—	—	—	—	—
850	29	1499	1549	1471	29	19.8	25.6	13.5	25	0.5
700	29	3145	3203	3100	29	11.2	15.4	6.8	14	— 7.2
600	29	4410	4464	4355	29	2.3	6.9	— 3.8	9	—13.4
500	29	5857	5905	5785	29	— 7.0	0.9	—13.7	6	—21.9
400	29	7561	7627	7470	29	—18.6	—12.3	—24.2	—	—
300	29	9647	9757	9550	29	—32.1	—27.8	—39.2	—	—
200	28	12410	12573	12291	28	—49.4	—48.1	—54.2	—	—
150	28	14243	14470	14113	28	—61.5	—56.9	—64.0	—	—
100	25	16683	16914	16558	25	—72.9	—68.8	—76.2	—	—
60	19	19726	19896	19548	19	—65.7	—61.1	—70.0	—	—
40	11	22259	22439	22059	11	—55.0	—50.9	—59.5	—	—
30	1	24181	—	—	1	—50.2	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—

N = Number of observations of specified pressure surfaces.

* The atmospheric pressure corrected to the elevation of the radiosonde station.

TABLE B 1.—UPPER AIR CLIMATOLOGICAL DATA

HELWAN — 1200 U.T. — JUNE 1962

Pressure surface (millibar)	Heights of pressure surfaces (gpm.)				Temperature (°C)				Dew point (°C)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
		*	*	*						
Surface of station . .	29	993mb	1000mb.	990mb.	29	34.9	41.4	30.2	29	6.8
1000	29	87	140	60	—	—	—	—	—	—
850	29	1514	1566	1480	29	20.0	30.8	15.7	27	— 1.0
700	29	3163	3226	3122	29	11.6	15.2	9.4	10	—10.8
600	29	4430	4496	4388	29	3.1	9.4	— 2.9	7	—15.9
500	29	5880	5943	5793	29	— 6.4	2.2	—11.8	—	—
400	29	7588	7697	7454	29	—18.0	—10.7	—25.2	—	—
300	29	9681	9846	9515	29	—31.0	—26.0	—39.0	—	—
200	28	12451	12656	12235	28	—47.4	—45.0	—53.0	—	—
150	27	14290	14506	14041	27	—61.1	—58.2	—64.7	—	—
100	24	16719	16938	16460	24	—72.3	—69.1	—76.1	—	—
60	19	19756	19939	19422	19	—63.5	—57.2	—67.7	—	—
40	7	22275	22471	21998	7	—51.2	—48.7	—57.0	—	—
30	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—

N = Number of observations of specified pressure surfaces.

* The atmospheric pressure corrected to the elevation of the radiosonde station.

TABLE B 2.—MEAN AND EXTREME VALUES OF THE FREEZING LEVEL AND THE TROPOPAUSE THE HIGHEST WIND SPEED IN THE UPPER AIR

0000 U.T. — JUNE 1962

Station	Freezing level									First tropopause									Highest wind speed			
	Mean			Highest			Lowest			Mean			Highest			Lowest						
	Altitude (gpm.)	Pressure (mb.)	Dew point (°C)	Altitude (gpm.)	Pressure (mb.)	Dew point (°C)	Altitude (gpm.)	Pressure (mb.)	Dew point (°C)	Altitude (gpm.)	Pressure (mb.)	Temperature (°C)	Altitude (gpm.)	Pressure (mb.)	Temperature (°C)	Altitude (gpm.)	Pressure (mb.)	Temperature (°C)	Altitude (gpm.)	Pressure (mb.)	Direction (000 - 360)	Speed in knots
	(N)	(N)	(N)							(N)	(N)	(N)										
Mersa Matruh (A)	4671 (30)	583 (30)	—10.8 (10)	5560	517	—	4010	628	— 7.4	13176 (30)	186 (30)	—56.9 (30)	16712	100	—75.8	9580	300	—39.0	10200	273	220	118
Helwan	4831 (29)	571 (29)	—12.7 (29)	6020	490	—	3800	643	— 8.7	13914 (22)	168 (22)	—59.9 (22)	17450	88	—72.5	9130	319	—33.0	16800	96	230	127

N = The number of cases the element has been observed during the month.

TABLE B 2.—MEAN AND EXTREME VALUES OF THE FREEZING LEVEL AND THE TROPOPAUSE ; THE HIGHEST WIND SPEED IN THE UPPER AIR

1200 U.T. — JUNE 1962

Station	Freezing level									Frist tropopause									Highest wind speed			
	Mean			Highest			Lowest			Mean			Highest			Lowest						
	Altitude (gpm.)	Pressure (mb.)	Dew point (°C)	Altitude (gpm.)	Pressure (mb.)	Dew point (°C)	Altitude (gpm.)	Pressure (mb.)	Dew point (°C)	Altitude (gpm.)	Pressure (mb.)	Temperature (°C)	Altitude (gpm.)	Pressure (mb.)	Temperature (°C)	Altitude (gpm.)	Pressure (mb.)	Temperature (°C)	Altitude (gpm.)	Pressure (mb.)	Direction (000 - 360)	Speed in knots
	(N)	(N)	(N)							(N)	(N)	(N)										
Mersa Matruh (A)	4797 (30)	574 (30)	—13.3 (10)	5940	497	—	4180	612	— 8.2	12994 (27)	188 (27)	—55.5 (27)	15910	116	71.9	9700	297	—39.5	11700	218	220	103
Helwan	4967 (29)	560 (29)	—17.0 (7)	6230	481	—	4090	624	—14.3	14653 (24)	147 (24)	—64.0 (24)	17240	85	—75.1	9680	301	—37.4	12900	186	230	111

N = The number of cases the element has been observed during the month.

TABLE B 3.—NUMBER OF OCCURRENCES OF WIND DIRECTION WITHIN SPECIFIED RANGES AND THE MEAN SCALAR WIND SPEED AT THE STANDARD AND SELECTED PRESSURE SURFACES

MERSA MATRUH (A) — 0000 U.T. — JUNE 1962

pressure surface (millibar)	Wind between specified ranges of direction (000-360)°																								Number of calm winds	Total number of observations (TN)	Mean scalar wind speed (knots)
	345–014		015–044		045–074		075–104		105–134		135–164		165–194		195–224		225–254		255–284		285–314		315–344				
	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m			
Surface of station	5	10	2	12	1	7	1	2	0	—	1	8	1	7	1	2	1	5	11	7	2	9	4	10	0	30	8
1000	6	9	2	12	1	7	1	2	0	—	1	8	1	7	1	2	0	—	11	7	2	9	4	10	0	30	8
850	7	15	3	14	1	6	0	—	0	—	0	—	0	—	2	10	0	—	3	15	5	16	9	14	0	30	14
700	3	14	0	—	0	—	0	—	0	—	0	—	0	—	4	26	1	29	4	22	12	13	6	15	0	30	17
600	1	8	0	—	0	—	0	—	0	—	0	—	0	—	2	41	5	20	10	16	6	23	6	14	0	30	19
500	1	11	0	—	0	—	0	—	0	—	0	—	0	—	4	33	6	21	9	21	8	15	2	19	0	30	20
400	1	14	0	—	0	—	0	—	0	—	0	—	0	—	1	52	9	29	14	24	3	25	2	11	0	30	25
300	1	10	0	—	0	—	0	—	0	—	0	—	0	—	8	46	11	30	9	36	0	—	1	43	0	30	36
200	0	—	0	—	0	—	0	—	0	—	0	—	0	—	4	34	12	42	7	48	1	24	0	—	0	24	44
150	0	—	0	—	0	—	0	—	0	—	0	—	1	32	2	24	8	49	5	47	1	13	0	—	0	17	42
100	0	—	0	—	0	—	1	16	1	6	0	—	0	—	1	22	3	39	2	64	0	—	0	—	0	8	36
60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

N= The number of cases the wind has been observed from the range of direction during the month.

TN= The total number of cases the wind has been observed for all directions during the month.

TABLE B 3.—NUMBER OF OCCURRENCES OF WIND DIRECTION WITHIN SPECIFIED RANGES AND THE MEAN SCALAR WIND SPEED AT THE STANDARD AND SELECTED PRESSURE SURFACES

MERSA MATRUH (A) — 1200 U.T. — JUNE 1962

pressure surface (millibar)	Wind between specified ranges of direction (000–360)°																								Number of calm winds	Total number of observations (TN)	Mean scalar wind speed (knots)
	345–014		015–044		045–074		075–104		105–134		135–164		165–194		195–224		225–254		255–284		285–314		315–344				
	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m			
Surface of station	8	14	2	16	0	—	1	18	0	—	0	—	0	—	1	16	0	—	0	—	2	18	16	15	0	30	15
1000	8	14	2	16	0	—	1	18	0	—	0	—	0	—	1	16	0	—	0	—	2	18	16	15	0	30	15
850	5	10	3	9	0	—	0	—	0	—	0	—	0	—	2	10	3	33	6	12	5	12	6	13	0	30	13
700	1	32	0	—	0	—	0	—	0	—	0	—	0	—	3	20	2	31	7	21	6	16	11	11	0	30	17
600	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	33	7	16	10	20	4	18	6	18	0	29	19
500	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	33	10	20	11	22	4	13	3	21	0	30	20
400	0	—	0	—	0	—	0	—	0	—	0	—	0	—	4	24	14	23	9	23	1	14	2	24	0	30	22
300	0	—	0	—	0	—	0	—	0	—	0	—	0	—	6	27	13	39	8	34	0	—	2	18	0	29	34
200	0	—	0	—	0	—	0	—	0	—	0	—	0	—	5	44	11	46	7	39	0	—	0	—	0	23	43
150	0	—	0	—	0	—	0	—	0	—	0	—	1	21	3	36	11	33	3	48	0	—	0	—	0	18	35
100	0	—	0	—	0	—	1	21	1	17	1	12	1	31	1	9	3	17	1	16	0	—	0	—	0	9	17
60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

N= The number of cases the wind has been observed from the range of direction during the month.

TN= The total number of cases the wind has been observed for all directions during the month.

TABLE B 3.—NUMBER OF OCCURRENCES OF WIND DIRECTION WITHIN SPECIFIED RANGES AND THE MEAN SCALAR WIND SPEED AT THE STANDARD AND SELECTED PRESSURE SURFACES

HELWAN — 0000 U.T. — JUNE 1962

pressure surface (millibar)	Wind between specified ranges of direction (000-360)°																								Number of calm winds	Total number of observations (TN)	Mean scalar wind speed (knots)
	345-014		015-044		045-074		075-104		105-134		135-164		165-194		195-224		225-254		255-284		285-314		315-344				
	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m			
Surface of station	6	12	8	12	2	10	2	8	1	5	0	—	0	—	0	—	0	—	0	—	2	9	6	10	2	29	10
1000	0	—	1	10	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	1	10
850	8	17	7	15	1	11	0	—	1	9	0	—	0	—	0	—	1	11	2	8	3	17	6	13	0	29	14
700	4	23	2	6	1	3	0	—	0	—	0	—	1	25	2	8	2	24	5	7	5	14	7	17	0	29	15
600	2	30	2	9	0	—	0	—	0	—	0	—	0	—	4	14	8	14	3	11	6	11	4	27	0	29	15
500	2	24	0	—	0	—	0	—	0	—	0	—	0	—	5	15	8	16	8	18	2	17	4	17	0	29	17
400	1	12	1	2	0	—	0	—	0	—	0	—	0	—	3	14	10	31	8	22	3	17	2	26	1	29	22
300	0	—	0	—	0	—	0	—	1	8	0	—	0	—	2	10	12	48	10	32	2	20	1	35	1	29	34
200	0	—	0	—	0	—	0	—	0	—	1	16	2	20	2	18	11	53	7	48	2	47	1	25	0	26	43
150	0	—	0	—	0	—	0	—	0	—	0	—	3	19	3	38	8	52	5	44	2	56	1	42	0	22	43
100	0	—	0	—	0	—	0	—	0	—	0	—	2	18	1	30	4	54	4	53	0	—	0	—	0	11	46
60	0	—	0	—	0	—	1	24	0	—	0	—	0	—	0	—	0	—	1	33	0	—	0	—	0	2	57
40	0	—	0	—	0	—	—	—	0	—	0	—	0	—	0	—	1	38	0	—	0	—	0	—	0	1	38
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

N = The number of cases the wind has been observed from the range of direction during the month.

TN = The total number of cases the wind has been observed for all directions during the month.

TABLE B 3.—NUMBER OF OCCURRENCES OF WIND DIRECTION WITHIN SPECIFIED RANGES AND THE MEAN SCALAR WIND SPEED AT THE STANDARD AND SELECTED PRESSURE SURFACES

HELWAN — 1200 U.T. — JUNE 1962

pressure surface (millibar)	Wind between specified ranges of direction (000-360)°																								Number of calm winds	Total number of observations (TN)	Mean scalar wind speed (knots)
	345-014		015-044		045-074		075-104		105-134		135-164		165-194		195-224		225-254		255-284		285-314		315-344				
	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m	N	(ff) m			
Surface of station	9	14	5	14	0	—	0	—	0	—	0	—	0	—	1	10	2	8	0	—	2	13	10	14	0	29	13
1000	1	20	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	1	20
850	6	15	12	13	2	7	0	—	0	—	1	7	0	—	1	11	3	9	1	11	0	—	3	10	0	29	12
700	3	35	1	15	1	5	0	—	0	—	0	—	1	3	2	9	5	13	8	10	3	10	5	20	0	29	15
600	2	40	1	16	0	—	0	—	0	—	0	—	0	—	2	13	9	12	9	13	4	15	2	18	0	29	15
500	1	36	0	—	0	—	0	—	0	—	0	—	0	—	5	13	8	18	7	14	6	19	2	12	0	29	17
400	0	—	0	—	1	3	0	—	0	—	0	—	2	4	2	25	10	32	8	26	6	20	0	—	0	29	24
300	0	—	0	—	0	—	0	—	0	—	1	16	2	16	2	16	11	44	8	41	4	30	0	—	0	28	35
200	0	—	0	—	0	—	0	—	0	—	1	18	2	16	2	34	14	49	6	47	2	48	0	—	0	27	44
150	0	—	0	—	0	—	0	—	0	—	1	17	2	20	7	35	9	45	6	42	0	—	0	—	0	25	38
100	0	—	0	—	0	—	0	—	0	—	4	22	0	—	1	35	2	26	4	28	1	44	0	—	0	12	28
60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

N= The number of cases the wind has been observed from the range of direction during the month.

TN = The total number of cases the wind has been observed for all directions during the month.

REVIEW OF AGRO-METEOROLOGICAL STATION AT GIZA

JUNE 1962

This month was slightly warmer than normal. The mean air temperature at 2 metres above ground was + 0.7 °C above normal and the mean relative humidity was nearly normal (+ 1%). The month was characterized by an excessive short heat wave reaching its peak on the 11th, when the absolute maximum air temperature (45.0 °C) and the absolute minimum relative humidity (6%) were recorded. Two other heat waves occurred with peaks on 6th & 21st. (maximum temperatures 39.6 & 41.1 °C respectively).

The extreme maximum soil temperatures in the dry field at depths 0.3 & 2 cms. were + 1.5 & + 0.5 °C higher than the corresponding values of last June ; at 1 cm. depth, the values were equal. At other depths, the values were less than those of last year ; the maximum departure was -3.5 °C at 5 cms depth. The extreme minimum soil temperatures at depths between 0.3 & 100 cms. inclusive, were lower than the corresponding values of last June ; the maximum deviation was -1.5°C at 20 cms. depth. At 200 & 300 cms. depths, the values were equal.

The mean daily wind speed at 2 metres above ground was slightly higher (+ 0.1m/sec.) than the corresponding value of last June. Mean daily Piche evaporation, water pan evaporation, potential evaporation and potentialevapotranspiration were + 0.8, + 0.03, - 0.8 & - 1.8 mms. respectively than the corresponding values of last June. The total duration of bright sunshine was 1.5 hours higher than the corresponding value of June 1961.

REVIEW OF AGRO-METEOROLOGICAL STATION AT TAHRIR

JUNE 1962

This month was characterized by three distinct heat waves with peaks on 6th., 11th & 21st ; the middle one was very intense, yielding the extreme maximum air temperature and free water evaporation, the lowest relative humidity and vapour pressure.

During this month, the departures of the mean values of different elements from the corresponding values of last June were (-1.0 °C) for mean air temperature, (+ 5%) for mean relative humidity, (+ 0.2 mm.) for mean vapour pressure, (+ 1.3 mm.) for mean Piche evaporation, (+ 2.9 hours) for total sunshine duration, and + 396 gm. cal/cm^2 for total (Solar + Sky) radiation.

Highest maximum soil temperatures were slightly higher down to 5 cms. depth, then slightly lower. Lowest minimum soil temperatures were consistently lower than those of last year.

TABLE C 1—AIR TEMPERATURES AT 2 METRES ABOVE GROUND; ABSOLUTE MINIMUM AIR TEMPERATURES AT 5 CMS ABOVE GROUND ON DIFFERENT FIELDS

GIZA — JUNE 1962

Date	Air temperature (°C)					Duration in hours to the nearest half hour of air temperature above the following values										
	Max.	Min.	Mean of the day	Night time mean	Day time mean	—5 °C	0 °C	5 °C	10 °C	15 °C	20 °C	25 °C	30 °C	35 °C	40 °C	45 °C
1	35.5	18.6	26.4	23.5	28.3	24.0	24.0	24.0	24.0	24.0	18.5	14.0	8.0	0.0	0.0	0.0
2	35.3	18.7	27.5	24.1	29.9	24.0	24.0	24.0	24.0	24.0	19.0	15.5	10.0	0.5	6.0	0.0
3	36.4	18.8	27.7	24.4	30.4	24.0	24.0	24.0	24.0	24.0	23.0	14.0	9.5	3.0	0.0	0.0
4	37.6	20.2	28.4	24.3	31.4	24.0	24.0	24.0	24.0	24.0	24.0	15.0	10.0	5.0	0.0	0.0
5	35.8	19.9	27.0	24.4	29.2	24.0	24.0	24.0	24.0	24.0	23.0	14.5	8.0	0.0	0.0	0.0
6	39.6	20.0	28.9	23.7	31.6	24.0	24.0	24.0	24.0	24.0	24.0	15.0	11.0	7.0	0.0	0.0
7	35.1	21.4	27.2	26.4	29.4	24.0	24.0	24.0	24.0	24.0	24.0	14.0	7.5	0.0	0.0	0.0
8	32.0	20.6	25.3	23.2	27.3	24.0	24.0	24.0	24.0	24.0	24.0	11.0	4.0	0.0	0.0	0.0
9	33.3	18.5	25.9	21.9	28.0	24.0	24.0	24.0	24.0	24.0	20.0	12.5	6.5	0.0	0.0	0.0
10	37.2	18.6	28.6	24.0	31.1	24.0	24.0	24.0	24.0	24.0	23.0	15.5	10.0	5.5	0.0	0.0
11	45.0	17.1	31.2	24.4	36.1	24.0	24.0	24.0	24.0	24.0	20.0	16.0	12.5	9.0	5.5	0.0
12	35.0	21.7	26.8	25.1	29.2	24.0	24.0	24.0	24.0	24.0	24.0	12.0	7.0	0.0	0.0	0.0
13	33.5	19.3	25.5	22.5	27.8	24.0	24.0	24.0	24.0	24.0	20.5	11.0	5.5	0.0	0.0	0.0
14	30.4	18.6	24.1	21.8	26.0	24.0	24.0	24.0	24.0	24.0	19.0	9.5	0.0	0.0	0.0	0.0
15	32.7	18.7	25.1	21.4	27.1	24.0	24.0	24.0	24.0	24.0	18.0	11.5	5.0	0.0	0.0	0.0
16	33.5	17.8	25.5	22.3	27.6	24.0	24.0	24.0	24.0	24.0	19.0	12.5	6.5	0.0	0.0	0.0
17	34.1	19.0	25.8	22.7	28.1	24.0	24.0	24.0	24.0	24.0	19.0	13.0	6.5	0.0	0.0	0.0
18	33.5	18.4	25.9	23.0	27.9	24.0	24.0	24.0	24.0	24.0	19.5	13.0	7.0	0.0	0.0	0.0
19	33.1	18.5	25.8	23.1	27.7	24.0	24.0	24.0	24.0	24.0	20.0	13.5	7.0	0.0	0.0	0.0
20	35.4	18.0	26.9	23.3	27.8	24.0	24.0	24.0	24.0	24.0	19.5	14.0	8.5	0.0	0.0	0.0
21	41.1	19.6	31.6	25.4	34.5	24.0	24.0	24.0	24.0	24.0	23.0	17.5	14.0	8.0	2.0	0.0
22	39.0	22.4	29.9	27.9	33.0	24.0	24.0	24.0	24.0	24.0	24.0	16.5	10.5	6.0	0.0	0.0
23	34.0	22.3	27.2	25.3	28.9	24.0	24.0	24.0	24.0	24.0	24.0	13.5	7.5	0.0	0.0	0.0
24	33.7	21.4	26.7	24.1	28.8	24.0	24.0	24.0	24.0	24.0	24.0	13.0	7.0	0.0	0.0	0.0
25	34.6	21.2	26.8	23.8	28.8	24.0	24.0	24.0	24.0	24.0	24.0	13.5	7.5	0.0	0.0	0.0
26	34.9	20.0	27.0	23.8	28.7	24.0	24.0	24.0	24.0	24.0	24.0	14.5	8.0	0.0	0.0	0.0
27	35.8	20.8	27.6	25.1	29.7	24.0	24.0	24.0	24.0	24.0	24.0	13.5	8.5	0.0	0.0	0.0
28	34.4	20.5	27.2	23.9	29.3	24.0	24.0	24.0	24.0	24.0	24.0	16.0	8.0	0.0	0.0	0.0
29	34.9	19.4	26.8	24.1	29.0	24.0	24.0	24.0	24.0	24.0	23.5	14.0	8.0	0.0	0.0	0.0
30	34.3	21.4	26.9	24.1	29.0	24.0	24.0	24.0	24.0	24.0	24.0	13.5	7.5	0.0	0.0	0.0
31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	720.0	720.0	720.0	720.0	720.0	659.5	412.0	236.5	44.0	7.5	0.0
Mean	35.4	19.7	27.1	23.9	29.4	24.0	24.0	24.0	24.0	24.0	22.0	13.8	7.9	1.5	0.2	—

Highest Maximum at 2 Metres 45.0°C on 11th — Highest Minimum at 2 Metres 22.4°C on 22nd

Lowest Maximum at 2 Metres 30.4°C on 14th — Lowest Minimum at 2 Metres 17.1°C on 11th

Absolute Minimum Temperature at 5 cms. Above Dry Soil 13.6 °C on 11th

" " " " " Wet Soil 14.4 °C on 11th

" " " " " Grass 11.8 °C on 11th

TABLE C 1—AIR TEMPERATURES AT 2 METRES ABOVE GROUND; ABSOLUTE MINIMUM AIR TEMPERATURES AT 5 CMS ABOVE GROUND ON DIFFERENT FIELDS

TAHRIR — JUNE 1962

Date	Air temperature (°C)					Duration in hours to the nearest half hour of air temperature above the following values										
	Max.	Min.	Mean of the day	Night time mean	Day time mean	—5 °C	0 °C	5 °C	10 °C	15 °C	20 °C	25 °C	30 °C	35 °C	40 °C	45 °C
1	36.5	18.1	26 6	21.5	29.8	24.0	24.0	24.0	24.0	24.0	18.5	13.0	8.5	3.5	0.0	0.0
2	36.2	18.1	26.6	22.4	29.6	24.0	24.0	24.0	24.0	24.0	20.0	12.5	8.5	2.5	0.0	0.0
3	37.3	18.7	27.4	22.5	30.9	24.0	24.0	24.0	24.0	24.0	20.0	13.0	9.5	5.0	0.0	0.0
4	38.3	18.2	27.7	22.3	31.5	24 0	24.0	24.0	24.0	24.0	20.5	13.5	10.0	5.5	0.0	0.0
5	34.8	19.4	26.4	22.6	29.4	24.0	24.0	24.0	24.0	24.0	20.5	12.5	8.0	0.0	0.0	0.0
6	41.8	18.2	28.1	21.9	31.6	24.0	24.0	24.0	24.0	24.0	18.5	14 0	9.5	6.0	2.5	0.0
7	32.9	20.1	25.7	24.3	28.1	24.0	24.0	24.0	24.0	24.0	24.0	11.5	6.0	0.0	0.0	0.0
8	30.2	17.4	23.7	20.7	26.2	24.0	24.0	24.0	24.0	24.0	16.5	10.0	0.0	0.0	0.0	0.0
9	33.0	16.1	24.5	19.6	27.5	24.0	24.0	24.0	24.0	24.0	17.5	11.0	6.0	0.0	0.0	0.0
10	36.0	17.2	26.2	20.9	29.6	24.0	24.0	24.0	24.0	24.0	17.5	12.5	8.0	3.0	0.0	0.0
11	45.4	19.1	29.8	22.4	35.0	24.0	24.0	24.0	24.0	24.0	22.0	13.5	10.5	8.5	4.0	0.0
12	32.0	20.4	25.2	23.0	27.6	24.0	24.0	24.0	24.0	24.0	24.0	11.0	4.5	0.0	0.0	0.0
13	30.9	18.1	23.9	20.6	26.4	24.0	24.0	24.0	24.0	24.0	17.5	10.5	0.0	0.0	0.0	0.0
14	29.8	17.8	23.2	20.5	25.2	24.0	24.0	24.0	24.0	24.0	17.0	8.5	0.0	0.0	0.0	0.0
15	32.4	17.0	24.3	20.1	27.0	24.0	24.0	24.0	24.0	24.0	17.5	11.0	5.0	0.0	0.0	0.0
16	32.9	16.9	24.6	20.6	27.3	24.0	24.0	24.0	24.0	24.0	17.0	11.0	6.0	0.0	0.0	0.0
17	33.6	18.6	25.1	21.4	27.7	24.0	24.0	24.0	24.0	24.0	18.5	11.0	6.0	0.0	0.0	0.0
18	32.4	17.0	24.7	20.9	27.4	24.0	24.0	24.0	24.0	24.0	18.0	11.0	6.5	0.0	0.0	0.0
19	33.6	17.7	24.7	21.1	27.4	24.0	24.0	24.0	24.0	24.0	17.5	11.0	5.5	0.0	0.0	0.0
20	35.2	17.1	26.5	20.7	29.4	24.0	24.0	24.0	24.0	24.0	17.5	16.0	9.0	0.0	0.0	0.0
21	40.0	20.3	29.7	25.0	33.0	24.0	24.0	24.0	24.0	24.0	24.0	16.0	11.0	7.0	0.0	0.0
22	38.1	19.6	27.8	24.6	30.7	24.0	24.0	24.0	24.0	24.0	23.5	14.5	8.0	4.0	0.0	0.0
23	33.6	20.5	26.4	23.4	28.8	24.0	24.0	24.0	24.0	24.0	24.0	12.5	7.0	0.0	0.0	0.0
24	33.8	19.6	26.2	22.7	28.8	24.0	24.0	24.0	24.0	24.0	23.0	12.5	7.5	0.0	0.0	0.0
25	34.4	20.1	26.5	22.9	29.0	24.0	24.0	24.0	24.0	24.0	24.0	13.0	7.5	0.0	0.0	0.0
26	35.9	18.4	26.1	22.5	28.5	24.0	24.0	24.0	24.0	24.0	21.0	12.5	7.5	0.0	0.0	0.0
27	34.9	19.4	26.7	22.8	29.4	24.0	24.0	24.0	24.0	24.0	22.0	13.0	8.5	0.0	0.0	0.0
28	34.8	19.2	26.9	22.7	29.6	24.0	24.0	24.0	24.0	24.0	21.5	14.5	8.5	0.0	0.0	0.0
29	35.2	21.9	27.5	24.2	29.9	24.0	24.0	24.0	24.0	24.0	24.0	14.0	8.0	0.0	0.0	0.0
30	34.4	20.4	26.8	23.6	29.1	24.0	24.0	24.0	24.0	24.0	24.0	13.5	7.5	0.0	0.0	0.0
31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.0
Total	—	—	—	—	—	720.0	720.0	720.0	720.0	720 0	611	374	208	45	6.5	0.0
Mean	35.0	18.7	26.2	22.1	29.0	24.0	24.0	24.0	24.0	24.0	20.4	12.5	6.9	1.5	0.2	0.0

Highest Maximum at 2 Metres 45.4°C on 11th — Highest Minimum at 2 Metres 21.9°C on 29th

Lowest Maximum at 2 Metres 29.8°C on 14th — Lowest Minimum at 2 Metres 16.1°C on 9th

Absolute Minimum Temperature at 5 cms. Above Dry Soil 14.0 °C on 9th

" " " " " Wet Soil — —

" " " " " Grass — —

TABLE C 2—WIND SPEED, (SOLAR + SKY) RADIATION, DURATION OF BRIGHT SUNSHINE, RELATIVE HUMIDITY AND VAPOUR PRESSURE AT 2 METRES ABOVE GROUND, EVAPORATION AND RAINFALL

GIZA — JUNE 1962

Date	Wind speed metres per second			Solar + sky radiation gm. cal./cm²	Duration of bright sunshine in hours			Relative humidity hours of duration		Relative humidity %		Vapour pressure in millimeters		Evaporation in millimeters		Amount of rainfall in millimeters
	Mean of the day	Nigh time mean	Day time mean		Total actual	Total possible	Percentage %	90% ∧	80% ∧	Mean of the day	at 1200 U.T.	Mean of the day	at 1200 U.T.	Piche	Pan class (A)	
1	2.8	2.3	3.5	587	9.5	13.9	68	2	7	60	24	12.2	9.9	23.0	13.01	0.0
2	2.6	2.4	2.9	650	12.2	14.0	87	0	0	45	23	11.4	9.3	20.5	13.24	0.0
3	2.8	1.8	3.7	665	12.7	14.0	91	0	0	51	23	12.2	10.2	23.4	12.81	0.0
4	2.1	1.4	2.9	630	12.5	14.0	89	0	0	40	20	10.2	9.2	21.8	13.81	0.0
5	2.5	2.1	3.2	638	11.2	14.0	80	2	8	56	28	13.5	11.8	19.0	12.34	0.0
6	2.1	1.9	2.5	633	12.2	14.0	87	1	7	63	21	14.3	10.6	20.7	13.76	0.0
7	3.2	2.4	4.4	629	11.4	14.0	81	1	5	60	37	14.9	14.9	23.4	13.93	0.0
8	4.4	3.9	5.1	629	12.1	14.0	86	0	0	50	35	11.5	11.9	25.0	14.70	0.0
9	3.6	3.3	4.0	628	12.0	14.0	86	0	0	48	24	10.6	8.8	23.6	14.08	0.0
10	3.1	2.7	3.7	630	12.2	14.0	87	0	2	44	15	10.1	6.7	27.6	15.48	0.0
11	2.1	1.7	2.7	639	12.2	14.0	87	0	0	33	7	8.9	4.5	27.4	15.40	0.0
12	4.1	3.2	5.5	619	11.6	14.0	83	0	7	65	39	15.3	15.2	21.5	14.32	0.0
13	4.8	4.2	5.5	608	10.0	14.0	71	0	7	60	36	13.6	13.2	21.6	13.21	0.0
14	3.8	3.5	4.3	661	12.3	14.1	87	0	5	57	37	12.0	11.1	16.9	11.55	0.0
15	3.3	2.7	4.2	655	12.2	14.1	87	0	8	56	31	12.1	10.3	19.9	11.77	0.0
16	2.9	2.5	3.5	655	12.6	14.1	89	0	5	55	28	11.9	9.9	20.0	13.87	0.0
17	2.6	2.4	2.9	654	11.7	14.1	83	0	7	60	28	12.7	10.5	19.1	12.42	0.0
18	2.6	2.6	2.7	659	12.6	14.1	89	0	3	57	25	12.1	8.7	18.3	11.92	0.0
19	2.4	2.3	2.5	654	12.7	14.1	90	1	6	64	29	13.3	10.4	17.7	11.63	0.0
20	2.0	1.6	2.5	628	12.4	14.1	88	0	4	46	27	11.4	10.2	20.5	11.76	0.0
21	1.3	0.7	2.2	602	12.0	14.1	85	0	0	24	17	9.0	9.1	23.4	12.34	0.0
22	1.7	0.7	3.2	638	12.3	14.1	87	0	1	54	18	14.0	9.3	21.1	13.69	0.0
23	3.1	3.2	3.0	605	10.9	14.1	77	0	8	62	38	15.3	14.4	16.2	11.11	0.0
24	2.7	2.2	3.4	644	11.5	14.1	82	0	8	60	33	13.8	12.2	17.8	11.82	0.0
25	2.7	2.1	3.4	628	11.0	14.1	78	0	7	60	36	14.7	13.7	17.1	11.91	0.0
26	2.2	1.8	3.7	629	10.5	14.1	74	4	9	70	28	15.0	10.7	15.8	10.61	0.0
27	2.5	2.1	3.1	641	12.1	14.1	86	5	6	57	29	13.5	11.7	19.8	13.29	0.0
28	2.5	1.9	3.4	660	12.8	14.1	91	0	5	60	32	14.4	12.0	18.1	11.69	0.0
29	2.5	1.8	3.4	639	11.5	14.1	92	0	4	64	35	15.1	13.1	16.7	12.04	0.0
30	2.4	1.2	3.4	646	11.7	14.0	76	0	5	61	38	15.2	14.4	15.0	11.05	0.0
31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.0
Total	—	—	—	**19106**	**354.6**	**421.9**	**2523**	**16**	**134**	—	—	—	—	**611.9**	**384.56**	0.0
Mean	2.8	2.3	3.4	**637**	11.5	14.1	82	0.5	4.5	55	28	12.8	10.9	20.4	12.82	—

Maximum Amount of Rainfall in one day . . . . . 0.0 mms. on —

Lowest Value of Relative Humidity . . . . . 6 % on 11th

Highest Value of Vapour Pressure . . . . . 18.5 mms. on 26th

Lowest Value of Vapour pressure . . . . . 4.1 mms. on 11th

TABLE C 2—WIND SPEED, (SOLAR + SKY) RADIATION, DURATION OF BRIGHT SUNSHINE, RELATIVE HUMIDITY AND VAPOUR PRESSURE AT 2 METRES ABOVE GROUND, EVAPORATION AND RAINFALL

TAHRIR — JUNE 1962

Date	Wind speed metres per second			Solar + sky radiation gm. cal./cm²	Duration of bright sunshine in hours			Relative humidity hours of duration		Relative humidity %		Vapour pressure in millimeters		Evaporation in millimeters		Amount of rainfall in millimeters
	Mean of the day	Night time mean	Day time mean		Total actual	Total possible	Percentage %	90% ^	80% ^	Mean of the day	at 1200 U.T.	Mean of the day	at 1200 U.T.	Piche	Pan class (A)	
1	3.9	3.3	4.7	612	11.1	14.0	79	4	7	62	23	13.0	9.9	23.0	16.89	0.0
2	3.1	2.6	3.8	639	13.0	14.0	93	0	5	65	23	13.4	9.9	20.3	14.38	0.0
3	4.2	3.4	5.4	640	13.1	14.0	94	0	6	56	18	12.3	8.3	25.5	18.00	0.0
4	4.0	3.3	4.9	634	12.8	14.0	91	0	0	42	18	10.5	8.6	24.7	17.50	0.0
5	4.7	4.0	5.8	651	12.5	14.0	89	5	10	66	30	14.8	11.9	20.4	14.50	0.0
6	3.2	3.2	3.0	595	10.0	14.0	71	6	9	68	12	12.5	6.7	19.5	13.64	0.0
7	4.2	3.4	5.4	631	12.3	14.0	88	3	7	64	38	14.6	14.0	18.3	13.01	0.0
8	4.4	3.0	6.4	629	12.6	14.0	90	0	0	50	35	10.8	10.9	21.6	15.17	0.0
9	3.5	2.6	4.7	626	12.4	14.1	88	0	0	55	28	11.8	10.3	20.0	14.20	0.0
10	3.6	2.8	4.7	625	12.2	14.1	87	4	6	54	26	12.6	11.1	24.2	16.04	0.0
11	4.3	3.5	5.7	628	12.4	14.1	88	0	2	49	7	10.6	4.7	30.3	20.72	0.0
12	5.4	4.3	7.0	620	11.8	14.1	84	1	8	66	43	15.0	14.9	17.5	12.84	0.0
13	4.7	3.5	6.5	582	11.7	14.1	83	1	2	62	46	14.0	14.1	16.3	12.52	0.0
14	4.2	3.5	5.4	669	13.1	14.1	93	0	3	64	41	13.1	12.1	14.9	11.81	0.0
15	4.1	3.6	4.9	659	12.7	14.1	90	2	9	64	28	12.8	9.8	17.9	14.19	0.0
16	3.7	3.2	4.4	644	12.5	14.1	89	4	9	68	29	13.6	10.1	15.7	11.85	0.0
17	—	3.0	—	634	11.7	14.1	83	3	7	64	28	13.1	10.3	18.1	13.49	0.0
18	—	—	—	660	12.7	14.1	90	2	4	68	28	13.4	9.9	17.4	13.00	0.0
19	—	—	—	671	12.9	14.1	91	2	7	58	25	11.7	8.9	16.5	12.95	0.0
20	—	—	—	622	12.8	14.1	91	0	1	54	20	12.2	7.9	19.5	12.73	0.0
21	—	—	—	594	12.4	14.1	88	0	0	41	22	12.0	11.5	30.5	18.64	0.0
22	—	—	—	639	12.7	14.1	90	0	0	60	16	12.9	7.5	19.0	14.78	0.0
23	4.5	4.4	4.6	648	12.5	14.1	89	2	5	73	40	16.9	15.3	16.9	12.82	0.0
24	4.1	3.4	5.0	649	12.8	14.1	91	0	4	69	35	15.5	12.7	18.2	13.82	0.0
25	4.3	3.6	5.1	645	13.0	14.1	92	0	4	66	33	15.3	12.6	17.7	13.40	0.0
26	3.2	2.9	3.6	623	10.6	14.1	75	6	8	78	29	15.9	11.5	14.8	11.18	0.0
27	4.2	3.6	5.0	651	12.3	14.1	87	3	5	63	33	14.9	13.4	21.1	15.36	0.0
28	4.2	3.5	5.2	641	12.8	14.1	91	3	5	63	35	15.4	13.4	21.5	15.07	0.0
29	4.4	3.6	5.6	635	12.1	14.1	86	2	6	66	33	15.8	13.6	18.6	14.57	0.0
30	3.8	2.9	5.0	594	10.2	14.1	72	4	8	76	34	17.0	13.8	16.1	12.57	0.0
31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	18990	367.7	422.2		57	147	—	—	—	—	595.4	431.64	0.0
Mean	(4.1)	(3.4)	(5.1)	633.0	12.3	14.1	87	1.9	4.9	62	29	13.6	11.0	19.8	14.39	—

Maximum Amount of Rainfall In One Day . . . . . 0 mms. on —
Lowest Value of Relative Humidity . . . . . 7 % on 11th
Highest Value of Vapour Pressure . . . . . 20.5 mms. on 22nd
Lowest Value of Vapour Pressure . . . . . 4.7 mms. on 11th

TABLE C 3—EXTREME SOIL TEMPERATURES AT DIFFERENT DEPTHS IN DIFFERENT FIELDS

GIZA — JUNE 1962

Depth in cms.	Dry Soil		Wet Soil		Grass	
	Highest °C	Lowest °C	Highest °C	Lowest °C	Highest °C	Lowest °C
0.3	73.5	20.0	40.0	17.8	38.5	19.3
1	65.0	21.1	36.0	17.8	32.3	19.2
2	60.3	21.9	34.3	18.2	31.4	19.3
5	46.4	24.4	33.5	18.2	30.5	20.7
10	38.4	27.8	32.1	19.6	28.9	22.2
20	33.6	29.3	31.7	21.0	27.4	23.7
50	31.9	29.1	25.6	23.2	25.5	23.2
100	29.4	26.9	23.6	21.7	23.6	21.7
200	26.3	24.5	21.4	20.0	22.2	20.9
300	24.5	23.7	—	—	—	—

TABLE C 3—EXTREME SOIL TEMPERATURES AT DIFFERENT DEPTHS IN DIFFERENT FIELDS

TAHRIR — JUNE 1962

Depth in cms.	Dry Soil		Wet Soil		Grass	
	Highest °C	Lowest °C	Highest °C	Lowest °C	Highest °C	Lowest °C
0.3	61.0	18.4	—	—	—	—
1	59.0	18.6	—	—	—	—
2	56.0	19.0	—	—	—	—
5	50.3	21.0	—	—	—	—
10	42.7	24.1	—	—	—	—
20	35.7	27.7	—	—	—	—
50	31.2	28.3	—	—	—	—
100	29.2	26.6	—	—	—	—
200	26.7	24.5	—	—	—	—
300	25.4	23.4	—	—	—	—
600	24.3	23.7	—	—	—	—

TABLE C 4—NUMBER OF DAYS OF SURFACE WIND SPEED AT 10 METRES REACHING SPECIFIED LIMITS OF VELOCITY FOR AT LEAST 5 MINUTES

GIZA—JUNE 1962

10	knots	or	above	29	Days	30	knots	or	above	0	Days
15	,,	,,	,,	11	,,	35	,,	,,	,,	0	,,
20	,,	,,	,,	2	,,	40	,,	,,	,,	0	,,
25	,,	,,	,,	0	,,	The highest gust 28 knots on 12 th.					

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