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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".

THE DAILY WEATHER REPORT

This report is issued daily by the Meteorological Department since the year 1901. It includes surface and upper air observations carried out by the relevant networks of the Republic at the principal hours of observations.

As from January 1968 this report was revised to include a condensed representative selection of surface and upper air observations besides the 1200 U.T. surface & 500 mb charts.

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 Institute 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

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METEOROLOGICAL DEPARTMENT
CAIRO

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GENERAL SUMMARY OF WEATHER CONDITIONS

JULY 1962

Mild summer in general over the northern coast, alternatively hot and mild summer over Delta, Canal, Cairo and Middle Egypt, and excessively hot summer over Upper Egypt.

THE MAIN FEATURES

— Small variability in maximum temperature over the northern coast. Excessively high maximum temperature (≧ 40°C) over Upper Egypt most of the month.

— High relative humidity in the northern parts particularly during the 2nd decade, low relative humidity in the southern parts.

— Four consecutive deepening regimes of the monsoon low pressure system over Iraq and Arabian Gulf.

— Frequent early morning low stratus and mist patches over the Delta, Canal & Cairo areas.

GENERAL DESCRIPTION OF WEATHER

During this month, the prevailing weather was generally mild over the Mediterranean coastal district where variability in maximum temperature was small and maximum temperatures ranged between 28°C & 31°C. over the Delta, Canal, Cairo & Middle Egypt districts, the prevailing weather was altrnatively hot and mild. Prevailing heat waves were of rather short durations and of moderate intensities in general excluding an excessive heat wave round the 15th which yielded maximum temperatures of the order of 38°C in the Canal district and 42°C in the Middle Egypt district. Intervening mild spells were of relatively long durations.

Over the Upper Egypt district excessively hot weather was experienced and maximum temperatures ranged between 40°C and 45°C. It is worth to note the frequent development of low stratus and mist patches in the early morning over the Delta, Canal & Cairo areas most days of this month.

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 . . .	1008.9	— 0.1	30.3	+ 0.3	21.8	— 0.3	26.0	0.0	71	— 2	0.0	0.0
Lower Egypt . . .	1008.4	+ 0.1	34.2	0.0	20.1	+ 0.2	27.2	+ 0.1	61	— 5	0.0	0.0
Cairo Area	1007.9	— 0.1	35·6	0.0	21.4	0.0	28.5	0.0	51	— 4	0.0	0.0
Upper Egypt . . .	1006.5	+ 0.2	37.9	— 0.3	21.9	+ 0.1	29.9	— 0.1	34	— 4	0.0	0.0
Western Desert . .	1007.8	— 0.5	38.6	+ 0.9	20.8	— 1.1	29.7	— 0.1	27	— 8	0.0	0.0
Red Sea	1004.9	— 0.2	33.7	+ 0.2	25.1	— 0.1	29.4	+ 0.1	50	— 5	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

During this month, the pressure distribution over the surface map was generally of the normal summer type and both monsoon low and high pressure systems were more or less stationary.

The monsoon low pressure system occupying Iraq, Arabia and Sudan, the dominant synoptic feature of the Near East and Middle East Regions this month deepened four times round the 3rd, 8th, 13th & 28th. During the 1st deepening process, the west arm of the complex monsoon showed a marked extension in the northwest direction through Asia Minor and Black Sea, while during the rest three, its elongation was directed towards East Mediterranean. The consequent fall in the barometric pressure over the U.A.R. during these deepening regimes ranged beween 5 & 8 mbs.

The subtropical high pressure belt stretching north eastwards through North Africa, Mediterranean and south Urasia was the second dominant synoptic feature of the surface map this month. By the approach of the travelling Atlantic low prssure systems it was tilted eastwards from its northern parts round periods (8th-10th), (13th-14th), (20th-21st) & (25th-26th) but rapidly retained backwards by their transits through the northern part of west Europe.

At both 700 & 500 mb. levels, the dominating features of the pressure patterns were more simplified and confined to the high pressure belt between latitudes 10°N and 35°N ; the upper low pressure systems north latitude 55°N and the extended southward upper troughs up to 35°N latitude.

SURFACE WIND

During the month, the prevailing winds were generally light/moderate N/NE ly during periods (3rd-12th), (25th-26th) & (28th-31st); N/NW ly otherwise. Fresh winds blew for few days over scattered localities in the Mediterranean and Red Sea coastal areas.

TEMPERATURE

Maximum temperature oscillated slightly above its normal over the Mediterranean district and its values ranged between 23°C & 31°C. Over the mid inland districts, its variability during this month was pronounced and its values ranged between 33°C & 36°C during cold spells, and between 37°C & 42°C during the prevailing heat waves, of which an excessive one prevailed round the period (15th-16th). Over the far inland districts, maximum temperature values ranged between 40°C&45°C and excessive values occurred between the 16th & 18th.

The absolute maximum temperature for the Republic was 46.0°C reported at Kharga on the 16th.

Minimum temperature oscillated slightly round its normal over the Mediterranean and mid inland districts where its values ranged generally between 18°C &23°C. Over the far inland districts, minimum temperature was subnormal and its values ranged between 22°C & 27°C.

The absolute minimum temperature for the Republic was 15.9°C reported at Sidi Barrani on the 6th.

MISCELLANEOUS WEATHER PHENOMENA

Mist patches developed at : Mersa Matruh on the 16th,18th & 19th; Ras El Hikma on the 13th; Alexandria on the 3rd; Port Said 8th, 9th & (12th-15th); El Arish on the 8th, 12th & 29th; Mansoura on the 12th & 29th; Tahrir on the 3rd, 5th, (9th-11th), 13th, 14th, 17th, 20th, 24th, 29th & 30th; Abu Sueir on the (1st-3rd), 8th, 9th, (11th-13th), 17th, 18th, 20th, (23rd-25th), 28th & 29th ; Zaher on the 14th, 24th & 29th; Inshas on the 14th, (19th-22nd), 26th & 29th ; Cairo on the 1st, 3rd, (5th-10th), (12th-14th), 17th, 19th, (21st-23rd), 25th, 26th, 28th & 29th ; Mostafa Helmi on the 2nd, 3rd, 8th, 12th, 16th, 17th, 19th, 20th, 24th, 28th & 29th ; Almaza on the (1st-3rd), (6th-14th), 17th, 20th, (24th-26th), 28th & 29th ; Abbasiya on the (1st-3rd), 14th,16th & 17th; Imbaba on the 2nd and at Quseir on the (9th-11th).

Fog patches developed at : Ras El Hikma on the 16th; Alexandria on the 12th; Mansoura on the 11th;Tahrir on the 1st, 15th & 18th; Abu Sueir on the 14th & 16th; Zaher on the 2nd; Inshas on the 16th, 24th & 28th; Cairo on the 2nd, 16th & 20th ; Mostafa Helmi on the 1st &14th ; Almaza on the 16th and at Quseir on the 15th.

Local rising sand or dust was reported at : Abu Sueir on the 20th; Fayed on the 31st ; Mostafa Helmi on the 4th ; Minya on the 6th ; Aswan on the 8th, 12th & 27th ; Siwa on the 3rd & 22nd ; Dakhla on the 7th ; Abu Redes on the 2nd, 6th & 7th ; Tor on the 21st. and at Quseir on the 2nd, 3rd, 2th 6th.

Cairo, June 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

JULY 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	1009.4	— 0.2	1009.7	— 0.2	1009.7	+ 0.1	1009.7	— 0.0	5.2	1009.9	— 0.2	1010.2	— 0.2	1010.2	+ 0.1	1010.2	0.0
	Sidi Barrani	23.3	1006.5	— 0.4	1006.9	— 0.4	1006.9	— 0.4	1006.7	— 1.4	23.3	1009.1	— 0.4	1009.5	— 0.4	1009.5	— 0.4	1010.3	— 0.4
	Mersa Matruh (A)	30.0	1006.0	+ 0.2	1006.4	+ 0.2	1006.4	+ 0.3	1006.4	+ 0.4	30.0	1009.7	+ 0.2	1010.1	+ 0.2	1010.1	+ 0.3	1010.1	+ 0.4
	Ras El Hikma	45.8	1003.2	—	1004.1	—	1003.9	—	1003.3	—	45.8	1008.6	—	1009.5	—	1009.3	—	1008.7	—
	Dabaa	18.0	1006.1	—	1006.8	—	1006.7	—	1006.7	—	17.8	1008.1	—	1008.8	—	1008.7	—	1008.7	—
	Dekheila (A)	6.0	1008.2	—	1008.4	—	1008.6	—	1008.3	—	5.9	1008.8	—	1009.0	—	1009.2	—	1008.9	—
	Ras El Teen	8.4	1007.6	—	1008.2	—	1008.2	—	1008.0	—	8.4	1008.9	—	1009.5	—	1009.5	—	1009.3	—
	Alexandria (A)	7.0	1007.4	+ 0.3	1008.0	+ 0.5	1008.0	+ 0.5	1007.8	+ 0.4	6.8	1008.2	+ 0.3	1008.8	+ 0.5	1008.8	+ 0.6	1008.6	+ 0.4
	Balteam	2.2	1007.6	—	1008.1	—	1007.9	—	1007.9	—	2.2	1007.8	—	1008.3	—	1008.1	—	1008.1	—
	Damietta	3.8	1007.7	—	1008.4	—	1007.7	—	1007.8	—	3.8	1008.1	—	1008.8	—	1008.1	—	1008.2	—
	Port Said (A)	6.1	1006.8	+ 0.6	1007.5	+0.5	1006.9	+ 0.5	1006.9	+ 0.5	6.1	1007.5	+ 0.6	1008.2	+ 0.5	1007.6	+ 0.5	1007.6	+ 0.5
	El Arish	17.1	1005.7	+ 0.5	1006.5	— 0.6	1005.8	— 0.6	1006.0	— 0.4	17.1	1007.6	+ 0.5	1008.4	— 0.6	1007.7	— 0.6	1007.9	— 0.4
	Ghazza	15.7	1005.7	—	1006.4	—	1005.8	—	1005.9	—	15.7	1007.5	—	1008.2	—	1007.6	—	1007.7	—
Lower Egypt	Mansoura	4.0	1007.2	—	1008.2	0.0	1007.2	+ 0.2	1007.3	— 0.1	35.6	1007.6	—	1008.6	0.0	1007.6	+ 0.2	1007.6	— 0.1
	Damanhour	6.7	1008.3	—	1008.3	— 0.1	1008.1	+ 0.5	1008.1	+ 0.2	6.7	1009.0	—	1008.9	+ 0.1	1008.8	+ 0.5	1008.8	+ 0.2
	Gimmeiza	8.9	1007.6	—	1007.9	0.0	1007.1	+ 0.1	1007.2	— 0.1	8.9	1008.7	—	1008.9	0.0	1008.1	+ 0.1	1008.2	— 0.1
	Tanta	14.8	1006.5	—	1006.9	— 0.7	1005.8	— 0.6	1006.5	— 0.5	15.4	1007.7	—	1008.1	— 0.7	1007.0	— 0.6	1007.7	— 0.5
	Tahrir	16.0	1006.1	—	1006.5	—	1005.2	—	1005.9	—	18.6	1008.3	—	1008.7	—	1007.3	—	1008.0	—
	Shebin El Kom	13.1	1006.8	—	1007.3	+ 0.1	1006.0	0.0	1006.6	0.0	13.8	1008.3	—	1008.8	+ 0.1	1007.5	0.0	1008.1	0.0
	Zagazig	13.0	1007.0	—	1007.5	— 0.1	1006.1	— 0.3	1007.0	— 0.1	13.0	1008.6	—	1009.1	— 0.1	1007.7	— 0.3	1008.6	— 0.1
	Abu Sueir (A)	16.0	1006.5	—	1007.2	—	1005.6	—	1006.5	—	16.0	1008.4	—	1009.0	—	1007.3	—	1008.3	—
	Zaher (A)	14.9	1006.5	—	1006.5	—	1005.2	—	1005.9	—	14.9	1008.3	—	1008.3	—	1006.9	—	1007.6	—
	Banha	30.0	1003.7	—	1004.2	—	1003.1	—	1003.1	—	30.4	1007.1	—	1007.7	—	1006.5	—	1006.5	—
	Wadi El Natrun	0.9	1008.7	—	1009.3	+ 0.7	1007.9	+ 1.0	1008.7	+ 0.8	0.9	1008.8	—	1009.4	+ 0.7	1008.0	+ 1.0	1008.8	+ 0.8
	Inshas (A)	25.5	1003.9	—	1004.6	—	1003.4	—	1003.7	—	25.6	1006.9	—	1007.6	—	1006.3	—	1006.7	—
	Fayed (A)	22.5	1006.0	—	1006.7	—	1004.8	—	1005.8	—	22.5	1008.4	—	1009.1	—	1007.1	—	1008.2	—
	Kabrit (A)	7.6	1006.6	—	1007.5	—	1005.7	—	1006.0	—	7.6	1007.9	—	1008.8	—	1007.0	—	1007.3	—

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

JULY 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	1000.6	— 0.4	1001.3	0.0	999.8	— 0.1	1000.2	+ 0.3	74.0	1008.0	— 0.5	1008.8	+ 0.1	1007.1	— 0.1	1007.6	+ 0.3
	Mostafa Helmi (A)	164.0	989.7	—	990.6	—	989.4	—	989.3	—	164.0	1008.5	—	1009.2	—	1007.6	—	1007.8	—
	Almaza (A)	78.5	998.8	— 0.3	999.4	— 0.2	998.1	— 0.1	998.4	— 0.1	78.6	1007.8	— 0.3	1008.4	— 0.2	1006.9	— 0.1	1007.3	— 0.1
	Abbasiya (H.Q.)	26.4	1005.8	—	1006.5	—	1005.0	—	1005.2	—	26.4	1008.9	—	1009.5	—	1008.0	—	1008.2	—
	Imbaba (A)	19.0	1005.7	—	1006.6	—	1005.1	—	1005.0	—	19.0	1007.8	—	1008.7	—	1007.2	—	1007.1	—
	Giza	22.5	1005.5	—	1006.0	— 0.3	1004.6	— 0.1	1004.8	— 0.3	22.5	1008 3	—	1008.8	— 0.2	1007.3	— 0.1	1007.5	— 0.3
	Helwan	140.7	991.8	—	992.4	0.0	991.2	+ 0.9	991.3	+ 0.1	140.7	1008.4	—	1008.9	+ 0.1	1007.0	+ 0.9	1007.5	+ 0.3
Upper Egypt	Fayoum	23.3	1005.1	—	1005.9	+ 0.4	1004.2	+ 0.4	1004.2	+ 0.6	23.3	1008.0	—	1008.8	+ 0.4	1006.9	+ 0.3	1007.0	+ 0.6
	Beni Suef	30.4	1003.8	—	1005.1	+ 0.1	1003.5	+ 0.3	1003.0	— 0.1	30.0	1007.2	—	1008.5	+ 0.1	1006.8	+ 0.3	1006.4	0.0
	Minya (A)	40.5	1001.9	— 0.4	1003.1	— 0.2	1002.1	0.0	1001.2	— 0.2	40.3	1006.6	— 0.4	1007.7	— 0.3	1006.5	0.0	1005.7	— 0.2
	Asyout Mangabad (A)	69·6	999.3	+ 1.1	1000.6	+ 0.4	999.3	+ 0.8	998.8	+ 0.9	69.5	1007.3	+ 0.9	1008.6	+ 0.6	1007.0	— 0.8	1006.7	+ 0.8
	Nag Hammadi	70.6	998.0	—	999.6	+ 0.4	998.2	+ 0.6	997.9	+ 0.4	70.5	1006.0	—	1007.6	+ 0.4	1005.9	— 0.6	1005.7	+ 0.3
	Kena	74.2	997.6	—	998.9	+ 0.6	997.7	+ 1.3	997.2	+ 0.8	74.2	1006.0	—	1007.3	+ 0.6	1005.9	+ 1.4	1005.6	+ 1.0
	Luxor (A)	88.5	995.2	+ 0.2	996.7	+ 0.4	995.1	+ 0.5	994.9	+ 0.3	88.4	1005.3	+ 0.3	1006.6	+ 0.4	1004.8	— 0.6	1004.8	+ 0.4
	Kom Ombo	102.6	993.5	—	995.0	—	993.4	—	993.3	—	102.6	1005.2	—	1006.4	—	1004.6	—	1004.8	—
	Aswan (A)	193.9	983.2	—	984.8	0.0	982.9	+ 0.9	982,9	— 0.2	193.5	1005.4	—	1006.4	— 0.1	1004.2	+ 0.2	1004.5	+ 0.1
Western Desert	Siwa	—13.5	1011.5	+ 0.2	1012.7	+ 0.3	1010.8	0.0	1010.0	+ 0.3	—13.3	1009.8	+ 0.3	1011.0	+ 0.2	1009.2	0.0	1008.5	+ 0.4
	Bahariya	129.5	993.2	— 0.5	994.4	+ 0.1	993.2	+ 0.2	992.5	— 0.1	129.6	1008.1	— 0.6	1009.3	0.0	1007.5	+ 0.2	1007.0	— 0.1
	Farafra	91.8	998.5	— 0.3	1000.0	— 0.2	998.4	— 0.3	998.0	— 0.2	92.1	1009.1	— 0.4	1010.6	— 0.2	1008.7	— 0.3	1008.4	— 0.2
	Dakhla	111.5	993.7	—	995.3	+ 0.1	992.9	— 0.7	992.5	— 1.3	111.5	1006.5	—	1007.9	+ 0.1	1005.1	— 0.8	1004.9	— 1.3
	Kharga	72.8	997.9	—	999.2	— 1.0	997.7	— 1.1	997.7	— 1.0	73.0	1006.1	—	1007.3	— 0.9	1005.4	— 1.2	1005.7	— 0.9
Red Sea	Suez	11.5	1007.0	—	1007.8	+ 0.8	1006.3	— 0.4	1006.3	+ 0.4	12.2	1008.2	—	1009.0	+ 0.8	1007.5	— 0.4	1007.5	+ 0.4
	Abu Redes	4.0	1004.9	—	1006.3	—	1004.9	—	1004.7	—	4.0	1005.3	—	1006.7	—	1005.3	—	1005.1	—
	Tor	4.2	1003.9	—	1005.4	— 0.4	1004.3	— 0.4	1003.7	— 1.5	4.2	1004.3	—	1005.8	— 0.4	1004.7	— 0.4	1004.1	— 0.5
	Hurghada	2.8	1004.4	+ 1.2	1006.3	+ 1.2	1004.5	+ 1.0	1004.3	+ 1.2	2.8	1004.6	+ 1.2	1006.5	+ 1.2	1004.7	+ 1.0	1004.5	+ 1.2
	Quseir	10.8	1003.3	—	1004.7	— 0.1	1003.9	— 0.7	1003.8	— 0.4	9.5	1004.3	—	1005.7	— 0.1	1004.9	— 0.7	1004.8	— 0.4
	Abul Kizan	5.0	1004.6	—	1005.3	—	1005.0	—	1004.6	—	5.0	1005.1	—	1005.8	—	1005.5	—	1005.1	—

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

JULY 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	23.2	—	25.5	— 1.1	30.0	+ 0.2	26.5	+ 0.5	21.0	—	21.9	— 0.2	22.2	— 0.8	21.9	— 0.6	82	—	71	+ 5	48	— 6	65	— 1
	Sidi Barrani	22.3	—0.6	25.0	— 0.5	27.4	— 0.1	24.5	— 0.4	20.3	— 0.7	21.9	— 0.4	22.8	— 0.5	21.8	— 0.6	83	— 1	75	0	66	— 3	78	— 2
	Mersa Matruh (A)	22.1	+0.1	25.3	0.3	28.1	+ 0.3	24.7	— 0.3	19.9	— 0.4	21.5	— 0.9	22.5	— 0.8	21.5	— 1.0	81	— 4	70	— 5	60	— 7	74	— 6
	Ras El Hikma	23.3	—	24.7	—	26.4	—	24.1	—	22.0	—	22.7	—	23.7	—	22.6	—	89	—	83	—	79	—	88	—
	Dabaa	22.1	—	25.4	— 0.6	28.4	+ 0.1	24.5	— 0.5	19.9	—	21.7	— 0.7	22.3	— 0.4	21.4	— 0.9	81	—	71	— 1	57	— 3	75	— 3
	Dekheila (A)	23.8	—	26.2	—	28.8	—	25.5	—	21.0	—	22.1	—	23.1	—	22.1	—	77	—	68	—	60	—	73	—
	Ras El Teen	24.2	—	25.6	—	26.4	—	25.2	—	22.0	—	22.5	—	23.0	—	23.0	—	82	—	75	—	73	—	82	—
	Alexandria (A)	23.2	—0.4	27.8	+ 1.2	30.0	+ 1.2	25.0	0.0	21.3	+ 0.4	23.0	+ 0.2	23.7	— 0.1	22.2	— 0.2	84	0	65	— 6	57	— 7	77	— 2
	Balteam	24.4	—	27.5	—	29.7	—	25.5	—	22.0	—	23.2	—	23.6	—	22.6	—	80	—	68	—	58	—	77	—
	Damietta	23.3	—	26.5	— 0.6	31.4	+ 2.2	25.5	— 0.1	22.3	—	23.7	+ 0.1	25.3	+ 1.5	23.4	0.1	91	—	78	+ 5	59	— 3	83	0
	Port Said (A)	25.2	0.0	26.3	+ 0.4	29.6	+ 0.5	26.6	+ 0.1	22.4	— 0.2	22.9	— 0.3	24.2	0.0	23.2	— 0.3	77	— 2	73	0	62	— 3	74	— 3
	El Arish	22.9	0.0	72.6	— 0.4	30.4	+ 1.4	26.3	+ 0.2	21.4	+ 0.0	23.3	+ 0.2	24.9	+ 0.2	23.5	+ 0.1	88	0	68	+ 1	62	— 7	78	— 2
	Ghazza	23.0	—	27.3	—	28.1	—	26.4	—	20.6	—	22.5	—	23.9	—	23.3	—	79	—	64	—	69	—	76	—
Lower Egypt	El Sirw	23.2	—	26.8	0.0	31.6	+ 0.8	25.7	0.0	—	—	23.2	— 0.2	24.0	— 0.5	23.0	— 0.1	—	—	72	— 2	51	— 6	79	0
	Sakha	20.7	—	25.1	— 1.4	33.3	0.0	26.7	+ 1.2	—	—	22.5	— 0.6	25.5	+ 0.6	23.5	+ 0.9	—	—	79	+ 5	51	+ 3	75	— 2
	Mansoura	20.7	—	25.6	— 0.8	32.3	— 1.4	25.5	— 1.1	20.0	—	23.1	+ 0.3	23.9	+ 0.5	22.3	— 0.1	94	—	80	+ 7	47	+ 8	75	+ 7
	Damanhour	24.7	—	24.6	— 2.4	32.1	+ 0.7	24.9	— 0.3	—	—	22.2	— 1.0	23.5	— 0.3	22.3	+ 0.1	—	—	80	+ 8	46	— 4	79	+ 2
	Gimmeiza	21.5	—	26.2	— 0.0	33.9	+ 0.3	26.4	+ 0.6	—	—	23.6	— 0.2	25.1	+ 0.1	22.8	— 0.1	—	—	75	— 2	46	— 1	72	— 5
	Tanta	21.9	—	25.6	— 0.7	34.2	+ 0.4	26.8	+ 0.7	19.6	—	22.0	— 0.8	23.8	+ 0.4	21.8	0.2	80	—	71	— 2	30	0	63	— 5
	Tahrir	22.2	—	25.6	—	34.2	—	27.1	—	0.6	—	22.0	—	21.6	—	21.8	—	86	—	71	—	29	—	61	—
	Shebin El Kom	21.2	—	24.7	— 1.5	33.3	— 0.1	26.4	— 1.1	19.9	—	22.2	0.0	24.0	+ 1.6	22.2	+ 0.6	88	—	80	+11	43	+11	68	+11
	Zagazig	22.7	—	25.4	— 1.6	33.3	+ 0.9	28.7	— 1.2	—	—	22.2	— 1.1	23.4	— 0.6	22.9	+ 0.3	—	—	75	+ 3	41	+ 1	59	— 5
	Abu Sueir (A)	23.7	—	26.1	—	35.2	—	29.3	—	21.1	—	21.9	—	21.8	—	22.1	—	79	—	67	—	27	—	51	—
	Banha	22.4	—	24.4	—	34.3	—	27.8	—	20.4	—	21.9	—	23.7	—	22.4	—	83	—	80	—	33	—	61	—
	Zaher (A)	23.0	—	25.3	—	34.0	—	29.0	—	21.1	—	21.9	—	22.8	—	22.7	—	84	—	73	—	35	—	59	—
	Wadi El Natrun	22.8	—	25.5	— 0.4	35.5	+ 0.4	28.4	— 0.6	19.9	—	21.4	— 0.7	20.8	— 2.1	20.6	— 1.2	75	—	68	— 3	21	—11	46	— 5
	Inshas (A)	22.7	—	25.3	—	33.4	—	28.4	—	20.3	—	21.6	—	22.6	—	22.1	—	79	—	71	—	36	—	56	—
	Fayed (A)	24.5	—	27.0	—	36.3	—	30.2	—	20.4	—	21.9	—	21.8	—	21.7	—	67	—	62	—	23	—	44	—
	Kabrit (A)	24.8	—	26.1	—	34.7	—	29.8	—	21.0	—	21.6	—	22.2	—	21.8	—	69	—	66	—	30	—	46	—
Cairo Area	Cairo (A)	23.6	+ 0.1	25.1	0.0	34.0	+ 2.0	29.9	0.0	20.5	— 0.3	21.4	— 0.2	21.6	— 0.2	21.6	— 0.0	75	— 3	71	— 1	29	— 1	45	0
	Mostafa Helmi (A)	22.2	—	24.2	—	34.0	—	28.3	—	19.9	—	20.3	—	20.5	—	20.9	—	80	—	69	—	24	—	49	—
	Almaza (A)	23.3	— 0.6	24.9	— 0.2	34.5	+ 0.9	29.6	— 0.6	19.8	— 1.4	20.7	— 1.1	22.1	+ 0.6	21.4	— 0.4	71	— 7	67	— 7	30	— 1	45	0
	Abbasiya (H.Q.)	23.8	—	26.6	—	35.6	—	29.8	—	21.4	—	22.6	—	23.9	—	22.9	—	80	—	69	—	35	—	53	—
	Imbaba (A)	22.4	—	25.5	—	34.2	—	28.7	—	19.6	—	21.5	—	22.9	—	22.0	—	76	—	69	—	35	—	54	—
	Giza	22.6	—	25.0	— 0.4	33.5	— 1.4	29.2	+ 0.2	20.4	—	21.7	— 0.3	21.7	— 1.0	21.7	+ 0.3	81	—	74	+ 1	33	0	49	+ 1
	Helwan	23.3	—	25.5	+ 0.6	34.8	+ 0.7	30.1	— 0.4	20.0	—	20.7	— 0.0	20.9	+ 0.5	20.9	+ 0.5	73	—	63	— 4	24	0	40	+ 4

Table A [illegible] MONTHLY MEAN VALUES OF THE DRY BULB AND WET BULB TEMPERATURES, AND THE RELATIVE HUMIDITY AT FIXED HOURS.

JULY 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	24.3	—	26.8	+ 0.5	35.8	+ 0.9	31.1	+ 0.7	20.0	—	21.7	+ 0.2	21.4	— 0.0	20.7	0.0	66	—	62	— 1	23	— 3	35	— 3
	Beni Suef	24.0	—	26.0	— 1.6	36.0	— 0.5	29.8	— 0.9	19.2	—	20.9	— 1.3	21.9	— 0.7	20.5	— 0.5	61	—	61	0	25	— 1	41	+ 1
	Seds	24.1	—	26.5	+ 0.5	34.7	0.0	28.4	+ 0.2	—	—	22.4	— 0.5	23.2	+ 0.2	21.2	— 0.2	—	—	69	0	35	+ 3	50	— 1
	Minya (A)	23.2	+ 0.2	25.8	— 0.3	35.8	— 0.2	29.1	+ 0.3	18.0	— 0.4	21.1	— 0.2	22.0	+ 0.3	20.8	+ 0.7	65	+ 3	64	0	26	+ 8	44	+ 2
	Mallawi	22.5	—	26.4	—	35.1	—	27.3	—	—	—	22.4	—	24.4	—	21.2	—	—	—	69	—	39	—	56	—
	AsyoutMangabad. (A)	25.8	0.0	26.7	— 0.1	36.1	— 0.1	31.3	+ 0.3	17.5	+ 0.1	20.0	+ 0.1	21.2	— 0.1	20.2	+ 0.9	40	0	51	+ 1	21	0	32	+ 3
	Shandaweel	23.4	—	26.9	— 1.8	37.2	+ 0.6	28.0	— 0.3	—	—	21.9	— 0.3	24.7	+ 0.6	22.1	+ 0.6	—	—	63	+ 8	33	+ 1	58	+ 5
	Nag Hammadi	25.8	—	25.5	— 3.3	35.4	— 0.2	31.0	+ 1.7	—	—	20.9	— 0.1	23.8	+ 1.1	21.6	+ 0.8	—	—	64	+17	31	+ 5	40	— 3
	Kena	26.5	—	30.2	— 0.3	37.8	— 2.1	31.0	— 2.1	—	—	21.7	+ 1.1	24.2	+ 1.1	21.0	+ 0.4	—	—	44	+ 7	29	+10	37	+ 9
	Luxor (A)	27.4	0.0	28.2	— 3.8	38.9	+ 1.0	32.4	+ 1.2	18.0	+ 0.4	20.5	— 0.2	21.6	+ 0.6	20.4	+ 0.2	35	+ 2	46	+12	16	— 4	29	— 1
	Kom Ombo	25.8	—	31.5	—	40.7	—	31.7	—	16.3	—	19.6	—	21.4	—	18.7	—	33	—	28	—	12	—	23	—
	Aswan (A)	28.0	—	32.0	+ 0.2	39.3	— 1.1	35.1	— 0.8	15.6	—	17.9	— 2.1	19.6	— 3.0	17.6	— 2.8	20	—	18	—11	9	— 8	10	— 9
Western Desert	Siwa	24.5	— 0.6	25.4	— 0.1	36.1	+ 0.4	32.4	— 0.9	17.5	— 0.6	19.5	— 0.6	19.9	— 0.9	18.7	— 1.6	47	— 1	55	— 4	16	— 5	21	— 5
	Bahariya	24.5	—	25.8	— 0.1	36.4	+ 1.1	32.2	+ 1.7	17.6	—	19.0	— 1.3	20.6	— 1.6	19.4	— 1.0	48	—	49	— 9	18	—10	25	—11
	Farafra	24.3	—	26.7	— 0.6	36.6	+ 0.5	31.4	+ 0.8	15.5	—	17.7	— 1.7	19.7	— 1.9	17.7	— 1.3	33	—	37	— 7	14	— 9	20	— 8
	Dakhla	24.3	—	29.0	— 0.4	38.3	+ 1.3	32.7	0.0	14.4	—	17.6	— 0.9	19.8	— 1.2	17.9	— 0.8	28	—	27	— 3	12	— 6	17	— 3
	Kharga	24.2	—	29.9	0.0	40.0	+ 1.5	32.6	— 1.3	16.1	—	19.4	— 1.7	22.4	— 1.6	19.3	— 2.1	39	—	33	— 9	16	—10	25	— 6
Red Sea	Suez	23.5	—	27.0	+ 0.4	35.0	+ 0.4	31.1	+ 1.4	—	—	23.6	+ 1.2	24.1	+ 1.1	23.6	+ 1.0	—	—	74	+ 6	38	+ 4	50	— 2
	Abu Rodeis	26.0	—	28.6	—	30.9	—	28.8	—	21.5	—	22.8	—	23.6	—	23.0	—	66	—	65	—	49	—	59	—
	Tor	26.2	—	27.9	+ 0.1	31.7	— 0.2	30.3	— 0.3	22.2	—	23.1	— 0.6	23.2	— 1.4	22.4	— 1.4	69	—	65	— 5	46	— 7	48	— 6
	Hurghada	26.9	— 0.7	29.9	+ 1.3	32.9	+ 2.0	30.1	+ 0.3	18.8	— 1.2	21.4	— 1.6	23.0	— 1.7	22.1	— 0.6	43	— 3	43	—17	40	—18	47	— 5
	Quseir	29.9	—	30.7	— 0.4	31.6	— 0.1	29.5	— 0.3	20.2	—	23.2	0.0	24.9	— 0.6	23.1	— 0.4	45	— 4	50	— 9	55	— 4	56	— 1
	Abul Kizan	28.9	—	30.3	— 0.5	30.3	— 1.2	29.2	— 0.1	—	—	26.1	— 0.5	25.9	— 1.4	26.3	— 0.5	—	—	70	— 1	68	— 1	78	— 3

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

JULY 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	1009.7	0.0	1010.2	0.0	30.5	— 1.0	22.0	— 1.4	26.2	a	26.3	+ 0.5	a	21.8	+ 0.4	a	66	0
	Sidi Barrani	a	1006.8	— 0.5	1009.4	— 0.5	27.9	— 0.5	21.2	— 0.7	24.6	a	24.7	— 0.7	a	21.6	— 0.2	a	75	0
	Mersa Matruh (A)	a	1006.3	+ 0.3	1010.0	— 1.1	29.2	+ 0.4	20.7	+ 0.1	25.0	a	24.9	— 0.3	a	21.2	— 1.0	a	70	— 6
	Ras El Hikma	a	1003.6	—	1009.0	— 0.3	26.9	—	22.4	—	24.6	a	24.6	—	a	22.7	—	a	84	—
	Dabaa	a	1006.5	—	1008.5	—	29.0	— 0.5	21.0	+ 0.1	25.0	a	25.0	0.0	a	21.2	— 0.7	a	70	— 5
	Dekheila (A)	a	1008.4	—	1009.0	—	29.1	—	22.9	—	26.0	a	26.0	—	a	22.1	—	a	70	—
	Ras El Teen	a	1008.1	—	1009.3	—	26.9	—	23.8	—	25.4	a	25.3	—	a	22.5	—	a	77	—
	Alexandria (A)	a	1007.8	— 0.4	1008.6	— 0.4	31.0	+ 1.5	22.0	0.7	26.5	a	26.4	+ 0.4	a	22.4	+ 0.1	a	69	— 4
	Balteam	a	1007.8	—	1008.0	—	31.1	—	22.5	—	26.8	a	26.7	—	a	22.8	—	a	70	—
	Damietta	a	1007.9	— 0.1	1008.3	+ 0.1	32.3	+ 0.9	21.4	+ 0.1	26.8	a	26.5	+ 0.7	a	23.4	+ 0.4	a	76	— 2
	Port Said (A)	a	1007.1	— 0.1	1007.8	+ 0.1	30.5	+ 0.2	24.2	0.0	27.4	a	26.9	+ 0.2	a	23.1	— 0.2	a	71	— 3
	El Arish	a	1006.0	— 0.4	1007.9	— 0.4	31.7	+ 1.2	21.6	+ 0.5	26.6	a	26.7	+ 0.7	a	23.2	+ 0.9	a	73	0
	Ghazza	a	1006.0	—	1007.8	—	29.0	—	21.5	—	25.2	a	25.9	—	a	22.5	—	a	73	—
Lower Egypt	El Sirw	—	—	—	—	—	32.8	+ 0.3	20.9	+ 1.0	26.8	c	26.9	+ 0.9	c	23.8	+ 1.0	e	76	0
	Sakha	—	—	—	—	—	34.0	0.0	19.7	+ 0.7	26.8	c	26.4	+ 0.3	c	23.4	+ 0.4	e	77	+ 1
	Mansoura	a	1007.5	— 0.0	1007.9	— 0.0	33.3	+ 0.7	19.3	— 1.3	26.3	a	26.0	— 0.8	a	22.2	— 0.7	a	71	+ 1
	Damanhour	c	1008.2	+ 0.3	1008.9	+ 0.3	32.5	— 0.1	20.2	— 0.1	26.4	c	26.6	+ 0.7	c	24.0	+ 1.4	e	80	+ 0
	Gimmeiza	c	1007.4	0.0	1008.5	+ 0.1	34.8	+ 0.2	19.4	+ 0.1	27.1	c	27.0	+ 0.8	c	23.6	+ 0.4	e	74	— 6
	Tanta	a	1006.4	— 0.7	1007.6	— 0.7	35.0	+ 0.5	20.5	+ 1.4	27.8	a	27.2	+ 0.9	a	21.6	— 0.8	a	59	—11
	Tahrir	a	1005.9	—	1008.1	—	34.3	—	19.9	—	27.1	a	27.2	—	a	21.4	—	a	57	—
	Shebin El Kom	a	1006.6	0.0	1008.1	— 0.0	34.4	— 1.2	19.8	— 0.8	27.1	a	26.5	— 0.4	a	22.0	— 0.1	a	66	+ 3
	Zagazig	c	1006.9	— 0.1	1008.8	— 0.1	34.3	— 0.7	21.0	+ 1.1	27.6	c	27.8	+ 0.6	c	23.4	+ 0.4	e	67	— 1
	Abu Sueir (A)	a	1006.5	—	1008.3	—	36.5	—	21.8	—	29.2	a	28.6	—	a	21.6	—	a	52	—
	Banha	a	1006.0	—	1007.7	—	35.4	—	21.4	—	28.4	a	27.3	—	a	22.0	—	a	61	—
	Zaher (A)	a	1003.5	—	1007.0	—	34.9	—	21.5	—	28.2	a	27.8	—	a	22.1	—	a	59	—
	Wadi El Natrun	a	1008.6	+ 0.8	1008.7	+ 0.8	35.5	+ 0.1	20.3	— 0.3	28.4	a	28.0	+ 0.4	a	20.5	— 0.1	a	47	—14
	Inshas (A)	a	1003.9	—	1006.9	—	34.5	—	21.3	—	27.9	a	27.5	—	a	21.6	—	a	57	—
	Fayed (A)	a	1005.6	—	1008.1	—	37.2	—	22.2	—	29.7	a	29.5	—	a	21.3	—	a	45	—
	Kabrit (A)	a	1006.4	—	1007.7	—	35.9	—	22.8	—	29.4	a	28.9	—	a	21.7	—	a	51	—

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

JULY 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	1000.5	— 0.1	1007.9	— 0.1	35.5	— 0.2	21.8	+ 0.2	28.7	a	28.2	— 0.5	a	21.3	+ 0.2	a	52	0
	Mostafa Helmi (A)	a	989.7	—	1008.3	—	34.9	—	20.8	—	27.8	a	27.2	—	a	20.3	—	a	50	—
	Almaza (A)	a	998.7	— 0.3	1007.6	— 0.3	35.5	— 0.1	21.6	— 0.2	28.6	a	28.1	— 0.4	a	20.9	— 1.0	a	50	— 4
	Abbasiya (H.Q.)	a	1005.6	—	1008.7	—	37.2	—	22.1	—	29.6	a	28.9	—	a	22.7	—	a	57	—
	Imbaba A)	a	1005.6	—	1007.7	—	35.4	—	20.6	—	28.0	a	27.8	—	a	21.4	—	a	54	—
	Giza	a	1005.2	— 0.2	1008.0	— 0.1	35.2	— 0.5	21.0	+ 0.2	28.1	a	27.6	+ 0.3	a	21.3	— 0.6	a	55	— 5
	Helwan	a	991.7	+ 0.3	1008.0	+ 0.3	36.3	+ 0.8	21.2	— 0.1	28.8	a	28.4	+ 1.6	a	20.6	+ 0.5	a	46	— 5
Upper Egypt	Fayoum	a	1004.8	+ 0.5	1007.6	+ 0.4	36.1	— 0.5	21.9	+ 0.7	29.0	a	29.5	+ 1.3	a	20.9	— 0.2	a	43	— 7
	Beni Suef	a	1003.8	0.0	1007.1	— 0.1	37.2	+ 0.3	20.5	+ 0.4	28.8	a	29.1	+ 0.5	a	20.6	— 0.7	a	43	— 7
	Seds	—	—	—	—	—	36.0	0.0	19.9	+ 0.1	28.0	c	28.4	+ 0.7	c	22.8	+ 0.6	e	60	0
	Minya (A)	a	1002.1	— 0.8	1006.7	— 0.7	36.9	— 0.1	20.0	— 0.2	28.4	a	28.6	0.0	a	20.6	+ 0.2	a	46	+ 2
	Mallawi	—	—	—	—	—	36.2	—	19.2	—	27.7	c	27.8	—	c	22.6	—	e	62	—
	Asyout Mangabad (A)	a	999.4	+ 0.5	1007.4	+ 0.7	37.1	— 0.1	22.8	+ 0.4	30.0	a	30.2	+ 1.3	a	19.7	+ 0.3	a	33	0
	Shandaweel	c	—	—	—	—	38.2	+ 0.5	20.2	— 0.3	29.2	c	28.9	0.0	c	23.1	+ 0.9	e	60	+ 6
	Nag Hammadi	c	998.4	+ 0.3	1006.3	+ 0.3	38.2	+ 0.7	20.9	+ 0.2	29.6	c	29.7	+ 0.9	c	22.6	+ 2.0	e	52	+ 7
	Kena	c	997.8	+ 0.8	1006.2	+ 0.8	38.7	— 2.2	23.7	— 0.5	31.2	c	31.4	— 0.5	c	21.8	+ 1.1	e	40	+ 8
	Luxor (A)	a	995.5	+ 0.4	1005.4	+ 0.4	40.3	— 0.7	23.7	+ 0.7	32.0	a	32.5	— 0.2	a	20.0	+ 0.1	a	27	+ 3
	Kom Ombo	a	993.7	—	1005.2	—	42.2	—	22.0	—	32.1	a	32.1	—	a	18.7	—	a	22	—
	Aswan (A)	a	983.4	+ 0.3	1005.1	+ 0.2	40.3	— 1.1	25.2	— 0.4	32.8	a	33.6	+ 0.2	a	17.6	— 2.8	a	13	—13
Western Desert	Siwa	a	1011.3	— 0.9	1009.6	— 1.0	38.2	+ 0.4	20.1	— 1.4	29.2	a	29.6	+ 0.4	a	18.8	— 0.4	a	31	— 3
	Bahariya	a	993.4	— 0.0	1008.0	— 0.2	37.3	+ 0.6	21.2	+ 0.9	29.2	a	29.8	+ 1.8	a	19.0	— 1.5	a	31	—16
	Farafra	a	998.7	— 0.2	1009.3	— 0.2	37.4	+ 0.8	20.8	— 0.2	29.1	a	29.6	+ 0.8	a	17.6	— 0.6	a	25	— 5
	Dakhla	a	993.6	— 0.6	1006.1	— 0.6	39.2	+ 0.8	20.8	— 2.6	30.0	a	30.8	— 0.1	a	17.3	— 1.7	a	19	— 9
	Kharga	a	998.1	— 0.7	1006.0	— 0.7	41.0	+ 1.7	21.1	— 2.4	31.0	a	31.3	— 0.1	a	19.2	— 1.2	a	27	— 6
Red Sea	Suez	c	1006.8	+ 0.2	1008.0	+ 0.2	37.5	+ 1.1	21.8	— 0.9	28.6	c	30.0	— 1.5	c	24.5	+ 1.6	e	62	+ 2
	Abu Redes	a	1005.2	—	1005.6	—	32.4	—	23.9	—	28.2	a	28.3	—	a	22.5	—	a	59	—
	Tor	a	1004.3	— 0.8	1004.7	— 0.8	34.4	— 0.3	24.5	+ 0.1	29.4	a	29.0	+ 0.3	a	22.6	— 0.8	a	55	— 7
	Hurghada	a	1004.9	+ 0.9	1005.1	+ 0.9	34.1	+ 1.6	24.5	— 0.3	29.3	a	29.8	+ 0.4	a	21.2	— 1.0	a	43	— 8
	Quseir	a	1003.9	— 0.6	1004.9	— 0.6	32.6	— 0.8	26.3	0.0	29.4	a	29.8	+ 0.1	a	22.7	+ 0.1	a	52	0
	Abul Kizan	c	1005.0	—	1005.4	—	32.0	— 0.8	28.3	+ 1.0	30.2	c	29.7	0.0	e	26.1	— 0.3	e	74	— 2

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

JULY 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	38.3	14	25.4	5	31	22	2	0	0	25.8	14	18.5	6				
	Sidi Barrani	29.6	14	25.8	5	31	0	0	0	0	23.5	15,22	15.9	6	0	0	0	0
	Mersa Matruh (A)	31.6	14	27.5	5	31	5	0	0	0	23.4	23	17.2	6	0	0	0	0
	Ras El Hikma	28.1	30	25.6	2	31	0	0	0	0	23.8	19	18.4	3	0	0	0	0
	Dabaa	33.5	3	26.6	5	31	5	0	0	0	23.4	9	17.4	13,17	0	0	0	0
	Dekheila (A)	30.4	30	28.1	5	31	1	0	0	0	24.4	8	19.4	3	0	0	0	0
	Ras El Teen	27.9	29	24.8	5	30	0	0	0	0	24.8	31	22.5	2	0	0	0	0
	Alexandria (A)	33.0	14,25	29.1	5	31	26	0	0	0	24.0	9	18.8	27	0	0	0	0
	Balteam	33.5	15	28.3	5	31	25	0	0	0	24.4	28	20.7	5	0	0	0	0
	Damietta	36.2	14	29.2	5	31	29	3	0	0	23.[illegible]	27	20.1	5,18	0	0	0	0
	Port Said (A)	33.9	9	27.5	4,5	31	18	0	0	0	25.9	32	22.9	7	0	0	0	0
	El Arish	36.0	30	29.2	4	31	28	2	0	0	23.6	5	18.9	15	0	0	0	0
	Ghazza	32.8	30	27.3	6	31	5	0	0	0	23.5	21	19.4	14,15	0	0	0	0
Lower Egypt	EL Sirw	36.7	15	28.8	5	31	26	3	0	0	24.0	31	19.0	7	0	0	0	0
	Sakha	36.2	26	30.2	21	31	31	8	0	0	22.2	31	17.2	6	0	0	0	0
	Mansoura	36.5	15	29.7	5	31	30	5	0	0	21.[illegible]	17	16.6	7	0	0	0	0
	Damanhour	35.7	15	29.1	5	31	30	3	0	0	22	16	18.6	5	0	0	0	0
	Gimmeiza	37.0	8,14,15	31.5	6	31	31	10	0	0	22.0	9,31	17.0	5	0	0	0	0
	Tanta	37.8	15	31.7	6	31	31	17	0	0	22.8	16,31	18.2	7	0	0	0	0
	Tahrir	39.2	15	31.0	5	31	31	18	0	0	23.0	16	18.2	7	0	0	0	0
	Shebin El Kom	37.4	30	31.0	21	31	31	13	0	0	21.7	9	17.2	6,7	0	0	0	0
	Zagazig	36.7	15	30.7	5	31	31	10	0	0	23.3	15	18.5	7	0	0	0	0
	Abu Sueir (A)	40.7	15	32.6	6	31	31	23	1	0	23.7	17	20.0	3	0	0	0	0
	Zaher (A)	38.0	8	31.5	5	31	31	16	0	0	23.5	30	19.3	7	0	0	0	0
	Wadi EL Natrun	40.8	15	32.2	21	31	31	24	2	0	23.2	31	17.5	6	0	0	0	0
	Inshas (A)	38.0	9	31.3	21	31	31	13	0	0	24.5	30	18.2	6	0	0	0	0
	Fayed (A)	40.5	8.9	33.4	6,21	31	31	26	2	0	23.5	17	20.0	3	0	0	0	0
	Kabrit (A)	39.2	9	32.5	6,21	31	31	21	0	0	24.3	17	21.0	7,15	0	0	0	0
	Delta Barrage	39.0	8	33.5	5,6	31	31	18	0	0	22.0	9	17.0	7	0	0	0	0
Cairo Area	Cairo A)	38.4	9	32.0	21	31	31	19	0	0	25.0	30	19.4	6	0	0	0	0
	Mostafa Helmi (A	38.4	8	30.4	21	31	31	17	0	0	23.6	30	18.5	6	0	0	0	0
	Almaza (A)	38.4	8,15	31.6	21	31	31	20	0	0	23.6	30	19.2	6	0	0	0	0
	Abbasiya (H.Q)	40.2	8,15	34.5	2,6,21	31	31	27	2	0	24.0	30	18.9	6	0	0	0	0
	Imbaba A)	38.5	8	32.4	6	31	31	16	0	0	22.9	10	17.8	7	0	0	0	0
	Giza	38.0	8	32.1	5	31	31	15	0	0	23.1	28	19.0	3	0	0	0	0
	Helwan	39.4	15	32.0	21	31	31	23	0	0	22.8	4,31	19.4	7	0	0	0	0

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

JULY 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	40.5	15	33.0	21	31	31	27	2	0	23.8	16	19.2	6	0	0	0	0
	Beni Suef	41.6	16	33.2	6	31	31	26	2	0	22.0	1,17,28*	19.0	7,8,15	0	0	0	0
	Seds	41.0	16	32.5	6	31	31	21	1	0	22.2	17	18.0	8	0	0	0	0
	Minya (A)	41.8	16	33.3	6	31	31	27	2	0	23.0	17	17.5	29	0	0	0	0
	Mallawi	42.5	16	33.0	2,6	31	31	19	1	0	21.5	5	17.0	7	0	0	0	0
	AsyoutMangabad (A)	40.5	16	34.2	22	31	31	28	3	0	25.6	16	19.5	7	0	0	0	0
	Shandaweel	42.0	4,16	34.0	22	31	31	28	6	0	22.5	5	17.5	14	0	0	0	0
	Nag Hammadi	42.7	16	34.7	6,7	31	31	29	4	0	22.2	18	18.8	3	0	0	0	0
	Kena	42.2	17	35.4	7	31	31	31	6	0	26.1	18	16.8	4	0	0	0	0
	Luxor (A)	43.6	17	37.8	22	31	31	31	16	0	26.5	11	20.1	15	0	0	0	0
	Kom Ombo	45.3	18	39.9	24	31	31	31	30	1	25.6	6,21	18.6	4	0	0	0	0
	Aswan (A)	43.8	16	40.0	8	31	31	31	30	0	27.4	19	21.5	8	0	0	0	0
Western Desert	Siwa	44.0	14	33.8	4	31	31	29	5	0	23.5	20	17.8	10,11	0	0	0	0
	Bahariya	40.5	14	33.9	22	31	31	25	2	0	23.9	15	19.0	7,14	0	0	0	0
	Farafra	40.6	14	34.4	7	31	31	25	2	0	23.8	15	18.0	6,12	0	0	0	0
	Dakhla	43.2	15	35.5	7	31	31	21	11	0	26.3	18	17.5	15,30	0	0	0	0
	Kharga	46.0	16	37.0	7	31	31	31	18	2	26.0	5	16.9	8	0	0	0	0
Red Sea	Suez	41.6	16	33.9	6	31	31	28	3	0	24.0	17	19.8	7	0	0	0	0
	Abu Redes	35.2	16	29.2	6	31	28	1	0	0	26.8	26	22.6	15	0	0	0	0
	Tor	39.2	13	30.8	7	31	31	12	0	0	27.3	29	20.4	4	0	0	0	0
	Hurghada	37.2	17	31.3	3	31	31	8	0	0	27.8	12	20.9	16	0	0	0	0
	Quseir	36.0	4	30.2	9	31	81	3	0	0	28.4	27	22.9	16	0	0	0	0
	Abul Kizan	34.4	12	30.0	15	31	30	0	0	0	29.5	26,27	26.7	8	0	0	0	0

* More han hree days.

TABLE A 5. — RAINFALL AND SNOW DEPTH

JULY 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	0.0	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	0.0	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	—tr.	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	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Sakha	0.0	0.0	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	0.0	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	—
	Holwan	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—

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

JULY 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	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	0.0	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
JULY 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	—	—	—	0.3	—	1.1	—	0.6	—	0.2	—	8.5	—	—	18.4
	Sidi Barrani	—	—	—	—	—	2.4	—	0.4	—	0.5	—	5.4	—	—	—
	Mersa Matruh (A)	384.8	43.36	88.7	0.5	—	2.2	—	0.3	—	1.3	—	9.4	—	—	—
	Ras El Hikma	—	—	—	—	—	2.2	—	0.8	—	0.8	—	4.1	—	—	21.8
	Dabaa	—	—	—	—	—	1.5	—	0.7	—	0.9	—	6.7	—	—	—
	Dekheila (A)	—	—	—	0.9	—	1.6	—	0.3	—	0.2	—	4.2	—	—	—
	Ras El Teen	—	—	—	2.0	—	2.7	—	1.3	—	1.9	—	4.7	—	—	—
	Alexandria	384.4	432.3	88.9	2.2	—	2.3	—	0.9	—	1.5	—	4.2	—	—	—
	Balteam (A)	—	—	—	—	—	1.4	—	0.9	—	0.7	—	5.1	—	—	—
	Damietta	—	—	—	—	—	0.6	—	0.1	—	0.2	—	3.8	—	—	—
	Port Said (A)	376.9	432.3	87.2	0.6	—	2.5	—	0.2	—	0.4	—	6.4	—	—	—
	El Arish	—	—	—	1.4	—	1.9	—	0.1	—	1.5	—	5.2	—	—	20.1
	Ghazza	374.8	433.6	86.4	1.5	—	2.5	—	0.2	—	0.6	—	5.5	—	—	20.0
Lo Egypt	El Sirw	—	—	—	—	—	1.8	—	0.6	—	0.0	—	4.3	—	—	—
	Sakha	—	—	—	—	—	1.8	—	1.3	—	0.8	—	6.3	—	—	—
	Mansoura	—	—	—	—	—	2.5	—	0.5	—	—	—	4.6	—	—	—
	Damanhour	—	—	—	—	—	1.5	—	0.9	—	0.2	—	3.4	—	—	—
	Gimmeiza	—	—	—	—	—	0.7	—	0.2	—	0.0	—	6.1	—	—	—
	Tanta	366.9	431.0	85.1	—	—	1.1	—	0.6	—	0.1	—	6.6	67	47	—
	Tahrir	385.5	431.2	86.8	—	—	0.9	—	0.6	—	0.3	—	11.0	—	—	19.5
	Shebin El Kom	—	—	—	—	—	2.7	—	0.5	—	0.1	—	3.7	—	—	—
	Zagazig	364.4	431.0	84.5	—	—	2.2	—	0.4	—	0.0	—	4.8	—	—	—
	Abu Sueir (A)	—	—	—	0.4	—	2.9	—	0.5	—	0.4	—	11.1	74	—	19.2
	Bænha	—	—	—	—	—	2.1	—	0.4	—	—	—	5.4	—	—	—
	Zaher (A)	—	—	—	—	—	2.5	—	0.2	—	0.0	—	9.7	—	—	—
	Wadi El Natrun	—	—	—	—	—	0.6	—	0.4	—	0.0	—	14.2	—	—	—
	Inshas (A)	—	—	—	0.0	—	1.8	—	0.3	—	0.0	—	9.3	—	—	—
	Fayed (A)	—	—	—	—	—	0.8	—	0.4	—	0.2	—	16.6	—	—	—
	Kabrit (A)	—	—	—	—	—	1.7	—	0.0	—	0.2	—	14.5	—	—	—
	Delta Barrage	—	—	—	—	—	2.4	—	—	—	—	—	5.0	—	—	—
Cairo Area	Cairo (A)	—	—	—	0.7	—	3.0	—	0.4	—	0.3	—	16.9	—	—	—
	Mostafa Helmi (A)	—	—	—	0.2	—	1.7	—	0.4	—	0.2	—	12.5	—	—	—
	Almaza (A)	359.1	430.0	83.5	0.8	—	2.9	—	0.2	—	0.0	—	11.0	—	—	—
	Abbasiya (H.Q.)	361.4	430.0	84.0	0.5	—	2.5	—	0.1	—	0.1	—	7.4	75	48	—
	Imbaba (A)	—	—	—	—	—	2.5	—	0.2	—	—	—	9.2	—	—	—
	Giza	367.8	429.9	85.5	—	—	2.0	—	0.2	—	0.1	—	10.3	—	—	17.7
	Helwan	—	—	—	0.1	—	1.2	—	0.2	—	0.1	—	15.7	—		—
Upper Egypt	Fayoum	—	—	—	—	—	0.5	—	0.0	—	0.0	—	10.7	—	—	—
	Beni Suef	—	—	—	—	—	0.5	—	0.0	—	0.0	—	8.8	—	—	18.0
	Seds	—	—	—	—	—	0.3	—	0.0	—	0.0	—	6.6	—	—	18.7
	Minya (A)	—	—	—	0.0	—	0.3	—	0.2	—	0.3	—	11.6	—	47	18.4
	Mallawi	—	—	—	—	—	0.1	—	0.0	—	0.0	—	4.5	—	—	18.2
	Asyout (Mangabad) (A)	—	—	—	0.0	—	0.1	—	0.1	—	0.0	—	18.4	—	51	21.5
	Shandaweel	—	—	—	—	—	0.0	—	0.0	—	0.0	—	6.4	—	—	18.1
	Nag Hammadi	—	—	—	—	—	0.0	—	0.0	—	0.0	—	8.2	—	—	20.3
	Kena	—	—	—	—	—	0.1	—	0.1	—	0.0	—	9.0	70	—	19.8
	Luxor (A)	—	—	—	0.0	—	0.5	—	0.4	—	0.2	—	13.4	—	49	—
	Kom Ombo	—	—	—	—	—	0.1	—	0.0	—	0.2	—	15.6	—	—	18.4
	Aswan (A)	—	—	—	0.2	—	0.6	—	0.5	—	0.6	—	25.1	—	—	—
Red Sea Western Desert	Siwa	—	—	—	0.2	—	0.2	—	0.4	—	0.4	—	15.8	81	52	17.7
	Bahariya	—	—	—	0.1	—	0.5	—	0.3	—	0.6	—	10.2	—	—	20.1
	Farafra	—	—	—	0.1	—	0.2	—	0.6	—	0.4	—	21.3	63	43	20.4
	Dakhla	—	—	—	0.0	—	0.3	—	0.5	—	0.2	—	22.9	—	52	11.3
	Kharga	—	—	—	0.2	—	0.2	—	0.2	—	0.1	—	14.2	—	—	18.6
	Suez	—	—	—	—	—	0.9	—	0.1	—	0.1	—	10.8	—	—	—
	Abu Redes	—	—	—	0.0	—	0.0	—	0.0	—	0.0	—	11.8	—	—	—
	Tor	—	—	—	0.0	—	0.0	—	0.4	—	0.5	—	9.9	—	—	—
	Hurghada	—	—	—	0.2	—	0.4	—	0.2	—	0.5	—	20.4	—	—	—
	Quseir	—	—	—	0.5	—	0.5	—	0.5	—	0.9	—	13.6	—	—	—
	Abul Kizan	—	—	—	—	—	0.2	—	0.1	—	0.0	—	4.8	—	—	—

TABLE A 7.—SOIL TEMPERATURES (°C) AT SELECTED DEPTHS AT FIXED HOURS
JULY 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	—	—	—	—	—	24.7	32.0	31	21.1	9	33.4	35.8	31	32.0	8	30.1	32.0	31	28.8	2,3·6
		10	—	—	—	—	—	26.7	28.0	31	25.0	3,6	30.6	32.0	31	29.0	8	29.7	32.5	31	28.9	8
		20	—	—	—	—	—	27.5	29.0	31	26.4	3	27.8	29.6	31	27.4	3	29.6	31.2	31	28.4	1,2
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Mersa Matruh (A)	5	27.4	29.3	31	25.5	1	26.1	28.0	31	24.0	3	39.4	42.2	5,27	36.0	1	33.7	36.1	30	30.8	1
		10	29.0	31.0	31	27.1	1	27.0	29.0	31	25.0	3	33.9	36.0	31	31.6	8	33.9	36.0	30	31.3	1
		20	30.3	31.8	31	27.8	3	28.8	30.5	31	27.3	3	29.4	31.0	31	28.1	2	31.5	32.8	30	29.6	1
		50	29.2	30.5	22	28.0	3	28.9	30.1	31	27.6	2	28.6	30.2	31	27.6	1,3	29.0	30.5	31	27.8	3·4,9
		100	26.6	28.9	6	25.5	3	26.3	27.1	30,31	25.0	5	26.3	27.0	29	25.5	1	26.3	27.1	30	25.5	2
		200	24.4	25.1	31	23.8	8	24.6	25.5	30	23.7	2	24.6	25.8	31	23.9	3	24.6	25.4	22,31	24.0	*
	Ras El Hikma.	5	—	—	—	—	—	25.3	26.5	22,31	23.5	3	33.4	35.1	27	31.0	11	28.3	30.0	27	26.8	12
		10	—	—	—	—	—	25.3	26.3	31	24.0	3,5	29.9	31.4	30,31	28.3	12	29.1	30.7	27	27.5	9,11
		20	—	—	—	—	—	25.2	26.2	31	23.8	5	27.5	29.2	31	25.1	9	27.6	29.0	31	25.2	9
		50	—	—	—	—	—	26.5	27.4	31	25.8	1,2	26.5	27.3	30,31	25.7	1	26.4	27.3	31	25.7	1,3
		100	—	—	—	—	—	24.5	25.2	30,31	23.7	1	24.5	25.3	30,31	23.6	1	24.5	25.3	31	23.7	1,2
		200	—	—	—	—	—	21.7	22.4	31	21.1	1	21.8	22.5	31	21.1	1	21.8	22.4	31	21.1	1.2
	Alexandria . (A)	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	32.0	32.7	24	31.0	1	31.8	32.2	*	31.1	6	31.6	32.3	25	30,8	5	31.9	32.5	*	30.8	5
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	El Arish . . .	5	28.1	29.4	27,29	26.4	9	27.1	28.4	21	25.6	15	35.4	36.4	30	33.6	4	33.0	35.6	17	31.2	4
		10	29.6	30.8	29	28.7	6	27.8	29.0	29	26.4	15	33.7	34.8	30	32.3	4	33.5	34.4	25,26,21	31.9	4
		20	31.0	32.0	*	28.8	7	29.9	30.8	29,30	28.6	14	31.0	31.9	29	30.2	4	32.3	33.1	29	31.1	4
		50	31.1	32.0	30,31	30.5	*	31.2	32.0	30,31	30.1	12	31.1	32.0	31	30.3	5	30.9	31.8	31	30.3	1
		100	29.1	30.0	31	28.3	1	29.1	30.2	31	28.4	1	29.1	30.0	31	28.4	3	29.0	29.8	31	28.0	6
		200	27.0	28.8	12	26.1	1	27.1	28.9	12	26.1	1	27.0	27.7	29,30	26.2	1,2	27.0	28.8	31	26.2	1,2,3
	Ghazza	5	28.4	31.2	29	24.4	1	28.7	33.0	22	26.0	9	38.8	43.3	31	33.1	2	33.4	35.8	26	29.2	2
		10	29.7	32.5	29	25.0	1	28.6	30.7	29	25.5	9	36.5	39.5	25	30.0	5	31.8	37.3	26	31.5	2
		20	31.6	34.0	29	25.8	1	29.8	32.0	29	27.2	1	33.0	34.5	29	31.5	3,5,9	34.5	36.0	26,29	32.3	1
		50	30.7	32.6	31	28.0	1	30.7	34.0	30	29.0	3,4,6*	30.6	32.9	26	28.5	*	30.4	32.6	30	28.5	3
		100	29.1	30.9	31	27.8	4	29.4	30.7	29	28.0	1,2	29.4	31.1	26	28.0	1,2	29.2	30.8	30	27.7	3
		200	28.3	30.0	31	26.0	2	28.9	31.5	[illegible]	27.5	6	28.5	30.0	16,29,30	27.5	10	28.1	30.0	30	25.2	1

* More than three days.

TABLE A 7. (*contd.*)—SOIL TEMPERATURES (°C) AT SELECTED DEPTHS AT FIXED HOURS
JULY 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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	—	—	—	—	—	25.1	27.5	31	24.0	1,2	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	26.5	28.5	31	25.0	1,2	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gimmeiza	5	—	—	—	—	—	29·7	—	—	—	—	37.7	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	30.6	31.5	*	29.5	14	30.6	32.0	31	27.0	21	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Tanta	5	—	—	—	—	—	28.7	30.0	16	27.7	7	36.2	37.5	16	34.8	21,22	33.7	34.8	16	32.2	6
		10	—	—	—	—	—	31.7	32.7	16	30.8	6,7	35.0	36.2	16	34.0	22	35.1	36.2	16	34.0	2,6
		20	—	—	—	—	—	30.8	31.5	16,17	30.0	8	30.9	31.7	16	30.1	8	31.6	32.2	16,17	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	—	—	—	—	—	29.1	30.8	16	27.4	6	47.1	49.9	15	42.8	21	34.3	36.6	15	31.7	6
		10	—	—	—	—	—	28.6	30.5	16	26 6	7	40.5	42.3	16	37.6	21	37.0	38.9	15	34.6	6
		20	—	—	—	—	—	31.1	32.6	16	29.5	7	33.6	34.8	28,31	32.0	6	35.9	37.2	27	34.2	6
		50	—	—	—	—	—	31.9	32.6	*	30.9	7	31.5	32.3	—	30.4	7	31.7	32.5	31	30.6	7
		100	—	—	—	—	—	30.1	30.9	30	29.3	1	—	—	—	—	—	30.2	30.9	31	29.4	1
		200	—	—	—	—	—	27.6	28.4	13	26.8	1,2	—	—	—	—	—	27.6	28.4	31	26.8	1
	Delta Barrage	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	32.0	32.7	19,25	30.5	1,2	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	28.0	29.5	*	26.0	1	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	25.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—

* More than 3 days.

TABLE A 7. (*contd.*)—SOIL TEMPERATURES (°C) AT SELECTED DEPTHS AT FIXED HOURS

JULY 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	—	—	—	—	—	30.5	31.6	28	28.5	7	44.1	45.9	15	41.3	6	37.7	39.2	9	35.4	6
		10	—	—	—	—	—	31.5	32.7	28	29.8	7	36.9	38.0	30	35.0	7	37.5	38.6	30	35.6	6
		20	—	—	—	—	—	33.1	34.0	31	31.8	7	33.2	34.1	31	31.9	7	34.4	35.3	31	33.0	7
		50	—	—	—	—	—	32.9	33.7	31	32.0	1,2,8	32.8	33.7	31	32.0	*	32.8	33.6	31	31.9	1,2,7
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Upper Egypt	Seds	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	26.7	27.5	29,30,31	25.8	1	26.7	27.5	*	25.8	1	26.7	27.5	*	25.8	1
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Minya (A)	5	31.3	33.0	*	30.0	*	28.9	30.0	12	27.5	7	38.6	44.0	22,24	35.0	7	35.8	38.0	16,31	34.0	3,6,7
		10	34.0	35.6	17	33.0	7,8	32.1	34.0	17	31.0	7,8	36.1	38.0	16	34.0	7	36.7	38.0	16,31	35.0	7
		20	33.8	35.0	17	32.7	1	32.7	34.0	16,17,18	31.3	26	33.4	35.0	17	32.5	3,6	34.1	35.6	17	32.7	3
		50	33.2	34.1	18	32.5	1·8	33.2	33.8	16	32.5	1,22	33.0	34.0	17	32.5	1,2,8	33.1	34.2	17	32.5	2,7,8
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Mallawi	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	29.0	29.2	*	28.5	1,2,3	29.0	29.2	*	28.5	1,2,3	29.0	29.2	*	28.5	1,2,3
		100	—	—	—	—	—	26.5	27.0	*	26.0	*	26.5	27.0	*	26.0	*	26.5	27.0	*	26.0	*
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Shandaweel	5	—	—	—	—	—	—	—	—	—	—	31.5	32.0	*	30.5	8	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	28.9	29.9	25	28.1	2	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

* More than 3 days.

TABLE A 7. *(contd.)*— SOIL TEMPERATURES (°C) AT SELECTED DEPTHS AT FIXED HOURS
JULY 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	—	—	—	—	—	30.4	33.0	21	27.7	30	56.0	60.0	*	47.0	28	37.9	40.2	13	33.2	30
		10	—	—	—	—	—	31.8	33.5	21	30.0	30	41.8	44.0	21,29,30	38.7	27	39.2	40.7	21	37.0	29,31
		20	—	—	—	—	—	34.1	35.0	19,21,23	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	29.5	31.1	19	27.4	15	32.2	36.5	18	31.6	12	51.0	51.0	*	48.6	29	38.3	40.0	10,20	35.8	21
		10	34.9	36.9	19	33.3	3	31.7	33.2	19,21	30.0	30	42.0	44.8	18	40.0	29	41.2	43.6	18	39.0	26
		20	37.4	39.0	19	36.0	30	35.4	36.4	19,21	34.4	4	35.9	36.8	81,19	35.1	30	38.6	40.0	81	37.8	29
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Western Desert	Siwa	5	30.5	32.0	20	28.3	5	28.5	29.6	31	27.4	3,11	34.8	36.4	19	33.4	11	34.5	36.0	19	33.0	4,11
		10	31.2	32.6	20	28.8	30	29.3	30.8	20	28.1	5	33.1	34.4	19	31.9	11	34.0	35.4	19	32.2	11
		20	31.7	33.0	19,20	28.6	30	30.4	33.8	17	29.2	3	31.8	35.2	16	30.6	5,11	33.2	34.5	19	31.4	12
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bahariya . . .	5	31.4	33.2	15	29.0	7	28.3	30.0	15	26.0	7	38.9	40.9	16	34.3	7	37.2	39.5	31	34.2	6
		10	33.3	34.7	16	31.2	7	30.6	32.1	16	28.6	7	34.7	36.2	31	32.0	6	36.1	38.0	31	33.6	7
		20	34.8	35.8	16,18,12	33.1	8	33.6	34.7	16,18	31.2	1	33.8	34.9	31	31.9	7	35.1	36.2	18,20	33.4	7
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Farafra	5	31.8	34.0	21,30	26.2	1	29.9	31.9	21	24.8	1	37.7	40.1	31	33.0	1	34.4	37.4	31	31.6	1
		10	32.7	34.7	21	28.3	1	31.0	33.0	21	26.7	1	35.4	37.3	20	30.8	1	36.0	37.0	31	31,6	1
		20	33.8	35.4	21	31.1	1	32.7	34.4	21	29.8	1	33.2	34.7	20	30.0	1	34.6	36.1	20,31	31.5	1
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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

JULY 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.	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	0
	Sidi Barrani	0	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	3	0	0	0	0	0	0	0	0	0	0	25	0
	Ras El Hikma	0	0	0	0	0	0	1	1	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	28	0
	Ras El Teen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	0
	Alexandria (A)	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	22	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	6	0	1	0	0	0	0	0	0	0	0	29	0
	El Arish	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	19	0
	Ghazza	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	0
Lower Egypt	El Sirw	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sakha	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Mansoura	0	0	0	0	0	0	2	1	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	12	3	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	0	0	0	—	—
	Zagazig	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Abu Sueir (A)	0	0	0	0	0	0	16	2	0	0	1	0	0	0	0	0	0	29	0
	Banha	0	—	—	—	—	—	—	0	—	—	—	—	—	—	—	—	—	—	—
	Zaher (A)	0	0	0	0	0	0	3	1	2	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	0	0	0	—	—
	Inshas (A)	0	0	0	0	0	0	7	3	6	0	0	0	0	0	0	0	0	30	0
	Fayed (A)	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	—	—
	Kabrit (A)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	—
	Delta Barrage	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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

JULY 1962

District	Station	Precipitation				Frost	Thunder-storm	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		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)			
Cairo Area	Cairo . . . . . (A)	0	0	0	0	0	0	20	3	3	0	0	0	0	0	0	0	0	27	0
	Mostafa Helmi . (A)	0	0	0	0	0	0	11	2	8	0	1	0	0	0	0	0	0	28	0
	Almaza . . . . (A)	0	0	0	0	0	0	19	1	23	0	0	0	0	0	0	0	0	27	0
	Abbasiya . . . (H.Q.)	0	0	0	0	0	0	6	0	1	0	0	0	0	0	0	0	0	39	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	0	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	31	0
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	0	0	0	0	0	0	0	—	—
	Seds	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Minya . . . . . (A)	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	31	0
	Mallawi	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Asyout (Mangabad)(A)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	0
	Shandaweel	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Nag Hammadi . . .	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kena	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Luxor . . . . . (A)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	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	30	0
Western Desert	Siwa	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	31	0
	Bahariya	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	0
	Farafra	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	—
	Dakhla	0	0	0	0	0	0	0	0	4	0	1	0	0	0	0	0	0	31	0
	Kharga	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	0
Red Sea	Suez	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Abu Redes	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	—	—
	Tor.	0	0	0	0	0	0	0	0	1	0	3	0	0	0	0	0	0	31	0
	Hurghada	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	29	0
	Quseir	0	0	0	0	0	0	3	1	14	0	4	0	0	0	0	0	0	27	0
	Abul Kizan	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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

JULY — 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	25	0	1	1—10	71	23	10	1	0	1	3	13	15	24	144	110	415
					11—27	30	2	0	0	0	0	0	0	0	0	161	110	303
					28—47	0	0	0	0	0	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**	**25**	**10**	**1**	**0**	**1**	**3**	**13**	**15**	**24**	**305**	**220**	**718**
	Mersa Matruh (A)	1	2	0	1—10	44	10	0	0	0	0	0	7	25	104	90	56	336
					11—27	17	4	0	0	0	0	0	0	0	11	255	118	405
					28—47	0	0	0	0	0	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**	**14**	**0**	**0**	**0**	**0**	**0**	**7**	**25**	**115**	**345**	**174**	**741**
	Dekheila (A)	4	0	0	1—10	95	49	11	1	1	1	7	6	12	25	145	273	626
					11—27	25	0	0	0	0	0	0	0	0	0	48	41	114
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**120**	**49**	**11**	**1**	**1**	**1**	**7**	**6**	**12**	**25**	**193**	**314**	**740**
	Ras El Teen	23	0	59	1—10	87	23	2	4	1	0	0	0	7	18	126	255	523
					11—27	31	3	0	0	0	0	0	0	0	0	12	93	139
					28—47	0	0	0	0	0	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**	**26**	**2**	**4**	**1**	**0**	**0**	**0**	**7**	**18**	**138**	**348**	**662**
	Alexandria (A)	29	3	0	1—10	61	7	2	1	0	1	3	9	8	82	322	73	569
					11—27	14	0	0	0	0	0	0	0	0	3	111	15	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	**75**	**7**	**2**	**1**	**0**	**1**	**3**	**9**	**8**	**85**	**433**	**88**	**712**
	Port Said (A)	2	2	0	1—10	129	33	17	13	7	14	4	4	42	146	71	131	611
					11—27	33	6	2	0	0	0	0	0	0	2	10	76	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 speeds	**162**	**39**	**19**	**13**	**7**	**14**	**4**	**4**	**42**	**148**	**81**	**207**	**740**
	El Arish	8	3	0	1—10	120	50	8	5	9	54	47	99	60	13	69	178	712
					11—27	2	2	0	0	0	0	0	0	0	0	2	10	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	**122**	**52**	**8**	**5**	**9**	**54**	**47**	**99**	**60**	**13**	**71**	**188**	**728**
	Ghazza	1	21	50	1—10	64	20	28	19	30	111	40	8	33	53	61	97	564
					11—27	36	8	0	0	0	3	1	0	0	0	22	38	108
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**100**	**28**	**28**	**19**	**30**	**114**	**41**	**8**	**33**	**53**	**83**	**135**	**672**
Lower Egypt	Mansoura	4	5	1	1—10	50	53	12	10	8	5	3	43	93	128	148	144	697
					11—27	3	9	0	0	0	0	0	0	0	0	15	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	**53**	**62**	**12**	**10**	**8**	**5**	**3**	**43**	**93**	**128**	**163**	**154**	**734**
	Tanta	33	5	0	1—10	60	29	8	2	7	1	0	28	88	102	176	202	703
					11—27	2	0	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	**62**	**29**	**8**	**2**	**7**	**1**	**0**	**28**	**88**	**102**	**176**	**203**	**706**

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

JULY — 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	
Lower Egypt	Abu Sueir . . . (A)	80	0	32	1—10	61	57	10	11	5	5	5	43	93	82	150	90	526
					11—27	22	35	3	1	0	0	0	0	0	2	35	8	106
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**83**	**92**	**13**	**12**	**5**	**5**	**5**	**43**	**93**	**84**	**185**	**98**	**632**
	Zaher . . . . . (A)	29	0	0	1—10	121	19	11	2	9	9	3	28	88	125	142	182	699
					11—27	9	0	0	0	0	0	0	0	0	0	3	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	**130**	**19**	**11**	**2**	**9**	**9**	**3**	**28**	**88**	**125**	**145**	**186**	**715**
Cairo Area	Cairo . . . . . (A)	1	8	176	1—10	127	40	11	9	8	1	3	2	12	33	77	187	510
					11—27	17	9	0	0	1	0	0	0	0	2	10	10	49
					28—47	0	0	0	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	**144**	**49**	**11**	**9**	**9**	**1**	**3**	**2**	**12**	**35**	**87**	**197**	**559**
	Mostafa Helmi . (A)	0	3	0	1—10	104	70	22	4	5	4	2	3	1	13	134	74	436
					11—27	92	113	5	2	1	1	0	0	0	2	60	29	305
					28—47	0	0	0	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 peeds	**196**	**183**	**27**	**6**	**6**	**5**	**2**	**3**	**1**	**15**	**194**	**103**	**741**
	Almaza . . . . (A)	0	0	0	1—10	168	152	92	13	13	6	4	1	3	37	85	146	720
					11—27	4	10	9	1	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	**172**	**162**	**101**	**14**	**13**	**6**	**4**	**1**	**3**	**37**	**85**	**146**	**744**
	Abbasiya . . . (H.Q.)	16	4	0	1—10	138	101	14	4	3	5	3	2	10	25	95	297	724
					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	**138**	**101**	**14**	**4**	**3**	**5**	**3**	**2**	**10**	**25**	**95**	**297**	**724**
	Giza	29	8	0	1—10	265	82	14	2	3	4	3	1	1	12	47	248	682
					11—27	16	7	0	0	0	0	0	0	0	0	0	2	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	**281**	**89**	**14**	**2**	**3**	**4**	**3**	**1**	**1**	**12**	**47**	**250**	**707**
Upper Egypt	Fayoum	13	17	11	1—10	299	118	27	8	1	4	1	0	5	39	54	132	688
					11—27	2	1	0	0	0	0	0	0	0	0	0	1	4
					28—47	11	0	0	0	0	0	0	0	0	0	0	0	11
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**312**	**119**	**27**	**8**	**1**	**4**	**1**	**0**	**5**	**39**	**54**	**133**	**703**
	Minya . . . . . (A)	39	5	2	1—10	178	172	8	1	1	5	2	3	10	5	24	133	542
					11—27	52	89	0	0	0	0	0	0	0	0	1	14	156
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**230**	**261**	**8**	**1**	**1**	**5**	**2**	**3**	**10**	**5**	**25**	**147**	**698**
	Asyout . . . . . (A	7	0	40	1—10	50	3	4	3	2	3	2	1	12	159	209	139	587
					11—27	3	0	0	0	0	0	0	0	0	0	43	64	110
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**53**	**3**	**4**	**3**	**2**	**3**	**2**	**1**	**12**	**159**	**252**	**203**	**697**

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

JULY — 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	013 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
Luxor	54	5	0	1—10	120	56	8	7	6	11	22	48	59	63	52	200	652
				11—27	13	5	0	0	1	0	0	0	0	0	3	11	33
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**133**	**61**	**8**	**7**	**7**	**11**	**22**	**48**	**59**	**63**	**55**	**211**	**685**
Aswan	0	0	531	1—10	44	26	2	1	1	0	0	0	1	1	23	38	137
				11—27	11	7	0	0	0	0	0	0	0	2	22	34	76
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**55**	**33**	**2**	**1**	**1**	**0**	**0**	**0**	**1**	**3**	**45**	**72**	**213**
Siwa	77	10	3	1—10	100	107	72	32	18	7	1	2	10	27	60	90	526
				11—82	41	41	9	5	0	0	0	0	0	5	18	9	128
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥84	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**141**	**148**	**81**	**37**	**18**	**7**	**1**	**2**	**10**	**32**	**78**	**99**	**654**
Dakhla	5	3	11	1—10	40	6	6	9	3	3	12	19	58	134	146	187	623
				11—27	20	0	0	0	0	0	0	0	0	0	3	79	102
				28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**60**	**6**	**6**	**9**	**3**	**3**	**12**	**19**	**58**	**134**	**149**	**266**	**725**
Hurghada	5	5	0	1—10	36	21	15	9	30	36	1	2	0	17	112	32	311
				11—27	105	2	0	0	0	0	0	0	0	17	79	212	415
				28—47	0	0	0	0	0	0	0	0	0	0	0	8	8
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	**141**	**23**	**15**	**9**	**30**	**36**	**1**	**2**	**0**	**34**	**191**	**252**	**734**

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

SALLUM — JULY 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	4	0	0	0	0	0	0	0	0	1	3	4	12
				11—27	3	0	0	0	0	0	0	0	0	1	3	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	7	0	0	0	0	0	0	0	0	2	6	9	24
0300	4	0	0	1—10	6	0	0	0	0	0	0	0	1	1	3	5	16
				11—27	0	0	0	0	0	0	0	0	0	0	2	9	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	6	0	0	0	0	0	0	0	1	1	5	14	27
0600	7	0	0	1—10	3	0	0	0	0	0	0	0	0	1	3	10	17
				11—27	0	0	0	0	0	0	0	0	0	0	4	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	3	0	0	0	0	0	0	8	0	1	7	13	24
0900	1	0	0	1—10	2	5	3	2	0	0	0	0	0	0	1	1	14
				11—27	4	6	0	0	0	0	0	0	0	0	2	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	6	11	3	2	0	0	0	0	0	0	3	5	30
1200	0	0	0	1—10	1	1	2	0	0	0	0	0	0	0	2	0	6
				11—27	9	13	0	0	0	0	0	0	0	0	1	2	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	10	14	2	0	0	0	0	0	0	0	3	2	31
1500	0	0	0	1—10	4	1	1	0	0	0	0	0	0	0	1	1	8
				11—27	10	10	0	0	0	0	0	0	0	0	1	2	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	14	11	1	0	0	0	0	0	0	0	2	3	31
1800	3	0	0	1—10	8	1	1	0	0	0	0	0	0	0	0	4	14
				11—27	5	1	0	0	0	0	0	0	0	0	3	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	13	2	1	0	0	0	0	0	0	0	3	9	28
2100	8	0	0	1—10	6	0	1	0	0	0	0	0	0	0	2	6	15
				11—27	0	0	0	0	0	0	0	0	0	0	3	5	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	0	1	0	0	0	0	0	0	0	5	11	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) — JULY 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	0	0	0	0	0	0	0	3	11	3	2	21
				11—27	2	0	0	0	0	0	0	0	0	1	3	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	0	0	0	0	0	0	3	12	6	6	31
0400	1	0	0	1—10	1	0	0	0	0	0	0	1	2	14	2	3	23
				11—27	0	0	0	0	0	0	0	0	0	0	1	6	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	0	1	2	14	3	9	30
0600	0	0	0	1—10	3	0	0	0	0	0	0	1	0	2	4	5	16
				11—27	1	1	0	0	0	0	0	0	0	0	9	5	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	1	0	0	0	0	0	1	0	2	13	10	31
0900	0	0	0	1—10	1	0	0	0	0	0	0	0	0	0	0	7	8
				11—27	3	1	0	0	0	0	0	0	0	0	6	13	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	4	1	0	0	0	0	0	0	0	0	6	20	31
1200	0	0	0	1—10	2	0	0	0	0	0	0	0	0	0	1	3	6
				11—27	4	0	0	0	0	0	0	0	0	0	3	18	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	0	0	0	0	0	0	0	0	0	4	21	31
1500	0	0	0	1—10	2	1	0	0	0	0	0	0	0	0	0	2	5
				11—27	5	0	0	0	0	0	0	0	0	0	5	16	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	7	1	0	0	0	0	0	0	0	0	5	18	31
1800	1	0	0	1—10	2	1	0	0	0	0	0	0	0	0	6	5	14
				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	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	0	0	12	13	30
2100	1	0	0	1—10	1	0	0	0	0	0	0	0	1	2	4	6	19
				11—27	0	0	0	0	0	0	0	0	0	0	3	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	1	0	0	0	0	0	0	0	1	2	7	14	30

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

DEKHEILA (A) — JULY 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	2	1	0	0	0	0	1	0	1	2	8	15	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	1	0	0	0	0	1	0	1	2	8	15	30
0300	0	0	0	1—10	2	2	0	0	0	0	1	2	1	1	7	14	30
				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	2	0	0	0	0	1	2	1	1	8	14	31
0600	1	0	0	1—10	2	1	0	0	0	0	0	0	1	4	8	11	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	2	1	0	0	0	0	0	0	1	4	10	12	30
0900	0	0	0	1—10	2	3	1	0	0	0	0	0	1	2	7	10	26
				11—27	0	0	0	0	0	0	0	0	0	0	4	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	2	3	1	0	0	0	0	0	1	2	11	11	31
1200	0	0	0	1—10	3	2	0	0	0	0	0	0	0	0	3	7	15
				11—27	1	0	0	0	0	0	0	0	0	0	8	7	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	2	0	0	0	0	0	0	0	0	11	14	31
1500	0	0	0	1—10	4	1	0	0	0	0	0	0	0	0	2	12	19
				11—27	4	0	0	0	0	0	0	0	0	0	1	7	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	1	0	0	0	0	0	0	0	0	3	19	31
1800	0	0	0	1—10	5	3	1	1	0	0	0	0	0	0	0	17	27
				11—27	1	0	0	0	0	0	0	0	0	0	0	3	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	3	1	1	0	0	0	0	0	0	0	20	31
2100	1	0	0	1—10	2	1	1	0	0	1	0	0	0	0	3	21	29
				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	1	0	0	1	0	0	0	0	3	21	30

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

RAS EL TEEN — JULY 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	2	2	0	1	0	0	0	0	0	1	8	10	24
				11—27	0	1	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	2	3	1	1	0	0	0	0	0	1	8	15	30
0300	2	0	0	1—10	3	0	0	0	0	0	0	1	2	1	5	15	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	3	0	0	0	0	0	0	1	2	1	5	17	29
0300	2	0	0	1—10	2	2	0	0	0	0	0	0	0	3	12	8	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	2	2	0	0	0	0	0	0	0	3	12	10	29
0900	0	0	0	1—10	3	1	0	0	0	0	0	0	0	2	14	8	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	3	1	0	0	0	0	0	0	0	2	15	10	31
1200	0	0	0	1—10	3	0	0	0	0	0	0	0	0	0	8	6	17
				11—27	1	0	0	0	0	0	0	0	0	0	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	4	0	0	0	0	0	0	0	0	0	14	13	31
1500	0	0	0	1—10	1	1	0	0	0	0	0	0	0	0	3	10	15
				11—27	4	1	0	0	0	0	0	0	0	0	1	10	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	5	2	0	0	0	0	0	0	0	0	4	20	31
1800	0	0	0	1—10	4	4	1	0	0	0	0	0	0	0	0	13	20
				11—27	0	0	0	0	0	0	0	0	0	0	0	9	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	4	1	0	0	0	0	0	0	0	0	22	31
2100	3	0	0	1—10	1	1	0	0	0	0	0	0	0	0	3	16	21
				11—27	2	0	0	0	0	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	3	1	0	0	0	0	0	0	0	0	3	21	28

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

ALEXANDRIA (A) — JULY 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	0	0	0	0	1	1	0	0	3	18	4	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	0	1	1	0	0	3	18	4	28
0300	6	0	0	1—10	1	0	0	0	0	1	0	0	1	8	9	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	1	0	0	0	0	1	0	0	1	8	9	5	25
0600	0	0	0	1—10	0	1	1	0	0	0	0	2	1	8	12	6	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	0	1	1	0	0	0	0	2	1	8	12	6	31
0900	0	0	0	1—10	0	0	0	0	0	0	0	2	0	6	10	6	24
				11—27	1	0	0	0	0	0	0	0	0	2	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	1	0	0	0	0	0	0	2	0	8	14	6	31
1200	0	0	0	1—10	2	0	0	0	0	0	0	0	0	2	7	2	13
				11—27	2	0	0	0	0	0	0	0	0	5	7	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	0	0	0	0	0	0	0	0	7	14	6	31
1500	0	0	0	1—10	2	0	0	0	0	0	0	0	0	0	6	6	14
				11—27	0	0	0	0	0	0	0	0	0	1	12	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	2	0	0	0	0	0	0	0	0	1	18	10	31
1800	1	0	0	1—10	4	2	0	0	0	0	0	0	0	0	16	6	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	4	2	0	0	0	0	0	0	0	0	17	7	30
2100	6	0	0	1—10	1	0	0	0	0	0	0	0	0	2	17	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	1	0	0	0	0	0	0	0	0	2	17	5	25

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

PORT SAID (A)—JULY 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	1	0	1	1	2	0	0	1	9	3	7	27
				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	2	1	0	1	1	2	0	0	1	9	5	7	29
0300	1	0	0	1—10	1	1	0	0	1	3	1	0	6	11	4	2	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	1	0	0	1	3	1	0	6	11	4	2	30
0600	0	0	0	1—10	2	1	0	1	0	0	0	0	8	13	3	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	2	1	0	1	0	0	0	0	8	13	3	3	31
0900	0	0	0	1—10	3	3	0	0	0	0	0	1	5	8	1	8	29
				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	3	3	0	0	0	0	0	1	5	8	1	10	31
1200	0	0	0	1—10	16	1	0	0	0	0	0	0	1	1	1	3	23
				11—27	2	0	0	1	0	0	0	0	0	0	0	5	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	1	0	1	0	0	0	0	1	1	1	8	31
1500	0	0	0	1—10	9	0	2	0	0	0	0	0	0	0	0	1	12
				11—27	8	0	0	0	0	0	0	0	0	0	0	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	17	0	2	0	0	0	0	0	0	0	0	12	31
1800	0	0	0	1—10	10	2	1	0	0	0	0	0	0	0	0	9	22
				11—27	1	1	0	0	0	0	0	0	0	0	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	11	3	1	0	0	0	0	0	0	0	0	16	31
2100	0	0	0	1—10	4	2	1	1	2	0	0	0	0	3	6	9	28
				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	5	2	1	1	2	0	0	0	0	3	6	11	31

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

EL ARISH — JULY 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	1	0	0	0	4	4	10	7	0	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	1	1	0	0	0	4	4	10	7	0	0	2	29
0300	1	0	0	1—10	1	1	0	0	1	7	2	15	3	0	0	0	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	1	0	0	1	7	2	15	3	0	0	0	30
0600	1	0	0	1—10	0	1	1	1	1	3	1	5	9	6	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	0	1	1	1	1	3	1	5	9	6	1	1	30
0900	0	0	0	1—10	4	2	0	0	0	0	0	0	0	1	11	13	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	2	0	0	0	0	0	0	0	1	11	13	31
1200	0	0	0	1—10	5	0	0	0	0	0	0	0	0	0	2	21	28
				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	6	0	0	0	0	0	0	0	0	0	3	22	31
1500	0	0	0	1—10	11	2	0	0	0	0	0	0	0	0	2	16	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	11	2	0	0	0	0	0	0	0	0	2	16	31
1800	3	0	0	1—10	11	7	1	0	0	0	0	0	0	0	0	9	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	11	7	1	0	0	0	0	0	0	0	0	9	28
2100	8	0	0	1—10	4	1	1	0	1	3	4	0	2	1	5	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	1	1	0	1	3	4	0	2	1	5	1	23

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

GHAZZA — JULY 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	1	0	1	3	15	6	0	0	0	0	2	29
				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	1	0	1	3	16	6	0	0	0	0	2	30
0300	0	0	0	1—10	0	0	1	1	2	23	2	0	0	0	0	0	29
				11—27	0	0	0	0	0	0	2	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	0	1	1	2	23	4	0	0	0	0	0	31
0600	1	0	0	1—10	1	1	0	0	1	2	5	5	11	1	3	0	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	1	0	0	1	2	5	5	11	1	3	0	30
0900	0	0	0	1—10	0	0	0	0	0	0	0	0	1	12	5	7	25
				11—27	0	0	0	0	0	0	0	0	1	5	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	0	0	0	0	0	0	0	2	17	5	7	31
1200	0	0	0	1—10	0	0	0	0	0	0	0	0	0	2	5	4	11
				11—27	3	0	0	0	0	0	0	0	0	1	11	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	3	0	0	0	0	0	0	0	0	3	16	9	31
1500	0	0	0	1—10	5	0	0	0	0	0	0	0	0	0	2	12	19
				11—27	5	1	0	0	0	0	0	0	0	0	2	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	10	1	0	0	0	0	0	0	0	0	4	16	31
1800	1	0	0	1—10	8	1	4	1	0	0	0	0	0	0	1	9	24
				11—27	1	3	0	0	0	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 speeds	9	4	4	1	0	0	0	0	0	0	1	11	30
2100	4	0	0	1—10	1	0	4	4	4	3	0	1	0	2	3	3	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	3	0	4	4	4	3	0	1	0	2	3	3	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) — JULY 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	14	0	0	1—10	1	0	0	0	1	2	0	0	0	5	5	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	1	0	0	0	1	2	0	0	0	5	5	3	17
0300	14	0	0	1—10	0	0	0	0	0	1	0	0	6	7	1	2	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	0	0	0	0	0	1	0	0	6	7	1	2	17
0600	10	0	0	1—10	1	2	0	0	0	0	0	0	7	4	6	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	1	2	0	0	0	0	0	0	7	4	6	1	21
0900	5	0	0	1—10	0	3	2	0	0	0	0	0	2	8	7	3	25
				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	3	2	0	0	0	0	0	2	8	8	3	26
1200	2	0	1	1—10	4	2	1	0	0	0	0	0	2	2	6	5	22
				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	2	1	0	0	0	0	0	2	3	8	8	28
1500	0	0	0	1—10	1	2	0	0	0	0	0	0	1	0	6	6	16
				11—27	2	4	0	0	0	0	0	0	0	0	1	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	6	0	0	0	0	0	0	1	0	7	14	31
1800	0	0	0	1—10	7	3	0	0	0	0	0	0	0	0	1	5	16
				11—27	3	7	1	0	0	0	0	0	0	0	0	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	10	10	1	0	0	0	0	0	0	0	1	9	31
2100	6	0	0	1—10	0	6	2	1	0	0	0	0	0	0	4	11	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	0	6	2	1	0	0	0	0	0	1	4	11	25

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

CAIRO (A) — JULY 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	6	1	1	2	1	0	1	0	1	3	4	6	26
				11—27	1	0	0	0	1	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	7	1	1	2	2	0	1	0	1	3	4	6	28
0300	4	0	0	1—10	7	2	1	1	0	1	0	0	2	4	5	4	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	0	1	0	0	2	4	5	4	27
0600	0	0	1	1—10	4	2	1	0	0	0	1	0	2	5	7	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	4	3	1	0	0	0	1	0	2	5	7	7	30
0900	0	0	1	1—10	1	2	0	0	0	0	0	0	1	5	9	11	29
				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	2	0	0	0	0	0	0	1	6	9	11	30
1200	0	0	0	1—10	3	0	0	0	0	0	0	0	0	4	8	14	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	4	0	0	0	0	0	0	0	0	4	8	15	31
1500	0	0	0	1—10	5	0	0	0	0	0	0	0	0	0	1	13	19
				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	11	0	0	0	0	0	0	0	0	0	1	19	31
1800	0	0	0	1—10	12	4	0	0	0	0	0	0	0	0	3	5	24
				11—27	5	1	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	17	5	0	0	0	0	0	0	0	0	3	6	31
2100	0	0	0	1—10	11	7	1	0	0	0	0	0	0	0	3	7	29
				11—27	1	0	0	1	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	12	7	1	1	0	0	0	0	0	0	3	7	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) — JULY 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	5	2	2	0	2	0	0	0	0	1	2	12	26
				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
				All speeds	**6**	**2**	**2**	**0**	**2**	**0**	**0**	**0**	**0**	**1**	**4**	**13**	**30**
0300	0	0	0	1—10	4	1	0	1	0	1	0	0	0	0	11	12	30
				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	**4**	**1**	**0**	**1**	**0**	**1**	**0**	**0**	**0**	**0**	**11**	**13**	**31**
0600	0	0	0	1—10	6	1	1	0	0	0	1	0	0	1	4	11	25
				11—27	2	1	0	0	0	0	0	0	0	0	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	**8**	**2**	**1**	**0**	**0**	**0**	**1**	**0**	**0**	**1**	**4**	**14**	**31**
0900	0	0	0	1—10	5	6	1	0	0	0	0	0	0	1	6	7	26
				11—27	0	2	0	0	0	0	0	0	0	0	0	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**	**8**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**6**	**10**	**31**
1200	1	0	0	1—10	6	3	0	0	0	0	0	0	0	2	2	4	17
				11—27	5	4	0	0	0	0	0	0	0	0	2	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	**11**	**7**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**4**	**6**	**30**
1500	0	0	0	1—10	0	6	1	0	0	0	0	0	0	0	1	0	8
				11—27	7	13	0	0	0	0	0	0	0	0	2	1	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	**7**	**19**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**3**	**1**	**31**
[illegible]	0	0	0	1—10	0	3	1	0	0	0	0	0	0	0	0	0	4
				11—27	20	3	0	0	0	0	0	0	0	0	1	3	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	**20**	**6**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**3**	**31**
2100	0	0	0	1—10	8	4	2	0	0	0	0	0	0	0	0	2	16
				11—27	6	2	1	1	0	0	0	0	0	0	1	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	**14**	**6**	**3**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**6**	

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

ALMAZA (A) — JULY 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	3	7	3	0	2	1	0	0	0	1	5	4	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	7	3	0	2	1	0	0	0	1	5	4	26
0300	7	0	0	1—10	6	3	5	0	1	0	0	0	0	3	2	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	6	3	5	0	1	0	0	0	0	3	2	4	24
0600	2	0	0	1—10	2	7	5	0	0	0	0	0	2	3	6	4	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	7	5	0	0	0	0	0	2	3	6	4	29
0900	0	0	0	1—10	8	6	0	1	0	0	0	0	0	3	7	4	29
				11—27	0	1	1	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	7	1	1	0	0	0	0	0	3	7	4	31
1200	0	0	0	1—10	9	4	1	0	0	0	0	0	0	1	7	8	30
				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	9	5	1	0	0	0	0	0	0	1	7	8	31
1500	0	0	0	1—10	11	7	1	0	0	0	0	0	0	0	1	7	27
				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	11	10	2	0	0	0	0	0	0	0	1	7	31
1800	0	0	0	1—10	8	11	2	0	0	0	0	0	0	0	1	4	26
				11—27	0	3	2	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	8	14	4	0	0	0	0	0	0	0	1	4	31
2100	1	0	0	1—10	5	11	6	1	0	0	0	0	0	0	1	4	28
				11—27	0	1	0	1	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	5	12	6	2	0	0	0	0	0	0	1	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)—JULY 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	5	1	0	0	1	0	0	0	0	1	7	7	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	1	0	0	1	0	0	0	0	1	7	7	22
0300	11	0	0	1—10	4	0	0	0	0	0	0	0	2	2	3	9	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 speeed	4	0	0	0	0	0	0	0	2	2	3	9	20
0600	1	0	0	1—10	8	4	0	0	0	1	1	0	1	5	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	8	4	0	0	0	1	1	0	1	5	4	6	30
0900	0	0	0	1—10	6	3	0	0	0	0	0	0	0	6	4	12	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	6	3	0	0	0	0	0	0	0	6	4	12	31
1200	0	0	0	1—10	13	0	0	0	0	0	0	0	0	2	5	11	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	13	0	0	0	0	0	0	0	0	2	5	11	31
1500	0	0	0	1—10	15	3	0	0	0	0	0	0	0	0	0	12	30
				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	15	3	0	0	0	0	0	0	0	0	0	13	31
1800	3	0	0	1—10	11	3	1	0	0	0	0	0	0	0	0	12	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	12	3	1	0	0	0	0	0	0	0	0	12	28
2100	2	0	0	1—10	13	2	2	1	0	0	0	0	0	0	2	9	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	13	2	2	1	0	0	0	0	0	0	2	9	29

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

GIZA — JULY 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	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	1	0	0	1-10	8	3	0	0	0	1	1	0	0	2	3	12	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	0	0	0	1	1	0	0	2	3	12	30
0900	0	0	0	1-10	8	2	1	0	0	0	0	1	0	2	8	9	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	8	2	1	0	0	0	0	1	0	2	8	9	31
1200	0	0	0	1-10	6	7	1	0	0	0	0	0	1	0	6	7	28
				11-27	2	0	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	8	7	1	0	0	0	0	0	1	0	6	8	31
1500	0	0	0	1-10	8	10	1	0	0	0	0	0	0	0	0	4	23
				11-27	5	2	0	0	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	13	12	1	0	0	0	0	0	0	0	0	5	31
1800	1	0	0	1-10	11	7	2	0	0	0	0	0	0	0	0	8	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	11	9	2	0	0	0	0	0	0	0	0	8	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 DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

HELWAN — JULY 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
0000	0	0	0	1—10	8	3	2	1	0	0	0	0	0	1	2	12
				11—27	1	1	0	0	0	0	0	0	0	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	9	4	2	1	0	0	0	0	0	1	2	12
0300	7	0	0	1—10	11	4	2	0	0	0	0	0	0	0	2	5
				11—27	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
				≥48	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	11	4	2	0	0	0	0	0	0	0	2	5
0600	7	0	0	1—10	8	2	0	1	0	0	0	0	0	0	3	8
				11—27	1	1	0	0	0	0	0	0	0	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	9	3	0	1	0	0	0	0	0	0	3	8
0900	0	0	0	1—10	2	3	0	0	0	0	0	0	0	2	5	9
				11—27	3	1	0	0	0	0	0	0	0	1	1	4
				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	5	4	0	0	0	0	0	0	0	3	6	13
1200	1	0	0	1—10	0	3	0	0	0	0	0	0	0	0	4	6
				11—27	2	0	0	0	0	0	0	0	1	3	7	4
				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	3	0	0	0	0	0	0	1	3	11	10
1500	1	0	0	1—10	3	0	0	0	0	0	0	0	0	3	5	2
				11—27	5	0	0	0	0	0	0	0	0	1	4	7
				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	0	0	0	0	0	0	0	0	4	9	9
1800	1	0	0	1—10	7	1	1	0	0	0	0	0	0	0	1	2
				11—27	12	1	0	0	0	0	0	0	0	0	1	4
				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	19	2	1	0	0	0	0	0	0	0	2	6
2100	0	0	0	1—10	3	6	1	0	0	0	0	0	0	0	0	2
				11—27	5	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
				≥48	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	8	11	2	0	0	0	0	0	0	0	0	10

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

MINYA (A) JULY 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	15	4	0	0	0	0	0	0	0	0	1	3	23
				11—27	2	3	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	17	7	0	0	0	0	0	0	0	0	1	3	28
0300	4	0	0	1—10	11	1	0	0	0	0	0	0	0	0	2	10	24
				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	14	1	0	0	0	0	0	0	0	0	2	10	27
0600	1	0	0	1—10	12	5	0	0	0	0	1	1	0	0	0	5	24
				11—27	4	1	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	16	6	0	0	0	0	1	1	0	0	0	6	30
0900	1	0	0	1—10	7	5	0	0	0	0	0	0	0	1	2	8	23
				11—27	5	2	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	12	7	0	0	0	0	0	0	0	1	2	8	30
1200	2	0	0	1—10	3	7	3	0	0	0	0	0	0	0	0	2	15
				11—27	3	9	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	6	16	3	0	0	0	0	0	0	0	0	4	29
1500	1	0	0	1—10	2	20	0	0	0	0	0	0	1	0	1	1	25
				11—27	2	2	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	4	22	0	0	0	0	0	0	1	0	2	1	30
1800	13	0	0	1—10	12	4	0	0	0	0	0	0	0	1	0	1	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	12	4	0	0	0	0	0	0	0	1	0	1	18
2100	5	0	0	1—10	15	2	0	0	0	0	0	0	0	0	0	2	19
				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	18	6	0	0	0	0	0	0	0	0	0	2	26

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

ASYOUT (A) — JULY 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	0	0	1	21	2	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	0	0	0	0	0	0	0	0	1	21	3	0	25
0300	2	0	0	1—10	0	0	0	0	0	0	1	1	1	20	6	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	0	0	1	1	1	20	6	0	29
0600	8	0	0	1—10	19	0	0	0	0	0	0	0	0	0	0	3	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	20	0	0	0	0	0	0	0	0	0	0	3	23
0900	1	0	0	1—10	4	0	1	0	0	0	0	0	0	0	7	10	22
				11—27	0	0	0	0	0	0	0	0	0	0	3	5	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	1	0	0	0	0	0	0	0	10	15	30
1200	0	0	0	1—10	4	0	0	0	0	0	0	0	0	0	2	7	13
				11—27	0	0	0	0	0	0	0	0	0	0	12	6	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	0	0	0	0	0	0	0	0	0	14	13	31
1500	0	0	0	1—10	3	0	0	0	0	0	0	0	0	0	3	18	24
				11—27	0	0	0	0	0	0	0	0	0	0	5	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	0	0	0	0	0	8	20	31
1800	7	0	0	1—10	3	1	0	0	0	0	0	0	0	2	15	3	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	3	1	0	0	0	0	0	0	0	2	15	3	24
2100	7	0	0	1—10	1	0	0	1	0	0	0	0	3	11	6	1	23
				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	0	0	1	0	0	0	0	3	12	6	1	24

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

LUXOR (A) — JULY 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	1	1	0	1	0	1	2	6	3	2	1	1	19
				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	1	0	1	0	1	2	6	3	2	1	2	20
0300	14	0	0	1—10	2	0	0	0	0	0	1	2	7	5	0	0	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	0	0	0	0	0	1	2	7	5	0	0	17
0600	13	0	0	1—10	4	2	0	0	0	0	0	1	0	4	6	1	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	4	2	0	0	0	0	0	1	0	4	6	1	18
0900	1	0	0	1—10	8	4	0	0	0	0	0	0	0	0	1	13	26
				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	9	5	0	0	0	0	0	0	0	0	1	15	30
1200	1	0	0	1—10	5	6	0	1	0	0	0	0	1	1	3	8	25
				11—27	3	0	0	0	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	8	6	0	1	0	0	0	0	1	1	3	10	30
1500	3	0	0	1—10	13	1	0	0	0	0	0	0	0	1	0	11	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	2	0	0	0	0	0	0	0	1	0	11	28
1800	7	0	0	1—10	7	0	0	0	0	0	0	0	0	0	4	11	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	0	0	0	0	0	0	0	0	0	4	13	24
2100	10	0	0	1—10	2	1	2	1	0	0	3	1	7	1	0	3	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	2	1	2	1	0	0	3	1	7	1	0	3	21

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

ASWAN (A) — JULY 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	5	2	1	0	0	0	0	0	0	1	7	5	21
				11—27	0	0	0	0	0	0	0	0	1	0	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	5	2	1	0	0	0	0	0	1	1	11	7	28
0300	9	0	0	1—10	7	0	0	0	0	0	0	1	1	1	3	4	17
				11—27	0	0	0	0	0	0	0	0	0	0	4	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	7	0	0	0	0	0	0	1	1	1	7	5	22
0600	3	0	0	1—10	6	4	1	0	0	1	1	1	1	2	0	1	18
				11—27	6	0	0	0	0	0	0	0	0	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	12	4	1	0	0	1	1	1	1	2	0	5	28
0900	1	0	0	1—10	5	1	3	0	0	0	1	0	0	5	0	2	17
				11—27	5	1	0	0	0	0	0	0	0	2	0	3	11
				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	12	2	3	0	0	0	1	0	0	7	0	5	30
1200	1	0	0	1—10	1	1	0	0	0	0	0	1	4	3	2	2	14
				11—27	5	0	0	0	0	0	0	0	0	5	3	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	6	1	0	0	0	0	0	1	4	8	5	5	30
1500	1	0	0	1—10	2	2	0	0	0	0	0	0	1	2	1	0	8
				11—27	2	2	0	0	0	0	0	0	2	2	8	6	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	4	4	0	0	0	0	0	0	3	4	9	6	30
1800	0	0	0	1—10	1	2	0	0	0	0	0	0	2	5	3	4	17
				11—27	3	0	0	0	0	0	0	0	0	1	6	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	4	2	0	0	0	0	0	0	2	6	9	8	31
2100	1	0	0	1—10	3	1	0	0	0	0	0	0	1	4	10	4	23
				11—27	1	0	0	0	0	0	0	0	1	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	0	0	0	0	0	0	2	4	13	6	30

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

SIWA — JULY 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	3	9	6	6	0	0	0	0	0	0	0	1	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	3	9	6	6	0	0	0	0	0	0	0	1	25
0300	19	0	0	1—10	3	3	1	1	0	0	0	0	0	2	0	2	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	3	3	1	1	0	0	0	0	0	2	0	2	12
0600	10	0	0	1—10	4	3	0	2	2	0	0	0	1	2	2	3	19
				11—27	1	0	0	1	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	5	3	0	3	2	0	0	0	1	2	2	3	21
0900	2	0	0	1—10	4	5	1	2	3	0	0	0	0	1	4	9	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	4	5	1	2	3	0	0	0	0	1	4	9	29
1200	0	0	0	1—10	6	3	1	0	0	0	0	0	0	1	4	11	26
				11—27	3	0	0	0	0	0	0	0	0	1	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	3	1	0	0	0	0	0	0	2	4	12	31
1500	0	0	0	1—10	8	1	2	0	0	0	0	0	0	1	2	5	19
				11—27	4	2	1	0	0	0	0	0	0	1	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	12	3	3	0	0	0	0	0	0	2	3	8	31
1800	5	0	0	1—10	1	7	1	0	0	0	0	0	1	2	3	3	18
				11—27	1	4	0	0	0	0	0	0	0	0	3	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	11	1	0	0	0	0	0	1	2	6	3	26
2100	4	0	0	1—10	2	5	7	1	0	0	0	0	0	2	0	1	18
				11—27	0	5	3	1	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	2	10	10	2	0	0	0	0	0	2	0	1	27

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

BAHARIYA — JULY 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	12	6	1	0	0	0	0	0	1	0	0	3	23
				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	13	7	1	0	0	0	0	0	1	0	0	3	25
0300	15	0	0	1—10	10	3	[illegible]	0	0	0	0	0	0	0	0	1	15
				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	11	3	1	0	0	0	0	0	0	0	0	1	16
0600	15	0	0	1—10	10	3	0	0	0	0	0	0	0	0	0	2	15
				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	11	3	0	0	0	0	0	0	0	0	0	2	16
0900	1	0	0	1—10	14	4	0	1	0	0	0	0	0	1	0	8	28
				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	15	5	0	1	0	0	0	0	0	1	0	8	30
1200	0	0	0	1—10	10	1	1	0	0	0	0	0	0	1	2	7	22
				11—27	6	1	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	16	2	1	0	0	0	0	0	0	1	2	9	31
1500	1	0	0	1—10	11	1	0	0	0	0	0	0	0	0	2	8	22
				11—27	5	0	0	0	0	0	0	0	0	0	0	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	16	1	0	0	0	0	0	0	0	0	2	11	30
1800	1	0	0	1—10	11	2	0	0	0	0	0	0	0	0	1	14	28
				11—27	1	0	0	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	12	2	0	0	0	0	0	0	0	0	2	14	30
2100	7	0	0	1—10	12	5	1	0	0	0	0	0	0	0	1	5	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	12	5	1	0	0	0	0	0	0	0	1	5	24

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

FARAFRA — JULY 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	0	0	0	0	0	0	0	1	2	2	3	15
				11—27	8	0	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	15	0	0	0	0	0	0	0	1	2	2	3	23
0300	13	0	0	1—10	17	0	0	0	0	0	0	0	0	0	0	1	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	17	0	0	0	0	0	0	0	0	0	0	1	18
0600	12	0	0	1—10	10	4	0	0	0	0	0	0	1	0	0	1	16
				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	13	4	0	0	0	0	0	0	1	0	0	1	19
0900	3	0	0	1—10	11	4	0	1	0	0	0	0	0	0	0	6	22
				11—27	3	1	0	0	0	0	0	0	0	1	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	5	0	1	0	0	0	0	0	1	0	7	28
1200	1	0	0	1—10	2	0	0	0	0	0	0	0	0	2	2	14	20
				11—27	5	1	0	0	0	0	0	0	0	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	7	1	0	0	0	0	0	0	0	2	2	18	30
1500	1	0	1	1—10	5	0	0	0	0	0	0	0	0	0	2	8	15
				11—27	6	0	0	0	0	0	0	0	0	1	2	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	11	0	0	0	0	0	0	0	0	1	4	13	29
1800	0	0	0	1—10	9	1	0	0	0	0	0	0	0	0	3	16	29
				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	11	1	0	0	0	0	0	0	0	0	3	16	31
2100	4	0	0	1—10	13	0	0	0	0	0	0	0	0	1	2	10	26
				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	14	0	0	0	0	0	0	0	0	1	2	10	27

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

DAKHLA — JULY 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	3	0	0	0	0	0	0	1	3	12	5	1	[illegible]
				11—27	0	0	0	0	0	0	0	1	3	1	0	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	0	0	0	0	0	0	2	6	13	5	2	[illegible]
0300	1	0	0	1—10	0	1	0	2	0	1	0	2	5	11	1	3	[illegible]
				11—27	0	0	0	0	0	0	1	2	1	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	0	1	0	2	0	1	1	4	6	11	1	3	[illegible]
0600	1	0	0	1—10	0	0	1	1	0	1	1	0	1	8	7	5	[illegible]
				11—27	1	0	0	1	0	0	0	1	0	0	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	1	0	1	2	0	1	1	1	1	8	9	5	[illegible]
0900	0	0	0	1—10	1	4	0	0	0	0	0	0	0	3	8	9	
				11—27	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	
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	
				All speeds	3	4	0	0	0	0	0	0	0	3	8	13	
1200	0	0	0	1—10	5	0	0	0	1	0	1	0	1	0	3	9	
				11—27	5	1	0	0	0	0	0	0	0	0	2	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	
				All speeds	10	1	0	0	1	0	1	0	1	0	5	12	
1500	0	0	0	1—10	5	0	0	0	0	0	0	0	1	1	3	4	
				11—27	6	2	0	0	0	0	0	0	0	0	1	8	
				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	11	2	0	0	0	0	0	0	1	1	4	12	
1800	1	0	0	1—10	13	1	0	0	0	0	0	0	0	1	3	11	
				11—27	1	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	
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	
				All speeds	14	1	0	0	0	0	0	0	0	1	3	11	
2100	1	0	0	1—10	2	0	0	0	1	0	1	0	2	4	12	7	
				11—27	1	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	
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	
				All speeds	3	0	0	0	1	0	1	0	2	4	12	7	

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

KHARGA — JULY 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	26	0	0	1—10	4	1	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 speeds	4	1	0	0	0	0	0	0	0	0	0	0	5
0300	27	0	0	1—10	4	0	0	0	0	0	0	0	0	0	0	0	4
				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	0	0	0	0	0	0	0	0	4
0600	22	0	0	1—10	7	0	0	0	0	0	0	0	0	0	0	0	7
				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	0	0	0	0	0	0	0	9
0900	8	0	0	1—10	18	1	0	0	0	0	0	0	0	0	0	1	20
				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	21	1	0	0	0	0	0	0	0	0	0	1	23
1200	9	0	0	1—10	16	1	0	0	0	0	0	0	0	0	0	1	18
				11—27	3	0	0	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	19	1	0	0	0	0	0	0	0	0	1	1	23
1500	8	0	0	1—10	14	3	0	0	0	0	0	0	0	0	0	0	17
				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	20	3	0	0	0	0	0	0	0	0	0	0	23
1800	22	0	0	1—10	8	0	0	0	0	0	0	0	0	0	0	0	8
				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 sppeds	9	0	0	0	0	0	0	0	0	0	0	0	9
2100	26	0	0	1—10	3	2	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 speeds	3	2	0	0	0	0	0	0	0	0	0	0	5

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

TOR — JULY 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	1	0	0	1	0	0	0	0	1	6	3	12
				11—27	0	0	0	0	0	0	0	0	0	0	15	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**	**1**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**1**	**21**	**3**	**27**
0300	11	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	1	8	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**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**15**	**4**	**20**
0600	4	0	0	1—10	0	0	0	0	0	0	0	0	0	5	9	1	15
				11—27	0	0	0	0	0	0	0	0	0	0	11	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**	**0**	**0**	**0**	**0**	**0**	**0**	**5**	**20**	**2**	**27**
0900	0	0	0	1—10	0	0	0	0	0	0	0	2	3	3	3	0	11
				11—27	0	0	0	0	0	0	0	0	0	4	14	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**	**0**	**2**	**3**	**7**	**17**	**2**	**31**
1200	0	0	0	1—10	0	0	0	0	0	0	0	3	1	3	4	0	11
				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**	**0**	**3**	**1**	**7**	**20**	**0**	**31**
1500	1	0	0	1—10	1	0	0	0	0	0	0	4	0	1	10	2	17
				11—27	0	0	0	0	0	0	0	0	0	1	9	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	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**4**	**0**	**2**	**19**	**4**	**30**
1800	5	0	0	1—10	0	0	1	0	0	1	0	0	0	3	10	3	18
				11—27	0	0	0	0	0	0	0	0	0	0	7	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	**0**	**0**	**1**	**0**	**0**	**1**	**0**	**0**	**0**	**3**	**17**	**4**	**26**
2100	5	0	0	1—10	0	2	0	0	1	1	0	0	0	3	5	2	14
				11—27	0	0	0	0	0	0	0	0	0	1	10	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**	**2**	**0**	**0**	**1**	**1**	**0**	**0**	**0**	**4**	**15**	**3**	**26**

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

HURGHADA — JULY 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	0	0	2	12	4	19
				11—27	0	0	0	0	0	0	0	0	0	2	4	4	10
				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	1	0	0	0	0	0	4	16	9	30
0300	1	0	0	1—10	0	0	0	0	0	0	0	0	0	0	14	1	15
				11—27	0	0	0	0	0	0	0	0	0	0	5	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	0	0	0	0	0	0	0	0	0	0	19	11	30
0600	1	0	0	1—10	1	1	0	0	0	0	0	0	0	0	0	3	5
				11—27	0	0	0	0	0	0	0	0	0	0	2	21	23
				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	1	0	0	0	0	0	0	0	0	2	26	30
0900	0	0	0	1—10	2	5	0	2	0	0	0	0	0	0	0	0	9
				11—27	10	1	0	0	0	0	0	0	0	0	0	11	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	6	0	2	0	0	0	0	0	0	0	11	31
1200	0	0	0	1—10	2	2	2	2	1	1	0	0	0	0	0	0	10
				11—27	14	2	0	0	0	0	0	0	0	0	0	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	4	2	2	1	1	0	0	0	0	0	5	31
1500	0	0	0	1—10	4	3	1	1	1	5	0	0	0	0	0	1	16
				11—27	3	0	0	0	0	0	0	0	0	0	0	12	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	3	1	1	1	5	0	0	0	0	0	13	31
1800	1	0	0	1—10	0	0	0	0	0	6	1	0	0	1	4	4	16
				11—27	0	0	0	0	0	0	0	0	0	0	3	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	0	0	0	0	0	6	1	0	0	1	7	15	30
2100	2	0	0	1—10	0	0	0	0	0	4	0	0	0	2	5	0	11
				11—27	0	0	0	0	0	0	0	0	0	6	7	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	0	0	0	0	0	4	0	0	0	8	12	5	29

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

QUSEIR — JULY 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	0	0	0	7	8	3	18
				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**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**7**	**8**	**5**	**20**
0300	3	0	0	1—10	1	0	0	0	0	0	0	0	0	9	10	5	25
				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**	**0**	**0**	**0**	**0**	**0**	**0**	**9**	**10**	**7**	**28**
0600	1	0	0	1—10	9	1	0	0	0	0	0	0	0	0	1	2	13
				11—27	6	0	0	0	0	0	0	0	0	0	0	11	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	**15**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**13**	**30**
0900	0	0	0	1—10	0	3	0	1	0	0	0	0	0	0	0	1	5
				11—27	21	1	0	0	0	0	0	0	0	0	0	4	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	**21**	**4**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**5**	**31**
1200	0	0	0	1—10	4	4	4	0	1	0	0	0	0	1	0	0	14
				11—27	13	2	0	0	0	0	0	0	0	0	0	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	**17**	**6**	**4**	**0**	**1**	**0**	**0**	**0**	**0**	**1**	**0**	**2**	**31**
1500	0	0	0	1—10	11	0	5	3	1	0	0	0	0	2	4	0	26
				11—27	2	0	0	0	0	0	0	0	0	0	3	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	**13**	**0**	**5**	**3**	**1**	**0**	**0**	**0**	**0**	**2**	**7**	**0**	**31**
1800	10	0	0	1—10	3	0	0	1	0	2	2	0	0	3	4	5	20
				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**	**1**	**0**	**2**	**2**	**0**	**0**	**3**	**4**	**5**	**21**
2100	16	0	0	1—10	1	0	0	0	0	1	0	0	1	8	2	2	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	**1**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**1**	**8**	**2**	**0**	**15**

Table B 1.—UPPER AIR CLIMATOLOGICAL DATA

MERSA MATRUH (A) — 0000 U.T. — JULY 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	31	1006mb.	1011mb.	1000mb.	31	23.3	25.3	19.9	31	19.6
1000	31	101	137	46	31	22.9	24.6	18.0	31	18.8
850	31	1509	1535	1468	31	18.8	22.9	14.0	24	3.3
700	31	3148	3179	3110	31	10.3	14.6	— 3.5	5	— 7.0
600	31	4414	4450	4350	31	3.4	7.9	— 4.0	1	—15.7
500	31	5869	5915	5766	31	— 5.3	+ 0.6	—12.3	—	—
400	31	7589	7653	7446	31	—15.5	—10.1	—21.1	—	—
300	31	9702	9792	9524	31	—28.4	—24.3	—33.6	—	—
200	31	12492	12507	12243	31	—48.0	—45.0	—53.8	—	—
150	31	14335	14483	14043	31	—60.5	—57.0	—65.2	—	—
100	30	16776	16944	16447	30	—73.7	—70.5	—81.3	—	—
60	10	19812	19979	19581	10	—63.3	—54.9	—68.1	—	—
40	6	22324	22511	22067	6	—56.2	—52.2	—59.6	—	—
30	4	24211	24358	24063	4	—52.4	—51.2	—53.2	—	—
20	2	26932	27016	26848	2	—46.8	—46.0	—47.7	—	—
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. — JULY 1962

Pressure surface (millibar)	Altitude of pressure surface (gpm.)				Temperature (°C)				Dew point (°C)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
		*	*	*						
Surface	31	1006mb.	1012mb.	1000mb.	31	26.9	28.5	25.0	31	20.3
1000	31	102	147	42	31	26.1	28.5	23.2	31	19.0
850	31	1517	1514	1487	31	19.5	27.1	13.2	26	1.7
700	31	3161	3186	3127	31	10.9	15.4	7.6	9	— 6.6
600	31	4430	4464	4379	31	4.4	8.2	— 0.1	1	— 9.9
500	31	5890	5928	5819	31	— 1.0	3.0	— 8.0	—	—
400	31	7616	7671	7522	31	—14.5	— 8.5	—19.0	—	—
300	31	9736	9819	9627	31	—27.9	—24.8	—32.3	—	—
200	30	12554	12637	12048	30	—47.2	—43.9	—50.4	—	—
150	29	14385	14507	14224	29	—59.9	—56.7	—63.2	—	—
100	27	16830	16970	16646	27	—72.5	—64.7	—76.2	—	—
60	12	19889	19999	19804	12	—64.4	—59.7	—68.8	—	—
40	8	22459	22530	22355	8	—54.4	—50.7	—56.9	—	—
30	5	24284	24336	24217	5	—51.1	—49.9	—52.6	—	—
20	3	26970	27029	26904	3	—44.4	—43.0	—46.0	—	—
10	—	—	—	—	—	—	—	—	—	—

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

TABLE B 1.—UPPER AIR CLIMATOLOGICAL DATA

HELWAN — 0000 U.T. — JULY 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 . .	27	992mb.	996mb.	986mb.	27	23.4	27.8	20.6	27	16.9
1000	27	74	108	28	—	—	—	—	—	—
850	27	1482	1508	1454	27	19.8	24.7	15.2	23	3.7
700	26	3125	3161	3089	27	10.8	14.9	6.4	1	— 2.6
600	27	4398	4439	4361	27	05.0	7.6	0.6	—	—
500	26	5860	5908	5805	26	— 3.2	1.8	— 9.5	—	—
400	26	7591	7655	7496	26	—13.8	— 9.1	—20.0	—	—
300	26	9723	9807	9618	26	—27.4	—24.3	—31.8	—	—
200	24	12525	12623	12345	24	—47.4	—44.3	—49.9	—	—
150	24	14372	14473	14175	24	—60.6	—58.8	—62.5	—	—
100	23	16804	16906	16600	23	—75.0	—71.7	—77.5	—	—
60	15	19814	19990	19586	15	—66.4	—57.5	—74.2	—	—
40	9	22315	22484	22092	9	—55.9	—52.6	—59.2	—	—
30	1	24229	—	—	1	—51.5	—	—	—	—
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. — JULY 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	991mb	996mb.	986mb.	29	35.0	37.8	31.6	29	10.4
1000	29	65	92	28	—	—	—	—	—	—
850	29	1493	1531	1455	29	21.0	24.8	15.3	26	3.4
700	29	3139	3190	3107	29	12.3	15.3	8.7	3	—12.5
600	29	4413	4472	4385	29	5.5	7.6	1.6	—	—
500	29	5880	5938	5839	29	— 2.7	1.7	— 7.6	—	—
400	29	7615	7663	7557	29	—13.2	— 7.8	—19.3	—	—
300	28	9753	9825	9667	28	—26.3	—18.0	—30.5	—	—
200	25	12558	12720	12431	25	—46.5	—35.0	—49.4	—	—
150	24	14412	14676	14265	24	—59.4	—57.1	—61.4	—	—
100	20	16867	17297	16669	20	—73.7	—58.2	—79.4	—	—
60	7	19875	19948	19820	7	—67.2	—57.0	—82.5	—	—
40	1	22462	—	—	1	—58.8	—	—	—	—
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. — JULY 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.	* 996mb.	* 990mb.	29	28.6	33.0	24.0	29	6.8
1000	—	—	—	—	—	—	—	—	—	—
850	29	1480	1514	1441	29	23.5	28.0	20.0	16	3.0
700	29	3137	3186	3071	29	12.0	16.0	5.8	9	— 7.0
600	29	4406	4469	4316	29	3.5	5.5	0.4	7	—10.4
500	29	5862	5927	5755	29	— 4.5	— 1.2	— 8.0	4	—21.2
400	29	7584	7643	7481	29	—14.8	—11.5	—21.5	—	—
300	29	9707	9773	9611	29	—28.5	—25.0	—31.3	—	—
200	29	12488	12553	12393	29	—50.5	—47.0	—52.0	—	—
150	29	14317	14396	14218	29	—63.1	—61.0	—65.9	—	—
100	25	16727	16809	16618	25	—77.4	—74.3	—84.8	—	—
60	17	19706	19792	19568	17	—64.9	—61.5	—68.5	—	—
40	10	22240	22371	22067	10	—57.2	—53.0	—62.0	—	—
30	2	24064	24131	23998	2	—54.9	—52.0	—57.8	—	—
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. — JULY 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	* 993mb.	* 995mb.	* 990mb.	30	40.5	44.0	37.8	30	5.4
1000	—	—	—	—	—	—	—	—	—	—
850	30	1498	1524	1456	30	25.2	29.1	22.2	7	— 4.7
700	30	3158	3199	3097	30	12.9	18.6	7.5	7	—10.5
600	30	4429	4486	4354	30	4.0	7.1	1.0	4	—16.4
500	30	5887	5960	5804	30	— 4.1	1.2	— 8.8	5	—20.9
400	30	7616	7718	7532	30	—13.9	— 9.5	—19.5	—	—
300	30	9743	9865	9655	30	—27.8	—24.0	—31.6	—	—
200	28	12534	12662	12414	28	—48.9	—45.2	—52.1	—	—
150	25	14374	14502	14228	25	—62.7	—60.0	—67.0	—	—
100	24	16778	16919	16620	24	—77.5	—74.9	—81.7	—	—
60	15	19723	19830	19581	15	—68.0	—62.4	—72.0	—	—
40	4	22196	22337	22084	4	—58.3	—53.0	—62.8	—	—
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. — JULY 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)	4982 (31)	560 (31)	— 8.7 (2)	5880	497	—	3850	637	—12.4	14614 (25)	160 (25)	—59.1 (25)	16140	109	—71.2	11970	218	—43.4	10100	280	240	65
Helwan	5272 (26)	539 (26)	— —	6140	484	—	4430	594	—	14875 (22)	143 (22)	—64.3 (22)	17660	87	—81.0	11070	248	—36.5	—	—	—	—
Aswan . . . (A)	4999 (29)	557 (29)	—14.4 (5)	5670	512	—	4220	607	—	16875 (17)	098 (17)	—64.8 (17)	19200	066	—76.6	15320	125	—71.6	20000	057	120	093

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. — JULY 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)	5227 (31)	542 (31)	— 7.0 (1)	6390	470	—	4290	610	— 7.0	13788 (25)	167 (25)	—58.0 (25)	15930	116	71.0	10500	267	—53.3	12700	201	280	62
Helwan	5437 (29)	529 (29)	— —	6070	490	—	4820	509	—	14047 (16)	164 (16)	—59.4 (16)	16170	112	—73.0	10900	251	—59.8	—	—	—	—
Aswan . . . (A)	5051 (30)	555 (30)	— —	6120	487	—	4050	626	—	16373 (18)	112 (18)	—76.0 (18)	17830	084	—82.4	14330	151	—63.3	16800	101	110	080

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. — JULY 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	9	0	—	0	—	0	—	0	—	0	—	0	—	0	—	3	6	12	7	6	9	5	12	0	31	8
1000	5	11	0	—	0	—	0	—	0	—	0	—	0	—	0	—	3	6	12	7	6	9	5	12	0	31	9
850	8	22	3	10	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	27	5	14	13	15	0	31	17
700	8	17	2	14	0	—	0	—	0	—	0	—	0	—	0	—	1	28	4	13	6	13	10	14	0	31	15
600	10	16	0	—	0	—	0	—	0	—	1	7	0	—	1	7	6	8	7	20	1	31	5	20	0	31	16
500	5	23	1	26	0	—	0	—	0	—	1	2	0	—	2	14	6	15	6	18	2	6	8	13	0	31	16
400	4	20	0	—	0	—	0	—	0	—	2	10	4	14	3	8	8	25	4	22	2	12	4	19	0	31	18
300	2	16	0	—	0	—	0	—	0	—	1	15	8	20	5	25	6	20	8	23	1	35	4	13	1	31	20
200	0	—	0	—	0	—	0	—	0	—	3	22	5	19	6	28	6	26	6	28	1	17	0	—	0	27	25
150	0	—	0	—	0	—	0	—	0	—	2	38	6	24	3	40	3	39	3	21	0	—	0	—	0	17	30
100	0	—	0	—	0	—	0	—	0	—	1	26	0	—	1	40	0	—	0	—	0	—	0	—	0	2	33
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. — JULY 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	11	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	4	15	21	16	0	31	15
1000	6	11	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	4	15	21	16	0	31	15
850	5	11	0	—	0	—	0	—	0	—	0	—	0	—	0	—	3	16	3	22	5	13	15	14	0	31	14
700	9	19	0	—	0	—	0	—	0	—	1	3	0	—	0	—	2	14	6	17	3	9	10	18	0	31	16
600	6	23	1	7	1	3	0	—	0	—	1	9	0	—	1	16	4	14	7	14	2	26	8	13	0	31	15
500	5	17	2	16	0	—	0	—	1	24	0	—	3	10	3	13	4	23	6	13	3	12	4	17	0	31	16
400	2	20	0	—	0	—	1	8	0	—	0	—	1	9	8	20	6	25	3	21	5	10	5	11	0	31	17
300	1	10	0	—	0	—	0	—	0	—	1	13	3	21	9	21	8	25	5	22	0	—	3	19	1	31	21
200	1	15	0	—	0	—	0	—	0	—	1	25	4	23	7	24	7	30	5	28	2	10	1	7	0	28	25
150	0	—	0	—	0	—	0	—	2	28	1	14	7	25	5	25	3	24	1	13	1	24	1	9	0	21	23
100	0	—	0	—	0	—	0	—	1	27	1	14	1	24	1	24	2	12	0	—	0	—	0	—	0	6	19
60	0	—	0	—	0	—	2	16	0	—	0	—	0	—	0	—	0	—	0	—	0	—	—	—	0	2	16
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. — JULY 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	7	4	8	3	9	1	5	0	—	1	15	0	—	0	—	0	—	1	5	3	9	7	8	0	25	8
1000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
850	7	13	2	13	2	7	0	—	0	—	1	3	1	3	0	—	3	8	4	10	3	16	3	16	0	26	12
700	3	16	2	8	0	—	0	—	0	—	2	3	1	11	3	9	5	11	3	12	3	10	4	11	0	25	10
600	4	1[illegible]	3	9	2	7	0	—	0	—	0	—	1	10	1	18	3	17	5	13	1	6	6	11	0	26	12
500	2	14	2	14	1	4	0	—	0	—	2	8	2	12	1	10	6	14	5	10	3	12	1	10	0	25	11
400	2	10	1	10	0	—	0	—	2	10	0	—	2	13	3	17	4	14	5	12	2	18	4	12	0	25	13
300	1	[illegible]	1	10	0	—	0	—	1	21	3	12	2	13	4	14	4	20	4	18	4	18	1	10	0	25	15
200	0	—	1	7	0	—	0	—	1	5	4	19	5	17	3	18	4	23	4	20	0	—	2	13	0	24	18
150	0	—	0	—	0	—	0	—	1	38	7	19	5	19	2	31	4	21	2	29	1	16	1	5	0	23	21
100	0	—	0	—	1	11	2	20	7	23	2	18	4	20	1	48	4	15	0	—	0	—	1	15	0	22	22
60	1	31	0	—	2	26	2	32	1	43	1	12	0	—	0	—	0	—	0	—	0	—	0	—	0	7	29
40	0	—	0	—	0	—	0	—	0	—	1	20	0	—	0	—	0	—	0	—	0	—	0	—	0	1	20
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. — JULY 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	3	8	0	—	0	—	0	—	0	—	0	—	0	—	0	—	5	11	12	12	7	9	2	31	10
1000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
850	3	6	5	12	0	—	1	5	0	—	0		1	9	3	13	1	17	2	11	5	11	8	8	0	29	10
700	5	13	1	7	1	4	0	—	0	—	1	9	0	—	2	12	7	19	6	11	2	8	4	9	0	29	10
600	2	12	2	11	1	10	1	12	0	—	0	—	0	—	3	26	4	20	3	13	5	8	8	9	0	29	12
500	1	17	1	21	1	17	0	—	1	10	1	5	0	—	6	14	6	21	5	9	0	—	7	12	0	29	14
400	3	13	0	—	0	—	0	—	0	—	5	16	2	18	2	15	6	20	4	12	5	10	2	11	0	29	15
300	1	13	0	—	0	—	0	—	1	7	6	14		15	3	22	3	13	4	13	2	18	3	12	0	27	15
200	1	8	2	8	0	—	0	—	3	20	4	25	4	18	5	24	1	17	3	21	1	10	1	32	0	25	19
150	0	—	0	—	0	—	0	—	5	34		23	3	21	5	20	3	18	1	33	0	—	0	—	0	20	24
100	0	—	0	—	0	—	—	—	2	25	5	28	2	23	0	—	0	—	0	—	0	—	0	—		9	24
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.

ABLE 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. — JULY 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	8	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	2	5	8	15	29	4
1000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
850	7	17	1	4	0	—	0	—	2	8	0	—	0	—	0	—	2	6	1	8	8	12	8	12	0	29	12
700	1	21	0	—	0	—	2	6	0	—	1	17	1	4	3	14	7	13	9	15	1	14	4	10	0	29	13
600	1	12	1	6	1	15	0	—	0	—	0	—	1	26	5	18	9	19	5	21	4	7	2	22	0	29	17
500	4	13	0	—	1	14	1	11	3	6	4	18	2	15	2	12	5	13	4	17	1	8	1	4	0	28	13
400	4	10	0	—	3	6	3	11	3	10	6	10	3	15	2	6	1	18	1	15	1	10	1	3	0	28	10
300	2	5	2	10	2	12	6	13	5	18	3	12	1	9	3	12	1	19	0	—	2	4	0	—	1	28	12
200	0	—	0	—	2	12	11	22	8	18	5	18	0	—	1	18	1	29	0	—	1	21	0	—	0	29	20
150	0	—	0	—	2	20	2	40	15	31	5	27	1	14	0	—	1	29	0	—	0	—	0	—	0	26	29
100	0	—	0	—	0	—	3	32	12	47	2	66	1	10	0	—	0	—	0	—	0	—	0	—	0	18	44
60	0	—	0	—	0	—	3	37	3	63	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	6	50
40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

N= The number of cases the wind has been observed form 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. — JULY 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	16	6	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	8	4	9	0	—	0	—	8	30	5
1000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
850	1	21	1	8	1	4	0	—	0	—	0	—	0	—	1	5	1	12	3	23	11	10	11	15	0	30	13
700	0	—	0	—	0	—	0	—	0	—	0	—	1	12	1	32	12	17	10	16	4	18	2	24	0	30	18
600	0	—	1	11	0	—	0	—	0	—	0	—	2	22	7	26	7	12	6	17	5	15	2	6	0	30	19
500	1	5	1	12	0	—	1	10	0	—	1	4	6	13	6	12	6	15	4	8	3	11	1	27	0	30	12
400	0	—	3	11	7	12	1	13	3	7	5	10	2	8	4	9	6	—	1	10	3	6	1	4	0	30	10
300	0	—	2	6	6	12	5	18	9	15	4	14	2	16	1	10	0	—	0	—	1	11	0	—	0	30	14
200	1	7	0	—	0	—	7	24	14	20	4	20	0	—	1	25	0	—	0	—	0	—	0	—	0	27	21
150	0	—	0	—	0	—	3	41	7	46	4	34	0	—	0	—	0	—	0	—	0	—	0	—	1	15	39
100	0	—	0	—	0	—	2	48	1	48	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	3	48
60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	—	—	—	—
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

JULY 1962

During this month the weather was generally mild. The mean air temperature at 2 metres above ground was slightly below normal (-0.2°C) and the mean relative humidity was slightly above normal (+ 3%).

The extreme maximum soil temperatures at different depths in the dry field-except at 200 cms. depth-were higher than the corresponding values of July 1961. The maximum deviation was + 6.3°C at 0.3 cm. depth ; at 200 cms. depth the deviation was - 0.1°C. The extreme minimum soil temperatures-except at 5, 10 & 300 cms. depths - were lower than the corresponding values of last July. The maximum deviations were - 1.0°C at 0.3 cm. depth and + 0.4°C at 5 cms. depth. At 300 cms. depth the values were equal.

The mean daily wind speed at 2 metres above ground was less than the corresponding value of July 1961 (-0.6 m/sec.). The mean daily values of piche evaporation, water pan evaporation, potential evaporation and potential evapotranspiration were + 1.3,-0.27,-1.2 & -1.4 mms. respectively than the correspondingvalues of last July. The total actual duration of bright sunshine was + 1.9 hours higher than the corresponding value of July 1961.

REVIEW OF AGRO-METEOROLOGICAL STATION AT TAHRIR

JULY 1962

The weather of this month was as expected in this time of the year, with the occasional passage of heat waves of the usual order of intensity. Deviations from past year's values were (+ 0.5°C) for mean air temperature, (0%) for mean relative humidity, (+ 0.5 mm.) for mean vapour pressure, (-0.5 m/sec.) for mean wind speed at 2 metres above ground, (+ 1.6 mm.) for mean Piche evaporation at 120 cms, (-900 langleys) for total (solar+sky) radiation and 0% for the ratios of actual to possible sunshine durations. The highest soil temperature values were greater than last year's by 2.5°C at 0.3 cm. depth and reduced gradually to zero at 50 cms. depth. The lowest soil temperature values showed irregular deviations with regard to last year's, the maximum difference not exceeding 0.7°C.

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

..ZA — JULY 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	34.9	20.2	27.4	23.9	29.5	24.0	24.0	24.0	24.0	24.0	24.0	14.5	8.5	0.0	0.0	0.0
2	33.5	21.1	26.6	24.0	28.1	24.0	24.0	24.0	24.0	24.0	24.0	13.5	6.5	0.0	0.0	0.0
3	34.4	19.0	27.2	23.6	28.9	24.0	24.0	24.0	24.0	24.0	21.5	15.5	8.0	0.0	0.0	0.0
4	34.8	19.9	27.5	26.5	29.4	24.0	24.0	24.0	24.0	24.0	23.5	16.0	7.5	0.0	0.0	0.0
5	32.1	21.1	26.1	23.9	27.9	24.0	24.0	24.0	24.0	24.0	24.0	12.5	5.5	0.0	0.0	0.0
6	32.3	19.2	25.2	22.5	27.2	24.0	24.0	24.0	24.0	24.0	20.5	11.5	4.5	0.0	0.0	0.0
7	34.2	19.4	26.0	22.7	27.8	24.0	24.0	24.0	24.0	24.0	21.5	13.5	6.5	0.0	0.0	0.0
8	38.0	19.2	28.8	24.0	31.4	24.0	24.0	24.0	24.0	24.0	22.0	16.0	10.0	5.0	0.0	0.0
9	37.8	23.0	29.0	26.2	31.4	24.0	24.0	24.0	24.0	24.0	24.0	16.0	10.0	5.0	0.0	0.0
10	36.9	22.6	28.3	25.7	30.4	24.0	24.0	24.0	24.0	24.0	24.0	15.5	9.0	3.0	0.0	0.0
11	34.1	21.7	27.1	24.8	28.9	24.0	24.0	24.0	24.0	24.0	24.0	14.5	7.0	0.0	0.0	0.0
12	35.1	21.8	27.5	24.4	29.6	24.0	24.0	24.0	24.0	24.0	24.0	14.0	8.5	0.0	0.0	0.0
13	35.5	21.7	27.8	24.6	29.7	24.0	24.0	24.0	24.0	24.0	24.0	14.5	9.0	0.0	0.0	0.0
14	36.7	20.6	28.5	25.5	30.2	24.0	24.0	24.0	24.0	24.0	24.0	14.5	10.5	3.5	0.0	0.0
15	37.4	20.2	29.2	26.0	31.4	24.0	24.0	24.0	24.0	24.0	24.0	16.5	11.5	5.0	0.0	0.0
16	36.0	21.7	28.5	26.8	30.3	24.0	24.0	24.0	24.0	24.0	24.0	15.0	9.0	0.5	0.0	0.0
17	36.0	22.7	28.2	25.6	30.2	24.0	24.0	24.0	24.0	24.0	24.0	15.5	8.5	0.0	0.0	0.0
18	34.1	19.9	27.1	25.0	28.9	24.0	24.0	24.0	24.0	24.0	23.0	15.0	7.5	0.0	0.0	0.0
19	35.2	21.8	27.7	24.8	29.7	24.0	24.0	24.0	24.0	24.0	24.0	15.0	8.0	0.0	0.0	0.0
20	33.3	20.7	26.7	25.0	28.6	24.0	24.0	24.0	24.0	24.0	24.0	13.0	7.0	0.0	0.0	0.0
21	32.0	20.9	26.0	23.8	27.7	24.0	24.0	24.0	24.0	24.0	24.0	12.5	4.0	0.0	0.0	0.0
22	34.6	20.0	26.8	23.3	28.6	24.0	24.0	24.0	24.0	24.0	24.0	14.0	7.0	0.0	0.0	0.0
23	34.3	19.9	27.1	24.2	28.9	24.0	24.0	24.0	24.0	24.0	23.0	15.5	8.0	0.0	0.0	0.0
24	34.0	21.6	27.4	25.1	29.4	24.0	24.0	24.0	24.0	24.0	24.0	14.5	8.0	0.0	0.0	0.0
25	35.3	20.8	27.9	24.2	30.2	24.0	24.0	24.0	24.0	24.0	24.0	15.5	9.0	0.0	0.0	0.0
26	36.7	21.3	28.2	24.9	30.7	24.0	24.0	24.0	24.0	24.0	24.0	14.0	10.0	2.0	0.0	0.0
27	34.7	21.8	27.7	25.3	29.2	24.0	24.0	24.0	24.0	24.0	24.0	15.5	8.0	0.0	0.0	0.0
28	34.9	23.1	28.0	26.1	30.0	24.0	24.0	24.0	24.0	24.0	24.0	16.0	8.5	0.0	0.0	0.0
29	36.2	21.4	28.0	25.6	29.6	24.0	24.0	24.0	24.0	24.0	23.0	17.0	8.5	0.5	0.0	0.0
30	37.4	21.2	30.3	26.3	32.7	24.0	24.0	24.0	24.0	24.0	24.0	19.5	12.0	6.5	0.0	0.0
31	37.3	21.2	29.1	26.8	31.3	24.0	24.0	24.0	24.0	24.0	24.0	18.0	10.0	3.5	0.0	0.0
Total	—	—	—	—	—	720.0	744.0	744.0	744.0	744.0	731.0	464.0	255.5	34.5	0.0	0.0
Mean	35.2	21.0	27.6	24.9	29.6	24.0	24.0	24.0	24.0	24.0	23.6	15.0	8.2	1.1	0.0	0.0

Highest Maximum at 2 Metres 38.0°C on 8th Highest Minimum at 2 Metres 23.1°C on 28th

Lowest Maximum at 2 Metres 32.1°C on 5th Lowest Minimum at 2 Metres 19.0°C on 3nd

Absolute Minimum Temperature at 5 cms. Above Dry Soil 16.3 °C on 3th

" " " " " Wet Soil 16.6 °C on 8th

" " " " " Grass 14.5 °C on 3rd & 8th

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

TAHRIR — JULY 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	35.7	20.2	27.2	23.5	30.0	24.0	24.0	24.0	24.0	24.0	24.0	13.5	9.0	0.0	0.0	0.0
2	33.0	20.1	26.1	23.1	28.5	24.0	24.0	24.0	24.0	24.0	24.0	13.0	6.5	0.0	0.0	0.0
3	34.9	19.4	27.0	22.4	29.6	24.0	24.0	24.0	24.0	24.0	21.5	15.5	8.5	0.0	0.0	0.0
4	33.4	20.8	26.2	24.3	28.4	24.0	24.0	24.0	24.0	24.0	24.0	12.5	6.0	0.0	0.0	0.0
5	31.0	18.9	24.6	21.8	26.6	24.0	24.0	24.0	24.0	24.0	21.5	11.0	2.0	0.0	0.0	0.5
6	31.1	18.3	24.8	21.5	27.0	24.0	24.0	24.0	24.0	24.0	20.5	11.5	2.5	0.0	0.0	2.0
7	34.0	18.2	25.9	21.6	28.5	24.0	24.0	24.0	24.0	24.0	20.0	12.5	7.0	0.0	0.0	0.0
8	38.2	20.0	28.2	23.1	31.3	24.0	24.0	24.0	24.0	24.0	24.0	15.0	9.5	4.5	0.0	0.0
9	37.0	21.0	28.0	24.5	30.9	24.0	24.0	24.0	24.0	24.0	24.0	14.5	9.0	4.0	0.0	0.0
10	35.8	20.9	27.2	23.9	29.8	24.0	24.0	24.0	24.0	24.0	24.0	13.5	8.0	0.5	0.0	0.0
11	33.9	20.9	26.5	23.6	28.8	24.0	24.0	24.0	24.0	24.0	24.0	13.0	6.5	0.0	0.0	0.0
12	36.8	19.8	27.1	22.5	30.2	24.0	24.0	24.0	24.0	24.0	23.5	13.5	8.5	2.5	0.0	0.0
13	36.7	20.1	27.8	23.7	30.5	24.0	24.0	24.0	24.0	24.0	24.0	14.0	9.0	3.5	0.0	0.0
14	38.0	21.3	28.3	23.8	31.2	24.0	24.0	24.0	24.0	24.0	24.0	14.5	10.0	4.5	0.0	0.0
15	39.2	19.6	28.1	24.5	30.9	24.0	24.0	24.0	24.0	24.0	23.5	14.0	9.5	5.5	0.0	0.0
16	36.5	23.0	27.9	24.8	30.4	24.0	24.0	24.0	24.0	24.0	24.0	14.0	8.5	2.5	0.0	0.0
17	35.8	20.1	27.2	23.5	29.8	24.0	24.0	24.0	24.0	24.0	24.0	13.5	8.5	0.0	0.0	0.0
18	34.5	19.2	26.6	22.9	29.2	24.0	24.0	24.0	24.0	24.0	21.5	13.5	8.0	0.0	0.0	0.0
19	36.1	22.6	27.9	24.8	30.6	24.0	24.0	24.0	24.0	24.0	24.0	14.0	9.0	1.5	0.0	0.0
20	33.5	21.4	26.5	23.9	28.8	24.0	24.0	24.0	24.0	24.0	24.0	13.5	6.0	0.0	0.0	0.0
21	31.1	20.4	25.5	22.9	27.5	24.0	24.0	24.0	24.0	24.0	24.0	12.0	2.0	0.0	0.0	0.0
22	33.6	21.0	26.3	23.0	28.6	24.0	24.0	24.0	24.0	24.0	24.0	13.0	6.0	0.0	0.0	0.0
23	34.3	20.8	26.9	23.2	29.2	24.0	24.0	24.0	24.0	24.0	24.0	14.5	7.5	0.0	0.0	0.0
24	34.0	21.6	27.2	24.2	29.7	24.0	24.0	24.0	24.0	24.0	24.0	14.0	8.0	0.0	0.0	0.0
25	37.2	20.1	27.8	23.2	30.6	24.0	24.0	24.0	24.0	24.0	24.0	15.5	9.0	3.0	0.0	0.0
26	37.1	21.4	28.0	25.1	30.7	24.0	24.0	24.0	24.0	24.0	24.0	14.0	8.0	4.0	0.0	0.0
27	37.8	20.9	27.6	23.9	30.1	24.0	24.0	24.0	24.0	24.0	24.0	14.5	8.5	0.5	0.0	0.0
28	36.6	21.9	27.7	24.5	30.4	24.0	24.0	24.0	24.0	24.0	24.0	14.5	8.5	1.0	0.0	0.0
29	36.8	20.8	27.3	23.7	30.3	24.0	24.0	24.0	24.0	24.0	24.0	13.0	8.5	2.0	0.0	0.0
30	37.8	20,2	28.5	23.3	31.5	24.0	24.0	24.0	24.0	24.0	24.0	16.5	11.0	3.5	0.0	0.0
31	36·6	22.2	28.5	25.6	31.1	24.0	24.0	24.0	24.0	24.0	24,0	15.5	9.0	1.5	0.0	0.0
Total	—	—	—	—	—	744.0	744.0	744.0	144.0	744 0	728	427	237.5	44.5	0.0	0.0
Mean	35.4	20.6	27.1	23.5	29.7	24.0	24.0	24.0	24.0	24.0	23.5	13.8	7.7	1.4	0.0	0.0

Highest Maximum at 2 Metres 39.2°C on 15th Highest Minimum at 2 Metres 23.0°C on 16th

Lowest Maximum at 2 Metres 31.0°C on 5th Lowest Minimum at 2 Metres 18.2°C on 7th

Absolute Minimum Temperature at 5 cms. Above Dry Soil 16.7 °C 18th

" " " " " 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 — JULY 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	1.2	3.3	663	11.9	14.0	85	0	8	60	33	14.9	12.3	18.8	12.63	0.0
2	2.5	2.2	2.8	613	10.9	14.0	78	0	8	66	32	14.4	11.4	16.9	11.15	0.0
3	2.2	1.9	2.7	634	12.0	14.0	86	0	7	62	36	15.3	13.1	18.9	11.69	0.0
4	2.6	1.9	3.6	636	12.4	14.0	89	0	0	64	38	15.9	15.0	19.1	13.13	0.0
5	3.8	3.9	3.8	660	12.5	14.0	89	0	0	62	45	15.1	14.9	16.9	11.69	0.0
6	3.3	2.8	4.0	664	12.4	14.0	89	0	6	62	47	14.9	15.3	17.0	13.29	0.0
7	2.5	2.0	3.1	654	12.4	14.0	89	0	8	64	42	15.5	14.9	14.6	10.71	0.0
8	1.5	1.0	2.3	645	12.4	14.0	89	0	7	63	28	16.6	13.1	16.7	10.54	0.0
9	2.1	1.8	2.5	636	11.5	14.0	82	0	8	66	32	17.4	14.7	15.3	11.89	0.0
10	2.3	2.1	2.6	641	12.2	14.0	87	0	8	67	28	16.2	12.3	15.9	11.52	0.0
11	2.2	2.0	2.5	643	11.2	14.0	80	0	8	66	38	16.1	13.6	14.0	11.50	0.0
12	2.4	2.4	2.5	648	12.1	14.0	86	0	8	60	32	14.6	12.7	17.5	11.88	0.0
13	2.0	1.7	2.5	689	11.3	13.9	81	0	9	61	30	14.5	11.6	16.5	11.84	0.0
14	1.6	1.3	2.1	620	10.9	13.9	78	6	8	60	27	14.4	11.5	16.2	11.24	0.0
15	1.5	0.9	2.4	622	12.3	13.9	88	0	6	56	27	15.0	11.9	18.8	13.48	0.0
16	2.7	2.4	3.1	628	10.9	13.9	78	4	8	70	42	18.1	17.3	16.2	11.94	0.0
17	2.7	2.4	3.0	641	11.9	13.9	86	0	8	62	33	15.7	13.6	18.1	11.67	0.0
18	2.3	1.8	3.1	655	12.6	13.9	91	0	6	58	38	15.0	13.7	15.9	12.54	0.0
19	2.1	1.6	2.8	634	11.6	13.8	84	0	8	68	40	17.2	15.7	15.0	11.06	0.0
20	2.3	1.7	3.2	620	10.5	13.8	76	6	8	72	44	16.9	16.0	14.7	12.68	0.0
21	2.2	1.8	2.8	634	11.9	13.8	86	0	7	65	44	15.6	14.7	13.8	9.70	0.0
22	1.5	1.5	1.5	636	11.6	13.8	84	0	6	64	38	15.7	13.0	13.4	9.48	0.0
23	2.1	1.8	2.4	636	10.8	13.8	78	0	8	64	33	15.4	12.5	14.2	10.34	0.0
24	2.2	1.6	3.1	629	11.1	13.8	80	0	8	64	41	16.3	15.2	14.9	9.38	0.0
25	2.1	1.9	2.3	648	12.5	13.7	90	0	7	60	30	14.3	12.1	15.0	10.56	0.0
26	1.4	1.0	1.9	624	12.6	13.7	92	0	7	60	30	15.4	12.7	14.6	11.28	0.0
27	2.0	1.9	2.1	626	12.2	13.7	89	6	1	62	44	16.8	16.5	13.8	9.80	0.0
28	2.7	2.2	3.3	620	12.4	13.7	91	6	8	68	38	16.9	15.0	15.2	10.58	0.0
29	1.7	1.4	2.1	623	12.3	13.7	90	0	8	64	29	15.6	12.0	16.4	11.70	0.0
30	1.7	1.6	1.8	607	12.1	13.6	89	0	3	48	24	13.3	10.4	19.1	12.27	0.0
31	1.7	1.4	2.1	613	12.4	13.6	91	—	6	69	32	17.8	14.1	16.2	12.30	0.0
Total	—	—	—	19696	367.8	429.9	2652	28	206	—	—	—	—	499.6	355.63	0.0
Mean	2.2	1.8	2.7	635	11.9	13.9	86	0.9	6.6	55	35	15.7	13.6	16.1	11.47	—

Maximum Amount of Rainfall in one day . . . . . 0.0 mms. on —

Lowest Value of Relative Humidity . . . . . 21 % on 12th

Highest Value of Vapour Pressure . . . . . 20.3 mms. on 31th

Lowest Value of Vapour pressure . . . . . 9.2 mms. on 12th

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 — JULY 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	3.0	4.6	638	11.0	14.1	78	4	9	74	29	16.5	12.3	17.9	13.13	0.0
2	3.8	3.2	4.7	641	12.6	14.1	89	4	8	66	36	15.2	12.6	15.9	12.11	0.0
3	2.7	2.8	2.6	634	12.6	14.1	89	3	8	62	80	14.5	11.8	20.1	15.75	0.0
4	4.4	4.1	4.9	619	12.6	14.1	89	0	3	68	42	16.4	15.5	15.2	11.60	0.0
5	3.9	3.5	4.5	664	13.1	14.1	93	0	6	65	43	14.3	13.4	15.2	12.27	0.0
6	4.1	3.5	5.1	666	13.1	14.0	94	0	3	62	42	14.3	13.9	16.1	13.50	0.0
7	3.8	3.3	4.5	665	13.0	14.0	93	0	7	70	37	16.3	14.3	14.9	11.89	0.0
8	3.8	3.4	4.3	649	12.8	14.0	91	0	5	66	28	16.6	13.3	16.9	12.46	0.0
9	3.9	3.5	4.6	648	12.5	14.0	89	3	7	70	40	18.6	18.0	17.2	14.16	0.0
10	3.7	3.4	4.2	640	12.7	14.0	91	1	7	70	34	16.6	14.0	16.5	12.47	0.0
11	3.2	2.7	4.0	639	12.8	14.0	91	2	7	72	39	16.1	14.7	13.5	10.49	0.0
12	3.6	3.3	4.1	654	12.5	14.0	89	5	9	78	21	16.1	9.6	20.1	15.42	0.0
13	3.7	3.4	4.1	653	12.7	14.0	91	4	9	68	29	16.1	12.6	18.1	14.72	0·0
14	3.2	3.1	3.4	603	11.1	14.0	79	4	8	78	30	17.0	13.5	16.0	11.94	0.0
15	2.6	2.3	3.1	605	10.9	14.0	78	4	7	70	22	15.6	10.7	17.9	14.10	0.0
16	3.5	3.2	3.8	615	12.1	13.9	87	0	8	72	38	17.7	15.9	14.7	11.44	0.0
17	3.4	2.9	3.9	649	13.0	13.9	94	2	6	59	26	13.7	11.2	17.7	14.22	0.0
18	3.1	2.3	4.3	635	12.2	13.9	88	0	8	74	30	16.1	11.7	18.7	12.87	0.0
19	3.9	3.4	4.6	593	11.6	13.9	79	4	8	74	30	16.8	12.8	18.9	14.73	0.0
20	4.0	3.1	5.5	631	12.7	13.9	91	2	6	70	40	16.7	14.8	15.8	14.10	0.0
21	3.6	2.9	4.7	594	12.7	13.8	92	0	3	67	48	16.0	15.4	15.7	13.13	0.0
22	3.3	3.1	3.6	560	11.9	13.8	86	0	0	68	37	15.7	13.6	14.0	11.27	0.0
23	3.6	3.5	3.7	589	12.0	13.8	87	0	0	74	43	16.6	15.9	15.0	11.79	0.0
24	4.1	3.4	5.0	618	12.6	13.8	91	1	6	68	37	16.7	14.6	17.4	13.61	0.0
25	3.1	3.0	3.3	635	13.0	13.8	94	0	4	63	19	14.1	8.2	18.1	13.50	0.0
26	2.9	2.6	3.3	609	12.6	13.8	91	0	4	68	29	15.8	12.6	17.4	14.40	0.0
27	3.2	3.6	2.7	604	12.8	13.7	93	0	0	64	30	15.8	13.5	13.9	9.70	0.0
28	4.1	3.5	4.9	629	12.9	13.7	94	1	6	71	27	16.4	11.7	17.1	12.60	0.0
29	3.2	2.4	4.3	639	12.6	13.7	92	2	6	70	20	14.5	8.9	19.4	13.81	0.0
30	2.7	2.4	3.1	577	12.7	13.7	93	—	—	65	18	15.2	8.4	18.1	13.92	0.0
31	3.3	3.1	3.7	590	12.7	13.6	93	2	6	74	35	18.7	15.0	14.2	11.55	0.0
Total	—	—	—	19385	385.5	431.2		48	174	—	—	—	—	517.6	402.65	0.0
Mean	(3.5)	(3.1)	(4.1)	625.3	12.4	13.9	87	1.6	5.8	68	29	16.0	13.0	16.7	12.99	—

Maximum Amount of Rainfall In One Day . . . . . 0 mms. on —

Lowest Value of Relative Humidity . . . . . 16 % on 29th

Highest Value of Vapour Pressure . . . . . 21.4 mms. on 31th

Lowest Value of Vapour Pressure . . . . . 7.5 mms. on 25th

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

GIZA — JULY 1962

Depth in cms.	Dry Soil		Wet Soil		Grass	
	Highest °C	Lowest °C	Highest °C	Lowest °C	Highest °C	Lowest °C
0.3	67.7	21.0	39.6	19.8	39.0	22.3
1	61.2	22.1	37.8	20.0	35.7	22.0
2	58.0	23.0	36.2	20.2	34.9	22.0
5	46.3	26.4	35.7	21.3	33.4	23.2
10	39.8	29.8	33.8	23.3	30.6	24.8
20	35.3	31.6	32.6	24.8	29.0	25.7
50	33.7	31.9	27.6	25.5	27.4	25.4
100	31.3	29.5	25.6	23.7	25.6	23.8
200	27.9	26.3	22.9	21.4	23.6	22.2
300	25.6	24.6	—	—	—	—

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

TAHRIR — JULY 1962

Depth in cms.	Dry Soil		Wet Soil		Grass	
	Highest °C	Lowest °C	Highest °C	Lowest °C	Highest °C	Lowest °C
0.3	59.5	19.8	—	—	—	—
1	56.8	20·0	—	—	—	—
2	54.9	20.2	—	—	—	—
5	49.9	22.3	—	—	—	—
10	43.6	25.4	—	—	—	—
20	37.2	29.4	—	—	—	—
50	32.8	30.4	—	—	—	—
100	30.9	29.3	—	—	—	—
200	28.4	26.8	—	—	—	—
300	26.8	25.4	—	—	—	—
600	24.55	24.05	—	—	—	—

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

GIZA — JULY 1962

10	knots	or	above	28	Days	**30**	knots	or	above	0	Days
15	,,	,,	,,	2	,,	**35**	,,	,,	,,	0	,,
20	,,	,,	,,	0	,,	**40**	,,	,,	,,	0	,,
25	,,	,,	,,	0	,,						

The highest gust 23 knots on 58 6th.

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THE ARAB REPUBLIC OF EGYPT

MONTHLY WEATHER REPORT

VOLUME 5 NUMBER 8

AUGUST, 1962

U.D.C. 551. 506.1 (62)

METEOROLOGICAL DEPARTMENT
CAIRO

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Note.—For explanatory notes on tables, please refer to Volume 5, Number 1 (January 1962).

GENERAL SUMMARY OF WEATHER CONDITIONS

AUGUST 1962

Ordinary Summer weather, rather mild over the Mediterranean coast, hot intervened with mild periods over the Delta, Canal, Cairo and Middle Egypt areas but almost excessively hot over extreme Upper Egypt.

THE MAIN FEATURES

— A prevailing heat wave within the 2nd week. Excessive maximum temperatures over Upper Egypt district most of the month.

— Subnormal relative humidity over Upper Egypt and Cairo Area districts, ranging between 10% & 30% and between 40% & 60% respectively.

— Three consecutive oscillations in the complex monsoon low pressure system over Iraq, Arabia and Sudan.

— Fresh/strong winds over the western part of the Mediterranean coast and Red Sea coast during several days (5—10 days).

— Frequent early morning low stratus or mist patches over the Delta, Canal and Cairo areas.

GENERAL DESCRIPTION OF WEATHER

The Mediterranean coastal district enjoyed mild weather most days of this month and maximum temperatures ranged between 28°C & 32°C. As an exception the 2nd week was intervened by a heat wave which was characterized by maximum temperatures ranging between 35°C & 37°C. Over the Delta, Canal, Cairo and Middle Egypt districts, consecutive heat waves separated by mild periods of short durations were experienced, the first of which was excessive and yielded maximum temperatures between 38°C & 42°C. On the other hand, Upper Egypt district suffered excessively hot weather most of this month and maximum temperature ranged between 40°C & 47°C.

It is worth to mention that early morning low stratus and mist patches developed frequently most days of the month over Delta, Canal & Cairo areas.

The monthly mean values of various meteorolgical 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)						Reliative humidty (%)		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 . .	1009.3	0.0	31.2	+ 0.7	22.9	+ 0.7	27.0	+ 0.7	73	— 1	0.0	0.0
Lower Egypt . .	1008.8	+ 0.1	34.3	0.0	20.6	+ 0.1	27.4	0.0	63	— 6	0.0	—0.3
Cairo Area. . . .	1008.5	+ 0.1	35.4	+ 0.6	22.3	+ 1.1	28.8	+ 0.8	52	— 6	0.0	0.0
Upper Egypt. . .	1006.9	+ 0.6	38.9	+ 0.9	23.0	+ 0.9	31.0	+ 0.9	36	— 8	0.0	0.0
Western Desert . .	1007.9	— 0.4	39.3	+ 1.3	22.2	+ 0.7	30.8	+ 1.0	27	—10	0.0	0.0
Red Sea	1005.0	— 0.2	34.4	+ 0.6	27.0	+ 1.5	30.7	+ 1.0	50	— 5	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

During this month, the pressure distribution over the surface map, as a whole, was rather unchangeable and retained, in most days, the typical common summer distribution features. The large scale pressure systems that dominated this month were :

— Two monsoon low pressure systems one occupying Iraq, Arabia & Sudan, and the second over the Great Sahara of Africa.

— The subtropical high pressure belt stretching north the last monsoon low pressure systems through North Africa, Mediterranean and south Urasia.

— The deep low pressure systems travelling from north Atlantic through Urasia along their preferred east and northeast tracks.

The monsoon low pressure system over Iraq, Arabia & Sudan, the dominant pressure distribution of the Near East & Middle East regions this month deepened three times round the 7th, 16th & 21st. During the deepening processes, the west arm of the complex monsoon showed a marked extension in the west through East Mediterranean and the consequent fall in the barometric pressure over Egypt ranged between 4 & 8 mbs.

The subtropical high pressure belt was the dominant pressure distribution of the North Africa, the Mediterranean and the south Urasia regions this month. It was rather stationary and appeared slightly disturbed and tilted in its northern vicinities by the approach of the travelling deep low pressure systmes from north Atlantic across thier preferred tracks eastwards or northeastwrds, but rapidly re-established again.

At both 700 & 500 mb.levels, the dominating features of the pressure patterns can be summarized in the high pressure belt stretching between latitudes 15°N & 45°N, the upper low pressure systems north latitude 55°N and the extended southward upper troughs up to 35°N latitude.

SURFACE WIND

The prevailing winds, this month, were light/moderate in general, NEly during periods (1st—4th), (7th—12th), (15th—17th) & (25th-26th); NWly during periods (5th-6th), (13th-14th), (18th-24th) & (27th-31st). Fresh/strong winds blew during variable periods on several days (5—10 days) over the western part of the Mediterranean coast, Cairo area and Red Sea district.

TEMPERATURE

Maximum temperature was slightly above normal over the northern districts and its values ranged between 28 & 32°C. Over the mild-inland districts, it oscillated slightly round its normal and its values ranged between 33 & 37°C. As an exception, the second week was characterized by a heat wave yielding maximum temperatures of 40 to 42°C. Over the far inland districts, maximum temperature was excessive and its values ranged between 40 & 47°C. The absolute maximum temperature for the Republic was 48.8°C reported at Kom Ombo on the 11th.

Minimum temperature was irregularly changeable, mostly below normal over the western part of the Mediterranean coast, to a moderate extent round its normal over the eastern part of the Mediterranean coast, but slightly above normal elsewhere and accordingly its values ranged between 18 & 23°C, between 20 & 25°C and between 24 & 28°C respectively.

The absolute minimum temperature for the Republic was 14.5°C reported at Gimmeiza on the 29th.

MISCELLANEOUS WEATHER PHENOMENA

Mist patches developed at : Sallum on the 8th, 9th & 31st; Matruh on the 5th; Ras El Teen on the 7th & 16th ; Alexandria on the 6th & 7th ; Port Said on the 4th, (14th—17th), 20th & 21st ; El Arish on the 7th, (16th-18th), 21st, 28th & 29th; Ghazza on the 5th & 18th ; Tahrir on the 2nd, 4th, 5th, 6th, 8th, 10th, 12th, 15th, 16th, 22nd, 28th & 30th ; Shebin El Kom on the 5th, 6th ;

Abu Sueir on the 2nd, 4th, 8th, 9th, (13th—15th), 19th, 20th, 25th 26th, 28th, & 30th ; Banha on the 4th, 5th, 9th, 15th & 31st ; Zaher on the 4th, 26th & 27th ; Inshas on the 1st, 5th, 7th, 13th, (15th-17th), 21st, 25th, 29th, 30th & 31st; Cairo on the 1st, (3rd-6th), (11th-20th), (25th-27th) & 30th; Mostafa Helmi on the (1st-9th), (12th-20th), 22nd, (24th-28th), 30th & 31st; Almaza on the 1st, (3rd-6th), 15th, 16th, 18th, 19th, (25th-27th), 30th & 31st; Abbasiya on the (1st-5th), 16th & 1st ; Imbaba on the 4th, 15th, 16th, 25th & 31st an at Giza on the 15th.

Fog patches developed at : Ghazza on the 10th ; Tahrir on the 9th & 31st ; Abu Sueir on the 5th & 27th ; Banha on the 27th ; Zaher on the 31st ; Inshas on the 2nd, 27th & 28th ; Cairo on the 2nd, 28th & 31st and at Almaza on the 2nd & 28th.

Local rising sand or dust was reported at : El-Arish on the 14th ; Tahrir on the 20th ; Mostafa Helmi on the 8th, 10th ;Minya on the 11th, 12th ; Aswan on the 9th, 13th ; Dakhla on the 8th, 11th, 12th ; Kharga on the 11th, 13th, 31st ; Abu Redes on the 10th ; Tor on the 2nd, 13th, 14th & Quesir on the 23th, 28th, 29th.

Sandstorm was reported at Kharga on the 7th.

Cairo, September 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

AUGUST 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 norma
Mediterranean	Sallum	6.0	1009.5	— 0.1	1009.9	— 0.1	1009.9	+ 0.1	1009.5	— 0.4	5.2	1010.0	— 0.1	1010.4	— 0.1	1010.3	+ 0.1	1010.0	— 0.4
	Sidi Barrani	23.3	1007.0	— 0.3	1007.3	— 0.0	1007.2	— 0.2	1006.2	— 1.3	23.3	1009.6	— 0.1	1009.9	— 0.0	1009.8	— 0.2	1009.5	— 0.3
	Mersa Matruh (A)	30.0	1006.3	+ 0.2	1006.8	+ 0.4	1006.7	+ 0.3	1006.6	+ 0.2	30.0	1010.0	+ 0.2	1010.5	+ 0.4	1010.4	+ 0.3	1010.3	+ 0.2
	Ras El Hikma	45.8	1003.5	—	1004.6	—	1004.2	—	1003.8	—	45.8	1008.8	—	1009.9	—	1009.5	—	1009.3	—
	Dabaa	18.0	1006.9	—	1007.6	—	1007.3	—	1007.3	—	17.8	1008.9	—	1009.6	—	1009.3	—	1009.2	—
	Dekheila (A)	6.0	1008.7	—	1009.2	—	1009.2	—	1009.2	—	5.9	1009.3	—	1009.8	—	1009.8	—	1009.6	—
	Ras El Teen	8.4	1008.3	—	1008.8	—	1008.8	—	1008.6	—	8.4	1009.3	—	1009.8	—	1009.8	—	1009.6	—
	Alexandria (A)	7.0	1008.0	+ 0.5	1008.8	+ 0.4	1008.6	+ 0.6	1008.5	+ 0.5	6.8	1008.8	+ 0.5	1009.6	+ 0.4	1009.4	+ 0.6	1009.3	+ 0.5
	Balteam	2.2	1008.4	—	1008.9	—	1008.8	—	1008.7	—	2.2	1008.6	—	1009.1	—	1009.0	—	1008.9	—
	Damietta	3.8	1008.1	—	1009.0	—	1008.5	—	1008.6	—	3.8	1008.5	—	1009.4	—	1008.9	—	1009.0	—
	Port Said (A)	6.1	1007.4	+ 0.4	1008.2	+0.5	1007.7	+ 0.5	1007.7	+ 0.4	6.1	1008.1	+ 0.4	1008.9	+ 0.5	1008.4	+ 0.5	1008.4	+ 0.4
	El Arish	17.1	1006.3	+ 0.5	1007.1	— 0.4	1006.3	— 0.5	1006.8	— 0.3	17.1	1008.2	+ 0.5	1009.0	— 0.4	1008.2	— 0.5	1008.9	— 0.3
	Ghazza	15.7	1006.3	—	1007.0	—	1006.3	—	1006.6	—	15.7	1007.1	—	1008.8	—	1008.1	—	1008.4	—
Lower Egypt	Mansoura	4.9	1008.3	—	1008.8	0.2	1007.8	+ 0.3	1008.3	— 0.1	3.4	1008.7	—	1009.2	0.2	1008.2	+ 0.3	1008.7	+ 0.1
	Damanhour	6.7	1009.1	—	1008.8	— 0.0	1008.8	+ 0.6	1008.8	+ 0.2	6.7	1009.8	—	1009.5	+ 0.0	1009.5	+ 0.6	1009.4	+ 0.1
	Gimmeiza	8.9	—	—	1009.0	—	1008.4	—	1008.3	—	8.9	—	—	1010.0	—	1009.4	+ 0.9	1009.3	—
	Tanta	14.8	1006.9	—	1007.5	— 0.8	1006.4	+ 0.9	1007.1	— 0.7	15.4	1008.1	—	1008.7	0.8	1007.6	—	1008.3	— 0.7
	Tahrir	16.0	1006.9	—	1007.4	—	1006.0	—	1006.8	—	18.6	1009.1	—	1009.5	—	1008.1	— 0.1	1008.9	—
	Shebin El Kom	13.1	1007.3	—	1008.1	+ 0.2	1006.7	— 0.1	1007.4	0.0	13.8	1008.8	—	1009.6	— 0.2	1008.2	0.1	1008.9	0.0
	Zagazig	13.0	1005.2	—	1008.5	— 0.5	1007.1	+ 0.1	1007.8	— 0.2	13.0	1006.8	—	1010.1	+ 0.5	1008.7	—	1009.4	+ 0.2
	Abu Sueir (A)	16.0	1007.1	—	1008.0	—	1006.3	—	1007.4	—	16.0	1009.0	—	1009.3	—	1003.0	—	1009.2	—
	Zaher (A)	14.9	1007.4	—	1007.7	—	1006.3	—	1007.1	—	14.9	1009.2	—	1009.4	—	1008.0	—	1008.8	—
	Banha	30.0	1004.3	—	1005.0	—	1003.9	—	1004.2	—	30.0	1007.8	—	1008.5	—	1007.3	+ 1.5	1007.7	—
	Wadi El Natrun	0.9	1009.4	—	1010.2	+ 0.9	1008.6	+ 1.5	1009.6	+ 1.2	0.9	1009.5	—	1010.3	+ 0.9	1008.7	—	1009.6	+ 1.2
	Inshas (A)	25.5	1004.6	—	1005.3	—	1004.1	—	1004.7	—	25.6	1007.6	—	1008.3	—	1007.0	—	1007.6	—
	Fayed (A)	22.5	1006.6	—	1007.4	—	1005.6	—	1006.6	—	22.5	1008.3	—	1009.8	—	1008.0	—	1009.0	—
	Kabrit (A)	7.6	1007.4	—	1008.3	—	1006.3	—	1006.9	—	7.6	1008.7	—	1009.6	—	1007.5	—	1008.2	—

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

AUGUST 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	1001.1	+0.1	1002.1	+ 0.8	1000.6	+ 0.7	1001.3	+ 1.4	74.0	1008.6	— 0.1	1009.5	+ 0.8	1007.9	+ 0.7	1008.6	+ 1.3
	Mostafa Helmi (A)	164.0	990.0	—	990.9	—	989.9	—	990.0	—	164.0	1008.8	—	1009.6	—	1008.1	—	1008.5	—
	Almaza (A)	78.5	999.3	— 0.3	1000.2	0.0	998.8	— 0.2	999.3	— 0.1	78.6	1008.3	— 0.3	1009.2	0.0	1007.6	— 0.2	1008.2	— 0.1
	Abbasiya (H.Q.)	26.4	1006.4	—	1007.2	—	1005.8	—	1006.3	—	26.4	1009.5	—	1010.2	—	1008.8	—	1009.8	—
	Imbaba (A)	19.0	1006.6	—	1006.5	—	1006.0	—	1006.5	—	19.0	1008.7	—	1009.0	—	1008.1	—	1008.6	—
	Giza	22.5	1006.0	—	1006.7	+ 0.1	1005.4	0.0	1005.6	— 0.2	22.5	1008.8	—	1009.5	+ 0.2	1008.1	— 0.0	1008.3	— 0.2
	Helwan	140.7	992.3	—	993.1	+ 0.1	991.8	+ 0.5	992.2	+ 0.2	140.7	1008.8	—	1009.5	+ 0.1	1007.7	+ 0.6	1009.4	+ 0.4
Upper Egypt	Fayoum	23.3	1005.7	—	1006.5	+ 0.1	1004.7	+ 0.4	1005.1	+ 0.8	23.3	1008.6	—	1009.4	+ 0.6	1007.4	+ 0.3	1008.0	+ 0.9
	Beni Suef	30.4	1004.4	—	1005.6	+ 0.2	1003.9	0.0	1003.9	+ 0.3	30.0	1007.8	—	1009.0	+ 0.2	1007.2	0.0	1007.2	+ 0.3
	Minya (A)	40.5	1002.2	— 0.7	1003.5	— 0.4	1002.5	+ 0.3	1001.8	— 0.5	40.3	1006.8	—	1008.1	—	1006.9	—	1006.3	—
	Asyout Mangabad (A)	69.6	999.5	+ 0.6	1001.0	+ 0.6	999.5	+ 0.7	999.1	+ 0.6	69.5	1007.5	+ 0.6	1009.0	+ 0.6	1007.2	+ 0.7	1007.0	+ 0.6
	Nag Hammadi	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kena	74.2	997.8	—	999.2	+ 0.4	997.6	+ 0.6	997.3	+ 0.2	74.2	1006.2	—	1007.6	+ 0.4	1005.7	+ 0.6	1005.5	+ 0.2
	Luxor (A)	88.5	995.3	— 0.4	996.7	— 0.5	994.9	+ 0.5	994.8	— 0.6	88.4	1005.3	— 0.4	1006.6	+ 0.5	1004.5	— 0.6	1004.6	— 0.7
	Kom Ombo	102.6	993.5	—	995.2	—	993.1	—	993.1	—	102.6	1005.4	—	1006.7	—	1004.3	—	1004.4	—
	Aswan (A)	193.9	983.0	—	984.5	— 0.5	982.6	+ 0.3	982.6	— 0.5	193.5	1005.5	—	1006.7	— 0.4	1004.2	× 0.3	1004.5	— 0.5
Western Desert	Siwa	—13.5	1011.3	+ 0.2	1012.7	+ 0.1	1011.2	+ 0.2	1010.4	+ 0.2	—13.3	1009.8	+ 0.3	1011.1	+ 0.1	1009.6	+ 0.2	1008.8	+ 0.1
	Bahariya	129.5	993.4	— 0.2	994.4	+ 0.1	993.6	— 0.2	993.2	+ 0.1	129.6	1008.6	— 0.2	1009.8	+ 0.2	1007.8	+ 0.4	1007.7	— 0.3
	Farafra	91.8	998.6	— 0.2	1000.2	— 0.3	998.6	— 0.3	998.3	— 0.5	92.1	1009.2	— 0.3	1010.7	+ 0.3	1008.8	— 0.3	1008.7	— 1.5
	Dakhla	111.5	993.4	—	994.5	— 1.0	993.1	— 0.7	992.7	— 1.5	111.5	1006.1	—	1007.0	— 1.2	1005.2	— 0.7	1005.1	— 1.5
	Kharga	72.8	997.9	—	999.2	— 2.0	997.7	1.7	997.7	— 1.7	73.0	1006.1	—	1007.5	— 0.9	1005.4	— 1.7	1005.7	— 0.7
Red Sea	Suez	11.5	1006.0	—	1008.2	+ 0.7	1006.7	+ 0.1	1007.0	+ 0.6	12.2	1007.2	—	1009.4	+ 0.7	1007.9	— 0.1	1008.3	—
	Abu Redes	4.0	1005.2	—	1006.7	—	1005.1	—	1005.0	—	4.0	1005.6	—	1007.1	—	1005.5	—	1005.4	+ 0.7
	Tor	4.2	1004.1	—	1005.6	— 0.4	1004.3	— 0.8	1003.9	- 0.7	4.2	1004.5	—	1006.0	— 0.4	1004.7	— 0.8	1004.3	+ 0.6
	Hurghada	2.8	1004.7	+ 1.2	1006.4	+ 0.4	1004.6	— 0.8	1004.6	+ 0.6	2.8	1004.4	+ 1.2	1006.6	+ 0.7	1004.8	— 0.3	1004.8	—
	Quseir	10.8	1003.5	—	1004.9	+ 0.7	1004.0	— 0.7	1003.6	— 0.8	11.3	1004.5	—	1005.9	— 0.2	1005.0	— 0.7	1004.6	— 0.8
	Abul Kizan	5.0	—	—	1005.5	— 0.2	1005.0	—	1004.8	—	5.0	—	—	1005.0	—	1005.5	—	1005.3	—

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

AUGUST 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	24.1	—	25.8	— 1.0	30.1	+ 0.3	27.0	+ 0.2	22.4	—	22.7	+ 0.5	24.2	+ 0.8	23.6	+ 1.2	86	—	76	+10	59	+ 3	74	+ 6
	Sidi Barrani	23.6	—0 2	26.0	0.0	28.5	+ 0.1	25.6	— 0.1	21.9	+ 0.3	23.0	+ 0.2	24.0	+ 0.1	23 0	+ 0.1	86	+ 4	76	+ 1	67	0	79	— 1
	Mersa Matruh (A)	22.5	—0.3	25.8	— 0.4	29.2	+ 0.7	25.7	0.0	20.5	— 0.2	22.6	+ 0.1	23.5	0.0	22.7	+ 0.1	83	+ 1	75	+ 3	60	— 4	76	0
	Ras El Hikma	24.5	—	25.9	—	27.6	—	25.3	—	23.2	—	24.1	—	25.0	—	23.8	—	89	—	85	—	80	—	88	—
	Dabaa	22.9	—	26.1	—	29.8	—	25.7	—	21.0	—	23.0	—	23.4	—	22.7	—	84	—	76	—	56	—	76	—
	Dekheila (A)	24.9	—	27.1	—	30.3	—	26.7	—	22.0	—	23.0	—	24.3	—	23.0	—	77	—	69	—	59	—	72	—
	Ras El Teen	26.0	—	27.0	—	28.2	—	26.8	—	23.1	—	23.6	—	24.1	—	23.6	—	77	—	74	—	70	—	75	—
	Alexandria (A)	24.1	+0.3	28.4	+ 1.3	31.6	+ 2.1	26.2	+ 0.6	22.2	+ 0.3	24.2	+ 0.9	25.1	+ 1.0	23.4	+ 0.6	84	0	69	— 2	57	— 5	78	0
	Balteam	25.3	—	28.1	—	30.8	—	26.4	—	22.6	—	23.9	—	24.1	—	23.3	—	78	—	69	—	55	—	76	—
	Damietta	24.0	—	27.3	— 0.1	31.7	+ 2.1	26.2	+ 0.1	22.4	—	24 0	0 0	25.1	+ 0.7	23.7	0.0	88	—	75	+ 1	56	— 7	80	— 1
	Port Said (A)	26.2	+0.3	27.2	0.0	29.9	+ 0.3	27.3	+ 0.2	23.4	+ 0.4	23.8	+ 0.2	24.8	+ 0.3	24.0	0.0	78	+ 1	73	+ 1	64	0	75	— 1
	El Arish	24.5	+0.6	28.5	0.0	31.3	+ 1.9	27.2	+ 0.4	22.7	+ 0.6	24.4	+ 0.3	25.4	+ 0.4	24.3	+ 0.5	85	0	69	+ 1	60	— 8	77	0
	Ghazza	25.0	—	28.3	—	29.3	—	27.6	—	23.1	—	24.7	—	25.6	—	24.9	—	84	—	73	—	73	—	80	—
Lower Egypt	El Sirw	23.4	—	27.4	+ 0.3	32.3	— 1.1	26.4	+ 0.4	—	—	24.0	0.0	24.4	— 1.1	23.5	— 0.3	—	—	74	— 2	50	—11	77	— 5
	Sakha	22.3	—	25.5	— 1.1	34.4	+ 1.1	27.1	+ 1.6	—	—	23.0	— 0.6	25.9	+ 0.7	24.4	+ 1.6	—	—	80	+ 3	49	— 1	79	0
	Mansoura	20.8	—	26.1	— 0.1	32.3	— 1.7	25.0	— 1.4	20.2	—	23.8	+ 0.8	24.4	+ 0.8	22.5	0.0	95	—	82	+ 7	50	+11	80	+10
	Damanhour	23.4	—	25.5	— 1.5	32.7	+ 0.9	25.7	+ 0.3	—	—	23.4	— 0.2	24 3	— 0.7	22.9	+ 0.3	—	—	83	+ 9	47	— 3	78	0
	Gimmeiza	—	—	26.5	+ 0.3	34.6	+ 1.1	26.7	+ 1.3	—	—	24 0	+ 0.3	25.5	+ 0.6	23.2	+ 0.2	—	—	80	0	46	— 3	73	— 8
	Tanta	22.5	—	26.2	+ 0.2	34.9	+ 1.2	27.1	+ 1.2	20.6	—	23.1	— 0.1	24.5	+ 0.4	22.4	+ 0.2	83	—	76	— 2	40	— 2	65	— 7
	Tahrir	22.5	—	26.0	—	34.5	—	27.4	—	20.9	—	22.9	—	22.9	—	22.1	—	86	—	76	—	34	—	61	—
	Shebin El Kom	21.7	—	24.9	— 1.0	34.1	+ 0.2	26.2	— 0.9	20.3	—	22.7	+ 0.5	24.9	+ 1.5	22.4	+ 0.3	87	—	82	+ 9	45	+ 7	69	+ 6
	Zagazig	24.1	—	25.0	— 1.7	33.3	— 0.4	27.7	+ 0.9	—	—	22.7	+ 1.0	24.1	— 0.7	22 9	— 0.1	—	—	81	+ 4	44	— 2	65	— 5
	Abu Sueir (A)	24.4	—	26.9	—	35.3	—	29.1	—	22.0	—	23.2	—	22.5	—	22.6	—	80	—	72	—	29	—	55	—
	Banha	22.7	—	24.6	—	33.8	—	27.2	—	20.9	—	22.4	—	24.1	—	22.4	—	84	—	82	—	42	—	50	—
	Zaher (A)	23.7	—	25.7	—	33.9	—	28.3	—	21.9	—	23.1	—	24.2	—	23.1	—	85	—	79	—	42	—	63	—
	Wadi El Natrun	23.6	—	26.0	0.0	3[illegible].3	+ 1.1	29.0	+ 0.4	20.7	—	22.3	0.0	21.7	— 1.1	21.3	— 0.8	76	—	72	0	22	— 9	47	— 8
	Inshas (A)	23.0	—	25.5	—	33.6	—	27.5	—	21.0	—	22.7	—	23.8	—	22.5	—	83	—	78	—	41	—	63	—
	Fayed (A)	25.5	—	27.6	—	36.4	—	30.0	—	21.9	—	23.1	—	22.6	—	22.6	—	71	—	67	—	26	—	51	—
	Kabrit (A)	25.1	—	26.5	—	35.0	—	29.8	—	22.1	—	22.6	—	23.4	—	22.8	—	76	—	70	—	34	—	53	—
Cairo Area	Cairo (A)	24 4	+ 0.7	25.8	+ 0.8	34.0	+ 0.6	29.5	+ 0.2	21.5	+ 0.5	22.2	+ 0.5	22.5	+ 1.1	22.1	+ 0.2	76	— 2	72	— 2	33	— 1	50	0
	Mostafa Helmi (A)	23.1	—	24.8	—	34.1	—	28.4	—	20.7	—	21.5	—	21.3	—	21.2	—	80	—	73	—	28	—	50	—
	Almaza (A)	24.4	+ 0.2	25.8	+ 0.6	34.6	+ 1.1	29.3	— 0.3	20.7	— 0.8	21.4	— 0.5	22.9	— 0.7	21.6	— [illegible]	70	— 8	66	— 8	34	0	47	— 3
	Abbasiya (H.Q.)	24.4	—	27.0	—	35.4	—	29.3	—	21.9	—	23.0	—	24.4	—	22.9	—	80	—	69	—	38	—	57	—
	Imbaba (A)	22.7	—	25.9	—	34.1	—	28.2	—	20.3	—	22.3	—	23.7	—	22.3	— [illegible]	79	—	72	—	39	—	58	—
	Giza	23.3	—	25.7	+ 0.3	33.6	— 0.5	29.1	+ 0.8	21.3	—	22.6	+ 0.8	22.9	— 0.1	22.	0.0	83	—	76	0	37	+ 1	51	— 5
	Helwan	24.5	—	26.6	+ 1.6	34.9	+ 1.1	29.9	— 0.1	20.7	—	21.3	+ 0.2	21.9	+ 1.0	21.5	+ 0.7	69	—	61	— 8	28	+ 1	44	+ 4

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

AUGUST 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	25.0	—	27.3	+ 1.1	36.6	+ 1.9	30.9	+ 1.2	20.8	—	22.4	+ 0.3	22.1	+ 0.3	21.4	+ 0.1	67	—	64	— 3	23	— 5	40	— 3
	Beni Suef	24.5	—	26.1	— 1.2	36.6	+ 0.1	29.2	— 0.2	20.3	—	21.9	— 0.5	22.9	— 0.1	21.2	— 0.1	66	—	67	+ 3	27	— 1	46	0
	Seds	23.7	—	27.1	+ 0.4	35.3	+ 0.5	28.4	+ 0.6	—	—	23.5	+ 0.4	24.8	+ 1.4	22.4	+ 0.8	—	—	72	— 1	40	+ 5	58	+ 2
	Minya (A)	23.4	+ 0.2	25.8	— 0.1	35.5	— 0.1	28.5	+ 0.2	19.9	+ 0.9	21.6	0.0	23.0	+ 0.9	21.5	+ 0.9	71	+ 6	67	0	31	+ 4	52	+ 5
	Mallawi	21.8	—	24.8	—	34.7	—	27.0	—	—	—	22.3	—	25.3	—	22.1	—	—	—	80	—	45	—	64	—
	AsyoutMangabad. (A)	26.7	+ 0.6	27.0	+ 0.2	37.1	+ 0.9	31.5	+ 0.6	18.0	0.0	20.2	— 0.1	21.4	— 0.4	20.3	+ 0.3	39	— 3	51	— 2	20	— 3	31	— 1
	Shandaweel	24.4	—	28.0	— 0.5	38.2	+ 1.6	29.1	+ 0.5	—	—	22.3	0.0	24.9	+ 0.5	22.3	+ 0.3	—	—	59	+ 2	30	— 3	53	— 1
	Nag Hammadi	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kena	29.0	—	31.2	+ 0.8	39.6	— 0.5	33.0	— 0.2	—	—	22.1	+ 1.2	24.6	+ 1.7	21.9	+ 1.0	—	—	42	+ 3	25	+ 6	34	+ 5
	Luxor (A)	28.3	+ 0.7	31.9	+ 0.4	40.7	+ 0.8	34.0	+ 1.9	18.6	+ 0.7	21.5	+ 0.8	22.6	— 0.2	21.0	+ 0.4	35	+ 2	36	+ 2	17	— 3	27	— 2
	Kom Ombo	27.7	—	32.0	—	42.0	—	34.3	—	17.6	—	20.4	—	22.5	—	20.3	—	32	—	30	—	14	—	22	—
	Aswan (A)	29.7	—	32.6	+ 1.0	41.2	+ 0.9	36.7	+ 0.7	16.9	—	18.5	— 1.9	20.9	— 1.9	19.0	— 2.1	21	—	19	—13	10	— 8	12	— 9
Western Desert	Siwa	25.8	+ 0.4	26.0	+ 0.6	36.7	+ 0.5	32.4	— 0.1	18.5	— 0.5	20.4	0.0	20.8	— 0.7	19.1	— 0.9	46	— 5	58	— 4	18	— 4	23	— 4
	Bahariya	26.1	—	26.8	+ 0.8	37.5	+ 2.3	32.7	+ 2.2	18.3	—	19.9	— 1.2	20.9	— 1.6	19.8	— 1.0	44	—	50	—13	17	—13	25	—13
	Farafra	26.5	—	27.5	+ 0.2	37.8	+ 1.3	32.3	+ 1.6	16.1	—	17.8	— 2.2	20.2	— 2.2	18.3	— 1.2	29	—	34	—14	14	—11	19	—12
	Dakhla	26.5	—	29.8	+ 0.8	39.2	+ 2.0	33.1	+ 0.5	16.2	—	18.6	0.0	20.5	— 0.1	18.5	— 0.2	29	—	29	— 3	12	— 5	18	— 2
	Kharga	26.7	—	31.0	+ 1.3	40.8	+ 2.5	32.7	— 0.5	17.8	—	20.6	— 0.2	22.9	— 0.4	20.3	— 0.7	41	—	35	— 6	18	— 7	27	— 2
Red Sea	Suez	26.5	—	27.5	+ 0.9	35.7	+ 1.1	31.1	+ 1.4	—	—	24.3	+ 1.5	24.5	+ 1.6	24.2	+ 1.1	—	—	76	+ 5	37	+ 3	54	— 1
	Abu Redes	27.8	—	28.4	—	31.6	—	30.7	—	22.9	—	23.4	—	24.2	—	23.7	—	61	—	64	—	52	—	53	—
	Tor	28.3	—	28.7	+ 0.1	31.9	— 0.5	31.1	+ 1.0	23.6	—	24.1	— 0.5	24.7	— 0.7	23.5	— 0.2	66	—	66	— 4	53	— 2	50	— 6
	Hurghada	29.1	+ 1.1	30.9	+ 1.7	33.4	+ 1.9	31.1	+ 0.4	20.8	+ 0.1	21.9	— 1.3	24.1	— 1.3	22.2	— 1.3	44	— 5	42	—16	44	—15	43	— 9
	Quseir	29.3	—	31.8	+ 0.3	32.7	+ 0.4	30.6	+ 0.3	21.0	—	23.3	+ 0.1	25.5	— 0.5	23.3	— 0.6	44	—	46	— 1	54	— 5	51	— 5
	Abul Kizan	29.7	—	31.4	— 0.1	31.4	— 0.9	30.1	— 0.1	—	—	26.9	— 0.4	27.1	— 0.8	27.0	— 0.4	—	—	69	— 2	71	+ 1	78	— 2

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

AUGUST 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	1009.7	— 0.1	1010.2	— 0.1	31.2	— 0.1	23.0	+ 2.0	27.1	a	26.9	+ 0.0	a	23.2	+ 1.4	a	72	— 5
	Sidi Barrani	a	1007.0	— 0.5	1009.6	— 0.5	29.0	— 0.2	22.7	+ 0.5	25.6	a	25.8	+ 0.2	a	22.9	+ 1.3	a	77	+ 1
	Mersa Matruh (A)	a	1006.6	+ 0.4	1010.3	+ 0.4	30.2	+ 0.6	21.0	— 0.2	25.6	a	25.6	— 0.0	a	22.2	0.0	a	73	0
	Ras El Hikma	a	1004.0	—	1009.4	—	28.1	—	23.6	—	25.8	a	25.8	—	a	24.0	—	a	85	—
	Dabaa	a	1007.[illegible]	—	1009.3	—	30.4	—	21.5	—	26.0	a	26.0	—	a	22.3	—	a	72	—
	Dekheila (A)	a	1009.1	—	1009.7	—	30.8	—	23.6	—	27.2	a	27.2	—	a	23.0	—	a	68	—
	Ras El Teen	a	100[illegible].6	—	1009.6	—	29.0	—	25.3	—	27.2	a	27.0	—	a	23.6	—	a	74	—
	Alexandria (A)	a	10[illegible]8.5	— 0.1	1009.3	— 0.1	32.5	+ 2.2	22.7	0.0	27.6	a	27.5	+ 0.9	a	23.6	+ 0.7	a	71	— 1
	Balteam	a	1008.7	—	1008.9	—	32.2	—	23.5	—	27.8	a	27.6	—	a	23.4	—	a	68	—
	Damietta	a	1008.5	+ 0.2	1008.9	+ 0.2	32.8	+ 1.3	22.5	+ 1.0	27.6	a	27.2	+ 1.0	a	23.7	+ 0.3	a	73	— 5
	Port Said (A)	a	1007.7	+ 0.1	1008.4	+ 0.1	30.5	— 0.2	25.4	+ 0.4	28.0	a	27.6	+ 0.2	a	23.9	0.0	a	72	— 1
	El Arish	a	1006.7	— 0.2	1008.6	— 0.2	32.3	+ 1.4	23.0	+ 1.2	27.6	a	27.6	+ 1.0	a	24.1	+ 1.5	a	74	+ 2
	Ghazza	a	1006.5	—	1008.3	—	30.0	—	23.3	—	26.6	a	27.3	—	a	24.5	—	a	78	—
Lower Egypt	El Sirw	—	—	—	—	—	33.2	+ 1.4	21.7	+ 1.4	27.4	c	27.4	+ 1.2	c	24.3	+ 0.8	e	76	— 3
	Sakha	—	—	—	—	—	34.6	+ 0.7	20.5	+ 1.2	27.6	c	27.3	+ 1.1	c	24.8	+ 1.0	e	80	+ 2
	Mansoura	a	1008.3	+ 0.2	1008.7	+ 0.2	32.8	— 2.0	19.4	— 1.4	26.1	a	25.9	— 0.9	a	22.5	— 0.6	a	73	+ 1
	Damanhour	c	1008.9	+ 0.9	1009.5	+ 0.9	33.3	+ 0.5	20.8	+ 0.2	27.0	c	26.8	+ 0.6	c	24.2	+ 0.9	e	80	+ 4
	Gimmeiza	c	—	—	—	—	35.1	+ 0.5	19.6	+ 0.4	27.4	c	—	—	c	—	—	e	76	— 4
	Tanta	a	10[illegible].9	— 1.0	1008.1	— 1.0	34.0	— 0.5	21.1	— 1.9	27.8	a	27.7	+ 1.5	a	22.5	— 0.5	a	62	—13
	Tahrir	a	1005.7	—	1008.8	—	35.5	—	21.2	—	28.4	a	27.5	—	a	22.0	—	a	60	—
	Shebin El Kom	a	1007.3	— 0.1	1008.8	— 0.1	34.8	— 0.3	20.1	— 0.4	27.4	a	26.9	+ 0.1	a	22.5	— 0.1	a	67	— 1
	Zagazig	c	1007.2	— 0.3	1008.8	— 0.3	34.1	— 0.6	21.5	+ 1.4	27.8	c	27.5	+ 0.7	c	23.9	+ 0.5	e	73	— 1
	Abu Sueir (A)	a	1007.2	—	1009.1	—	36.7	—	22.6	—	29.6	a	28.9	+ —	a	22.4	—	a	55	—
	Banha	a	1007.1	—	1008.8	—	34.5	—	21.4	—	28.0	a	27.2	—	a	22.4	—	a	65	—
	Zaher (A)	a	1004.3	—	1007.8	—	34.6	—	22.1	—	28.4	a	27.9	—	a	23.0	—	a	64	—
	Wadi El Natrun	a	1009.4	+ 1.2	1009.5	+ 1.2	37.1	+ 0.5	20.9	— 0.1	29.0	a	28.7	1.0	a	21.3	— 1.5	a	49	—13
	Inshas (A)	a	1004.6	—	1007.6	—	34.2	—	21.6	—	27.9	a	27.5	—	a	22.5	—	a	63	—
	Fayed (A)	a	1006.2	—	1008.6	—	37.1	—	23.4	—	30.2	a	29.9	—	a	23.4	—	a	50	—
	Kabrit (A)	a	1007.2	—	1008.5	—	35.2	—	23.6	—	29.4	a	29.1	—	a	22.7	—	a	55	—

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

AUGUST 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	1001.2	+ 0.1	1008.6	+ 0.1	35.3	+ 0.6	22.7	+ 1.2	29.0	a	28.5	+ 0.6	a	21.9	+ 0.2	a	54	— 2
	Mostafa Helmi (A)	a	990.1	—	1008.7	—	34.8	—	21.4	—	28.1	a	27.6	—	a	21.8	—	a	54	—
	Almaza (A)	a	999.4	— 0.3	1008.3	— 0.4	35.3	+ 1.5	22.5	+ 0.5	28.9	a	28.5	+ 0.3	a	21.5	— 0.5	a	52	— 4
	Abbasiya (H.Q.)	a	1006.4	—	1009.4	—	36.7	—	22.5	—	29.6	a	29.1	—	a	23.0	—	a	57	—
	Imbaba (A)	a	1003.7	—	1008.8	—	35.2	—	21.0	—	28.1	a	27.8	—	a	22.1	—	a	59	—
	Giza	a	1005.9	0.0	1008.7	+ 0.1	34.9	+ 0.2	21.6	+ 1.7	28.2	a	28.2	+ 1.1	a	22.0	— 0.3	a	57	— 9
	Helwan	a	992.4	+ 0.4	1008.6	+ 0.4	36.2	+ 1.2	22.5	+ 0.9	29.4	a	29.4	+ 1.3	a	21.3	— 0.1	a	47	— 8
Upper Egypt	Fayoum	a	1005.5	+ 0.7	1008.3	+ 0.6	37.7	+ 1.5	22.8	+ 1.4	30.2	a	30.0	+ 2.0	a	21.6	— 0.2	a	45	—10
	Beni Suef	a	1004.4	+ 0.1	—	+ 0.1	37.2	+ 0.4	21.0	+ 0.8	29.1	a	29.3	+ 1.0	a	21.6	— 0.2	a	47	— 8
	Seds	—	—	—	1007.8	—	36.7	— 0.2	20.4	+ 0.6	28.1	c	28.6	+ 1.3	c	23.8	+ 1.4	e	65	+ 1
	Minya (A)	a	1002.5	— 0.5	—	— 0.6	36.3	— 0.3	20.9	— 0.5	28.6	a	28.5	0.1	a	21.3	+ 0.3	a	51	+ 2
	Mallawi	—	—	—	1007.1	—	35.7	—	19.8	—	27.8	c	27.0	—	c	23.3	—	e	72	—
	Asyout Mangabad (A)	a	999.6	+ 0.7	—	+ 0.7	38.0	+ 0.9	23.5	+ 1.1	30.8	a	30.7	+ 1.0	a	20.0	+ 0.4	a	33	— 2
	Shandaweel	c	—	—	1007.6	—	39.1	+ 1.5	21.7	+ 0.6	30.4	c	29.9	0.7	c	23.5	+ 0.7	e	56	0
	Kena	c	997.9	+ 0.3	1006.3	+ 0.3	40.8	— 0.1	25.8	+ 1.4	33.3	c	33.2	+ 1.2	c	22.8	+ 1.7	e	33	+ 4
	Luxor (A)	a	995.4	— 0.1	1005.3	— 0.1	41.4	+ 0.3	24.6	+ 1.4	33.0	a	33.5	+ 1.0	a	20.7	+ 0.8	a	27	— 3
	Kom Ombo	a	993.7	—	1005.1	—	43.5	—	23.7	—	33.6	a	33.7	—	a	20.0	—	a	23	—
	Aswan (A)	a	993.2	— 0.1	1005.3	— 0.1	42.5	+ 0.9	26.7	+ 0.1	34.6	a	35.0	+ 1.7	a	18.8	— 2.1	a	15	—13
Western Desert	Siwa	a	1011.5	+ 1.0	1009.9	+ 1.0	38.4	+ 0.9	21.6	0.0	30.2	a	30.3	+ 1.4	a	19.6	+ 0.3	a	33	— 3
	Bahariya	a	993.8	— 0.1	1008.5	0.0	38.2	+ 1.6	21.4	+ 0.8	29.8	a	30.9	+ 2.8	a	19.6	+ 1.3	a	30	—20
	Farafra	a	998.8	— 0.2	1009.3	— 0.2	38.4	+ 0.4	22.7	+ 1.7	30.7	a	31.0	+ 2.1	a	18.0	— 0.4	a	25	— 9
	Dakhla	a	993.4	— 1.1	1005.9	— 1.1	40.2	+ 1.6	22.3	+ 1.2	31.2	a	37.0	+ 1.3	a	18.3	— 1.1	a	20	—10
	Kharga	a	998.1	— 1.6	1006.1	— 1.6	44.5	+ 2.2	23.1	— 0.1	32.3	a	32.5	+ 1.4	a	20.3	— 0.1	a	28	— 6
Red Sea	Suez	c	1006.9	— 0.2	1008.1	— 0.2	37.6	+ 1.3	22.9	0.0	30.2	c	30.2	+ 1.6	c	24.4	+ 1.0	e	60	— 3
	Abu Redes	a	1005.5	—	1005.9	—	33.5	—	26.2	—	29.8	a	29.6	—	a	23.5	—	a	58	—
	Tor	a	1004.4	— 0.8	1004.8	— 0.8	34.6	— 0.2	26.6	+ 1.9	30.6	a	30.0	+ 1.0	a	24.0	+ 0.1	a	59	— 4
	Hurghada	a	1005.1	+ 1.0	1005.3	+ 1.0	34.8	+ 1.9	26.8	+ 1.8	30.8	a	31.0	+ 1.2	a	22.0	— 0.6	a	42	— 0
	Quseir	a	1004.0	— 0.7	1005.0	— 0.7	33.9	0.0	27.7	+ 0.8	30.8	a	30.9	+ 0.7	a	23.1	+ 0.1	a	49	— 3
	Abul Kizan	c	—	—	—	—	23.2	— 0.4	29.0	+ 0.9	31.1	c	30.7	— 0.2	e	26.9	— 0.3	e	37	— 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

AUGUST 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	35.2	13	28 0	5	31	20	1	0	0	25.7	9	19.7	28				
	Sidi Barrani	30.0	9	27.5	5	31	0	0	0	0	25.0	9	18.8	4	0	0	0	0
	Mersa Matruh (A)	35.0	8	28.9	5	31	16	0	0	0	23.4	26	17.5	29	0	0	0	0
	Ras El Hikma	29.6	9	27.4	2	31	0	0	0	0	24.8	20	20.2	9	0	0	0	0
	Dabaa	35.2	8	28.4	5	31	19	1	0	0	24.3	11	16.9	29	0	0	0	0
	Dekheila (A)	35.8	9	29.2	5	31	22	2	0	0	26.4	20,21	19.4	7	0	0	0	0
	Ras El Teen	33.4	8	27.5	5	31	2	0	0	0	27.0	6	23.4	25	0	0	0	0
	Alexandria (A)	33.7	9	30.4	5	31	31	3	0	0	26.2	20	19.1	28	0	0	0	0
	Balteam	36.5	9	29.9	5	31	30	2	0	0	26.3	11	18.8	29	0	0	0	0
	Damietta	35.7	10	30.1	5	31	31	1	0	0	25.4	13	18.8	29	0	0	0	0
	Port Said (A)	32.8	12	28.9	4,5	31	21	0	0	0	27.4	10	23.5	23	0	0	0	0
	El Arish	34.4	11,12	30.6	4	31	31	0	0	0	24.8	13,14	21.2	25.29	0	0	0	0
	Ghazza	31.7	10	28.8	6	31	12	0	0	0	26.8	26	21.4	25,31	0	0	0	0
Lower Egypt	EL Sirw	37.3	12	30.0	24	31	30	4	0	0	26.0	8	18.5	29	0	0	0	0
	Sakha	38.2	9	30.5	24	31	31	12	0	0	22.2	9	16 3	29	0	0	0	0
	Mansoura	35.5	8	30.5	24	31	31	1	0	0	21.8	13	15.2	29	0	0	0	0
	Damanhour	37.3	8	29.1	24	31	30	4	0	0	22.6	11	17.5	29	0	0	0	0
	Gimmeiza	39.0	9	32.5	24	31	31	14	0	0	23.0	9,13	14.5	29	0	0	0	0
	Tanta	38.8	9	32.5	24	31	31	19	0	0	23.6	9	16.4	29	0	0	0	0
	Tahrir	38.5	9	32.3	24	31	31	20	0	0	23.2	9	17.9	29	0	0	0	0
	Shebin El Kom	38.1	9	32.0	24	31	31	9	0	0	22.7	10	15.4	29	0	0	0	0
	Zagazig	37.2	10	32.2	25	31	31	6	0	0	24.4	10	18.8	29	0	0	0	0
	Abu Sueir (A)	41.0	9,10	33.1	24	31	31	25	3	0	25.4	9	20.1	25,29	0	0	0	0
	Banha	36.8	9	31.7	24	31	31	9	0	0	24.2	10	19.2	29	0	0	0	0
	Zaher (A)	38.2	10	31.7	24	31	31	13	0	0	24.0	9	19.1	29	0	0	0	0
	Wadi EL Natrun	42.0	9	33.3	24	31	31	27	3	0	23.9	9	17.5	29	0	0	0	0
	Inshas (A)	37.4	8	31.3	24	31	31	9	0	0	23.5	9,13	17.5	29	0	0	0	0
	Fayed (A)	40.9	9	34.0	24,25	31	31	27	2	0	25.4	9	21.0	25	0	0	0	0
	Kabrit (A)	41.4	8	31.4	24	31	31	23	2	0	26 6	10	20.7	25	0	0	0	0
	Delta Barrage	38.0	8,9	33.0	24	31	31	16	0	0	22.5	13	15.6	29	0	0	0	0
Cairo Area	Cairo A)	40.4	10	32.2	24	31	31	14	1	0	27.0	10	19.6	29	0	0	0	0
	Mostafa Helmi (A	37.3	9	31.5	25	31	31	12	0	0	24.0	10	18.5	29	0	0	0	0
	Almaza (A)	39.7	8	31.8	24	31	31	16	0	0	26.6	10	19.4	29	0	0	0	0
	Abbasiya (H.Q)	40.8	10	34.4	25	31	31	28	1	0	24.5	8	18.9	29	0	0	0	0
	Imbaba A)	38.4	10	32.5	24	31	31	17	0	0	23.4	3,9,13	17.5	29	0	0	0	0
	Giza	37.8	10	32.2	24	31	31	14	0	0	24 8	8	17.8	29	0	0	0	0
	Helwan	42.6	10	32.2	24	31	31	21	3	0	30.0	10	19.2	25	0	0	0	0

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

AUGUST 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	42.1	10	34.1	24	31	31	29	3	0	26.2	10	20.3	25,29	0	0	0	0
	Beni Suef	42.4	10	33.6	25	31	31	27	3	0	23.0	9,10	18.8	29	0	0	0	0
	Seds	41.0	10	33.0	24	31	31	24	1	0	22.5	17	18.0	13,23,29	0	0	0	0
	Minya (A)	41.7	8	33.0	24	31	31	21	2	0	24.0	2	17.9	13	0	0	0	0
	Mallawi	39.5	10	32.0	26	31	31	16	0	0	23.5	9	17.2	29	0	0	0	0
	AsyoutMangabad (A)	43.5	10	34.1	15	31	31	30	6	0	28.5	9	21.0	13	0	0	0	0
	Shandaweel	43.5	11	36.5	25	31	31	31	10	0	24.0	2,11	19.5	6,16	0	0	0	0
	Nag Hammadi	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kena	46.4	11	38.3	24	31	31	31	19	1	31.4	12	23.4	20,24	0	0	0	0
	Luxor (A)	46.5	12	38.4	25	31	31	31	23	4	29.4	9	21.1	6	0	0	0	0
	Kom Ombo	48.8	11	39.6	24	31	31	31	29	6	29.6	13	20.0	26	0	0	0	0
	Aswan (A)	48.3	12	38.2	24	31	31	31	28	4	30.5	10	23.1	15	0	0	0	0
Western Desert	Siwa	42.3	10	33.9	25	31	31	30	7	0	27.0	10	17.0	29	0	0	0	0
	Bahariya	44.2	9	34.1	26	31	31	30	5	0	27.8	10	19.0	29	0	0	0	0
	Farafra	43.2	10	34.4	25	31	31	29	5	0	26.4	10	20.0	29	0	0	0	0
	Dakhla	45.5	11	35.7	26	31	31	31	14	1	31.3	12	17.5	7	0	0	0	0
	Kharga	46.8	10	36.5	25	31	31	31	23	2	30.6	12	18.4	27	0	0	0	0
Red Sea	Suez	42.3	10	34.3	24	31	31	28	5	0	27.4	10	20	25	0	0	0	0
	Abu Redes	43.0	10·11	30.5	25	31	81	4	2	0	29.6	11	23.9	8	0	0	0	0
	Tor	40.1	12	31.6	25	31	31	9	1	0	28.4	13	24.0	6	0	0	0	0
	Hurghada	38.5	1	32.4	6	31	31	11	0	0	29.3	12	23.9	8	0	0	0	0
	Quseir	36.9	10	31.7	25	31	81	5	0	0	30.5	11	25.1	25	0	0	0	0
	Abul Kizan	34.8	16	31.5	25	31	31	0	0	0	30.0	1	26.6	25	0	0	0	0

* More than 3 days.

TABLE A 5. — RAINFALL AND SNOW DEPTH

AUGUST 1962

District	Station	Rainfall (millimetres)											Snow dep (centimetr	
		Total amount	Dev. from normal	Maximum fall in one day		Number of days with amount of rain							Maximum depth	Da
				Amount	Date	<0.1	≥0.1	≥1.0	≥5.0	≥10	≥25	≥50		
Mediterranean	Sallum	0.0	−0.4	0.0	—	0	0	0	0	0	0	0	0	—
	Sidi Barrani	0.0	−0.1	0.0	—	0	0	0	0	0	0	0	0	—
	Mersa Matruh (A)	0.0	−0.3	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	−0.2	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	—
	Balteam	0.0	−0.3	0.0	—	0	0	0	0	0	0	0	0	—
	Damietta	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	—
	El Arish	0.0	−0.1	0.0	—	0	0	0	0	0	0	0	0	—
	Ghazza	0.0	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	—
	Mex	0.0	−0.3	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	2.0	+1.9	2.0	24	0	1	1	0	0	0	0	0	—
	Rosetta L.H.	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Borollos L.H.	0.0	−0.3	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	−0.9	0.0	—	0	0	0	0	0	0	0	0	—
	Sakha	0.0	0.0	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	−0.9	0.0	—	0	0	0	0	0	0	0	0	—
	Tanta	0.0	−1.1	0.0	—	0	0	0	0	0	0	0	0	—
	Tahrir	0.0	0.0	0.0	—	0	0	0	0	0	0	0	0	—
	Shebin El Kom	0.0	−0.8	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	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	−tr.	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	−1.2	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	0.0	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	0.0	0.0	—	0	0	0	0	0	0	0	0	—

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

AUGUST 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	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	—
	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)	tr.	+tr.	tr.	7	1	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	0.0	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	tr.	0.0	tr.	8	1	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 AUGUST 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	—	0.9	—	0.5	—	0.5	—	7.7	—	—	22.7
	Sidi Barrani	—	—	—	—	—	2.5	—	1.0	—	1.6	—	5.7	—	—	22.7
	Mersa Matruh (A)	369.5	412.0	65.4	0.4	—	2.2	—	0.8	—	1.4	—	7.9	—	—	25.6
	Ras El Hikma	—	—	—	—	—	2.6	—	0.4	—	0.9	—	4.7	—	—	22.8
	Dabaa	—	—	—	—	—	1.7	—	0.4	—	0.6	—	6.0	—	—	—
	Dekheila (A)	—	—	—	3.2	—	4.0	—	4.2	—	3.2	—	4.9	—	—	—
	Ras El Teen	—	—	—	1.3	—	2.4	—	1.3	—	1.1	—	5.1	—	—	—
	Alexandria	369.	411.0	89.9	1.6	—	2.7	—	1.1	—	1.3	—	4.8	—	—	—
	Balteam (A)	—	—	—	—	—	2.7	—	1.6	—	0.5	—	5.3	—	—	—
	Damietta	—	—	—	—	—	1.7	—	0.4	—	0.4	—	3.8	—	—	—
	Port Said (A)	345.9	411.1	84.1	1.2	—	2.4	—	0.4	—	0.4	—	6.3	—	—	—
	El Arish	—	—	—	3.3	—	2.9	—	0.9	—	2.1	—	5.3	—	—	21.7
	Ghazza	353.2	412.0	85.7	2.6	—	2.6	—	0.8	—	2.1	—	5.2	—	—	22.2
Lo Egypt	El Sirw	—	—	—	—	—	2.3	—	0.7	—	0.0	—	4.2	—	—	—
	Sakha	—	—	—	—	—	1.6	—	2.1	—	0.9	—	6.0	—	—	19.8
	Mansoura	—	—	—	—	—	1.9	—	0.5	—	0.0	—	4.1	—	—	—
	Damanhour	—	—	—	—	—	1.4	—	1.3	—	0.3	—	3.8	—	—	—
	Gimmeiza	358.4	410.6	87.3	—	—	0.5	—	0.3	—	0.0	—	5.6	—	—	—
	Tanta	359.3	410.6	87.5	—	—	1.6	—	0.5	—	0.1	—	6.4	67	47	—
	Tahrir	363.3	410.9	88.4	—	—	1.3	—	0.5	—	0.0	—	10.1	—	—	19.8
	Shebin El Kom	—	—	—	—	—	2.8	—	0.3	—	0.1	—	3.5	—	—	—
	Zagazig	359.9	410.6	87.6	—	—	2.9	—	1.1	—	0.1	—	4.5	—	—	—
	Abu Sueir (A)	—	—	—	1.3	—	3.0	—	0.5	—	0.3	—	10.7	74	—	19.8
	Bænha	—	—	—	—	—	2.6	—	0.2	—	0.0	—	5.2	—	—	—
	Zaher (A)	—	—	—	0.0	—	2.5	—	0.4	—	0.1	—	8.5	—	—	—
	Wadi El Natrun	—	—	—	—	—	1.4		0.5	—	0.0	—	14.0	—	—	—
	Inshas (A)	—	—	—	0.0	—	1.8	—	0.3	—	0.1	—	8.6	—	—	—
	Fayed (A)	—	—	—	—	—	2.6	—	0.2	—	0.2	—	16.3	—	—	—
	Kabrit (A)	—	—	—	—	—	2.8	—	0.1	—	0.2	—	14.0	—	—	—
Cairo Area	Cairo (A)	—	—	—	0.7	—	3.0	—	0.4	—	0.2	—	16.3	—	—	—
	Mostafa Helmi (A)	—	—	—	0.8	—	2.3	—	0.6	—	0.4	—	13.2	—	—	—
	Almaza (A)	342.6	409.6	83.6	0.6	—	2.9	—	0.3	—	0.1	—	9.9	—	—	—
	Abbasiya (H.Q.)	341.3	409.6	83.3	0.7	—	2.5	—	0.3	—	0.1	—	6.1	74	49	—
	Imbaba (A)	—	—	—	0.0	—	2.1	—	0.3	—	0.0	—	9.6	—	—	—
	Giza	345.3	409.7	84.2	—	—	2.4	—	0.3	—	0.1	—	10.3	—	—	17.8
	Helwan	—	—	—	0.2	—	1.7	—	0.2	—	0.1	—	18.9	—		—
Upper Egypt	Fayoum	—	—	—	—	—	0.7	—	0.2	—	0.0	—	10.8	—	—	—
	Beni Suef	—	—	—	—	—	0.5	—	0.2	—	0.1	—	8.6	—	—	18.7
	Seds	—	—	—	—	—	0.3	—	0.2	—	0.0	—	6.7	—	—	19.2
	Minya (A)	—	—	—	0.2	—	0.7	—	0.4	—	0.3	—	10.0	—	47	19.4
	Mallawi	—	—	—	—	—	0.3	—	0.1	—	0.2	—	3.3	—	—	18.6
	Asyout (Mangabad) (A)	—	—	—	0.0	—	0.4	—	0.2	—	0.2	—	17.8	—	52	22.1
	Shandaweel	—	—	—	—	—	1.1	—	0.4	—	0.4	—	6.8	—	—	19.6
	Kena	—	—	—	—	—	0.2	—	0.2	—	0.0	—	10.6	—	—	20.2
	Luxor (A)	—	—	—	0.3	—	0.9	—	0.7	—	0.5	—	12.2	70	50	—
	Kom Ombo	—	—	—	—	—	0.6	—	0.7	—	0.8	—	16.3	—	—	20.8
	Aswan (A)	—	—	—	0.6	—	1.0	—	1.3	—	1.1	—	25.3	—	—	—
Red Sea Western Desert	Siwa	—	—	—	0.2	—	0.8	—	0.5	—	0.3	—	15.6	80	51	20.2
	Bahariya	—	—	—	0.2	—	0.6	—	0.4	—	0.5	—	11.2	—	—	21.4
	Farafra	—	—	—	0.0	—	0.4	—	0.2	—	0.6	—	22.8	65	44	21.8
	Dakhla	—	—	—	0.2	—	0.5	—	0.5	—	0.5	—	23.2	51	41	13.9
	Kharga	—	—	—	0.0	—	0.2	—	0.2	—	0.2	—	14.5	—	—	21.0
	Suez	—	—	—	—	—	1.4	—	0.0	—	0.1	—	11.7	—	—	—
	Abu Redes	366.9	408.5	89.8	—	—	0.0	—	0.0	—	0.0	—	14.5	—	—	—
	Tor	—	—	—	0.1	—	0.3	—	0.6	—	0.1	—	10.1	—	—	—
	Hurghada	—	—	—	0.1	—	0.3	—	0.2	—	0.2	—	22.1	—	—	—
	Queir	—	—	—	0.1	—	0.5	—	0.6	—	0.3	—	15.5	—	—	—
	Abul Kizan	—	—	—	—	—	1.2	—	1.0	—	0.6	—	18.2	—	—	—

TABLE A 7.—SOIL TEMPERATURES (°C) AT SELECTED DEPTHS AT FIXED HOURS
AUGUST 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	—	—	—	—	—	26.8	31.9	2	24.1	16	33.6	35.5	7	32.5	10	30.7	31.5	18	30.0	*
		10	—	—	—	—	—	27.7	29.0	10	26.0	28	31.4	32.0	7	30.5	28	31.5	32.0	9,11,17	30.8	29,30
		20	—	—	—	—	—	28.8	29.4	8	27.8	5	28.5	30.0	*	28.6	29	30.5	30.8	2	29.8	29,30
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Mersa Matruh (A)	5	28.2	30.4	11	27.1	7	26.7	29.0	11	25.5	29	39.9	43.0	9,10	36.6	20	34.1	37.0	10	30.2	15
		10	29.7	31.1	12	28.2	7	27.8	29.5	11	27.0	4	35.1	39.1	29	33.2	21	34.6	37.0	10	32.1	15
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	27.4	28.1	3	27.0	27	27.4	27.8	*	26.2	25	27.4	27.9	2,5	26.2	25	27.5	27.9	1,6	26.9	19
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Ras El Hikma.	5	—	—	—	—	—	26.5	27.0	*	25.0	7	34.4	35.8	9	32.5	25	29.2	30.3	9	28.0	25
		10	—	—	—	—	—	26.4	27.0	21	24.9	29	31.1	31.8	10	30.0	25	30.2	31.0	9	29.0	25
		20	—	—	—	—	—	26.5	27.2	20	25.3	7	29.1	30.0	9	28.3	29	29.1	29.9	9	28.5	25
		50	—	—	—	—	—	27.8	28.1	25	27.4	8	27.7	28.0	24,25	27.3	7	27.6	27.9	20,21,23	27.2	7
		100	—	—	—	—	—	25.9	26.2	*	25.3	1	25.9	26.3	25,2[illegible],29	25.4	1·2	25.9	26.3	28	25.3	1
		200	—	—	—	—	—	23.0	23.5	29,30,31	22.4	1	23.1	23.6	30,31	22.5	1·2·5	23.1	23.6	30	22.4	1
	Alexandria . (A)	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	32.4	33.2	11	31.3	31	32.2	32.7	*	31.5	30	32.1	33.6	11	31,3	29	32.3	33.0	10	31.3	30
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	El Arish . . .	5	28.9	30.6	14	28.0	29,30,13	28.1	29.0	11	26.8	29	35.8	36.8	12	33.6	5	33.1	35.0	29	31.4	5
		10	30.2	31.7	14	29.0	2	28.8	30.2	14	27.8	25	34.4	35.4	11	33.2	29	33.7	35.0	11	32.0	29
		20	31.7	32.6	14	28.8	30	30.9	31.8	14	30.2	25	31.8	33.4	5	29.0	29	33.0	35.0	5	31.9	9
		50	32.4	32.8	12,13,14	31.8	3	32.4	32.8	14,16	32.0	3,4	32.3	32.7	14,15	31.7	1	32.1	32.6	14	31.7	1,2
		100	30.4	30.7	24	28.8	2	30.4	30.7	24	29.0	2	30.4	30.8	16	29.9	2	30.4	30.7	22	30.0	*
		200	28.5	29.0	29	27.9	1	28.5	29.1	29	27.9	1	28.4	29.1	31	26.8	1	28.4	29.0	30	27.8	1
	Ghazza	5	29.0	31.2	3·4	25.2	14	29.7	33.8	9	26.5	22	41.1	44.8	9	36.8	22	33.6	36.3	9	30.6	22
		10	30.8	33.4	9	27.8	14	29.2	32.3	9	27.0	22	37.5	40.7	9	35.0	22,23	34.9	37.8	8	31.5	13·22
		20	32.2	34.5	10	29.5	14	30.6	33.1	9	28.2	16	33.6	35.5	9	32.5	8,23,25	34.7	36.6	9	32.5	13
		50	31.3	33.0	4	29.8	24	31.5	33.5	10	30.0	23	31.4	33.0	9,11	29.6	23	31.3	33.0	10	30.0	*
		100	30.9	32.0	13,18	29.2	1	31.3	32.0	10	30.5	3,5	31.2	32.0	14,16	30.0	1	31.2	32.0	12,16	30.0	1
		200	29.5	30.5	*	28.0	*	30.1	30.5	*	28.0	11,16,31	30.4	30.5	*	28.0	*	29.5	30.5	*	27.0	2

*More than three days.

TABLE A 7. (*contd.*)—SOIL TEMPERATURES (°C) AT SELECTED DEPTHS AT FIXED HOURS
AUGUST 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	—	—	—	—	—	—	—	—	—	—	28.8	28.5	*	28.0	*	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	29.3	29.5	*	29.0	*	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gimmeiza	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	31.6	32.0	*	30.5	7,31	32.0	32.5	*	31.0	17	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Tanta	5	—	—	—	—	—	28.4	29.8	2	25.8	29	35.2	36.7	2	33.2	29	33.2	35.2	9	30.4	29
		10	—	—	—	—	—	31.9	32.5	9	30.4	29	34.8	35.8	12	33.7	25	34.9	35.8	4	33.7	28
		20	—	—	—	—	—	30.8	31.5	5	29.7	30	30.9	31.5	*	29.8	30	31.5	32.2	2	30.2	29
		50	—	—	—	—	—	33.5	33.8	5,11,12	32.8	30,31	33.3	33.7	13	32.6	30	33.3	33.6	12	32.6	31
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Tahrir	5	—	—	—	—	—	28.6	30.1	1,2	25.6	29	46.0	49.7	12	43.6	29	33.9	35.8	7	31.5	24
		10	—	—	—	—	—	28.4	30.0	9	25.5	29	39.8	41.5	16	37.3	29	36.4	38.0	7	34.3	24
		20	—	—	—	—	—	31.4	32.5	1	29.4	29	33.6	34.7	1	31.5	29	35.7	36.7	1,16	34.0	29
		50	—	—	—	—	—	32.4	32.8	1	31.4	29-30	32.0	32.5	1	30.9	30	32.1	32.6	1,2	31.1	29,30
		100	—	—	—	—	—	31.1	31.4	12	30.8	30-31	—	—	—	—	—	31.1	31.4	20	30.7	31
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Delta Barrage	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	32.3	33.6	12,13,18	31.5	30	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	26.6	27.0	12,20	26.0	7	—	—	—	—	—	—	—	—	—	—

* More than 3 days.

TABLE A 7. *(contd.)*—**SOIL TEMPERATURES (°C) AT SELECTED DEPTHS AT FIXED HOURS**
AUGUST 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
Cairo Area	Giza	5	—	—	—	—	—	30.3	31.6	1-8-9	29.4	25-26	42.9	44.6	2	40.0	29	36.8	38.3	2	34.6	28
		10	—	—	—	—	—	31.5	32.7	3	29.9	29	36.6	37.5	2	34.6	29	37.1	38.2	2	35.3	29
		20	—	—	—	—	—	33.4	34.1	1	32.5	29,30	33.5	34.1	1	32.5	29	34.5	35.2	2	33.5	29
		50	—	—	—	—	—	33.5	33.9	20-21	33.1	29	33.6	33.8	20,21	33.0	30	33.4	33.7	*	32.5	8
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Upper Egypt	Seds	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	27.9	28.3	29-30	27.5	1,2	27.9	28.2	22,23	27.5	1	27.9	28.0	*	27.5	1,11,12
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Minya (A)	5	31.8	34.1	10	29.0	26	30.4	30.5	2	27.0	29	37.9	40.0	8,21	35.0	30	35.5	38.0	8	33.0	30
		10	34.4	36.2	17	32.0	30	32.6	34.2	17	30.0	30	35.9	37.5	18	34.0	30-31	36.7	38.6	8	35.0	30,31
		20	34.2	35.4	18	32.0	23	33.6	34.5	11	32.0	9	33.6	35.0	9	33.0	29,30,31	34.7	36.0	18	33.0	30
		50	33.9	34.5	*	33.1	31	33.9	34.5	*	33.0	29	33.9	34.6	18	33.0	30,31	33.9	34.6	19	33.0	30,31
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Maliawi	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	28.5	29.0	*	27.2	31	28.5	29.0	*	27.2	31	28.5	29.0	*	27.2	31
		100	—	—	—	—	—	26.9	27.0	*	26.5	*	26.9	27.0	*	26.5	*	26.9	27.0	*	26.5	*
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Shandaweel	5	—	—	—	—	—	—	—	—	—	—	33.1	34.0	*	32.0	*	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	30.0	31.2	18	29.0	*	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

* More than 3 days

TABLE A 7. (*contd.*)— SOIL TEMPERATURES (°C) AT SELECTED DEPTHS AT FIXED HOURS
AUGUST 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	—	—	—	—	—	30.5	33.5	31	28.2	1	53.3	59.3	31	50.0	2,11,21	38.4	42.8	30	36.0	19
		10	—	—	—	—	—	32.1	34.5	31	30.2	1,4	42.2	45.0	12	40.0	6	38.9	41.5	31	36.0	7
		20	—	—	—	—	—	34.9	36.2	13	34.0	1	35.3	36.5	12,13	34.5	*	36.0	37.5	12	34.9	26
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Aswan . . . (A)	5	30.8	34.3	31	28.0	1,2	33.6	36.6	10	30.8	27	51.1	51.2	*	50.2	22	38.9	42.0	12,28	35.6	24
		10	35.9	39.0	13	33.2	25	33.1	35.8	13	30.6	26	43.7	47.8	12	41.2	25	42.2	45.4	11	40.0	24
		20	38.6	40.2	11	37.2	25	36.6	38.8	13	35.4	26	37.1	38.7	10	35.6	25,26	39.6	42.0	12	38.4	24
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Western Desert	Siwa	5	31.2	34.0	10	27.8	25	29.3	31.6	11	27.2	29,31	35.3	37.4	9	33.7	27	34.8	37.0	9	33.0	31
		10	31.9	34.4	10	28.6	25	30.1	32.6	10	28.2	29,31	33.7	35.4	10	32.0	31	34.5	36.4	9,10	32.8	31
		20	32.5	34.6	10	29.2	25	31.1	33.0	10,11	29.4	29,31	32.4	34.0	10,11	30.9	29,31	33.9	35.6	10,11	32.4	31
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bahariya . . .	5	32.7	35.6	10	30.6	29	29.3	33.0	10	27.0	29	37.7	42.5	9	34.2	30	37.5	42.3	9	35.0	25
		10	34.2	36.3	10	32.0	31	31.8	34.6	10	30.0	31	34.7	38.1	10	31.8	30,31	36.4	40.0	9	34.0	31
		20	35.8	37.5	11	32.7	28	34.7	36.4	11	33.0	31	34.9	37.0	10	33.1	31	36.0	38.0	9,10	34.2	29,31
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Farafra	5	34.6	36.7	11	32.2	4	32.5	34.4	11	30.2	4	38.6	40.4	2	37.0	4	37.8	39.9	10	36.7	31
		10	35.3	36.9	11	33.7	4	33.6	35.3	11	31.8	4	35.9	37.5	1	34.9	*	37.1	38.9	10	36.0	27,31
		20	35.7	37.0	11	34.8	28	34.7	36.0	11	33.7	4	34.7	36.0	11	33.9	28,29	36.1	37.4	10	34.2	31
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

* More than 3 days.

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

AUGUST 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	3	0	0	0	0	0	0	0	0	0	0	28	0
	Sidi Barrani	0	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	1	0	0	0	0	0	0	0	0	0	0	26	0
	Ras El Hikma	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	27	0
	Ras El Teen	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	21	0
	Alexandria (A)	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	21	0
	Baltiam	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	7	0	2	0	0	0	0	0	0	0	0	27	0
	El Arish	0	0	0	0	0	0	7	0	0	0	1	0	0	0	0	0	0	14	0
	Ghazza	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	16	0
Lower Egypt	El Sirw	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sakha	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Mansoura	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	12	2	0	0	1	0	0	0	0	0	0	—	—
	Shebin El Kom	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	—	—
	Zagazig	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Abu Sueir (A)	0	0	0	0	0	0	13	2	0	0	0	0	0	0	0	0	0	24	0
	Banha	0	0	0	0	0	0	5	1	1	0	0	0	0	0	0	0	0	—	—
	Zaher (A)	0	0	0	0	0	0	3	1	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	0	0	0	—	—
	Inshas (A)	0	0	0	0	0	0	12	3	9	0	0	0	0	0	0	0	0	31	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	0	0	0	0	0	0	0	—	—
	Delta Barrage	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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

AUGUST 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)			
Cairo Area	Cairo . . . . . (A)	0	0	0	0	0	0	19	3	3	0	0	0	0	0	0	0	0	27	0
	Mostafa Helmi . (A)	0	0	0	0	0	0	26	0	12	0	1	0	0	0	0	0	0	25	0
	Almaza . . . . (A)	0	0	0	0	0	0	14	2	18	0	0	0	0	0	0	0	0	29	0
	Abbasiya . . . (H.Q.)	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	28	0
	Imbaba . . . (A)	0	0	0	0	0	0	5	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	30	0
Upper Egypt	Fayoum	0	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	0	0	0	0	0	0	0	—	—
	Sede	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	29	0
	Shandaweel	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Nag Hammadi . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kena	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Luxor . . . . . (A)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	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	27	0
Western Desert	Siwa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	0
	Bahariya	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	0
	Farafra	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	0
	Dakhla	0	0	0	0	0	0	0	0	1	0	3	0	0	0	0	0	0	29	0
	Kharga	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	31	0
Red Sea	Suez	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Abu Redes	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	—	—
	Tor.	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	30	0
	Hurghada	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	0
	Quseir	0	0	0	0	0	0	0	0	15	0	3	0	0	0	0	0	0	30	0
	Abul Kizan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	—

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

AUGUST — 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	25	0	0	1—10	107	54	18	18	0	0	0	11	26	9	109	177	529
					11—27	7	0	3	6	0	0	0	0	0	0	40	134	190
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**114**	**54**	**21**	**24**	**0**	**0**	**0**	**11**	**26**	**9**	**149**	**311**	**719**
	Mersa Matruh (A)	27	0	0	1—10	88	6	9	10	4	0	1	2	36	155	63	89	463
					11—27	33	14	8	6	4	0	0	0	0	4	51	134	254
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**121**	**20**	**17**	**16**	**8**	**0**	**1**	**2**	**36**	**159**	**114**	**223**	**717**
	Dekheila (A)	10	0	0	1—10	192	73	39	16	8	7	3	6	9	5	31	183	572
					11—27	47	13	10	0	0	0	0	0	0	0	10	82	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	**239**	**86**	**49**	**16**	**8**	**7**	**3**	**6**	**9**	**5**	**41**	**265**	**734**
	Ras El Teen	20	0	34	1—10	155	130	37	6	2	0	0	2	1	0	7	196	536
					11—27	53	14	0	0	0	0	0	0	0	0	1	86	154
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**208**	**144**	**37**	**6**	**2**	**0**	**0**	**2**	**1**	**0**	**8**	**282**	**690**
	Alexandria (A)	55	0	4	1—10	74	35	9	13	1	4	10	4	1	22	234	204	611
					11—27	6	6	0	0	0	0	0	0	0	3	28	31	74
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**80**	**41**	**9**	**13**	**1**	**4**	**10**	**4**	**1**	**25**	**262**	**235**	**685**
	Port Said (A)	1	1	0	1—10	183	38	24	9	3	1	1	0	18	90	66	155	588
					11—27	24	10	0	0	0	0	0	0	0	12	19	89	154
					28—47	0	0	0	0	0	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**	**48**	**24**	**9**	**3**	**1**	**1**	**0**	**18**	**102**	**85**	**244**	**742**
	El Arish	8	33	0	1—10	110	27	2	4	2	33	47	76	92	14	90	187	684
					11—27	0	0	0	0	0	0	0	0	0	0	6	13	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**	**27**	**2**	**4**	**2**	**33**	**47**	**76**	**92**	**14**	**96**	**200**	**703**
	Ghazza	1	15	44	1—10	52	10	7	6	19	126	37	13	15	55	89	143	572
					11—27	33	1	0	0	0	0	0	0	3	9	35	31	112
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**85**	**11**	**7**	**6**	**19**	**126**	**37**	**13**	**18**	**64**	**124**	**174**	**684**
Lower Egypt	Mansoura	20	2	49	1—10	88	65	17	4	4	0	1	25	75	96	116	153	644
					11—27	0	8	0	0	0	0	0	0	0	0	16	5	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	**88**	**73**	**17**	**4**	**4**	**0**	**1**	**25**	**75**	**96**	**132**	**158**	**673**
	Tanta	97	2	0	1—10	86	51	21	12	6	0	1	7	76	73	138	160	631
					11—27	0	4	3	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	**86**	**55**	**24**	**12**	**6**	**0**	**1**	**7**	**76**	**73**	**143**	**162**	**645**

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

AUGUST — 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	
Lower Egypt	Abu Suelr . . . (A)	111	0	0	1—10	84	78	25	6	2	1	0	0	11	60	68	117	452
					11—27	26	52	22	0	0	0	0	0	0	1	12	68	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	**110**	**130**	**47**	**6**	**2**	**1**	**0**	**0**	**11**	**61**	**80**	**185**	**631**
	Zaher . . . . . (A)	31	1	0	1—10	133	43	20	10	6	0	4	15	56	61	123	189	669
					11—27	16	1	1	0	0	0	0	0	0	0	8	17	43
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**149**	**44**	**21**	**10**	**6**	**0**	**4**	**15**	**56**	**61**	**131**	**206**	**712**
Cairo Area	Cairo . . . . . (A)	5	0	00	1—10	185	84	33	16	2	2	3	7	9	31	74	140	586
					11—27	40	19	11	8	2	0	0	0	0	0	3	10	93
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**225**	**103**	**44**	**24**	**4**	**2**	**3**	**7**	**9**	**31**	**77**	**150**	**679**
	Mostafa Helmi . . (A)	5	0	0	1—10	104	53	15	10	2	0	2	0	2	4	36	88	316
					11—27	97	180	50	9	0	0	0	0	0	0	15	72	423
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**201**	**233**	**65**	**19**	**2**	**0**	**2**	**0**	**2**	**4**	**51**	**160**	**739**
	Almaza . . . . (A)	9	4	0	1—10	125	177	185	9	11	9	0	0	1	27	44	99	687
					11—27	3	26	16	7	1	0	0	0	0	0	0	0	53
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**128**	**203**	**201**	**16**	**12**	**9**	**0**	**0**	**1**	**27**	**44**	**99**	**740**
	Abbasiya . . . (H.Q.)	39	2	1	1—10	366	107	20	5	0	0	0	0	2	31	37	137	705
					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	**369**	**110**	**20**	**5**	**0**	**0**	**0**	**0**	**2**	**31**	**37**	**137**	**711**
	Giza	11	4	1	1—10	274	155	4	1	0	1	0	0	3	10	30	174	652
					11—27	10	23	2	0	0	0	0	0	0	0	0	11	46
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**284**	**178**	**6**	**1**	**0**	**1**	**0**	**0**	**3**	**10**	**30**	**185**	**698**
Upper Egypt	Fayoum	11	0	7	1—10	370	124	25	4	0	1	0	1	0	13	31	150	719
					11—27	0	6	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	**370**	**130**	**25**	**4**	**0**	**1**	**0**	**1**	**0**	**13**	**31**	**151**	**726**
	Minya . . . . . (A)	16	1	2	1—10	233	162	1	0	0	4	1	5	0	3	17	131	557
					11—27	97	67	0	0	0	0	0	0	0	0	1	3	168
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**330**	**229**	**1**	**0**	**0**	**4**	**1**	**5**	**0**	**3**	**18**	**134**	**725**
	Asyout . . . . . (A)	6	2	13	1—10	21	5	5	1	0	0	1	1	10	215	221	143	623
					11—27	2	0	0	0	0	0	0	0	1	0	37	60	100
					28—47	0	0	0	0	0	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**	**5**	**5**	**1**	**0**	**0**	**1**	**1**	**11**	**215**	**258**	**203**	**723**

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

AUGUST — 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	
UPPER EGYPT	Luxor	54	1	0	1—10	156	49	12	10	3	12	29	53	94	55	65	138	676
					11—27	3	1	0	3	0	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	**159**	**50**	**12**	**13**	**3**	**12**	**29**	**53**	**94**	**55**	**65**	**144**	**689**
	Aswan	0	0	0	1—10	146	112	10	2	1	3	14	7	12	32	69	113	521
					11—27	66	52	1	0	0	0	2	2	1	2	44	53	223
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**212**	**164**	**11**	**2**	**1**	**3**	**16**	**9**	**13**	**34**	**113**	**166**	**744**
WESTERN DESERT	Siwa	83	12	1	1—10	101	62	79	40	15	2[illegible]	5	6	2	26	81	89	526
					11—27	24	16	18	12	4	1	0	0	0	0	10	36	121
					28—47	0	1	0	0	0	0	0	0	0	0	0	0	1
					≥84	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**125**	**79**	**97**	**52**	**19**	**21**	**5**	**6**	**2**	**26**	**91**	**125**	**643**
	Dakhla	2	7	24	1—10	58	17	17	20	10	14	20	19	47	72	128	157	579
					11—27	51	11	1	3	2	3	0	0	0	0	2	59	132
					28—47	0	0	0	0	0	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**	**28**	**18**	**23**	**12**	**17**	**20**	**19**	**47**	**72**	**130**	**216**	**711**
RED SEA	Hurghada	11	1	0	1—10	22	29	8	6	8	11	0	0	1	12	81	34	212
					11—27	84	9	0	0	0	0	0	0	0	22	117	282	514
					28—47	0	0	0	0	0	0	0	0	0	0	2	4	6
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	[illegible]	[illegible]	8	6	8	[illegible]	0	0	1	[illegible]	[illegible]	[illegible]	732

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

2ALLUM — AUGUST 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	2	0	0	0	0	0	0	0	4	3	11	20
				11—27	0	0	0	0	0	0	0	0	0	0	4	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	0	2	0	0	0	0	0	0	0	4	7	15	28
0300	6	0	0	1—10	0	2	0	0	0	0	0	0	1	4	1	7	15
				11—27	0	0	0	0	0	0	0	0	0	1	3	6	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	2	0	0	0	0	0	0	1	5	4	13	25
0600	4	0	0	1—10	0	2	0	0	0	0	0	0	1	2	3	13	21
				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	0	2	0	0	0	0	0	0	1	3	6	15	27
0900	2	0	0	1—10	2	5	3	3	0	0	0	0	0	1	0	4	18
				11—27	1	5	0	0	0	0	0	0	0	0	1	4	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	10	3	3	0	0	0	0	0	1	1	8	29
1200	0	0	0	1—10	2	4	0	0	0	0	0	0	0	0	0	0	6
				11—27	4	12	2	0	0	0	0	0	0	1	2	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	6	16	2	0	0	0	0	0	0	1	2	4	31
1500	0	0	0	1—10	1	1	0	0	0	0	0	0	0	0	0	6	8
				11—27	2	6	1	0	0	0	0	0	0	0	0	14	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	3	7	1	0	0	0	0	0	0	0	0	20	31
1800	2	0	0	1—10	5	4	0	0	0	0	0	0	0	0	0	10	19
				11—27	1	1	0	0	0	0	0	0	0	0	2	6	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	0	0	0	0	0	0	0	0	2	16	29
2100	9	0	0	1—10	2	2	1	0	0	0	0	0	0	1	2	8	16
				11—27	1	0	0	0	0	0	0	0	0	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	2	1	0	0	0	0	0	0	2	4	10	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) — AUGUST 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	4	0	0	1—10	0	0	0	0	0	0	0	0	4	16	1	5	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	0	0	0	0	0	0	0	0	4	16	2	5	27
0400	1	0	0	1—10	1	0	0	1	0	0	0	1	6	17	0	4	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	0	0	0	1	6	17	0	4	30
0600	1	0	0	1—10	1	0	0	0	0	0	0	0	1	5	8	7	22
				11—27	0	0	0	0	1	0	0	0	0	3	4	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	1	0	0	0	1	0	0	0	1	8	12	7	30
0900	0	0	0	1—10	1	2	0	0	0	0	0	0	0	0	0	10	13
				11—27	0	1	0	0	0	0	0	0	0	0	6	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	1	3	0	0	0	0	0	0	0	0	6	21	31
1200	0	0	0	1—10	0	2	0	0	0	0	0	0	0	0	0	3	5
				11—27	1	0	2	0	0	0	0	0	0	0	6	17	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	1	2	2	0	0	0	0	0	0	0	6	20	31
1500	0	0	0	1—10	0	1	0	0	0	0	0	0	0	0	0	7	8
				11—27	0	1	1	1	0	0	0	0	0	0	5	15	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	0	2	1	1	0	0	0	0	0	0	5	22	31
1800	1	0	0	1—10	1	0	2	0	0	0	0	0	0	1	8	12	24
				11—27	0	0	0	1	1	0	0	0	0	0	4	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	0	2	1	1	0	0	0	0	1	12	12	30
2100	0	0	0	1—10	0	1	0	1	0	0	0	0	0	11	3	7	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	1	0	1	0	0	0	0	0	12	4	7	25

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

DEKHEILA (A) — AUGUST 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
0300	2	0	0	1—10	1	5	0	2	0	0	0	0	0	0	0	17	25
				11—27	0	0	0	0	0	0	0	0	0	0	0	4	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	5	0	2	0	0	0	0	0	0	0	21	29
0300	2	0	0	1—10	1	1	1	1	0	1	1	0	2	2	1	14	25
				11—27	1	0	0	0	0	0	0	0	0	0	0	3	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	1	0	1	1	0	2	2	1	17	29
0600	1	0	0	1—10	1	2	0	1	1	2	0	0	2	1	4	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	1	3	0	1	1	2	0	0	2	1	4	15	30
0900	0	0	0	1—10	1	4	1	1	0	0	0	0	0	0	3	14	24
				11—27	0	0	0	0	0	0	0	0	0	0	1	6	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	1	1	0	0	0	0	0	0	4	20	31
1200	0	0	0	1—10	0	2	0	0	0	0	0	0	0	0	0	14	16
				11—27	0	3	2	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	0	5	2	0	0	0	0	0	0	0	0	24	31
1500	0	0	0	1—10	2	0	2	0	0	0	0	0	0	0	0	13	17
				11—27	2	2	2	0	0	0	0	0	0	0	0	8	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	4	2	4	0	0	0	0	0	0	0	0	21	31
1800	0	0	0	1—10	0	6	3	1	0	0	0	0	0	0	0	15	25
				11—27	1	1	1	0	0	0	0	0	0	0	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	1	7	4	1	0	0	0	0	0	0	0	18	31
2100	2	0	0	1—10	0	4	3	2	0	0	0	0	0	0	0	17	26
				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	0	5	3	2	0	0	0	0	0	0	0	19	29

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

RAS EL TEEN — AUGUST 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	1	1—10	6	4	2	0	0	0	0	0	0	0	1	9	22
				11—27	1	0	0	0	0	0	0	0	0	0	0	3	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	2	0	0	0	0	0	0	0	1	12	26
0300	5	0	1	1—10	5	4	0	1	0	0	0	0	0	0	1	8	19
				11—27	4	0	1	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	9	4	1	1	0	0	0	0	0	0	1	9	25
0600	3	0	2	1—10	2	4	2	2	0	0	0	0	0	0	0	11	21
				11—27	3	0	0	0	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	4	2	2	0	0	0	0	0	0	0	13	26
0900	0	0	2	1—10	6	5	0	1	0	0	0	0	0	0	2	10	24
				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	7	5	0	1	0	0	0	0	0	0	3	13	29
1200	0	0	1	1—10	7	6	0	0	0	0	0	0	0	0	0	8	21
				11—27	4	1	0	0	0	0	0	0	0	0	0	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	11	7	0	0	0	0	0	0	0	0	0	12	30
1500	0	0	1	1—10	8	6	0	0	0	0	0	0	0	0	0	3	17
				11—27	7	3	0	0	0	0	0	0	0	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	15	9	0	0	0	0	0	0	0	0	0	6	30
1800	0	0	1	1—10	8	5	5	0	0	0	0	0	0	0	0	3	21
				11—27	4	2	0	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	12	7	5	0	0	0	0	0	0	0	0	6	30
2100	2	0	1	1—10	4	4	7	0	0	0	0	0	0	0	0	8	23
				11—27	1	1	0	0	0	0	0	0	0	0	0	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	5	7	0	0	0	0	0	0	0	0	11	28

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

ALEXANDRIA (A) — AUGUST 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	1	0	0	1	0	0	0	0	0	9	9	20
				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	**0**	**1**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**12**	**9**	**23**
0300	10	0	0	1—10	0	0	1	0	1	0	2	0	0	2	8	6	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**	**0**	**1**	**0**	**1**	**0**	**2**	**0**	**0**	**2**	**9**	**6**	**21**
0600	3	0	0	1—10	0	1	1	2	0	0	0	2	0	3	12	6	27
				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**	**1**	**1**	**2**	**0**	**0**	**0**	**2**	**0**	**3**	**12**	**7**	**28**
0900	0	0	0	1—10	0	0	2	1	0	0	0	0	1	1	10	10	25
				11—27	0	1	0	0	0	0	0	0	0	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	**0**	**1**	**2**	**1**	**0**	**0**	**0**	**0**	**1**	**2**	**12**	**12**	**31**
1200	0	0	0	1—10	0	0	0	0	0	0	0	0	0	0	10	8	18
				11—27	0	1	0	0	0	0	0	0	0	0	4	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	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**14**	**16**	**31**
1500	0	0	0	1—10	1	1	0	0	0	0	0	0	0	0	7	15	24
				11—27	0	0	0	0	0	0	0	0	0	0	3	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	**1**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**10**	**19**	**31**
1800	2	0	0	1—10	1	2	0	0	0	0	0	0	0	0	6	19	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	**1**	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**7**	**19**	**29**
2100	7	0	0	1—10	0	2	0	0	0	0	0	0	0	1	10	11	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**	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**10**	**11**	**24**

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

PORT SAID (A)—AUGUST 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	2	1	1	0	0	0	0	0	4	8	8	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	2	2	1	1	0	0	0	0	0	5	9	9	29
0300	2	0	0	1—10	0	2	2	0	0	0	0	0	4	5	3	10	26
				11—27	1	0	0	0	0	0	0	0	0	1	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	2	2	0	0	0	0	0	4	6	3	11	29
0600	1	0	0	1—10	2	0	1	1	0	1	0	0	3	9	2	10	29
				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	2	0	1	1	0	1	0	0	3	10	2	10	30
0900	0	0	0	1—10	2	1	2	0	0	0	0	0	1	7	2	16	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	2	1	2	0	0	0	0	0	1	7	2	16	31
1200	0	0	0	1—10	4	0	1	0	0	0	0	0	0	1	0	13	19
				11—27	0	1	0	0	0	0	0	0	0	0	0	11	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	1	1	0	0	0	0	0	0	1	0	24	31
1500	0	0	0	1—10	3	1	0	0	0	0	0	0	0	0	0	8	12
				11—27	2	0	0	0	0	0	0	0	0	0	1	16	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	1	0	0	0	0	0	0	0	0	1	24	31
1800	0	0	0	1—10	2	2	0	0	0	0	0	0	0	0	2	15	21
				11—27	1	1	0	0	0	0	0	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	3	3	0	0	0	0	0	0	0	0	5	20	31
2100	1	0	0	1—10	2	1	0	0	0	0	0	0	0	2	6	15	26
				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	2	1	0	0	0	0	0	0	0	2	8	17	30

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

EL ARISH — AUGUST 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	1	0	1—10	0	0	0	0	0	3	7	9	5	1	3	0	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	0	0	0	0	0	3	7	9	5	1	3	0	28
0300	2	1	0	1—10	0	0	0	1	0	4	5	11	7	0	0	0	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	0	0	0	1	0	4	5	11	7	0	0	0	28
0600	1	0	0	1—10	0	0	2	0	0	5	1	6	10	6	0	0	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	0	0	2	0	0	5	1	6	10	6	0	0	30
0900	0	0	0	1—10	1	0	0	0	0	0	0	0	0	1	11	18	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	1	0	0	0	0	0	0	0	0	1	11	18	31
1200	0	0	0	1—10	0	0	0	0	0	0	0	0	0	0	1	26	27
				11—27	0	0	0	0	0	0	0	0	0	0	1	3	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	0	2	29	31
1500	0	0	0	1—10	2	0	0	0	0	0	0	0	0	0	3	25	30
				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	0	0	0	0	0	4	25	31
1800	1	0	0	1—10	0	5	0	0	0	0	0	0	0	0	5	20	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	0	5	0	0	0	0	0	0	0	0	5	20	30
2100	4	1	0	1—10	1	1	1	0	1	1	4	2	3	0	6	6	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	1	1	0	1	1	4	2	3	0	6	6	26

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

GHAZZA — AUGUST 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	0	1	0	1	16	5	1	0	2	2	1	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	2	0	1	0	1	16	5	1	0	2	2	1	31
0300	0	0	0	1—10	0	1	0	0	3	20	4	1	0	1	1	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	0	1	0	0	3	20	4	1	0	1	1	0	31
0600	1	0	0	1—10	1	0	0	0	1	3	7	6	3	5	3	1	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	1	0	0	0	1	3	7	7	3	5	3	1	30
0900	0	0	0	1—10	0	0	0	0	0	0	0	0	0	9	10	6	25
				11—27	0	0	0	0	0	0	0	0	0	3	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	0	0	0	0	0	0	0	0	0	12	13	6	31
1200	0	0	0	1—10	0	0	0	0	0	0	0	0	0	1	5	5	11
				11—27	1	0	0	0	0	0	0	0	0	2	10	7	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	3	15	12	31
1500	0	0	0	1—10	1	0	0	0	0	0	0	0	0	0	5	13	19
				11—27	5	0	0	0	0	0	0	0	0	0	1	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	6	0	0	0	0	0	0	0	0	0	6	19	31
1800	0	0	0	1—10	11	3	1	0	0	0	0	0	0	0	8	6	29
				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	13	3	1	0	0	0	0	0	0	0	8	6	31
2100	2	0	0	1—10	3	2	0	1	1	5	3	0	0	4	5	5	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	3	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	3	2	0	1	1	5	3	0	0	4	5	5	29

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

ABU SUEIR (A) — AUGUST 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	0	0	0	0	2	0	0	0	5	4	5	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	1	0	0	0	0	2	0	0	0	5	4	5	15
0300	15	0	0	1—10	2	1	0	0	0	0	0	0	6	7	2	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	2	1	0	0	0	0	0	0	6	7	2	4	16
0600	10	0	0	1—10	3	0	1	0	1	0	0	0	2	7	4	2	20
				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	0	2	0	1	0	0	0	2	7	4	2	21
0900	1	0	0	1—10	5	6	1	0	0	0	0	0	0	0	6	6	25
				11—27	0	1	1	1	0	0	0	0	0	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	5	7	2	1	0	0	0	0	0	1	8	6	30
1200	0	0	0	1—10	4	3	1	0	0	0	0	0	0	0	1	5	14
				11—27	1	5	0	1	0	0	0	0	0	0	4	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	5	8	1	1	0	0	0	0	0	0	5	11	31
1500	0	0	0	1—10	2	2	0	0	0	0	0	0	0	0	0	3	7
				11—27	7	6	2	0	0	0	0	0	0	0	1	8	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	9	8	2	0	0	0	0	0	0	0	1	11	31
1800	0	0	0	1—10	4	8	1	0	0	0	0	0	0	0	0	1	14
				11—27	4	5	2	0	0	0	0	0	0	0	1	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	8	13	3	0	0	0	0	0	0	0	1	6	31
2100	9	0	0	1—10	3	4	3	0	0	0	0	0	0	0	3	7	20
				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	3	4	3	0	0	0	0	0	0	0	5	7	22

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

CAIRO (A) — AUGUST 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	8	6	3	0	0	0	0	1	3	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	1	8	6	3	0	0	0	0	1	3	1	7	30
0300	3	0	0	1—10	0	5	2	4	1	0	0	1	3	1	1	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	0	5	2	4	1	0	0	1	3	1	1	10	28
0600	0	0	0	1—10	7	5	3	0	0	0	0	0	0	3	6	6	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	7	5	4	0	0	0	0	0	0	3	6	6	31
0900	0	0	0	1—10	4	2	0	0	0	0	0	0	0	3	10	8	27
				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	4	5	1	0	0	0	0	0	0	3	10	8	31
1200	0	0	0	1—10	0	0	0	0	0	0	0	0	0	1	7	14	22
				11—27	3	1	0	0	0	0	0	0	0	0	2	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	3	1	0	0	0	0	0	0	0	1	9	17	31
1500	0	0	0	1—10	0	0	0	0	0	0	0	0	0	0	0	17	17
				11—27	2	1	0	0	0	0	0	0	0	0	1	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	2	1	0	0	0	0	0	0	0	0	1	27	31
1800	0	0	0	1—10	5	3	0	0	0	0	0	0	0	0	2	15	25
				11—27	3	0	0	0	0	0	0	0	0	0	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	8	3	0	0	0	0	0	0	0	0	2	18	31
2100	0	0	0	1—10	3	14	3	0	0	0	0	0	0	2	1	7	30
				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	3	15	3	0	0	0	0	0	0	2	1	7	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) — AUGUST 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	3	3	0	0	0	0	0	0	0	3	8	21
				11—27	2	0	3	2	0	0	0	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	6	3	6	2	0	0	0	0	0	0	4	9	30
0300	2	0	0	1—10	3	1	1	0	1	0	0	0	1	0	6	11	24
				11—27	1	0	2	1	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	4	1	3	1	1	0	0	0	1	0	6	12	29
0600	0	0	0	1—10	1	3	0	2	0	0	0	0	0	0	1	11	18
				11—27	1	3	2	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	2	6	2	2	0	0	0	0	0	0	2	17	31
0900	0	0		1—10	1	4	0	0	0	0	0	0	0	0	0	9	14
				11—27	3	3	4	0	0	0	0	0	0	0	0	7	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	4	0	0	0	0	0	0	0	0	16	31
1200	0	0	0	1—10	1	3	0	0	0	0	0	0	0	0	1	2	7
				11—27	3	8	2	0	0	0	0	0	0	0	1	10	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	11	2	0	0	0	0	0	0	0	2	12	31
1500	0	0	0	1—10	0	0	0	1	0	0	0	0	0	0	0	0	1
				11—27	3	20	2	0	0	0	0	0	0	0	0	5	30
				28—47	0	0	0	0	0	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	20	2	1	0	0	0	0	0	0	0	5	31
1800	0	0	0	1—10	0	0	0	0	0	0	0	0	0	0	0	1	1
				11—27	10	15	0	0	0	0	0	0	0	0	0	5	30
				28—47	0	0	0	0	0	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	15	0	0	0	0	0	0	0	0	0	0	31
2100	0	0	0	1—10	6	4	1	0	0	0	0	0	0	0	0	3	14
				11—27	2	6	4	1	0	0	0	0	0	0	1	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	8	10	5	1	0	0	0	0	0	0	1	6	31

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

ALMAZA (A) — AUGUST 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	11	7	2	1	1	0	0	0	0	3	4	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	2	11	7	2	1	1	0	0	0	0	3	4	31
0300	0	0	0	1—10	2	10	4	1	1	2	0	0	1	2	4	3	30
				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	2	10	4	2	1	2	0	0	1	2	4	3	31
0600	0	1	0	1—10	0	11	3	6	0	0	0	0	0	3	1	8	29
				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	0	11	3	4	0	0	0	0	0	3	1	8	30
0900	0	0	0	1—10	0	7	2	0	0	0	0	0	0	1	4	13	27
				11—27	0	2	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	0	9	4	0	0	0	0	0	0	1	4	13	31
1200	0	0	0	1—10	0	1	0	1	0	0	0	0	0	0	5	19	26
				11—27	0	0	4	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	0	1	4	2	0	0	0	0	0	0	5	19	31
1500	0	0	0	1—10	5	9	2	0	0	0	0	0	0	0	0	10	26
				11—27	0	4	1	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	5	13	3	0	0	0	0	0	0	0	0	10	31
1800	0	0	0	1—10	1	15	7	0	0	0	0	0	0	0	0	8	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	1	15	7	0	0	0	0	0	0	0	0	8	31
2100	0	0	0	1—10	0	10	16	0	0	0	0	0	0	0	1	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	0	10	16	0	0	0	0	0	0	0	1	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)—AUGUST 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	5	2	0	1	0	0	0	0	2	1	11	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	1	5	2	0	1	0	0	0	0	2	1	11	23
0300	14	0	0	1—10	3	2	1	0	0	0	0	0	2	3	1	7	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	2	1	0	0	0	0	0	2	3	1	7	17
0600	0	0	0	1—10	2	6	2	0	0	0	0	0	0	3	3	15	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	2	6	2	0	0	0	0	0	0	3	3	15	31
0900	0	0	0	1—10	1	7	1	0	0	0	0	0	0	2	4	15	29
				11—27	1	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	2	7	1	0	0	0	0	0	0	2	4	15	31
1200	0	0	0	1—10	3	1	0	0	0	0	0	0	0	1	1	22	28
				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	3	1	0	0	0	0	0	0	0	1	1	25	31
1500	0	0	0	1—10	3	3	0	0	0	0	0	0	0	0	0	23	29
				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	3	3	0	0	0	0	0	0	0	0	0	25	31
1800	0	0	0	1—10	4	2	0	0	0	0	0	0	0	0	1	24	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	2	0	0	0	0	0	0	0	0	1	24	31
2100	1	0	0	1—10	7	9	1	0	0	0	0	0	0	0	0	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	7	9	1	0	0	0	0	0	0	0	0	13	30

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

GIZA — AUGUST 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	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	1	0	0	1-10	2	6	0	0	0	0	0	0	0	1	1	20	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	6	0	0	0	0	0	0	0	1	1	20	30
0900	0	0	0	1-10	5	5	0	0	0	0	0	0	1	1	2	16	30
				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	6	0	0	0	0	0	0	1	1	2	16	31
1200	0	0	0	1-10	5	3	0	0	0	0	0	0	0	0	2	16	26
				11-27	0	3	0	0	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	6	0	0	0	0	0	0	0	0	2	18	31
1500	0	0	0	1-10	1	11	1	0	0	0	0	0	0	0	0	9	22
				11-27	0	4	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	1	15	1	0	0	0	0	0	0	0	0	14	31
1800	0	0	0	1-10	8	9	2	0	0	0	0	0	0	0	0	13	30
				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	8	9	2	0	0	0	0	0	0	0	0	14	31
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 DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

HELWAN — AUGUST 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	9	5	4	0	0	0	0	0	0	1	0	6	25
				11—27	0	3	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	9	8	5	0	0	0	0	0	0	1	0	7	30
0300	3	0	0	1—10	13	7	2	0	0	0	0	0	0	0	3	2	27
				11—27	0	0	0	0	0	0	0	0	0	0	0	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	13	7	3	0	0	0	0	0	0	0	3	2	28
0600	5	0	0	1—10	13	3	2	0	0	0	0	0	0	1	0	3	22
				11—27	2	0	0	0	0	0	0	0	0	0	1	0	3
				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	15	4	2	0	0	0	0	0	0	1	1	3	26
0900	0	0	0	1—10	9	1	2	0	0	0	0	0	0	1	7	6	26
				11—27	2	1	1	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	11	2	3	0	0	0	0	0	0	1	8	6	31
1200	0	0	0	1—10	7	1	0	0	0	0	0	0	0	3	2	5	18
				11—27	1	2	1	0	0	0	0	0	0	0	5	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	8	3	1	0	0	0	0	0	0	3	7	9	31
1500	0	0	0	1—10	7	0	0	0	0	0	0	0	0	2	3	7	19
				11—27	6	1	0	0	0	0	0	0	0	0	0	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	13	1	0	0	0	0	0	0	0	2	3	12	31
1800	0	0	0	1—10	9	1	0	0	0	0	0	0	0	0	0	4	14
				11—27	10	5	0	0	0	0	0	0	0	0	0	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	19	6	0	0	0	0	0	0	0	0	0	6	31
2100	0	0	0	1—10	10	6	0	0	0	0	0	0	0	0	0	3	19
				11—27	2	7	1	0	0	0	0	0	0	0	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	12	13	1	0	0	0	0	0	0	0	1	4	31

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

MINYA (A) — AUGUST 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	3	0	0	1—10	3	1	1	0	0	0	0	0	0	0	2	19	26
				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	3	1	1	0	0	0	0	0	0	0	2	21	28
0300	2	0	0	1—10	1	1	0	0	0	0	0	0	0	0	2	22	26
				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	1	0	0	0	0	0	0	0	0	2	24	29
0600	2	0	0	1—10	1	3	0	0	0	0	0	0	0	1	0	17	22
				11—27	2	1	0	0	0	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	3	4	0	0	0	0	0	0	0	1	0	21	29
0900	1	0	0	1—10	4	5	0	0	0	0	0	0	0	0	1	14	24
				11—27	2	0	0	0	0	0	0	0	0	0	0	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	6	5	0	0	0	0	0	0	0	0	1	18	30
1200	1	0	0	1—10	5	10	1	0	0	0	0	0	0	0	0	6	22
				11—27	1	3	0	0	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	6	13	1	0	0	0	0	0	0	0	0	10	30
1500	1	0	0	1—10	8	16	0	0	0	0	0	0	0	0	0	3	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	8	17	0	0	0	0	0	0	0	0	0	5	30
1800	7	0	0	1—10	4	8	1	0	0	0	0	0	0	0	0	9	22
				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	5	9	1	0	0	0	0	0	0	0	0	9	24
2100	2	0	0	1—10	2	4	0	0	0	0	0	0	0	0	0	19	25
				11—27	1	2	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	3	6	0	0	0	0	0	0	0	0	0	20	29

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

ASYOUT (A) — AUGUST 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	0	0	0	0	0	0	0	3	15	6	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	0	0	0	0	0	0	3	15	6	0	24
0300	5	0	0	1—10	0	0	0	0	0	0	0	0	0	18	8	0	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	0	0	0	0	0	0	0	0	0	18	8	0	26
0600	5	0	0	1—10	0	0	0	0	0	0	0	0	0	5	18	3	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	0	0	0	0	0	0	0	0	0	5	18	3	26
0900	1	0	0	1—10	1	1	0	0	0	0	0	0	0	1	9	9	21
				11—27	0	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	1	1	0	0	0	0	0	0	0	1	11	16	30
1200	0	0	0	1—10	0	0	0	1	0	0	0	0	0	0	4	6	21
				11—27	0	0	0	0	0	0	0	0	0	0	8	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	0	0	0	1	0	0	0	0	0	0	13	18	31
1500	0	0	0	1—10	0	1	0	0	0	0	0	0	0	1	5	15	22
				11—27	0	0	0	0	0	0	0	0	0	0	8	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	1	0	0	0	0	0	0	0	1	13	16	31
1800	5	0	0	1—10	1	0	0	0	0	0	0	1	1	4	15	4	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	0	0	0	0	1	1	4	15	4	26
2100	7	0	0	1—10	0	0	0	0	0	0	0	0	3	5	3	0	24
				11—27	0	0	0	0	0	0	0	0	0	8	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	3	15	3	0	24

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

LUXOR (A) — AUGUST 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	0	1	0	1	0	0	4	3	3	4	1	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	0	1	0	1	0	0	4	3	3	4	1	2	19
0300	18	0	0	1—10	1	0	1	0	0	1	1	1	5	3	0	0	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	1	0	1	0	0	1	1	1	5	3	0	0	13
0600	18	0	0	1—10	1	1	0	1	0	0	0	0	3	1	3	3	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	1	1	0	1	0	0	0	0	3	1	3	3	13
0900	2	0	0	1—10	5	4	0	1	0	0	0	0	1	3	2	13	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	5	4	0	1	0	0	0	0	1	0	2	13	29
1200	0	0	0	1—10	2	4	0	0	0	0	0	0	1	1	1	20	28
				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	4	0	0	0	0	0	0	1	1	1	23	31
1500	1	0	0	1—10	0	1	1	1	0	0	0	0	0	1	1	23	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	0	1	1	1	0	0	0	0	0	1	1	26	30
1800	5	0	0	1—10	1	1	0	0	0	0	1	0	1	2	3	14	24
				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	0	0	0	0	1	0	1	2	3	16	26
2100	10	0	0	1—10	0	4	0	0	0	2	1	4	5	3	2	0	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	4	0	0	0	2	1	4	5	3	2	0	21

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

ASWAN (A) — AUGUST 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	2	4	0	0	0	0	0	1	0	1	3	14	25
				11—27	0	1	0	0	0	0	1	0	0	0	2	0	4
				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	5	0	0	0	0	1	1	0	1	5	15	30
0300	3	0	0	1—10	2	2	0	0	0	0	1	0	0	1	0	14	20
				11—27	1	1	0	0	0	0	0	1	0	0	1	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	3	3	0	0	0	0	1	1	0	1	1	18	28
0600	0	0	0	1—10	4	10	0	0	0	1	0	0	0	0	2	7	24
				11—27	0	2	0	0	0	0	1	1	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	4	12	0	0	0	1	1	1	0	0	3	9	31
0900	1	0	0	1—10	1	6	1	2	1	0	0	0	1	0	2	3	17
				11—27	2	5	0	0	0	0	0	0	0	0	1	5	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	11	1	2	1	0	0	0	1	0	3	8	30
1200	1	0	0	1—10	1	2	0	0	0	0	0	1	1	2	4	5	16
				11—27	1	3	0	0	0	0	0	0	1	2	2	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	2	5	0	0	0	0	0	1	2	4	6	10	30
1500	0	0	0	1—10	1	3	1	0	0	1	0	0	0	0	3	7	16
				11—27	1	1	0	0	0	0	0	0	0	0	3	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	2	4	1	0	0	1	0	0	0	0	6	17	31
1800	1	0	0	1—10	0	1	0	0	0	0	0	0	0	2	3	8	14
				11—27	1	0	0	0	0	0	0	0	0	1	1	13	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	1	0	0	0	0	0	0	0	3	4	21	30
2100	0	0	0	1—10	1	2	0	0	0	0	1	0	0	1	2	5	12
				11—27	1	0	0	0	0	0	0	0	1	0	2	15	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	2	0	0	0	0	1	0	1	1	4	20	31

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

SIWA — AUGUST 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	15	0	0	1—10	0	5	5	3	0	0	0	0	0	0	0	1	14
				11—27	0	0	0	2	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**	**5**	**5**	**5**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**16**
0300	18	0	0	1—10	2	3	5	0	0	1	0	0	0	0	0	2	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	**2**	**3**	**5**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**2**	**13**
0600	8	0	0	1—10	2	5	4	2	2	0	0	0	1	0	0	7	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	**2**	**5**	**4**	**2**	**2**	**0**	**0**	**0**	**1**	**0**	**0**	**7**	**23**
0900	2	0	0	1—10	2	2	3	0	2	1	2	1	1	2	4	7	27
				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	**2**	**2**	**3**	**1**	**2**	**1**	**2**	**1**	**1**	**2**	**4**	**8**	**29**
1200	2	0	0	1—10	0	1	0	1	0	1	0	0	1	2	6	8	20
				11—27	0	0	0	1	0	0	0	0	0	0	0	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	**0**	**1**	**0**	**2**	**0**	**1**	**0**	**0**	**1**	**2**	**6**	**16**	**29**
1500	0	0	0	1—10	0	0	0	1	0	1	0	1	0	3	2	9	17
				11—27	0	0	1	0	0	0	0	0	0	1	1	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	**0**	**0**	**1**	**1**	**0**	**1**	**0**	**1**	**0**	**4**	**3**	**20**	**31**
1800	3	0	0	1—10	1	0	0	0	1	0	0	0	0	3	8	12	25
				11—27	0	0	2	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	**1**	**0**	**2**	**0**	**1**	**0**	**0**	**0**	**0**	**3**	**8**	**13**	**28**
2100	9	0	0	1—10	0	5	6	2	0	0	0	0	0	0	1	2	16
				11—27	1	3	1	1	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	**1**	**8**	**7**	**3**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**2**	**22**

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

BAHARIYA — AUGUST 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	3	11	0	1	0	0	0	0	1	0	0	4	20
				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	11	1	1	0	0	0	0	1	0	0	4	21
0300	22	0	0	1—10	1	3	1	0	0	0	0	0	0	0	0	4	9
				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	3	1	0	0	0	0	0	0	0	0	4	9
0600	15	0	0	1—10	4	5	1	0	0	0	0	0	0	0	0	6	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	4	5	1	0	0	0	0	0	0	0	0	6	16
0900	0	0	0	1—10	3	8	2	2	0	0	0	0	0	0	3	10	28
				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	3	9	2	3	0	0	0	0	0	0	3	11	31
1200	0	0	0	1—10	2	4	1	1	0	0	1	0	0	0	3	9	21
				11—27	0	1	1	0	0	0	0	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	2	5	2	1	0	0	1	0	0	0	6	14	31
1500	1	0	0	1—10	1	1	1	0	0	0	0	0	0	0	3	12	18
				11—27	0	1	2	0	0	0	0	0	0	0	0	9	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	2	3	0	0	0	0	0	0	0	3	21	30
1800	0	0	0	1—10	1	0	0	2	0	0	0	0	0	0	3	23	29
				11—27	0	1	1	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	1	1	1	2	0	0	0	0	0	0	3	23	31
2100	7	0	0	1—10	3	5	0	0	0	0	0	0	0	0	0	14	22
				11—27	0	1	1	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	6	1	0	0	0	0	0	0	0	0	14	24

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

FARAFRA — AUGUST 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	1	1—10	2	3	2	0	0	0	0	0	0	0	3	13	23
				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	3	2	0	0	0	0	0	0	0	3	13	25
0300	15	0	0	1—10	4	3	0	1	0	0	0	0	0	0	1	7	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	4	3	0	1	0	0	0	0	0	0	1	7	16
0600	13	0	0	1—10	8	5	0	0	0	0	0	0	0	0	0	3	16
				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	10	5	0	0	0	0	0	0	0	0	0	3	18
0900	3	0	0	1—10	2	7	3	2	1	0	0	0	0	0	0	6	21
				11—27	1	2	1	1	0	0	0	0	0	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	9	4	3	1	0	0	0	0	0	1	7	28
1200	3	0	0	1—10	2	0	1	0	0	0	0	0	0	0	2	12	17
				11—27	1	1	1	1	0	0	0	0	0	0	0	7	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	1	2	1	0	0	0	0	0	0	2	19	28
1500	0	0	0	1—10	0	1	2	1	0	0	0	0	0	0	2	10	16
				11—27	1	0	2	0	0	0	0	0	0	0	1	11	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	1	4	1	0	0	0	0	0	0	3	21	31
1800	2	0	0	1—10	0	2	0	0	0	0	1	0	0	0	1	22	26
				11—27	1	0	1	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	1	2	0	0	0	0	1	0	0	0	1	22	29
2100	5	0	0	1—10	1	4	0	0	0	0	0	0	0	0	3	16	24
				11—27	0	1	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	1	5	0	0	0	0	0	1	0	0	3	16	26

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

DAKHLA — AUGUST 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	2	2	2	0	0	2	1	4	6	8	3	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	0	2	2	2	0	0	2	1	4	6	8	3	30
0300	1	0	0	1—10	0	0	0	1	1	0	1	4	9	8	5	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	0	0	0	1	1	0	1	4	9	8	5	1	30
0600	0	0	0	1—10	0	0	1	1	0	1	3	2	3	8	5	6	30
				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	0	0	1	2	0	1	3	2	3	8	5	6	31
0900	0	0	0	1—10	2	2	2	1	0	1	0	0	0	1	6	7	22
				11—27	4	0	0	0	0	0	0	0	0	0	1	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	6	2	2	1	0	1	0	0	0	1	7	11	31
1200	0	0	0	1—10	0	1	0	0	0	1	1	0	1	1	1	10	16
				11—27	2	1	0	0	0	0	0	0	0	0	1	11	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	2	0	0	0	1	1	0	1	1	2	21	31
1500	0	0	0	1—10	0	0	1	0	0	0	0	0	0	0	2	12	15
				11—27	0	1	1	0	0	0	0	0	0	0	0	14	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	1	2	0	0	0	0	0	0	0	2	26	31
1800	0	0	0	1—10	3	0	0	1	0	0	1	0	0	0	2	24	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	3	0	0	1	0	0	1	0	0	0	2	24	31
2100	0	0	0	1—10	0	0	0	3	0	0	0	0	1	7	13	6	30
				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	1	0	0	3	0	0	0	0	1	7	13	6	31

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

KHARGA — AUGUST 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	27	0	0	1—10	0	0	0	0	0	0	0	0	0	0	0	2	2
				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	0	0	0	0	0	0	0	0	0	0	4	4
0300	27	0	0	1—10	1	0	0	0	0	0	0	0	0	0	0	1	2
				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	0	0	0	0	0	0	0	0	0	0	3	4
0600	24	0	0	1—10	1	0	0	0	0	0	0	0	0	0	0	1	2
				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	1	0	0	0	0	0	0	0	0	0	0	6	7
0900	10	0	0	1—10	0	1	0	0	0	0	0	0	0	0	0	10	11
				11—27	2	0	0	0	0	0	0	1	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	2	1	0	0	0	0	0	1	0	0	0	17	21
1200	3	0	0	1—10	1	0	0	0	0	1	0	1	0	0	1	16	20
				11—27	3	0	0	0	0	0	0	0	0	0	0	5	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	0	0	0	1	0	1	0	0	1	21	28
1500	5	0	0	1—10	0	0	0	0	0	0	0	0	0	0	1	18	19
				11—27	0	1	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	0	1	0	0	0	0	0	0	0	0	2	23	26
1800	23	0	0	1—10	0	0	0	0	0	0	0	0	0	0	0	7	7
				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	0	0	0	0	0	0	0	0	0	8	8
2100	25	0	0	1—10	0	0	0	0	0	0	0	0	0	0	0	5	5
				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	0	0	0	0	0	0	0	0	0	6	6

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

TOR — AUGUST 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												
					315 / 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	0	0	0	1	0	0	0	1	4	3	9
				11—27	0	0	0	0	0	0	0	0	0	4	11	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
				All speeds	0	0	0	0	0	1	0	0	0	5	15	7	28
0300	5	0	0	1—10	0	0	0	0	0	0	0	0	0	2	11	2	15
				11—27	0	0	0	0	0	0	0	0	0	2	6	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	0	0	0	0	0	0	0	0	0	4	17	5	26
0600	3	0	0	1—10	0	0	0	0	0	0	0	0	0	2	12	0	14
				11—27	0	0	0	0	0	0	0	0	0	1	11	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	0	0	0	0	0	0	0	0	0	3	23	2	28
0900	1	0	0	1—10	0	0	0	0	0	0	0	0	1	2	4	0	7
				11—27	0	0	0	0	0	0	0	0	0	1	20	2	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	0	0	0	0	0	0	0	0	1	3	24	2	30
1200	2	0	0	1—10	0	0	0	0	0	0	0	0	0	4	3	0	7
				11—27	0	0	0	0	0	0	0	0	0	7	12	2	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	0	0	0	0	11	15	3	29
1500	1	0	0	1—10	0	0	0	0	0	0	0	1	0	11	7	0	19
				11—27	0	0	0	0	0	0	0	0	0	5	6	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	1	0	0	0	0	0	0	1	0	16	13	0	30
1800	6	0	0	1—10	0	0	0	0	0	1	0	0	0	5	11	1	18
				11—27	0	0	0	0	0	0	0	0	0	0	5	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	0	0	0	0	0	1	0	0	0	5	16	3	25
2100	5	0	0	1—10	0	0	0	0	0	0	0	0	0	4	9	1	14
				11—27	0	0	0	0	0	0	0	0	0	1	7	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	0	0	0	0	0	0	0	0	0	5	16	5	26

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

HURGHADA — AUGUST 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	0	6	3	9
				11—27	0	0	0	0	0	0	0	0	0	2	9	9	20
				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	0	0	2	15	13	30
0300	1	0	0	1—10	1	0	0	0	0	0	0	0	0	1	8	1	11
				11—27	1	0	0	0	0	0	0	0	0	1	4	12	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	0	0	0	0	0	0	0	0	2	12	14	30
0600	0	0	0	1—10	2	0	0	0	0	0	0	0	0	0	0	3	5
				11—27	0	0	0	0	0	0	0	0	0	0	2	22	24
				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	2	0	0	0	0	0	0	0	0	0	2	27	31
0900	0	0	0	1—10	2	5	0	0	0	0	0	0	0	0	0	0	7
				11—27	6	0	0	0	0	0	0	0	0	0	0	18	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	8	5	0	0	0	0	0	0	0	0	0	18	31
1200	0	0	0	1—10	0	3	2	0	0	1	0	0	0	0	0	0	6
				11—27	15	3	0	0	0	0	0	0	0	0	0	7	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	15	6	2	0	0	1	0	0	0	0	0	7	31
1500	0	0	0	1—10	4	1	2	1	1	2	0	0	0	0	0	2	13
				11—27	5	0	0	0	0	0	0	0	0	0	0	12	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	9	1	2	1	1	2	0	0	0	0	0	15	31
1800	3	0	0	1—10	0	0	0	0	1	1	0	0	1	0	4	3	10
				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	0	0	0	1	1	0	0	1	0	11	14	28
2100	3	0	0	1—10	0	0	0	0	0	0	0	0	0	2	8	2	12
				11—27	0	0	0	0	0	0	0	0	0	4	8	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	0	0	0	0	0	0	0	0	0	6	16	6	28

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

QUSEIR — AUGUST 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	0	0	0	0	0	0	0	1	0	7	3	5	16
				11—27	0	0	0	0	0	0	0	0	0	0	1	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	0	0	0	0	0	0	0	1	0	7	4	10	22
0300	1	0	0	1—10	0	0	0	0	0	0	0	0	0	3	8	5	16
				11—27	0	0	0	0	0	0	0	0	0	1	2	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	0	0	0	0	0	0	0	0	0	4	10	16	30
0600	1	0	0	1—10	0	0	0	0	0	0	0	0	0	0	0	6	6
				11—27	0	0	0	0	0	0	0	0	0	0	0	24	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	0	0	0	0	0	0	0	0	0	0	0	30	30
0900	0	0	0	1—10	1	1	1	0	0	0	0	0	0	0	0	1	4
				11—27	0	3	0	0	0	0	0	0	0	0	0	24	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	1	4	1	0	0	0	0	0	0	0	0	25	31
1200	0	0	0	1—10	0	8	1	0	0	0	0	0	0	0	0	5	14
				11—27	0	2	0	0	0	0	0	0	0	0	0	15	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	0	10	1	0	0	0	0	0	0	0	0	20	31
1500	7	0	0	1—10	1	0	0	1	0	0	0	0	0	0	0	11	13
				11—27	0	0	0	0	0	0	0	0	0	0	0	11	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	0	0	1	0	0	0	0	0	0	0	22	24
1800	12	0	0	1—10	0	0	0	0	1	1	1	0	0	0	6	6	15
				11—27	0	0	0	0	0	0	0	0	0	0	0	4	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	1	1	1	0	0	0	6	10	19
2100	14	0	0	1—10	0	0	0	0	0	1	0	1	1	3	2	1	9
				11—27	0	0	0	0	0	0	0	0	0	0	0	8	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	0	0	0	1	0	1	1	3	2	9	17

TABLE B 1.—UPPER AIR CLIMATOLOGICAL DATA

MERSA MATRUH(A) — 0000 U.T. — AUGUST 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	31	1007mb.	1011mb.	1002mb.	31	23.9	25.5	20.0	31	20.5
1000	31	105	132	60	31	23.8	26.1	20.4	31	19.9
850	31	1519	1538	1468	31	19.7	23.0	14.3	28	3.2
700	31	3159	3197	3117	31	10.2	14.3	— 2.4	10	— 1.7
600	31	4426	4460	4361	31	3.0	8.7	— 2.9	4	— 7.7
500	31	5859	5926	5793	31	— 4.5	— 0.1	—10.8	—	—
400	30	7605	7672	7543	30	—14.7	—10.2	—13.8	—	—
300	30	9724	9800	9595	30	—29.0	—26.0	—32.7	—	—
200	30	12499	12592	12264	30	—48.5	—46.2	—51.4	—	—
150	30	14343	14425	14155	30	—61.3	—59.0	—65.0	—	—
100	35	16787	16876	16697	25	—73.5	—69.0	—78.1	—	—
60	14	19833	19917	19760	14	—64.3	—61.0	—68.0	—	—
40	11	22370	22437	22272	11	—56.8	—55.4	—59.0	—	—
30	8	24215	24272	24122	8	—52.6	—50.7	—54.4	—	—
20	6	26869	26921	26800	6	—48.2	—46.8	—49.4	—	—
10	3	31497	31523	31469	3	—41.4	—40.5	—42.0	—	—

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

TABLE B 1.—UPPER AIR CLIMATOLOGICAL DATA

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

Pressure surface (millibar)	Altitude of pressure surface (gpm.)				Temperature (°C)				Dew point (°C)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
Surface	31	1007mb.	1012mb.	1002mb.	31	28.1	30.5	27.0	31	21.9
1000	31	108	139	60	31	27.5	30.5	26.2	31	20.7
850	31	1529	1567	1484	31	20.2	24.2	16.3	28	2.1
700	31	3172	3225	3130	31	11.0	16.0	6.4	10	— 3.5
600	31	4440	4487	4392	31	4.0	8.5	1.4	2	—11.2
500	31	5909	5956	5851	31	— 3.7	— 0.6	— 6.0	—	—
400	31	7612	7692	7560	31	—14.1	—10.2	—18.8	—	—
300	31	9751	9830	9657	31	—28.1	—25.1	—32.0	—	—
200	31	12544	12630	12428	31	—47.7	—45.3	—52.0	—	—
150	31	14388	14484	14269	31	—60.6	—58.2	—64.9	—	—
100	27	16831	16938	16672	27	—72.8	—70.3	—76.8	—	—
60	16	19884	19952	19855	16	—63.3	—56.1	—67.0	—	—
40	11	22418	22480	22336	11	—54.9	—56.8	—52.4	—	—
30	10	24271	24350	24206	10	—49.9	—47.8	—54.1	—	—
20	1	26975	—	—	1	—43.7	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—

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

TABLE B 1.—UPPER AIR CLIMATOLOGICAL DATA

HELWAN — 0000 U.T. — AUGUST 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 . .	27	992mb.	996mb.	988mb.	27	25.1	31.4	22.0	27	17.4
1000 . . . . . *	27	78	108	44	—	—	—	—	—	—
850	27	1494	1527	1462	27	21.8	26.6	16.0	24	3.2
700	27	3150	3206	3108	27	12.6	16.8	8.0	11	— 3.2
600	27	4423	4482	4365	26	4.9	8.6	3.0	7	— 9.6
500	27	5889	5937	5839	27	— 2.7	0.7	— 9.3	6	—15.6
400	27	7624	7686	7562	27	—13.7	— 9.5	—17.0	—	—
300	27	9749	9842	9683	27	—27.9	—24.9	—32.6	—	—
200	27	12541	12662	12444	27	—48.3	—45.8	—52.0	—	—
150	25	14376	14512	14270	25	—61.8	—59.0	—65.0	—	—
100	24	16805	16950	16680	24	—75.3	—71.5	—79.5	—	—
60	19	19805	19976	19667	19	—66.3	—58.5	—77.4	—	—
40	15	22361	22495	22005	15	—57.0	—48.6	—71.6	—	—
30	6	24138	24286	22721	6	—55.9	—42.6	—67.5	—	—
20	1	26721	—	—	1	—50.7	—	—	—	—
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. — AUGUST 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	* 991mb	* 995mb.	* 987mb.	28	34.9	41.0	31.0	28	13.4
1000	28	72	100	36	—	—	—	—	—	—
850	28	1503	1544	1470	28	22.0	27.2	17.2	26	4.9
700	28	3159	3214	3126	27	12.7	18.8	8.0	16	— 6.2
600	28	4434	4510	4391	27	4.9	9.5	1.7	10	— 8 4
500	28	5900	5977	5856	28	— 2.6	2.0	— 6.7	—	—
400	28	7637	7719	7565	28	—13.0	— 7.6	—18.0	—	—
300	28	9767	9870	9673	28	—27.7	—24.0	—32.0	—	—
200	27	12564	12697	12453	27	—48.0	—44.7	—50.7	—	—
150	26	14405	14544	14288	26	—61.1	—58.0	—64.1	—	—
100	25	16831	16967	16720	25	—74.6	—71.0	—78.2	—	—
60	20	19836	19986	19707	20	—64.4	—60.0	—73.9	—	—
40	14	22387	22507	22225	14	—55.0	—51.0	—57.5	—	—
30	6	24204	24301	24071	6	—51.6	—49.4	—54.7	—	—
20	5	26863	26981	26773	5	—46.5	—45.5	—47.7	—	—
10	1	31355	—	—	1	—49.0	—	—	—	—

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. — AUGUST 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	983mb.	987mb.	978mb.	29	30.2	34.0	25.8	29	4.3
1000	—	—	—	—	—	—	—	—	—	—
850	29	1487	1513	1452	29	25.8	33.8	20.9	29	0.3
700	29	3156	3198	3105	29	13.6	22.0	6.9	12	— 6.0
600	29	4435	4565	4381	29	5.0	12.9	1.7	14	—11.9
500	29	5896	6008	5843	29	— 5.1	2.3	—10.8	12	—19.6
400	29	7621	7767	7551	29	—13.9	— 5.5	—19.6	4	—26.4
300	29	9745	9933	9628	29	—28.1	—18.9	—34.2	—	—
200	29	12534	12831	12384	29	—48.8	—38.8	—53.9	—	—
150	25	14370	14739	14177	25	—61.8	—49.8	—66.9	—	—
100	23	16804	17303	16555	23	—74.9	—63.0	—81.2	—	—
60	12	19682	19822	19496	12	—67.2	—63.4	—80.2	—	—
40	8	22211	22354	22083	8	—59.2	—56.8	—64.8	—	—
30	3	24084	24165	23978	3	—57.9	—53.2	—61.5	—	—
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. — AUGUST 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	983mb.	986mb.	977mb.	29	41.0	46.8	37.4	29	4.0
1000	—	—	—	—	—	—	—	—	—	—
850	29	1508	1545	1463	29	27.4	35.3	22.6	12	— 0.4
700	29	3185	3247	3110	29	15.1	20.7	8.7	13	— 8.1
600	29	4469	4551	4379	29	5.9	13.8	—3.6	8	—11.6
500	29	5936	6057	5824	29	— 3.6	5.7	— 3.6	8	—18.9
400	29	7670	7849	7541	29	—12.4	— 1.6	—17.7	3	—30.5
300	29	9811	10086	9661	39	—26.2	—12.5	—32.2	—	—
200	26	12629	13077	12435	26	—46.0	—20.8	—52.5	—	—
150	24	14466	15022	14254	24	—60.0	—42.3	—70.0	—	—
100	18	16856	17700	16574	18	—73.6	—52.7	—78.5	—	—
60	7	19724	19820	19626	7	—66.4	—63.0	—71.2	—	—
40	3	22283	22303	22268	3	—54.0	—46.5	—59.2	—	—
30	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—

N = Number of observations of specified pressure surfaces.

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

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

0000 U.T. — AUGUST 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)	5611 (31)	558 (31)	— 8.2 (3)	6040	492	—	3390	678	—	14324 (22)	150 (25)	—62.8 (22)	15930	117	—70.2	11470	172	—46.7	16700	—	200	80
Helwan	5389 (27)	531 (27)	— —	6000	492	—	4850	566	—	15544 (22)	128 (22)	—68.1 (22)	18750	72	—70.5	11270	239	—42.1	22500	37	200	58
Aswan . . . (A)	5199 (29)	548 (29)	—14.9 (10)	6500	466	—	4630	583	—	15375 (18)	129 (18)	—70.2 (18)	18125	80	—81.0	12610	197	—53.0	17600	77	110	88

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. — AUGUST 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)	5222 (31)	546 (31)	— 8.7 (3)	5730	512	—	4500	597	— 6.3	14243 (26)	155 (26)	—60.0 (26)	15500	125	— 68.5	11000	249	—36.7	11900	220	230	52
Helwan	5446 (28)	532 (28)	— —	6390	473	—	4680	582	— 4.8	14831 (24)	144 (24)	—66.4 (24)	16850	100	—77.5	10500	272	—36.0	15460	126	170	28
Aswan . . . (A)	5411 (29)	536 (29)	—13.6 (4)	7000	445	—	3940	634	—	15289 (15)	131 (15)	—68.2 (15)	17480	88	—79.5	13320	177	—58.5	16800	77	140	65

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. — AUGUST 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	6	0	—	0	—	0	—	0	—	0	—	0	—	0	—	4	5	16	6	2	10	3	7	4	31	6
1000	2	5	0	—	0	—	0	—	0	—	0	—	0	—	0	—	3	6	8	6	7	10	7	9	4	31	7
850	10	9	1	4	0	—	1	5	0	—	1	9	0	—	1	8	2	15	3	13	6	10	5	10	1	31	10
700	4	9	0	—	0	—	3	10	1	12	0	—	4	11	0	—	4	12	5	12	8	8	2	8	0	31	10
600	1	5	1	8	0	—	1	12	2	16	0	—	2	16	3	19	4	18	8	14	7	12	2	8	0	31	14
500	1	8	0	—	0	—	1	20	1	24	1	6	1	23	4	26	6	15	13	18	2	13	0	—	0	30	18
400	0	—	0	—	0	—	0	—	0	—	2	13	2	14	6	22	8	12	10	22	1	9	1	13	0	30	20
300	0	—	0	—	0	—	0	—	0	—	0	—	2	10	10	24	10	23	4	18	1	23	0	—	1	28	21
200	0	—	0	—	0	—	0	—	0	—	2	18	3	15	11	20	6	30	1	15	1	27	0	—	1	25	22
150	1	15	0	—	0	—	0	—	2	26	2	16	6	16	7	24	2	34	0	—	0	—	0	—	0	20	22
100	0	—	0	—	0	—	2	21	2	21	4	12	1	14	3	33	0	—	0	—	0	—	0	—	0	12	20
60	0	—	0	—	0	—	0	—	0	—	0	—	1	22	0	—	0	—	0	—	0	—	0	—	0	1	22
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 SPECIF ED RANGES AND THE MEAN SCALAR WIND SPEED AT THE STANDARD AND SELECTED PRESSURE SURFACES

MERSA MATRUH (A) — 1200 U.T. — AUGUST 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 s (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	2	10	2	15	0	—	0	—	0	—	0	—	0	—	0	—	0	—	6	16	15	13	0	31	14
1000	6	12	1	3	2	15	0	—	0	—	0	—	0	—	0	—	0	—	0	—	11	13	11	14	0	31	12
850	2	8	1	4	1	11	1	8	0	—	2	4	1	14	1	9	2	12	7	10	10	12	3	9	0	31	10
700	2	6	0	—	1	5	0	—	1	10	1	5	5	13	3	10	7	12	4	10	6	11	0	—	1	31	10
600	1	6	0	—	0	—	0	—	2	23	0	—	3	16	8	14	5	14	5	13	5	13	1	8	1	31	13
500	1	5	0	—	0	—	0	—	2	23	1	13	1	15	8	17	8	17	8	19	1	10	0	—	1	31	16
400	0	—	0	—	0	—	0	—	1	15	0	—	1	27	8	22	14	18	6	23	0	—	0	—	1	31	20
300	0	—	0	—	1	7	0	—	0	—	0	—	3	12	9	24	9	25	8	19	0	—	1	15	0	31	21
200	0	—	0	—	0	—	1	10	3	14	1	23	3	20	9	21	9	25	2	22	1	15	0	—	1	30	20
150	0	—	0	—	0	—	1	24	3	9	3	17	4	13	9	19	6	20	1	30	0	—	0	—	0	27	17
100	0	—	0	—	1	20	3	14	3	19	0	—	1	14	4	19	0	—	0	—	0	—	0	—	0	12	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 direction during the month.

ABLE 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. — AUGUST 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	11	7	6	10	4	11	0	—	0	—	0	—	0	—	0	—	0	—	1	7	0	—	4	6	1	27	8
1000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
850	2	6	6	13	2	23	1	3	1	9	0	—	0	—	0	—	1	14	2	13	4	15	8	14	0	27	13
700	2	12	2	14	0	—	1	17	2	12	2	24	1	14	6	14	3	13	3	8	4	10	1	24	0	27	14
600	1	10	1	14	0	—	1	25	2	22	1	20	3	14	2	25	8	18	2	18	5	13	1	5	0	27	17
500	0	—	0	—	1	17	1	23	2	14	0	—	2	20	4	17	8	18	4	19	3	16	2	16	0	27	18
400	1	19	1	4	1	17	0	—	0	—	1	6	0	—	4	16	9	16	5	18	4	16	1	20	0	27	16
300	2	10	0	—	0	—	0	—	0	—	0	—	1	13	7	18	7	15	3	12	4	13	3	16	0	27	15
200	0	—	2	14	1	10	0	—	1	3	1	7	7	15	7	25	5	19	1	14	2	16	0	—	0	27	17
150	0	—	0	—	2	10	0	—	3	19	5	15	2	10	6	23	4	19	1	25	0	—	0	—	0	23	18
100	1	7	0	—	0	—	2	22	9	20	3	17	2	22	1	19	2	24	0	—	0	—	0	—	0	20	20
60	0	—	0	—	2	16	9	25	1	16	0	—	0	—	2	30	0	—	0	—	0	—	0	—	0	14	24
40	1	25	0	—	1	20	4	23	0	—	0	—	0	—	1	56	0	—	0	—	0	—	0	—	0	7	23
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. — AUGUST 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	12	3	15	0	—	0	—	0	—	0	—	0	—	0	—	0	—	3	9	5	10	8	9	0	28	11
1000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0	—	—
850	4	13	4	10	5	10	0	—	0	—	0	—	0	—	1	8	1	8	3	15	5	11	5	13	0	28	12
700	0	—	2	12	1	10	0	—	0	—	1	4	6	15	6	12	4	20	5	15	2	9	1	6	0	28	13
600	1	22	0	—	0	—	1	26	2	16	1	25	1	14	8	20	6	21	4	22	2	9	2	7	0	28	19
500	0	—	0	—	2	18	0	—	1	26	0	—	1	20	7	18	8	23	3	19	4	12	2	22	0	28	19
400	1	22	1	13	0	—	1	26	1	5	2	14	3	11	5	16	5	15	8	17	0	—	1	21	0	28	13
300	0	—	1	17	1	14	0	—	1	8	1	8	1	13	7	14	7	19	6	14	0	—	3	14	0	28	15
200	2	10	0	—	1	15	1	11	2	22	1	11	2	18	8	24	5	16	1	29	1	13	2	16	0	26	19
150	1	10	0	—	0	—	2	16	3	18	4	15	6	22	7	22	1	9	0	—	1	9	0	—	0	25	18
100	0	—	0	—	0	—	2	18	10	20	5	21	3	24	2	21	0	—	0	—	0	—	0	—	0	22	21
60	0	—	0	—	0	—	0	—	9	27	1	21	0	—	0	—	1	14	0	—	0	—	0	—	0	11	25
40	0	—	0	—	0	—	3	34	4	23	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	7	28
30	0	—	0	—	0	—	2	33	1	42	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	3	36
20	0	—	0	—	0	—	1	46	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	1	46
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.

ABLE 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. — AUGUST 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	23	9	0	—	0	—	0	—	0	—	0	—	1	15	0	—	0	—	0	—	1	5	2	8	2	29	9
1000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
850	6	14	2	18	2	8	1	5	2	12	0	—	0	—	1	11	0	—	5	6	2	8	8	7	0	29	10
700	1	15	1	3	1	9	2	11	0	—	4	9	1	5	4	11	3	13	8	11	3	9	0	—	1	29	10
600	1	12	1	18	0	—	3	14	3	8	3	27	0	—	2	9	5	14	8	11	2	10	0	—	1	29	13
500	1	12	1	7	3	10	5	13	7	10	2	16	1	13	3	15	0	—	3	8	1	18	2	9	0	29	11
400	0	—	2	10	4	14	4	14	7	12	1	10	1	12	7	12	0	—	0	—	1	16	1	3	0	28	12
300	1	7	2	6	2	18	6	10	4	12	7	16	0	—	1	12	1	22	1	13	2	22	0	—	1	28	13
200	1	31	1	18	0	—	5	22	9	22	5	22	1	12	1	22	1	10	0	—	0	—	0	—	0	24	21
150	0	—	0	—	0	—	2	38	9	28	5	25	0	—	0	—	0	—	1	9	0	—	0	—	0	17	27
100	0	—	0	—	0	—	5	33	2	34	1	30	0	—	0	—	0	—	0	—	0	—	0	—	0	8	33
60	0	—	0	—	0	—	1	31	1	60	1	10	0	—	0	—	0	—	0	—	0	—	0	—	0	3	34
40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

N = The number of cases the wind has been observed form 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. — AUGUST 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	19	9	1	5	0	—	0	—	0	—	0	—	0	—	2	5	1	10	1	5	3	11	0	—	2	29	3
1000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
850	3	6	2	9	2	12	2	4	0	—	1	3	0	—	0	—	2	6	2	8	6	12	9	17	0	29	11
700	1	10	0	—	1	4	3	7	1	8	3	9	0	—	1	16	2	8	8	14	4	12	5	10	0	29	11
600	0	—	4	5	1	25	4	3	2	13	0	—	3	10	4	16	5	20	3	9	2	5	1	9	0	29	11
500	0	—	1	7	2	12	1	6	1	2	2	8	5	7	4	10	6	17	5	8	1	7	1	4	0	29	10
400	1	6	2	10	6	13	4	17	9	11	1	3	0	—	3	12	1	14	0	—	1	5	0	—	1	29	11
300	0	—	2	10	5	12	8	20	6	11	3	21	2	15	1	43	0	—	0	—	0	—	0	—	1	28	16
200	0	—	0	—	2	45	3	21	10	20	4	28	1	33	0	—	0	—	0	—	0	—	0	—	0	20	24
150	0	—	0	—	0	—	4	32	5	20	3	35	0	—	2	22	0	—	0	—	0	—	0	—	1	15	22
100	0	—	0	—	1	18	2	46	4	37	1	64	0	—	0	—	0	—	0	—	0	—	0	—	0	8	40
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 STATIONS

GIZA—AUGUST 1962

This month was slightly warmer than normal. Deviations from normal values of the mean air temperature at 2 metres above ground and the mean relative humidity were +0.7°C and -1%. The heat waves that occurred during the month were slight in intensity and of short durations.

The extreme maximum soil temperatures at 0.3, 10, 20, 50, 100 & 300 cms. depths were higher than the corresponding values for August 1961. The deviations varied between + 0.6°C at 0.3 cm. depth & + 0.1°C at 300 cms. depth. At 1 & 2 cms. depths, the values were smaller than last August by 0.3°C & 0.4°C respectively. At other depths the values were equal. The extreme minimum soil temperatures at depths between 0.3 & 20 cms. inclusive were smaller than last August; the deviations were between -1.2°C at 0.3 cms. depth & -0.1°C at 10 & 20 cms. depths. At other depths the deviations were irregular within ± 0.2°C.

The daily mean wind speed at 2 metres above ground this month was slightly smaller than the corresponding value of last August(-0.2 m/sec). The mean daily values of Piche evaporation, water pan evaporation, potential evaporation and potential evapotranspiration deviated by + 2.6, + 0.56, -1.1 & -1.0mms. respectively from their corresponding values of August 1961. The total duration of bright sunshine was 5.3 hours higher than its corresponding value of last August.

TAHRIR—AUGUST 1962

This month suffered no extraordinary or marked weather situations. Comparing it with August 1961, we find that the deviations were : + 0.6°C, -1%, + 0.7 mm, 0.4 m/sec., + 2.3 mm., -553 langleys and -2.4 hours for : mean air temperature, mean relative humidity, mean vapour pressure, mean wind speed at 2 metres above ground, mean Piche evaporation, total global radiation, and total actual sunshine duration respectively.

As for extreme soil temperatures, the maxima for this month were slightly higher (between 1.4°C at 5 cms. and 0.2°C at 1 metre). The minima were slightly lower (between 1.8°C at 0.3 cm. and 0.0°C at 1 metre).

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

GIZA — AUGUST 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	34.5	22.6	28.4	26.2	30.2	24.0	24.0	24.0	24.0	24.0	24.0	16.5	9.0	0.0	0.0	0.0
2	36.0	22.7	28.0	25.9	30.1	24.0	24.0	24.0	24.0	24.0	24.0	14.0	8.5	0.5	0.0	0.0
3	34.4	23.0	27.7	25.1	29.2	24.0	24.0	24.0	24.0	24.0	24.0	14.5	8.5	0.0	0.0	0.0
4	35.8	22.7	28.1	25.6	30.3	24.0	24.0	24.0	24.0	24.0	24.0	15.0	8.0	0.0	0.0	0.0
5	34.8	22.6	27.6	25.4	29.6	24.0	24.0	24.0	24.0	24.0	24.0	16.0	9.0	0.0	0.0	0.0
6	34.5	20.8	27.7	24.8	29.6	24.0	24.0	24.0	24.0	24.0	24.0	16.0	9.9	0.0	0.0	0.0
7	36.5	20.4	29.1	25.4	41.7	24.0	24.0	24.0	24.0	24.0	24.0	16.5	11.5	3.5	0.0	0.0
8	37.7	24.8	30.9	28.0	33.0	24.0	24.0	24.0	24.0	24.0	24.0	23.0	12.0	9.0	0.0	0.0
9	37.2	23.7	30.3	27.2	32.6	24.0	24.0	24.0	24.0	24.0	24.0	20.0	12.5	5.5	0.0	0.0
10	37.8	22.0	30.1	26.5	33.1	24.0	24.0	24.0	24.0	24.0	24.0	17.0	11.5	7.5	0.0	0.0
11	35.5	22.0	28.8	26.2	31.2	24.0	24.0	24.0	24.0	24.0	24.0	17.5	10.0	0.0	0.0	0.0
12	35.4	22.6	28.2	25.9	30.3	24.0	24.0	24.0	24.0	24.0	24.0	16.0	9.0	0.0	0.0	0.0
13	34.7	22.4	27.6	25.2	29.8	24.0	24.0	24.0	24.0	24.0	24.0	15.0	7.0	0.0	0.0	0.0
14	34.0	21.0	27.6	24.4	29.3	24.0	24.0	24.0	24.0	24.0	24.0	16.0	8.5	0.0	0.0	0.0
15	34.4	22.1	27.8	25.8	29.2	24.0	24.0	24.0	24.0	24.0	24.0	16.0	7.5	0.0	0.0	0.0
16	36.4	22.4	29.2	26.9	31.1	24.0	24.0	24.0	24.0	24.0	24.0	19.0	11.0	2.0	0.0	0.0
17	35.5	21.8	29.0	26.7	30.9	24.0	24.0	24.0	24.0	24.0	24.0	16.5	10.0	0.0	0.0	0.0
18	33.9	22.3	28.0	26.5	29.5	24.0	24.0	24.0	24.0	24.0	24.0	17.0	8.5	0.0	0.0	0.0
19	36.0	21.5	28.4	25.5	30.7	24.0	24.0	24.0	24.0	24.0	24.0	16.0	9.0	0.0	0.0	0.0
20	35.7	22.2	28.5	25.9	30.7	24.0	24.0	24.0	24.0	24.0	24.0	17.0	9.0	0.5	0.0	0.0
21	35.6	21.0	28.8	25.8	30.8	24.0	24.0	24.0	24.0	24.0	24.0	18.0	10.0	0.0	0.0	0.0
22	35.2	21.5	27.7	26.3	29.9	24.0	24.0	24.0	24.0	24.0	24.0	15.0	8.0	0.0	0.0	0.0
23	33.7	18.2	26.3	23.5	29.0	24.0	24.0	24.0	24.0	24.0	19.0	12.5	6.5	0.0	0.0	0.0
24	32.2	18.6	25.8	23.6	27.9	24.0	24.0	24.0	24.0	24.0	20.5	12.0	3.5	0.0	0.0	0.0
25	32.4	20.2	26.0	23.2	27.9	24.0	24.0	24.0	24.0	24.0	20.5	13.0	4.5	0.0	0.0	0.0
26	33.3	20.3	26.8	24.1	28.8	24.0	24.0	24.0	24.0	24.0	23.[illegible]	14.5	6.5	0.0	0.0	0.0
27	34.8	22.8	27.4	25.3	29.6	24.0	24.0	24.0	24.0	24.0	24.0	12.5	7.0	0.0	0.0	0.0
28	33.4	20.0	26.8	24.1	29.1	24.0	24.0	24.0	24.0	24.0	24.0	13.0	7.0	0.0	0.0	0.0
29	32.5	17.8	26.1	23.8	27.8	24.0	24.0	24.0	24.0	24.0	[illegible]	13.0	5.0	0.0	0.0	0.0
30	33.7	21.6	27.1	24.7	29.0	24.0	24.0	24.0	24.0	24.0	24.0	14.5	6.5	0.0	0.0	0.0
31	34.0	20.2	26.6	24.7	28.4	24.0	24.0	24.0	24.0	24.0	22.5	13.5	9.5	0.0	0.0	0.0
Total	—	—	—	—	—	744.0	744.0	744.0	744.0	744.0	736.0	486.0	260.0	25.5	0.0	0.0
Mean	34.7	21.5	28.0	25.4	30.0	24.0	24.0	24.0	24.0	24.0	23.4	15.7	8.4	0.8	0.0	0.0

Highest Maximum at 2 Metres 37.8°C on 10th — Highest Minimum at 2 Metres 24.8°C on 8th

Lowest Maximum at 2 Metres 32.2°C on 24th — Lowest Minimum at 2 Metres 17.8°C on 29nd

Absolute Minimum Temperature at 5 cms. Above Dry Soil 14.8 °C on 29th

" " " " " Wet Soil 15.3 °C on 29th

" " " " " Grass 13.0 °C on 29th

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

TAHRIR — AUGUST 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	34.6	20.7	27.7	24.6	30.0	24.0	24.0	24.0	24.0	24.0	24.0	15.5	8.0	0.0	0.0	0.0
2	36.0	22.4	27.7	24.2	30.3	24.0	24.0	24.0	24.0	24.0	24.0	14.0	8.0	1.0	0.0	0.0
3	35.2	20.5	27.1	24.0	29.4	24.0	24.0	24.0	24.0	24.0	24.0	14.5	7.5	0.0	0.0	0.0
4	36.4	21.6	28.1	24.6	30.8	24.0	24.0	24.0	24.0	24.0	24.0	14.5	9.0	3.0	0.0	0.0
5	36.0	20.3	27.1	23.7	28.8	24.0	24.0	24.0	24.0	24.0	24.0	13.0	8.0	0.5	0.0	0.0
6	35.9	20.5	27.2	23.9	29.9	24.0	24.0	24.0	24.0	24.0	24.0	14.0	8.5	0.0	0.0	0.0
7	36.5	20.2	28.2	24.5	31.1	24.0	24.0	24.0	24.0	24.0	24.0	16.5	10.0	2.0	0.0	0.0
8	37.6	22.9	29.2	25.3	32.3	24.0	24.0	24.0	24.0	24.0	24.0	15.5	11.0	6.0	0.0	0.0
9	38.5	23.2	29.8	25.8	31.8	24.0	24.0	24.0	24.0	24.0	24.0	16.5	11.0	6.5	0.0	0.0
10	37.8	22.3	29.4	25.2	32.5	24.0	24.0	24.0	24.0	24.0	24.0	13.5	10.5	5.5	0.0	0.0
11	35.8	21.8	28.4	24.7	31.2	24.0	24.0	24.0	24.0	24.0	24.0	16.0	9.5	1.5	0.0	0.0
12	36.3	21.7	28.3	24.9	30.9	24.0	24.0	24.0	24.0	24.0	24.0	15.5	9.0	2.5	0.0	0.0
13	34.9	22.6	27.6	24.5	29.9	24.0	24.0	24.0	24.0	24.0	24.0	15.0	7.5	0.0	0.0	0.0
14	35.1	21.4	27.6	24.4	30.3	24.0	24.0	24.0	24.0	24.0	24.0	15.0	8.5	0.0	0.0	0.0
15	37.1	22.3	27.8	24.5	30.5	24.0	24.0	24.0	24.0	24.0	24.0	15.0	9.0	1.0	0.0	0.0
16	37.3	21.4	27.9	24.4	30.8	24.0	24.0	24.0	24.0	24.0	24.0	15.0	8.5	2.5	0.0	0.0
17	36.7	21.2	27.6	23.9	30.6	24.0	24.0	24.0	24.0	24.0	24.0	14.5	9.0	1.0	0.0	0.0
18	35.8	21.6	27.4	24.5	29.8	24.0	24.0	24.0	24.0	24.0	24.0	15.5	7.0	0.0	0.0	0.0
19	36.6	22.5	28.4	25.2	30.9	24.0	24.0	24.0	24.0	24.0	24.0	17.0	8.5	2.0	0.0	0.0
20	36.1	21.8	28.6	25.4	31.3	24.0	24.0	24.0	24.0	24.0	24.0	16.5	9.0	3.5	0.0	0.0
21	36.1	22.5	28.5	24.9	31.5	24.0	24.0	24.0	24.0	24.0	24.0	15.0	9.0	2.5	0.0	0.0
22	34.7	21.8	27.4	24.3	30.0	24.0	24.0	24.0	24.0	24.0	24.0	14.5	8.0	0.0	0.0	0.0
23	33.8	20.6	26.7	23.6	29.4	24.0	24.0	24.0	24.0	24.0	24.0	13.0	7.0	0.0	0.0	0.0
24	32.3	20.5	25.5	22.7	27.9	24.0	24.0	24.0	24.0	24.0	24.0	12.5	5.0	0.0	0.0	0.0
25	32.6	19.9	25.9	23.0	28.3	24.0	24.0	24.0	24.0	24.0	24.0	14.0	5.5	0.0	0.0	0.0
26	33.4	20.5	26.5	23.5	29.0	24.0	24.0	24.0	24.0	24.0	24.0	13.5	6.5	0.0	0.0	0.0
27	34.7	20.2	26.4	23.0	29.3	24.0	24.0	24.0	24.0	24.0	24.0	12.5	7.5	0.0	0.0	0.0
28	33.8	19.3	26.1	22.3	29.3	24.0	24.0	24.0	24.0	24.0	21.5	12.5	7.5	0.0	0.0	0.0
29	32.9	17.9	25.1	21.7	28.0	24.0	24.0	24.0	24.0	24.0	17.5	12.5	6.0	0.0	0.0	0.0
30	34.0	20.3	26.3	23.3	28.9	24.0	24.0	24.0	24.0	24.0	24.0	13.0	6.5	0.0	0.0	0.0
31	35.4	19.4	26.4	23.2	29.1	24.0	24.0	24.0	24.0	24.0	22.5	13.0	7.0	0.0	0.0	0.0
Total	—	—	—	—	—	744.0	744.0	744.0	144.0	744.0	733.5	470.5	25	41.0	0.0	0.
Mean	35.5	21.2	27.5	24.1	30.2	24.0	24.0	24.0	24.0	24.0	23.7	14.5	8.2	1.3	0.0	0.

Highest Maximum at 2 Metres 38.5°C on 9th — **Highest Minimum** at 2 Metres 23.2°C on 9th

Lowest Maximum at 2 Metres 32.3°C on 24th — **Lowest Minimum** at 2 Metres 17.9°C on 29th

Absolute Minimum Temperature at 5 cms. Above Dry Soil 15.9 °C 29th

" " " " " **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 — AUGUST 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		mount of rainfall ni millimeters
	Mean of the day	Nigh time mean	Day time mean		Total actual	Total possible	Percentage %	90% ∧	80% ∧	Mean ofthe day	at 1200 U.T.	Mean of the day	at 1200 U.T.	Piche	Pan class (A)	
1	2.4	2.0	3.0	596	12.0	13.6	88	0	8	69	46	19.0	17.9	14.6	11.00	0.0
2	2.2	2.0	2.5	598	10.9	12.6	80	4	9	73	38	17.9	15.5	13.6	10.46	0.0
3	2.5	2.3	2.9	556	9.9	13.5	73	0	9	68	48	18.2	17.7	13.4	9.96	0.0
4	2.3	2.0	3.8	599	10.9	13.5	81	5	9	62	42	17.1	17.2	15.8	11.76	0.0
5	2.3	1.9	3.9	598	11.6	13.5	86	0	8	64	37	15.9	14.3	15.4	10.89	0.0
6	2.2	1.9	2.6	597	12.2	13.5	90	2	8	62	32	14.9	12.0	17.3	11.28	0.0
7	2.2	1.3	3.4	586	12.3	13.4	92	0	6	60	26	15.6	11.2	22.8	13.5	0.0
8	3.1	2.5	3.9	590	12.2	13.4	91	0	0	54	37	16.6	16.8	22.4	13.35	0.0
9	2.9	2.3	3.8	496	7.1	13.4	53	0	8	61	38	17.9	16.1	20.5	12.34	0.0
10	2.9	1.6	4.6	567	10.1	13.4	75	0	6	58	29	16.5	13.9	23.7	15.15	0.0
11	3.3	2.5	4.4	590	12.2	13.4	91	0	7	66	45	18.6	18.6	18.5	11.78	0.0
12	2.5	2.1	3.1	607	12.1	13.3	91	0	7	64	39	16.7	15.2	15.8	11.36	0.0
13	2.1	1.1	3.6	585	11.2	13.3	84	3	10	72	47	19.0	18.9	12.6	9.50	0.0
14	1.5	0.8	2.5	582	10.8	13.3	81	2	8	67	44	17.8	16.3	12.7	8.80	0.0
15	1.6	1.4	1.9	554	10.0	13.2	76	4	8	70	47	18.4	17.8	11.9	8.68	0.0
16	1.8	1.5	2.1	559	11.6	13.2	88	4	8	66	31	17.3	13.0	14.8	10.43	0.0
17	1.9	1.5	2.5	574	11.4	13.2	86	4	7	69	42	18.9	17.5	15.5	10.88	0.0
18	2.1	2.0	2.3	595	11.9	13.2	90	0	6	68	48	18.1	17.6	12.0	9.16	0.0
19	1.6	1.0	2.4	556	11.3	13.2	86	4	8	66	44	17.9	18.0	13.9	9.71	0.0
20	2.2	1.2	3.5	578	11.8	13.1	90	0	6	68	43	18.4	17.7	15.3	10.96	0.0
21	1.7	0.8	3.0	560	11.2	13.1	85	0	6	62	38	17.0	15.7	16.4	10.92	0.0
22	1.6	1.0	2.6	575	11.0	13.1	84	1	6	60	34	14.7	13.6	16.3	10.85	0.0
23	1.9	0.9	3.3	591	11.2	13.0	86	0	5	65	37	15.4	13.6	15.8	10.72	0.0
24	1.8	1.1	2.8	585	11.1	13.0	85	0	6	66	43	15.6	14.1	13.5	9.37	0.0
25	2.2	1.7	2.9	572	11.4	13.0	88	0	9	68	46	16.8	15.8	13.0	9.96	0.0
26	2.0	1.5	2.6	559	11.1	13.0	85	2	9	70	48	18.0	17.3	12.6	9.81	0.0
27	2.5	2.2	2.9	560	10.8	12.9	84	0	8	60	38	16.7	14.8	14.5	10.55	0.0
28	2.9	2.1	3.9	569	11.8	12.9	91	0	7	56	32	13.1	11·8	19.9	12.69	0.0
29	2.4	1.7	3.3	577	11.8	12.9	91	0	4	63	32	14.4	11.3	16.0	10.06	0.0
30	2.5	2.4	2.8	571	10.8	12.8	84	7	7	64	45	16.8	16.7	12.2	9.49	0.0
31	2.0	1.6	2.7	551	9.7	12.8	76	—	8	27	44	17.0	16.1	13.3	9.10	0.0
Total	—	—	—	17840	3453	409.7	2611	42	221	—	—	—	—	485.8	333.02	0.0
Mean	2.2	1.7	3.0	576	11.1	13.2	84	1.4	7.1	65	40	17.0	15.6	15.7	10.74	0.0

Maximum Amount of Rainfall in one day . . . . . 0.0 mms. on —

Lowest Value of Relative Humidity . . . . . 22 % on 7th

Highest Value of Vapour Pressure . . . . . 22.4 mms. on 9th

Lowest Value of Vapour pressure . . . . . 9.4 mms. on 7th

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 — AUGUST 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	3.4	2.9	4.0	583	12.3	13.6	90	2	8	69	44	18.4	17.5	13.9	11.89	0.0
2	3.6	3.0	4.5	591	12.1	13.6	89	3	9	77	41	19.1	17.5	13.5	11.25	0.0
3	3.7	3.3	4.2	572	10.5	13.6	87	4	8	76	44	18.8	17.5	13.2	10.81	0.0
4	3.6	3.3	4.0	602	12.0	13.6	88	4	7	74	38	18.7	16.5	14.9	12.20	0.0
5	3.4	2.8	4.1	577	10.5	13.5	78	6	9	76	31	16.8	13.4	17.0	12.56	0.0
6	3.1	2.7	3.5	599	12.3	13.5	91	4	7	66	29	15.4	11.9	15.4	11.85	0.0
7	2.7	1.9	3.7	560	12.0	13.5	89	0	6	66	35	17.3	14.7	16.4	12.47	0.0
8	3.8	2.8	5.2	574	12.0	13.5	89	2	5	61	30	16.6	14.1	18.2	13.73	0.0
9	3.9	3.0	5.4	513	9.6	13.4	73	5	7	68	34	16.7	12.0	22.7	16.28	0.0
10	3.8	2.2	6.1	560	11.7	13.4	87	2	4	66	34	18.5	16.4	21.8	16.72	0.0
11	3.8	2.4	5.8	598	12.0	13.4	90	0	4	68	35	17.6	15.0	19.4	14.67	0.0
12	3.6	2.5	5.0	604	11.8	13.4	88	2	5	70	29	17.0	13.0	18.1	13.17	0.0
13	4.5	2.6	6.1	572	11.1	13.4	83	1	7	72	43	18.3	17.3	17.0	11.85	0.0
14	3.7	3.3	4.4	583	12.0	13.3	90	1	6	73	43	19.3	17.2	14.2	11.99	0.0
15	2.8	2.6	3.2	536	11.0	13.3	83	2	8	74	34	18.1	15.0	12.1	10.08	0.0
16	2.5	2.0	3.1	457	11.9	13.3	89	2	7	72	28	15.9	12.3	13.5	11.76	0.0
17	2.9	2.2	3.8	557	11.9	13.2	90	2	7	70	37	17.7	15.4	14.1	11.56	0.0
18	2.9	2.1	4.1	588	12.0	13.2	91	2	6	73	37	17.8	15.1	15.3	12.56	0.0
19	3.6	2.8	4.6	564	11.9	13.2	90	0	8	71	39	18.7	16.9	15.9	12.66	0.0
20	3.9	2.5	6.0	562	12.1	13.2	92	0	5	68	41	18.2	17.8	19.4	16.64	0.0
21	4.0	3.1	5.2	570	12.1	13.1	92	0	6	71	33	17.4	14.1	19.8	14.51	0.0
22	3.5	2.3	5.1	586	12.1	13.1	92	2	6	65	35	16.1	14.2	19.8	16.07	0.0
23	3.7	2.5	5.7	591	12.3	13.1	94	0	2	64	35	15.4	13.5	18.8	13.88	0.0
24	3.2	2.2	4.6	580	12.1	13.0	93	0	1	69	46	16.2	15.6	13.7	11.44	0.0
25	3.3	2.7	4.1	550	11.9	13.0	92	0	6	70	44	16.8	15.9	12.4	9.30	0.0
26	3.4	3.0	4.0	536	12.1	13.0	93	3	8	74	46	18.3	17.2	11.9	8.98	0.0
27	3.7	2.9	4.7	576	11.4	13.0	88	5	8	78	37	17.4	14.6	15.6	12.48	0.0
28	3.5	2.7	4.7	588	12.1	12.9	94	1	6	60	28	13.2	10.6	19.7	15.25	0.0
29	2.9	1.8	4.4	577	12.2	12.9	95	1	5	66	48	16.5	17.4	12.5	10.28	0.0
30	2.9	2.3	3.7	543	11.1	12.9	86	2	10	76	45	18.3	17.3	11.4	9.40	0.0
31	2.9	2.2	3.8	556	11.2	12.8	88	6	10	78	40	18.0	16.0	13.7	11.12	0.0
Total	—	—	—	17705	363.3	410.9		64	201	—	—	—	—	495.3	389.44	0.0
Mean	3.4	2.6	4.5	571.1	11.7	13.3	83	2.1	6.5	70	37	17.4	15.3	16.0	12.56	—

Maximum Amount of Rainfall In One Day . . . . . 0.0 mms. on —
Lowest Value of Relative Humidity . . . . . 24 % on 9th
Highest Value of Vapour Pressure . . . . . 22.8 mms. on 9th
Lowest Value of Vapour Pressure . . . . . 9.7 mms. on 28th

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

GIZA — AUGUST 1962

Depth in cms.	Dry Soil		Wet Soil		Grass	
	Highest °C	Lowest °C	Highest °C	Lowest °C	Highest °C	Lowest °C
0.3	64.0	19.0	36.0	19.0	36.4	21.4
1	58.0	21.0	35.7	18.7	34.2	20.9
2	55.0	22.0	34.2	19.2	33.7	21.3
5	45.1	26.0	33.0	20.7	31.5	23.0
10	39.4	29.9	32.3	22.8	30.1	24.0
20	35.2	32.2	32.0	25.1	28.8	25.4
50	33.9	32.9	27.8	26.3	27.6	26.8
100	31.9	31.3	26.1	25.6	26.1	25.6
200	29.0	27.9	23.9	22.9	24.6	23.6
300	26.6	25.7	—	—	—	—

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

TAHRIR — AUGUST 1962

Depth in cms.	Dry Soil		Wet Soil		Grass	
	Highest °C	Lowest °C	Highest °C	Lowest °C	Highest °C	Lowest °C
0.3	58.0	18.0	—	—	—	—
1	55.3	19.0	—	—	—	—
2	53.4	19.7	—	—	—	—
5	48.7	21.8	—	—	—	—
10	43.0	25.1	—	—	—	—
20	36.7	29.3	—	—	—	—
50	33.1	30.9	—	—	—	—
100	31.4	30.7	—	—	—	—
200	29.2	28.4	—	—	—	—
300	28.0	27.0	—	—	—	—
600	25.2	24.6	—	—	—	—

TABLE C 4—NUMBER OF DAYS OF SURFACE WIND SPEED SPEED REACHING OR EXCEEDING SPECIFIED LIMITS OF VELOCITY

GIZA — AUGUST 1962

10	knots	or	more	31	Days	30	knots	or	above	0	Days
15	,,	,,	,,	7	,,	35	,,	,,	,,	0	,,
20	,,	,,	,,	0	,,	40	,,	,,	,,	0	,,
25	,,	,,	,,	0	,,	The highest gust 27 knots on 9 th.					

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First issued in January 1969 on a bi-annual basis. It includes research works carried out by members of staff of "The Meteorological Institute 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 Egypt.

THE ARAB REPUBLIC OF EGYPT

MONTHLY WEATHER REPORT

VOLUME 5 NUMBER 9

SEPTEMBER, 1962

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THE EGYPTIAN METEOROLOGICAL AUTHORITY
CAIRO

NOTICE

As from 25th November 1971 the name of the (Meteorological Department) has been changed to be the (Meteorological Authority).

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GENERAL SUMMARY OF WEATHER CONDITIONS

SEPTEMBER 1962

Mild summer weather, characterized with light rain on the 23rd and 24th and occasional thunderstorms on the 24th over the northern coastal district. Hot summer intervened by mild intervals over the Delta, Canal, Cairo and Middle Egypt areas. Excessively hot summer in general over Upper Egypt.

THE MAIN FEATURES

— An excessive heat wave prevailed during the 4th week.

— Heavy rainfall and thunder over scattered localities in the northern coast.

— Oscillatory pressure field with six oscillations of upper troughs of low pressure towards East Mediterranean.

— Frequent early morning mist or fog over Lower Egypt and Cairo districts.

GENERAL DESCRIPTION OF WEATHER

The weather was generally mild over the northern coast, hot over the Delta and middle parts and extremely hot in the far south.

An excessive heat wave prevailed in the 4th week and attained its peak on the 26th when maximum temperature was 35°C in Alexandria, 40°C in Minya and 43°C in Kom Ombo.

Early morning low clouds and fog predominated during this month over most of lower Egypt and Cairo districts.

Rain fell in the period (22nd-25th) mainly over the Mediterranean district, though it extended inland up to Bahariya on the 24th & 25th. Rainfall was abnormally heavy over some localities from the western part of the Mediterranean on the 23rd and was associated with thunder along the northern coast on the 24th.

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)						Reliative humidty (%)		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 . .	1011.8	— 1.0	30.1	+ 0.8	21.4	+ 0.5	25.8	+ 0.9	71	+ 1	4.1	+ 3.6
Lower Egypt . .	1011.3	— 1.1	33.0	+ 0.6	18.8	+ 0.3	25.9	+ 0.4	65	— 8	0.7	+ 0.5
Cairo Area. . . .	1010.9	— 1.2	33.6	+ 1.2	20.6	+ 1.1	27.1	+ 1.1	55	— 6	Tr.	0·0
Upper Egypt. . .	1009.2	— 1.0	36.4	+ 0.7	20.7	+ 0.4	28.5	+ 0.9	42	— 6	0.0	0.0
Western Desert . .	1010.7	— 1.4	35.6	+ 0.5	19.5	— 0.5	27.5	0.0	35	— 7	0.8	0.0
Red Sea	1007.1	— 1.4	32.5	+ 0.5	24.3	+ 0.5	28.4	+ 0.5	55	— 3	0.3	+ 0.3

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 pressure distribution over the surface map this month can be summarized generally in :

— Subtropical high pressure belt over West Europe and West Mediterranean, and its eastward extension through Central Europe or its S/E elongation along North Africa.

— A ridge of high pressure over Caspian & Black Seas and its westward elongation.

— The complex monsoon low pressure systems over Iraq and Arabia, and over Great Sahara of Africa.

In the upper levels up to about 300 mbs two upper lows one over north Atlantic and the other over north Russia; both of which showed marked southward elongations towards the West Mediterranean and Black Sea vicinities respectively.

The upper trough over the Black Sea showed six oscillations towards East Mediterranean round the 4th, 8th, 13th, 17th, 23rd and 27th in a rather regular manner and were rather shallow in general with the exception of those on the 23rd and 27th which were rather deep and associated with surface depressions.

The surface pressure pattern was affected occasionally by northward slight oscillation of the Sudan trough of low pressure round the 4th, 13th, 23rd and 27th and the westward slight extension of the monsoon low over Iraq round the 17th.

During this month, the barometric pressure over Egypt in particular was rather oscillatory (2-5 mbs. round normal).

SURFACE WIND

The prevailing winds were mostly N/NWly, light to moderate in general but fresh to strong for about 5 days in the western part of the Mediterranean coast and for about 20 days in the Red Sea district. Calms were frequent during the night and early morning hours over scattered parts from Upper Egypt and Western Desert districts.

Gale winds were reported over : Tahrir on the 24th.

TEMPERATURE

During the first two decades, maximum temperature oscillated above its normal to a moderate extent (2-4°C). Moreover, during the last decade, it markedly oscillated above normal (6-8°C).

The absolute maximum temperature for the Republic was 45.0°C reported at Kom Ombo on the 1st and Aswan on the 30th.

Minimum temperature also oscillated above its normal most of the month over the whole Republic except in the Western Desert district and the extreme south of the Upper Egypt district, where it oscillated below its normal most of the month.

The absolute minimum temperature for the Republic was 15.4°C reported at Mansoura on the 21th.

PRECIPITATION

During this month, light rain fell in the period (22nd-25th) and was confined to scattered localities in the Mediterranean and Lower Egypt districts.

As an exception the monthly rainfall was abnormally high and the daily rainfall was heavy over the West Mediteranean coastal strip between Dabaa and Ras El Hikma on the 23rd.

The absolute daily rainfall was 26.2 reported at Dabaa on the 23rd which was also the maximum monthly rainfall.

MISCELLANEOUS WEATHER PHENOMENA

Rain fell at : Sidi Barrani and Mersa Matruh on the 23rd ; Ras El Hikma on the 24th ; Dabaa on the 23rd ; Dekheila on the 24th ; Ras El Teen on the 23rd & 24th ; Alexandria on the 24th ; Balteam, Tanta and Tahrir on the 24th & 25th ; Kabrit on the 24th ; Mostafa Helmi on the 25th ; Siwa on the 23rd & 24th and at Bahariya on the 25th, Damanhour, Shebin El Kom & Suez on the 24th.

Thunderstorms occurred at : Sidi Barrani, Mersa Matruh, Ras El Hikma Dekheila, Ras El Teen, Balteam, kabrit and Siwa on the 24th and Bahariya on the 25th.

Mist patches developed at : Ras El Teen on the 24th ; Port Said on the 4th & 23rd ; El Arish on the 27th ; Tahrir on the 1st, 5th, 16th, 18th, 21st, 24th, 29th & 30th ; Abu Sueir on the (1st—11th), 15th, 16th, 18th, 19th, (22nd—24th) & 27th ; Banha on the 1st ; Zaher on the 2nd, 4th, 5th, 15th, 17th & 27th ; Inshas on the 2nd, 5th, (6th—9th), 11th, 12th, 13th, 15th, 18th, 19th, 21st, 24th & 29th ; Cairo on the (1st—3rd), 7th, (9th-17th), 20th, 21st, 24th & 28th ; Mostafa Helmi on the (1st—12th), (14th—24th), 27th & 30th ; Almaza on the 1st, 2nd, (4th—7th), (9th—11th), 15th, 16th, 20th, 24th & 25th ; Abbasiya on the 1st, 5th, 8th, 9th, 11th, 17th & 24th ; Imbaba on the 2nd, 5th, 8th, 9th, 15th, 16th, 18th & 27th and at Giza on the 1st, 4th, 9th, 15th & 19th.

Fog patches developed at : Alexandria on the 9th & 23rd ; Mansoura on the 22nd ; Tahrir on the 4th, 9th, 19th & 23rd ; Banha on the 22nd, 23rd & 27th ; Inshas on the 4th & 27th ; Cairo on the 4th, 17th & 26th; Almaza on the 18th and at Abbasiya on the 4th & 18th.

Local rising sand or dust was reported at : Damietta & Port Said on the 24th ; Tahrir on the 19th & 24th ; Abu Sueir on the 24th ; Banha and Zaher on the 24th & 25th ; Wadi El Natrun on the 24th ; Inshas on the 25th ; Cairo and Mostafa Helmi in the 24th & 25th; Almaza on the 4th & 25th ; Imbaba on the 25th & 30th ; Bahariya on the 24th ; Farafra on the 24th & 25th ; Dakhla on the 3rd & 20th ; Kharga on the 1st ; Tor on the 2nd & 27th ; Hurghada on the 2nd & 10th and at Quseir on the (2nd—6th), (11th—13th), 17th, 18th & 20th.

Sand or dust storms blew over ; Balteam, Port Said and Tahrir on the 24th.

Chairman (M. F. TAHA)

Board of Directors

Cairo, December 1971

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

SEPTEMBER 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 norma
Mediterranean	Sallum	6.0	1012.2	— 0.8	1012.4	— 1.0	1012.0	— 1.2	1012.3	— 1.2	5.2	1012.7	— 0.8	1012.9	— 0.1	1012.5	— 1.2	1012.8	— 1.2
	Sidi Barrani	23.3	1009.3	— 1.3	1009.7	— 1.3	1009.3	— 1.6	1009.5	— 1.4	23.3	1011.9	— 1.3	1012.3	— 1.3	1011.9	— 1.6	1012.1	— 1.4
	Mersa Matruh (A)	30.0	1009.0	— 0.8	1009.4	— 0.8	1009.1	— 0.9	1009.4	— 0.9	30.0	1012.6	— 0.8	1013.0	— 0.8	1012.7	— 0.9	1013.0	— 0.9
	Ras El Hikma	45.8	1006.6	—	1007.2	—	1006.9	—	1007.2	—	45.8	1012.0	—	1012.6	—	1012.2	—	1012.6	—
	Dabaa	18.0	1009.3	—	1009.8	—	1009.5	—	1009.9	—	17.8	1011.3	—	1011.9	—	1011.5	—	1011.9	—
	Dekheila (A)	6.0	1011.0	—	1011.7	—	1011.2	—	1011.6	—	5.9	1011.7	—	1012.4	—	1011.9	—	1012.3	—
	Ras El Teen	8.4	1010.7	—	1011.4	—	1010.9	—	1011.2	—	8.4	1011.7	—	1012.4	—	1011.9	—	1012.2	—
	Alexandria (A)	7.0	1010.5	— 1.0	1011.3	— 0.7	1010.7	— 1.0	1011.1	— 0.9	6.8	1011.3	— 1.0	1012.1	— 0.7	1011.5	— 1.0	1011.9	— 0.9
	Balteam	2.2	1011.1	—	1011.5	—	1011.0	—	1011.5	—	2.2	1011.3	—	1011.7	—	1011.1	—	1011.7	—
	Damietta	3.8	1010.7	—	1011.5	—	1010.7	—	1011.2	—	3.8	1011.1	—	1011.9	—	1011.1	—	1011.6	—
	Port Said (A)	6.1	1010.0	— 1.0	1010.8	— 0.9	1009.9	— 1.2	1010.4	— 1.2	6.1	1010.7	— 1.0	1011.5	— 0.9	1010.6	— 1.2	1011.1	— 1.2
	El Arish	17.1	1008.8	— 0.5	1009.6	— 0.5	1008.6	— 0.6	1009.2	— 1.4	17.1	1010.7	— 0.5	1011.5	— 0.5	1010.5	— 0.6	1011.1	— 1.4
	Ghazza	15.7	1008.7	—	1009.5	—	1008.4	—	1008.8	—	15.7	1010.5	—	1011.3	—	1010.2	—	1010.6	—
Lower Egypt	Mansoura	4.0	1010.7	—	1011.3	— 0.9	1009.9	— 1.1	1011.0	— 0.9	3.4	1011.1	—	1011.7	— 0.9	1010.3	— 1.1	1011.4	— 0.9
	Damanhour	6.7	1010.8	—	1011.1	— 1.6	1011.0	— 0.9	1010.7	— 1.6	6.7	1011.5	—	1011.8	— 1.6	1011.7	— 0.9	1011.3	— 1.7
	Gimmeiza	8.9	—	—	1011.2	— 0.7	1010.3	— 0.5	1010.5	— 0.8	8.9	—	—	1012.2	— 0.7	1011.3	— 0.6	1011.5	— 0.8
	Tanta	14.8	1009.3	—	1009.9	— 1.8	1008.4	— 2.2	1009.6	— 1.6	15.4	1010.5	—	1011.1	— 1.8	1009.6	— 2.2	1010.8	— 1.6
	Tahrir	16.0	1009.2	—	1009.8	—	1008.1	—	1009.3	—	18.6	1011.4	—	1012.0	—	1010.2	—	1011.5	—
	Shebin El Kom	13.1	1009.8	—	1010.5	— 0.9	1008.7	— 1.5	1010.0	— 0.8	13.8	1011.3	—	1012.0	— 1.0	1010.2	— 1.6	1011.5	— 0.9
	Zagazig	13.0	1010.0	—	1010.6	— 1.0	1009.2	— 1.1	1010.7	— 0.8	13.0	1011.6	—	1012.2	— 1.0	1010.8	— 1.1	1012.3	— 0.8
	Abu Sueir (A)	16.0	1009.6	—	1010.4	—	1008.4	—	1009.9	—	16.0	1011.5	—	1012.2	—	1010.2	—	1011.8	—
	Zaher (A)	14.9	1009.9	—	1010.1	—	1008.3	—	1009.6	—	14.9	1011.7	—	1011.9	—	1010.0	—	1011.3	—
	Banha	30.0	1007.1	—	1007.6	—	1006.0	—	1007.0	—	30.0	1010.6	—	1011.0	—	1009.5	—	1010.4	—
	Wadi El Natrun	0.9	1012.1	—	1012.7	+ 0.2	1011.0	+ 0.4	1012.3	+ 0.5	0.9	1012.2	—	1012.8	+ 0.3	1011.1	+ 0.4	1012.4	+ 0.5
	Inshas (A)	25.5	1007.0	—	1007.7	—	1005.9	—	1007.1	—	25.6	1010.1	—	1010.7	—	1008.8	—	1010.1	—
	Fayed (A)	22.5	1008.9	—	1009.8	—	1007.8	—	1009.3	—	22.5	1012.2	—	1012.2	—	1010.2	—	1011.7	—
	Kabrit (A)	7.6	1009.6	—	1010.4	—	1008.3	—	1009.3	—	7.6	1010.9	—	1011.7	—	1009.6	—	1010.6	—

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

SEPTEMBER 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	1003.5	— 1.5	1004.3	— 1.2	1002.5	— 1.7	1003.6	— 1.4	74.0	1011.1	— 1.4	1011.8	— 1.3	1009.8	— 1.7	1011.0	— 1.4
	Mostafa Helmi (A)	164.0	992.4	—	993.1	—	990.8	—	992.3	—	164.0	1011.3	—	1011.9	—	1010.1	—	1010.9	—
	Almaza (A)	78.5	1001.8	— 1.3	1002.5	— 1.5	1000.7	— 1.6	1001.8	— 1.2	78.6	1010.8	— 1.4	1011.5	— 1.5	1009.5	— 1.6	1010.8	— 1.2
	Abbaseiya (H.Q.)	26.4	1008.9	—	1009.5	—	1007.7	—	1008.6	—	26.4	1012.0	—	1012.6	—	1010.7	—	1011.7	—
	Imbaba (A)	19.0	1008.7	—	1009.4	—	1007.7	—	1008.4	—	19.0	1010.8	—	1011.5	—	1009.8	—	1010.5	—
	Giza	22.5	1008.5	—	1009.1	— 0.9	1007.4	— 1.2	1008.1	— 1.3	22.5	1011.3	—	1011.8	— 1.0	1010.1	— 1.2	1010.8	— 1.3
	Helwan	140.7	994.6	—	995.4	— 1.1	993.7	— 1.4	994.6	— 1.5	140.7	1011.2	—	1012.0	— 1.0	1009.7	— 1.4	1010.9	— 1.4
Upper Egypt	Fayoum	23.3	1008.2	—	1008.9	— 0.7	1006.8	— 0.8	1007.5	— 0.7	23.3	1011.1	—	1011.8	— 0.7	1009.6	— 0.8	1010.4	— 0.7
	Beni Suef	30.4	1006.8	—	1007.9	— 0.8	1005.9	— 0.9	1006.3	— 1.1	30.0	1010.2	—	1011.3	— 0.8	1009.2	— 0.9	1009.7	— 1.1
	Minya (A)	40.5	1005.0	— 1.5	1006.1	— 1.4	1004.8	— 1.4	1004.5	— 1.7	40.3	1009.7	— 1.5	1010.8	— 1.4	1009.2	— 1.5	1009.2	— 1.7
	Asyout Mangabad (A)	69.6	1001.9	— 0.3	1003.2	— 0.6	1001.2	— 0.7	1001.5	— 0.7	69.5	1009.9	— 0.3	1011.3	— 0.6	1008.9	— 0.6	1009.4	— 0.7
	Kena	74.2	999.5	—	1001.2	— 0.7	999.4	0.2	999.3	— 0.6	74.2	1007.8	—	1009.6	— 0.7	1007.6	— 0.2	1007.7	— 0.6
	Luxor (A)	88.5	997.3	— 1.5	998.8	— 1.5	996.8	— 1.3	997.1	— 1.4	88.4	1007.4	— 1.5	1008.8	— 1.5	1005.6	— 1.3	1007.1	— 1.4
	Kom Ombo	102.6	995.3	—	997.1	—	994.7	—	995.2	—	102.6	1007.1	—	1008.8	—	1005.9	—	1006.7	—
	Aswan (A)	193.5	984.8	—	986.3	— 1.1	984.2	— 1.2	984.5	— 1.4	193.5	1007.7	—	1009.1	— 1.1	1005.9	— 1.2	1006.7	— 1.4
Western Desert	Siwa	—13.5	1014.4	— 0.7	1015.4	— 0.7	1014.0	— 0.5	1013.5	— 0.6	—13.3	1012.7	— 0.7	1013.7	— 0.7	1012.5	— 0.4	1011.9	— 0.6
	Bahariya	129.5	996.4	— 1.3	997.5	— 0.7	995.8	— 0.8	995.9	— 1.1	129.6	1011.5	— 1.3	1012.6	— 0.7	1010.3	— 0.8	1010.6	— 1.1
	Farafra	81.8	1001.6	— 1.1	1002.9	— 1.0	1001.1	— 0.9	1001.0	— 1.0	92.1	1012.5	— 1.1	1013.6	— 1.0	1011.4	— 0.9	1011.6	— 1.0
	Dakhla	111.5	995.8	—	996.7	— 1.9	995.2	— 1.2	995.0	— 2.2	111.5	1008.6	—	1009.5	— 1.9	1007.5	— 1.2	1007.6	— 2.2
	Kharga	72.8	1000.9	—	1002.1	— 1.5	1000.4	— 1.5	1000.6	— 1.7	73.0	1009.1	—	1010.3	— 1.6	1008.2	— 1.6	1008.6	— 1.7
Red Sea	Suez	11.5	1009.8	—	1010.5	— 0.9	1008.9	— 1.3	1009.5	— 0.8	12.2	1011.0	—	1011.7	— 0.9	1010.1	— 1.3	1010.7	— 0.8
	Abu Redes	4.0	1007.2	—	1008.4	—	1006.7	—	1007.3	—	4.0	1007.6	—	1008.8	—	1007.1	—	1007.7	—
	Tor	4.2	1006.1	—	1007.6	— 1.6	1006.1	— 1.9	1006.1	— 1.8	4.2	1006.5	—	1008.0	— 1.6	1006.5	— 1.9	1006.5	— 1.8
	Hurghada	2.8	1007.0	— 0.2	1008.5	— 0.3	1006.3	— 0.8	1007.0	— 0.4	2.8	1007.2	0.2	1008.7	— 0.3	1006.5	— 0.8	1007.2	— 0.4
	Quseir	11.3	1005.5	—	1006.9	— 1.4	1005.7	— 1.9	1005.9	— 1.6	11.3	1006.5	—	1007.9	— 1.4	1006.7	— 1.9	1006.9	— 1.6
	Abul Kizan	5.0	1006.6	—	1007.2	— 1.4	1005.6	—	1006.6	—	5.0	1007.1	—	1007.7	—	2007.0	—	1007.1	—

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

SEPTEMBER 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	22.6	—	23.5	— 1.7	28.2	— 0.1	25.4	+ 0.4	20.7	—	20.7	— 0.1	22.7	+ 0.4	21.7	+ 0.3	83	—	77	+11	60	+ 2	71	+ 1
	Sidi Barrani	22.4	—0.2	24.4	— 0.3	27.6	+ 0.1	24.7	— 0.2	20.1	+ 0.1	21.0	0.0	22.4	— 0.2	21.4	— 0.1	80	+ 3	72	+ 2	62	— 2	73	0
	Mersa Matruh (A)	21.6	+0.2	24.5	— 0.4	28.2	+ 0.6	24.6	0.0	19.5	+ 0.4	21.2	— 0.2	21.8	— 0.6	21.1	— 0.3	81	+ 2	73	+ 1	55	— 7	72	— 2
	Ras El Hikma	23.3	—	24.7	—	27.0	—	24.0	—	21.3	—	22.0	—	23.4	—	21.9	—	83	—	78	—	72	—	83	—
	Dabaa	21.9	—	24.7	—	28.1	—	24.6	—	19.6	—	21.3	—	22.0	—	21.2	—	80	—	73	—	57	—	73	—
	Dekheila (A)	24.0	—	25.8	—	29.1	—	25.3	—	20.9	—	21.5	—	22.9	—	21.4	—	75	—	67	—	57	—	69	—
	Ras El Teen	25.0	—	26.0	—	27.1	—	25.7	—	21.8	—	21.9	—	22.6	—	22.1	—	74	—	68	—	66	—	72	—
	Alexandria (A)	23.1	+0.4	27.1	+ 1.0	30.2	+ 1.5	24.8	+ 0.2	20.8	+ 0.2	22.6	+ 0.5	23.4	+ 0.7	21.6	+ 0.2	80	— 2	66	— 3	54	— 4	74	0
	Balteam	23.7	—	26.6	—	29.1	—	25.0	—	21.3	—	22.5	—	23.1	—	21.9	—	80	—	69	—	58	—	75	—
	Damietta	22.2	—	25.6	— 0.5	31.0	+ 2.2	24.6	— 0.3	20.7	—	22.6	+ 0.2	24.1	+ 1.5	22.0	0.0	87	—	76	+ 4	54	— 8	79	+ 2
	Port Said (A)	25.2	+0.1	26.3	0.0	28.6	+ 0.3	26.2	+ 0.1	22.0	0.0	22.7	+ 0.3	23.4	+ 0.3	22.7	+ 0.1	74	— 1	72	+ 2	63	0	73	0
	El Arish	23.5	+0.6	27.0	0.0	29.9	+ 1.7	26.1	+ 0.5	21.5	+ 0.8	23.3	+ 0.7	24.7	+ 1.2	23.2	+ 1.0	83	+ 2	72	+ 5	63	— 3	77	+ 4
	Ghazza	23.3	—	26.7	—	28.2	—	26.5	—	21.1	—	22.5	—	24.1	—	23.4	—	81	—	68	—	70	—	76	—
Lower Egypt	El Sirw	21.4	—	26.0	0.0	29.7	+ 0.5	24.7	— 0.1	—	—	22.6	— 0.1	22.8	— 1.2	22.3	— 0.1	—	—	73	— 1	53	—10	80	0
	Sakha	19.8	—	23.9	— 1.0	33.4	+ 2.3	24.6	+ 1.1	—	—	21.5	— 0.8	23.5	— 0.5	22.2	+ 0.8	—	—	80	+ 2	41	—12	80	— 2
	Mansoura	19.1	—	24.7	— 0.1	31.5	— 0.1	23.1	— 1.3	18.3	—	22.3	+ 0.7	22.6	— 0.2	20.9	— 0.3	92	—	80	— 6	43	— 1	81	+ 7
	Damanhour	21.8	—	24.1	— 0.8	31.0	+ 1.0	23.7	— 0.3	—	—	21.5	— 0.4	23.0	+ 0.2	21.5	+ 0.1	—	—	79	+ 3	48	— 4	81	+ 2
	Gimmeiza	—	—	24.7	0.0	32.9	+ 1.4	24.7	+ 1.6	—	—	22.4	+ 0.3	23.7	— 0.1	22.1	+ 0.9	—	—	81	+ 2	43	— 7	79	— 5
	Tanta	20.3	—	24.3	+ 0.1	32.6	+ 1.0	24.0	+ 0.4	18.6	—	21.2	— 0.5	22.9	— 0.1	20.7	— 0.1	84	—	75	— 5	40	— 5	73	— 4
	Tahrir	21.1	—	24.2	—	32.3	—	25.0	—	19.8	—	21.4	—	21.5	—	21.4	—	88	—	77	—	34	—	71	—
	Shebin El Kom	20.3	—	23.5	— 0.7	33.3	+ 1.1	25.0	0.0	19.2	—	21.5	+ 0.1	24.0	+ 1.2	21.5	+ 0.5	90	—	83	+ 8	43	+ 2	72	+ 4
	Zagazig	22.1	—	23.7	— 1.5	32.3	+ 0.6	25.8	— 1.5	—	—	21.4	— 1.1	23.1	— 0.6	22.0	+ 0.7	—	—	81	+ 3	43	— 6	70	— 6
	Abu Sueir (A)	22.5	—	25.2	—	33.3	—	26.7	—	20.4	—	21.6	—	21.8	—	21.8	—	82	—	71	—	32	—	64	—
	Banha	21.5	—	23.3	—	32.1	—	25.4	—	19.7	—	21.0	—	22.6	—	21.2	—	83	—	81	—	41	—	67	—
	Zaher (A)	21.8	—	24.0	—	32.5	—	26.1	—	20.3	—	21.3	—	22.2	—	21.7	—	87	—	78	—	37	—	66	—
	Wadi El Natrun	21.5	—	23.9	— 0.5	33.4	+ 0.4	26.2	— 1.1	19.4	—	20.7	— 0.5	20.9	— 1.5	21.0	— 0.7	81	—	74	0	28	— 9	60	— 1
	Inshas (A)	21.3	—	24.0	—	32.6	—	25.8	—	19.5	—	21.0	—	22.2	—	21.1	—	84	—	75	—	37	—	64	—
	Fayed (A)	23.0	—	25.7	—	33.5	—	27.2	—	20.0	—	21.7	—	21.6	—	21.5	—	74	—	69	—	31	—	58	—
	Kabrit (A)	23.3	—	24.6	—	32.6	—	27.0	—	21.1	—	21.5	—	22.8	—	22.2	—	81	—	75	—	40	—	64	—
Cairo Area	Cairo (A)	22.5	+ 0.6	24.0	+ 0.4	32.6	+ 1.2	27.3	+ 0.6	20.3	+ 0.5	20.8	+ 0.4	20.9	— 0.5	21.0	+ 0.4	81	0	74	0	30	— 7	55	— 1
	Mostafa Helmi (A)	21.4	—	22.8	—	31.9	—	26.0	—	19.5	—	20.0	—	20.1	—	20.3	—	83	—	76	—	29	—	57	—
	Almaza (A)	22.4	+ 0.1	23.7	+ 0.3	33.2	+ 1.9	27.3	+ 0.3	19.4	— 0.8	19.9	— 0.6	21.5	— 0.5	20.5	— 0.5	74	— 8	69	— 7	32	— 9	51	— 5
	Abbasiya (H.Q.)	22.6	—	25.5	—	34.5	—	27.2	—	20.5	—	21.7	—	22.6	—	21.3	—	82	—	70	—	32	—	57	—
	Imbaba (A)	21.4	—	24.3	—	32.8	—	26.6	—	19.2	—	21.0	—	22.2	—	20.9	—	80	—	73	—	36	—	58	—
	Giza	21.7	—	24.1	+ 0.7	32.3	+ 0.8	27.2	+ 1.5	20.1	—	21.1	+ 0.2	21.3	— 0.8	20.8	+ 0.1	86	—	76	— 3	33	— 8	54	— 9
	Helwan	22.5	—	24.3	+ 0.8	32.8	+ 1.3	27.6	+ 0.4	19.7	—	20.2	+ 0.5	20.3	+ 0.1	19.9	0.0	76	—	67	— 2	27	— 4	45	— 2

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

SEPTEMBER 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	22.9	—	25.1	+ 0.9	34.1	+ 1.9	28.1	+ 1.5	20.1	—	21.2	+ 0.6	21.3	+ 0.2	20.0	— 0.1	76	—	69	— 1	28	— 4	44	— 8
	Beni Suef	23.1	—	24.4	— 0.9	34.1	— 0.2	27.0	+ 0.3	20.0	—	20.6	— 0.5	21.8	— 0.1	19.7	— 0.4	74	—	69	+ 2	30	0	47	— 5
	Seds	22.4	—	24.9	+ 0.6	33.2	+ 1.2	25.5	+ 0.3	—	—	21.8	+ 0.6	23.4	+ 1.2	20.3	+ 0.3	—	—	75	0	41	+ 2	60	0
	Minya (A)	21.2	0.0	23.5	— 0.2	32.9	— 0.1	25.0	— 0.1	18.2	+ 0.2	20.4	+ 0.2	21.2	— 0.6	19.4	0.0	74	+ 2	74	+ 2	31	— 3	57	0
	Mallawi	19.8	—	22.9	—	32.8	—	23.3	—	—	—	21.1	—	24.1	—	20.1	—	—	—	85	—	46	—	73	—
	AsyoutMangabad. (A)	23.6	+ 0.1	24.1	— 0.2	34.7	+ 0.3	28.4	— 0.1	17.0	— 0.4	19.6	+ 0.4	20.1	— 0.3	18.5	— 1.0	48	— 4	64	+ 4	20	— 3	34	— 1
	Shandaweel	24.1	—	25.6	— 0.5	35.1	+ 1.9	26.9	+ 0.1	—	—	21.4	+ 0.2	23.5	+ 0.4	21.3	— 0.1	—	—	67	+ 4	35	— 5	59	— 1
	Nag Hammadi	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kena	27.3	—	28.1	+ 0.6	37.2	+ 0.4	30.0	0.0	—	—	20.3	— 0.4	24.2	+ 1.0	20.9	+ 0.5	—	—	46	— 6	31	+ 3	40	+ 2
	Luxor (A)	25.0	— 0.2	28.7	— 0.3	37.4	— 0.2	29.9	— 0.8	17.2	— 0.3	20.6	+ 0.5	22.1	0.0	20.5	+ 0.2	42	+ 1	45	+ 1	22	— 3	38	+ 4
	Kom Ombo	24.8	—	28.2	—	39.4	—	31.1	—	16.0	—	18.6	—	21.3	—	18.6	—	35	—	35	—	14	—	25	—
	Aswan (A)	26.3	—	28.8	0.0	38.9	+ 0.4	33.2	— 0.8	15.1	—	17.1	— 2.0	19.6	— 1.5	17.2	— 3.0	24	—	25	—11	10	— 9	12	—11
Western Desert	Siwa	22.6	+ 0.4	22.6	— 0.7	33.0	— 0.7	28.8	— 0.5	17.7	— 0.2	18.8	— 0.2	19.8	— 0.9	18.3	— 0.7	60	+ 3	68	+ 3	24	— 2	31	— 2
	Bahariya	22.6	—	23.3	— 0.5	33.5	+ 0.9	28.7	+ 1.5	17.8	—	18.9	— 1.0	20.2	— 1.6	18.5	— 1.1	60	—	64	— 4	25	—10	32	—13
	Farafra	22.9	—	23.3	— 0.6	34.1	+ 0.1	28.2	+ 0.4	15.7	—	17.4	— 1.6	19.6	+ 0.3	17.3	+ 1.1	43	—	53	— 5	20	—11	28	—13
	Dakhla	23.5	—	26.0	— 0.3	35.4	+ 1.0	28.9	— 0.7	15.1	—	17.4	— 0.6	19.7	— 0.5	17.6	— 0.4	35	—	39	— 2	17	— 5	27	0
	Kharga	23.2	—	26.9	0.0	36.9	+ 1.3	29.0	— 1.4	16.1	—	19.0	— 0.8	21.2	— 1.1	18.3	— 1.2	44	—	44	— 4	19	— 9	30	— 2
Red Sea	Suez	24.8	—	25.4	+ 0.6	33.0	+ 0.8	28.2	+ 1.2	—	—	23.0	+ 1.7	23.7	+ 1.4	22.9	+ 1.5	—	—	80	+ 8	43	+ 4	61	+ 2
	Abu Redes	26.5	—	27.2	—	29.7	—	29.1	—	21.6	—	21.8	—	23.7	—	22.2	—	64	—	60	—	59	—	53	—
	Tor	26.1	—	27.6	+ 0.3	29.9	0.0	29.1	0.0	22.0	—	22.4	— 0.6	24.4	— 0.2	23.1	— 0.5	68	—	62	— 6	62	— 1	58	— 3
	Hurghada	25.6	0.0	28.2	+ 1.1	31.3	+ 1.8	28.8	+ 0.6	18.3	— 1.4	20.8	— 1.1	23.2	— 1.2	20.9	— 0.9	46	—10	49	—13	48	—16	46	— 9
	Quseir	27.1	—	29.8	+ 0.3	31.2	+ 0.4	28.4	— 0.2	20.2	—	22.2	— 0.1	25.0	+ 0.1	23.2	+ 0.6	50	—	49	— 2	58	— 2	63	+ 5
	Abul Kizan	28.5	—	30.4	+ 0.1	30.6	— 0.2	29.0	— 0.1	—	—	26.4	— 0.1	26.6	— 0.4	26.4	0.0	—	—	72	— 1	72	— 1	80	0

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

SEPTEMBER 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	1012.3	— 0.9	1012.8	— 0.9	29.3	— 0.5	20.8	+ 1.0	25.0	a	25.1	+ 0.5	a	21.4	+ 0.8	a	71	+ 3
	Sidi Barrani	a	1009.4	— 1.7	1012.0	— 1.7	28.6	+ 0.3	20.8	+ 0.3	24.7	a	24.7	+ 0.2	a	21.2	+ 0.4	a	72	+ 2
	Mersa Matruh (A)	a	1009.2	— 0.7	1012.8	— 0.7	29.2	+ 0.7	20.1	+ 0.1	24.6	a	24.6	0.0	a	20.8	— 0.2	a	69	— 2
	Ras El Hikma	a	1007.0	—	1012.3	—	27.6	—	22.2	—	24.9	a	24.7	—	a	22.2	—	a	80	—
	Dabaa	a	1009.6	—	1011.6	—	28.6	—	20.4	—	24.5	a	24.7	—	a	20.9	—	a	69	—
	Dekheila (A)	a	1011.3	—	1012.0	—	29.4	—	22.7	—	26.0	a	26.0	—	a	21.6	—	a	66	—
	Ras El Teen	a	1011.1	—	1012.1	—	27.7	—	23.5	—	25.6	a	25.9	—	a	22.1	—	a	71	—
	Alexandria (A)	a	1010.9	— 1.4	1011.7	— 1.4	31.1	+ 1.7	21.5	+ 0.3	26.3	a	26.0	+ 0.6	a	21.9	+ 0.6	a	68	0
	Balteam	a	1011.3	—	1011.5	—	30.6	—	21.5	—	26.0	a	25.9	—	a	22.1	—	a	71	—
	Damietta	a	1011.0	— 1.1	1011.4	— 1.1	31.8	+ 1.9	20.8	+ 0.5	26.3	a	25.7	+ 0.9	a	22.2	+ 0.6	a	73	— 1
	Port Said (A)	a	1010.2	— 1.2	1010.9	— 1.2	29.5	+ 0.3	24.2	+ 0.2	26.8	a	26.5	+ 0.3	a	22.7	+ 0.4	a	71	+ 1
	El Arish	a	1009.0	— 0.3	1010.9	— 0.3	31.0	+ 1.1	21.7	+ 1.4	26.4	a	26.4	+ 1.2	a	23.0	+ 1.7	a	73	+ 3
	Ghazza	a	1008.8	—	1010.6	—	29.1	—	21.4	—	25.2	a	25.8	—	a	22.6	—	a	75	—
Lower Egypt	El Sirw	—	—	—	—	—	31.0	+ 0.6	18.2	— 0.8	24.6	c	25.4	+ 0.0	c	22.4	+ 1.0	e	76	+ 3
	Sakha	—	—	—	—	—	33.5	+ 1.5	18.3	+ 0.6	25.9	c	25.4	+ 1.1	c	23.0	+ 1.1	e	80	0
	Mansoura	a	1010.7	— 1.0	1011.1	— 1.0	32.1	— 0.7	17.9	— 1.6	25.0	a	24.4	— 0.7	a	20.8	+ 0.4	a	71	— 3
	Damanhour	c	1010.7	— 2.0	1011.4	— 2.0	31.7	+ 0.3	19.4	+ 0.2	25.6	c	25.2	+ 0.7	c	22.7	+ 0.9	e	80	+ 2
	Gimmeiza	—	—	—	—	—	33.5	+ 0.9	18.2	+ 0.9	25.8	—	—	—	—	—	—	e	80	— 4
	Tanta	a	1009.3	— 1.9	1010.5	— 1.9	33.3	+ 0.8	19.1	+ 1.7	26.2	a	25.2	+ 1.0	a	20.7	— 0.8	a	65	—13
	Tahrir	a	1009.0	—	1011.2	—	33.3	—	19.5	—	26.4	a	25.5	—	a	20.8	—	a	64	—
	Shebin El Kom	a	1009.7	— 1.1	1011.2	— 1.1	34.1	+ 1.0	18.8	— 0.1	26.4	a	25.6	+ 0.6	a	21.4	— 0.1	a	67	— 5
	Zagazig	c	1010.1	— 1.0	1011.7	— 1.0	33.3	+ 0.6	19.9	+ 1.6	26.6	c	26.0	+ 1.1	c	23.0	+ 1.0	e	76	— 1
	Abu Sueir (A)	a	1009.6	—	1011.4	—	34.5	—	20.8	—	27.6	a	26.9	—	a	21.2	—	a	58	—
	Banha	a	1009.4	—	1011.2	—	32.8	—	20.3	—	26.6	a	25.6	—	a	21.0	—	a	64	—
	Zaher (A)	a	1006.9	—	1010.4	—	32.2	—	19.7	—	26.4	a	26.2	—	a	21.2	—	a	62	—
	Wadi El Natrun	a	1012.0	+ 0.4	1012.1	+ 0.4	34.4	+ 0.1	19.1	— 0.2	26.8	a	26.3	+ 0.3	a	20.4	— 1.2	a	56	—10
	Inshas (A)	a	1006.9	—	1009.8	—	33.1	—	20.0	—	26.6	a	25.9	—	a	20.9	—	a	62	—
	Fayed (A)	a	1008.9	—	1013.0	—	34.3	—	21.4	—	27.8	a	27.1	—	a	21.0	—	a	56	—
	Kabrit (A)	a	1009.4	—	1010.7	—	33.7	—	21.6	—	27.6	a	26.9	—	a	21.9	—	a	63	—

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

SEPTEMBER 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	1003.5	— 1.3	1010.9	— 1.3	32.6	+ 0.2	20.7	+ 0.8	26.7	a	26.6	+ 0.8	a	20.7	+ 0.5	a	57	— 1
	Mostafa Helmi (A)	a	992.3	—	1011.0	—	32.5	—	19.9	—	26.2	a	25.6	—	a	19.9	—	a	57	—
	Almaza (A)	a	1001.7	— 1.4	1010.6	— 1.6	34.1	+ 1.3	20.7	+ 0.5	27.4	a	26.7	+ 0.6	a	20.3	— 0.3	a	54	— 5
	Abbasiya (H.Q.)	a	1008.7	—	1011.8	—	35.9	—	21.2	—	28.6	a	27.4	—	a	21.5	—	a	57	—
	Imbaba A)	a	1008.5	—	1010.6	—	33.9	—	19.6	—	26.8	a	26.2	—	a	20.7	—	a	59	—
	Giza	a	1008.2	— 1.1	1011.0	— 1.1	33.6	+ 1.6	20.2	+ 2.4	26.9	a	26.2	+ 1.6	a	20.8	— 0.2	a	59	—12
	Helwan	a	994.6	— 0.9	1011.0	— 1.0	33.9	+ 1.5	20.8	+ 0.7	27.4	a	26.7	+ 1.0	a	20.0	+ 0.3	a	51	— 7
Upper Egypt	Fayoum	a	1007.8	— 0.6	1010.7	— 0.6	35.1	+ 1.8	20.8	+ 1.4	28.0	a	27.5	+ 1.9	a	20.6	+ 0.3	a	52	—10
	Beni Suef	a	1006.7	— 0.9	1010.0	— 1.0	34.8	+ 0.3	19.5	+ 1.1	27.2	a	27.3	+ 1.1	a	20.4	— 0.5	a	50	—10
	Seds	—	—	—	—	—	34.4	+ 0.8	18.8	+ 1.2	26.6	c	26.5	+ 1.8	c	22.3	+ 1.7	e	68	+ 1
	Minya (A)	a	1005.0	— 1.7	1009.7	— 1.7	33.9	+ 0.5	18.9	+ 0.3	26.4	a	25.0	— 0.8	a	19.7	— 2.2	a	59	+ 3
	Mallawi	—	—	—	—	—	33.7	—	17.6	—	25.6	c	24.7	—	c	—	—	e	—	—
	Asyout Mangabad (A)	a	1001.9	— 0.5	1009.9	— 0.4	35.6	+ 0.3	20.4	+ 0.2	28.0	a	27.8	+ 0.1	a	18.7	— 0.2	a	38	— 1
	Shandaweel	—	—	—	—	—	36.2	+ 2.0	19.8	— 0.6	28.0	c	27.9	+ 0.8	c	22.8	+ 0.8	e	63	+ 1
	Kena	c	999.8	— 0.7	1008.2	— 0.7	38.8	+ 0.5	23.6	+ 1.2	31.2	c	30.6	+ 1.4	c	21.7	+ 0.7	e	43	— 2
	Luxor (A)	a	997.5	— 1.2	1007.5	— 1.3	38.7	— 0.2	21.5	— 0.1	30.1	a	30.1	+ 0.1	a	19.8	+ 0.3	a	35	— 3
	Kom Ombo	a	995.5	—	1007.1	—	39.9	—	21.1	—	30.5	a	30.6	—	a	18.5	—	a	26	—
	Aswan (A)	a	985.0	— 0.8	1007.4	— 0.9	40.4	+ 0.6	23.1	— 1.0	31.8	a	31.8	+ 0.6	a	17.2	— 2.8	a	16	—15
Western Desert	Siwa	a	1014.4	— 1.4	1012.7	— 1.5	34.7	— 0.3	18.3	— 1.3	26.5	a	26.8	+ 0.4	a	18.5	+ 0.3	a	41	— 1
	Bahariya	a	996.4	— 0.9	1011.3	— 0.9	34.6	+ 0.6	19.6	+ 1.0	27.1	a	27.1	+ 1.5	a	18.8	+ 1.0	a	42	—14
	Farafra	a	1001.6	— 1.2	1012.2	— 1.2	34.8	— 0.2	19.5	+ 0.4	27.2	a	27.4	+ 1.0	a	17.6	— 0.0	a	33	— 5
	Dakhla	a	995.7	— 1.7	1008.3	— 1.8	36.3	+ 0.6	19.7	— 1.5	28.0	a	28.4	+ 0.5	a	17.4	— 0.8	a	28	— 7
	Kharga	a	1001.0	— 1.6	1009.0	— 1.7	37.5	+ 1.0	20.4	— 1.2	29.0	a	28.9	+ 0.3	a	18.6	— 1.2	a	33	— 7
Red Sea	Suez	c	1009.7	— 0.9	1010.9	— 0.9	35.0	+ 1.4	20.7	— 0.4	27.8	c	27.8	+ 0.4	c	23.7	+ 1.7	e	70	+ 4
	Abu Redes	a	1007.4	—	1007.8	—	31.2	—	25.0	—	28.1	a	28.0	—	a	22.3	—	a	59	—
	Tor	a	1006.5	— 0.9	1006.9	— 1.9	31.4	— 0.6	23.6	+ 0.9	27.5	a	27.9	+ 0.7	a	22.9	+ 0.7	a	63	— 1
	Hurghada	a	1007.2	— 0.4	1007.4	— 0.4	32.3	+ 1.9	23.6	+ 0.4	28.0	a	28.4	+ 0.6	a	20.6	— 0.9	a	46	— 9
	Quseir	a	1005.9	— 1.9	1006.9	— 1.9	31.7	— 0.5	25.5	+ 0.1	28.6	a	28.9	+ 0.3	a	22.5	+ 0.5	a	56	+ 2
	Abul Kizan	c	1006.8	—	1007.2	—	32.2	+ 0.4	28.2	+ 1.1	30.2	c	29.6	+ 0.3	e	26.3	+ 0.3	e	76	0

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

SEPTEMBER 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	36.3	30	26.2	28	30	9	1	0	0	23.4	1,2	18.5	14,18				
	Sidi Barrani	34.9	30	25.7	24	30	3	0	0	0	24.2	2	17.0	18	0	0	0	0
	Mersa Matruh (A)	33.6	26	27.2	24	30	4	0	0	0	24.5	3	15.8	19	0	0	0	0
	Ras El Hikma	31.6	26	26.2	24	30	2	0	0	0	24.6	2	18.0	24	0	0	0	0
	Dabaa	32.8	26	26.2	28	30	3	0	0	0	24.7	3	17.0	19	0	0	0	0
	Dekheila (A)	32.5	26	27.4	24	30	6	0	0	0	25.4	2	18.6	9	0	0	0	0
	Ras El Teen	30.4	26	25.3	24	30	1	0	0	0	25.4	2,3	19.2	24	0	0	0	0
	Alexandria (A)	35.0	26	28.7	28	30	24	0	0	0	24.8	3	16.9	19	0	0	0	0
	Balteam	32.5	26	29.0	28	30	22	0	0	0	25.4	3	18.5	15	0	0	0	0
	Damietta	35.5	26	29.4	20	30	27	1	0	0	24.4	4	17.6	22	0	0	0	0
	Port Said (A)	33.5	25	27.8	28,29	30	6	0	0	0	26.2	4	22.6	22	0	0	0	0
	El Arish	34.7	25	29.5	20	30	26	0	0	0	26.2	4	19.6	26	0	0	0	0
	Ghazza	32.5	25	26.9	29	30	3	0	0	0	24.9	4	18.4	23	0	0	0	0
Lower Egypt	EL Sirw	34.0	22	28.2	20	30	25	0	0	0	25.3	4	17.4	22	0	0	0	0
	Sakha	38.5	26	29.8	28	30	29	2	0	0	21.6	2,5	16.8	19	0	0	0	0
	Mansoura	36.5	26	29.4	28	30	28	1	0	0	20.6	3	15.4	21	0	0	0	0
	Damanhour	35.2	26	29.4	29	30	28	1	0	0	22.4	3	17.8	9	0	0	0	0
	Gimmeiza	38.0	26	29.5	24	30	29	3	0	0	22.0	3,4	15.5	15,19	0	0	0	0
	Tanta	36.2	26	30.3	28	30	30	2	0	0	22.6	3	16.8	19	0	0	0	0
	Tahrir	36.2	23	29.9	28	30	29	2	0	0	22.6	3	16.6	19	0	0	0	0
	Shebin El Kom	36.6	26	31.3	28	30	30	4	0	0	21.7	3	16.0	15	0	0	0	0
	Zagazig	39.0	26	30.4	29	30	30	2	0	0	22.8	4	18.0	22	0	0	0	0
	Abu Sueir (A)	40.1	26	31.0	28	30	30	12	1	0	24.1	3	17.6	22	0	0	0	0
	Banha	36.4	26	30.2	28	30	30	1	0	0	22.7	3	18.5	15	0	0	0	0
	Zaher (A)	38.4	26	30.7	28	30	30	5	0	0	23.4	3	17.7	22	0	0	0	0
	Wadi EL Natrun	36.5	3-23	30.4	28	30	30	9	0	0	23.1	4	17.0	19	0	0	0	0
	Inshas (A)	37.5	26	30.4	28	30	30	3	0	0	22.8	4	17.6	21	0	0	0	0
	Fayed (A)	40.0	26	31.0	28	30	30	9	0	0	24.4	4	18.5	22	0	0	0	0
	Kabrit (A)	40.0	26	30.8	22	30	30	5	0	0	24.2	4	19.0	22	0	0	0	0
	Delta Barrage	32.5	26	31.8	29,30	30	30	8	0	0	22.0	12	16.5	19	0	0	0	0
Cairo Area	Cairo A)	37.7	26	31.0	28	30	30	7	0	0	23.1	12	18.4	21	0	0	0	0
	Mostafa Helmi (A	35.9	26	29.3	28	30	29	3	0	0	22.8	3	17.6	15	0	0	0	0
	Almaza (A)	38.5	26	30.7	28	30	30	6	0	0	23.3	3	18.2	22	0	0	0	0
	Abbasiya (H.Q)	39.1	26	33.0	28	30	30	22	0	0	23.8	12	18.9	21,22	0	0	0	0
	Imbaba A)	38.6	26	3 .0	28	30	30	6	0	0	22.8	12	17.6	21,22	0	0	0	0
	Giza	38.4	26	30.6	28	30	30	3	0	0	23.5	3	17.4	22	0	0	0	0
	Helwan	38.8	26	31.3	20	30	30	7	0	0	23.1	25	17.2	22	0	0	0	0

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

SEPTEMBER 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	38.0	24	32.0	28	30	30	16	0	0	22.5	3,4	18.9	19	0	0	0	0
	Beni Suef	38.6	30	32.2	20,28	30	30	15	0	0	22.2	4	17.4	21	0	0	0	0
	Seds	39.0	24	31.5	28	30	30	8	0	0	21.5	4	16.5	21	0	0	0	0
	Minya (A)	39.8	26	31.1	28	30	30	6	0	0	21.5	4	16.3	9	0	0	0	0
	Mallawi	39.0	24	31.0	21	30	30	4	0	0	20.8	4	15.6	21	0	0	0	0
	AsyoutMangabad (A)	40.6	23	32.5	20	30	30	19	1	0	23.8	25	18.2	21	0	0	0	0
	Shandaweel	39.8	24	33.0	21	30	30	19	0	0	22.6	12,25	17.5	23	0	0	0	0
	Kena	42.5	2	35.0	21	30	30	29	7	0	25.0	10	21.0	24	0	0	0	0
	Luxor (A)	42.0	1	35.4	21	30	30	30	10	0	24.4	5,16	17.8	24	0	0	0	0
	Kom Ombo	45.0	1	37.4	19	30	30	30	18	0	27.8	1	16.8	22	0	0	0	0
	Aswan (A)	45.0	30	36.5	8	30	30	30	18	0	28.2	1	20.8	18	0	0	0	0
Western Desert	Siwa	37.8	1	25.6	24	30	29	15	0	0	22.0	3,11	14.9	26	0	0	0	0
	Bahariya	38.3	23	31.6	17	30	30	14	0	0	22.7	4	16.3	10	0	0	0	0
	Farafra	38.5	24	30.8	28	30	30	15	0	0	21.6	4	16.7	27	0	0	0	0
	Dakhla	41.0	26	33.3	21	30	30	18	1	0	23.0	5,25	15.9	16	0	0	0	0
	Kharga	42.4	26	33.1	21	30	30	25	3	0	27.0	2	14.9	23	0	0	0	0
Red Sea	Suez	41.0	26	32.4	20,28	30	30	15	1	0	22.7	4	18.3	23	0	0	0	0
	Abu Redes	38.0	24	29.3	20,21	30	24	2	0	0	26.2	2,4	22.7	24	0	0	0	0
	Tor	36.8	26	29.0	28	30	25	1	0	0	26.4	4	19.3	24	0	0	0	0
	Hurghada	34.7	9	30.8	20,29	30	30	0	0	0	27.2	1	19.5	24	0	0	0	0
	Quseir	33.3	27	30.1	21	30	30	0	0	0	28.4	2	23.1	24	0	0	0	0
	Abul Kisan	40.4	26	30.2	28	30	30	12	1	0	26.7	3	19,0	7	0	0	0	0

* More than 3 days.

TABLE A 5. — RAINFALL AND SNOW DEPTH

SEPTEMBER 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	Tr.	−0.6	Tr.	23	1	0	0	0	0	0	0	—	—
	Sidi Barrani	0.2	−0.1	0.2	23	0	1	0	0	0	0	0	—	—
	Mersa Matruh (A)	6.4	+5.8	6.4	23	2	1	1	1	0	0	0	—	—
	Ras El Hikma	17.4	—	17.4	23	0	1	1	1	1	0	0	—	—
	Dabaa	26.2	+26.1	26.2	23	0	1	1	1	1	1	0	—	—
	Dekheila (A)	3.9	—	3.9	24	1	1	1	0	0	0	0	—	—
	Ras El Teen	1.7	—	1.4	24	0	2	1	0	0	0	0	—	—
	Alexandria (A)	2.4	+1.8	2.4	24	1	1	1	0	0	0	0	—	—
	Balteam	5.3	—	5.1	24	0	2	1	1	0	0	0	—	—
	Damietta	0.0	−0.1	0.0	—	0	0	0	0	0	0	0	—	—
	Port Said (A)	0.0	−0.2	0.0	—	0	0	0	0	0	0	0	—	—
	El Arish	0.0	−0.4	0.0	—	0	0	0	0	0	0	0	—	—
	Ghazza	0.0	—	0.0	—	0	0	0	0	0	0	0	—	—
	Fuka	9.5	+9.5	7.0	24	0	2	2	1	0	0	0	—	—
	Hammam	4.0	+4.0	4.0	24	0	1	1	0	0	0	0	—	—
	Borg El Arab	3.0	+2.8	2.5	26	0	2	1	0	0	0	0	—	—
	Mex	0.0	−0.2	0.0	—	0	0	0	0	0	0	0	—	—
	Tolombat El Tabia	0.0	−0.3	0.0	—	0	0	0	0	0	0	0	—	—
	Kom El Tarfaia	4.1	—	4.1	24	0	1	1	0	0	0	0	—	—
	Rosetta L.H.	0.0	−0.3	0.0	—	0	0	0	0	0	0	0	—	—
	Borollos L.H.	14.5	+14.3	14.5	25	0	1	1	1	1	0	0	—	—
	Dameitta L.H.	0.0	−0.1	0.0	—	0	0	0	0	0	0	0	—	—
Lower Egypt	El Sirw	0.0	0.0	0.0	—	0	0	0	0	0	0	0	—	—
	Sakha	Tr.	−0.1	Tr.	24	1	0	0	0	0	0	0	—	—
	Mansoura	0.0	−0.2	0.0	—	0	0	0	0	0	0	0	—	—
	Damanhour	1.8	+1.6	1.8	24	0	1	1	0	0	0	0	—	—
	Gimmeiza	6.0	+5.9	4.0	24	0	2	2	0	0	0	0	—	—
	Tanta	2.7	+2.5	1.9	24	0	2	1	0	0	0	0	—	—
	Tahrir	3.4	—	2.6	24	0	2	2	0	0	0	0	—	—
	Shebin El Kom	0.2	+0.1	0.2	24	0	1	0	0	0	0	0	—	—
	Zagazig	Tr.	−0.2	Tr.	24	1	0	0	0	0	0	0	—	—
	Abu Sueir (A)	0.0	—	0.0	—	0	0	0	0	0	0	0	—	—
	Banha	Tr.	+Tr.	Tr.	24, 25	2	0	0	0	0	0	0	—	—
	Zaher (A)	0.0	—	0.0	—	0	0	0	0	0	0	0	—	—
	Wadi El Natrun	Tr.	−0.7	Tr.	24, 25	2	0	0	0	0	0	0	—	—
	Inshas (A)	Tr.	—	Tr.	24	1	0	0	0	0	0	0	—	—
	Fayed (A)	0.0	—	0.0	—	0	0	0	0	0	0	0	—	—
	Kabrit (A)	1.8	—	1.8	24	0	1	1	0	0	0	0	—	—
	Delta Barrage	0.0	0.0	0.0	—	0	0	0	0	0	0	0	—	—
	Tolombat El Boseili	1.1	+0.9	1.1	25	0	1	1	0	0	0	0	—	—
	Kafr El Dawar	0.0	−0.1	0.0	—	0	0	0	0	0	0	0	—	—
	Kafr El Sheikh	0.0	−1.2	0.0	—	0	0	0	0	0	0	0	—	—
	Kafr El Zayat	0.0	−0.2	0.0	—	0	0	0	0	0	0	0	—	—
	Faqus	0.0	−Tr.	0.0	—	0	0	0	0	0	0	0	—	—
Cairo Area	Cairo (A)	0.0	−Tr.	0.0	—	0	0	0	0	0	0	0	—	—
	Mostafa Helmi (A)	0.4	—	0.4	25	0	1	0	0	0	0	0	—	—
	Almaza (A)	0.0	0.0	0.0	—	0	0	0	0	0	0	0	—	—
	Abbasiya (H.Q)	Tr.	—	Tr.	25	1	0	0	0	0	0	0	—	—
	Imbaba (A)	Tr.	—	Tr.	24	1	0	0	0	0	0	0	—	—
	Giza	Tr.	−0.2	Tr.	4—24	2	0	0	0	0	0	0	—	—
	Helwan	0.0	0.0	0.0	—	0	0	0	0	0	0	0	—	—

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

SEPTEMBER 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	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	—	—
	Seds	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	—	—
	Mallawi	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	—	—
	Shandaweel	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	—	—
	Luxor (A)	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	—	—
	Aswan (A)	0.0	0.0	0.0	—	0	0	0	0	0	0	0	—	—
Western Desert	Siwa	2.6	+2.6	2.4	23	0	2	1	0	0	0	0	—	—
	Bahariya	1.3	+1.1	1.3	25	1	1	1	0	0	0	0	—	—
	Farafra	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	—	—
	Kharga	0.0	0.0	0.0	—	0	0	0	0	0	0	0	—	—
Red Sea	Suez	2.0	+1.9	2.0	24	0	1	1	0	0	0	0	—	—
	Attapa	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	—	—
	Tor	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	—	—
	Quseir	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	—	—

TABLE A 6.—BRIGHT SUNSHINE, CLOUDINESS, EVAPORATION, BRIGHT & BLACK BULB TEMPERATURES AND GRASS MINIMUM SEPTEBER 1962

	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				
Mediterranean Sea	Sallum	—	—	—	1.4	—	2.0	—	1.4	—	0.7	—	6.8	—	—	20.3
	Sidi Barrani	—	—	—	—	—	3.2	—	1.8	—	1.2	—	6.6	—	—	20.4
	Mersa Matruh (A)	296.2	371.1	80	0.9	—	2.4	—	1.9	—	2.0	—	7.7	—	—	—
	Ras El Hikma	—	—	—	—	—	2.2	—	1.6	—	1.8	—	5.0	—	—	21.3
	Dabaa	—	—	—	—	—	2.1	—	1.8	—	1.6	—	6.0	—	—	—
	Dekheila (A)	—	—	—	1.3	—	2.4	—	1.2	—	1.3	—	4.7	—	—	—
	Ras El Teen	—	—	—	2.4	—	3.9	—	2.2	—	2.5	—	6.5	—	—	—
	Alexandria	311.2	370.8	84	2.8	—	3.2	—	1.9	—	2.9	—	4.7	—	—	—
	Balteam (A)	—	—	—	—	—	2.8	—	1.3	—	0.8	—	4.2	—	—	—
	Damietta	—	—	—	—	—	1.2	—	0.8	—	0.1	—	3.6	—	—	—
	Port Said (A)	318.5	370.8	86	0.9	—	2.2	—	0.7	—	0.4	—	6.8	—	—	—
	El Arish	—	—	—	3.3	—	2.6	—	0.9	—	2.2	—	5.3	—	—	20.4
	Ghazza	323.9	371.1	87	3.6	—	1.9	—	0.6	—	0.9	—	5.3	—	—	20.6
Lower Egypt	El Sirw	—	—	—	—	—	1.6	—	0.6	—	0.1	—	3.6	—	—	—
	Sakha	—	—	—	—	—	2.0	—	2.2	—	1.0	—	3.8	—	—	18.1
	Mansoura	—	—	—	—	—	1.6	—	0.6	—	—	—	4.0	—	—	—
	Damanhour	—	—	—	—	—	1.8	—	1.5	—	0.6	—	3.2	—	—	—
	Gimmeiza	303.7	370.5	82	—	—	0.9	—	1.0	—	0.0	—	5.7	—	—	—
	Tanta	316.7	370.3	86	—	—	1.3	—	0.8	—	0.0	—	5.2	65	43	—
	Tahrir	290.7	370.8	78	—	—	2.1	—	1.1	—	0.3	—	8.5	—	—	18.4
	Shebin El Kom	—	—	—	—	—	1.8	—	0.9	—	0.0	—	3.5	—	—	—
	Zagazig	—	—	—	—	—	2.6	—	1.2	—	0.0	—	4.1	—	—	—
	Abu Sueir (A)	—	—	—	1.3	—	3.0	—	0.9	—	0.1	—	9.5	72	—	19.8
	Bænha	—	—	—	—	—	2.7	—	0.6	—	—	—	4.6	—	—	—
	Zaher (A)	—	—	—	—	—	2.6	—	1.1	—	0.0	—	7.0	—	—	—
	Wadi El Natrun	—	—	—	—	—	1.7		1.0	—	0.4	—	11.6	—	—	—
	Inshas (A)	—	—	—	0.1	—	1.9	—	0.6	—	0.0	—	8.5	—	—	—
	Fayed (A)	—	—	—	—	—	2.5	—	0.6	—	0.1	—	13.7	—	—	—
	Kabrit (A)	—	—	—	—	—	2.5	—	0.6	—	0.0	—	15.0	—	—	—
	Delta Barrago	—	—	—	—	—	3.3	—	—	—	—	—	4.2	—	—	—
Cairo Area	Cairo (A)	—	—	—	2.2	—	3.5	—	0.9	—	0.0	—	13.9	—	—	—
	Mostafa Helmi (A)	—	—	—	1.5	—	3.6	—	0.7	—	0.2	—	12.3	—	—	—
	Almaza (A)	295.3	370.5	80	1.7	—	3.2	—	0.7	—	0.1	—	9.8	—	—	—
	Abbasiya (H.Q.)	302.2	370.5	81	1.4	—	3.2	—	0.7	—	0.0	—	5.5	72	48	—
	Imbaba (A)	—	—	—	—	—	3.3	—	0.7	—	0.0	—	8.7	—	—	—
	Giza	304.6	370.8	82	—	—	2.8	—	0.7	—	0.1	—	8.8	—	—	15.7
	Helwan	—	—	—	0.7	—	2.5	—	0.5	—	0.1	—	17.2	—		—
Upper Egypt	Fayoum	—	—	—	—	—	1.0	—	0.3	—	0.0	—	11.2	—	—	—
	Beni Suef	—	—	—	—	—	1.5	—	0.2	—	0.0	—	8.0	—	—	17.3
	Seds	—	—	—	—	—	1.4	—	0.1	—	0.1	—	5.8	—	—	17.3
	Minya (A)	—	—	—	0.0	—	1.8	—	0.2	—	0.1	—	7.8	—	43	17.4
	Mallawi	—	—	—	—	—	0.4	—	0.0	—	0.0	—	3.1	—	—	16.4
	Asyout (Mangabad) (A)	—	—	—	0.0	—	0.5	—	0.1	—	0.0	—	17.1	—	49	19.5
	Shandaweel	—	—	—	—	—	0.5	—	0.3	—	0.1	—	5.5	—	—	—
	Kena	—	—	—	—	—	0.0	—	0.0	—	0.0	—	9.3	—	—	18.0
	Luxor (A)	—	—	—	0.1	—	0.5	—	0.4	—	0.2	—	9.2	67	47	—
	Kom Ombo	—	—	—	—	—	0.2	—	0.2	—	0.2	—	14.0	—	—	17.9
	Aswan (A)	—	—	—	0.1	—	0.3	—	0.3	—	0.2	—	24.6	—	—	—
Western Desert	Siwa	—	—	—	0.2	—	0.7	—	0.8	—	0.1	—	11.9	76	48	16.9
	Bahariya	—	—	—	0.3	—	1.6	—	0.5	—	0.3	—	7.7	—	—	18.4
	Farafra	—	—	—	0.1	—	0.2	—	0.3	—	0.1	—	18.4	—	—	18.7
	Dakhla	—	—	—	0.0	—	0.0	—	0.1	—	0.0	—	18.8	78	39	10.9
	Kharga	—	—	—	0.0	—	0.1	—	0.1	—	0.0	—	14.1	—	—	18.4
Red Sea	Suez	—	—	—	—	—	1.6	—	0.3	—	0.1	—	9.8	—	—	—
	Abu Redes	—	—	—	—	—	0.0	—	0.0	—	0.0	—	13.8	—	—	—
	Tor	—	—	—	0.0	—	0.1	—	0.4	—	0.1	—	7.7	—	—	—
	Hurghada	—	—	—	0.0	—	0.1	—	0.2	—	0.1	—	21.7	—	—	—
	Queir	—	—	—	0.0	—	0.5	—	0.3	—	0.0	—	14.5	—	—	—
	Abul Kizan	—	—	—	—	—	1.2	—	0.5	—	0.2	—	3.9	—	—	—

TABLE A 7.—SOIL TEMPERATURES (°C) AT SELECTED DEPTHS AT FIXED HOURS
SEPTEMBER 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	—	—	—	—	—	24.7	26.8	21	22.7	2.5	32.4	35.2	13	31.4	24	25.8	31.0	2	27.2	24
		10	—	—	—	—	—	26.2	28.0	2	24.5	26,29	29.5	32.0	26	29.0	27	29.1	31.3	1	28.4	5
		20	—	—	—	—	—	27.5	28.6	2	26.0	28	28.4	29.5	3	27.1	27	29.2	30.0	*	27.5	25
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Mersa Matruh (A)	5	26.1	29.1	4	23.1	30	25.0	31.0	3	21.5	26	36.8	41.0	4	32.0	24	30.7	34.1	4	26.4	24
		10	27.7	30.0	4	24.1	26	26.1	33.0	3	23.0	25,26	32.6	35.0	4	29.0	24	31.3	34.0	1-3	28.1	24
		20	29.6	31.8	2	27.2	28	28.4	31.0	3	25.5	26	29.2	30.5	4	26.8	25,26,27	30.4	32.5	4	27.8	27
		50	28.5	30.4	5	27.2	27,30	28.9	30.5	5	27.2	27	28.7	29,7	4	27.1	27	28.9	30.3	4	27.0	27
		100	27.4	28.1	3	27.0	27,28,30	27.4	27.8	*	26.2	25	27.4	27.9	2,5	26.2	25	27.5	27.9	1-6	26.9	19
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Ras El Hikma.	5	—	—	—	—	—	25.6	26.8	3	21.9	26	32.6	34.7	8	31.0	27	27.1	29.0	2	25.3	28
		10	—	—	—	—	—	25.0	26.8	3	22.0	26	29.8	31.2	8	26.1	24	28.2	30.0	2	25.0	24
		20	—	—	—	—	—	25.3	26.8	2—3	22.6	26	27.9	29.1	1-2	25.3	24	27.3	29.0	2	25.0	24
		50	—	—	—	—	—	26.9	27.7	2	25.8	28,30	26.8	27.8	3	25.7	30	26.8	27.8	3	25.7	*
		100	—	—	—	—	—	25.9	26.3	5	25.3	30	25.9	26.2	*	25.3	30	25.9	26.2	*	25.3	30
		200	—	—	—	—	—	23.4	24.0	*	23.6	*	23.9	24.0	*	23.6	1-2	23.9	24.0	*	23.6	1-2
	Alexandria . (A)	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	31.0	32.3	4	29.0	27	30.8	31.8	2-4,5	29.1	25	30.7	32.0	4	29,0	30	30.9	32.2	3	29.0	26
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	El Arish . . .	5	27.0	29.2	4	24.8	23	26.2	28.8	4	23.8	23	33.3	35.4	2,5	31.8	28-29	30.0	32.1	4	28.4	29
		10	28.4	30.4	4	26.6	23	26.9	29.2	4	24.8	23	31.9	34.0	4,5	30.1	24	30.8	32.8	2-4-5	29.4	28-29
		20	29.9	31.7	5	29.0	3,23,30	29.2	30.8	4	28.0	23	30.0	33.1	4	28.7	23	30.8	32.6	4-5	29.3	1
		50	31.2	32.3	5	28.9	29	31.4	32.4	5,6,7	30.6	24,29,30	31.2	32.3	7	30.5	*	31.1	32.3	7	30.2	28
		100	30.1	30.6	1,2	29.5	30	30.2	30.6	*	29.6	26,29,30	30.2	30.6	*	29.7	28,29,30	30.1	30.0	*	29.4	27
		200	29.1	30.6	29	28.8	27—30	29.1	29.2	*	28.8	28,30	29.1	29.2	*	28.8	1	29.0	29.1	*	28.8	27,28
	Ghazza	5	27.6	29.0	3—5	24.3	13	27.4	29.2	3—5	24.4	13	37.0	41.8	1	34.8	13	32.2	32.6	5	30.8	1
		10	29.7	31.2	3	27.0	13	27.7	29.5	3	25.0	13	32.2	37.4	2	34.0	13	32.9	34.5	10	30.6	13
		20	31.2	32.6	12	29.2	19	29.1	31.0	4	28.0	13	31.9	39.7	6	30.2	15,23	32.9	35.0	1	31.5	13-15
		50	31.4	32.2	15	30.0	6	31.4	32.0	*	29.0	6	31.5	37.0	6	30.2	1	31.5	34.0	6	30.5	3
		100	31.8	32.5	2	30.0	3	31.8	32.4	19	31.0	2	31.8	32.8	24	31.0	2,5,15	31.8	32.5	15	30.7	3
		200	30.2	31.0	28	28.5	8,6,13	30.3	31.2	27	28.2	2	30.1	31.0	23,26,29	28.5	1-6-8	30.3	31.0	*	28.6	5

* more than three days

TABLE A 7. (*contd.*)—SOIL TEMPERATURES (°C) AT SELECTED DEPTHS AT FIXED HOURS
SEPTEMBER 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	—	—	—	—	—	—	—	—	—	—	27.4	28.0	*	26.7	29–30	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	27.6	29.0	*	26.7	29–30	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gimmeiza	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	27.3	30.0	3–4	25.0	26–29	31.5	34.0	4	28.5	25	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	30.8	31.5	1–4	29.5	29,30	31.0	31.5	*	30.0	29	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Tanta	5	—	—	—	—	—	25.8	28.2	3	22.9	26	31.4	34.0	3	25.6	25	30.0	32.0	1–4	27.7	29
		10	—	—	—	—	—	29.5	31.7	4	26.7	26	32.2	34.2	3	28.5	25	32.3	34.0	*	28.8	25
		20	—	—	—	—	—	28.6	30.0	*	26.3	26	28.6	30.2	3	25.4	26	29.8	30.6	4	27.1	26
		50	—	—	—	—	—	31.9	33.0	5	30.4	30	31.7	32.8	2	30.2	27	31.7	32.7	1–4	30.1	26
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Tahrir	5	—	—	—	—	—	25.8	29.4	3	23.0	25–29	42.2	44.7	3–4	30.4	25	30.6	33.3	3	25.5	25
		10	—	—	—	—	—	26.0	29.2	3–4	22.4	26	35.9	39.0	4	28.2	25	33.1	35.4	3	27.6	25
		20	—	—	—	—	—	29.1	31.3	4	25.7	26	31.3	33.5	1	28.5	25	33.1	34.9	3	29.2	25
		50	—	—	—	—	—	30.7	31.7	4–5	29.2	26–30	30.3	31.4	4	28.8	26,29,30	30.4	31.6	4	28.9	29–30
		100	—	—	—	—	—	30.2	30.7	*	29.4	29–30	—	—	—	—	—	30.2	30.7	*	29.3	30
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Delta Barrage	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	30.8	32.5	30	29.0	29–30	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	26.6	27.1	23	26.0	11	—	—	—	—	—	—	—	—	—	—

* More than 8 days.

TABLE A 7. *(contd.)*—**SOIL TEMPERATURES (°C) AT SELECTED DEPTHS AT FIXED HOURS**
SEPTEMBER 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
Cairo Area	Giza	5	—	—	—	—	—	27.8	30.4	3	25.6	22	39.4	41.6	2	35.7	28	33.8	35.4	2·3	31.1	28
		10	—	—	—	—	—	29.6	31.4	3	28.0	22	34.2	35.9	2	32.0	28	34.6	33.9	2	31.4	29–30
		20	—	—	—	—	—	31.8	32.8	3·4	30.5	30	31.9	33.0	3	30.6	29–30	32.8	33.9	2	31.4	29–30
		50	—	—	—	—	—	32.5	33.1	*	31.5	30	32.4	33.1	4	30.0	*	32.3	33.0	2·4·5	31.3	30
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Upper Egypt	Seds	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	27.4	28.0	1·5·6	26.7	29	27.4	28.0	1·4·6	26.7	29	27.4	28.0	1·4	26.7	29–30
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Minya (A)	5	28.6	31.0	25	26.0	23	26.5	29.9	25	25.0	*	35.0	37.2	26	32.3	29	31.9	34.5	26	29.7	2
		10	31.6	33.2	1	30.0	21,22,23	29.9	31.9	7	28.5	23	33.2	34.5	4·5	31.3	15	33.7	35.0	*	31.8	15
		20	31.8	33.5	1	29.3	21	30.9	32.3	1	28.2	21	31.9	35.0	23	30.0	21	32.7	34.6	23	31.0	20
		50	32.0	33.1	1	31.0	23	32.0	33.0	1·2	31.0	23	32.0	33.1	2	31.1	24	32.1	33.1	1·2	31.0	21
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Maliawi	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	25.8	27.2	1·2	24.6	*	25.8	27.2	1·2	24.6	*	25.8	27.2	1·2	24.6	*
		100	—	—	—	—	—	25.5	26.3	1	24.8	*	25.5	26.3	1	24.8	*	25.5	26.3	1	24.8	*
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Shandaweel	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	—	—	—	—	—	32.2	33.2	3	31.5	19,23,30	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	29.2	30.1	3	29.0	*	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

* More than 3 days

TABLE A 7. (*contd.*)— SOIL TEMPERATURES (°C) AT SELECTED DEPTHS AT FIXED HOURS
SEPTEMBER 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	—	—	—	—	—	29.2	34.0	1	26.0	24	54.7	58.5	4	51.0	3	37.1	40.6	1	34.8	15
		10	—	—	—	—	—	30.9	34.8	1	28.7	24	41.3	43.0	1	38.8	20	37.8	40.6	1	36.0	15
		20	—	—	—	—	—	33.6	35.8	1	32.0	27	33.9	36.0	1	32.4	24	34.7	36.6	1	33.4	24
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Aswan . . . (A)	5	27.9	34.0	1	24.8	23	29.6	34.8	1	27.2	*	49.5	51.0	*	45.8	20	34.9	41.6	5	31.8	18-22
		10	33.1	39.0	8	30.8	19	29.7	35.5	1	27.6	21	40.9	42.8	6	38.8	21	38.9	41.4	4	36.9	18
		20	36.5	40.0	1	35.0	22-29	34.3	37.8	1	29.3	25	35.2	40.2	5	33.4	21	37.4	39.4	1	36.1	24
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Western Desert	Siwa	5	28.5	30.4	10,11,22	25.4	28	26.9	29.0	2,11,22	24.0	28	34.6	37.0	2	29.8	24	31.6	34.8	9	28.9	28
		10	29.5	31.6	10	27.0	27-29	27.8	29.4	2	25.3	28	32.6	34.4	2	30.2	27-28	32.2	34.0	*	29.8	28
		20	30.5	32.4	12	26.4	29	29.2	31.0	*	24.8	26	30.7	32.2	11	28.6	27-28	32.0	33.6	2	29.2	27
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bahariya . . .	5	28.5	31.0	1-2	25.0	9	25.4	28.0	2	23.0	9	33.4	36.0	4-9	30.8	29	32.7	35.6	1	30.6	29
		10	30.2	32.4	1	27.9	9	28.0	30.4	2	25.0	9	30.8	32.6	4	28.7	29	32.4	34.2	1	30.4	29
		20	32.2	34.4	1	30.0	30	31.2	33.4	1	28.9	29	31.5	33.4	1	29.2	29	32.5	34.5	4	30.1	29
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Farafra	5	32.3	33.7	2	30.9	30	30.3	31.7	1	29.0	30	36.2	37.8	1	34.0	25	35.2	37.0	1	34.0	28
		10	33.0	34.9	1	31.7	30	31.6	33.7	9	30.3	30	33.5	34.9	1	32.2	30	34.6	36.2	1	36.0	18
		20	33.4	34.8	2-3	32.3	29-30	32.6	34.1	9	31.1	19	32.6	34.8	8	31.1	30	33.5	35.1	1	29.0	26
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

* More than 3 days.

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

SEPTEMBER 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	0	0	1	0	—	—	—	—	0	22	0
	Sidi Barrani	1	0	0	0	0	1	0	0	0	0	0	0	—	—	—	—	0	—	—
	Mersa Matruh (A)	1	0	0	0	0	1	0	0	0	0	0	0	—	—	—	—	0	19	0
	Ras El Hikma	1	0	0	0	0	1	0	0	0	0	0	0	—	—	—	—	0	—	—
	Dabaa	1	0	0	0	0	0	0	0	0	0	0	0	—	—	—	—	0	—	—
	Dekheila (A)	1	0	0	0	0	1	0	0	0	0	0	0	—	—	—	—	0	23	0
	Ras El Teen	2	0	0	0	0	1	1	0	0	0	0	0	—	—	—	—	0	13	0
	Alexandria (A)	1	0	0	0	0	0	0	2	0	0	0	0	—	—	—	—	0	14	0
	Balteam	2	0	0	0	0	1	0	0	0	0	0	1	—	—	—	—	0	—	—
	Damietta	0	0	0	0	0	0	0	0	0	0	1	0	—	—	—	—	0	—	—
	Port Said (A)	0	0	0	0	0	0	2	0	1	0	1	1	—	—	—	—	0	27	0
	El Arish	0	0	0	0	0	0	1	0	0	0	0	0	—	—	—	—	0	16	0
	Ghazza	0	0	0	0	0	0	0	0	0	0	0	0	—	—	—	—	0	17	0
Lower Egypt	El Sirw	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sakha	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Mansoura	0	0	0	0	0	0	0	1	0	0	0	0	—	—	—	—	0	—	—
	Damanhour	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gimmeiza	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Tanta	2	0	0	0	0	0	0	0	0	0	0	0	—	—	—	—	0	—	—
	Tahrir	2	0	0	0	0	0	8	4	0	0	2	1	—	—	—	—	1	—	—
	Shebin El Kom	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Zagazig	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Abu Sueir (A)	0	0	0	0	0	0	19	0	0	0	1	0	—	—	—	—	0	24	0
	Banha	0	0	0	0	0	0	1	3	0	0	2	0	—	—	—	—	0	—	—
	Zaher (A)	0	0	0	0	0	0	6	0	0	0	2	0	—	—	—	—	0	—	—
	Wadi El Natrun	0	0	0	0	0	0	0	0	0	0	1	0	—	—	—	—	0	—	—
	Inshas (A)	0	0	0	0	0	0	15	2	0	0	1	0	—	—	—	—	0	30	0
	Fayed (A)	0	0	0	0	0	0	0	0	0	0	0	0	—	—	—	—	0	—	—
	Kabrit (A)	1	0	0	0	0	0	0	0	0	0	0	0	—	—	—	—	0	—	—
	Delta Barrage	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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

SEBTEMBER 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)			
Cairo Area	Cairo . . . . . (A)	0	0	0	0	0	0	17	3	7	0	2	0	—	—	—	—	0	19	0
	Mostafa Helmi . (A)	1	0	0	0	0	0	24	0	7	0	2	0	—	—	—	—	0	19	0
	Almaza . . . . (A)	0	0	0	0	0	0	14	1	14	0	2	0	—	—	—	—	0	22	0
	Abbasiya . . . (H.Q.)	0	0	0	0	0	0	7	2	3	0	0	0	—	—	—	—	0	23	0
	Imbaba . . . (A)	0	0	0	0	0	0	8	0	0	0	2	0	—	—	—	—	0	—	—
	Giza	0	0	0	0	0	0	5	0	0	0	0	0	—	—	—	—	0	—	—
	Helwan	0	0	0	0	0	0	0	0	0	0	0	0	—	—	—	—	0	30	0
Upper Egypt	Fayoum	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	—	—
	Seds	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Minya . . . . . (A)	0	0	0	0	0	0	0	0	0	0	0	0	—	—	—	—	0	30	0
	Mallawi	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Asyout (Mangabad)(A)	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	0	0	—	—	—	—	0	28	0
	Kom Ombo	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	0	0	—	—	—	—	0	29	0
Western Desert	Siwa	2	0	0	0	0	1	0	0	0	0	0	0	—	—	—	—	0	28	0
	Bahariya	1	0	0	0	0	1	0	0	0	0	1	0	—	—	—	—	0	28	0
	Farafra	0	0	0	0	0	0	0	0	0	0	2	0	—	—	—	—	0	29	0
	Dakhla	0	0	0	0	0	0	0	0	0	0	2	0	—	—	—	—	0	30	0
	Kharga	0	0	0	0	0	0	0	0	0	0	1	0	—	—	—	—	0	30	0
Red Sea	Suez	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Abu Redes	0	0	0	0	0	0	0	0	0	0	1	0	—	—	—	—	0	—	—
	Tor.	0	0	0	0	0	0	0	0	0	0	0	0	—	—	—	—	0	30	0
	Hurghada	0	0	0	0	0	0	0	0	0	0	0	0	—	—	—	—	0	30	0
	Quseir	0	0	0	0	0	0	0	0	10	0	11	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

SEPTEMBER — 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	10	0	18	1—10	117	85	25	15	5	10	23	26	35	7	43	192	583
					11—27	18	13	2	2	0	0	0	3	2	1	4	64	109
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**135**	**98**	**27**	**17**	**5**	**10**	**23**	**29**	**37**	**8**	**47**	**256**	**692**
	Mersa Matruh . . (A)	19	22	1	1—10	124	29	7	8	5	1	9	6	49	82	43	112	475
					11—27	84	2	0	0	0	0	5	2	2	0	5	103	203
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**208**	**31**	**7**	**8**	**5**	**1**	**14**	**8**	**51**	**82**	**48**	**215**	**678**
	Dekheila . . . (A)	1	1	0	1—10	282	152	50	16	11	3	3	4	7	5	9	96	633
					11—27	50	7	8	0	0	0	1	0	0	0	2	12	80
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**332**	**159**	**58**	**16**	**11**	**3**	**4**	**4**	**7**	**5**	**11**	**108**	**718**
	Ras El Tcen	9	0	5	1—10	70	49	13	3	1	3	4	3	1	9	120	308	584
					11—27	30	12	0	0	1	1	0	0	1	1	29	47	122
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**100**	**61**	**13**	**3**	**2**	**4**	**4**	**3**	**2**	**10**	**149**	**355**	**706**
	Alexandria . . . (A)	24	1	0	1—10	153	55	15	5	6	3	4	6	0	3	19	210	479
					11—27	57	15	0	0	0	1	1	2	0	2	6	132	216
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**210**	**70**	**15**	**5**	**6**	**4**	**5**	**8**	**0**	**5**	**25**	**342**	**695**
	Port Said . . . (A)	5	4	0	1—10	212	48	23	14	7	11	0	5	19	40	26	149	554
					11—27	78	32	6	9	0	0	0	0	0	0	0	32	157
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**290**	**80**	**29**	**23**	**7**	**11**	**0**	**5**	**19**	**40**	**26**	**181**	**711**
	El Arish	4	36	6	1—10	189	78	6	4	5	36	58	59	28	6	17	186	672
					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	**189**	**80**	**6**	**4**	**5**	**36**	**58**	**59**	**28**	**6**	**17**	**186**	**674**
	Ghazza	33	35	2	1—10	81	3	19	21	36	142	13	5	13	17	40	69	459
					11—27	88	9	3	0	0	2	0	0	1	5	18	65	191
					28—47	0	0	0	0	0	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**	**12**	**22**	**21**	**36**	**144**	**13**	**5**	**14**	**22**	**58**	**134**	**650**
Lower Egypt	Mansoura	139	8	1	1—10	126	65	6	2	4	5	8	17	34	84	75	112	538
					11—27	9	14	1	0	0	0	0	0	1	1	1	7	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	**135**	**79**	**7**	**2**	**4**	**5**	**8**	**17**	**35**	**85**	**76**	**119**	**572**
	Abu Sueir	127	2	0	1—10	120	92	16	13	6	5	4	1	5	43	55	97	457
					11—27	31	89	8	2	0	0	0	0	0	1	0	3	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	**151**	**181**	**24**	**15**	**6**	**5**	**4**	**1**	**5**	**44**	**55**	**100**	**591**

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

SEPTEMBER — 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	
Lower Egypt	Tanta . . . . . (A)	75	17	0	1—10	88	79	15	2	4	6	2	10	47	57	117	192	619
					11—27	0	4	3	0	0	0	0	1	0	0	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	88	83	18	2	4	6	2	11	47	57	118	192	628
	Zaher . . . . . (A)	22	0	0	1—10	186	4	26	14	6	0	5	12	47	72	78	159	658
					11—27	20	14	3	0	0	1	0	0	0	0	0	2	40
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	201	62	29	14	6	6	5	12	47	72	78	161	698
Cairo Area	Cairo . . . . . (A)	7	19	89	1—10	190	95	31	12	10	0	5	2	2	3	48	139	544
					11—27	19	26	9	0	0	0	0	0	0	1	0	6	61
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	215	121	40	13	10	0	5	2	2	4	48	145	605
	Mostafa Helmi . (A)	0	0	0	1—10	115	95	18	4	6	4	0	0	3	9	19	89	362
					11—27	127	199	6	0	0	0	0	0	3	2	2	19	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	242	294	24	4	6	4	0	0	6	11	21	108	720
	Almaza . . . . (A)	0	7	0	1—10	143	261	163	5	14	6	1	2	1	10	15	35	657
					11—27	1	21	30	4	0	0	0	0	0	0	0	0	56
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	144	283	193	9	14	6	1	2	1	10	15	35	713
	Abbasiya . . . (H.Q.)	24	2	0	1—10	281	135	17	7	6	1	0	0	0	9	28	199	684
					11—27	1	4	5	0	0	0	0	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	283	139	22	7	6	1	0	0	0	9	23	199	694
	Giza	18	11	0	1—10	298	168	21	0	0	0	1	0	0	9	14	163	674
					11—27	3	9	5	0	0	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	301	177	26	0	0	0	1	0	0	9	14	163	691
Upper Egypt	Fayoum	12	13	9	1—10	356	79	5	3	0	1	1	1	0	4	18	217	685
					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	357	79	5	3	0	1	1	1	0	4	18	217	686
	Minya . . . . . (A)	7	11	0	1—10	335	99	3	0	0	1	7	1	0	3	5	94	545
					11—27	105	47	4	0	0	0	0	0	0	0	0	3	157
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	435	146	7	0	0	1	7	1	0	3	5	97	702
	Asyout . . . . . (A)	6	1	0	1—10	7	4	7	3	5	4	0	0	34	249	146	53	512
					11—27	4	0	0	0	0	0	0	0	0	3	89	105	201
					28—47	0	0	0	0	0	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	7	3	5	4	0	0	34	252	235	158	713

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

SEPTEMBER — 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 direction
						345 / 014	013 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	
UPPER EGYPT	Luxor	39	0	0	1—10	70	94	6	4	9	8	11	78	123	59	63	155	680
					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	**70**	**94**	**6**	**5**	**9**	**8**	**11**	**78**	**123**	**59**	**63**	**155**	**681**
	Aswan	0	1	1	1—10	162	138	18	3	3	5	4	6	10	17	52	114	532
					11—27	65	49	0	0	0	0	0	0	0	2	8	62	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	**227**	**187**	**18**	**3**	**3**	**5**	**4**	**6**	**10**	**19**	**60**	**176**	**718**
WESTERN DESERT	Siwa	113	6	2	1—10	86	96	91	41	15	5	1	13	22	33	57	87	547
					11—27	14	13	5	0	0	0	0	0	0	2	3	15	52
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥84	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**100**	**109**	**96**	**41**	**15**	**5**	**1**	**13**	**22**	**35**	**60**	**102**	**599**
	Dakhla	3	3	11	1—10	49	21	11	6	2	8	11	20	18	70	160	203	579
					11—27	27	4	0	0	0	0	0	0	0	0	2	91	124
					28—47	0	0	0	0	0	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**	**25**	**11**	**6**	**2**	**8**	**11**	**20**	**18**	**70**	**162**	**294**	**703**
RED SEA	Hurghada	12	0	0	1—10	23	3	2	2	3	5	1	0	0	22	123	34	218
					11—27	75	0	0	0	0	0	0	0	0	8	97	291	471
					28—47	0	0	0	0	0	0	0	0	0	0	0	19	19
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**98**	**3**	**2**	**2**	**3**	**5**	**1**	**0**	**0**	**30**	**320**	**344**	**708**

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

SALLUM — SEPTEMBER 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	4	2	0	0	0	0	0	1	0	0	0	9	16
				11—27	3	0	0	0	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	7	2	0	0	0	0	0	1	0	0	0	11	21
0300	9	0	0	1—10	4	0	0	0	0	1	0	0	0	2	1	8	16
				11—27	1	0	0	0	0	0	0	1	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	5	0	0	0	0	1	0	1	0	2	2	10	21
0600	5	0	0	1—10	3	0	0	0	0	0	1	0	1	2	1	12	20
				11—27	2	0	0	0	0	0	0	2	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	0	0	0	0	0	1	2	1	2	1	14	25
0900	2	0	0	1—10	7	5	3	4	0	0	0	0	2	0	1	1	23
				11—27	1	1	1	0	0	0	0	0	1	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	6	4	4	0	0	0	0	3	0	1	2	28
1200	0	0	0	1—10	3	2	1	2	0	0	0	0	0	0	0	1	9
				11—27	9	8	1	1	0	0	0	0	1	1	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	10	2	3	0	0	0	0	1	1	0	1	30
1500	0	0	0	1—10	3	3	0	3	0	0	0	0	0	0	0	0	9
				11—27	10	4	4	0	0	0	0	0	1	1	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	7	4	3	0	0	0	0	1	1	0	1	3[illegible]
1800	3	0	0	1—10	11	6	1	1	0	0	0	0	1	0	0	2	22
				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	15	6	1	1	0	0	0	0	1	0	0	3	27
2100	7	0	0	1—10	3	2	1	0	2	0	0	0	0	1	1	8	18
				11—27	3	0	0	0	0	0	0	1	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	2	1	0	2	0	0	1	0	1	1	9	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) — SEPTEMBER 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	2	0	0	1—10	0	1	0	0	0	0	1	1	6	9	0	7	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	0	1	0	0	0	0	1	1	6	9	0	10	28
0400	2	0	0	1—10	0	1	0	0	0	0	1	0	8	7	0	6	23
				11—27	0	0	0	0	0	0	1	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	0	1	0	0	0	0	2	0	8	7	0	10	28
0800	3	0	0	1—10	1	0	0	0	0	0	0	1	2	7	7	4	22
				11—27	0	0	0	0	0	0	1	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	1	0	0	0	0	0	1	1	2	7	5	8	27
0900	0	0	0	1—10	1	1	0	1	0	0	0	0	1	0	1	11	16
				11—27	0	0	0	0	0	0	0	0	1	0	4	9	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	0	1	0	0	0	0	2	0	5	20	30
1200	0	0	0	1—10	0	3	0	1	0	0	0	0	1	0	0	8	13
				11—27	0	0	0	0	0	0	0	0	0	0	0	17	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	0	3	0	1	0	0	0	0	1	0	0	25	30
1500	0	0	0	1—10	0	2	0	1	0	0	0	0	1	0	0	7	11
				11—27	0	1	0	0	0	0	0	0	0	0	1	17	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	3	0	1	0	0	0	0	1	0	1	24	30
1800	0	0	0	1—10	1	2	1	0	0	0	0	0	0	0	2	19	25
				11—27	0	0	0	0	0	0	0	0	0	0	1	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	1	2	1	0	0	0	0	0	0	0	3	23	30
2100	7	0	0	1—10	1	1	0	1	0	0	0	0	0	5	3	9	20
				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	1	0	1	0	0	0	0	0	5	3	12	23

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

DEKHEILA (A) — SEPTEMBER 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	8	8	3	1	0	0	1	0	0	0	0	7	28
				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	9	9	3	1	0	0	1	0	0	0	0	7	30
0300	0	0	0	1—10	6	7	3	0	1	1	0	0	1	0	0	9	28
				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	7	8	3	0	1	1	0	0	1	0	0	9	30
0600	0	0	0	1—10	7	8	2	1	1	0	0	0	1	1	0	7	28
				11—27	0	0	0	0	0	0	0	0	0	0	0	1	1
				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	8	8	2	1	1	0	0	0	1	1	0	8	30
0900	0	0	0	1—10	8	8	3	0	0	0	0	0	0	1	1	8	29
				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	9	8	3	0	0	0	0	0	0	1	1	8	30
1200	0	0	0	1—10	11	5	1	0	0	0	0	0	0	0	0	6	23
				11—27	3	1	0	0	0	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	14	6	1	0	0	0	0	0	0	0	0	9	30
1500	0	0	0	1—10	15	3	2	0	0	0	0	0	0	0	0	1	21
				11—27	7	0	1	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	22	3	3	0	0	0	0	0	0	0	0	2	30
1800	0	0	0	1—10	13	2	4	0	2	0	0	0	0	0	0	5	26
				11—27	3	0	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	16	2	5	0	2	0	0	0	0	0	0	5	30
2100	1	0	0	1—10	7	9	4	1	0	0	1	0	0	0	0	6	28
				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	9	4	1	0	0	1	0	0	0	0	6	29

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

RAS EL TEEN — SEPTEMBER 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	3	0	1	0	1	0	0	0	0	7	14	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	3	0	1	0	1	0	0	0	0	7	17	29
0300	1	0	0	1—10	2	2	0	1	0	0	0	1	0	0	5	14	25
				11—27	1	0	0	0	0	0	0	0	0	0	0	3	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	0	1	0	0	0	1	0	0	5	17	29
0600	1	0	0	1—10	0	1	1	0	1	0	1	0	0	0	5	18	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	1	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	1	1	1	0	1	0	1	0	0	1	5	18	29
0900	1	0	0	1—10	2	1	0	0	0	0	0	1	0	2	7	13	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	1	0	0	0	0	0	1	0	2	7	16	29
1200	0	0	0	1—10	1	1	0	0	0	0	0	0	0	1	11	9	23
				11—27	1	1	0	0	0	0	0	0	0	0	2	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	2	0	0	0	0	0	0	0	1	13	12	30
1500	0	0	0	1—10	0	1	0	0	0	0	0	0	0	0	4	13	18
				11—27	1	1	0	0	0	0	0	0	0	0	2	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	1	2	0	0	0	0	0	0	0	0	6	21	30
1800	1	0	0	1—10	0	4	0	0	0	0	0	0	0	0	4	12	20
				11—27	0	2	0	0	0	0	0	0	0	0	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	0	6	0	0	0	0	0	0	0	0	6	17	29
2100	0	0	0	1—10	1	4	0	1	0	0	0	0	0	1	6	13	26
				11—27	0	1	0	0	0	0	0	0	0	0	0	3	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	5	0	1	0	0	0	0	0	1	6	16	30

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

ALEXANDRIA (A) — SEPTEMBER 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	5	3	1	0	0	1	0	0	0	1	4	10	25
				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	6	3	1	0	0	1	0	0	0	1	4	12	28
0300	5	0	0	1—10	5	4	0	0	0	0	0	1	0	0	4	9	23
				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	6	4	0	0	0	0	0	1	0	0	4	10	25
0600	4	0	0	1—10	5	2	1	0	0	0	1	0	0	0	2	10	21
				11—27	1	0	0	0	0	0	0	0	0	0	1	2	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	7	2	1	0	0	0	1	0	0	0	3	12	26
0900	0	0	0	1—10	3	2	0	0	1	0	0	0	0	1	1	14	22
				11—27	3	0	0	0	0	0	0	1	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	6	2	0	0	1	0	0	0	0	1	2	17	30
1200	0	0	0	1—10	2	0	0	0	0	0	0	0	0	0	0	4	6
				11—27	5	3	0	0	0	0	0	0	1	0	6	9	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	3	0	0	0	0	0	0	1	0	6	13	30
1500	0	0	0	1—10	3	1	0	0	0	0	0	0	0	0	0	3	7
				11—27	7	3	0	0	0	0	0	0	0	0	1	12	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	0	0	0	0	0	0	0	0	1	15	30
1800	0	0	0	1—10	7	4	2	0	0	0	0	0	0	0	0	9	22
				11—27	2	1	0	0	0	0	0	0	0	0	0	5	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	5	2	0	0	0	0	0	0	0	0	14	30
2100	2	0	0	1—10	8	4	0	0	1	0	0	0	0	0	1	12	26
				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	8	4	0	0	1	0	0	0	0	0	1	14	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)—SEPTEMBER 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	1	0	1	1	0	0	0	0	4	4	13	26
				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	3	0	1	1	0	0	0	0	4	4	13	28
0300	2	0	0	1—10	3	2	0	1	1	1	1	0	2	3	1	11	26
				11—27	0	1	1	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	3	1	1	1	1	1	0	2	3	1	11	28
0600	0	0	0	1—10	2	3	4	1	0	2	0	0	4	2	2	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	2	3	4	1	0	2	0	0	4	2	2	10	30
0900	0	0	0	1—10	2	1	3	1	0	0	0	1	2	4	0	14	28
				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	3	1	0	0	0	1	2	4	0	15	30
1200	0	0	0	1—10	1	2	2	0	0	0	0	0	0	1	0	15	21
				11—27	2	1	0	0	0	0	0	0	0	0	0	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	3	2	0	0	0	0	0	0	1	0	21	30
1500	0	0	0	1—10	3	1	0	0	0	0	0	0	0	0	0	11	15
				11—27	3	2	0	1	0	0	0	0	0	0	0	9	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	3	0	1	0	0	0	0	0	0	0	20	30
1800	0	0	0	1—10	3	1	1	0	0	0	0	0	0	0	1	13	19
				11—27	0	3	0	1	0	0	0	0	0	0	0	7	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	4	1	1	0	0	0	0	0	0	1	20	30
2100	0	0	0	1—10	4	1	1	0	0	0	0	0	0	1	1	15	23
				11—27	1	2	0	1	0	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	5	3	1	1	0	0	0	0	0	1	1	18	30

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

EL ARISH — SEPTEMBER 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	3	0	0	1—10	0	3	0	0	1	2	1	10	3	0	0	7	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	3	0	0	1	2	1	10	3	0	0	7	27
0300	4	0	0	1—10	0	3	0	0	0	4	6	8	2	0	0	3	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	0	3	0	0	0	4	6	8	2	0	0	3	26
0600	3	0	0	1—10	1	2	1	0	0	5	4	5	6	1	1	1	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	2	1	0	0	5	4	5	6	1	1	1	27
0900	0	0	0	1—10	3	2	0	0	0	0	0	0	0	0	1	24	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	3	2	0	0	0	0	0	0	0	0	1	24	30
1200	0	0	0	1—10	2	2	0	0	0	0	0	0	0	0	0	26	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	2	0	0	0	0	0	0	0	0	0	26	30
1500	0	0	0	1—10	2	2	1	0	0	0	0	0	0	0	0	25	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	2	1	0	0	0	0	0	0	0	0	25	30
1800	1	0	0	1—10	9	7	0	1	1	0	0	0	0	0	0	11	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	9	7	0	1	1	0	0	0	0	0	0	11	29
2100	7	0	0	1—10	1	5	1	0	0	2	2	0	0	0	1	11	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	1	5	1	0	0	2	2	0	0	0	1	11	23

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

GHAZZA — SEPTEMBER 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	0	0	3	4	16	2	0	0	0	0	0	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	4	0	0	3	4	16	2	0	0	0	0	1	30
0300	0	0	0	1—10	1	0	0	1	4	21	0	0	0	0	0	0	27
				11—27	0	1	0	0	0	2	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	1	1	0	1	4	23	0	0	0	0	0	0	30
0600	1	0	0	1—10	1	0	0	2	2	13	8	0	1	0	0	0	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	2	0	0	2	2	13	9	0	1	0	0	0	29
0900	0	0	0	1—10	1	0	0	0	0	0	0	0	1	5	12	7	26
				11—27	2	0	0	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	3	0	0	0	0	0	0	0	1	6	12	8	30
1200	0	0	0	1—10	1	0	0	0	0	0	0	0	0	0	5	3	9
				11—27	5	0	0	0	0	0	0	0	0	2	5	9	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	0	0	0	0	0	0	0	0	2	10	12	30
1500	0	0	0	1—10	4	0	0	0	0	0	0	0	0	0	0	5	9
				11—27	13	0	0	0	0	0	0	0	0	0	0	8	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	17	0	0	0	0	0	0	0	0	0	6	13	30
1800	0	0	0	1—10	8	0	2	1	0	0	0	0	0	0	0	5	16
				11—27	12	0	1	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	20	0	3	1	0	0	0	0	0	0	0	6	30
2100	0	0	0	1—10	9	2	1	4	4	4	1	0	0	0	0	3	28
				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	9	2	1	4	4	4	1	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.

ABU SUEIR (A) — SEPTEMBER 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	0	0	0	1	0	0	0	0	0	1	4	7	13
				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	1	0	0	0	0	0	1	5	7	14
0300	18	0	0	1—10	1	0	0	0	0	1	0	0	0	4	2	4	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	1	0	0	0	0	1	0	0	0	4	2	4	12
0600	6	0	0	1—10	3	1	1	1	0	1	0	0	0	5	4	8	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	3	1	1	1	0	1	0	0	0	5	4	8	24
0900	7	0	0	1—10	5	9	0	0	0	0	0	1	1	0	2	2	20
				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	5	11	0	1	0	0	0	1	1	0	2	2	23
1200	3	0	0	1—10	3	6	1	0	0	1	0	0	0	1	2	3	17
				11—27	3	6	1	0	0	0	0	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	6	12	2	0	0	1	0	0	0	1	2	3	27
1500	1	0	0	1—10	2	3	0	0	1	0	0	0	0	0	0	2	8
				11—27	5	13	1	0	0	0	0	0	0	0	0	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	7	16	1	0	1	0	0	0	0	0	0	4	29
1800	0	0	0	1—10	4	15	1	1	0	0	0	0	0	0	0	1	22
				11—27	5	1	2	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	9	16	3	1	0	0	0	0	0	0	0	1	30
2100	1	0	0	1—10	3	1	0	1	0	0	0	0	0	0	1	9	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	0	1	0	0	0	0	0	0	1	9	15

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

CAIRO (A) — SEPTEMBER 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	3	0	0	1—10	0	8	3	3	0	0	0	0	0	0	4	9	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	8	3	3	0	0	0	0	0	0	4	9	27
0300	9	0	0	1—10	2	4	2	0	2	0	0	0	0	0	1	10	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	2	4	2	0	2	0	0	0	0	0	1	10	21
0600	4	1	0	1—10	2	8	1	0	1	0	0	1	0	0	1	10	24
				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	2	8	2	0	1	0	0	1	0	0	1	10	25
0900	2	0	0	1—10	1	2	0	0	0	0	0	1	0	1	2	17	24
				11—27	0	2	1	0	0	0	0	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	1	4	1	0	0	0	0	1	0	2	2	17	28
1200	0	0	0	1—10	1	0	0	0	0	0	0	0	0	2	4	17	24
				11—27	3	0	0	0	0	0	0	0	0	0	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	4	0	0	0	0	0	0	0	0	2	4	20	30
1500	3	0	0	1—10	0	0	0	1	0	0	0	0	0	0	3	17	21
				11—27	1	2	0	0	0	0	0	0	0	0	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	1	2	0	1	0	0	0	0	0	0	3	20	27
1800	2	0	0	1—10	1	1	1	0	0	0	0	0	0	0	0	11	14
				11—27	1	10	0	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	2	11	1	0	0	0	0	0	0	0	0	14	28
2100	1	0	0	1—10	4	14	2	0	0	0	0	0	0	0	0	7	27
				11—27	0	0	1	1	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	14	3	1	0	0	0	0	0	0	0	7	29

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

MOSTAFA HELMI (A) — SEPTEMBER 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	10	2	0	0	2	0	0	0	0	0	0	12	26
				11—27	0	1	0	0	0	0	0	0	0	0	0	3	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**	**3**	**0**	**0**	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**15**	**30**
0300	1	0	0	1—10	5	2	0	1	1	0	0	0	0	0	2	13	24
				11—27	0	1	1	0	0	0	0	0	0	0	0	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**	**3**	**1**	**1**	**1**	**0**	**0**	**0**	**0**	**0**	**2**	**16**	**29**
0600	0	0	0	1—10	4	4	0	0	0	0	0	0	1	1	0	8	18
				11—27	1	5	1	0	0	0	0	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	**5**	**9**	**1**	**0**	**0**	**0**	**0**	**0**	**1**	**2**	**0**	**12**	**30**
0900	1	0	0	1—10	6	4	0	0	0	0	0	0	0	0	0	7	17
				11—27	0	6	1	0	0	0	0	0	0	0	0	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**	**10**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**12**	**29**
1200	0	0	0	1—10	1	5	0	0	0	0	0	2	0	1	0	1	10
				11—27	5	4	3	0	0	0	0	0	0	0	2	6	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**	**9**	**3**	**0**	**0**	**0**	**0**	**2**	**0**	**1**	**2**	**7**	**36**
1500	0	0	0	1—10	0	2	1	1	0	0	0	0	0	0	0	1	5
				11—27	8	13	0	0	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	**8**	**15**	**1**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**5**	**30**
1800	0	0	0	1—10	15	2	0	0	0	0	0	0	0	0	0	0	17
				11—27	0	3	3	0	0	0	0	0	0	0	0	7	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**	**5**	**3**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**7**	**30**
2100	0	0	0	1—10	5	3	1	0	0	0	0	0	0	0	0	7	16
				11—27	1	6	2	0	0	0	0	0	0	0	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	**6**	**9**	**3**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**12**	**30**

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

ALMAZA (A) — SEPTEMBER 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	3	17	3	0	4	0	0	0	0	0	0	2	29
				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	3	17	3	1	4	0	0	0	0	0	0	2	30
0300	1	0	0	1—10	4	12	7	1	3	2	0	0	0	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	4	12	7	1	3	2	0	0	0	0	0	0	29
0600	0	0	0	1—10	1	19	4	0	0	0	0	0	2	3	0	0	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	1	19	5	0	0	0	0	0	2	3	0	0	30
0900	0	0	0	1—10	2	12	2	0	0	0	0	0	0	1	3	6	26
				11—27	0	1	3	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	2	13	5	0	0	0	0	0	0	1	3	6	30
1200	0	0	0	1—10	10	9	0	0	0	1	0	0	1	1	2	2	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	10	12	1	0	0	1	0	0	1	1	2	2	30
1500	1	0	0	1—10	10	8	1	0	1	0	0	0	0	0	0	2	22
				11—27	2	3	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	12	11	3	0	1	0	0	0	0	0	0	2	29
1800	1	0	0	1—10	1	17	6	0	0	0	0	0	0	0	0	0	24
				11—27	0	2	3	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	1	19	9	0	0	0	0	0	0	0	0	0	29
2100	0	0	0	1—10	1	19	7	2	0	0	0	0	0	0	0	0	29
				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	19	7	3	0	0	0	0	0	0	0	0	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)—SEPTEMBER 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	11	1	2	0	1	0	0	0	0	0	1	3	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	11	1	2	0	1	0	0	0	0	0	1	3	19
0300	15	0	0	1—10	5	1	0	1	0	0	0	0	0	0	1	7	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	5	1	0	1	0	0	0	0	0	0	1	7	15
0600	4	0	0	1—10	14	4	0	0	0	0	0	0	0	0	1	6	25
				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	14	4	1	0	0	0	0	0	0	0	1	6	26
0900	0	0	0	1—10	7	8	1	0	0	0	0	0	0	2	3	8	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	7	8	2	0	0	0	0	0	0	2	3	8	30
1200	0	0	0	1—10	17	2	0	0	0	0	0	0	0	1	3	6	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	17	3	0	0	0	0	0	0	0	1	3	6	30
1500	0	0	0	1—10	23	1	0	1	0	0	0	0	0	0	0	4	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	23	2	0	1	0	0	0	0	0	0	0	4	30
1800	0	0	0	1—10	17	10	1	0	0	0	0	0	0	0	0	2	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	17	10	1	0	0	0	0	0	0	0	0	2	30
2100	2	0	0	1—10	17	5	1	0	0	0	0	0	0	0	0	5	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	17	5	1	0	0	0	0	0	0	0	0	5	28

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

GIZA — SEPTEMBER 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	2	0	0	1–10	11	6	2	0	0	0	0	0	1	0	0	8	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	11	6	2	0	0	0	0	0	1	0	0	8	28
0900	0	0	0	1–10	9	7	2	0	0	0	0	0	0	1	2	7	28
				11–27	0	1	1	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	8	3	0	0	0	0	0	0	1	2	7	30
1200	0	0	0	1–10	8	6	3	1	0	0	0	0	1	1	1	7	28
				11–27	0	1	1	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	7	4	1	0	0	0	0	1	1	1	7	30
1500	0	0	0	1–10	10	11	1	0	0	0	0	0	0	0	0	7	29
				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	11	11	1	0	0	0	0	0	0	0	0	7	30
1800	0	0	0	1–10	11	15	0	0	0	0	0	0	0	0	0	2	28
				11–27	0	1	1	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	11	16	1	0	0	0	0	0	0	0	0	2	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 — SEPTEMBER 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	5	0	0	0	0	0	0	0	0	0	12	20
				11—27	2	4	0	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	5	9	0	0	0	0	0	0	0	0	0	15	29
0300	5	0	0	1—10	3	3	0	0	0	0	0	0	0	0	0	13	19
				11—27	1	1	1	0	0	0	0	0	0	0	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	4	4	1	0	0	0	0	0	0	0	0	16	25
0600	5	0	0	1—10	5	2	0	0	0	0	0	0	0	0	0	13	20
				11—27	1	2	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	6	4	1	0	0	0	0	0	0	0	0	14	25
0900	0	0	0	1—10	2	3	0	0	0	0	0	0	0	0	0	19	24
				11—27	1	3	0	0	0	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 speeds	3	6	0	0	0	0	0	0	0	0	0	21	30
1200	0	0	0	1—10	1	2	0	0	0	0	0	0	0	0	2	18	23
				11—27	1	2	0	0	0	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	2	4	0	0	0	0	0	0	0	0	2	22	30
1500	0	0	0	1—10	2	0	1	0	0	0	0	0	0	0	1	16	20
				11—27	0	2	0	0	0	0	0	0	0	0	0	8	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	2	1	0	0	0	0	0	0	0	1	24	30
1800	0	0	0	1—10	1	1	0	0	0	0	0	0	0	0	1	7	10
				11—27	1	4	0	0	0	0	0	0	0	0	0	14	19
				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	5	0	0	0	0	0	0	0	0	1	22	30
2100	0	0	0	1—10	1	2	0	0	0	0	0	0	0	0	0	9	12
				11—27	2	5	0	0	1	0	0	0	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	3	7	0	0	1	0	0	0	0	0	0	19	30

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

MINYA (A) — SEPTEMBER 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	18	0	0	0	0	0	0	0	0	0	0	7	25
				11—27	0	2	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	18	2	0	0	0	0	0	0	0	0	0	8	28
0300	3	0	0	1—10	14	0	0	0	0	0	0	0	0	0	0	12	26
				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	14	0	1	0	0	0	0	0	0	0	0	12	27
0600	1	0	0	1—10	3	11	0	0	0	0	1	0	0	0	0	4	19
				11—27	0	9	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	3	20	0	0	0	0	1	0	0	0	0	5	29
0900	0	0	0	1—10	5	6	0	0	0	1	0	0	0	0	0	7	19
				11—27	6	3	0	0	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	11	9	0	0	0	1	0	0	0	0	0	9	30
1200	0	0	0	1—10	4	6	0	1	0	0	0	0	1	0	0	3	15
				11—27	8	6	0	0	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	12	12	0	1	0	0	0	0	1	0	0	4	30
1500	1	0	0	1—10	8	17	1	0	0	0	0	0	0	0	0	1	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	10	17	1	0	0	0	0	0	0	0	0	1	29
1800	9	0	0	1—10	16	1	0	0	0	0	0	0	0	0	1	2	20
				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	17	1	0	0	0	0	0	0	0	0	1	2	21
2100	2	0	0	1—10	22	0	0	0	0	0	0	0	0	1	1	1	25
				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	23	2	0	0	0	0	0	0	0	1	1	1	28

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

ASYOUT (A) — SEPTEMBER 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	1	20	0	6	28
				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	0	0	0	1	0	0	0	1	22	0	6	30
0300	0	0	0	1—10	0	0	0	0	1	1	0	0	0	23	3	2	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	0	0	0	0	1	1	0	0	0	23	3	2	30
0600	2	0	0	1—10	0	0	0	1	0	0	0	0	0	3	15	5	24
				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	1	0	0	0	0	0	3	17	7	28
0900	0	0	0	1—10	0	0	1	0	0	0	0	0	0	0	3	5	9
				11—27	0	0	0	0	0	0	0	0	0	0	4	17	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	1	0	0	0	0	0	0	0	7	22	30
1200	0	0	0	1—10	0	0	1	0	0	0	0	0	0	0	3	2	6
				11—27	0	0	0	0	0	0	0	0	0	0	6	18	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	0	0	1	0	0	0	0	0	0	0	9	20	30
1500	1	0	0	1—10	0	0	0	0	0	0	0	0	0	0	2	6	8
				11—27	0	0	0	0	0	0	0	0	0	0	5	16	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	0	0	0	0	7	22	29
1800	4	0	0	1—10	0	0	0	0	0	0	0	0	1	5	14	5	25
				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	1	5	15	5	26
2100	2	0	0	1—10	0	0	0	0	0	0	0	0	2	17	6	1	26
				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	0	0	0	0	0	0	0	2	17	6	3	28

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

LUXOR (A) — SEPTEMBER 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	7	11	4	0	0	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	0	0	0	0	0	0	0	7	11	4	0	0	22
0300	15	0	0	1—10	0	0	0	0	0	0	1	2	9	3	0	0	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	0	0	0	0	0	0	1	2	9	3	0	0	15
0600	14	0	0	1—10	0	2	0	1	0	0	0	1	1	4	5	2	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	0	1	0	0	0	1	1	4	5	2	16
0900	1	0	0	1—10	4	8	0	0	0	0	0	0	0	1	2	14	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	4	8	0	0	0	0	0	0	0	1	2	14	29
1200	1	0	0	1—10	3	9	0	0	0	0	0	0	0	0	1	16	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	9	0	0	0	0	0	0	0	0	1	16	29
1500	4	0	0	1—10	0	2	0	0	0	0	0	0	0	2	5	17	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	0	2	0	0	0	0	0	0	0	2	5	17	26
1800	10	0	0	1—10	0	0	0	0	0	0	0	0	2	0	9	8	19
				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	0	0	0	0	0	0	2	0	9	9	20
2100	8	0	0	1—10	1	0	0	0	1	2	1	5	4	2	2	4	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	1	0	0	0	1	2	1	5	4	2	2	4	22

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

ASWAN (A) — SEPTEMBER 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	3	4	0	0	0	0	0	0	0	0	2	9	18
				11—27	2	0	0	0	0	0	0	0	0	0	0	10	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	4	0	0	0	0	0	0	0	0	2	19	30
0300	1	0	0	1—10	3	5	0	0	0	0	0	0	0	0	3	14	25
				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	5	5	0	0	0	0	0	0	0	0	3	16	29
0600	2	0	0	1—10	2	6	2	1	0	0	0	2	0	0	0	9	22
				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	3	10	2	1	0	0	0	2	0	0	0	10	28
0900	2	0	0	1—10	3	7	1	1	0	0	0	2	0	0	1	4	19
				11—27	1	5	0	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	4	12	1	1	0	0	0	2	0	0	1	7	28
1200	1	0	0	1—10	1	4	0	2	0	0	2	1	0	1	2	5	18
				11—27	0	2	1	0	0	0	0	0	0	1	2	5	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	6	1	2	0	0	2	1	0	2	4	10	29
1500	1	0	0	1—10	1	2	1	0	0	0	0	0	1	0	4	8	17
				11—27	2	1	0	0	0	0	0	0	0	0	2	7	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	0	0	0	0	0	1	0	6	15	29
1800	1	0	0	1—10	1	2	0	0	0	0	0	0	0	1	2	5	11
				11—27	0	1	0	0	0	0	0	0	0	0	1	16	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	1	3	0	0	0	0	0	0	0	1	3	21	29
2100	0	0	0	1—10	0	3	0	0	0	0	0	1	0	1	0	8	13
				11—27	1	1	0	0	0	0	0	0	0	0	1	14	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	4	0	0	0	0	0	1	0	1	1	22	30

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

SIWA — SEPTEMBER 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	1	2	6	3	2	0	0	0	0	0	0	1	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	1	2	6	3	2	0	0	0	0	0	0	1	15
0300	24	0	0	1—10	0	0	1	1	0	0	0	0	0	1	1	2	6
				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	1	0	0	0	0	0	1	1	2	6
0600	18	0	0	1—10	3	5	2	0	0	0	0	0	0	0	0	2	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	3	5	2	0	0	0	0	0	0	0	0	2	12
0900	2	0	0	1—10	1	4	4	1	1	1	0	0	4	2	5	5	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	4	4	1	1	1	0	0	4	2	5	5	28
1200	0	0	0	1—10	2	2	2	0	0	0	0	0	1	3	5	8	23
				11—27	0	0	0	0	0	0	0	0	0	1	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	2	2	0	0	0	0	0	1	4	6	13	30
1500	1	0	0	1—10	0	3	1	1	0	0	0	0	0	1	3	10	19
				11—27	0	1	0	0	0	0	0	0	0	1	0	8	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	4	1	1	0	0	0	0	0	2	3	18	29
1800	8	0	0	1—10	2	1	2	0	0	0	0	1	0	0	5	9	20
				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	2	2	2	0	0	0	0	1	0	0	5	10	22
2100	4	0	0	1—10	1	4	11	1	0	0	0	0	1	0	0	1	19
				11—27	0	3	4	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	1	7	15	1	0	0	0	0	1	0	0	1	26

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

BAHARIYA — SEPTEMBER 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	4	4	0	0	0	0	0	0	0	0	0	10	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	4	4	0	0	0	0	0	0	0	0	0	10	18
0300	18	0	0	1—10	1	2	0	1	0	0	0	0	0	1	0	7	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	1	2	0	1	0	0	0	0	0	1	0	7	12
0600	7	0	0	1—10	3	7	2	0	0	0	0	1	0	0	0	10	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	7	2	0	0	0	0	1	0	0	0	10	23
0900	2	0	0	1—10	2	6	2	1	0	1	0	0	0	0	0	13	25
				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	2	7	2	1	0	1	0	0	0	0	0	15	28
1200	0	0	0	1—10	2	3	0	0	0	0	0	0	0	1	2	12	20
				11—27	1	3	0	0	0	0	0	0	0	0	1	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	3	6	0	0	0	0	0	0	0	1	3	17	30
1500	0	0	0	1—10	2	4	1	0	0	0	0	0	0	0	0	13	20
				11—27	2	1	0	0	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	4	5	1	0	0	0	0	0	0	0	0	20	30
1800	1	0	0	1—10	4	2	0	0	0	0	0	0	0	0	0	17	23
				11—27	1	3	0	0	0	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 speeds	5	5	0	0	0	0	0	0	0	0	0	19	29
2100	3	0	0	1—10	2	7	2	0	0	0	0	0	0	0	0	13	24
				11—27	0	2	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	9	2	0	0	0	0	0	0	0	0	14	27

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

FARAFRA — SEPTEMBER 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	2	0	0	0	0	1	0	0	0	0	16	20
				11—27	1	0	0	0	0	0	0	0	0	0	0	3	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	2	0	0	0	0	1	0	0	0	0	19	24
0300	15	0	0	1—10	2	2	0	0	0	0	1	0	0	0	0	10	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	2	2	0	0	0	0	1	0	0	0	0	11	15
0600	17	0	0	1—10	2	0	0	1	0	0	0	0	0	0	0	4	7
				11—27	2	0	0	0	0	0	0	0	0	0	0	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	0	0	1	0	0	0	0	0	0	0	8	13
0900	2	0	0	1—10	2	7	0	0	0	0	0	0	0	0	0	11	20
				11—27	3	1	0	1	0	0	0	0	0	0	0	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	5	8	0	1	0	0	0	0	0	0	0	14	28
1200	1	0	0	1—10	2	0	0	1	0	0	0	0	0	0	1	18	22
				11—27	2	1	0	0	0	0	0	0	0	0	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	4	1	0	1	0	0	0	0	0	0	2	21	29
1500	0	0	0	1—10	0	1	0	0	1	0	0	0	0	0	1	13	16
				11—27	0	1	0	0	0	0	0	0	0	0	0	13	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	0	0	1	0	0	0	0	0	1	26	30
1800	1	0	0	1—10	1	1	0	0	0	0	0	0	0	1	0	24	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	1	1	0	0	0	0	0	0	0	1	0	26	29
2100	3	0	0	1—10	2	1	0	0	0	0	0	0	1	0	0	16	20
				11—27	0	0	0	0	0	0	0	0	0	0	0	7	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	0	0	0	0	0	1	0	0	23	27

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

DAKHLA — SEPTEMBER 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	1	0	0	0	1	2	1	2	5	13	3	28
				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	1	0	0	0	1	2	1	2	5	13	5	30
0300	3	0	0	1—10	0	0	1	1	1	0	2	0	3	10	6	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	1	1	1	0	2	0	3	10	6	3	27
0600	1	0	0	1—10	0	1	0	1	0	1	1	1	2	8	6	6	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	0	1	0	1	0	1	1	1	2	8	6	8	29
0900	0	0	0	1—10	0	3	0	0	1	0	0	0	0	0	4	10	18
				11—27	1	0	0	0	0	0	0	0	0	0	1	10	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	0	0	1	0	0	0	0	0	5	20	30
1200	0	0	0	1—10	0	0	0	1	1	0	0	0	0	0	1	13	16
				11—27	0	0	0	0	0	0	0	0	0	0	2	12	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	0	0	0	0	0	3	25	30
1500	0	0	0	1—10	1	0	0	0	0	0	0	0	0	0	2	13	16
				11—27	0	0	0	0	0	0	0	0	0	0	1	13	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	0	0	0	0	3	26	30
1800	1	0	0	1—10	1	0	1	0	0	0	0	0	0	1	7	19	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	0	1	0	0	0	0	0	0	1	7	19	29
2100	0	0	0	1—10	0	0	0	0	0	0	0	1	1	5	14	6	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	0	1	0	0	0	0	0	1	1	5	14	8	30

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

KHARGA — SEPTEMBER 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	23	0	0	1—10	0	0	0	0	0	0	0	0	0	0	0	5	5
				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	0	0	0	0	0	0	0	0	0	0	7	7
0300	24	0	0	1—10	0	0	0	0	0	0	0	0	0	0	0	4	4
				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	0	0	0	0	0	0	0	0	0	0	6	6
0600	17	0	0	1—10	3	0	0	0	0	0	0	0	0	0	0	10	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	3	0	0	0	0	0	0	0	0	0	0	10	13
0900	3	0	0	1—10	1	2	0	0	0	0	1	0	0	0	1	11	16
				11—27	3	1	0	0	0	0	0	0	0	0	0	7	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	3	0	0	0	0	1	0	0	0	1	18	27
1200	2	0	0	1—10	2	2	0	0	0	0	0	0	0	0	0	15	19
				11—27	2	0	0	0	0	0	0	0	0	0	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	4	2	0	0	0	0	0	0	0	0	0	22	28
1500	2	0	0	1—10	0	1	0	0	0	0	0	0	0	0	0	19	20
				11—27	2	2	0	0	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	2	3	0	0	0	0	0	0	0	0	0	23	28
1800	17	0	0	1—10	1	0	0	0	0	0	0	0	0	0	0	12	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 sppeds	1	0	0	0	0	0	0	0	0	0	0	12	13
2100	26	0	0	1—10	0	0	0	0	0	0	0	0	0	0	0	3	3
				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	0	0	0	0	0	0	0	0	0	4	4

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

TOR — SEPTEMBER 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	0	0	0	1	7	1	9
				11—27	0	0	0	0	0	0	0	0	0	0	10	5	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	0	0	0	0	0	0	0	0	1	17	6	24
0300	11	0	0	1—10	0	0	0	0	0	0	0	0	0	0	5	6	11
				11—27	0	0	0	0	0	0	0	0	0	1	4	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	0	0	0	0	0	0	0	0	0	1	9	9	19
0600	4	0	0	1—10	2	0	0	0	0	1	0	0	0	1	17	1	22
				11—27	0	0	0	0	0	0	0	0	0	0	3	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	0	0	0	1	20	2	26
0900	0	0	0	1—10	0	0	0	0	0	0	0	0	0	1	11	0	12
				11—27	0	0	0	0	0	0	0	0	0	0	18	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	0	0	0	1	29	0	30
1200	0	0	0	1—10	0	0	0	0	0	0	1	0	0	2	4	0	7
				11—27	0	0	0	0	0	0	0	0	0	2	19	2	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	0	0	0	0	0	0	1	0	0	4	23	2	30
1500	1	0	0	1—10	0	0	0	0	0	1	0	0	0	3	12	1	17
				11—27	0	0	0	0	0	0	0	0	0	0	12	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	0	0	0	0	1	0	0	0	3	24	1	29
1800	4	0	0	1—10	0	0	0	0	0	1	0	0	0	3	13	4	21
				11—27	0	0	0	0	0	0	0	0	0	0	4	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	0	0	0	0	0	1	0	0	0	3	17	5	26
2100	9	0	0	1—10	0	0	0	0	0	0	0	0	0	1	8	3	12
				11—27	0	0	0	0	0	0	0	0	0	1	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 speeds	0	0	0	0	0	0	0	0	0	2	14	5	21

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

HURGHADA — SEPTEMBER 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	0	1	16	3	20
				11—27	0	0	0	0	0	0	0	0	0	0	4	6	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	0	0	0	0	0	0	1	20	9	30
0300	1	0	0	1—10	0	0	0	0	0	0	0	0	0	0	8	2	10
				11—27	1	0	0	0	0	0	0	0	0	0	3	15	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	1	0	0	0	0	0	0	0	0	0	11	17	29
0600	1	0	0	1—10	0	0	0	0	0	0	0	0	0	0	3	1	4
				11—27	0	0	0	0	0	0	0	0	0	0	2	22	24
				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	0	0	0	5	24	29
0900	1	0	0	1—10	0	1	0	0	0	0	0	0	0	0	0	1	2
				11—27	0	0	0	0	0	0	0	0	0	0	0	27	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	0	1	0	0	0	0	0	0	0	0	0	28	29
1200	5	0	0	1—10	1	1	0	1	0	0	0	0	0	0	0	0	3
				11—27	1	0	0	0	0	0	0	0	0	0	0	21	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	2	1	0	1	0	0	0	0	0	0	0	21	25
1500	3	0	0	1—10	0	0	0	0	0	1	0	0	0	0	0	8	9
				11—27	0	0	0	0	0	0	0	0	0	0	0	18	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	1	0	0	0	0	0	26	27
1800	3	0	0	1—10	0	0	0	0	0	1	0	0	0	0	1	1	3
				11—27	0	0	0	0	0	0	0	0	0	0	13	11	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	0	0	0	0	0	1	0	0	0	0	14	12	27
2100	6	0	0	1—10	0	0	0	0	0	0	0	0	0	4	12	0	16
				11—27	0	0	0	0	0	0	0	0	0	5	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	0	0	0	0	0	0	0	0	0	9	14	1	24

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

QUSEIR — SEPTEMBER 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	0	0	0	0	0	0	9	4	4	18
				11—27	0	0	0	0	0	0	0	0	0	1	0	6	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	0	0	0	10	4	10	25
0300	2	0	0	1—10	1	0	0	0	0	0	0	0	0	6	6	4	17
				11—27	0	0	0	0	0	0	0	0	0	0	1	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	1	0	0	0	0	0	0	0	0	6	7	14	28
0600	0	0	0	1—10	0	0	0	0	0	0	0	0	0	1	1	2	4
				11—27	3	0	0	0	0	0	0	0	0	1	0	22	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	3	0	0	0	0	0	0	0	0	2	1	24	30
0900	0	0	0	1—10	0	0	0	0	0	0	0	0	0	0	0	0	0
				11—27	22	1	0	0	0	0	0	0	0	0	0	7	30
				28—47	0	0	0	0	0	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	0	0	0	7	30
1200	0	0	0	1—10	1	0	1	0	0	0	0	0	0	0	0	1	3
				11—27	22	1	0	0	0	0	0	0	0	0	0	4	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	23	1	1	0	0	0	0	0	0	0	0	5	30
1500	3	0	0	1—10	8	0	0	1	0	0	0	0	0	0	2	8	19
				11—27	3	0	0	0	0	0	0	0	0	0	0	5	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	0	0	1	0	0	0	0	0	0	2	13	27
1800	15	0	0	1—10	0	0	0	0	0	0	0	0	0	1	6	5	12
				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	0	0	1	6	8	15
2100	13	0	0	1—10	0	0	0	0	0	0	0	0	0	3	4	5	12
				11—27	0	1	0	0	0	0	0	0	0	1	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	0	1	0	0	0	0	0	0	0	4	5	7	17

TABLE B 1.—UPPER AIR CLIMATOLOGICAL DATA

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

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	1009mb.	1014mb.	1006mb.	30	23.3	26.5	19.8	30	19.2
1000	30	126	163	95	30	22.8	25.7	19.5	30	18.9
850	30	1528	1566	1503	30	17.3	23.1	12.5	25	2.4
700	30	3158	3206	3105	30	8.8	12.4	3.4	8	— 5.6
600	30	4414	4462	4337	30	1.0	4.4	— 5.2	6	—10.0
500	30	5854	5918	5748	30	— 8.6	— 5.0	—14.2	4	—20.8
400	30	7546	7630	7405	30	—20.6	—17.6	—26.3	3	—30.6
300	30	9619	9718	9410	30	—33.7	—26.8	—43.0	—	—
200	30	12352	12476	12084	30	—51.4	—48.4	—56.4	—	—
150	30	14178	14310	13931	30	—61.7	—56.3	—65.1	—	—
100	26	16626	16745	16460	26	—69.2	—59.6	—75.6	—	—
60	13	19726	19842	19653	13	—62.2	—56.3	—69.0	—	—
40	12	22276	22404	22195	12	—56.2	—54.0	—64.0	—	—
30	12	24117	24264	23975	12	—52.7	—49.7	—59.4	—	—
20	8	26721	26810	26555	8	—47.7	—43.0	—52.7	—	—
10	3	31240	31391	31150	3	—42.2	—41.2	—43.6	—	—

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

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

TABLE B 1.—UPPER AIR CLIMATOLOGICAL DATA

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

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	1010mb.	1015mb.	1006mb.	30	27.3	32.0	24.9	30	19.1
1000	30	130	173	96	30	26.4	30.4	24.4	30	18.3
850	30	1542	1596	1505	30	17.9	21.7	12.5	28	1.6
700	30	3173	3240	3115	30	9.3	12.5	2.6	11	— 7.1
600	30	4433	4490	4349	30	1.7	5.2	— 3.7	7	—14.0
500	30	5875	5941	5831	30	— 8.1	— 5.2	—13.6	5	—21.8
400	30	7571	7651	7424	30	—20.1	—16.2	—24.8	3	—32.3
300	29	9655	9745	9482	29	—33.1	—28.1	—40.9	—	—
200	28	12395	12512	12129	28	—50.8	—47.6	—57.8	—	—
150	28	14225	14362	13982	28	—60.9	—56.4	—63.9	—	—
100	26	16700	16820	16554	26	—69.8	—62.2	—73.3	—	—
60	18	19801	19884	19640	18	—60.5	—57.4	—65.2	—	—
40	15	22388	22470	22320	15	—53.2	—51.0	—55.6	—	—
30	14	24258	24353	24139	14	—49.4	—46.0	—51.6	—	—
20	6	26954	27045	26864	6	—45.4	—44.6	—46.7	—	—
10	1	31670	—	—	1	—37.7	—	—	—	—

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

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

Note : Climatological upper air data for Helwan are missing since number of days of radiosonde observation at the station are less than the permissible number needed for calculating or processing monthly values.

TABLE B 1.—UPPER AIR CLIMATOLOGICAL DATA

ASWAN (A) — 0000 U.T. — SEPTEMBER 1962

Pressure surface (millibar)	Altitude of pressure surfaces (gpm.)				Temperature (°C)				Dew point (C°)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
Surface of station . .	29	* 985mb.	* 987mb.	* 982mb.	29	25.9	31.4	22.2	29	3.2
1000	—	—	—	—	—	—	—	—	—	—
850	29	1490	1517	1469	29	24.2	30.6	17.2	17	— 2.4
700	29	3153	3191	3102	29	13.0	17.8	8.2	10	— 8.9
600	29	4425	4487	4362	29	3.1	9.0	— 2.4	12	—13.7
500	29	5879	5976	5813	29	— 5.0	2.3	— 8.7	5	—21.0
400	29	7603	7733	7516	29	—15.3	— 6.6	—19.6	—	—
300	29	9715	9919	9612	29	—29.7	—19.1	—36.1	—	—
200	29	12486	12822	12327	29	—49.4	—35.3	—54.5	—	—
150	29	14313	14761	14122	29	—62.7	—48.1	—67.0	—	—
100	29	16737	17366	16516	29	—74.8	—59.0	—81.7	—	—
60	20	19749	20526	19513	20	—63.7	—59.7	—65.8	—	—
40	15	22247	22713	22104	15	—57.9	—55.7	—63.5	—	—
30	10	24111	24557	23966	10	—60.8	—45.2	—62.8	—	—
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. — SEPTEMBER 1962

Pressure surface (millibar)	Altitude of pressure surfaces (gpm.)				Temperature (°C)				Dew point (°C)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
Surface of station . .	29	* 985mb.	* 988mb.	* 982mb.	29	38.4	41.8	32.8	29	0.5
1000	—	—	—	—	—	—	—	—	—	—
850	29	1510	1547	1481	29	25.3	30.2	19.9	11	— 4.0
700	29	3177	3211	3127	29	14.0	18.8	10.7	7	—10.5
600	29	4453	4501	4401	29	3.8	8.8	—0.2	7	—14.4
500	29	5908	5980	5850	29	— 5.2	2.4	— 7.8	1	—21.4
400	29	7633	7751	7556	29	—15.2	— 6.9	—19.2	—	—
300	29	9744	9946	9622	39	—29.6	—19.0	—34.2	—	—
200	29	12519	12859	12405	29	—50.0	—35.5	—54.0	—	—
150	28	14347	14817	14213	28	—62.9	—46.3	—65.8	—	—
100	26	16773	17455	16609	26	—75.0	—55.8	—79.7	—	—
60	20	19839	20698	19657	20	—61.0	—53.9	—66.4	—	—
40	8	22456	23347	22207	8	—52.6	—46.0	—59.6	—	—
30	1	24217	—	—	1	—54.8	—	—	—	—
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. — SEPTEMBER 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)	4581 (30)	588 (30)	— 9.2 (6)	5100	554	—	3660	654	— 4.0	13309 (28)	176 (28)	—58.6 (28)	15560	121	—69.5	10280	272	—44.5	16800	94	230	123
Helwan	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Aswan . . . (A)	4922 (29)	565 (29)	—14.4 (7)	6370	474	—	4190	619	—15.5	16206 (26)	112 (26)	—71.8 (26)	18300	086	—72.4	13140	179	—56.3	13600	165	220	130

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. — SEPTEMBER 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)	4694 (30)	581 (30)	—14.1 (7)	5330	538	—	3800	642	—	13066 (28)	184 (28)	—56.8 (28)	16100	113	—71.4	9740	295	—38.3	14400	144	250	87
Helwan																						
Aswan . . . (A)	5005 (29)	560 (29)	—17.4 (8)	6400	472	—	4460	602	—14.4	16480 (25)	107 (25)	—74.0 (25)	19160	065	—65.7	14530	143	—68.0	11900	216	210	99

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. — SEPTEMBER 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	1	9	0	—	0	—	0	—	0	—	1	4	1	4	6	4	9	6	0	—	5	7	2	30	6
1000	5	10	1	9	0	—	0	—	0	—	0	—	1	4	1	4	6	4	9	6	0	—	5	7	2	30	6
850	7	14	4	11	1	20	0	—	0	—	2	9	0	—	1	6	3	13	0	—	4	9	8	12	0	30	12
700	3	10	2	18	1	21	0	—	0	—	0	—	0	—	2	25	2	17	8	14	7	11	5	9	0	30	13
600	1	7	3	14	0	—	0	—	0	—	0	—	0	—	3	27	5	23	7	15	8	11	3	10	0	30	16
500	1	11	0	—	1	14	0	—	0	—	0	—	0	—	4	30	10	25	7	11	5	18	2	12	0	30	19
400	0	—	1	26	0	—	0	—	0	—	0	—	0	—	5	33	12	29	7	21	1	31	4	22	0	30	27
300	0	—	0	—	0	—	0	—	0	—	0	—	0	—	4	42	14	35	6	27	3	39	2	14	0	29	33
200	0	—	0	—	0	—	0	—	0	—	0	—	0	—	6	45	11	37	7	33	2	21	0	—	0	26	36
150	0	—	0	—	0	—	0	—	0	—	0	—	1	17	3	28	9	33	6	34	0	—	0	—	0	19	32
100	1	35	0	—	0	—	1	6	0	—	0	—	0	—	3	39	3	53	1	20	0	—	0	—	0	9	37
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. — SEPTEMBER 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	13	3	7	0	—	1	7	0	—	0	—	0	—	0	—	1	10	0	—	0	—	15	12	0	30	12
1000	10	13	3	7	0	—	1	7	0	—	0	—	0	—	0	—	1	10	0	—	0	—	15	12	0	30	12
850	6	8	2	15	0	—	0	—	1	10	0	—	0	—	1	11	4	12	1	10	10	9	5	10	0	30	10
700	7	11	1	7	2	12	0	—	0	—	0	—	0	—	3	21	7	13	1	17	7	7	2	4	0	30	11
600	1	3	1	7	2	10	0	—	0	—	0	—	0	—	5	19	6	19	6	11	6	10	3	16	0	30	14
500	1	10	0	—	1	12	0	—	0	—	0	—	0	—	7	23	9	23	7	17	4	11	1	14	0	30	19
400	0	—	0	—	1	13	0	—	0	—	0	—	0	—	4	26	17	30	6	25	1	36	1	19	0	30	28
300	0	—	0	—	0	—	0	—	0	—	0	—	0	—	4	31	15	31	7	33	2	22	1	8	0	29	30
200	0	—	0	—	0	—	0	—	0	—	0	—	0	—	5	16	9	34	10	26	1	48	0	—	0	25	28
150	0	—	0	—	0	—	0	—	1	3	0	—	0	—	2	12	5	25	6	22	1	34	0	—	0	15	21
100	0	—	0	—	0	—	2	10	0	—	1	9	0	—	0	—	1	26	2	5	1	6	0	—	0	7	10
60	0	—	1	4	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	1	4
40	0	—	1	10	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	1	10
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. — SEPTEMBER 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	22	11	2	13	1	8	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	12	1	10	2	29	10
1000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
850	5	9	2	22	5	10	2	5	0	—	1	3	1	7	3	7	0	—	2	10	2	8	6	8	0	29	9
700	2	5	2	8	0	—	1	5	0	—	1	20	7	1	1	8	6	18	4	13	2	26	3	8	0	29	14
600	0	—	0	—	1	4	0	—	0	—	0	—	1	9	11	16	9	18	4	13	3	7	0	—	0	29	15
500	0	—	0	—	2	4	2	8	2	14	3	15	3	13	2	20	6	17	4	20	2	14	3	12	0	29	14
400	0	—	0	—	1	11	3	5	3	8	2	20	0	—	8	18	7	12	2	14	1	11	0	—	2	29	12
300	0	—	0	—	0	—	2	8	2	21	3	12	1	7	3	50	10	16	6	18	1	24	0	—	1	29	19
200	0	—	0	—	0	—	0	—	3	16	5	21	2	6	6	40	7	32	4	22	1	15	1	3	0	29	25
150	0	—	0	—	0	—	1	15	5	22	5	16	4	13	4	38	7	27	2	14	0	—	0	—	0	28	23
100	0	—	0	—	0	—	3	21	4	30	5	24	5	20	1	11	2	27	1	6	0	—	0	—	0	21	28
60	0	—	1	8	1	34	0	—	3	34	0	—	0	—	1	23	0	—	0	—	0	—	0	—	0	6	23
40	0	—	0	—	—	—	1	11	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	1	11
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

N = The number of cases the wind has been observed form 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. — SEPTEMBER 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	16	8	0	—	0	—	0	—	0	—	0	—	1	3	0	—	3	6	1	6	1	8	3	7	4	29	6
1000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
850	1	9	0	—	1	3	1	9	1	4	2	6	2	10	2	11	5	7	3	12	6	12	4	9	1	29	9
700	1	8	0	—	0	—	1	4	0	—	0	—	4	12	6	15	13	22	4	13	0	—	0	—	0	29	17
600	0	—	0	—	1	11	0	—	2	8	0	—	5	9	10	21	6	21	3	13	1	4	1	9	0	29	16
500	0	—	2	8	1	6	0	—	3	14	2	21	5	17	3	17	9	16	1	14	1	5	2	10	0	29	15
400	0	—	1	4	0	—	3	11	1	10	3	10	0	—	7	18	5	14	5	11	3	10	1	20	0	29	13
300	0	—	0	—	0	—	1	14	2	10	5	11	4	7	5	43	7	20	3	18	2	9	0	—	0	29	18
200	0	—	0	—	0	—	3	15	1	19	8	13	2	44	8	27	3	25	2	26	0	—	0	—	0	27	22
150	0	—	0	—	1	6	3	22	7	16	5	15	2	44	3	25	4	34	1	10	0	—	0	—	0	26	22
100	0	—	1	20	0	—	8	28	5	18	1	25	0	—	2	34	3	28	—	—	0	—	0	—	0	20	26
60	0	—	0	—	0	—	1	30	1	36	0	—	0	—	0	—	0	—	—	—	0	—	0	—	0	2	33
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 STATIONS

GIZA — SEPTEMBER 1962

This month was warm and slightly dry as compared with normal values of air temperature and relative humidity at Giza during September. The mean air temperature at 2 metres above ground was above normal (+ 1.4°C) and the mean relative humidity was below normal (— 4%). The month was characterized by a moderate heat wave between the 22nd and the 27th which reached its peak on the 26th when the absolute maximum temperature for the month and the lowest relative humidity were reported. The mean daily air temperature at 2 metres above ground, the day time mean, the night time mean and the mean daily Piche evaporation were the highest for September since 1956.

The extreme maximum and minimum soil temperatures at different depths between 0.3 & 200 cms in the dry field were generally higher than the corresponding values of last September. In the dry field the difference for the maxima ranged between + 3.8°C at 1 cm & + 0.1°C at 50,100 and 200 cms : the difference for the minima ranged between 3.1°C at 5 cms and 0°C at 200 cms depth.

The daily mean wind speed at 2 metres above ground was slightly higher than last September (+ 0.1 m/sec.). The mean daily values of Piche evaporation & water pan evaporation were higher (+2.0 & +0.87 mms). while the mean daily values of potential evaporation and potential evapotranspiration were lower (-0.4 & — 0.3 mm) respectively than the corresponding values of last September. The total actual duration of bright sunshine was 3.1 hours higher than the corresponding value for September 1961.

TAHRIR — SEPTEMBER 1962

This month was characterized by the passage of an active cold front on the 24th, giving rise to sandstorms followed by showers.

Comparing this month with last September, we find that the deviations were : + 1.7°C, + 8% & + 2.9 mms for the mean air temperature, relative humidity and vapour pressure respectively. Rainfall amounted this month to 3.4 mms against 0.0 mm last year. The mean Piche evaporation was 1.0 mm less than last year. The total radiation and sunshine durations were less than last year by 404 langleys and 15.3 hours respectively.

The extreme maximum soil temperatures in the dry field were hngher than the corresponding values of last September by 0- 1.5°C at all depths except at the surface where it was less by 0.4 °C. The extreme minimum soil temperatures were systematically higher this year by 1.4 — 3.4 °C.

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

GIZA — SEPTEMPER 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	21.4	26.9	24.8	29.1	24.0	24.0	24.0	24.0	24.0	24.0	13.0	6.0	0.0	0.0	0.0
2	34.7	22.4	27.5	25.3	29.6	24.0	24.0	24.0	24.0	24.0	24.0	14.5	7.5	0.0	0.0	0.0
3	34.0	23.5	28.0	25.1	29.9	24.0	24.0	24.0	24.0	24.0	24.0	17.0	8.5	0.0	0.0	0.0
4	34.4	21.9	27.5	25.5	29.8	24.0	24.0	24.0	24.0	24.0	24.0	14.0	8.0	0.0	0.0	0.0
5	34.2	21.0	26.4	24.0	28.7	24.0	24.0	24.0	24.0	24.0	24.0	13.0	7.0	0.0	0.0	0.0
6	33.2	20.7	26.2	22.3	28.3	24.0	24.0	24.0	24.0	24.0	24.0	13.0	6.5	0.0	0.0	0.0
7	33.2	20.2	26.1	23.7	27.9	24.0	24.0	24.0	24.0	24.0	24.0	13.0	5.5	0.0	0.0	0.0
8	33.7	19.4	26.3	23.7	28.3	24.0	24.0	24.0	24.0	24.0	21.0	14.0	7.0	0.0	0.0	0.0
9	33.8	19.3	26.4	24.3	28.4	24.0	24.0	24.0	24.0	24.0	23.0	13.5	6.0	0.0	0.0	0.0
10	34.5	21.0	26.7	24.5	28.7	24.0	24.0	24.0	24.0	24.0	24.0	12.5	7.0	0.0	0.0	0.0
11	34.9	22.4	27.0	24.8	29.3	24.0	24.0	24.0	24.0	24.0	24.0	12.5	7.0	0.0	0.0	0.0
12	32.9	23.0	27.2	24.8	28.9	24.0	24.0	24.0	24.0	24.0	24.0	16.0	6.5	0.0	0.0	0.0
13	32.5	20.2	26.0	24.1	28.4	24.0	24.0	24.0	24.0	24.0	24.0	13.0	6.0	0.0	0.0	0.0
14	32.0	19.4	25.7	23.3	27.7	24.0	24.0	24.0	24.0	24.0	22.5	13.5	5.0	0.0	0.0	0.0
15	32.7	18.9	25.3	23.3	27.5	24.0	24.0	24.0	24.0	24.0	20.5	12.0	4.5	0.0	0.0	0.0
16	33.3	20.2	25.9	23.4	28.1	24.0	24.0	24.0	24.0	24.0	24.0	12.0	6.0	0.0	0.0	0.0
17	33.7	21.6	26.5	24.2	28.4	24.0	24.0	24.0	24.0	24.0	24.0	14.0	6.0	0.0	0.0	0.0
18	32.5	20.9	25.8	24.4	27.8	24.0	24.0	24.0	24.0	24.0	24.0	11.5	5.5	0.0	0.0	0.0
19	32.0	18.2	24.8	22.6	27.3	24.0	24.0	24.0	24.0	24.0	20.5	11.5	4.5	0.0	0.0	0.0
20	31.3	19.5	25.0	22.6	27.3	24.0	24.0	24.0	24.0	24.0	23.5	11.0	2.5	0.0	0.0	0.0
21	32.0	18.0	24.8	22.0	27.1	24.0	24.0	24.0	24.0	24.0	19.0	12.0	4.5	0.0	0.0	0.0
22	34.3	17.4	25.4	22.6	27.7	24.0	24.0	24.0	24.0	24.0	19.5	12.5	6.0	0.0	0.0	0.0
23	36.1	18.4	26.8	23.3	29.5	24.0	24.0	24.0	24.0	24.0	20.5	16.0	9.0	0.5	0.0	0.0
24	35.0	21.8	27.0	25.6	29.2	24.0	24.0	24.0	24.0	24.0	24.0	14.5	7.5	0.0	0.0	0.0
25	35.7	19.5	27.2	23.7	30.3	24.0	24.0	24.0	24.0	24.0	23.0	15.0	9.0	0.0	0.0	0.0
26	38.4	17.8	27.7	23.7	31.2	24.0	24.0	24.0	24.0	24.0	22.0	16.0	9.5	4.5	0.0	0.0
27	32.7	20.1	25.9	25.7	27.6	24.0	24.0	24.0	24.0	24.0	24.0	13.0	5.5	0.0	0.0	0.0
28	30.6	19.8	24.7	23.1	26.5	24.0	24.0	24.0	24.0	24.0	24.0	11.0	0.5	0.0	0.0	0.0
29	31.6	19.8	25.0	22.7	27.2	24.0	24.0	24.0	24.0	24.0	23.5	11.0	3.5	0.0	0.0	0.0
30	34.2	20.9	26.5	23.3	29.1	24.0	24.0	24.0	24.0	24.0	24.0	13.0	6.0	0.0	0.0	0.0
31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.0	0.0
Total	—	—	—	—	—	720.0	720.0	720.0	720.0	720.0	690.5	398.5	183.5	5.0	0.0	0.0
Mean	33.7	20.3	26.3	23.9	38.5	24.0	24.0	24.0	24.0	24.0	23.0	13.3	6.1	0.2	0.0	0.0

Highest Maximum at 2 Metres 38.4°C on 26rd Highest Minimum at 2 Metres 23.5°C on 3rd

Lowest Maximum at 2 Metres 30.6°C on 28th Lowest Minimum at 2 Metres 17.4°C on 22nd

Absolute Minimum Temperature at 5 cms. Above Dry Soil 13.4 °C on 22nd

" " " " " Wet Soil 14.0 °C on 22nd

" " " " " Grass 12.0 °C on 22nd

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

TAHRIR — SEPTEMBER 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	34.6	19.8	26.6	23.2	29.4	24.0	24.0	24.0	24.0	24.0	24.0	13.0	7.5	0.0	0.0	0.0
2	34.3	20.4	26.7	23.7	29.5	24.0	24.0	24.0	24.0	24.0	24.0	13.0	7.5	0.0	0.0	0.0
3	34.9	22.6	27.9	24.5	30.5	24.0	24.0	24.0	24.0	24.0	24.0	15.5	8.0	0.0	0.0	0.0
4	34.9	21.9	27.3	24.8	30.1	24.0	24.0	24.0	24.0	24.0	24.0	12.5	8.0	0.0	0.0	0.0
5	34.6	19.1	25.6	22.6	28.5	24.0	24.0	24.0	24.0	24.0	21.5	12.0	6.5	0.0	0.0	0.0
6	33.1	19.1	25.2	22.4	27.9	24.0	24.0	24.0	24.0	24.0	21.0	11.5	5.0	0.0	0.0	0.0
7	33.4	18.4	25.2	21.9	28.2	24.0	24.0	24.0	24.0	24.0	19.5	12.0	5.5	0.0	0.0	0.0
8	34.4	19.0	25.6	22.1	28.6	24.0	24.0	24.0	24.0	24.0	20.5	13.0	6.0	0.0	0.0	0.0
9	33.8	17.6	25.1	22.0	27.8	24.0	24.0	24.0	24.0	24.0	18.5	11.5	6.0	0.0	0.0	0.0
10	34.6	19.3	25.8	22.4	28.9	24.0	24.0	24.0	24.0	24.0	19.5	12.5	6.5	0.0	0.0	0.0
11	33.9	22.0	26.3	23.7	28.8	24.0	24.0	24.0	24.0	24.0	24.0	12.0	5.5	0.0	0.0	0.0
12	33.6	21.8	26.5	23.3	28.9	24.0	24.0	24.0	24.0	24.0	24.0	13.5	6.0	0.0	0.0	0.0
13	31.8	19.8	25.4	22.9	28.2	24.0	24.0	24.0	24.0	24.0	24.0	12.0	4.0	0.0	0.0	0.0
14	33.1	18.8	24.9	22.2	27.7	24.0	24.0	24.0	24.0	24.0	20.0	11.0	5.0	0.0	0.0	0.0
15	33.0	17.7	24.8	21.6	27.7	24.0	24.0	24.0	24.0	24.0	18.0	10.5	5.0	0.0	0.0	0.0
16	32.6	19.2	24.9	22.2	27.7	24.0	24.0	24.0	24.0	24.0	20.5	11.0	5.0	0.0	0.0	0.0
17	34.4	19.3	25.6	22.3	28.4	24.0	24.0	24.0	24.0	24.0	22.0	11.5	5.5	0.0	0.0	0.0
18	32.9	19.4	24.9	22.6	27.9	24.0	24.0	24.0	24.0	24.0	22.5	10.5	5.0	0.0	0.0	0.0
19	31.7	16.6	23.7	20.8	26.4	24.0	24.0	24.0	24.0	24.0	17.0	10.0	3.0	0.0	0.0	0.0
20	31.1	18.7	24.4	21.8	27.1	24.0	24.0	24.0	24.0	24.0	20.5	10.0	2.0	0.0	0.0	0.0
21	32.2	18.0	24.5	21.3	27.3	24.0	24.0	24.0	24.0	24.0	19.0	10.5	4.0	0.0	0.0	0.0
22	34.2	19.3	25.8	22.1	28.6	24.0	24.0	24.0	24.0	24.0	22.0	12.5	6.0	0.0	0.0	0.0
23	36.2	20.0	26.3	23.2	29.1	24.0	24.0	24.0	24.0	24.0	24.0	12.0	6.5	0.5	0.0	0.0
24	33.6	20.7	24.8	23.6	26.9	24.0	24.0	24.0	24.0	24.0	24.0	8.0	3.0	0.0	0.0	0.0
25	32.5	21.2	25.4	22.6	27.5	24.0	24.0	24.0	24.0	24.0	24.0	11.0	3.0	0.0	0.0	0.0
26	35.4	19.6	26.0	22.3	29.4	24.0	24.0	24.0	24.0	24.0	23.5	11.5	7.0	0.0	0.0	0.0
27	31.4	20.0	25.0	22.9	27.6	24.0	24.0	24.0	24.0	24.0	24.0	10.5	4.0	0.0	0.0	0.0
28	29.9	19.2	23.9	22.0	26.3	24.0	24.0	24.0	24.0	24.0	20.5	9.5	0.0	0.0	0.0	0.0
29	30.4	18.2	23.9	20.9	26.5	24.0	24.0	24.0	24.0	24.0	17.0	10.0	0.5	0.0	0.0	0.0
30	32.9	19.8	25.5	22.2	28.5	24.0	24.0	24.0	24.0	24.0	24.0	11.5	5.5	0.0	0.0	0.0
31	—	—	—	—	—	24.0	24.0	24.0	24.0	24.0	—	—	—	—	—	—
Total	—	—	—	—	—	720	720	720	720	720	651	345.5	153	0.5	0.0	0.0
Mean	33.3	19.6	25.4	22.5	28.2	24.0	24.0	24.0	24.0	24.0	21.7	11.5	5.1	0.02	0.0	0.0

Highest Maximum at 2 Metres 36.2°C on 23rd *Highest Minimum at 2 Metres* 22.6°C on 3rd

Lowest Maximum at 2 Metres 29.9°C on 28th *Lowest Minimum at 2 Metres* 16.6°C on 19th

Absolute Minimum Temperature at 5 cms. Above Dry Soil 15.4 °C 19th

" " " " " *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 — SEPTEMBER 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		mount of rainfall ni 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	2.4	1.7	3 4	556	11.0	12.8	86	6	9	65	45	16.6	16.8	14.8	10.23	0.0
2	2.4	1.9	3.1	543	11.1	12.8	87	6	10	69	40	16.8	14.9	14.5	10.10	0.0
3	2.6	2 0	3.4	497	8.9	12.7	70	0	7	66	46	17.8	17.5	13.7	8.76	0.0
4	2.7	2.0	3.6	504	9.6	12.7	76	7	10	69	35	16.3	13.7	16.0	10.92	Tr.
5	2.2	1.8	2.8	534	10.4	12.7	82	7	9	71	39	16.4	14.9	15.0	9.28	0.0
6	2.0	1.7	2.4	549	10.7	12.6	85	5	8	68	37	15.6	13.6	13.2	9.21	0.0
7	2.1	1.6	2.8	543	10.9	12.6	87	6	8	70	39	15.7	13.5	13.7	10.17	0.0
8	1.8	1.4	2.5	544	10.7	12.6	85	6	7	59	39	14.7	13.9	13.5	9.03	0.0
9	1.6	1.2	2.0	539	11.1	12.6	88	6	8	62	35	14.8	13.0	13.1	8.89	0.0
10	2.0	1.6	2.6	522	10.4	12.5	83	0	8	64	33	14.8	12.4	14.5	10.07	0.0
11	2.1	1.7	2.8	528	10.0	12.5	80	0	10	73	37	18.8	14.3	14.7	10.32	0.0
12	1.7	1.3	2.3	453	8.6	12.5	69	0	7	66	46	17.0	16.5	13.0	9.20	0.0
13	2.6	2.0	3.5	508	10.9	12.4	88	0	7	60	38	14.1	13.1	15.0	10.31	0.0
14	1.8	1.4	2.5	510	10.7	12.4	86	6	8	64	42	14.9	14.3	12.8	9.81	0.0
15	1.6	1.3	2.0	511	10.5	12.4	85	6	8	62	32	13.4	11.1	13.8	10.12	0.0
16	1.6	1.3	2.1	509	10.3	12.4	83	6	9	71	38	15.8	13.4	12.7	9.59	0.0
17	1.7	1.5	2.0	494	10.0	12.3	81	0	8	66	36	15.1	12.8	13.4	10.27	0.0
18	2.3	2.1	2.5	446	9.2	12.3	75	7	10	74	38	15.6	12.6	13.1	8.30	0.0
19	2.1	1.6	2.8	502	10.4	12.2	85	6	8	66	35	13.7	11.8	14.5	10.21	0.0
20	2.2	1.5	3.1	482	10.7	12.2	88	5	8	68	40	14.6	12.8	14.1	9.40	0.0
21	1.8	1.3	2.5	504	10.8	12.2	89	5	8	62	37	13.5	12.1	13.5	9.97	0.0
22	1.3	1.0	1.8	498	10.1	12.2	83	5	8	68	32	14.5	11.2	10.9	7.00	0.0
23	0.8	0.5	1.2	478	10.8	12.1	89	7	9	67	30	15.4	11.8	13.1	8.18	0.0
24	1.7	1.4	2.0	350	7.3	12.1	60	0	10	74	43	17.4	16.1	10.3	7.10	Tr.
25	1.2	1.0	1.5	382	8.3	12.1	70	0	6	56	30	14.1	12.4	14.0	8.07	0.0
26	1.4	0.9	2.0	473	10.8	12.0	90	0	7	64	24	15.0	11.7	15.6	9.22	0.0
27	2.0	1.4	3.0	439	9.0	12.0	75	6	9	72	38	15.7	13.4	13.6	10.01	0.0
28	2.7	2.1	3.5	400	9.6	12.0	80	0	6	68	43	14.7	13·2	14.1	8.23	0.0
29	3.1	2.5	3.9	475	10.8	12.0	90	0	5	67	43	14.7	14.3	14.9	8.20	0.0
30	3.2	2.3	4.5	480	11.0	11.9	92	0	9	70	36	16.1	13.6	16·5	8.83	0.0
31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	14758	3046	370.8	2467	108	244	—	—	—	—	415.6	279.00	Tr.
Mean	2.0	1.6	2.7	492	10.2	12.4	82	3.6	8.1	67	38	15.4	13.6	13.9	9.30	—

Maximum Amount of Rainfall in one day . . . . . tr. on 4.24th

Lowest Value of Relative Humidity . . . . . 24 % on 26th

Highest Value of Vapour Pressure . . . . . 20.8 mms. on 4th

Lowest Value of Vapour pressure . . . . . 9.6 mms. on 17th

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 — SEPTEMBER 1962

Date	Wind speed metres per second			Solar + sky radiation µm. 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	3.3	2.6	4.2	554	10.9	12.8	85	5	8	76	37	17.4	14.8	14.7	11.91	0.0
2	3.7	2.7	5.2	566	11.1	12.8	87	5	8	78	45	18.7	17.7	14.9	11 93	0.0
3	3.8	3.4	4.4	486	8.8	12.7	69	0	8	74	49	19.8	19.6	12.2	9.67	0.0
4	3.8	3.1	4.9	502	9.2	12.7	72	6	8	80	36	18.0	14.5	15.6	13.03	0.0
5	3.6	3.2	4.1	531	9.6	12.7	76	4	7	80	36	16.8	13.5	14.5	12.02	0.0
6	3.5	3.0	4.3	554	10.9	12.6	87	4	7	75	40	16.4	14.7	12.9	10.03	0.0
7	3.2	2.6	3.9	553	10.9	12.6	87	3	5	70	35	15.1	12.5	14.6	10.62	0.0
8	2.6	2.7	3.3	539	10.8	12.6	86	2	4	70	35	15.7	12.7	10.9	9.56	0.0
9	2.5	2.1	3.1	538	10.0	12.6	79	5	7	78	35	16.0	12.7	11.5	8.97	0.0
10	3.2	2.4	4.3	548	10.2	12.5	82	2	10	79	33	16.9	12.9	13.5	10.78	0.0
11	3.6	2.9	4.7	533	9.5	12.5	76	1	11	79	47	18.4	17.6	12.8	9.78	0.0
12	3.4	3.2	3.7	444	8.0	12.5	64	0	8	71	44	17.2	16.1	12.6	9.75	0.0
13	3.9	2.9	5.4	515	10.1	12.4	81	1	6	72	39	16.1	13.4	13.9	10.09	0.0
14	2.9	2.6	3.3	504	10.2	12.4	82	1	8	73	32	14.8	11.5	14.1	10.40	0.0
15	2.7	2.5	3.0	518	10.6	13.4	85	0	5	70	29	14.1	10.1	13.5	10.33	0.0
16	3.0	2.7	3.6	505	10.2	12.4	82	4	7	78	40	16.4	13.8	12.2	8.92	0.0
17	2.4	2.2	3.7	511	10.0	12.3	81	3	10	76	31	16.0	12.2	11.5	8.83	0.0
18	2.9	2.4	3.6	502	9.9	12.3	80	3	8	77	34	15.3	12.0	11.7	9.57	0.0
19	2.7	1.9	3.7	503	9.9	12.2	81	6	8	77	37	14.6	12.1	12.2	10.08	0.0
20	2.9	2.0	4.1	502	10.2	12.2	84	1	6	74	41	15.3	13.4	13.9	11.38	0.0
21	2.5	1.8	3.6	511	10.5	12.2	86	1	6	73	37	14.9	12.6	11.7	9.81	0.0
22	2.8	2.3	3.4	487	9.6	12.2	79	3	10	78	38	17.1	14.4	10.5	8.17	0 0
23	2.5	2.2	2.9	465	8.1	12.1	67	7	12	88	27	16.9	11.3	12.2	10.15	0.0
24	2.8	1.9	4.0	427	7.2	12.1	60	6	13	84	48	18.9	17.3	14.1	10.37	2.6
25	2.7	2.4	3.2	245	4.2	12.1	35	2	8	74	38	15.1	12.9	9.0	5.45	0.8
26	2.4	1.9	3.2	478	10.0	12.0	83	3	9	68	27	14.2	11.4	13.6	11.30	0.0
27	2.9	2.0	4.2	471	10.1	12.0	84	7	9	74	41	15.6	13.5	12.7	10.36	0.0
28	3.0	1.8	4.7	439	10.0	12.0	83	0	10	75	47	15.5	14.3	12.4	9.99	0.0
29	3.4	2.3	5.0	464	9.7	12.0	81	3	10	73	47	15.6	14.9	12.5	9.75	0.0
30	3.9	2.6	5.6	461	10.3	11.9	87	6	11	78	42	17.3	15.8	13.4	10.07	0.0
31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	14856	290.7	370.8		94	247	—	—	—	—	385.8	304.07	3.4
Mean	3.1	2.5	4.0	495.2	9.7	12.4	78	3.1	8.2	76	38	16.3	13.9	12.9	10.14	—

Maximum Amount of Rainfall In One Day . . . . . 2.6 mms. on 24th

Lowest Value of Relative Humidity . . . . . 24 % on 23rd

Highest Value of Vapour Pressure . . . . . 22.0 mms. on 4th

Lowest Value of Vapour Pressure . . . . . 9.0 mms. on 15th

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

GIZA — SEPTEMBER 1962

Depth in cms.	Dry Soil		Wet Soil		Grass	
	Highest °C	Lowest °C	Highest °C	Lowest °C	Highest °C	Lowest °C
0.3	58.8	17.0	34.9	18.0	37.5	20.9
1	57.8	17.5	33.6	17.8	32.0	20.7
2	53.3	19.0	32.5	18.4	30.6	21.0
5	41.7	24.0	33.1	20.0	29.3	22.6
10	37.4	28.0	30.5	21.8	28.4	23.6
20	33.9	30.2	29.0	23.5	27.7	24.8
50	33.2	31.3	26.6	24.8	27.2	25.7
100	31.7	31.1	25.7	25.0	26.1	25.5
200	29.4	29.0	24.2	23.9	25.1	24.6
300	27.4	26.7	—	—	—	—

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

TAHRIR — SEPTEMBER 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	17.4	—	—	—	—
1	50.9	18.4	—	—	—	—
2	49.4	18.8	—	—	—	—
5	44.7	19.5	—	—	—	—
10	39.8	21.6	—	—	—	—
20	35.0	25.7	—	—	—	—
50	31.8	28.7	—	—	—	—
100	30.7	29.3	—	—	—	—
200	29.2	28.8	—	—	—	—
300	28.2	28.1	—	—	—	—
600	25.6	25.2	—	—	—	—

TABLE C 4—NUMBER OF DAYS OF SURFACE WIND SPEED REACHING OR EXCEEDING SPECIFIED LIMITS OF VELOCITY

GIZA — SEPTEMBER 1962

10	**knots**	or	above	25	**Days**	30	**knots**	**or**	**above**	0	**Days**
15	„	„	„	4	„	35	„	„	„	0	„
20	„	„	„	0	„	40	„	„	„	0	„
25	„	„	„	0	„	The highest gust 25 knots on 29, 30th					

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THE EGYPTIAN METEOROLOGICAL AUTHORITY
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PUBLICATIONS OF THE METEOROLOGICAL AUTHORITY OF THE ARAB REPUBLIC OF EGYPT — CAIRO

In fulfilment of its duties, the Meteorological Authority of Egypt issues serveral reports and publications on weather, climate and agrometeoro logy. The principal publications are described on this page.

Orders for publications should be addressed to :

"Chairman of the Board of Directors, Meteor ological Authority, Kubri-el-Qubbeh — CAIRO".

THE DAILY WEATHER REPORT

This report is issued daily by the Meteorological Authority since the year 1901. It includes surface and upper air observations carried out by the relevant networks of the Republic at the principal hours of observations.

As from January 1968, this report was revised to include a condensed representative selection of surface and upper air observations besides the 1200 U.T. surface & 500 mb charts.

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 Egypt.

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 Egypt 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 19 68 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 Institute for Research and Training" and the Operational Divisions of Meteorological Authority.

TECHNICAL NOTES

As from October 1970, the Meteorological Authority 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 Egypt.

THE ARAB REPUBLIC OF EGYPT

MONTHLY WEATHER REPORT

VOLUME 5 NUMBER 10

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OCTOBER, 1962

U.D.C. 551, 506.1 (62)

THE EGYPTIAN METEOROLOGICAL AUTHORITY
CAIRO

PUBLICATIONS OF THE METEOROLOGICAL AUTHORITY OF THE ARAB REPUBLIC OF EGYPT—CAIRO

In fulfilment of its duties, the Egyptian Meteorological Authority issues serveral reports and publications on weather, climate and agro-meteorology. The principal publications are described on this page.

Orders for publications should be addressed to :

"Chairman of the Board of Directors, Meteorological Authority, Kubri-el-Qubbeh — CAIRO".

THE DAILY WEATHER REPORT

This report is issued daily by the Meteorological Authority since the year 1901. It includes surface and upper air observations carried out by the relevant networks of the Republic at the principal hours of observations.

As from January 1968 this report was revised to include a condensed representative selection of surface and upper air observations besides the 1200 U.T. surface & 500 mb charts.

As from 1st January 1972, the Daily Weather Report will not be issued or distributed because it does not serve no longer any good purpose as it used to be in the past. The Meteorological Authority is ready to supply the recipients of the Report with any information used to be included in it, if they so desire.

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 Egypt.

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 Egypt 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 Institute for Research and Training" and the Operational Divisions of the Meteorological Authority.

TECHNICAL NOTES

As from October 1970, the Meteorological Authority 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 ARAB REPUBLIC OF EGYPT

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THE EGYPTIAN METEOROLOGICAL AUTHORITY
CAIRO

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GENERAL SUMMARY OF WEATHER CONDITIONS

OCTOBER 1962

Changeable intervened with five variant heat waves. Frontal showers and thunderstorms over scattered localities of the northern parts. Foggy and misty in the early morning most of the third week over scattered localities in Lower Egypt and Cairo area districts.

THE MAIN FEATURES

- Five variant heat waves almost light and of short duration in the northern parts, though the 1st, 3rd & 4th were excessive and of moderate durations in the southern parts.

- Abnormally high relative humidity in the northern parts between 16th & 23*rd*.

- Abnormally high monthly rainfall over scattered localities in the Mediterranean district, subnormal monthly totals elsewhere.

- Four consecutive oscillations in the pressure field over East Mediterranean.

- Two rainy and occasionally thundery periods over the northern parts during the 1*st* & 3rd decades.

- Particularly dusty on the 27*th*.

- Five to ten misty or foggy days over scattered localities in the northern parts.

GENERAL DESCRIPTION OF WEATHER

The prevailing weather was changeable intervened with five variant hot spells of rather short durations over the northern parts and of moderate durations elsewhere. Excessive temperaturs have been experienced over scattered localities in the southern parts of the Western Desert and Upper Egypt districts.

Weather was humid between the 16*th* & 23rd over the Mediterranean Coastal strip. Light/moderate showers fell during the 1st & 3rd decades and were confined to the Mediterranean coastal district generally but extended in few days inland as far as Cairo on the 6th & 25th and as far as Minya on the 25th. Rain was associated with thunderstorms over the Mediterranean & Lower Egypt districts particularly round periods (2nd & 3rd), (5th & 6th) & (25th. 28*th*) during which precipitation was heavy. The monthly rainfall exceeded variably its normal over many localities in the northern parts.

Widespread sandstorms overrun Lower Egypt on the 27th.

Early morning mist & fog developed on (5 - 10) days over many scattered localities in the Lower Egypt & Cairo area districts.

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)						Reliative humidty (%)		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 . .	1014.7	— 1.1	28.1	+ 0.6	19.0	+ 0.5	23.5	+ 0.6	70	+ 1	8.6	+ 0.2
Lower Egypt . .	1014.6	— 0.6	30.9	+ 0.8	17.4	+ 0.9	24.2	+ 0.8	64	— 9	1.5	— 1.9
Cairo Area. . . .	1014.1	— 1.0	31.1	+ 1.1	18.9	+ 1.4	25.0	+ 1.2	54	— 8	0.8	— 0·9
Upper Egypt. . .	1012.8	— 0.6	34.0	+ 1.0	18.7	+ 1.1	26.4	+ 1.1	42	— 6	0.0	— 0.3
Western Desert . .	1013.5	— 1.4	33.5	+ 1.4	16.9	0.0	25.2	+ 0.7	37	—10	0.0	— 0.3
Red Sea	1012.2	— 0.2	30.7	+ 1.3	22.4	+ 1.9	26.5	+ 1.6	58	— 2	0.2	— 0.8

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

During this month, the surface map was characterized generally by the appearance of the following pressure systems.

— The south-western ridge of the Siberian anticyclone over the Caspian and Black Seas.

— The north-east ridge of the Azores anticyclone over Europe.

— Three troughs of low pressure over Iraq, Sudan and Great Sahara of Africa respectively.

On the other hand, the 700 & 500 mb charts were characterized by the prevalence of two deep upper lows over North Atlantic and North Russia respectively together with a subtropical upper high pressure belt skirting their southern troughs and extending southwards as far as latitude 15 °N.

The apparent prevailing stable pressure distribution was disturbed by the transits of the deep Atlantic low pressure systems through Europe as occurring during periods (1st - 7th), (11th -13th), (24th - 26th) & (28th - 31st) respectively.

During these consecutive disturbed intervals East Mediterranean became an area of loose pressure gradient which was favourable for thermal cyclogensis.

On the 1st a thermal shallow disturbance developed over Western Desert of Egypt and rapidly it amalgamated with the northern arm of the Sudan trough which extended as far as Cyprus up to the 7th.

On the *11th* & *24th* two thermal lows developed over Cyrenica & Western Desert respectively, proceeded slowly eastwards and attained Lower Egypt on the *13th* & *26th* respectively when they amalgamated with Sudan trough.

On the 28th both East and Central Mediterranean were areas of low pressure gradient. Rapidly a deep secondary low developed over Central Mediterranean where it was stationary up till the *31st* causing a marked oscillation in the pressure field over East Mediterranean.

SURFACE WIND

The prevailing surface winds were light/moderate Nly in general apart from few scattered days during which SW ly winds blew in advance of travelling thermal desert disturbances. Fresh / strong winds blew for short intervals in few days over the Mediterranean (Western parts) & Red Sea districts.

Calms were frequent most nights and early morning intervals over scattered localities of the Republic particularly of the Mediterranean, lower Egypt, Western Desert & Upper Egypt districts.

Gale were recorded at Tahrir on the 27th.

TEMPERATURE

Maximum temperatures rose to five naked peaks this month round the periods (2nd - 3rd), (12th - 13th), (21st - 22nd), (25th - 26th) and 30th, their values ranged between 25°C & 31°C over the northern parts, between (28°C & 37°C) over the middle parts and between 33°C & 43°C over the southern parts, where the 1st, 3rd & 4th peaks were excessive.

The absolute maximum temperature for the Republic was 44.5°C at Aswan on the 2 nd.

Minimum temperature oscillated round its normal over the northern and southern parts, while it oscillated above its normal over the middle parts. Its values ranged between (15°C & 21°C) over the northern and middle parts and ranged between (18°C & 27°C) over the southern parts.

The absolute minimum temperature for the Republic was 11.0°C at Farafra on the 29th.

PRECIPITATION

Rain fell during periods (2nd - 12th) & (23th - 27th) and was confined to the Mediterranean coastal strip generally, though it extended inland as far as Cairo on the 6th & 25*th* and as far as Minya on the 25th.

Rain was heavy and associated with thunderstorms over Mediterranean and Lower Egypt districts particularly round periods (2nd - 3rd), (5th - 6th) and (25th-28th).

The monthly rainfall exceeded its normal values in many localities of the northern parts, elsewhere it was subnormal.

The absolute monthly rainfall for Egypt was 22.0 mms reported at Borg El-Arab and the absolute daily rainfall was 20.0 mms reported also at Borg El-Arab on the 5 th.

MISCELLANEOUS WEATHER PHENOMENA

Hail fell at: Alexandria on the 28th and at Tanta on the 27th.

Rain fell at: Sallum on the 2nd, 6th, 10th, 11th, 25th & 27th, Sidi Barrani on the 2nd, 12th & 27th; Mersa Matruh on the 2nd, 3rd, 5th & (25th-27th); Ras El Hikma on the 2nd, 5th, 6th 26th, & 27th; Dabaa on the 9th & 27th; Dekheila on the 5th, 6th & 27th; Ras El Teen on the 5th, 6th, 8th, 26th & 27th; Alexandria on the 5th, 6th, 8th, 25th, & 27th, Damietta on the 6th, 10th, 27th & 29th; Port Said on the 6th, 10th & 23rd; El Arish 7th; Ghazza on the (7th-10th), 23rd, 24th & 29th; Mansoura on the (25th - 27th); Damanhour on the 25th & 27th, Tanta on the 8th & 27th; Shebin El Kom on the 6th & 27th; Inshas on the 26th; Imbaba & Giza on the 6th and at Siwa on the 25th.

Thunderstorms occurred at: Sallum on the 25th & 27th; Sidi Barrani on the 5th, 25th & 31st; Mersa Matruh on the 5th, 27th & 28th; Ras El Hikma on the 2nd, 6th, 27th & 28th; Dekheila on the 3rd, 6th, 27th & 28th; Ras El Teen on the 6th & 27th; Alexandria on the 2nd, 3rd, 6th & 28th; Port Said on the 6th; Ghazza on the 8th and at Abu Sueir, Zaher & Inshas on the 27th.

Mist Patches developed at: Ras El Hikma on the 20th; Alexandria on the 23rd & 30 th; Port Said on the 3rd; El Arish on the 2nd, 3rd, 21st & 22nd; Mansoura on the (19th - 21st) & 30th, Tahrir on the 3rd, 13th, 14th, 16th, 17th 22nd & 30th; Shebin El Kom on the 21st, 23rd; Abu Sueir on the (1st - 3rd), 9tht 11th, (14th - 17th), 19th, 22nd, 30th & 31st; Banha on the 1st, 20th & 22nd; Zaher on the 1st, 21st & 22nd; Inshas on the 1st, 2nd, 20th, 21st & 23rd; Fayed on the 20th; Cairo on the 2nd, 17th, 19th, 20th & 23rd; Mostafa Helmi on the (1st - 3rd), 8th, 11th, 12th, 16th, 17th, 20th, (22nd - 24th) & 31st; Almaza on the 20th; Abbasiya on the 19th; Imbaba on on the 2nd; Giza on the 2nd & 23rd; Minya on the 21st & 30th and at Quseir on the 3rd, 17th & 22nd.

Fog patches developed at: Sallum on the 20th; Dekheila & Ras El Teen on the 20th; & 21st Alexandria on the 1st, 20th & 21st; El Arish on the 20th; Ghazza on the 2nd; Tahrir on the 1st, (19th - 21st) & 23rd; Abu Sueir on the 20th, 21st & 23rd; Banha on the 21st & 23rd; Zaher on the 20th; Inshas on the 22nd; Mostafa Helmi on the 18th, 19th & 21st and at Almaza & Abbasiya on the 2nd.

Local rising sand or dust was reported, at: Sallum & Sidi Barrani on the 2nd 30th & 31st; Mersa Matruh on the 2nd; Dabaa on the 3rd & 13th, Balteam on the 27th Port Said on the 8th, 10th & 27th; El Arish & Ghazza on the 27th; Tahrir on the 3rd, 10th & 27th; Abu Sueir, Zaher & Fayed on the 27th; Inshas on the 3rd & 27th; Cairo on the 3rd, 23rd, 27th & 28th; Mostafa Helmi on the 18th; Almaza, Minya & luxor on the 27th; Asyout on the 26th & 27th and at Quseir on the 3rd & 9th.

Sand or duststorms blew over: Mersa Matruh on the 31st; Tahrir on the 10th & 27th and over Abu Sueir on the 6th & 27th.

Cairo, February 1972

Chairman (M. F. TAHA)

Board of Directors

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

OCTOBER 1962

District	Station	Altitude of Hp (metres)	Mean 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 norma
Mediterranean	Sallum	6.0	1014.2	— 1.5	1014.3	— 1.7	1013.6	— 1.7	1014.2	— 1.8	5.2	1014.7	— 1.5	1014.8	— 1.7	1014.1	— 1.7	1014.7	— 1.8
	Sidi Barrani	23.3	1011.6	— 1.5	1011.8	— 1.7	1011.1	— 1.8	1011.7	— 1.8	23.3	1014.2	— 1.5	1014.4	— 1.7	1013.7	— 1.8	1014.3	— 1.8
	Mersa Matruh (A)	30.0	1011.9	— 0.9	1012.3	— 0.8	1011.[illegible]	— 1.0	1012.2	— 0.9	30.0	1015.4	— 0.9	1015.8	— 0.8	1014.9	— 1.0	1015.7	— 0.9
	Ras El Hikma	45.8	1009.6	—	1010.0	—	1009.0	—	1009.4	—	45.8	1015.0	—	1015.4	—	1014.3	—	1015.1	—
	Dabaa	18.0	1012.1	—	1012.4	—	1011.6	—	1012.3	—	17.8	1014.1	—	1014.4	—	1013.6	—	1014.3	—
	Dekheila (A)	6.0	1014.4	—	1014.5	—	1013.7	—	1014.5	—	5.9	1015.1	—	1015.4	—	1014.4	—	1015.2	—
	Ras El Teen	8.4	1014.1	—	1014.5	—	1013.7	—	1014.3	—	8.4	1015.1	—	1015.5	—	1014.7	—	1015.3	—
	Alexandria (A)	7.0	1013.9	— 1.0	1014.4	— 1.2	1013.4	— 1.2	1014.2	— 1.2	6.8	1014.7	— 1.0	1015.2	— 1.2	1014.2	— 1.2	1015.0	— 1.2
	Balteam	2.0	1014.5	—	1015.0	—	1014.0	—	1014.7	—	2.0	1014.7	—	1015.2	—	1014.2	—	1014.9	—
	Damietta	5.0	1014.3	—	1014.9	— 0.7	1013.6	— 1.1	1014.6	— 0.5	5.0	1014.7	—	1015.3	— 0.7	1014.0	— 1.1	1015.0	— 0.5
	Port Said (A)	6.1	1013.5	— 0.6	1014.1	— 0.7	1013.1	— 0.7	1013.8	— 0.7	6.1	1014.2	— 0.6	1014.8	— 0.7	1013.8	— 0.7	1014.5	— 0.7
	El Arish	17.1	1012.5	— 0.0	1013.2	— 1.0	1011.9	— 1.2	1012.8	— 0.7	17.1	1014.4	0.0	1015.1	— 1.0	1013.8	— 1.2	1014.7	— 0.7
	Ghazza	15.7	1012.4	—	1013.2	—	1011.9	—	1012.5	—	15.7	1014.2	—	1015.0	—	1013.7	—	1014.3	—
Lower Egypt	Mansoura	4.0	1014.7	—	1015.2	— 0.2	1013.5	— 0.4	1015.1	+ 0.1	3.6	1015.1	—	1015.6	— 0.2	1013.9	— 0.4	1015.5	+ 0.1
	Damanhour	6.7	1014.2	—	1014.5	— 1.4	1013.6	— 1.2	1014.2	— 1.3	6.7	1014.9	—	1015.2	— 1.4	1014.3	— 1.2	1014.9	— 1.3
	Gimmeiza	8.9	—	—	1014.1	— 0.7	1012.9	— 0.6	1013.8	— 0.4	8.9	—	—	1015.1	— 0.7	1013.9	— 0.6	1014.8	— 0.4
	Tanta	14.8	1012.9	—	1013.3	— 1.3	1011.7	— 1.3	1013.1	— 0.7	15.4	1014.0	—	1014.5	— 1.3	1012.9	— 1.3	1014.3	— 0.7
	Tahrir	17.8	1012.4	—	1012.8	—	1011.1	—	1012.5	—	16.0	1014.6	—	1015.0	—	1013.2	—	1014.6	—
	Shebin El Kom	13.8	1013.0	—	1013.6	— 1.0	1011.8	— 1.4	1013.0	— 1.0	13.8	1014.5	—	1015.1	— 1.1	1013.3	— 1.4	1014.5	— 1.0
	Zagazig	13.0	1013.4	—	1013.9	— 1.1	1012.2	— 1.0	1013.7	— 0.7	13.0	1015.0	—	1015.5	— 1.1	1013.8	— 1.0	1015.3	— 0.7
	Abu Sueir (A)	16.0	1012.9	—	1013.6	—	1011.5	—	1013.3	—	16.0	1014.8	—	1015.5	—	1013.3	—	1015.2	—
	Zaher (A)	14.9	1012.8	—	1013.2	—	1011.3	—	1012.5	—	14.9	1014.6	—	1015.0	—	1013.0	—	1014.3	—
	Banha	30.0	1010.3	—	1010.7	—	1009.0	—	1010.2	—	30.0	1013.8	—	1014.2	—	1012.5	—	1013.7	—
	Wadi El Natrun	0.9	1015.1	—	1015.6	— 0.3	1013.9	+ 0.6	1015.1	— 0.3	0.9	1015.2	—	1015.7	— 0.3	1014.0	+ 0.6	1015.2	— 0.3
	Inshas (A)	25.5	1010.0	—	1010.5	—	1008.8	—	1010.3	—	25.6	1013.1	—	1013.5	—	1011.7	—	1013.3	—
	Fayed (A)	22.5	1012.3	—	1013.2	—	1011.0	—	1012.6	—	22.5	1014.7	—	1015.7	—	1013.4	—	1015.3	—
	Kabrit (A)	7.6	1013.0	—	1013.7	—	1011.5	—	1012.9	—	7.6	1014.3	—	1015.0	—	1012.8	—	1014.2	—

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

OCTOBER 1962

District	Station	Altitude of Hp (metres)	Main 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	1006.6	— 1.1	1007.4	— 1.1	1005.5	— 1.3	1006.9	— 0.9	64.7	1014.2	— 1.2	1014.9	— 1.2	1012.9	— 1.3	1014.4	1.0
	Mostafa Helmi (A)	164.0	995.4	—	995.8	—	994.7	—	995.5	—	164.0	1014.5	—	1014.8	—	1013.3	—	1014.3	—
	Almaza (A)	78.5	1004.8	— 1.1	1005.5	— 1.1	1003.7	— 1.2	1005.1	— 1.0	78.6	1013.9	— 1.3	1014.6	— 1.2	1012.6	— 1.2	1014.1	— 1.1
	Abbasiya (H.Q.)	26.4	1012.1	—	1012.6	—	1010.8	—	1012.1	—	30.1	1015.2	—	1015.7	—	1013.8	—	1015.3	—
	Imbaba (A)	19.0	1011.9	—	1012.0	—	1010.7	—	1012.1	—	19.0	1014.0	—	1014.8	—	1012.8	—	1014.2	—
	Giza	22.5	1011.6	—	1012.1	— 1.3	1010.5	— 0.9	1011.4	— 1.3	21.3	1014.4	—	1014.9	— 1.3	1013.2	— 0.9	1014.2	— 1.3
	Helwan	140.7	997.6	—	998.5	— 0.9	996.9	— 0.6	997.9	— 0.5	140.7	1014.4	—	1015.1	— 1.2	1013.0	— 0.9	1014.4	— 0.8
Upper Egypt	Fayoum	23.3	1011.2	—	1012.1	— 0.7	1010.1	— 0.5	1011.1	— 0.4	23.3	1014.1	—	1015.0	— 0.7	1012.9	— 0.5	1014.0	— 0.4
	Beni Suef	30.4	1009.9	—	1011.2	— 1.0	1009.2	— 0.6	1009.8	— 1.0	30.0	1013.3	—	1014.7	— 1.1	1012.5	— 0.7	1013.2	— 1.0
	Minya (A)	44.5	1008.4	— 1.2	1009.6	— 0.9	1007.9	— 0.9	1008.4	— 1.0	40.2	1013.1	— 1.3	1014.3	— 1.0	1012.3	— 1.0	1013.1	— 1.0
	Asyout Mangabad (A)	69.6	1005.2	— 0.2	1006.5	— 0.8	1004.6	— 0.3	1005.1	— 0.4	69.5	1013.4	— 0.1	1014.7	— 0.5	1012.5	— 0.1	1013.2	— 0.2
	Kena	74.5	1003.9	—	1005.4	— 0.1	1003.1	+ 0.3	1003.5	0.0	79.4	1012.4	—	1013.9	— 0.1	1011.3	+ 0.3	1012.0	0.0
	Luxor (A)	88.5	1001.6	— 0.5	1003.3	— 0.4	1000.9	— 0.2	1001.5	— 0.4	88.4	1011.8	— 0.5	1013.4	— 0.4	1010.7	— 0.4	1011.5	— 0.5
	Kom Ombo	102.6	999.0	—	1001.1	—	998.2	—	999.0	—	102.6	1011.0	—	1012.9	—	1009.5	—	1010.7	—
	Aswan (A)	193.5	988.4	—	990.2	— 0.4	987.4	— 0.3	988.3	— 0.4	193.5	1011.5	—	1013.2	— 0.4	1009.5	— 0.3	1011.0	— 0.4
Western Desert	Siwa	—13.5	1016.3	— 1.6	1017.2	— 1.4	1015.1	— 1.7	1015.6	— 1.7	—13.3	1014.6	— 1.6	1015.5	— 1.4	1013.8	— 1.8	1014.0	— 1.7
	Bahariya	129.5	998.9	— 1.3	999.9	— 1.2	998.1	— 1.1	998.7	— 1.1	129.6	1014.2	— 1.3	1015.1	— 1.2	1012.7	— 1.1	1013.8	— 1.1
	Farafra	91.8	1004.0	— 1.8	1005.3	— 1.4	1003.3	— 1.5	1003.6	— 1.8	92.1	1014.9	— 1.8	1016.3	— 1.4	1013.8	— 1.5	1014.3	— 1.8
	Dakhla	111.5	998.5	—	999.5	— 1.7	997.5	— 1.5	997.9	— 2.0	111.5	1011.6	—	1012.5	— 1.7	1009.9	— 1.6	1010.8	— 1.9
	Kharga	72.8	1004.5	—	1005.0	— 0.4	1003.7	— 0.7	1004.5	— 0.5	73.0	1012.8	—	1014.2	— 0.5	1011.5	— 0.8	1012.6	— 0.5
Red Sea	Suez	11.0	1013.0	—	1014.0	0.0	1012.0	— 1.2	1013.0	— 0.1	12.2	1014.2	—	1015.2	0.0	1013.2	— 1.2	1014.2	— 0.1
	Abu Redes	4.0	1011.8	—	1013.4	—	1011.5	—	1012.3	—	4.0	1012.2	—	1013.8	—	1011.9	—	1012.7	—
	Tor	4.2	1011.5	—	1012.8	— 0.6	1011.0	— 0.8	1011.6	— 0.3	4.2	1011.9	—	1013.2	— 0.4	1011.4	— 0.8	1012.0	— 0.3
	Hurghada	2.8	1011.8	+ 0.6	1013.4	+ 0.6	1011.2	+ 0.2	1012.0	+ 0.5	2.8	1012.0	+ 0.6	1013.6	+ 0.6	1011.4	+ 0.2	1012.2	+ 0.5
	Quseir	11.3	1010.6	—	1012.1	— 0.1	1010.0	— 0.5	1011.2	— 0.2	11.3	1011.6	—	1013.1	— 0.1	1011.6	— 0.5	1012.2	— 0.2
	Abul Kizan	5.0	—	—	1012.8	—	1011.3	—	1011.7	—	5.0	—	—	1013.4	—	1011.9	—	1012.3	—

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

OCTOBER 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	20.8	—	21.3	— 1.0	26.1	— 0.1	23.2	+ 0.2	18.4	—	18.5	— 0.8	20.3	+ 0.2	19.9	+ 0.7	78	—	75	+ 9	57	+ 2	73	+ 5
	Sidi Barrani	19.6	0.0	20.8	— 0.4	25.4	— 0.1	22.4	— 0.1	17.2	+ 0.2	17.9	+ 0.1	20.2	+ 0.1	19.1	+ 0.1	78	+ 2	74	+ 4	60	+ 1	72	+ 2
	Mersa Matruh (A)	19.4	+0.2	21.2	— 0.6	26.0	+ 0.3	22.0	— 0.1	17.5	+ 0.8	18.5	+ 0.3	19.9	— 0.1	18.8	0.0	82	+ 6	76	+ 7	57	0	72	0
	Ras El Hikma	20.9	—	22.0	—	25.2	—	22.0	—	18.4	—	19.0	—	20.1	—	19.0	—	78	—	74	—	61	—	74	—
	Dabaa	19.6	—	21.3	—	26.0	—	22.2	—	17.5	—	18.5	—	19.9	—	18.9	—	81	—	75	—	55	—	72	—
	Dekheila (A)	21.3	—	22.4	—	27.0	—	23.3	—	18.5	—	19.2	—	21.1	—	19.4	—	75	—	72	—	75	—	68	—
	Ras El Teen	22.8	—	23.0	—	25.1	—	23.7	—	18.9	—	20.1	—	20.7	—	20.0	—	75	—	75	—	66	—	70	—
	Alexandria (A)	20.5	+0.7	23.4	+ 0.5	27.9	+ 1.3	22.5	+ 0.7	18.6	+ 0.8	20.3	+ 0.9	21.4	+ 1.4	19.4	+ 0.7	83	+ 2	74	+ 4	54	0	73	0
	Balteam	22.6	—	24.7	—	27.4	—	23.8	—	19.4	—	20.6	—	21.4	—	20.0	—	72	—	67	—	56	—	69	—
	Damietta	20.4	—	23.7	— 0.2	28.2	+ 2.7	22.5	— 0.4	19.0	—	20.8	+ 0.3	21.9	+ 1.5	19.9	+ 0.1	87	—	76	+ 4	55	— 6	77	+ 3
	Port Said (A)	23.5	+0.5	24.4	+ 0.3	26.9	+ 0.7	24.4	+ 0.5	20.5	+ 0.5	21.0	+ 0.6	21.7	+ 0.6	20.8	+ 0.6	75	+ 1	72	+ 2	61	0	71	+ 1
	El Arish	21.0	+0.5	24.1	— 0.1	27.8	+ 1.1	24.5	+ 0.6	19.3	+ 1.2	20.9	+ 0.7	22.3	0.0	21.0	+ 0.6	85	+ 6	74	+ 6	60	— 7	72	0
	Ghazza	21.1	—	23.3	—	26.2	—	24.6	—	18.9	—	19.8	—	22.2	—	21.0	—	80	—	71	—	69	—	71	—
Lower Egypt	El Sirw	20.8	—	24.7	+ 0.8	28.0	+ 1.1	22.8	0.0	—	—	21.2	+ 0.3	21.4	— 0.6	20.4	0.0	—	—	72	— 3	54	—10	79	0
	Sakha	19.2	—	23.6	+ 1.5	31.5	+ 2.9	23.3	+ 2.7	—	—	21.3	+ 1.8	23.4	+ 1.6	20.9	+ 1.9	—	—	81	+ 1	48	— 5	80	— 5
	Mansoura	17.9	—	23.2	+ 0.8	29.5	+ 0.6	21.7	— 0.1	16.9	—	20.7	+ 1.2	21.0	+ 0.5	19.1	+ 0.4	90	—	79	+ 4	43	— 1	77	+ 4
	Damanhour	18.7	—	21.5	— 0.1	28.9	+ 1.3	21.7	+ 0.3	—	—	19.5	+ 0.3	20.9	+ 0.4	19.4	+ 0.7	—	—	82	+ 3	46	— 3	80	+ 4
	Gimmeiza	—	—	24.2	+ 1.9	30.5	+ 1.3	22.0	+ 1.4	—	—	21.3	+ 1.4	22.9	+ 0.9	19.9	+ 0.8	—	—	76	— 5	50	— 1	81	— 5
	Tanta	18.5	—	21.9	+ 1.2	30.2	+ 0.9	22.0	— 0.3	17.1	—	19.2	+ 1.2	21.5	+ 1.0	19.0	+ 0.5	86	—	76	0	43	+ 2	74	+ 6
	Tahrir	19.3	—	21.8	—	29.5	—	22.8	—	17.8	—	19.2	—	19.9	—	19.3	—	85	—	77	—	37	—	70	—
	Shebin El Kom	19.4	—	22.0	+ 1.3	31.5	+ 2.2	23.2	+ 0.9	17.5	—	19.2	+ 1.2	22.5	+ 2.0	19.5	+ 1.0	82	—	76	0	43	+ 2	65	+ 1
	Zagazig	20.3	—	21.8	— 0.9	30.5	+ 1.0	23.6	+ 1.7	—	—	19.5	— 0.8	21.1	— 0.7	20.1	+ 0.6	—	—	80	+ 1	40	— 8	72	— 7
	Abu Sueir (A)	20.5	—	22.6	—	30.6	—	24.1	—	18.4	—	19.5	—	20.0	—	19.7	—	81	—	73	—	33	—	65	—
	Banha	20.4	—	21.1	—	29.1	—	23.4	—	18.2	—	18.8	—	21.1	—	19.3	—	80	—	79	—	46	—	66	—
	Zaher (A)	20.2	—	22.1	—	30.5	—	24.0	—	17.9	—	18.9	—	19.9	—	19.3	—	79	—	72	—	33	—	62	—
	Wadi El Natrun	20.2	—	22.0	+ 0.8	30.9	+ 1.3	24.0	— 0.2	17.8	—	18.8	+ 0.8	19.7	— 0.3	18.9	— 0.1	78	—	72	— 1	31	— 6	60	+ 1
	Inshas (A)	19.8	—	21.8	—	30.3	—	23.4	—	17.8	—	18.8	—	20.5	—	19.4	—	81	—	74	—	37	—	67	—
	Fayed (A)	21.2	—	23.6	—	31.3	—	24.7	—	18.4	—	20.0	—	20.3	—	20.0	—	75	—	70	—	32	—	63	—
	Kabrit (A)	21.5	—	22.9	—	30.0	—	24.7	—	18.9	—	19.6	—	21.1	—	20.1	—	77	—	72	—	39	—	64	—
Cairo Area	Cairo (A)	21.2	+1.4	23.1	+ 1.5	30.2	+ 1.1	24.6	+ 0.9	18.5	+ 1.2	18.9	+ 0.8	19.6	0.0	19.3	+ 0.9	76	— 1	65	— 5	33	— 4	58	0
	Mostafa Helmi (A)	19.9	—	21.6	—	29.3	—	23.6	—	17.7	—	18.3	—	19.4	—	18.3	—	79	—	71	—	35	—	57	—
	Almaza (A)	21.0	+1.0	22.8	+ 0.8	30.9	+ 1.6	24.9	+ 0.8	17.7	+ 0.1	18.3	— 0.1	20.0	+ 0.1	18.8	— 0.1	71	—	63	— 7	32	— 6	54	— 5
	Abbasiya (H.Q.)	21.6	—	24.2	—	32.3	—	25.3	—	18.5	—	19.5	—	21.3	—	19.5	—	72	— 7	62	—	33	—	56	—
	Imbaba (A)	19.9	—	22.5	—	30.7	—	24.0	—	17.4	—	18.9	—	20.6	—	18.8	—	77	—	69	—	37	—	59	—
	Giza	20.3	—	22.3	+ 1.4	30.1	+ 0.6	24.6	+ 1.7	18.4	—	19.2	+ 0.5	19.8	— 0.8	19.1	+ 0.3	83	—	73	— 7	35	— 6	57	— 9
	Helwan	21.3	—	23.5	+ 1.9	30.4	+ 1.1	24.7	+ 0.3	17.9	—	18.5	+ 0.7	19.1	+ 0.3	18.4	+ 0.4	70	—	59	— 8	30	— 2	52	+ 2

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

OCTOBER 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	21.3	—	23.2	+ 1.2	31.7	+ 1.5	25.3	+ 1.7	18.2	—	19.4	+ 0.9	20.7	+ 0.9	18.7	+ 0.4	73	—	68	— 1	33	0	50	— 6
	Beni Suef	20.8	—	21.8	— 0.5	31.9	+ 0.6	23.8	+ 0.3	17.3	—	17.7	— 0.6	20.7	—	18.4	—	69	—	65	—	32	—	57	—
	Seds	19.9	—	22.3	+ 0.8	31.3	+ 0.8	22.8	+ 0.6	—	—	19.3	+ 0.5	22.0	— 1.1	19.0	+ 1.0	—	—	74	— 2	41	+ 2	68	+ 4
	Minya (A)	18.7	+ 0.4	21.7	+ 0.7	32.3	+ 1.5	23.2	+ 1.2	15.9	+ 0.3	18.3	+ 0.7	20.2	+ 0.3	17.9	+ 0.8	73	— 1	71	+ 1	28	— 4	57	— 2
	Mallawi	16.9	—	20.0	—	32.2	—	20.9	—	—	—	18.3	—	22.7	—	18.3	—	—	—	84	—	41	—	77	—
	AsyoutMangabad. (A)	22.0	+ 0.9	23.0	+ 1.2	31.0	+ 0.9	26.6	+ 1.0	15.7	— 0.4	17.1	— 0.4	19.7	0.0	18.1	0.0	48	— 9	53	—11	30	— 4	40	— 5
	Shandaweel	21.2	—	23.8	0.0	31.6	+ 1.0	24.3	+ 0.7	—	—	19.8	+ 0.1	22.5	0.0	20.2	+ 0.2	—	—	67	0	42	— 5	67	— 3
	Nag Hammadi	21.0	—	22.9	— 1.3	33.4	+ 2.0	25.3	+ 1.2	—	—	19.5	+ 0.4	23.0	+ 1.2	20.3	+ 1.3	—	—	71	+11	38	— 2	62	+ 2
	Kena	23.5	—	25.1	+ 1.0	34.3	+ 0.7	26.9	+ 0.6	—	—	19.0	+ 0.4	23.1	+ 0.3	19.9	+ 0.8	—	—	54	— 3	35	— 1	49	+ 1
	Luxor (A)	22.1	+ 0.6	26.1	0.0	34.6	0.0	26.4	— 0.3	16.4	+ 0.5	18.9	+ 0.6	21.5	+ 0.2	19.5	+ 0.9	53	+ 5	47	— 2	27	— 4	50	+ 6
	Kom Ombo	22.6	—	26.0	—	36.9	—	28.3	—	15.4	—	17.9	—	20.8	—	17.2	—	43	—	42	—	18	—	28	—
	Aswan (A)	24.5	—	25.4	— 0.4	36.5	+ 0.3	30.1	— 1.1	14.9	—	15.6	— 2.0	19.4	— 1.9	16.0	— 3.0	30	—	30	—11	13	— 8	16	—10
Desert	Siwa	20.2	+ 1.2	20.7	+ 0.9	30.7	+ 1.4	24.7	+ 0.7	15.7	+ 1.0	16.9	+ 1.1	19.2	+ 1.0	16.9	+ 0.5	59	— 1	67	+ 4	29	0	42	0
	Bahariya	20.5	—	21.5	+ 0.2	32.0	+ 2.1	25.4	+ 1.8	15.5	—	16.6	— 0.9	19.2	— 0.8	16.8	— 0.3	55	—	58	— 9	25	—11	38	—11
	Farafra	19.7	—	19.3	— 1.5	31.9	+ 1.5	25.1	+ 1.2	13.3	—	13.6	— 2.4	18.6	— 0.7	15.3	— 0.9	44	—	49	— 9	22	— 9	30	—11
	Dakhla	20.2	—	22.1	— 0.6	33.8	+ 1.9	25.9	+ 0.9	12.9	—	14.6	— 1.8	18.7	— 1.3	15.7	— 1.6	38	—	40	— 9	17	—12	30	— 6
	Kharga	21.5	—	24.9	+ 0.8	35.7	+ 2.5	26.3	— 0.8	14.5	—	17.0	— 1.0	20.5	— 0.9	16.4	— 1.7	42	—	41	—11	20	—11	31	— 7
Red Sea	Suez	23.0	—	23.4	+ 0.9	31.4	+ 1.8	25.9	+ 1.5	—	—	21.1	+ 1.9	22.7	+ 2.2	21.8	+ 2.2	—	—	81	+ 9	44	+ 4	68	+ 6
	Abu Redes	23.9	—	26.4	—	29.2	—	26.4	—	18.8	—	20.6	—	22.8	—	21.2	—	60	—	57	—	56	—	61	—
	Tor	22.9	—	25.8	+ 1.2	29.3	+ 1.2	27.0	+ 1.1	18.1	—	19.9	+ 0.1	22.8	+ 0.3	20.9	— 0.4	60	—	56	— 6	55	— 9	56	— 9
	Hurghada	22.4	+ 0.3	26.4	+ 1.4	30.0	+ 2.5	26.0	+ 0.6	17.2	+ 0.1	19.6	+ 0.2	22.4	— 0.5	20.7	+ 0.4	56	— 2	50	— 7	49	—17	60	— 1
	Quseir	24.6	—	28.1	+ 0.7	29.7	+ 0.8	26.2	— 0.2	19.5	—	20.4	0.0	23.3	— 0.2	22.2	+ 0.8	60	—	46	— 4	56	— 6	69	+ 6
	Abul Kizan	27.8	—	29.2	+ 0.2	29.5	— 0.2	28.2	+ 0.4	—	—	25.3	— 0.4	25.4	— 0.7	24.8	— 0.6	—	—	71	— 5	70	— 4	74	— 7

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

OCTOBER 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	1014.2	— 1.3	1014.7	— 1.3	27.7	0.0	19.3	+ 2.1	23.5	a	23.0	+ 0.8	a	19.3	+ 1.0	a	69	+ 2
	Sidi Barrani	a	1011.5	— 1.7	1014.1	— 1.7	26.4	— 0.4	17.6	0.0	22.0	a	22.1	+ 0.1	a	18.6	+ 0.2	a	70	+ 1
	Mersa Matruh (A)	a	1012.0	— 0.7	1015.5	— 0.7	27.2	+ 0.2	17.7	+ 0.3	22.4	a	22.1	0.0	a	18.6	+ 0.3	a	70	+ 2
	Ras El Hikma	a	1009.5	—	1014.9	—	26.0	—	19.0	—	22.5	a	22.4	—	a	19.1	—	a	72	—
	Dabaa	a	1012.1	—	1014.1	—	26.8	—	17.9	—	22.4	a	22.2	—	a	18.	—	a	69	—
	Dekheila (A)	a	1014.3	—	1015.0	—	27.6	—	19.2	—	23.4	a	23.4	—	a	19.	—	a	68	—
	Ras El Teen	a	1014.2	—	1015.2	—	26.0	—	21.4	—	23.7	a	23.7	—	a	20.2	—	a	72	—
	Alexandria (A)	a	1014.0	— 1.3	1014.8	— 1.3	29.3	+ 1.5	18.2	+ 0.5	23.8	a	23.4	+ 0.6	a	19.7	+ 0.8	a	70	+ 3
	Balteam	a	1014.5	—	1014.7	—	29.0	—	20.4	—	24.7	a	24.5	—	a	20.3	—	a	66	—
	Damietta	a	1014.3	— 1.0	1014.7	— 1.0	29.4	+ 1.5	19.0	+ 0.2	24.2	a	23.4	+ 0.5	a	20.2	+ 0.6	a	73	0
	Port Said (A)	a	1013.6	— 0.8	1014.3	— 0.8	27.9	+ 0.7	22.3	+ 0.5	25.1	a	24.8	+ 0.6	a	21.0	+ 0.6	a	69	0
	El Arish	a	1012.6	— 0.8	1014.5	— 0.8	29.2	+ 0.5	19.2	— 0.4	24.2	a	24.2	+ 1.0	a	20.8	+ 1.2	a	72	+ 2
	Ghazza	a	1012.5	—	1014.3	—	27.3	—	19.4	—	23.4	a	23.7	—	a	20.5	—	a	74	—
Lower Egypt	El Sirw	—	—	—	—	—	28.1	— 0.1	18.9	+ 1.4	23.5	c	24.1	+ 1.3	c	21.2	+ 1.1	e	76	— 1
	Sakha	—	—	—	—	—	31.6	+ 2.1	16.8	+ 1.3	24.2	c	24.1	+ 2.4	c	21.7	+ 2.0	e	80	— 2
	Mansoura	a	1014.5	— 0.3	1014.9	— 0.3	30.4	0.0	16.1	— 1.5	23.4	a	22.7	+ 0.1	a	19.1	— 0.5	a	70	— 4
	Damanhour	c	1014.1	— 1.3	1014.8	— 1.3	30.3	+ 0.7	17.2	+ 0.1	23.8	c	22.6	+ 0.7	c	20.4	+ 1.0	e	81	+ 3
	Gimmeiza	—	—	—	—	—	31.2	+ 0.9	16.3	+ 1.1	23.8	—	—	—	—	—	—	—	—	—
	Tanta	a	1012.7	— 1.2	1013.9	— 1.2	30.9	+ 0.8	17.1	+ 1.7	24.0	a	23.0	+ 1.1	a	19.1	— 0.3	a	67	—13
	Tahrir	a	1012.2	—	1014.3	—	31.0	—	17.7	—	24.0	a	23.3	—	a	19.0	—	a	65	—
	Shebin El Kom	a	1012.9	— 1.0	1014.4	— 1.0	32.3	+ 1.7	18.0	+ 1.5	25.2	a	24.1	+ 1.9	a	19.7	+ 0.8	a	65	— 7
	Zagazig	c	1013.3	— 0.9	1014.9	— 0.9	31.1	+ 0.5	18.5	+ 2.1	24.8	c	24.0	+ 1.4	c	21.1	+ 0.9	e	76	— 3
	Abu Sueir (A)	a	1012.8	—	1014.7	—	31.8	—	18.5	—	25.2	a	24.4	—	a	19.3	—	a	65	—
	Banha	a	1012.4	—	1014.1	—	29.9	—	18.9	—	24.4	a	23.7	—	a	19.4	—	a	65	—
	Zaher (A)	a	1010.0	—	1013.5	—	31.0	—	18.4	—	24.7	a	24.3	—	a	18.9	—	a	57	—
	Wadi El Natrun	a	1014.9	0.0	1015.0	0.0	31.8	+ 0.9	17.4	+ 0.8	24.6	a	24.4	+ 1.5	a	18.7	— 0.2	a	55	—11
	Inshas (A)	a	1009.8	—	1012.8	—	30.7	—	18.2	—	24.4	a	23.9	—	a	19.1	—	a	61	—
	Fayed (A)	a	1012.2	—	1014.6	—	31.9	—	19.3	—	25.6	a	25.1	—	a	19.6	—	a	58	—
	Kabrit (A)	a	1012.7	—	1014.1	—	31.3	—	19.3	—	25.3	a	24.8	—	a	19.8	—	a	61	—

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

OCOTBER 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	1006.5	— 1.2	1014.1	— 1.2	31.1	+ 1.3	19.5	+ 1.6	25.3	a	24.8	+ 1.3	a	19.0	+ 0.7	a	55	— 3
	Mostafa Helmi (A)	a	995.3	—	1014.2	—	29.9	—	18.4	—	24.2	a	23.6	—	a	18.4	—	a	58	—
	Almaza (A)	a	1004.7	— 1.2	1013.8	— 1.3	31.5	+ 1.2	19.3	+ 1.2	25.4	a	24.9	+ 1.0	a	18.6	0.0	a	52	— 6
	Abbasiya (H.Q.)	a	1011.9	—	1015.0	—	33.7	—	20.0	—	26.8	a	25.8	—	a	19.7	—	a	54	—
	Imbaba A)	a	1011.8	—	1013.9	—	31.5	—	17.8	—	24.6	a	24.2	—	a	18.9	—	a	58	—
	Giza	a	1011.4	— 1.1	1014.2	— 1.1	31.6	+ 1.5	17.7	+ 2.1	24.6	a	24.3	+ 2.1	a	19.0	— 0.1	a	58	—15
	Helwan	a	997.7	— 0.5	1014.2	— 0.6	30.4	+ 0.3	19.2	+ 0.8	24.8	a	24.8	+ 1.2	a	18.3	— 0.1	a	50	— 8
Upper Egypt	Fayoum	a	1011.1	— 0.5	1013.9	— 0.6	32.5	+ 1.2	19.1	+ 2.0	25.8	a	25.4	+ 2.2	a	19.2	+ 0.4	a	53	— 9
	Beni Suef	a	1009.9	— 1.0	1013.4	— 0.9	32.5	+ 0.9	17.4	+ 1.9	24.9	a	24.8	+ 1.4	a	18.7	+ 0.2	a	53	—
	Seds	a	—	—	—	—	32.8	+ 1.0	16.5	+ 1.5	24.5	c	24.1	+ 1.9	c	20.5	+ 1.8	c	71	+ 1
	Minya (A)	—	1008.5	— 1.2	1013.2	— 1.3	32.7	+ 0.5	16.3	+ 0.4	24.5	a	23.9	+ 0.7	a	17.9	+ 0.1	a	53	— 3
	Mallawi	a	—	—	—	—	33.2	—	15.1	—	24.3	c	22.5	—	c	20.2	—	c	80	—
	Asyout Mangabad (A)	—	1005.3	— 0.2	1013.4	— 0.1	31.9	+ 0.9	19.3	+ 1.2	25.6	a	25.6	+ 1.3	a	17.6	+ 0.1	a	42	— 6
	Shandaweel	a	—	—	—	—	33.5	+ 1.7	18.9	+ 0.9	26.2	c	25.2	+ 0.6	c	20.8	+ 0.2	c	67	— 1
	Nag Hammadi	—	—	—	—	—	34.9	+ 2.1	18.6	+ 1.3	26.8	c	25.6	+ 1.4	c	21.2	+ 2.0	c	66	+ 6
	Kena	c	1003.1	— 0.8	1012.4	— 1.0	36.6	+ 1.4	21.3	+ 2.1	29.0	c	27.4	+ 1.6	c	20.7	+ 1.3	c	52	0
	Luxor (A)	a	1001.9	— 0.1	1011.9	— 0.2	35.7	— 0.2	18.4	+ 0.2	26.6	a	27.0	+ 0.4	a	18.8	+ 0.8	a	42	— 3
	Kom Ombo	a	999.2	—	1010.9	—	37.8	—	19.2	—	28.5	a	28.2	—	a	17.7	—	a	31	—
	Aswan (A)	a	988.6	— 0.4	1011.3	— 0.4	37.7	+ 0.6	21.2	— 0.7	29.4	a	29.2	+ 0.8	a	16.5	— 2.0	a	20	—14
Western Desert	Siwa	a	1016.1	— 2.2	1014.5	— 2.1	31.7	+ 0.8	16.6	+ 0.5	24.2	a	24.2	+ 1.4	a	17.1	+ 1.2	a	46	+ 1
	Bahariya	a	998.9	— 1.1	1014.0	— 1.1	32.5	+ 1.5	16.9	+ 1.0	24.7	a	24.8	+ 2.1	a	16.9	— 0.7	a	46	—12
	Farafra	a	1004.2	— 1.7	1014.8	— 1.7	32.8	+ 1.3	15.7	+ 0.4	24.2	a	24.2	+ 1.6	a	15.3	— 0.1	a	33	—10
	Dakhla	a	998.4	— 1.6	1011.2	— 1.7	34.5	+ 1.5	16.2	— 1.7	25.2	a	25.5	+ 0.8	a	15.4	— 1.6	a	28	—14
	Kharga	a	1004.6	— 0.7	1012.8	— 0.6	36.0	+ 2.0	18.9	0.0	27.4	a	27.1	+ 1.3	a	17.0	— 1.1	a	31	—13
Red Sea	Suez	c	1013.1	— 0.5	1014.3	— 0.5	32.6	+ 1.6	18.7	— 0.2	25.8	c	25.9	+ 2.0	c	22.6	+ 3.0	c	74	+ 7
	Abu Redes	a	1012.2	—	1012.6	—	30.2	—	21.9	—	26.2	a	26.2	—	a	20.7	—	a	59	—
	Tor	a	1011.7	— 0.6	1012.1	— 0.6	30.8	+ 1.2	20.2	+ 1.6	25.5	a	25.9	+ 1.6	a	20.5	+ 0.7	a	59	— 5
	Hurghada	a	1012.1	+ 0.5	1012.3	+ 0.5	30.8	+ 2.6	23.5	+ 3.5	27.2	a	25.9	+ 1.0	a	19.8	+ 0.2	a	55	— 4
	Quseir	a	1011.1	— 0.6	1012.1	— 0.6	30.4	+ 0.2	23.4	+ 0.5	26.9	a	26.8	+ 0.4	a	21.3	+ 0.9	a	59	+ 3
	Abul Kizan	—	—	—	—	—	31.1	+ 0.4	27.1	+ 1.3	29.1	c	28.7	+ 0.6	c	24.9	— 0.3	c	72	— 6

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

OCTOBER 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	33.1	21	21.3	27	29	3	0	0	0	22.5	22	15.4	28				
	Sidi Barrani	31.6	21	23.6	18	23	3	0	0	0	20.2	1	14.9	29	0	0	0	0
	Mersa Matruh (A)	32.0	21	21.0	28	30	2	0	0	0	20.7	23	14.9	29	0	0	0	0
	Ras El Hikma	29.1	31	23.1	28	26	0	0	0	0	22.1	2	15.5	29	0	0	0	0
	Dabaa	30.7	12-31	24.0	28	28	2	0	0	0	21.2	10	14.7	31	0	0	0	0
	Dekheila (A)	31.0	31	25.4	28	31	2	0	0	0	23.0	1	15.4	29	0	0	0	0
	Ras El Teen	29.8	31	23.[illegible]	28	23	0	0	0	0	24.8	1	16.6	28	0	0	0	0
	Alexandria (A)	32.8	1	26.2	25-28	31	12	0	0	0	21.6	10	14.0	30	0	0	0	0
	Balteam	33.8	3	26.9	30	31	5	0	0	0	24.8	2	17.0	30	0	0	0	0
	Damietta	33.9	3	26.8	9,21	31	9	0	0	0	23.5	2	15.6	29	0	0	0	0
	Port Said (A)	31.7	3	26.0	29	31	2	0	0	0	25.3	2	18.9	29	0	0	0	0
	El Arish	33.4	2	26.5	25	31	9	0	0	0	22.4	4	16.3	26	0	0	0	0
	Ghazza	33.0	27	24.7	25	30	1	0	0	0	23.4	4	16.4	26	0	0	0	0
Lower Egypt	EL Sirw	35.2	3	26.6	24	31	8	1	0	0	23.5	2	15.0	29	0	0	0	0
	Sakha	36.3	20	26.5	25	31	20	2	0	0	20.5	2	14.3	30	0	0	0	0
	Mansoura	33.5	3	27.5	24-28-30	31	17	0	0	0	18.9	2	13.4	29	0	0	0	0
	Damanhour	34.7	3	27.1	24	31	14	0	0	0	20.1	2	14.1	30	0	0	0	0
	Gimmeiza	35.0	1-3	28.5	30	31	17	0	0	0	19.0	2,3	13.0	30	0	0	0	0
	Tanta	34.9	1	27.2	24	31	21	0	0	0	19.7	2	13.8	30	0	0	0	0
	Tahrir	34.6	1	27.5	24	31	19	0	0	0	20.2	2,3	14.3	30	0	0	0	0
	Shebin El Kom	37.0	1	28.2	24	31	26	5	0	0	21.2	2	15.2	29	0	0	0	0
	Zagazig	36.3	3	27.8	25	31	21	1	0	0	21.3	2	17.0	26-30	0	0	0	0
	Abu Sueir (A)	37.0	3	28.4	29	31	23	2	0	0	22.6	2	14.9	29	0	0	0	0
	Banha	34.1	1	26.2	25	31	13	0	0	0	21.8	2	16.3	29	0	0	0	0
	Zaher (A)	35.0	3	27.6	28	31	19	1	0	0	22.0	2	15.5	29	0	0	0	0
	Wadi EL Natrun	36.4	1	27.7	25	31	22	2	0	0	20.3	3	13.5	30	0	0	0	0
	Inshas (A)	35.3	3	27.1	30	31	17	1	0	0	21.4	2	15.8	29	0	0	0	0
	Fayed (A)	38.0	3	27.7	29	31	21	4	0	0	23.4	2	16.2	30	0	0	0	0
	Kabrit (A)	36.6	3	26.6	29	31	20	2	0	0	22.9	3	16.0	29	0	0	0	0
	Delta Barrage	35.5	1	27.3	25	31	20	1	0	0	21.0	2	13.7	29	0	0	0	0
Cairo Area	Cairo A)	36.0	3	27.3	25	31	18	2	0	0	22.0	3	16.1	29	0	0	0	0
	Mostafa Helmi (A	35.4	3	26.1	25	31	13	1	0	0	22.0	5	15.0	29	0	0	0	0
	Almaza (A)	36.0	3	27.5	29	31	21	3	0	0	21.0	3	16.7	29	0	0	0	0
	Abbasiya (H.Q)	38.4	1	28.9	28	31	18	10	0	0	23.0	2,21	16.5	29	0	0	0	0
	Imbaba A)	36.5	3	27.7	24	31	21	2	0	0	21.5	2	13.7	30	0	0	0	0
	Giza	35.8	3-21	27.7	29	31	19	4	0	0	22.2	1	13.4	29	0	0	0	0
	Helwan	37.8	1	26.5	25	31	20	2	0	0	22.6	2	15.7	25	0	0	0	0

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

OCTOBER 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	37.5	1	27.5	25	31	24	7	0	0	22.1	2,3	15.8	29	0	0	0	0
	Beni Suef	37.4	1,22	28.0	25,29	31	25	9	0	0	22.3	27	12.9	30	0	0	0	0
	Seds	38.0	22	27.5	29	31	22	7	0	0	20.0	2	12.5	30	0	0	0	0
	Minya (A)	38.2	22	27.0	29	31	23	11	0	0	19.8	1	12.0	29	0	0	0	0
	Mallawi	38.0	2	28.0	28,29	31	25	11	0	0	17.8	1	11.5	30	0	0	0	0
	Asyout (Mangabad) (A)	37.3	1	26.8	28	31	22	4	0	0	22.8	3	14.6	30	0	0	0	0
	Shandaweel	37.3	2	29.6	28	31	30	10	0	0	23.5	3	14.5	31	0	0	0	0
	Nag Hammadi	39.0	2,22	30.0	30	31	30	15	0	0	22.4	4	15.5	31	0	0	0	0
	Kena	41.9	3	31.3	28	31	31	20	4	0	25.4	4	17.6	30	0	0	0	0
	Luxor (A)	39.6	2	31.2	30	31	31	19	0	0	25.0	4	15.3	29	0	0	0	0
	Kom Ombo	43.4	2	33.5	29,30	31	31	26	6	0	25.4	1,2	16.0	27	0	0	0	0
	Aswan (A)	44.5	2	32.4	10	31	31	23	8	0	27.0	2	17.8	29,30	0	0	0	0
Western Desert	Siwa	38.0	21	27.2	27,28	31	31	3	0	0	20.5	14	11.4	29	0	0	0	0
	Bahariya	38.0	22	26.9	28	31	24	8	0	0	20.7	3	11.2	29	0	0	0	0
	Farafra	38.2	22	27.8	28	31	24	8	0	0	19.8	3	11.0	29	0	0	0	0
	Dakhla	40.8	23	28.1	28	31	29	14	2	0	23.7	3	9.8	30	1	0	0	0
	Kharga	42.6	22	30.2	28	31	31	16	6	0	24.8	3	11.6	30	0	0	0	0
Red Sea	Suez	38.0	21	28.0	25	31	27	10	0	0	23.0	2	15.6	25	0	0	0	0
	Abu Redes	36.9	27	27.0	29	31	15	2	0	0	23.8	12,24	19.9	31	0	0	0	0
	Tor	34.8	2	27.6	29	31	18	0	0	0	24.7	9	17.2	15	0	0	0	0
	Hurghada	33.2	5	28.5	30	31	21	0	0	0	23.3	3	17.0	27	0	0	0	0
	Quseir	32.5	5	28.9	25	31	19	0	0	0	25.7	13	21.2	27	0	0	0	0
	Abul Kizan	33.4	5	30.0	11,20	31	29	0	0	0	28.0	14	25.2	26	0	0	0	0

TABLE A 5. — RAINFALL AND SNOW DEPTH

OCTOBER 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	10.6	+[illegible]	5.9	27	1	6	2	1	0	0	0	0	—
	Sidi Barrani	11.1	+0.8	8.8	2	0	3	2	1	0	0	0	0	—
	Mersa Matruh (A)	19.4	+3.[illegible]	10.2	5	3	6	5	1	1	0	0	0	—
	Ras El Hikma	[illegible]	—	6.7	5	0	6	3	1	0	0	0	0	—
	Dabaa	13.6	+0.2	8.7	27	0	2	2	1	0	0	0	0	—
	Dekheila (A)	9.0	—	6.1	27	1	4	2	1	0	0	0	0	—
	Ras El Teen	10.7	—	6.7	27	0	4	4	1	0	0	0	0	—
	Alexandria (A)	5.9	−6	5.8	27	0	5	3	1	0	0	0	0	—
	Balteam	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Damietta	2.5	−2.4	0.8	10	0	4	0	0	0	0	0	0	—
	Port Said (A)	4.9	+2.2	3.4	23	0	3	2	0	0	0	0	0	—
	El Arish	0.2	−0.2	0.2	7	1	1	0	0	0	0	0	0	—
	Ghazza	35.9	—	15.2	24	0	7	4	2	1	0	0	0	—
	Fuka	22.6	+8.0	4.5	21	0	5	5	0	0	0	0	0	—
	Hammam	5.0	−1.6	3.0	10	0	2	2	0	0	0	0	0	—
	Burg El Arab	22.0	+12.2	20.2	[illegible]	0	3	2	1	1	0	0	0	—
	Mex	8.8	+2.[illegible]	4.9	27	0	3	3	0	0	0	0	0	—
	Kom El Tarfaia	0.6	−4.5	0.0	—	0	0	0	0	0	0	0	0	—
	Rosetta L.H.	5.2	−2.2	3.0	5	0	2	2	0	0	0	0	0	—
	Borollos L.H.	0.3	−6.7	0.3	10	0	1	0	0	0	0	0	0	—
	Demeitta L.H.	5.0	−1	5.0	25	3	1	1	1	0	0	0	0	—
Lower Egypt	El Sirw	0.0	−2.8	0.0	—	0	0	0	0	0	0	0	0	—
	Sakha	0.0	−4.7	0.0	—	0	0	0	0	0	0	0	0	—
	Mansoura	1.2	−4.[illegible]	0.3	*	0	4	0	0	0	0	0	0	—
	Damanhour	0.5	[illegible]	0.4	25	3	2	0	0	0	0	0	0	—
	Gimmeiza	0.0	[illegible]	0.0	—	0	0	0	0	0	0	0	0	—
	Tanta	3	−6.8	3.3	27	0	2	1	0	0	0	0	0	—
	Tahrir	Tr.	—	Tr.	*	5	0	0	0	0	0	0	0	—
	Shebin El Kom	3.7	+1.7	3.6	27	1	2	1	0	0	0	0	0	—
	Zagazig	Tr.	−1.7	Tr.	26	1	0	0	0	0	0	0	0	—
	Abu Sueir (A)	Tr.	—	Tr.	26,27	2	0	0	0	0	0	0	0	—
	Banha	Tr.	−1.8	Tr.	26	1	0	0	0	0	0	0	0	—
	Zaher (A)	Tr.	—	Tr.	27	1	0	0	0	0	0	0	0	—
	Wadi El Natrun	Tr.	−0.6	Tr.	25	1	0	0	0	0	0	0	0	—
	Inshas (A)	0.2	—	0.2	26	0	1	0	0	0	0	0	0	—
	Fayed (A)	Tr.	—	Tr.	9,27	2	0	0	0	0	0	0	0	—
	Kabrit (A)	Tr.	—	Tr.	24	1	0	0	0	0	0	0	0	—
	Delta Barrage	0.0	0	0.0	—	0	0	0	0	0	0	0	0	—
	Tolombat El Boseili	1	−3.6	1.0	9	4	2	1	0	0	0	0	0	—
	Kafr El Dawar	5.0	−1.9	5.0	8	0	2	2	0	0	0	0	0	—
	Kafr El Sheikh	0.0	−3.8	0.0	—	0	0	0	0	0	0	0	0	—
	Kafr El Zayat	Tr.	−2.9	Tr.	25,27	2	0	0	0	0	0	0	0	—
	Faqus	7.9	+2.9	7.9	29	0	1	1	1	0	0	0	0	—
Cairo Area	Cairo (A)	Tr.	+Tr.	Tr.	6,25	2	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.	+Tr.	Tr.	6,25	2	0	0	0	0	0	0	0	—
	Abbasiya (H.Q)	Tr.	—	Tr.	6,25	2	0	0	0	0	0	0	0	—
	Imbaba (A)	1.4	—	1.4	6	0	1	1	0	0	0	0	0	—
	Giza	1.1	−2.1	1.1	6	0	1	1	0	0	0	0	0	—
	Helwan	Tr.	−1.5	Tr.	25	1	0	0	0	0	0	0	0	—

* = More than three days

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

OCTOBER 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	0.0	—1.0	0.0	—	0	0	0	0	0	0	0	0	—
	Beni Suef	0.0	—0.1	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)	Tr.	—0.6	Tr.	25	1	0	0	0	0	0	0	0	—
	Mallawi	Tr.	—	Tr.	25	1	0	0	0	0	0	0	0	—
	Asyout (Mangabad) (A)	0.0	—Tr.	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	—0.6	0.0	—	0	0	0	0	0	0	0	0	—
	Luxor (A)	0.0	—0.3	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	—0.2	0.0	—	0	0	0	0	0	0	0	0	—
Western Desert	Siwa	0.1	—0.0	0.1	25	0	1	0	0	0	0	0	0	—
	Bahariya	Tr.	+Tr.	Tr.	25	1	0	0	0	0	0	0	0	—
	Farafra	0.0	—1.3	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	1.0	—1.6	1.0	27	0	1	1	0	0	0	0	0	—
	Attapa	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	—1.0	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	—0.8	0.0	—	0	0	0	0	0	0	0	0	—
	Abul Kizan	0.0	—0.7	0.0	—	0	0	0	0	0	0	0	0	—

TABLE A 6.—BRIGHT SUNSHINE, CLOUDINESS, EVAPORATION, BRIGHT & BLACK BULB TEMPERATURES AND GRASS MINIMUM OCTOBER 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				
Mediterranean Sea	Sallum	—	—	—	2.2	—	4.1	—	4.6	—	2.4	—	5.9	—	—	19.1
	Sidi Barrani	—	—	—	—	—	4.2	—	3.9	—	3.2	—	6.0	—	—	—
	Mersa Matruh (A)	270.7	353.6	76.6	1.6	—	3.0	—	3.9	—	2.5	—	5.3	—	—	—
	Ras El Hikma	—	—	—	—	—	2.0	—	2.3	—	2.1	—	6.6	—	—	18.2
	Dabaa	—	—	—	—	—	2.2	—	2.9	—	2.2	—	5.6	—	—	—
	Dekheila (A)	—	—	—	1.7	—	3.1	—	2.5	—	1.9	—	4.6	—	—	—
	Ras El Teen	—	—	—	2.2	—	4.1	—	3.8	—	2.1	—	5.9	—	—	—
	Alexandria	276.1	354.2	77.9	2.4	—	3.8	—	3.3	—	2.3	—	3.9	—	—	—
	Balteam (A)	—	—	—	—	—	3.7	—	4.2	—	1.5	—	4.1	—	—	—
	Damietta	—	—	—	—	—	1.2	—	2.1	—	0.1	—	3.0	—	—	—
	Port Said (A)	284.2	354.2	80.2	0.8	—	2.4	—	2.0	—	1.4	—	6.2	—	—	—
	El Arish	—	—	—	3.1	—	3.8	—	3.1	—	2.5	—	4.9	—	—	17.9
	Ghazza	271.6	353.6	76.8	2.5	—	3.8	—	3.3	—	1.2	—	5.1	—	—	18.8
Lower Egypt	El Sirw	—	—	—	—	—	—	—	—	—	—	—	3.8	—	—	—
	Sakha	—	—	—	—	—	—	—	—	—	—	—	4.1	—	—	16.4
	Mansoura	—	—	—	—	—	1.5	—	2.8	—	0.0	—	4.5	—	—	—
	Damanhour	—	—	—	—	—	—	—	—	—	—	—	3.1	—	—	—
	Gimmeiza	259.9	354.5	73.3	—	—	—	—	—	—	—	—	5.6	—	—	—
	Tanta	291.6	354.5	82.2	—	—	1.4	—	2.5	—	0.2	—	4.3	63	42	—
	Tahrir	287.9	354.8	81.2	—	—	2.5	—	3.2	—	0.8	—	7.1	—	—	16.1
	Shebin El Kom	—	—	—	—	—	1.9	—	2.5	—	0.5	—	3.3	—	—	—
	Zagazig	—	—	—	—	—	—	—	—	—	—	—	4.0	—	—	—
	Abu Sueir (A)	—	—	—	1.3	—	2.4	—	3.1	—	1.1	—	7.5	69	35	16.7
	Bænha	—	—	—	—	—	2.3	—	2.6	—	0.0	—	4.0	—	—	—
	Zaher (A)	—	—	—	0.0	—	2.3	—	2.9	—	0.5	—	7.6	—	—	—
	Wadi El Natrun	—	—	—	—	—	1.9	—	2.3	—	0.3	—	8.4	—	—	—
	Inshas (A)	—	—	—	0.7	—	1.8	—	2.0	—	0.4	—	7.3	—	—	—
	Fayed (A)	—	—	—	—	—	1.7	—	2.2	—	0.8	—	10.2	—	—	—
	Kabrit (A)	—	—	—	—	—	1.5	—	2.6	—	0.7	—	10.2	—	—	—
	Delta Barrage	—	—	—	—	—	—	—	—	—	—	—	3.2	—	—	—
Cairo Area	Cairo (A)	—	—	—	1.3	—	2.4	—	2.9	—	0.8	—	13.3	—	—	—
	Mostafa Helmi (A)	—	—	—	1.4	—	2.3	—	3.0	—	1.0	—	10.7	—	—	—
	Almaza (A)	303.2	355.0	85.4	0.8	—	2.4	—	2.9	—	1.1	—	9.4	—	—	—
	Abbasiya (H.Q.)	298.8	355.0	84.2	0.9	—	1.9	—	2.4	—	0.9	—	5.6	66	44	—
	Imbaba (A)	—	—	—	—	—	1.7	—	2.4	—	0.0	—	7.6	—	—	—
	Giza	295.0	355.0	83.1	—	—	1.6	—	2.4	—	0.3	—	8.0	—	—	13.1
	Helwan	—	—	—	0.5	—	1.1	—	2.0	—	0.8	—	16.3	—	—	—
Upper Egypt	Fayoum	—	—	—	—	—	0.7	—	1.7	—	1.1	—	7.0	—	—	—
	Beni Suef	—	—	—	—	—	0.7	—	1.5	—	0.2	—	6.0	—	—	15.0
	Seds	—	—	—	—	—	—	—	—	—	—	—	4.8	—	—	14.9
	Minya (A)	—	—	—	4.1	—	3.3	—	6.4	—	2.9	—	7.3	—	—	14.1
	Mallawi	—	—	—	—	—	—	—	—	—	—	—	2.6	—	—	13.8
	Asyout (Mangabad) (A)	—	—	—	0.6	—	0.8	—	1.3	—	1.4	—	13.0	—	45	18.3
	Shandaweel	291.7	354.2	82.4	—	—	—	—	—	—	—	—	4.0	—	—	—
	Nag Hammadi	—	—	—	—	—	—	—	—	—	—	—	4.9	—	—	18.1
	Kena	—	—	—	—	—	—	—	—	—	—	—	7.0	63	—	17.9
	Luxor (A)	—	—	—	0.4	—	1.0	—	0.9	—	0.7	—	7.3	—	43	—
	Kom Ombo	—	—	—	—	—	0.4	—	0.3	—	0.1	—	10.9	—	—	13.6
	Aswan (A)	—	—	—	0.3	—	0.6	—	0.6	—	0.3	—	23.3	—	—	—
Western Desert	Siwa	—	—	—	0.6	—	1.5	—	2.5	—	0.7	—	9.4	71	43	14.7
	Bahariya	—	—	—	0.7	—	1.0	—	2.1	—	0.8	—	7.4	—	—	16.1
	Farafra	—	—	—	0.4	—	1.0	—	1.4	—	0.6	—	13.2	—	—	15.0
	Dakhla	—	—	—	0.3	—	0.7	—	0.8	—	0.4	—	13.7	74	37	14.7
	Kharga	—	—	—	0.3	—	0.9	—	0.5	—	0.4	—	12.2	—	—	16.1
Red Sea	Suez	—	—	—	—	—	—	—	—	—	—	—	7.3	—	—	—
	Abu Redes	—	—	—	—	—	1.2	—	1.3	—	0.5	—	8.7	—	—	—
	Tor	—	—	—	1.0	—	1.4	—	1.9	—	1.3	—	6.7	—	—	—
	Hurghada	—	—	—	1.0	—	1.1	—	1.2	—	1.5	—	13.1	—	—	—
	Qu-eir	—	—	—	0.5	—	1.1	—	1.1	—	0.6	—	9.7	—	—	—
	Abul Kizan	—	—	—	—	—	—	—	—	—	—	—	4.5	—	—	—

TABLE A 7.—SOIL TEMPERATURES (°C) AT SELECTED DEPTHS AT FIXED HOURS
OCTOBER 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	—	—	—	—	—	20.7	24.6	1	16.6	29	25.8	33.0	1	24.3	28	24.5	28.0	1	20.5	28
		10	—	—	—	—	—	22.3	25.5	1·2	18.9	29	26.6	29.7	1	23.0	28	25.7	29.0	1	22.0	28
		20	—	—	—	—	—	24.1	26.8	2	21.3	29	25.2	28.4	2	22.0	29	25.4	28.3	1	21.8	28
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Mersa Matruh (A)	5	22.2	25.4	2	18.0	29	21.1	24.0	2	17.0	29	30.7	35.2	1	24.5	28	25.8	29.6	1	20.5	28
		10	23.6	26.8	2	19.1	29	22.1	25.0	2	18.0	29	28.1	31.2	1	23.0	28	26.6	30.4	1	21.8	28
		20	25.4	28.2	2	22.1	29	24.4	27.3	2	21.0	29	25.7	30.7	5	22.1	29	26.7	29.6	1	23.0	28
		50	26.1	27.7	2	24.0	30	25.9	28.2	1	23.2	30	25.9	28.0	2,3	23.5	29,30	26.1	28.9	1	23.5	30
		100	25.6	27.0	5	21.4	31	25.6	27.6	1·2·3	21.2	31	25.5	27.5	3	21.3	31	25.6	27.6	1	21.4	30,31
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Ras El Hikma.	5	—	—	—	—	—	21.5	24.8	2	17.1	29	28.4	31.5	1	23.7	28	23.6	26.0	1	20.2	28
		10	—	—	—	—	—	21.7	24.5	2	17.8	29	26.3	29.2	2	22.5	28	24.5	27.0	1	20.8	28
		20	—	—	—	—	—	22.2	24.6	2	18.8	29	24.7	29.2	1	21.6	28	24.3	26.6	1	21.2	28
		50	—	—	—	—	—	24.4	25.9	1,2,3	22.7	30.31	24.3	25.8	1,2·3	22.5	30	24.2	25.9	2	22.5	30
		100	—	—	—	—	—	24.4	25.2	*	23.5	31	24.4	25.3	1·3·4	23.5	31	24.4	25.3	1,2	23.4	31
		200	—	—	—	—	—	23.7	24.0	1·2	23.4	31	23.8	24.0	1,2·4	23.5	*	23.7	24.0	1	23.4	31
	Alexandria . (A)	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	28.1	29.0	*	26.2	30	28.1	29.0	17	26.2	30	28.0	29.0	11·17	26.2	*29,30,31	28.0	29.0	2	26.1	29
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	El Arish	5	24.5	26.7	4	22.4	26	23.4	26.2	4	21.0	26	28.6	32.4	3	26.9	29	27.0	29.9	3	23.4	29
		10	25.7	28.0	4	23.8	26	24.4	27.2	4	22.4	26	27.5	30.8	1	25.8	25	27.4	30.4	3	25.8	25
		20	27.1	29.3	1,4	25.6	26	26.6	31.6	4	25.0	30	26.9	29.2	1,4	25.0	26	27.6	30.2	3,4	26.0	30
		50	28.9	30.7	5	27.3	28	28.9	30.7	2,4·5	27.3	28	28.8	30.6	4·5	26.3	31	28.7	30.4	*	27.2	30,31
		100	28.6	29.6	*	27.4	31	28.7	29.6	*	27.6	30.31	28.6	29.7	4·6	27.6	*	28.6	29.6	*	27.5	31
		200	28.5	29.0	1	28.0	*	28.5	29.0	1	27.9	30	28.5	29.0	4	27.9	29	28.4	29.0	4	27.8	31
	Ghassa	5	23.2	29.0	4	19.3	28	22.9	28.0	4	19.0	26	31.4	39.0	4	24.2	27	26.1	31.6	2	19.8	27
		10	24.7	30.2	4	21.3	26	23.4	28.5	4	19.5	26	26.2	35.3	4	23.0	27	27.1	32.8	2,4	21.0	27
		20	25.7	31.0	1	21.1	28	24.8	29.5	1·4	20.0	29	27.2	31.5	1	23.0	27	27.7	32.5	4	22.5	27
		50	28.0	31.5	1·2·4	25.0	28	27.9	31.6	1	25.0	29	27.9	31.5	3,5	25.0	26	28.4	31.5	3	25.0	28,31
		100	30.0	32.0	*	26.0	29	30.3	32.0	1·4·8	28.0	29	30.1	32.0	3,5	27.5	30	29.7	32.0	3,4,6	26.9	21
		200	29.9	31.0	*	27.0	29	30.0	31.0	1	27.0	25	29.9	31.0	1,7,8	27.0	30	29.9	31.3	1	27.5	27

* more than 3 days.

TABLE A 7. (*contd.*)—SOIL TEMPERATURES (°C) AT SELECTED DEPTHS AT FIXED HOURS
OCTOBER 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	—	—	—	—	—	—	—	—	—	—	26.4	26.5	1	25.7	30,31	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	26.2	26.5	1	25.8	27,28	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gimmeiza	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	28.0	28.0	1,2,3	21.0	30	28.8	31.0	2	25.5	29,30,31	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	28.4	29.5	*	27.0	29,30,31	28.9	31.0	6	27.0	30,31	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Tanta	5	—	—	—	—	—	22.5	25.2	3	19.4	30	27.1	30.0	1,2,3	23.8	28	26.0	29.2	1	23.0	27,28
		10	—	—	—	—	—	26.1	28.4	3	23.2	30	28.2	31.0	2	25.3	30	28.4	31.2	2	25.7	30
		20	—	—	—	—	—	25.2	27.5	3	22.8	30	25.2	27.6	3	22.9	30	25.7	28.0	2	23.4	29
		50	—	—	—	—	—	29.0	30.7	3	27.2	30,31	28.9	30.5	3	26.8	30	28.8	30.4	2	26.8	31
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Tahrir	5	—	—	—	—	—	22.4	25.6	3	19.4	30	37.6	41.4	5	29.4	30	26.9	30.1	4	24.3	30
		10	—	—	—	—	—	22.8	25.3	3	20.2	30	33.1	36.4	4	30.2	30	29.0	32.2	4	25.3	30
		20	—	—	—	—	—	26.0	28.0	3	23.9	30	28.0	30.4	5	25.6	30	29.5	32.2	4	27.0	30
		50	—	—	—	—	—	27.9	29.5	*	26.1	31	27.6	29.2	3,5	25.8	31	27.7	29.3	5	25.9	31
		100	—	—	—	—	—	28.3	29.2	*	27.0	31	—	—	—	—	—	28.3	29.2	*	27.0	31
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Delta Barrage	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	27.8	29.2	4,5	25.5	31	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	27.2	28.0	*	26.7	30	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	26.3	27.1	20,31	26.0	*	—	—	—	—	—	—	—	—	—	—

* More than 3 days.

TABLE A 7. (*contd.*)—SOIL TEMPERATURES (°C) AT SELECTED DEPTHS AT FIXED HOURS
OCTOBER 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	—	—	—	—	—	24.3	28.1	1	20.7	30	35.2	38.8	2	32.2	30	29.5	33.6	2	25.8	29
		10	—	—	—	—	—	26.5	29.3	2	23.4	30	30.7	33.6	2	27.9	30	30.8	34.1	2	28.0	30
		20	—	—	—	—	—	29.1	31.1	3	26.9	30,31	29.1	31.1	2	26.8	30	29.9	32.1	2	27.6	30
		50	—	—	—	—	—	30.2	31.6	4	28.4	31	30.1	31.5	3	28.4	31	30.0	31.5	3	28.4	31
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Upper Egypt	Seds	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	26.2	27.0	*	25.3	30·31	26.2	27.0	*	25.3	31	26.2	27.0	*	25.3	31
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Minya (A)	5	26.6	30.9	2	21.0	31	24.7	28.3	2	21.0	29,31	31.6	35.0	2	27.2	30	29.5	33.2	2	26.5	30
		10	29.3	32.3	2	24.5	31	27.7	30.0	1·3	24.0	31	30.9	33.8	2	27.2	30	31.4	34.6	2	28.0	30
		20	29.5	32.0	4	26.0	31	28.8	30.6	5	26.7	30	29.3	31.5	2·4	26.5	30	29.9	32.4	2	27.5	30
		50	30.2	31.8	3	28.0	31	30.1	31.7	1	28.5	30	30.0	31.7	3	27.6	31	30.1	31.7	3·5	27.7	31
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Maliawi	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	23.1	24.5	1·2	22.0	30,31	23.1	24.5	1·2	22.0	30,31	23.1	24.5	1·2	22.0	30·31
		100	—	—	—	—	—	23.8	24.5	*	23.0	30·31	23.8	24.5	*	23.0	30·31	23.8	24.5	*	23.0	30·31
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Shandaweel	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	—	—	—	—	—	29.2	31.7	2	26.3	31	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	28.4	29.5	1	27.2	31	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

* More than 3 days

TABLE A 7. (*contd.*) — SOIL TEMPERATURES (°C) AT SELECTED DEPTHS AT FIXED HOURS
OCTOBER 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	—	—	—	—	—	27.0	31.0	1·2	24.1	27	52.5	55.6	5	48.5	30	33.6	36.7	5	30.0	27
		10	—	—	—	—	—	28.7	31.8	1	26.9	31	38.7	42.0	1	33.4	29	34.6	38.3	2	32.1	31
		20	—	—	—	—	—	31.1	33.3	2	29.0	30·31	31.6	33.5	*	29.5	30,31	32.0	34.5	2	29.8	31
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Aswan . . . (A)	5	25.5	30.8	1	21.6	11	26.4	31.0	1	22.7	30	46.1	51.2	*	41.4	29	31.3	35.0	1	28.0	10
		10	30.3	34.6	1	27.4	30	27.3	31.8	1	24.4	30	37.8	43.0	3,4	33.8	29	35.4	39.8	2	32.4	29
		20	33.8	37.6	3	31.4	30,31	32.0	35.2	2	29.7	30	32.3	36.0	3,4	30.2	29	34.5	38.0	2	32.4	30
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Western Desert	Siwa	5	24.8	28.4	11	19.9	28	23.8	28.4	3	18.4	25·26	29.4	34.0	3	24.4	24	27.4	30.6	3	22.8	25
		10	26.0	29.2	11	21.6	26	24.5	26.8	*	20.2	26,27,28	28.4	31.8	3	24.6	27	28.0	31.2	3	24.0	27
		20	28.2	29.6	4·11	21.9	26	26.5	28.3	4	21.0	25	28.7	33.4	8	23.3	28	28.9	30.8	3	24.2	23
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bahariya . . .	5	25.1	28.8	2	21.2	30	22.7	26.3	2	18.6	30	30.0	33.9	15	25.9	29	29.1	33.4	2	25.6	29,30
		10	27.7	30.5	2	23.3	30	25.0	28.4	2	20.9	30	28.2	31.0	2	24.9	29	29.3	32.9	2	26.1	30
		20	28.6	31.6	3	25.4	30	27.5	30.2	2	24.0	30	28.0	30.5	2,3	24.9	30	29.4	32.0	2	26.4	30
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Farafra	5	26.0	32.0	3	25.3	30	27.0	29.9	3	23.3	30	29.0	36.0	2	28.1	30	32.0	35.0	1	27.5	30
		10	30.0	32.4	2,3·4	25.7	31	28.0	31.0	3	24.5	30,31	29.0	33.0	2	25.7	30	30.0	34.1	1,3	26.3	30
		20	30.0	32.8	3	25.9	31	29.0	32.2	3	25.3	31	29.0	31.9	2	25.3	30	30.0	32.8	1	25.8	30
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

* More than 3 days.

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

OCTOBER 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	6	0	0	0	0	2	0	1	0	0	3	0	0	0	0	0	0	4	0
	Sidi Barrani	3	0	0	0	0	3	0	0	0	0	3	0	0	0	0	0	0	—	—
	Mersa Matruh (A)	6	0	0	0	0	3	0	0	0	0	1	1	0	0	0	0	0	9	0
	Ras El Hikma	5	0	0	0	0	4	1	0	0	0	0	0	0	0	0	0	0	—	—
	Dabaa	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	—	—
	Dekheila (A)	3	0	0	0	0	4	0	2	0	0	0	0	0	0	0	0	0	14	0
	Ras El Teen	5	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	7	0
	Alexandria (A)	5	0	0	1	0	4	2	3	0	0	0	0	0	0	0	0	0	11	0
	Balteam	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	—	—
	Damietta	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	—
	Port Said (A)	3	0	0	0	0	1	1	0	0	0	3	0	0	0	0	0	0	22	0
	El Arish	1	0	0	0	0	0	4	1	0	0	1	0	0	0	0	0	0	5	1
	Ghazza	7	0	0	0	0	1	0	1	0	0	1	0	0	0	0	0	0	13	1
Lower Egypt	El Sirw	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sakha	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Mansoura	3	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	—	—
	Damanhour	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gimmeiza	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Tanta	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	—	—
	Tahrir	0	0	0	0	0	0	7	5	0	0	3	2	0	0	0	0	1	—	—
	Shebin El Kom	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	—	—
	Zagazig	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Abu Sueir (A)	0	0	0	0	0	1	13	3	0	0	1	2	0	0	0	—	0	13	0
	Banha	0	0	0	0	0	0	3	2	0	0	0	0	0	0	0	0	0	—	—
	Zaher (A)	0	0	0	0	0	1	3	1	0	0	1	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)	1	0	0	0	0	1	5	1	0	0	2	0	0	0	0	0	0	27	0
	Fayed (A)	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	—	—
	Kabrit (A)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	—
	Delta Barrage	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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

OCTOBER 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.	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)			
Cairo Area	Cairo . . . . . (A)	0	0	0	0	0	0	5	0	0	0	1	0	0	0	0	0	0	17	0
	Mostafa Helmi . (A)	0	0	0	0	0	0	13	3	0	0	1	0	0	0	0	0	0	17	0
	Almaza . . . . (A)	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	18	0
	Abbasiya . . . (H.Q.)	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	20	0
	Imbaba . . . . (A)	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	—	—
	Giza	1	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	26	0
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	0	0	0	0	0	0	0	—	—
	Seds	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Minya . . . . . (A)	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	27	0
	Mallawi	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Asyout (Mangabad)(A)	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	27	0
	Shandaweel	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Nag Hammadi . . .	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kena	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Luxor . . . . . (A)	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	27	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	0	0	0	0	0	0	0	29	0
Western Desert	Siwa	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	0
	Bahariya	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	0
	Farafra	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	0
	Dakhla	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	0
	Kharga	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	0
Red Sea	Suez	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Abu Redes	0	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	22	0
	Hurghada	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0
	Quseir	0	0	0	0	0	0	3	0	0	0	2	0	0	0	0	0	0	27	0
	Abul Kizan	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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

OCTOBER — 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	26	2	20	1—10	58	38	66	47	36	54	72	32	52	28	18	85	586
					11—27	3	4	15	14	2	17	22	3	1	2	3	24	110
					28—47	0	0	0	0	0	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**	**42**	**81**	**61**	**38**	**71**	**94**	**35**	**53**	**30**	**21**	**109**	**696**
	Mersa Matruh (A)	9	2	7	1—10	79	32	38	30	29	36	24	24	52	34	26	43	447
					11—27	44	36	23	22	24	11	20	4	26	18	8	43	279
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**123**	**68**	**61**	**52**	**53**	**47**	**44**	**28**	**78**	**52**	**34**	**86**	**726**
	Dekheila (A)	4	3	0	1—10	80	103	95	67	60	47	22	48	32	25	13	51	643
					11—27	4	34	34	6	0	0	0	3	3	6	2	2	94
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**84**	**137**	**129**	**73**	**60**	**47**	**22**	**51**	**35**	**31**	**15**	**53**	**737**
	Ras El Tcen	45	0	141	1—10	112	90	44	22	11	1	3	8	18	19	35	71	434
					11—27	50	25	3	1	3	0	0	1	1	4	5	31	124
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**162**	**115**	**47**	**23**	**14**	**1**	**3**	**9**	**19**	**23**	**40**	**102**	**558**
	Alexandria (A)	38	4	0	1—10	110	107	79	37	38	23	24	32	18	13	36	93	610
					11—27	30	24	1	1	0	0	2	3	1	12	8	10	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	**140**	**131**	**80**	**38**	**38**	**23**	**26**	**35**	**19**	**25**	**44**	**103**	**702**
	Port Said (A)	1	2	2	1—10	65	127	10	27	15	4	15	18	29	74	23	45	548
					11—27	27	63	18	6	6	1	0	0	7	22	10	31	191
					28—47	0	0	0	0	0	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**	**190**	**124**	**33**	**21**	**5**	**15**	**18**	**36**	**96**	**33**	**76**	**739**
	El Arish	1	40	0	1—10	99	120	35	18	15	135	50	53	60	12	32	64	693
					11—27	0	0	3	2	2	0	0	0	0	0	3	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	**99**	**120**	**38**	**20**	**17**	**135**	**50**	**53**	**60**	**12**	**35**	**64**	**703**
	Ghazza	0	27	20	1—10	52	12	59	67	51	133	27	18	12	18	42	68	559
					11—27	54	11	15	2	0	2	3	6	2	8	12	23	138
					28—47	0	0	0	0	0	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**	**23**	**74**	**69**	**51**	**135**	**30**	**24**	**14**	**26**	**54**	**91**	**697**
Lower Egypt	Mansoura	28	8	133	1—10	72	104	54	16	11	5	15	18	46	54	90	48	533
					11—27	3	14	4	2	0	2	3	0	1	2	8	3	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	**75**	**118**	**58**	**18**	**11**	**7**	**18**	**18**	**47**	**56**	**98**	**51**	**575**
	Tanta	103	22	0	1—10	45	114	110	33	34	4	10	50	50	50	30	83	613
					11—27	0	2	2	0	0	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	**45**	**116**	**112**	**33**	**34**	**4**	**12**	**50**	**50**	**50**	**30**	**83**	**619**

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

OCTOBER — 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	
Lower Egypt	Abu Sueir . . . (A)	174	3	0	1—10	46	61	100	40	20	11	6	3	4	68	37	47	443
					11—27	8	37	50	10	0	0	0	1	2	11	3	2	124
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**54**	**98**	**150**	**50**	**20**	**11**	**6**	**4**	**6**	**79**	**40**	**49**	**567**
	Zaher . . . . . (A)	41	0	0	1—10	107	130	47	42	35	25	8	1	48	47	5	75	630
					11—27	9	27	12	2	1	1	0	5	12	3	0	1	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	**116**	**157**	**59**	**44**	**36**	**26**	**8**	**21**	**60**	**59**	**50**	**76**	**703**
Cairo Area	Cairo . . . . . (A)	23	6	106	1—10	53	83	99	52	11	3	7	5	9	12	61	96	491
					11—27	5	32	34	21	7	0	4	8	4	1	1	1	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	**58**	**115**	**133**	**73**	**18**	**3**	**11**	**13**	**13**	**13**	**62**	**97**	**609**
	Mostafa Helmi . (A)	11	6	3	1—10	51	92	70	31	24	3	12	10	15	4[illegible]	3[illegible]	38	390
					11—27	31	88	130	28	4	0	1	4	10	7	10	21	334
					28—47	0	0	0	0	0	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**	**180**	**200**	**59**	**28**	**3**	**13**	**14**	**25**	**19**	**43**	**59**	**724**
	Almaza . . . (A)	0	6	0	1—10	61	99	249	62	39	39	13	16	18	10	33	43	673
					11—27	0	2	33	6	10	1	0	9	3	1	0	0	65
					28—47	0	0	0	0	0	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**	**101**	**282**	**68**	**49**	**31**	**13**	**25**	**21**	**11**	**33**	**43**	**738**
	Abbasiya . . . (H.Q.)	102	5	2	1—10	92	196	73	19	14	8	20	19	8	3[illegible]	55	94	633
					11—27	0	0	2	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	**92**	**196**	**75**	**19**	**14**	**8**	**20**	**19**	**8**	**35**	**55**	**94**	**635**
	Giza	7	27	118	1—10	141	165	78	7	1	8	21	9	9	16	37	89	581
					11—27	1	2	4	0	0	0	4	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	**142**	**167**	**82**	**7**	**1**	**8**	**25**	**9**	**9**	**16**	**37**	**89**	**592**
Upper Egypt	Fayoum	8	52	13	1—10	276	108	13	5	6	4	10	29	20	25	61	112	669
					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	**276**	**108**	**13**	**5**	**6**	**4**	**10**	**29**	**20**	**25**	**63**	**112**	**671**
	Minya . . . . . (A)	45	35	0	1—10	196	84	14	4	8	19	12	4	5	15	40	187	588
					11—27	23	42	0	0	0	0	0	1	0	2	1	7	76
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**219**	**126**	**14**	**4**	**8**	**19**	**12**	**5**	**5**	**17**	**41**	**194**	**664**
	Asyout . . . . . (A)	32	5	11	1—10	14	5	13	7	10	4	4	146	64	165	54	99	585
					11—27	1	0	0	0	10	7	1	9	4	52	12	15	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	**15**	**5**	**13**	**7**	**20**	**11**	**5**	**155**	**68**	**217**	**66**	**114**	**696**

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

OCTOBER — 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 direction
						345/014	013/044	045/074	075/104	105/134	135/164	165/194	195/224	225/254	255/284	285/314	315/344	
UPPER EGYPT	Luxor	96	3	2	1—10	94	193	41	26	31	25	15	56	51	17	14	77	640
					11—27	0	0	0	0	1	1	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	**94**	**193**	**41**	**26**	**32**	**26**	**16**	**56**	**51**	**17**	**14**	**77**	**643**
	Aswan	9	12	0	1—10	213	216	36	9	18	6	9	7	4	4	6	50	578
					11—27	81	71	0	0	0	0	0	0	0	0	0	2	154
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**294**	**287**	**36**	**9**	**18**	**6**	**9**	**7**	**4**	**4**	**6**	**52**	**732**
WESTERN DESERT	Siwa	115	0	0	1—10	13	45	77	99	65	42	12	18	25	40	89	33	558
					11—27	0	0	9	3	2	9	11	1	1	3	27	5	71
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥84	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**13**	**45**	**86**	**102**	**67**	**51**	**23**	**19**	**26**	**43**	**116**	**38**	**629**
	Dakhla	25	4	8	1—10	62	46	29	16	22	27	25	32	31	86	149	173	698
					11—27	0	3	0	0	0	0	1	4	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	**62**	**49**	**29**	**16**	**22**	**27**	**26**	**36**	**32**	**86**	**149**	**173**	**707**
RED SEA	Hurghada	9	10	0	1—10	31	46	9	13	27	36	5	7	9	37	150	33	403
					11—27	59	2	0	0	0	3	0	0	0	36	101	121	322
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**90**	**48**	**9**	**13**	**27**	**39**	**5**	**7**	**9**	**73**	**251**	**154**	**725**

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

SALLUM — OCTOBER 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	14	0	0	1—10	0	1	0	1	1	1	0	0	0	3	1	3	11
				11—27	0	0	1	0	0	0	0	1	0	3	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	0	1	1	1	1	1	0	1	0	6	1	4	17
0300	11	0	0	1—10	1	1	0	0	2	0	0	0	0	3	5	1	13
				11—27	1	0	1	0	0	0	0	0	2	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	2	1	1	0	2	0	0	0	2	6	5	1	20
0600	10	0	0	1—10	3	1	0	0	0	1	0	1	0	2	4	2	14
				11—27	0	0	1	0	1	0	0	0	2	2	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	1	1	0	1	1	0	1	2	4	5	4	21
0900	6	0	0	1—10	1	6	1	1	1	1	0	1	1	5	1	0	19
				11—27	0	1	0	1	0	0	0	3	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	1	7	1	2	1	1	0	4	1	5	1	1	25
1200	1	0	0	1—10	1	3	4	7	0	0	0	0	0	3	1	0	19
				11—27	2	3	0	0	0	1	1	2	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	3	6	4	7	0	1	1	2	0	3	1	2	30
1500	1	0	0	1—10	4	5	5	5	0	0	1	1	1	2	1	0	25
				11—27	3	1	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	7	6	5	5	0	0	1	1	1	2	2	0	30
1800	2	0	0	1—10	2	4	7	3	0	0	0	0	0	1	3	4	24
				11—27	0	2	0	1	1	0	0	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	2	6	7	4	1	0	0	1	0	1	3	4	29
2100	11	0	0	1—10	1	1	1	4	1	2	0	0	0	2	2	4	18
				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	1	1	1	4	1	2	0	0	2	2	2	4	20

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

MERSA MATRUH (A) — OCTOBER 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	3	0	0	1—10	3	2	2	0	4	1	2	0	3	3	0	1	21
				11—27	0	0	0	1	1	1	1	0	2	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	3	2	2	1	5	2	3	0	5	4	0	1	28
0400	3	0	0	1—10	0	2	0	0	3	1	3	2	5	2	0	2	20
				11—27	1	0	0	0	1	1	1	0	3	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	1	2	0	0	4	2	4	2	8	3	0	2	28
0600	2	0	0	1—10	0	1	1	0	2	1	3	2	7	2	0	2	21
				11—27	0	1	0	0	0	1	2	0	1	3	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	1	0	2	2	5	2	8	5	0	2	29
0800	0	0	0	1—10	3	2	0	1	0	1	2	1	1	1	2	3	17
				11—27	1	2	0	3	0	1	1	1	0	1	3	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	4	4	0	4	0	2	3	2	1	2	5	4	31
1200	0	0	0	1—10	7	1	1	1	0	0	0	1	0	0	0	1	12
				11—27	4	2	2	1	0	1	0	1	0	0	1	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	11	3	3	2	0	1	0	2	0	0	1	8	31
1500	0	0	0	1—10	3	1	4	0	0	0	1	0	0	0	1	3	13
				11—27	6	4	1	3	0	0	0	0	0	0	1	3	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	9	5	5	3	0	0	1	0	0	0	2	6	31
1800	0	0	0	1—10	4	4	2	4	1	0	0	0	1	0	2	6	24
				11—27	0	2	2	1	1	0	0	0	0	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	4	6	2	5	2	0	0	0	1	1	2	6	31
2100	2	0	0	1—10	4	2	2	1	4	1	1	1	4	2	0	1	23
				11—27	0	1	1	1	2	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	4	3	3	2	6	1	1	1	4	2	0	2	29

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

DEKHEILA (A) — OCTOBER 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	5	2	3	4	4	3	2	1	1	0	0	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	4	5	3	3	4	4	3	2	1	1	0	0	30
0300	0	0	0	1—10	3	2	5	2	4	7	1	2	3	2	0	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	3	2	5	2	4	7	1	2	3	2	0	0	31
0600	0	0	0	1—10	1	3	4	2	3	4	2	3	7	1	0	0	30
				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	4	4	2	3	4	2	3	7	1	0	0	31
0900	0	0	0	1—10	1	5	8	0	2	3	0	0	2	2	3	3	29
				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	2	5	8	0	2	3	0	0	2	2	4	3	31
1200	0	0	0	1—10	3	10	2	0	0	0	0	0	0	0	3	6	24
				11—27	0	4	1	0	0	0	0	0	0	1	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	3	14	3	0	0	0	0	0	0	1	3	7	31
1500	0	0	0	1—10	4	7	4	0	0	0	0	0	0	0	1	4	20
				11—27	0	4	5	0	0	0	0	0	0	0	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	4	11	9	0	0	0	0	0	0	0	2	5	31
1800	0	0	0	1—10	6	4	4	7	1	0	0	0	0	0	1	2	25
				11—27	0	2	3	1	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	6	6	7	8	1	0	0	0	0	0	1	2	31
2100	1	0	0	1—10	4	2	2	7	5	2	0	0	0	1	1	2	26
				11—27	0	2	1	1	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	4	3	8	5	2	0	0	0	1	1	2	30

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

RAS EL TEEN — OCTOBER 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	7	6	3	1	3	0	1	0	1	0	2	1	25
				11—27	1	0	1	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	8	6	4	1	3	0	1	0	1	0	2	2	28
0300	3	0	0	1—10	4	5	6	3	1	0	0	1	1	1	0	4	26
				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	5	5	6	3	1	0	0	1	1	1	0	5	28
0600	6	0	0	1—10	3	3	4	3	2	0	0	3	3	0	0	2	23
				11—27	0	1	0	0	1	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	4	4	3	3	0	0	3	3	0	0	2	25
0900	6	0	0	1—10	5	7	1	0	0	0	1	0	1	5	1	2	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	7	1	0	0	0	1	0	2	5	1	2	25
1200	0	0	0	1—10	6	4	0	0	0	1	0	0	0	0	5	5	21
				11—27	6	1	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	12	5	0	0	0	1	0	0	0	1	7	5	31
1500	0	0	0	1—10	6	4	2	0	0	0	0	0	0	1	0	6	19
				11—27	5	3	0	0	0	0	0	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	11	7	2	0	0	0	0	0	0	1	0	10	31
1800	0	0	0	1—10	6	7	4	1	0	0	0	0	0	0	1	4	28
				11—27	4	1	1	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	10	8	5	1	0	0	0	0	0	0	1	6	13
2100	2	0	0	1—10	6	7	1	4	1	0	0	0	0	1	1	2	32
				11—27	2	1	0	0	1	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 speeds	8	8	1	4	2	0	0	0	0	1	1	4	29

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

ALEXANDRIA (A) — OCTOBER 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	5	4	2	2	3	1	5	0	0	0	0	2	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	5	4	2	2	3	1	5	0	0	0	0	2	24
0300	11	0	0	1—10	2	5	0	2	1	2	2	3	0	0	0	3	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	2	5	0	2	1	2	2	3	0	0	0	3	20
0600	6	0	0	1—10	1	5	0	1	2	2	3	7	1	0	0	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	2	5	0	1	2	2	3	7	1	0	0	2	25
0900	0	0	0	1—10	5	1	4	4	1	1	1	2	2	3	1	2	27
				11—27	2	1	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	7	2	4	4	1	1	1	3	2	3	1	2	31
1200	0	0	0	1—10	9	1	0	0	0	0	0	1	0	0	4	3	18
				11—27	6	0	0	0	0	0	0	0	0	2	3	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	15	1	0	0	0	0	0	1	0	2	7	5	31
1500	0	0	0	1—10	9	7	0	0	0	0	0	0	0	0	2	4	22
				11—27	3	2	0	0	0	0	0	0	0	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	12	9	0	0	0	0	0	0	0	1	3	6	31
1800	0	0	0	1—10	8	7	6	0	0	0	0	0	0	0	2	5	28
				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	8	9	7	0	0	0	0	0	0	0	2	5	31
2100	7	0	0	1—10	5	4	3	3	1	0	0	0	0	0	1	4	21
				11—27	0	1	0	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	5	3	5	1	0	0	0	0	0	1	4	24

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

PORT SAID (A)—OCTOBER 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	3	7	1	2	1	0	0	1	7	1	0	26
				11—27	0	1	2	0	0	0	0	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	3	4	9	1	2	1	0	0	1	8	1	0	30
0300	0	0	0	1—10	1	5	6	1	0	2	2	2	1	6	2	0	28
				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	1	6	6	2	0	2	2	2	1	6	2	1	31
0600	0	0	0	1—10	1	3	5	2	1	1	2	3	3	4	1	0	26
				11—27	0	1	0	0	0	1	0	0	0	2	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	1	4	5	2	1	2	2	3	3	6	1	1	31
0900	0	0	0	1—10	1	4	8	2	0	0	1	3	1	5	0	2	27
				11—27	1	0	0	0	1	0	0	0	0	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	2	4	8	2	1	0	1	3	1	7	0	2	31
1200	0	0	0	1—10	8	7	4	0	0	0	0	0	2	0	0	3	24
				11—27	1	3	0	0	0	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	9	10	4	0	0	0	0	0	2	0	0	6	31
1500	0	0	0	1—10	6	6	0	0	0	0	0	0	1	1	0	1	15
				11—27	5	4	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	11	10	1	0	0	0	0	0	1	1	0	7	31
1800	0	0	0	1—10	5	5	3	0	0	0	0	0	0	0	2	3	18
				11—27	2	5	2	0	0	0	0	0	0	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	7	10	5	0	0	0	0	0	0	1	4	4	31
2100	0	0	0	1—10	3	5	6	1	0	0	0	0	0	3	2	3	23
				11—27	0	2	4	0	0	0	0	0	0	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	3	7	10	1	0	0	0	0	0	5	2	3	31

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

EL ARISH — OCTOBER 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	0	1	1	9	4	4	5	0	0	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	0	1	1	9	4	4	5	0	0	0	24
0300	2	0	0	1—10	0	0	0	1	2	11	5	7	3	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	1	2	11	5	7	3	0	0	0	29
0600	1	0	0	1—10	0	0	0	2	10	5	4	8	0	0	0	0	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	0	0	1	2	10	5	4	8	0	0	0	0	30
0900	0	0	0	1—10	9	4	1	1	1	1	1	0	0	1	6	6	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	9	4	1	1	1	1	1	0	0	1	6	6	31
1200	0	0	0	1—10	11	3	0	1	1	0	0	0	0	0	3	11	30
				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	12	3	0	1	1	0	0	0	0	0	3	11	31
1500	0	0	0	1—10	15	8	2	0	0	1	0	0	0	0	3	2	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	15	8	2	0	0	1	0	0	0	0	3	2	31
1800	2	0	0	1—10	6	15	1	2	1	0	0	0	0	1	1	4	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	6	13	1	2	1	0	0	0	0	1	1	4	29
2100	8	0	0	1—10	2	3	3	1	2	4	2	2	2	0	1	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	2	3	3	1	2	4	2	2	2	0	1	1	23

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

GHAZZA — OCTOBER 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	2	5	8	13	0	2	0	1	0	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	0	0	2	5	8	13	0	2	0	1	0	0	31
0300	0	0	0	1—10	0	0	1	3	6	17	0	1	0	0	0	1	29
				11—27	0	0	0	0	0	1	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	1	3	6	18	0	2	0	0	0	1	31
0600	1	0	1	1—10	1	0	0	2	4	12	7	1	0	0	0	0	27
				11—27	1	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	1	0	1	2	4	12	8	1	0	0	0	0	29
0900	0	0	0	1—10	5	0	0	0	1	0	0	0	2	7	2	10	27
				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	5	0	0	0	1	0	0	1	4	8	2	10	31
1200	0	0	0	1—10	5	1	1	0	0	0	0	0	0	0	4	4	15
				11—27	4	0	0	0	0	0	1	0	1	1	3	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	1	1	0	0	0	1	0	1	1	7	10	31
1500	0	0	0	1—10	4	3	0	0	0	0	0	0	0	1	2	2	12
				11—27	12	1	0	1	0	0	0	0	0	1	0	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
				All speeds	16	4	0	1	0	0	0	0	0	2	2	6	31
1800	0	0	0	1—10	5	3	9	0	1	0	0	0	0	0	1	2	21
				11—27	2	5	1	0	0	0	0	0	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	7	8	10	0	1	0	0	0	1	1	1	2	31
2100	0	0	0	1—10	1	0	6	12	3	4	1	2	0	0	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	1	0	6	12	3	4	1	2	0	0	2	0	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) — OCTOBER 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	22	0	0	1—10	1	0	0	0	0	0	0	0	0	4	0	3	8
				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	1	0	1	0	0	0	0	0	0	4	0	3	9
0300	22	0	0	1—10	0	0	1	0	0	1	0	0	2	3	0	1	8
				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	0	0	1	1	0	1	0	0	2	3	0	1	9
0600	11	0	0	1—10	2	2	0	3	3	1	1	0	1	5	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	2	2	0	3	3	1	1	0	1	5	1	1	20
0900	5	0	0	1—10	0	3	6	4	1	0	0	0	0	3	4	3	24
				11—27	0	0	0	2	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	3	6	6	1	0	0	0	0	3	4	3	26
1200	5	0	0	1—10	2	2	3	1	0	0	0	0	0	3	3	3	17
				11—27	0	2	4	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	4	7	1	0	0	0	0	2	4	3	3	26
1500	0	0	0	1—10	0	4	0	0	0	0	0	0	0	1	1	2	8
				11—27	1	10	9	0	0	0	0	0	0	2	0	1	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	1	14	9	0	0	0	0	0	0	3	1	3	31
1800	0	0	0	1—10	1	15	8	1	0	0	0	0	0	0	1	1	27
				11—27	1	0	2	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	2	15	10	1	0	0	0	0	0	0	2	1	31
2100	19	0	0	1—10	1	3	1	3	1	0	0	0	0	0	1	11	11
				11—27	0	0	0	1	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	3	1	4	1	0	0	0	0	0	1	12	12

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

CAIRO (A) — OCTOBER 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	6	8	6	0	0	1	0	0	0	2	3	26
				11—27	0	0	0	2	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	6	8	8	0	0	1	0	0	0	2	3	28
0300	5	0	0	1—10	0	3	4	6	2	1	0	1	0	1	1	5	24
				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	0	3	4	6	4	1	0	1	0	1	1	5	26
0600	3	0	0	1—10	0	5	7	4	0	0	1	1	0	0	3	4	25
				11—27	0	0	1	0	1	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	0	5	8	4	1	0	2	1	0	0	3	4	28
0900	0	0	0	1—10	1	5	2	2	0	0	0	2	2	0	3	6	23
				11—27	0	2	4	0	0	0	0	2	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	1	7	6	2	0	0	0	4	2	0	3	6	31
1200	0	0	0	1—10	0	5	1	0	0	0	0	0	2	4	7	6	25
				11—27	0	2	1	0	0	0	0	1	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	0	7	2	0	0	0	0	1	3	4	7	7	31
1500	0	0	0	1—10	0	2	1	0	0	0	0	1	0	1	9	8	22
				11—27	2	4	0	0	0	0	0	0	0	0	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	2	6	1	0	0	0	0	1	0	1	10	10	31
1800	0	0	0	1—10	1	4	3	0	0	0	0	0	1	1	1	9	20
				11—27	2	6	3	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	3	10	6	0	0	0	0	0	1	1	1	9	31
2100	1	0	0	1—10	1	5	8	6	1	0	0	0	0	0	2	5	28
				11—27	0	0	1	1	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	1	5	9	7	1	0	0	0	0	0	2	5	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) — OCTOBER 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	5	5	5	1	2	0	1	0	0	0	1	0	20
				11—27	1	2	5	2	0	0	0	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	6	7	10	3	2	0	1	0	0	0	1	0	30
0300	4	0	0	1—10	1	5	5	3	3	1	1	0	2	0	1	0	22
				11—27	1	1	1	1	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	6	6	4	3	2	1	0	2	0	1	0	27
0600	2	0	0	1—10	0	4	1	2	2	0	1	2	0	3	0	1	16
				11—27	1	3	6	1	0	0	0	1	1	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	1	7	7	3	2	0	1	3	1	3	0	1	29
0900	0	0	0	1—10	1	1	4	0	1	0	1	0	1	1	3	5	18
				11—27	1	2	7	0	1	0	0	0	1	0	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	2	3	11	0	2	0	1	0	2	1	3	6	31
1200	0	0	0	1—10	3	3	3	0	1	0	0	0	2	1	1	2	16
				11—27	0	4	4	0	0	0	0	0	2	0	3	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	3	7	7	0	1	0	0	0	4	1	4	4	31
1500	1	0	0	1—10	1	4	0	0	0	0	0	0	1	0	0	2	8
				11—27	2	12	2	0	0	0	0	0	1	1	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	3	16	2	0	0	0	0	0	2	1	3	3	30
1800	0	0	0	1—10	2	2	2	0	0	0	0	0	0	0	0	0	6
				11—27	6	11	7	0	0	0	0	0	0	0	0	1	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	8	13	9	0	0	0	0	0	0	0	0	1	31
2100	0	0	0	1—10	8	2	7	0	1	0	1	0	0	0	0	0	19
				11—27	0	4	6	2	0	0	0	0	0	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	8	6	13	2	1	0	1	0	0	0	0	0	31

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

ALMAZA (A) — OCTOBER 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	11	11	1	2	1	0	0	0	0	0	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	11	11	1	2	1	0	0	0	0	0	28
0300	3	0	0	1—10	0	2	7	5	6	2	2	2	1	0	0	0	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	0	2	8	5	6	2	2	2	1	0	0	0	28
0600	3	0	0	1—10	1	3	10	2	2	1	1	2	2	1	1	0	26
				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	1	3	11	2	2	1	1	3	2	1	1	0	28
0900	0	0	0	1—10	2	6	3	1	1	0	0	1	2	3	3	1	25
				11—27	0	1	5	1	0	0	0	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	2	7	8	2	1	0	0	2	2	3	3	1	31
1200	0	0	1	1—10	4	5	5	1	0	0	0	3	1	3	4	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	4	5	6	1	0	0	0	3	1	3	4	3	30
1500	0	0	0	1—10	3	11	1	1	0	0	0	1	0	0	6	3	26
				11—27	0	2	1	0	0	0	0	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	3	13	2	1	0	0	0	1	0	1	7	3	31
1800	2	0	0	1—10	2	7	8	1	0	0	0	0	0	1	0	1	20
				11—27	0	2	6	1	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	2	9	14	2	0	0	0	0	0	1	0	1	29
2100	0	0	0	1—10	1	5	17	4	2	1	0	0	0	0	0	0	30
				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	5	17	4	3	1	0	0	0	0	0	0	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)—OCTOBER 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
0300	14	0	0	1—10	6	4	4	0	0	0	0	1	0	0	0	2	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	6	4	4	0	0	0	0	1	0	0	0	2	17
0900	14	0	0	1—10	4	5	0	4	0	0	0	3	0	0	1	0	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	4	5	0	4	0	0	0	3	0	0	1	0	17
1500	10	0	0	1—10	2	7	1	2	0	0	1	2	1	0	0	5	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	2	7	1	2	0	0	1	2	1	0	0	5	21
0000	0	0	0	1—10	4	6	4	1	1	0	0	4	2	1	2	4	29
				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	4	6	5	1	1	0	1	4	2	1	2	4	31
1200	0	0	0	1—10	3	7	1	0	0	0	1	1	1	4	2	10	30
				11—27	0	0	0	0	0	0	1	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	7	1	0	0	0	2	1	1	4	2	10	31
1500	1	0	0	1—10	9	6	0	0	0	0	0	0	0	2	4	9	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	6	0	0	0	0	0	0	0	2	4	9	30
1800	3	0	0	1—10	8	10	3	0	0	0	0	0	0	1	0	5	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	8	10	4	0	0	0	0	0	0	1	0	5	28
2100	12	0	0	1—10	5	9	4	1	0	0	0	0	0	0	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	5	9	4	1	0	0	0	0	0	0	0	0	19

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

GIZA — OCTOBER 1962

: (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	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	9	0	0	1-10	3	7	2	0	0	1	4	0	0	0	0	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	3	7	2	0	0	1	4	0	0	0	0	5	22
0900	0	0	1	1-10	4	5	5	2	0	2	0	0	0	6	2	3	29
				11-27	0	0	0	0	0	0	1	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	5	5	2	0	2	1	0	0	6	2	3	30
1200	1	0	0	1-10	5	5	5	0	0	0	0	2	1	1	4	5	28
				11-27	0	1	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	5	6	5	0	0	0	1	2	1	1	4	5	30
1500	2	0	0	1-10	14	10	0	0	0	0	0	0	0	1	3	1	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	14	10	0	0	0	0	0	0	0	1	3	1	29
1800	2	0	0	1-10	8	11	4	1	0	0	0	0	0	0	0	2	26
				11-27	0	0	3	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	8	11	7	1	0	0	0	0	0	0	0	2	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 DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

HELWAN — OCTOBER 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	8	2	0	0	0	0	0	0	0	0	0	3	13
				11—27	1	7	2	0	0	0	0	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	9	9	2	0	0	0	0	0	0	0	0	3	23
0300	3	0	0	1—10	6	12	2	2	0	0	0	0	0	1	0	1	24
				11—27	0	2	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	6	14	4	2	0	0	0	0	0	1	0	1	28
0600	13	0	0	1—10	3	7	1	1	1	1	1	0	0	0	0	0	15
				11—27	0	0	2	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	7	3	1	1	1	2	0	0	0	0	0	18
0900	5	0	0	1—10	5	4	0	0	0	0	2	0	0	4	3	2	20
				11—27	0	3	2	0	0	0	0	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	5	7	2	0	0	0	2	1	0	4	3	2	26
1200	1	0	0	1—10	0	4	2	0	0	0	2	0	1	5	6	5	25
				11—27	2	2	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	2	6	2	0	0	0	2	0	1	5	7	5	30
1500	0	0	0	1—10	6	4	0	0	0	0	1	1	0	2	3	8	25
				11—27	2	2	1	0	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	8	6	1	0	0	0	1	1	0	3	3	8	31
1800	0	0	0	1—10	3	1	0	1	0	0	0	0	0	1	1	7	14
				11—27	3	9	3	0	0	0	0	0	0	0	0	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	6	10	3	1	0	0	0	0	0	1	1	9	31
2100	2	0	0	1—10	1	2	3	0	0	0	0	0	0	1	0	4	11
				11—27	7	6	3	1	0	0	0	0	0	0	0	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	8	8	6	1	1	0	0	0	0	1	0	5	29

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

MINYA (A) — OCTOBER 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	14	1	0	0	0	1	0	0	0	0	1	7	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	15	1	0	0	0	1	0	0	0	0	1	7	25
0300	9	0	0	1—10	13	0	0	1	0	0	1	0	0	0	0	7	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	13	0	0	1	0	0	1	0	0	0	0	7	22
0600	7	0	0	1—10	8	6	0	0	0	1	0	2	0	1	0	5	23
				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	8	7	0	0	0	1	0	2	0	1	0	5	24
0900	2	0	0	1—10	4	5	1	0	0	1	0	1	1	1	2	11	27
				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	5	5	1	0	0	1	0	1	1	1	2	12	29
1200	0	0	0	1—10	5	3	0	0	0	0	0	1	3	2	5	10	29
				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	6	4	0	0	0	0	0	1	3	2	5	10	31
1500	6	0	0	1—10	7	3	0	0	1	0	0	0	0	0	4	8	23
				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	8	4	0	0	1	0	0	0	0	0	4	8	25
1800	12	0	0	1—10	9	5	0	0	1	0	0	0	0	0	2	1	18
				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	9	6	0	0	1	0	0	0	0	0	2	1	19
2100	7	0	0	1—10	13	1	0	1	0	1	1	0	0	0	0	4	21
				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	15	2	0	1	0	1	1	0	0	0	0	4	24

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

ASYOUT (A) — OCTOBER 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	0	0	0	0	0	0	0	0	3	11	2	3	19
				11—27	0	0	0	0	0	0	0	0	2	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	0	0	0	0	0	0	0	5	12	2	3	22
0300	3	0	0	1—10	0	1	0	0	1	0	0	0	2	21	2	0	27
				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	1	0	0	1	2	21	2	0	28
0600	7	0	0	1—10	0	0	0	0	2	0	0	0	0	6	10	2	20
				11—27	0	0	0	0	1	0	0	0	1	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	0	0	0	0	3	0	0	0	1	8	10	2	24
0900	3	0	0	1—10	2	1	1	1	0	0	0	0	0	1	9	9	24
				11—27	0	0	0	0	1	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	2	1	1	1	1	0	0	0	0	1	11	10	28
1200	0	0	0	1—10	1	0	0	1	0	0	0	0	0	0	6	9	17
				11—27	0	0	0	0	1	0	0	0	0	0	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	1	0	0	1	1	0	0	0	0	0	13	15	31
1500	1	0	0	1—10	2	0	1	0	0	0	0	0	0	1	11	4	19
				11—27	1	0	0	0	0	1	0	0	0	0	6	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	3	0	1	0	0	1	0	0	0	1	17	7	30
1800	9	0	0	1—10	3	0	0	0	0	0	1	0	1	3	7	3	18
				11—27	0	0	0	0	0	0	0	1	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	0	0	0	0	1	1	1	3	8	5	22
2100	12	0	0	1—10	1	0	0	0	1	0	0	0	4	5	2	5	18
				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	1	0	0	0	1	0	0	1	4	5	2	5	19

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

LUXOR (A) — OCTOBER 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	3	0	2	1	1	1	0	0	5	2	0	0	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	0	2	1	1	1	0	0	5	2	0	0	15
0300	26	0	0	1—10	1	1	0	1	0	0	0	1	1	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 speeds	1	1	0	1	0	0	0	1	1	0	0	0	5
0600	16	0	0	1—10	1	2	1	2	1	1	0	0	5	2	0	0	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	1	2	1	2	1	1	0	0	5	2	0	0	15
0900	0	0	0	1—10	11	16	1	0	0	0	0	0	0	0	1	2	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	11	16	1	0	0	0	0	0	0	0	1	2	31
1200	0	0	0	1—10	16	9	2	0	0	0	0	0	0	0	0	4	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	16	9	2	0	0	0	0	0	0	0	0	4	31
1500	17	0	0	1—10	7	4	1	0	0	0	0	0	0	0	0	2	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	7	4	1	0	0	0	0	0	0	0	0	2	14
1800	19	0	0	1—10	4	0	0	2	2	0	0	0	0	0	1	2	11
				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	4	0	0	2	2	1	0	0	0	0	1	2	12
2100	12	0	0	1—10	3	6	1	1	1	0	3	2	1	1	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	3	6	1	1	1	0	3	2	1	1	0	0	19

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

ASWAN (A) — OCTOBER 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	9	9	1	1	0	1	1	0	0	0	0	0	22
				11—27	8	0	0	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	17	9	1	1	0	1	1	0	0	0	0	1	31
0300	0	0	0	1—10	17	6	1	0	0	0	0	0	0	0	0	2	26
				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	21	7	1	0	0	0	0	0	0	0	0	2	31
0600	1	0	0	1—10	11	4	0	0	0	0	0	0	0	0	0	1	16
				11—27	9	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	20	9	0	0	0	0	0	0	0	0	0	1	30
0900	0	0	0	1—10	4	9	1	2	0	0	2	0	0	0	0	0	18
				11—27	2	10	0	0	0	1	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	6	19	1	2	0	1	2	0	0	0	0	0	31
1200	2	0	0	1—10	6	7	2	0	1	1	1	0	0	1	0	2	21
				11—27	4	2	0	0	0	0	1	0	1	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	10	9	2	0	1	1	2	0	1	1	0	2	29
1500	2	0	0	1—10	13	1	2	0	0	0	0	1	0	1	0	0	18
				11—27	9	1	0	0	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	22	2	2	0	0	0	0	1	0	1	0	1	29
1800	0	0	0	1—10	9	2	0	0	0	0	0	0	0	0	0	2	13
				11—27	17	0	0	0	0	0	0	0	0	0	0	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	26	2	0	0	0	0	0	0	0	0	0	3	31
2100	0	0	0	1—10	8	6	1	1	3	1	0	0	0	0	0	0	20
				11—27	8	3	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	16	9	1	1	3	1	0	0	0	0	0	0	31

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

SIWA — OCTOBER 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
0900	13	0	0	1—10	0	1	0	9	5	0	0	0	0	1	0	0	16
				11—27	0	0	1	1	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	1	1	10	5	0	0	0	0	1	0	0	18
0300	20	0	0	1—10	0	0	2	4	3	0	0	0	0	0	1	1	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	2	4	3	0	0	0	0	0	1	1	11
0600	17	0	0	1—10	0	0	3	6	2	1	0	0	0	1	1	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	0	0	3	6	2	1	0	0	0	1	1	0	14
0900	2	0	0	1—10	0	1	1	3	2	5	1	2	2	1	3	3	24
				11—27	0	0	0	1	1	1	0	1	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	0	1	1	4	3	6	1	3	2	2	3	3	29
1200	0	0	0	1—10	0	3	3	1	1	0	1	2	3	2	4	4	24
				11—27	0	0	0	0	1	0	1	0	1	0	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	0	3	3	1	2	0	2	2	4	2	6	6	31
1500	2	0	0	1—10	0	4	4	1	0	1	0	2	1	2	2	3	20
				11—27	1	0	0	0	0	2	0	0	0	1	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	1	4	4	1	0	3	0	2	1	3	6	4	29
1800	11	0	0	1—10	1	1	4	1	2	0	2	0	0	2	4	3	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	1	4	1	2	0	2	0	0	2	4	3	20
2100	7	0	0	1—10	1	1	5	8	2	0	0	0	0	0	3	1	21
				11—27	0	0	3	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	1	1	8	8	2	0	0	0	0	0	3	1	24

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

BAHARIYA — OCTOBER 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	8	6	2	1	0	0	0	0	0	1	3	0	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	8	6	2	1	0	0	0	0	0	1	4	0	22
0300	22	0	0	1—10	2	1	1	1	0	0	0	0	0	2	0	1	8
				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	2	1	1	1	0	0	0	0	0	2	0	2	9
0600	18	0	0	1—10	3	3	1	3	0	0	0	0	1	1	0	0	12
				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	3	1	3	0	0	0	0	1	1	1	0	13
0900	7	0	0	1—10	6	1	3	3	0	0	1	0	1	0	1	3	19
				11—27	0	1	0	1	1	0	0	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	6	2	3	4	1	0	1	0	1	0	2	4	24
1200	3	0	0	1—10	5	3	1	2	1	0	2	0	0	0	4	2	20
				11—27	1	1	1	0	0	0	0	0	0	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	6	4	2	2	1	0	2	0	0	2	6	3	28
1500	1	0	0	1—10	6	3	1	2	0	0	1	0	1	2	1	10	27
				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	6	4	1	2	0	0	1	0	1	2	2	11	30
1800	4	0	0	1—10	6	4	2	0	0	0	1	0	0	2	1	8	24
				11—27	1	1	0	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	7	5	2	0	0	0	1	0	0	2	2	8	27
2100	14	0	0	1—10	3	8	0	1	0	0	0	0	0	3	0	1	16
				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	3	8	0	2	0	0	0	0	0	3	0	1	17

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

FARAFRA — OCTOBER 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	1	1	0	0	0	1	0	1	2	0	2	14
				11—27	2	1	0	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	8	2	1	0	0	0	1	0	1	2	1	2	18
0300	15	0	7	1—10	5	3	0	0	0	0	0	0	0	0	0	1	9
				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	0	0	0	0	0	0	0	0	0	1	9
0600	18	0	0	1—10	4	2	0	0	0	0	0	1	0	2	2	2	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	4	2	0	0	0	0	0	1	0	2	2	2	13
0900	10	0	0	1—10	5	3	4	2	0	1	1	1	0	0	0	2	19
				11—27	0	1	0	0	1	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	5	4	4	2	1	1	1	1	0	0	0	2	21
1200	3	0	0	1—10	4	6	0	1	0	2	1	1	1	0	2	6	24
				11—27	0	0	0	1	0	0	0	1	0	0	2	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	6	0	2	0	2	1	2	1	0	4	6	28
1500	3	0	0	1—10	7	1	4	3	0	0	0	1	1	0	3	5	25
				11—27	1	1	0	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	8	2	4	3	0	0	0	1	1	0	4	5	28
1800	8	0	0	1—10	8	0	1	1	0	1	0	0	0	1	4	5	21
				11—27	1	0	1	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	2	1	0	1	0	0	0	1	4	5	23
2100	14	0	0	1—10	7	0	1	0	0	0	0	1	0	1	1	2	13
				11—27	2	1	0	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	9	1	1	0	0	0	0	1	0	1	2	2	17

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

DAKHLA — OCTOBER 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	3	0	0	1—10	1	0	0	0	0	4	2	1	3	10	4	3	2
				11—27	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	
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	
				All speeds	**1**	**0**	**0**	**0**	**0**	**4**	**2**	**1**	**3**	**10**	**4**	**3**	
0300	5	0	0	1—10	1	1	0	1	0	0	5	3	5	7	2	1	
				11—27	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	
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	
				All speeds	**1**	**1**	**0**	**1**	**0**	**0**	**5**	**3**	**5**	**7**	**2**	**1**	
0600	3	0	0	1—10	0	2	0	0	1	0	2	3	2	6	11	1	
				11—27	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	
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	
				All speeds	**0**	**2**	**0**	**0**	**1**	**0**	**2**	**3**	**2**	**6**	**11**	**1**	
0900	0	0	0	1—10	2	3	2	2	2	2	0	0	0	1	8	8	
				11—27	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	
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	
				All speeds	**2**	**3**	**2**	**2**	**2**	**2**	**0**	**0**	**0**	**1**	**8**	**9**	
1200	0	0	0	1—10	6	1	1	1	0	1	0	0	0	4	5	10	
				11—27	0	1	0	0	0	0	0	1	0	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**	**1**	**0**	**1**	**0**	**1**	**0**	**4**	**5**	**10**	
1500	0	0	0	1—10	13	4	0	0	1	0	1	0	0	0	2	9	
				11—27	0	0	0	0	0	0	0	1	0	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	**13**	**4**	**0**	**0**	**1**	**0**	**1**	**1**	**0**	**0**	**2**	**9**	
1800	0	0	0	1—10	5	4	1	0	1	1	1	0	0	2	7	8	
				11—27	0	0	0	0	0	0	0	0	0	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 speeds	**5**	**4**	**1**	**0**	**1**	**1**	**1**	**0**	**0**	**2**	**8**	**8**	
2100	2	0	0	1—10	0	3	1	0	1	2	1	1	1	7	11	1	
				11—27	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	
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	
				All speeds	**0**	**3**	**1**	**0**	**1**	**2**	**1**	**1**	**1**	**7**	**11**	**1**	

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

KHARGA — OCTOBER 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	25	0	0	1—10	6	0	0	0	0	0	0	0	0	0	0	0	6
				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	0	0	0	0	0	0	0	0	0	0	0	6
0300	27	0	0	1—10	4	0	0	0	0	0	0	0	0	0	0	0	4
				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	0	0	0	0	0	0	0	0	4
0600	23	0	0	1—10	8	0	0	0	0	0	0	0	0	0	0	0	8
				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	0	0	0	0	0	0	0	0	0	0	0	8
0900	5	0	0	1—10	11	10	1	0	0	0	0	0	0	0	0	0	22
				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	13	12	1	0	0	0	0	0	0	0	0	0	26
1200	9	0	0	1—10	14	4	0	0	0	0	0	0	0	0	0	2	20
				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	15	5	0	0	0	0	0	0	0	0	0	2	22
1500	10	0	0	1—10	17	3	0	0	0	0	0	0	0	0	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	17	3	0	0	0	0	0	0	0	0	0	1	21
1800	25	0	0	1—10	6	0	0	0	0	0	0	0	0	0	0	0	6
				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	0	0	0	0	0	0	0	0	0	0	0	6
2100	24	0	0	1—10	6	1	0	0	0	0	0	0	0	0	0	0	7
				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	1	0	0	0	0	0	0	0	0	0	0	7

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

TOR — OCTOBER 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	22	0	0	1—10	0	0	0	1	0	0	0	0	0	0	1	4	
				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	0	0	0	1	0	0	0	0	0	0	4	4	9
0300	26	0	0	1—10	0	0	0	0	0	0	0	0	0	0	2	0	2
				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	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	2	2	5
0600	19	0	0	1—10	0	3	0	0	1	0	0	0	0	0	3	3	10
				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	3	0	0	1	0	0	0	0	0	5	3	12
0900	3	0	0	1—10	0	0	0	0	0	1	0	1	0	5	6	1	14
				11—27	0	0	0	0	0	0	0	0	0	2	11	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	0	0	0	0	1	0	1	0	7	17	2	28
1200	3	0	0	1—10	0	0	0	0	0	0	2	2	1	7	5	2	19
				11—27	0	0	0	0	0	0	0	0	0	0	7	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	0	0	0	0	0	0	2	2	1	7	12	4	28
1500	7	0	0	1—10	1	0	0	0	0	0	2	0	0	1	9	4	17
				11—27	0	0	0	0	0	0	0	0	0	0	7	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	0	0	0	0	2	0	0	1	16	4	24
1800	12	0	0	1—10	1	0	0	0	0	1	1	0	0	1	5	6	15
				11—27	0	0	0	0	0	0	0	0	0	0	3	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	1	0	0	0	0	1	1	0	0	1	8	7	19
2100	18	0	0	1—10	1	0	0	0	0	1	0	0	0	0	5	3	10
				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	0	1	0	0	0	0	5	6	13

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

HURGHADA — OCTOBER 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	3	0	0	1–10	0	0	0	0	0	0	0	0	0	3	11	0	14
				11–27	0	0	0	0	0	0	0	0	0	5	7	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	0	0	0	0	0	0	0	0	0	8	18	2	28
0300	1	0	0	1–10	0	0	0	0	0	0	0	1	0	3	15	0	19
				11–27	0	0	0	0	0	0	0	0	0	4	4	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	0	0	0	0	0	0	0	1	0	7	19	3	30
0600	0	0	0	1–10	1	0	0	0	0	0	0	1	0	0	7	1	10
				11–27	0	0	0	0	0	0	0	0	0	0	11	10	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	1	0	0	0	0	0	0	1	0	0	18	11	31
0900	0	0	0	1–10	[illegible]	3	0	1	0	0	0	0	0	0	0	0	8
				11–27	5	0	0	0	0	0	0	0	0	0	0	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	9	3	0	1	0	0	0	0	0	0	0	18	31
1200	0	0	0	1–10	1	8	6	1	2	0	0	0	0	0	0	0	18
				11–27	11	0	0	0	0	0	0	0	0	0	0	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	12	8	6	1	2	0	0	0	0	0	0	2	31
1500	2	0	0	1–10	4	3	0	0	4	7	0	0	0	0	1	2	21
				11–27	2	0	0	0	0	0	0	0	0	0	0	6	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	0	0	4	7	0	0	0	0	1	8	29
1800	4	0	0	1–10	0	0	0	0	0	6	0	0	1	2	4	4	17
				11–27	0	0	0	0	0	1	0	0	0	0	5	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	0	0	0	0	0	7	0	0	1	2	9	8	27
2100	6	0	0	1–10	1	0	1	0	0	0	0	0	0	5	11	3	21
				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	1	0	1	0	0	0	0	0	0	6	14	3	25

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

QUSEIR — OCTOBER 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	1	0	0	1	0	0	1	1	0	6	5	3	18
				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	2	0	0	1	0	0	1	1	0	6	9	4	24
0300	4	0	0	1—10	0	0	0	0	0	0	0	0	0	9	8	6	23
				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	0	0	0	9	10	8	27
0600	4	0	0	1—10	0	0	0	0	0	0	0	0	0	6	2	6	14
				11—27	0	0	0	0	0	0	0	0	0	0	3	10	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	0	0	0	6	5	16	27
0900	0	0	0	1—10	3	5	1	2	0	0	0	0	0	0	0	1	12
				11—27	16	1	0	0	0	0	0	0	0	0	0	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	19	6	1	2	0	0	0	0	0	0	0	3	31
1200	0	0	0	1—10	7	5	2	3	0	0	0	0	0	0	0	0	17
				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	20	6	2	3	0	0	0	0	0	0	0	0	31
1500	8	0	0	1—10	12	2	3	2	2	1	0	0	0	0	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	12	2	3	2	2	1	0	0	0	0	0	1	23
1800	21	0	0	1—10	0	1	0	0	1	0	1	0	0	2	4	1	10
				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	1	0	0	1	0	1	0	0	2	4	1	10
2100	17	0	0	1—10	0	0	0	0	0	0	1	0	0	7	4	0	12
				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	1	0	0	0	0	0	1	0	0	7	5	0	14

TABLE B 1.—UPPER AIR CLIMATOLOGICAL DATA

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

Pressure surface (millibar)	Altitude of pressure surface (gpm.)				Temperature (°C)				Dew point (°C)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
Surface	31	1012mb.*	1016mb.*	1007mb.*	31	20.6	24.0	16.3	31	16.8
1000	31	145	180	104	31	20.5	23.7	17.6	31	16.2
850	31	1536	1573	1503	31	14.1	19.1	10.2	31	4.8
700	31	3146	3260	3087	31	3.6	7.6	— 0.2	30	— 5.1
600	31	4379	4458	4316	31	— 4.6	— 0.5	— 7.5	27	—13.1
500	31	5789	5856	5717	31	—14.4	—10.6	—18.6	19	—20.6
400	31	7444	7558	7358	31	—26.3	—22.7	—29.5	15	—32.2
300	31	9461	9593	9358	31	—41.1	—37.6	—45.0	2	—46.5
200	31	12113	12246	11986	31	—56.2	—50.0	—61.3	—	—
150	31	13921	14042	13810	31	—60.6	—53.9	—65.7	—	—
100	26	16426	16537	16366	26	—63.0	—58.6	—68.6	—	—
60	19	19599	19764	19466	19	—59.5	—55.0	—62.7	—	—
40	17	22160	22374	22005	17	—56.0	—52.7	—58.2	—	—
30	14	24016	24196	23888	14	—53.2	—50.1	—57.7	—	—
20	7	26620	26747	26491	7	—50.5	—46.5	—55.5	—	—
10	1	31237	—	—	1	—44.6	—	—	—	—

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

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

TABLE B 1.—UPPER AIR CLIMATOLOGICAL DATA

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

Pressure surface (millibar)	Altitude of pressure surface (gpm.)				Temperature (°C)				Dew point (°C)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
Surface	31	1011mb.*	1015mb.*	1007mb.*	31	25.4	29.5	23.4	31	17.2
1000	31	143	173	104	30	21.4	28.5	22.0	30	16.4
850	31	1511	1575	1500	30	14.4	20.0	9.0	30	4.1
700	31	3173	3203	3102	31	4.5	8.6	— 0.8	31	— 6.0
600	31	4391	4453	4321	31	— 3.6	0.0	— 7.0	29	—13.9
500	31	5806	5880	5726	31	—13.2	— 9.4	—16.8	20	—22.5
400	31	7469	7564	7378	31	—25.2	—20.5	—29.0	15	—31.9
300	31	9492	9607	9379	31	—40.7	—36.6	—45.0	—	—
200	31	12151	12272	11980	31	—55.9	—50.3	—61.8	—	—
150	31	13965	14069	13798	31	—59.6	—55.0	—65.0	—	—
100	29	16481	16608	16334	29	—62.8	—58.0	—68.9	—	—
60	14	19652	19729	19508	14	—58.9	—54.9	—63.0	—	—
40	11	22247	22316	22175	11	—53.7	—50.2	—58.2	—	—
30	8	24120	24180	24044	8	—51.2	—47.7	—56.8	—	—
20	3	26810	26846	26780	3	—45.5	—44.4	—47.0	—	—
10	—	—	—	—	—	—	—	—	—	—

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

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

TABLE B 1.—UPPER AIR CLIMATOLOGICAL DATA

HELWAN — 0600 U.T. — OCTOBER 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	* 998mb.	* 1001mb.	* 993mb.	28	21.5	25.0	18.0	28	15.8
1000	28	12	149	84	3	21.1	21.5	20.7	3	16.0
850	28	1520	1556	1448	28	16.5	23.9	11.1	28	3.9
700	28	3142	3200	3071	27	6.0	9.5	0.2	23	— 7.5
600	28	4286	4447	4291	28	— 2.2	1.2	— 6.6	9	—11.2
500	28	5803	5881	5701	28	—11.8	— 8.8	—16.6	7	—20.7
400	28	7480	7575	7350	28	—24.3	—19.2	—30.6	6	—33.3
300	28	9543	9644	9339	28	—39.5	—35.0	—45.2	1	—43.6
200	28	12148	12358	11985	28	—55.8	—49.8	—62.1	—	—
150	24	13987	14165	13845	24	—61.8	—57.9	—65.8	—	—
100	19	16466	16602	16339	19	—64.7	—59.5	—69.2	—	—
60	14	19608	19746	19453	14	—61.6	—56.3	—64.0	—	—
40	10	22138	22273	21973	10	—56.1	—54.0	—59.5	—	—
30	7	23975	24055	23898	7	—53.3	—45.8	—57.0	—	—
20	3	26683	26800	26525	3	—45.2	—34.0	—51.1	—	—
10	1	31133	—	—	1	—47.0	—	—	—	—

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. — OCTOBER 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 . .	27	* 996mb	* 1000mb.	* 992mb.	27	30.5	35.6	25.4	27	10.7
1000	27	113	140	76	2	29.3	33.8	21.5	2	8.2
850	37	1527	1575	1496	27	17.1	23.0	13.0	27	2.7
700	27	3152	3207	3108	27	6.4	9.6	2.5	20	— 7.8
600	27	4396	4461	4348	27	— 1.7	2.0	— 6.3	10	—12.8
500	27	5820	5905	5751	26	—11.6	— 8.0	—13.8	7	—22.6
400	27	7493	7598	7396	27	—23.7	—20.6	—28.7	4	—34.9
300	27	9527	9641	9387	27	—39.0	—35.6	—44.9	—	—
200	26	12204	12316	11990	26	—55.7	—50.4	—62.0	—	—
150	25	14011	14130	13798	25	—61.8	—56.2	—66.7	—	—
100	20	16501	16621	16313	20	—64.8	—61.4	—70.4	—	—
60	13	19568	19812	19501	13	—59.6	—55.4	—64.2	—	—
40	10	22259	22455	22059	10	—53.0	—47.8	—56.6	—	—
30	6	24079	24246	23839	6	—50.8	—46.7	—55.0	—	—
20	4	26833	27298	26492	4	—48.8	—46.0	—52.9	—	—
10	1	31031	—	—	1	—43.3	—	—	—	—

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. — OCTOBER 1962

Pressure surface (millibar)	Altitude of pressure surfaces (gpm.)				Temperature (°C)				Dew point (C°)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
Surface of station . .	31	* 989mb.	* 99[illegible]mb.	* 986mb.	31	23.[illegible]	30.8	19.2	31	5.3
1000	—	—	—	—	—	—	—	—	—	—
850	31	1513	1547	1477	31	20.0	29.2	13.8	27	— 0.1
700	31	3147	3199	3030	31	7.1	12.0	3.4	23	—12.0
600	31	4394	4459	4305	31	— 1.5	4.6	— 6.6	6	—18.4
500	31	5826	5910	5707	31	— 9.8	— 4.3	—15.9	1	—22.6
400	31	7511	7627	7318	31	—21.7	—13.2	—27.7	—	—
300	31	9565	9717	9355	31	—37.8	—24.8	—42.7	—	—
200	31	12260	12[illegible]51	12011	31	—55.3	—43.7	—60.0	—	—
150	31	14052	14436	13804	31	—65.3	—55.4	—69.0	—	—
100	31	16475	16938	16232	31	—71.4	—64.0	—75.0	—	—
60	23	19561	20082	1[illegible]360	23	—64.0	—[illegible].8	—67.4	—	—
40	19	22063	22334	21850	19	—57.8	—54.6	—62.0	—	—
30	9	23596	24181	22134	9	—55.5	—53.2	—59.1	—	—
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. — OCTOBER 1962

Pressure surface (millibar)	Altitude of pressure surfaces (gpm.)				Temperature (°C)				Dew point (°C)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
Surface of station . .	31	* 988mb.	* 990mb.	* 985mb.	31	36.4	41.2	31.5	31	2.1
1000	—	—	—	—	—	—	—	—	—	—
850	31	1530	1557	1499	31	23.5	31.9	18.0	15	— 1.2
700	31	3180	3246	3136	31	9.9	16.8	7.0	17	—11.5
600	31	4437	4532	4396	31	0.8	7.1	— 3.6	8	—20.0
500	31	5879	6012	5825	31	— 7.5	0.0	—12.2	—	—
400	31	7645	7770	7503	31	—19.6	— 9.5	—28.8	—	—
300	31	9656	9931	9540	31	—3[illegible].2	—23.2	—45.0	—	—
200	30	12364	12807	12098	30	—53.8	—39.0	—58.4	—	—
150	27	14183	14739	14043	27	—62.8	—49.3	—66.4	—	—
100	26	16631	17363	16485	26	—69.8	—54.9	—74.8	—	—
60	20	19[illegible]89	19797	19550	20	—61.9	—58.0	—64.2	—	—
40	15	22217	22370	22055	15	—55.2	—49.2	—60.8	—	—
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. — OCTOBER 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)	3700 (31)	656 (31)	— 8.5 (30)	4500	579	—5.1	3140	696	— 2.6	11768 (31)	212 (31)	—55.9 (31)	14460	135	—62.5	10470	256	—51.2	14400	139	240	128
Helwan	4036 (28)	628 (28)	—10.0 (15)	4590	589	—	3140	694	—14.3	11996 (22)	214 (22)	—56.5 (22)	15800	112	—68.4	9200	309	—39.9	10900	245	230	130
Aswan . . . (A)	4164 (31)	618 (31)	—14.9 (12)	5260	541	—	3330	681	—14.4	15348 (28)	124 (28)	—69.4 (28)	17828	80	—71.8	12660	186	—61.3	16000	109	260	150

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. — OCTOBER 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)	3804 (31)	646 (31)	—10.7 (31)	4440	600	—14.2	3000	710	—10.2	12096 (28)	206 (28)	—56.0 (28)	14970	129	—61.8	10300	207	—43.7	12800	183	270	119
Helwan	4103 (27)	602 (27)	— 8.9 (12)	4760	578	—	3460	672	—13.0	11710 (24)	218 (24)	—54.8 (24)	14200	145	—66.0	9770	288	—42.0	14600	138	270	100
Aswan . . . (A)	4513 (31)	593 (31)	—17.5 (10)	6012	500	—	3340	685	—	15704 (25)	121 (25)	—66.8 (25)	20050	56	—64.2	12800	182	—60.2	13600	163	260	192

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. — OCTOBER 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	3	9	2	8	2	6	1	11	5	8	2	10	3	9	0	—	5	8	4	9	0	—	1	8	3	31	8
1000	3	9	2	8	2	6	1	11	5	8	2	10	3	9	0	—	5	8	4	9	0	—	1	8	3	31	8
850	2	12	3	15	1	9	3	8	1	15	1	4	1	3	3	13	5	12	1	22	9	12	1	11	0	31	12
700	2	14	1	11	1	9	1	9	0	—	0	—	1	12	2	16	9	18	10	19	3	14	1	8	0	31	16
600	1	6	0	—	1	4	0	—	0	—	0	—	0	—	5	19	5	24	13	26	2	10	4	11	0	31	20
500	0	—	0	—	0	—	0	—	0	—	1	7	0	—	4	25	6	30	18	24	2	18	0	—	0	31	24
400	0	—	0	—	0	—	0	—	0	—	0	—	1	13	5	2	10	31	12	30	3	26	2	19	0	31	28
300	0	—	0	—	0	—	0	—	0	—	0	—	0	—	4	24	11	38	12	40	2	35	2	20	6	31	32
200	0	—	0	—	0	—	0	—	0	—	0	—	0	—	4	42	12	45	11	50	0	—	2	24	2	29	46
150	1	31	0	—	0	—	0	—	0	—	0	—	0	—	1	30	10	48	11	45	0	—	0	—	9	23	46
100	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	22	3	29	2	60	1	22	0	—	0	7	35
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. — OCTOBER 1962

pressure surface (millibar)	Wind between specified ranges of direction (000-360)°																								Number of calm cases	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	11	10	3	13	3	11	2	14	0	—	1	12	0	—	2	12	0	—	0	—	1	14	8	13	0	31	12
1000	11	10	3	13	3	11	2	14	0	—	1	12	0	—	2	12	0	—	0	—	1	14	8	13	0	31	12
850	2	14	1	14	1	12	2	7	0	—	2	10	1	19	2	13	8	12	7	13	3	13	1	2	1	31	11
700	1	15	1	9	1	5	2	6	0	—	1	5	1	36	5	21	6	20	7	17	5	15	1	11	0	31	17
600	1	13	1	4	0	—	0	—	0	—	0	—	1	33	3	31	10	21	11	20	3	22	1	5	0	31	21
500	0	—	0	—	0	—	0	—	0	—	0	—	1	3	3	28	14	27	9	27	3	17	1	9	0	31	25
400	0	—	0	—	0	—	0	—	0	—	0	—	0	—	3	29	15	27	9	30	4	28	0	—	0	31	28
300	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	50	15	39	12	39	3	27	0	—	0	31	38
200	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	14	52	12	38	1	28	0	—	0	27	45
150	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	10	40	9	39	2	34	0	—	0	21	39
100	0	—	0	—	0	—	0	—	0	—	1	—	0	—	0	—	6	30	4	45	1	27	0	—	0	11	35
60	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	43	0	—	0	—	0	—	0	1	43
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. — OCTOBER 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	7	10	11	2	12	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	5	6	28	7
1000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
850	1	1	2	12	2	6	0	—	0	—	0	—	2	26	1	12	6	12	4	9	4	14	6	12	0	28	12
700	1	9	0	—	1	5	1	11	0	—	0	—	0	—	8	23	4	17	5	15	7	20	1	8	0	28	19
600	1	15	0	—	0	—	0	—	0	—	0	—	1	26	7	32	4	21	10	25	4	24	1	11	0	28	25
500	0	—	0	—	0	—	0	—	0	—	0	—	0	—	4	42	6	29	14	25	3	22	1	17	0	28	28
400	0	—	0	—	0	—	0	—	0	—	0	—	0	—	3	33	10	38	13	40	1	21	1	15	0	28	34
300	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	37	12	46	9	46	3	39	1	20	0	26	47
200	1	31	0	—	0	—	0	—	0	—	0	—	0	—	1	74	7	58	9	53	3	52	0	—	0	21	54
150	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	3	46	5	48	3	37	0	—	0	11	44
100	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	40	4	57	1	34	0	—	0	6	50
60	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	—	—	3	12	0	—	0	—	0	3	12
40	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	—	—	1	7	1	8	0	—	1	3	5
30	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	—	—	1	4	0	—	0	—	1	2	2
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. — OCTOBER 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	3	12	4	11	2	7	0	—	0	—	0	—	1	8	1	6	1	8	5	6	3	8	7	7	0	27	8
1000	0	—	1	9	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	2	0	—	0	—	0	2	6
850	2	8	4	9	1	12	0	—	2	8	0	—	2	14	2	10	2	21	3	13	5	11	4	8	0	27	11
700	2	10	0	—	0	—	0	—	0	—	0	—	0	—	8	32	3	28	7	17	6	13	1	17	0	27	21
600	1	9	0	—	0	—	0	—	0	—	0	—	0	—	7	31	6	21	10	22	3	21	0	—	0	27	24
500	1	14	0	—	0	—	0	—	0	—	0	—	0	—	6	26	6	32	10	27	4	18	0	—	0	27	26
400	1	19	0	—	0	—	0	—	0	—	0	—	0	—	2	51	7	39	13	32	4	33	0	—	0	27	35
300	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	8	49	11	48	4	32	1	22	0	24	47
200	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	5	74	10	52	3	42	0	—	0	18	56
150	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	3	60	9	53	1	50	0	—	0	13	54
100	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	65	4	41	1	27	0	—	0	7	46
60	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	15	1	20	0	—	1	2	0	3	12
40	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	5	1	8	0	—	0	—	0	—	—	2	6
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. — OCTOBER 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 (ff) m/s
	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	19	10	4	9	1	12	2	4	2	6	1	18	0	—	0	—	0	—	0	—	6	—	6	—	2	31	9
1000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
850	2	15	3	16	5	12	4	9	5	9	2	12	1	7	1	3	1	3	1	17	2	8	3	9	0	31	11
700	0	—	3	9	2	8	3	13	3	12	0	—	1	12	8	13	3	9	3	13	3	8	2	8	0	31	11
600	2	4	2	11	2	5	1	22	1	3	3	21	1	6	6	18	7	21	2	8	2	6	1	2	1	31	14
500	1	3	2	4	0	—	1	18	0	—	0	—	1	4	6	13	8	30	8	20	2	13	1	2	1	31	18
400	0	—	0	—	0	—	0	—	0	—	0	—	1	6	4	30	11	34	11	29	2	22	1	15	1	31	28
300	0	—	0	—	0	—	2	—	0	—	0	—	2	31	4	38	11	52	12	32	0	—	0	—	1	30	39
200	0	—	0	—	0	—	0	—	0	—	0	—	0	—	3	62	11	56	11	47	1	34	0		0	26	53
150	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	114	8	61	13	70	1	61	0	—	0	24	72
100	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	9	73	6	80	0	—	1	42	0	16	73
60	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	20	2	44	0	—	0	—	0	3	36
40	0	—	0	—	—	—	0	—	0	—	0	—	0	—	1	35	0	—	0	—	0	—	0	—	0	1	35
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

N = The number of cases the wind has been observed form 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. — OCTOBER 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	14	10	1	4	1	9	2	5	2	4	0	—	0	—	1	5	0	—	0	—	0	—	5	6	5	31	7
1000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
850	6	7	2	11	1	9	2	7	2	4	1	3	4	5	3	9	3	6	2	8	0	—	4	7	1	31	7
700	0	—	1	6	3	10	3	12	3	8	4	19	1	11	3	18	5	13	4	10	1	10	2	10	1	31	12
600	0	—	2	11	1	26	3	17	2	8	2	7	3	15	3	19	8	21	5	9	2	12	0	—	0	31	15
500	0	—	0	—	0	—	0	—	2	9	1	4	0	—	7	32	10	28	9	23	0	—	1	5	1	31	24
400	0	—	0	—	0	—	0	—	0	—	2	8	3	14	2	46	12	34	8	31	2	27	1	25	1	31	29
300	0	—	0	—	0	—	0	—	0	—	0	—	0	—	6	57	10	64	11	37	3	24	0	—	0	30	46
200	0	—	0	—	1	32	0	—	0	—	0	—	0	—	1	125	7	73	11	50	1	44	0	—	1	22	57
150	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	125	4	58	10	69	1	49	0	—	0	16	63
100	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	5	62	2	102	2	71	0	—	0	9	74
60	0	—	0	—	0	—	—	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	—
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 STATIONS

GIZA – OCTOBER 1962

This month was warm and dry as compared with the normal values of air temperature and humidity for Giza during October. The daily mean air temperature at 2 metres above ground was above normal ; the mean daily relative humidity was below normal and the total rainfall was below normal (-2 mms.). Three moderate heat waves occurred during the month ; during the first week, towards the end of the second, and the end of the third weeks. The highest maximum was 35.8°C occurring on both the 3rd & 21 st.

The extreme maximum and extreme minimum soil temperatures at all depths in the different fields were higher than the corresponding values for October 1961. In the dry field, the deviations of the extreme maxima were between + 7.0°C at 1 cm depth and + 0.3°C at 200 & 300 cms. depths ; while the deviations of the extreme minima were between 3.4°C at 0.3 cm. depth, and 0.1 °C at 300 cms. depth.

The daily mean wind speed at 2 metres above ground was the same as that of October 1961 (1.9m/sec.). The daily mean values of Piche evaporation, water pan evaporation, potential evaporation and potential evapotranspiration were + 2.4,+ 0.56, +0.3, -0.1 mms., respectively relative to the corresponding values of last October. The total actual duration of bright sunshine was 4.4 hours higher than the corresponding value of October 1961.

TAHRIR – OCTOBER 1962

This month was appreciably warmer (+ 2.3°C) than October 1961, but with the same relative humidity ; consequently vapour pressure was higher by 1.8 mms. Rainfall amounted to traces against 7.1 mms for last year. Total radiation and sunshine duration were less by 480 langleys and 12.9 hours (or 4% of possible duration) respectively. The mean wind speed at 2 metres above ground was less by (0.4 m/sec.) but Piche evaporation was higher in the mean by 0.6 mm.

The extreme maximum soil temperatures at different depths were higher this year than those of last year by amounts ranging between 2.3 & 3.2°C. The extreme minimum soil temperatures were also higher by 1.9 to 4.5°C 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 — OCTOBER 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	35.7	22.2	27.5	24.3	30.1	24.0	24.0	24.0	24.0	24.0	24.0	14.0	7.0	0.0	0.0	0.0
2	34.6	21.8	27.1	25.2	29.0	24.0	24.0	24.0	24.0	24.0	24.0	14.0	7.0	0.0	0.0	0.0
3	35.8	19.5	27.3	24.3	30.5	24.0	24.0	24.0	24.0	24.0	23.0	14.5	8.0	0.5	0.0	0.0
4	34.3	17.5	26.2	23.6	28.7	24.0	24.0	24.0	24.0	24.0	20.5	14.5	6.5	0.0	0.0	0.0
5	33.3	18.0	25.7	24.1	27.6	24.0	24.0	24.0	24.0	24.0	22.0	13.0	6.0	0.0	0.0	0.0
6	32.6	19.0	24.5	23.6	26.7	24.0	24.0	24.0	24.0	24.0	22.0	8.0	1.0	0.0	0.0	0.0
7	31.2	15.9	23.8	23.3	26.4	24.0	24.0	24.0	24.0	24.0	18.0	10.5	0.5	0.0	0.0	0.0
8	29.9	16.6	23.4	21.8	25.3	24.0	24.0	24.0	24.0	24.0	17.5	9.0	0.0	0.0	0.0	0.0
9	29.0	16.9	22.9	21.6	24.8	24.0	24.0	24.0	24.0	24.0	17.0	7.5	0.0	0.0	0.0	0.0
10	28.8	15.8	22.6	20.2	24.9	24.0	24.0	24.0	24.0	24.0	16.5	8.0	0.0	0.0	0.0	0.0
11	29.5	15.9	23.0	20.8	25.1	24.0	24.0	24.0	24.0	24.0	16.5	8.5	0.0	0.0	0.0	0.0
12	30.4	17.0	24.0	21.6	25.9	24.0	24.0	24.0	24.0	24.0	18.5	11.0	0.0	0.0	0.0	0.0
13	35.1	17.1	26.2	23.3	28.8	24.0	24.0	24.0	24.0	24.0	21.0	12.5	7.0	0.0	0.0	0.0
14	34.0	17.2	25.6	23.4	28.5	24.0	24.0	24.0	24.0	24.0	21.5	11.5	6.0	0.0	0.0	0.0
15	30.0	19.5	24.0	22.7	26.1	24.0	24.0	24.0	24.0	24.0	23.0	9.5	0.0	0.0	0.0	0.0
16	29.4	18.6	23.7	22.1	25.7	24.0	24.0	24.0	24.0	24.0	21.0	9.0	0.0	0.0	0.0	0.0
17	30.4	16.6	23.7	21.5	25.7	24.0	24.0	24.0	24.0	24.0	17.0	10.0	0.0	0.0	0.0	0.0
18	31.4	17.5	24.5	22.2	26.8	24.0	24.0	24.0	24.0	24.0	19.5	10.5	4.0	0.0	0.0	0.0
19	33.2	19.3	25.6	23.3	27.0	24.0	24.0	24.0	24.0	24.0	23.0	11.5	5.0	0.0	0.0	0.0
20	34.0	21.1	26.3	24.3	28.4	24.0	24.0	24.0	24.0	24.0	21.0	12.0	5.0	0.0	0.0	0.0
21	35.8	18.8	26.4	24.2	28.8	24.0	24.0	24.0	24.0	24.0	23.0	13.0	6.5	0.0	0.0	0.0
22	33.5	18.4	25.3	23.5	27.4	24.0	24.0	24.0	24.0	24.0	20.5	12.0	5.0	0.0	0.0	0.0
23	30.4	17.9	24.0	23.9	25.3	24.0	24.0	24.0	24.0	24.0	21.0	8.0	0.0	0.0	0.0	0.0
24	28.4	19.2	22.7	22.4	24.4	24.0	24.0	24.0	24.0	24.0	19.5	6.0	0.0	0.0	0.0	0.0
25	28.2	14.6	21.6	19.2	23.5	24.0	24.0	24.0	24.0	24.0	16.0	5.0	0.0	0.0	0.0	0.0
26	31.9	18.9	24.4	21.5	26.7	24.0	24.0	24.0	24.0	24.0	21.0	10.0	2.5	0.0	0.0	0.0
27	30.6	16.7	24.0	22.8	26.5	24.0	24.0	24.0	24.0	24.0	19.5	9.0	0.0	0.0	0.0	0.0
28	28.7	16.7	22.2	20.6	24.7	24.0	24.0	24.0	24.0	24.0	15.5	6.0	0.0	0.0	0.0	0.0
29	27.7	13.4	20.9	18.9	23.6	24.0	24.0	24.0	24.0	22.0	12.0	6.0	0.0	0.0	0.0	0.0
30	28.4	13.7	21.9	18.6	24.4	24.0	24.0	24.0	24.0	22.0	16.0	8.0	0.0	0.0	0.0	0.0
31	32.7	16.6	22.6	20.5	26.1	24.0	24.0	24.0	24.0	24.0	13.5	7.5	4.0	0.0	0.0	0.0
Total	—	—	—	—	—	744.0	744.0	744.0	744.0	740.0	607.0	309.5	81.0	0.5	0.0	0.0
Mean	31.6	17.7	24.3	22.4	26.6	24.0	24.0	24.0	24.0	23.9	19.6	10.0	2.6	0.0	0.0	0.0

Highest Maximum at 2 Metres 35.8°C on 3rd & 21th Highest Minimum at 2 Metres 22.2°C on 1st

Lowest Maximum at 2 Metres 27.7°C on 29th Lowest Minimum at 2 Metres 13.4°C on 29th

Absolute Minimum Temperature at 5 cms. Above Dry Soil 9.7 °C on 29th

" " " " " Wet Soil 10.2 °C on 30th

" " " " " Grass 9.0 °C on 29, 30th

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

TAHRIR — OCTOBER 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	34.6	20.0	26.0	22.4	29.1	24.0	24.0	24.0	24.0	24.0	24.0	11.5	6.5	0.0	0.0	0.0
2	33.3	20.2	25.8	23.5	28.4	24.0	24.0	24.0	24.0	24.0	24.0	12.0	5.5	0.0	0.0	0.0
3	34.2	20.2	26.3	22.9	29.6	24.0	24.0	24.0	24.0	24.0	24.0	12.0	7.5	0.0	0.0	0.0
4	34.4	18.5	25.2	22.5	28.3	24.0	24.0	24.0	24.0	24.0	20.5	11.0	6.0	0.0	0.0	0.0
5	32.8	19.7	25.1	22.2	28.3	24.0	24.0	24.0	24.0	24.0	22.5	11.5	5.0	0.0	0.0	0.0
6	30.7	18.7	23.6	21.7	26.4	24.0	24.0	24.0	24.0	24.0	18.0	9.0	0.0	0.0	0.0	0.0
7	30.4	17.3	23.4	20.5	26.1	24.0	24.0	24.0	24.0	24.0	17.0	9.0	0.0	0.0	0.0	0.0
8	30.0	18.0	23.1	21.2	25.5	24.0	24.0	24.0	24.0	24.0	17.0	9.0	0.0	0.0	0.0	0.0
9	29.9	17.4	22.5	20.3	24.8	24.0	24.0	24.0	24.0	24.0	16.5	7.0	0.0	0.0	0.0	0.0
10	29.2	18.2	22.8	20.8	25.3	24.0	24.0	24.0	24.0	24.0	17.0	8.0	0.0	0.0	0.0	0.0
11	30.6	17.3	22.8	20.1	25.5	24.0	24.0	24.0	24.0	24.0	16.0	8.5	0.0	0.0	0.0	0.0
12	31.1	16.4	23.2	20.3	25.9	24.0	24.0	24.0	24.0	24.0	16.5	9.5	0.0	0.0	0.0	0.0
13	33.4	17.2	24.1	20.9	27.4	24.0	24.0	24.0	24.0	24.0	16.5	10.0	5.0	0.0	0.0	0.0
14	33.3	18.8	24.0	21.6	27.2	24.0	24.0	24.0	24.0	24.0	19.0	9.0	3.5	0.0	0.0	0.0
15	29.6	18.1	22.4	20.7	25.0	24.0	24.0	24.0	24.0	24.0	14.0	7.0	0.0	0.0	0.0	0.0
16	28.8	16.8	22.1	19.4	24.9	24.0	24.0	24.0	24.0	24.0	13.5	9.0	0.0	0.0	0.0	0.0
17	29.8	16.7	22.6	19.5	25.5	24.0	24.0	24.0	24.0	24.0	15.0	8.0	0.0	0.0	0.0	0.0
18	30.7	17.4	23.4	20.2	26.4	24.0	24.0	24.0	24.0	24.0	16.0	9.5	0.5	0.0	0.0	0.0
19	32.1	18.2	24.0	21.7	26.9	24.0	24.0	24.0	24.0	24.0	16.5	10.0	3.0	0.0	0.0	0.0
20	33.2	17.4	23.8	20.9	26.5	24.0	24.0	24.0	24.0	24.0	18.5	10.0	3.5	0.0	0.0	0.0
21	32.0	19.0	23.7	21.9	26.0	24.0	24.0	24.0	24.0	24.0	17.5	8.0	3.0	0.0	0.0	0.0
22	31.5	19.0	24.4	21.8	27.3	24.0	24.0	24.0	24.0	24.0	18.5	9.5	5.0	0.0	0.0	0.0
23	29.9	16.9	22.9	21.4	25.3	24.0	24.0	24.0	24.0	24.0	1[illegible].5	8.0	0.0	0.0	0.0	0.0
24	27.5	17.3	21.8	21.0	23.9	24.0	24.0	24.0	24.0	24.0	[illegible].0	6.0	0.0	0.0	0.0	0.0
25	28.6	16.1	21.5	18.9	24.0	24.0	24.0	24.0	24.0	24.0	14.5	6.0	0.0	0.0	0.0	0.0
26	30.3	16.6	22.5	19.5	25.2	24.0	24.0	24.0	24.0	24.0	1[illegible].0	8.0	0.0	0.0	0.0	0.0
27	30.2	18.9	23.4	21.8	25.7	24.0	24.0	24.0	24.0	24.0	21.0	8.0	0.0	0.0	0.0	0.0
28	28.6	16.2	21.6	20.0	24.0	24.0	24.0	24.0	24.0	24.0	12.5	6.0	0.0	0.0	0.0	0.0
29	28.5	14.8	21.2	18.7	24.0	24.0	24.0	24.0	24.0	24.0	13.5	6.5	0.0	0.0	0.0	0.0
30	28.2	14.3	20.9	18.4	23.8	24.0	24.0	24.0	24.0	23.5	13.0	6.0	0.0	0.0	0.0	0.0
31	32.9	16.2	23.0	19.4	26.6	24.0	24.0	24.0	24.0	24.0	16.5	8.0	3.5	0.0	0.0	0.0
Total	—	—	—	—	—	744.0	744.0	744.0	744.0	743.5	536.5	268.5	57.5	0.0	0.0	0.0
Mean	31.0	17.7	23.3	20.8	26.1	24.0	24.0	24.0	24.0	24.0	17.3	8.7	1.9	0.0	0.0	0.0

Highest Maximum at 2 Metres 34.6°C on 1st **Highest Minimum at 2 Metres** 20.2°C **on 2,3rd**

Lowest Maximum at 2 Metres 27.5°C on 24th **Lowest Minimum at 2 Metres** 14.3°C **on 30th**

Absolute Minimum Temperature at 5 cms. Above Dry Soil 12.0 °C 30th

" " " " " **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 — OCTOBER 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		mount of rainfall ni 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	3.0	2.7	3.6	453	10.2	11.9	86	0	10	70	43	17.5	16.9	14.5	9.80	0
2	2.3	2.6	2.0	437	10.1	11.9	85	6	10	76	47	18.1	17.3	10.9	7.44	0
3	1.8	1.1	2.9	446	9.9	11.8	84	6	8	58	26	13.1	10.9	16.1	8.67	0
4	0.9	0.5	1.5	419	10.4	11.8	88	0	6	56	30	12.8	11.1	13.1	7.08	0
5	1.4	1.2	1.7	436	10.4	11.8	88	6	7	66	33	13.7	11.1	12.7	7.49	0
6	1.4	1.2	1.6	336	7.1	11.8	60	0	6	70	39	14.2	11.6	8.2	6.32	1.1
7	1.3	0.8	2.0	333	8.4	11.7	72	6	7	66	36	13.3	11.0	10.8	5.23	0
8	1.3	0.8	2.1	405	9.8	11.7	84	6	9	71	43	14.2	13.0	10.9	6.55	0
9	1.5	0.9	2.2	406	9.5	11.6	82	6	8	70	45	13.6	11.9	9.7	5.96	0
10	1.4	0.7	2.4	368	8.4	11.6	72	5	8	66	44	13.2	12.1	9.9	5.88	0
11	1.3	0.7	2.1	422	10.1	11.6	87	6	8	72	44	14.1	12.7	10.3	6.24	0
12	1.4	1.1	2.2	405	10.1	11.6	87	5	8	66	41	13.5	12.6	12.8	7.80	0
13	1.5	1.3	1.8	396	10.0	11.5	87	2	4	58	23	11.8	8.9	16.0	7.79	0
14	2.1	1.9	2.3	407	10.5	11.5	91	0	4	60	28	12.6	10.5	15.7	7.59	0
15	3.1	2.9	3.4	396	10.3	11.5	90	0	9	73	49	15.0	14.7	13.3	7.75	0
16	3.1	2.7	3.7	415	10.6	11.4	93	0	0	64	40	12.8	11.7	13.7	7.63	0
17	2.5	1.8	3.4	396	10.3	11.4	90	4	10	70	44	14.5	13.4	11.7	6.01	0
18	2.6	1.9	3.5	365	7.7	11.4	68	5	9	73	40	14.9	13.3	13.2	7.33	0
19	2.6	2.5	2.7	361	8.6	11.4	75	5	10	78	38	16.5	13.7	11.6	6.43	0
20	2.4	2.4	2.4	393	10.5	11.4	92	1	9	76	33	16.4	13.0	10.7	7.42	0
21	1.8	1.6	2.1	372	10.5	11.3	93	4	8	72	30	15.0	11.4	12.2	6.92	0
22	1.8	1.3	2.6	369	10.0	11.3	88	5	9	74	44	15.9	15.9	11.2	6.97	0
23	2.6	1.8	3.6	381	9.6	11.2	86	5	11	80	49	15.9	15.0	10.4	6.41	0
24	2.4	1.9	3.2	303	9.0	11.2	80	0	8	70	44	12.9	12.2	10.6	5.78	0
25	1.2	0.7	1.8	367	9.0	11.2	80	3	7	67	47	12.9	12.2	10.5	7.33	0
26	2.2	2.0	2.4	283	7.2	11.2	64	0	0	65	28	12.2	9.3	15.3	7.62	0
27	3.2	2.6	4.1	348	7.5	11.1	68	0	4	52	42	11.9	12.8	13.7	6.72	0
28	1.6	1.0	2.4	369	9.6	11.1	86	0	5	56	40	10.9	11·0	9.7	5.71	0
29	0.9	0.2	1.9	376	9.9	11.1	89	1	7	60	34	10.2	8.8	10.0	5.26	0
30	1.5	0.4	3.0	367	9.6	11.0	87	0	6	67	40	12.6	11.0	12·5	6.97	0
31	1.7	1.7	1.7	367	10.2	11.0	93	0	7	68	27	11.2	9.3	9.8	6.31	0
Total	—	—	—	11947	295.0	355.0	2575	87	222	—	—	—	—	371.7	214.41	1.1
Mean	1.9	1.5	2.5	385	9.5	11.4	83	2.5	7.2	67	38	13.8	12.3	12.0	6.92	—

Maximum Amount of Rainfall in one day . . . . . 1.1 mms, on 6th
Lowest Value of Relative Humidity . . . . . 23 % on 13th
Highest Value of Vapour Pressure . . . . . 20.0 mms. on 2nd
Lowest Value of Vapour pressure . . . . . 8.8 mms. on 6,29th

TABLE C 4—NUMBER OF DAYS OF SURFACE WIND SPEED REACHING OR EXCEEDING SPECIFIED LIMITS OF VELOCITY

GIZA — OCTOBER 1962

10	knots	or	above	23	Days	30	knots	or	above	0	Days
15	,,	,,	,,	3	,,	35	,,	,,	,,	0	,,
20	,,	,,	,,	0	,,	40	,,	,,	,,	0	,,
25	,,	,,	,,	0	,,	The highest gust 25 knots on 26th					

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THE ARAB REPUBLIC OF EGYPT

MONTHLY WEATHER REPORT

VOLUME 5 NUMBER 11

NOVEMBER, 1962

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THE EGYPTIAN METEOROLOGICAL AUTHORITY
CAIRO

PUBLICATIONS OF THE METEOROLOGICAL AUTHORITY OF THE ARAB REPUBLIC OF EGYPT — CAIRO

In fulfilment of its duties, the Egyptian Meteorological Authority issues serveral reports and publications on weather, climate and agro-meteorology. The principal publications are described on this page.

Orders for publications should be addressed to :

"Chairman of the Board of Directors, Meteorological Authority, Kubri-el-Qubbeh — CAIRO".

THE DAILY WEATHER REPORT

This report is issued daily by the Meteorological Authority since the year 1901. It includes surface and upper air observations carried out by the relevant networks of the Republic at the principal hours of observations.

As from January 1968, this report was revised to include a condensed representative selection of surface and upper air observations besides the 1200 U.T. surface & 500 mb charts.

As from 1st January 1972, the Daily Weather Report will not be issued or distributed because it does not serve no longer any good purpose as it used to be in the past. The Meteorological Authority is ready to supply the recipients of the Report with any information used to be included in it, if they so desire.

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 Egypt.

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 Egypt 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 "The Meteorological Institute for Research and Training" and the Operational Divisions of the Meteorological Authority.

TECHNICAL NOTES

As from October 1970, the Meteorological Authority 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 ARAB REPUBLIC OF EGYPT

MONTHLY WEATHER REPORT

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THE EGYPTIAN METEOROLOGICAL AUTHORITY
CAIRO

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GENERAL SUMMARY OF WEATHER CONDITIONS

NOVEMBER 1962

Unusually warm in general. Deficient rain. Foggy in the early morning over Lower Egypt & Cairo areas

THE MAIN FEATURES

— Two prevailing warm spells, the first was of short duration and the second was of long duration.

— High relative humidity over the northern parts in general.

— Marked deficiency in rainfall in general.

— Three shallow local desert disturbances developing over Cyrenica. Abnormally high pressure during the 2nd & 4th weeks.

— Widespread early morning mist & fog over the northern parts increasing southwards particulrly over Cairo area.

GENERAL DESCRIPTION OF WEATHER

The prevailing weather was of unusual marked warmth and two warm spells separated by a cold spell prevailed round periods (1st-5th) & (10th—30th) respectively. Over the northern parts weather was markedly humid and relative humidity values ranged between 65% & 85%.

The month was almost rainless apart from light scattered showers, that fell over few scattered localities in the northern parts, and the monthly total was almost subnormal and showed marked deficiency in the Mediterranean & Lower Egypt districts.

The prevailing weather was frequently misty and foggy in the early morning most of the third week over the Mediterranean coastal strip, most of the second & third decades over Lower Egypt and most of the month over some localities in Cairo area district.

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 rainfal (mms)	
			Maximum (A)		Minimum (B)		(A+B)/2					
	Mean	Deviation from normal	Mean	Deviation from normal	Mean	Deviation normal	Mean	Deviation from normal	Mean	Deviation from normal	Mean	Deviation from normal
Mediterranean . . .	1017.3	+ 0.3	26.7	+ 2.5	17.1	+ 2.2	21.8	+ 2.4	73	— 2	0.5	—22.6
Lower Egypt . . .	1017.0	+ 0.2	28.5	+ 2.6	15.3	+ 2.2	21.9	+ 2.4	70	— 7	0.0	— 3.7
Cairo Area	1016.5	— 0.2	29·9	+ 3.5	15.5	+ 1.7	22.2	+ 2.6	55	—10	0.0	— 3.0
Upper Egypt . . .	1015.1	— 0.4	31.4	+ 3.2	14.4	+ 1.8	22.9	+ 2.6	48	— 8	0.0	— 0.5
Western Desert . .	1015.4	— 1.4	31.4	+ 4.8	13.2	+ 1.8	22.3	+ 3.2	37	—15	0.0	— 0.4
Red Sea	1014.8	+ 0.5	29.3	+ 2.9	18.2	+ 1.6	23.8	+ 2.2	52	— 6	0.0	— 2.6

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

During this month the prevailing pressure systems over the surface map were summarized in the following.

— Siberian anticyclonic ridge over the Black and Caspian Seas.

— The Azores anticyclonic ridge over West Europe and North Africa.

— The travelling deep Atlantic low pressure systems through West Europe.

— The Mediterranean secondary depressions.

— Shallow troughs of low pressure over Sudan and the African Great Sahara.

The prevailing upper pressure systems at the 700 & 500 mb charts were mainly the deep upper low over north Atlantic and the subtropical upper high pressure belt between latitudes 35°N & 15°N.

Two secondary depressions developed round the 1st & 15th over north Italy and surrounding vicinities. The first Mediterranean secondary depression was deep and stationary. It maintained its intensity up till the 8th when it started weakening gradually and by the 13th it filled up totally. The second Mediterranean secondary depression developed on the 15th and was relatively shallow as compared with the 1st secondary depression, though it remained also stationary. It started to weaken gradually on the 21st and filled up by the 24th. Both of these two Mediterranean secondary depressions were blocked by the Siberian anticyclonic ridge over the Black & Caspian Seas which extended southwestward, and operated over East Mediterranean the whole month. Far in their advance on the 1st, 17th & 21st respectively pressure gradient over East Mediterranean was loose and shallow desert disturbances developed over Cyrenica & Western Desert but soon amalgamated with the shallow Sudan trough. The Azores anticyclonic ridge rapidly established over Western Europe, West Mediterranean & North Africa after the filling up of Central Mediterranean secondary depressions.

It is worth to mention that the barometric pressure over Egypt in particular and East Mediterranean in general continued above its normal most of the 2nd & 4th weeks.

SURFACE WIND

The prevailing winds were light / moderate Nly in general. Fresh / strong winds blew for short (day time) periods in few days over the Mediterranean (Western-parts) & Red Sea.

Calms were frequent during night and early morning intervals over scattered localities particularly of Western Desert & Upper Egypt.

TEMPERATURE

Maximum temperature continued above its normal in general most days of the month apart from the period (5th - 10th) during which it was rather normal. Its values ranged between (24°C & 33°C) over the northern parts, between (27°C & 39°C) elsewhere. Variability in maximum temperature during the cold spell was pronounced and ranged between 7°C & 11°C.

The absolute maximum temperature for the Republic was 39.4°C reported at Beni Suef on the 1st and Kharga on the 2nd.

Minimum temperature was slightly subnormal or rather normal round the periods (5th—10th) & (24th—30th) and abnormally high otherwise. Its values ranged between (10°C & 25°C) over the northern and middle parts and between (7°C & 22°C) over the southern parts.

The absolute minimum temperature for the Republic was 5.9°C reported at Farafra on the 29th.

PRECIPITATION

This month was almost rainless neglecting the light scattered showers that fell over very few localities in the northern parts. The monthly rainfall was almost subnormal and showed marked deficiency in the Mediterranean & Lower Egypt districts.

The absolute monthly rainfall for the Republic was 5.0 mms reported at Fuka and the absolute daily rainfall was 2.5 mms reported at Fuka on the 12th.

MISCELLANEOUS WEATHER PHENOMENA

Rain fell at : Sallum on the 18th & 22nd ; Mersa Matruh on the 18th ; Balteam, Damietta & El Arish on the 7th and at Ghazza on the 8th.

Mist patches developed at : Mersa Matruh on the 15th & 16th ; Ras El Hikma on the 16th ; Dabaa on the 16th, 17th, 20th & 21st ; Dekheila on the 19th, 27th & 30th ; Ras El Teen on the 20th ; Alexandria on the 22nd & 24th ; Damietta on the 14th ; Port Said on the (17th—19th) & 22nd ; El Arish on the 1st, (16th—18th), 21st, 27th & 28th ; Ghazza on the 13th & 17th ; Mansoura on the 13th, 15th, 17th, 22nd, 23rd, 26th, 29th & 30th ; Tahrir on the 10th, 12th, 13th, 15th, 19th, 20th, (24th—26th) & 29th ; Shebin El Kom on the 13th, 19th, 21st, 22nd & 30th ; Abu Sueir on the 1st, 3rd, 8th, 10th, 18th, 23rd, 26th, 28th & 29th ; Banha on the 17th, 20th, 24th & (26th—28th) ; Zaher on the 4th, 8th, 19th, 22nd, 26th, 28th & 30th ; Inshas on the 4th, 12th, 13th, 16th, 22nd & 25th ; Fayed on the 4th & 14th ; Kabrit on the 14th, 15th, 20th & 25th ; Cairo on the 8th, 11th, 13th, 16th, 19th, 25th & 26th ; Mostafa Helmi on the 4th, 5th, (7th—11th), 17th, 18th, (22nd—26th) & (28th—30th) ; Almaza on the (8th—11th), 13th & (26th—28th) ; Abbasiya on the 4th, 14th, 18th & 19th ; Imbaba on the 13th, 18th, 19th, 20th, 22nd, 28th & 30th ; Giza on the 15th, 22nd & 23rd ; Fayoum on the 14th ; Minya on the 21st & 27th and at Bahariya on the 16th.

Fog patches developed at : Sallum on the 25th ; Sidi Barrani on the 14th & 15th ; Mersa Matruh & Ras El Hikma on the 20th ; Dekheila on the (15th—18th), 20th & 21st ; Ras El Teen on the 14th, 17th, 18th & 21st ; Alexandria on the 7th, (14th-21st), 26th & 30th ; Balteam on the 17th ; Damietta on the 18th ; Port Said on the 20th & 21st ; El Arish on the 14th, 15th & 19th ; Ghazza on the (14th—16th) ; Mansoura on the 14th, 16th & (18th—21st) ; Tahrir on the 14th, (16th—18th), 21st & 22nd ; Shebin El Kom on the 15th & 16th ; Abu Sueir on the 4th, (12th—17th), (19th-21st), 24th, 25th, 27th & 30th ; Banha on the 12th, 13th, 15th, 16th, 19th, 21st, 22nd & 29th ; Zaher on the (13th—16th), 20th, 24th, 25th & 27th ; Wadi El Natrun on the 15th, 17th, 22nd & 26th ; Inshas on the 15th, 19th, 20th, 24th, 26th & 27th ; Fayed on the 15th ; Kabrit on the 24th ; Cairo on the 4th, 14th, 15th, 20th, 22nd, 24th & 30th ; Mostafa Helmi on the (12th—16th), 19th, 20th & 27th ; Almaza on the 4th, 14th, 15th, 20th, 22nd, 24th & 30th ; Abbasiya on the 15th, (20th—22nd), 24th, 26th, 27th & 30th ; Imbaba on the 15th, 21st, (23rd—27th) & 29th ; Giza on the 21st, (25th—27th) & 29th and at Minya on the 16th.

Local rising sand or dust was reported at : Sallum on the 21st; Dabaa on the 9th ; Port Said on the 24th ; Cairo on the 17th and at Quseir on the 25th.

Cairo, April 1972

Chairman (M. F. TAHA)
Board of Directors

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

NOVEMBER — 1962

District	Station	Altitude of Hp (metres)	Mean 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 norma
Mediterranean	Sallum	6.0	1016.7	0.0	1017.3	+ 0.1	1016.3	0.0	1016.9	— 0.3	5.2	1017.2	0.0	1017.8	+ 0.1	1016.8	0.0	1017.4	— 0.3
	Sidi Barrani	23.3	1014.2	— 0.1	1014.6	— 0.1	1013.4	— 0.4	1014.4	— 0.1	23.3	1016.8	— 0.1	1017.2	— 0.1	1016.0	— 0.4	1017.0	— 0.1
	Mersa Matruh (A)	30.0	1014.1	+ 0.5	1014.6	+ 0.5	1013.6	+ 0.5	1014.6	+ 0.6	30.0	1017.8	+ 0.5	1018.3	+ 0.5	1017.3	+ 0.5	1018.2	+ 0.6
	Ras El Hikma	45.8	1012.1	—	1012.6	—	1011.3	—	1012.5	—	45.8	1017.6	—	1018.1	—	1016.7	—	1017.9	—
	Dabaa	18.0	1014.3	—	1014.8	—	1014.0	—	1014.7	—	17.8	1016.3	—	1016.8	—	1016.0	—	1016.7	—
	Dekheila (A)	6.0	1016.9	—	1017.5	—	1016.2	—	1017.0	—	5.9	1017.6	—	1018.2	—	1016.9	—	1017 7	—
	Ras El Teen	8.4	1016.7	—	1017.2	—	1016.1	—	1016.9	—	8.4	1017.7	—	1018.2	—	1017.1	—	1017.9	—
	Alexandria (A)	7.0	1016.5	+ 0.5	1017.2	+ 0.6	1015.9	+ 0.4	1016.9	+ 0.5	6.8	1017.3	+ 0.5	1018.0	+ 0.6	1016.7	+ 0.4	1017.7	+ 0.5
	Balteam	2.0	1017.2	—	1017.7	—	1016.7	—	1017.3	—	2.0	1017.4	—	1017.9	—	1016.9	—	1017.5	—
	Damietta	5.0	1016.8	—	1017.6	+ 1.7	1016.3	+ 0.9	1017.1	+ 0.7	5.0	1017.2	—	1018.0	+ 1.7	1016.7	+ 0.9	1017.5	+ 0.7
	Port Said (A)	6.1	1016.0	+ 0.6	1016.7	+ 0.7	1015.6	+ 0.7	1016.3	+ 0.5	6.1	1016.7	+ 0.6	1017.4	+ 0.7	1016.3	+ 0.7	1017.0	+ 0.5
	El Arish	17.1	1015.2	+ 0.6	1016.1	+ 0.9	1014.4	+ 0.4	1015.3	+ 0.6	17.1	1017.1	+ 0.6	1018.0	+ 0.9	1016.3	+ 0.4	1017.2	+ 0.6
	Ghazza	15.7	1015.1	—	1015.9	—	1014.4	—	1015.1	—	15.7	1016.9	—	1017.7	—	1016.2	—	1016.9	—
Lower Egypt	Mansoura	4.0	1016.7	—	1017.7	+ 1.0	1016.2	+ 0.8	1017.0	+ 0.6	3.6	1017.1	—	1018.1	+ 1.0	1016.6	+ 0.8	1017.4	+ 0.6
	Damanhour	6.7	1016.6	—	1017.1	0.0	1015.9	+ 0.0	1016.5	— 0.2	6.7	1017.2	—	1017.8	0.0	1016.5	— 0.1	1017.2	— 0.2
	Gimmeiza	8.9	—	—	1016.5	+ 0.1	1015.3	+ 0.2	1015.6	— 0.2	8.9	—	—	1017.5	+ 0.1	1016.3	+ 0.2	1016.6	— 0.2
	Tanta	14.8	1015.1	—	1015.7	— 0.3	1014.1	— 0.2	1015.4	0.0	15.4	1016.3	—	1016.9	— 0.3	1015.3	— 0.2	1016.6	0.0
	Tahrir	17.8	1014.7	—	1015.3	— 0.9	1013.7	— 0.9	1014.9	— 0.7	16.0	1016.9	—	1017.5	— 0.9	1015.8	— 0.9	1017.1	— 0.7
	Shebin El Kom	13.8	1015.4	—	1016.2	0.0	1014.4	— 0.2	1015.4	— 0.2	13.8	1016.9	—	1017.7	— 0.1	1015.9	— 0.3	1016.9	— 0.3
	Zagazig	13.0	1015.6	—	1016.9	+ 1.0	1015.3	+ 1.1	1016.7	+ 1.5	13.0	1017.2	—	1018.5	+ 1.0	1016.9	+ 1.1	1018.3	+ 1.5
	Abu Sueir (A)	16.0	1015.2	—	1016.1	—	1014.0	—	1015.5	—	16.0	1017.1	—	1018.1	—	1015.8	—	1017.4	—
	Banha	14.9	1015.3	—	0015.8	—	1013.9	—	1015.0	—	14.9	1017.1	—	1017.6	—	1015.6	—	1016.8	—
	Zaher (A)	30.0	1012.5	—	1013.2	—	1011.4	—	1012.4	—	30.0	1016.1	—	1016.8	—	1014.9	—	1016.0	—
	Wadi El Natrun	0.9	1017.6	—	1018.2	+ 0.3	1016.5	+ 0.3	1017.8	+ 0.7	0.9	1017.7	—	1018.3	+ 0.3	1016.6	+ 0.3	1017.9	+ 0.7
	Inshas (A)	25.5	1012.3	—	1012.9	—	1011.3	—	1012.4	—	25.6	1015.4	—	1016.0	—	1014.3	—	1015.4	—
	Fayed (A)	22.5	1014.8	—	1015.7	—	1013.6	—	1015.2	—	22.5	1017.4	—	1018 2	—	1016.0	—	1017.7	—
	Kabrit (A)	7.6	1015.6	—	1016.5	—	1014.3	—	1015.4	—	7.6	1017.0	—	1017.8	—	1015.6	—	1016.7	—

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

NOVEMBER — 1962

District	Station	Altitude of Hp (metres)	Main 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	1008.8	— 0.2	1009.7	— 0.3	1007.8	— 0.6	1009.1	— 0.4	64·7	1016.6	— 0.2	1017.5	— 0.2	1015.3	— 0.7	1016.8	— 0.4
	Mostafa Helmi (A)	164.0	997.7	—	998.2	—	997.1	—	997.9	—	164.0	1017.0	—	1017.5	—	1015.8	—	1016.9	—
	Almaza (A)	78.5	1007.0	— 0.3	1007.8	— 0.2	1006.0	— 0.2	1007.2	— 0.2	78.6	1016.3	— 0.4	1017.1	— 0.2	1015.0	— 0.2	1016.4	— 0.3
	Abbasiya (H.Q.)	26.4	1014.1	—	1014.9	—	1013.0	—	1014.1	—	30.1	1017.5	—	1018.3	—	1016.3	—	1017.5	—
	Imbaba (A)	19.0	1014.4	—	1015.2	—	1013.2	—	1014.4	—	19.0	1016.2	—	1017.3	—	1015.3	—	1016.5	—
	Giza	22.5	1014.0	—	1014.6	— 0.8	1013.0	— 0.5	1013.9	— 0.8	21.3	1016.8	—	1017.4	— 0.8	1015.7	— 0.5	1016.7	— 0.8
	Helwan	140.7	999.8	—	1000.6	+ 0.5	999.0	+ 0.8	1000.0	+ 0.6	140.7	1016.6	—	1017.4	+ 0.7	1015.4	+ 0.6	1016.7	+ 0.4
Upper Egypt	Fayoum	23.3	1013.4	—	1014.5	+ 0.6	1012.4	+ 0.8	1013.4	+ 0.7	23.3	1016.4	—	1017.4	+ 0.5	1015.2	+ 0.7	1016.3	+ 0.6
	Beni Suef	30.4	1012.4	—	1013.7	— 0.6	1011.4	— 0.6	1012.3	— 0.8	30.0	1015.7	—	1017.2	— 0.6	1014.7	— 0.7	1015.7	— 0.8
	Minya (A)	40.5	1010.5	— 1.3	1011.6	— 1.1	1009.8	— 1.1	1010.6	— 1.0	44.2	1015.4	— 1.3	1016.4	— 1.2	1014.5	— 1.2	1015.4	— 1.1
	Asyout Mangabad (A)	69·6	1007.3	— 0.6	1008.6	— 0.7	1006.3	— 0.7	1007.3	— 0.6	69.5	1015.6	— 0.6	1016.9	— 0.6	1014.3	— 0.5	1015.5	— 0.5
	Nag Hammadi	70.6	1006.6	—	1008.0	0.0	1005.2	— 0.3	1006.4	+ 0.1	70.5	1014.6	—	1016.3	— 0.1	1013.2	— 0.4	1014.6	0.0
	Kena	74.5	1006.0	—	1007.7	+ 0.3	1005.1	+ 0.7	1005.8	+ 0.3	79.4	1014.6	—	1016.3	+ 0.3	1013.5	+ 0.7	1014.3	+ 0.2
	Luxor (A)	88.5	1004.0	— 0.7	1005.5	— 0.7	1002.8	— 0.9	1003.7	— 1.0	88.4	1014.3	— 0.8	1015.7	— 0.8	1012.7	— 1.0	1013.8	— 1.1
	Kom Ombo	102.6	1001.5	—	1003.1	—	1000.4	—	1001.4	—	102.6	1013.5	—	1015.1	—	1011.5	—	1013.2	—
	Aswan (A)	193.5	990.4	—	992.0	— 0.6	989.2	— 0.7	990.3	— 0.4	193.5	1013.8	—	1015.4	— 0.6	1011.6	— 0.7	1013.2	— 0.4
Western Desert	Siwa	—13.5	1018.4	— 0.8	1019.0	— 1.5	1017.4	— 1.8	1018.1	— 1.3	—13.3	1016.7	— 0.8	1017.3	— 1.5	1015.8	— 1.7	1016.4	— 1.3
	Bahariya	129.5	1001.1	+ 0.1	1001.9	— 0.8	1000.2	— 0.6	1001.1	— 0.4	129.6	1016.6	+ 0.1	1017.4	— 0.8	1015.0	— 0.6	1016.4	— 0.4
	Faratra	91.8	1005.8	— 1.7	1007.1	— 1.3	1005.3	— 1.4	1005.6	— 1.1	92.1	1016.9	— 1.7	1018.3	— 1.3	1015.9	— 1.4	1016.6	— 1.1
	Dakhla	111.5	1000.0	—	1000.9	— 2.7	998.8	— 2.6	999.6	— 3.0	111.5	1013.2	—	1014.0	— 2.8	1011.3	— 2.9	1012.6	— 3.0
	Kharga	72.8	1006.4	—	1007.6	— 0.6	1005.2	— 0.8	1006.3	— 0.4	73.0	1014.7	—	1015.9	— 0.7	1013.1	— 1.1	1014.6	— 0.5
Red Sea	Suez	11.0	1015.4	—	1016.1	+ 0.6	1014.4	— 0.4	1015.4	+ 1.0	12.2	1016.6	—	1017.3	+ 0.6	1015.6	— 0.4	1016.5	+ 0.9
	Abu Redes	4.0	1014.5	—	1015.8	—	1014.0	—	1014.9	—	4.0	1014.9	—	1016.2	—	1014.4	—	1015.3	—
	Tor	4.2	1014.3	—	1015.6	+ 0.6	1013.7	+ 0.4	1014.5	+ 0.6	4.2	1014·7	—	1016.0	+ 0.6	1014.1	+ 0.3	1014.9	+ 0.6
	Hurghada	2.8	1014.6	+ 0.3	1016.0	+ 0.9	1013.9	+ 0.9	1014.8	+ 0.8	2.8	1014.8	+ 0.3	1016.2	+ 0.9	1014.1	+ 0.9	1015.0	+ 0.8
	Quseir	11.3	1013.2	—	1014.2	+ 0.4	1012.8	+ 0.2	1013.6	+ 0.6	11.3	1014.2	—	1015.2	+ 0.4	1013.8	+ 0.2	1014.6	+ 0.6
	Abul Kizan	5.0	—	—	1014.4	—	1013.0	—	1013.6	—	5.0	—	—	1015.0	—	1013.6	—	1014.3	—

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

NOVEMBER 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	20.2	—	19.5	+ 1.7	24.9	+ 1.7	22.0	+ 2.5	17.2	—	17.1	— 2.8	19.3	+ 2.6	18.9	+ 3.4	73	—	78	+12	57	+ 9	73	+10
	Sidi Barrani	17.0	1.0	17.4	+ 1.2	24.2	+ 1.8	20.5	+ 1.6	15.7	+ 2.7	15.6	+ 2.3	19.3	+ 2.9	18.0	+ 2.8	81	+13	82	+12	61	+10	77	+12
	Mersa Matruh (A)	17.3	+2.1	18.2	+ 1.1	24.6	+ 2.3	19.7	+ 1.6	15.7	+ 2.9	16.1	+ 1.9	19.3	+ 2.4	17.2	+ 2.1	84	+10	79	+ 8	58	+ 3	78	+ 7
	Ras El Hikma	19.8	—	20.7	—	23.6	—	20.8	—	17.9	—	18.2	—	19.7	—	18.6	—	82	—	78	—	68	—	80	—
	Dabaa	18.1	—	18.8	—	24.5	—	20.4	—	16.5	—	16.7	—	19.6	—	18.1	—	84	—	80	—	61	—	79	—
	Dekheila (A)	19.2	—	20.3	—	25.5	—	22.0	—	17.4	—	18.0	—	20.3	—	19.1	—	83	—	79	—	60	—	75	—
	Ras El Teen	21.5	—	21.9	—	24.2	—	22.6	—	19.2	—	19.3	—	20.2	—	19.8	—	80	—	77	—	68	—	76	—
	Alexandria (A)	18.4	+1.8	20.0	+ 2.4	26.9	+ 3.7	20.5	+ 2.2	17.3	+ 2.3	18.9	+ 2.9	20.6	+ 3.1	18.6	+ 2.8	89	+ 6	82	+ 6	54	0	83	+ 7
	Balteam	21.3	—	22.8	—	26.2	—	22.3	—	18.6	—	19.5	—	20.8	—	19.1	—	76	—	72	—	59	—	72	—
	Damietta	19.7	—	21.4	+ 2.4	26.6	+ 4.1	21.2	+ 3.0	18.4	—	19.5	+ 2.8	21.1	+ 3.3	19.2	+ 2.4	88	—	83	+ 5	59	— 2	82	+ 5
	Port Said (A)	22.3	+2.5	22.8	+ 2.6	25.0	+ 2.2	23.1	+ 2.5	19.8	+ 2.7	19.7	+ 2.4	20.7	+ 2.3	20.0	+ 2.4	78	0	74	0	66	+ 4	74	+ 1
	El Arish	17.1	+1.5	19.2	+ 0.6	26.5	+ 3.1	21.0	+ 1.0	14.8	+ 1.1	15.7	— 0.1	19.7	— 1.0	18.3	+ 1.1	77	— 3	67	— 6	50	—12	76	+ 2
	Ghazza	18.3	—	20.4	—	25.4	—	21.9	—	13.7	—	14.7	—	19.8	—	16.9	—	57	—	51	—	57	—	58	—
Lower Egypt	El Sirw	19.5	—	21.9	+ 1.9	25.5	+ 2.2	21.2	+ 2.4	—	—	19.7	+ 0.9	20.8	+ 1.5	19.4	+ 2.9	—	—	80	+ 1	64	— 3	84	+ 6
	Sakha	18.3	—	21.1	+ 3.5	29.0	+ 4.2	20.8	+ 4.0	—	—	18.8	+ 2.7	21.1	+ 1.9	18.8	+ 3.4	—	—	79	— 6	46	—10	82	— 4
	Mansoura	16.6	—	19.3	+ 1.3	26.9	+ 1.9	19.6	+ 0.9	15.7	—	18.0	+ 2.1	19.8	+ 1.4	17.6	+ 0.6	91	—	88	+ 9	48	— 2	81	+ 5
	Damanhour	18.7	—	19.4	+ 2.3	27.1	+ 2.8	19.8	+ 1.7	—	—	18.0	+ 2.6	20.0	+ 1.7	18.3	+ 2.5	—	—	87	+ 4	49	— 4	86	+ 9
	Gimmeiza	—	—	21.5	+ 3.8	28.1	+ 3.2	20.1	+ 3.1	—	—	19.8	+ 3.8	22.0	+ 2.7	18.8	+ 3.1	—	—	85	0	57	0	88	+ 1
	Tanta	16.2	—	18.3	+ 0.8	27.6	+ 2.9	19.5	+ 1.8	15.3	—	16.8	+ 0.9	20.6	+ 2.3	17.5	+ 1.7	90	—	85	+ 1	50	— 1	81	0
	Tahrir	16.5	—	18.1	—	27.6	—	19.9	—	15.6	—	16.7	—	18.9	—	17.5	—	91	—	86	—	39	—	78	—
	Shebin El Kom	16.6	—	17.6	+ 1.2	29.5	+ 4.4	20.2	+ 2.1	15.2	—	16.0	+ 1.2	21.8	+ 3.9	17.8	+ 2.6	85	—	84	+ 5	48	+ 2	78	+ 6
	Zagazig	18.7	—	17.8	— 0.1	27.8	+ 2.8	21.3	+ 3.0	—	—	16.3	+ 0.3	19.8	+ 1.0	18.5	+ 2.3	—	—	85	+ 4	43	—10	75	— 5
	Abu Sueir (A)	16.3	—	17.5	—	28.7	—	20.6	—	15.0	—	15.6	—	18.2	—	17.4	—	86	—	81	—	31	—	71	—
	Banha	17.5	—	17.3	—	26.3	—	20.6	—	16.0	—	15.6	—	19.6	—	17.6	—	85	—	83	—	51	—	73	—
	Zaher (A)	16.9	—	18.0	—	28.3	—	21.3	—	15.1	—	15.8	—	19.1	—	17.9	—	82	—	78	—	38	—	70	—
	Wadi El Natrun	17.8	—	18.3	+ 1.5	28.9	+ 3.9	21.6	+ 2.8	16.0	—	16.0	+ 1.6	18.5	+ 1.4	17.5	+ 1.7	82	—	70	— 6	32	— 9	65	+ 2
	Inshas (A)	16.5	—	17.7	—	27.4	—	20.5	—	15.0	—	15.5	—	19.4	—	17.3	—	84	—	78	—	43	—	71	—
	Fayed (A)	16.8	—	19.6	—	29.1	—	21.3	—	14.0	—	15.8	—	18.2	—	16.7	—	72	—	65	—	30	—	61	—
	Kabrit (A)	18.0	—	18.8	—	28.1	—	21.6	—	15.4	—	16.1	—	19.6	—	17.3	—	75	—	74	—	42	—	63	—
Cairo Area	Cairo (A)	17.7	1.6	18.4	+ 1.2	27.9	+ 3.9	22.0	+ 2.1	15.0	+ 1.2	15.4	+ 1.0	18.1	+ 1.5	17.0	+ 1.9	73	— 3	71	— 1	34	— 9	58	— 5
	Mostafa Helmi (A)	17.4	—	18.7	—	26.8	—	20.7	—	15.7	—	16.0	—	18.1	—	16.8	—	83	—	80	—	39	—	66	—
	Almaza (A)	17.7	+1.2	18.4	+ 0.6	28.4	+ 3.6	21.7	+ 1.8	14.5	+ 0.3	15.0	— 0.1	18.5	+ 1.3	16.5	+ 1.7	63	— 8	67	— 6	34	— 7	56	— 6
	Abbasiya (H.Q.)	18.0	—	19.3	—	29.7	—	22.1	—	15.5	—	16.3	—	20.4	—	17.5	—	75	—	72	—	39	—	61	—
	Imbaba (A)	16.2	—	17.5	—	27.6	—	20.1	—	14.8	—	15.8	—	19.6	—	17.0	—	85	—	83	—	43	—	72	—
	Giza	16.9	—	17.6	+ 1.2	27.3	+ 2.0	21.4	+ 2.8	15.7	—	16.0	+ 1.0	18.8	+ 1.0	17.3	+ 1.5	88	—	84	— 1	40	— 5	65	— 8
	Helwan	19.6	—	20.5	+ 3.0	28.4	+ 3.7	22.6	+ 2.4	14.3	—	15.5	+ 1.0	17.2	+ 0.8	15.8	+ 0.7	52	—	55	—15	27	—11	45	—10

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

NOVEMBER 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	18.1	—	18.8	+ 1.3	29.5	+ 3.7	21.7	+ 2.7	15.4	—	16.1	+ 1.4	19.4	+ 2.2	17.0	+ 1.8	74	—	74	+ 1	34	— 5	60	— 4
	Beni Suef	16.0	—	15.9	— 1.0	29.1	+ 2.7	20.1	+ 1.7	13.7	—	13.3	— 0.3	19.2	+ 1.6	16.2	+ 1.5	76	—	73	+ 6	35	— 3	65	+ 1
	Seds	15.4	—	17.2	+ 0.6	28.5	+ 3.0	19.2	+ 1.8	—	—	14.6	+ 0.1	20.2	+ 2.0	16.6	+ 1.8	—	—	74	— 4	44	— 2	75	+ 1
	Minya (A)	15.1	+ 1.5	17.0	+ 1.2	29.4	+ 3.4	19.5	+ 2.2	13.5	+ 2.1	15.1	+ 1.9	19.1	+ 2.1	15.8	+ 2.4	83	+ 8	81	+ 8	33	— 3	65	+ 3
	Mallawi	14.4	—	15.5	—	28.4	—	17.5	—	—	—	14.5	—	20.8	—	15.8	—	—	—	89	—	48	—	83	—
	AsyoutMangabad. (A)	17.9	+ 2.2	18.1	+ 2.8	30.0	+ 4.1	22.6	+ 3.0	13.1	+ 1.6	13.0	+ 0.8	18.3	+ 2.5	15.4	+ 1.8	55	— 2	52	— 7	27	— 3	43	— 4
	Shandaweel	17.9	—	18.2	— 0.3	29.7	+ 2.5	20.6	+ 2.4	—	—	15.5	+ 0.2	20.5	+ 0.7	17.6	+ 2.0	—	—	74	+ 4	39	— 7	73	— 2
	Nag Hammadi	16.6	—	20.0	+ 1.3	30.8	+ 3.2	22.1	+ 2.7	—	—	16.5	+ 1.5	22.0	+ 2.7	17.1	+ 1.3	—	—	68	+ 3	43	+ 1	53	— 9
	Kena	19.3	—	20.0	+ 1.5	30.9	+ 2.7	23.1	+ 2.4	—	—	14.4	+ 0.1	20.6	+ 1.5	17.2	+ 1.5	—	—	51	—11	36	— 3	53	— 3
	Luxor (A)	17.1	+ 1.1	20.9	+ 1.0	32.2	+ 3 2	23.0	+ 2.4	12.9	+ 1.3	15.2	+ 1.3	20.1	+ 2.2	15.7	+ 1.0	59	+ 2	51	— 4	28	— 7	42	—10
	Kom Ombo	19.1	—	22.0	—	33.8	—	25.0	—	13.5	—	15.7	—	19.6	—	15.6	—	50	—	48	—	21	—	32	—
	Aswan (A)	21.3	—	21.3	+ 0.8	33.2	+ 3.1	26.7	+ 1.7	13.4	—	13.5	— 1.1	17.6	— 0.7	14.7	— 1.3	35	—	36	—13	14	—13	20	—14
Desert	Siwa	16.7	+ 3.0	16.9	+ 3.4	28.5	+ 3.7	21.4	+ 3.3	12.9	+ 2.7	13.7	+ 3.1	18.1	+ 2.4	14.8	+ 2.3	62	+ 1	68	+ 1	31	— 2	45	— 3
	Bahariya	17.0	—	17.2	+ 0.3	30.0	+ 4.8	21.8	+ 2.9	12.4	—	13.0	— 0.8	18.0	+ 0.6	14.0	— 0.1	55	—	59	—10	25	—17	37	—19
	Farafra	16.3	—	15.0	+ 0.1	29.1	+ 3.5	21.7	+ 3.4	10.4	—	10.3	— 1.0	16.9	+ 0.1	13.1	+ 0.1	43	—	52	—10	23	—14	31	. 20
	Dakhla	16.2	—	16.9	+ 1.1	32.3	+ 6.6	22.5	+ 2.3	9.5	—	10.5	+ 1.3	17.6	+ 0.9	13.4	— 0.3	35	—	39	—20	16	—20	29	—15
	Kharga	18.9	—	20.9	+ 2 4	33.6	+ 5.7	22.7	+ 1.2	12.3	—	14.3	+ 0.3	19.5	+ 1.1	14.2	— 0.7	41	—	44	—14	21	—15	34	—11
Red Sea	Suez	19.4	—	19.4	+ 0.8	28.9	+ 3.6	22.6	+ 2.1	—	—	16.9	+ 1.1	20.5	+ 2.4	18.4	+ 1.9	—	—	76	+ 3	44	— 3	65	+ 1
	Abu Redes	20.1	—	23.2	—	27.9	—	23.2	—	14.3	—	15.7	—	21.5	—	17.4	—	49	—	41	—	55	—	53	—
	Tor	18.4	—	20.3	+ 0.6	27.7	+ 2.3	22.6	+ 0.9	13.2	—	13.9	— 1.3	21.6	+ 1.3	17.4	+ 0.2	52	—	45	—14	56	— 5	57	— 5
	Hurghada	18.8	+ 2.0	23.4	+ 2.6	28.5	+ 3.8	21.5	+ 0.1	13.7	+ 1.4	15.9	+ 0.7	20.2	+ 0.7	16.6	— 0.1	53	— 3	41	—11	44	—15	58	— 2
	Quseir	22.8	—	25.6	+ 2.0	29.3	+ 3.2	25.1	+ 1.6	16.9	—	18.3	+ 0.9	22.1	+ 1.3	19.7	+ 0.7	52	—	46	— 5	51	— 9	58	— 5
	Abul Kizan	27.3	—	28.2	+ 1.1	29.0	+ 1.1	26.9	+ 1.0	—	—	23.9	+ 0.5	24.1	+ 0.5	23.6	+ 1.0	—	—	68	— 4	64	— 3	75	— 1

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

NOVEMBER 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	1016.8	— 0.1	1017.3	+ 0.1	25.8	+ 1.0	18.3	+ 4.4	22.0	a	21.8	+ 3.2	a	18.3	+ 3.4	a	70	+ 6
	Sidi Barrani	a	1014.2	— 0.4	1016.8	— 0.4	25.1	+ 1.7	15.5	+ 1.8	20.3	a	20.2	+ 1.8	a	17.3	+ 2.2	a	74	+ 6
	Mersa Matruh (A)	a	1014.3	+ 0.6	1018.0	+ 0.6	25.6	+ 2.0	15.0	+ 1.2	20.3	a	20.2	+ 1.9	a	17.3	+ 2.4	a	74	+ 7
	Ras El Hikma	a	1012.1	—	1017.5	—	23.9	—	18.6	—	21.2	a	21.3	—	a	18.6	—	a	76	—
	Dabaa	a	1014.4	—	1016.4	—	25.2	—	16.1	—	20.6	a	20.6	—	a	17.8	—	a	74	—
	Dekheila (A)	a	1016.9	—	1017.6	—	26.1	—	17.3	—	21.7	a	21.7	—	a	18.7	—	a	74	—
	Ras El Teen	a	1016.7	—	1017.7	—	25.0	—	20.6	—	22.8	a	22.5	—	a	19.6	—	a	75	—
	Alexandria (A)	a	1016.6	+ 0.2	1017·4	+ 0.2	27.9	+ 3.7	16.5	+ 1.8	22.2	a	21.6	+ 2.2	a	18.9	+ 2.7	a	76	+ 6
	Balteam	a	1017.2	—	1017.4	—	27.4	—	18.5	—	23.0	a	23.1	—	a	19.4	—	a	69	—
	Damietta	a	1016.9	+ 0.8	1017.3	+ 0.8	27.6	+ 3.3	18.3	+ 2.9	23.0	a	22.1	+ 3.1	a	19.4	+ 2.7	a	76	— 2
	Port Said (A)	a	1016.2	+ 0.6	1016.9	+ 0.6	26.2	+ 2.4	21.0	+ 2.7	23.6	a	23.3	+ 2.4	a	20.0	+ 2.3	a	73	+ 1
	El Arish	a	1015.2	+ 0.5	1017.1	+ 0.5	28.5	+ 3.3	14.9	+ 0.7	21.7	a	21.0	+ 1.1	a	17.2	+ 0.4	a	67	— 7
	Ghazza	a	1015.1	—	1016.9	—	27.0	—	16.2	—	21.6	a	21.5	—	a	16.4	—	a	56	—
Lower Egypt	El Sirw	—	—	—	—	—	26.6	— 2.4	16.8	+ 2.5	21.7	c	22.0	+ 3.0	c	20.0	+ 3.5	e	82	+ 6
	Sakha	—	—	—	—	—	28.5	+ 2.7	16.0	+ 3.3	22.2	c	22.3	+ 4.3	c	20.0	+ 3.4	e	80	— 6
	Mansoura	a	1016.9	+ 0.7	1017.3	+ 0.7	27.8	+ 1.8	14.5	+ 0.3	21.2	a	20.6	+ 1.6	a	17.7	+ 1.0	a	74	— 4
	Damanhour	c	1016.5	0.0	1017.2	0.0	28.4	+ 2.8	15.7	+ 1.7	22.0	c	21.2	+ 2.8	c	19.6	+ 3.2	e	86	+ 6
	Gimmeiza	—	—	—	—	—	28.7	+ 2.7	14.7	+ 2.4	21.7	—	—	—	—	—	—	—	86	0
	Tanta	a	1015.1	— 0.2	1016.3	— 0.2	28.1	+ 2.3	14.9	+ 2.7	21.5	a	20.5	+ 2.5	a	17.6	+ 1.4	a	74	— 8
	Tahrir	a	1014.6	—	1016.8	—	28.6	—	14.8	—	21.7	a	20.7	—	a	17.3	—	a	70	—
	Shebin El Kom	a	1015.3	— 0.1	1016.8	— 0.1	30.1	+ 3.7	15.0	+ 1.9	22.6	a	21.2	+ 3.0	a	17.9	+ 2·3	a	71	— 4
	Zagazig	c	1016.1	+ 1.0	1017.7	— 1.0	28.4	+ 2.1	15.6	+ 2.7	22.0	c	21.4	+ 2.9	c	19.2	+ 2.8	e	80	0
	Abu Sueir (A)	a	1015 2	—	1017.1	—	29.7	—	14.3	—	22.0	a	21.0	—	a	16.6	—	a	62	—
	Banha	a	1015.0	—	1016.8	—	27.0	—	15.8	—	21.4	a	20.7	—	a	17.4	—	a	71	—
	Zaher (A)	a	1012.4	—	1015.9	—	28.9	—	14.8	—	21.8	a	21.2	—	a	17.0	—	a	64	—
	Wadi El Natrun	a	1017.5	+ 0.4	1017.6	+ 0.4	29.6	+ 3.2	14.9	+ 1.9	22.2	a	21.9	+ 3.3	a	17.1	+ 1.7	a	62	— 8
	Inshas (A)	a	1012.2	—	1015.3	—	27.9	—	14.6	—	21.2	a	20.5	—	a	18.1	—	a	78	—
	Fayed (A)	a	1014.7	—	1017.2	—	29.1	—	14.6	—	22.2	a	21.7	—	a	16.2	—	a	54	—
	Kabrit (A)	a	1015.4	—	1016.8	—	28.9	—	15.9	—	22.4	a	21.8	—	a	17.2	—	a	61	—

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

NOVEMBER 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	1008.9	— 0.1	1016.5	— 0.2	28.8	+ 4.0	15.2	+ 1.3	22.0	a	21.5	+ 2.2	a	16.4	+ 1.3	a	56	— 5
	Mostafa Helmi (A)	a	997.8	—	1016.8	—	27.3	—	15.4	—	21.4	a	20.8	—	a	16.7	—	a	64	—
	Almaza (A)	a	1007.0	— 0.1	1016.7	— 0.3	28.9	+ 3.3	15.4	+ 1.2	22.2	a	21.6	+ 1.8	a	16.2	+ 0.6	a	55	— 6
	Abbasiya (H.Q.)	a	1014.0	—	1017.4	—	30.8	—	16.0	—	23.4	a	22.3	—	a	17.4	—	a	59	—
	Imbaba A)	a	1014.3	—	1016.4	—	28.5	—	14.0	—	21.2	a	20.2	—	a	16.8	—	a	67	—
	Giza	a	1013.9	— 0.6	1016.7	— 0.6	28.5	+ 2.5	14.8	+ 2.5	21.6	a	20.8	+ 2.5	a	17.0	+ 1.0	a	67	—12
	Helwan	a	999.9	+ 0.7	1016.6	+ 0.5	29.6	+ 4.2	16.8	+ 1.9	23.2	a	22.8	+ 3.1	a	15.7	— 0.3	a	43	—18
Upper Egypt	Fayoum	a	1013.3	+ 0.6	1016.3	+ 0.6	30.1	+ 3.3	15.5	+ 2.2	22.8	a	22.1	+ 3.2	a	17.0	+ 1.5	a	57	—11
	Beni Suef	a	1012.4	— 0.7	1015.8	— 0.8	29.4	+ 2.5	12.7	+ 1.5	21.0	a	20.4	+ 2.0	a	15.8	+ 0.9	a	59	— 7
	Seds	a	—	—	—	—	29.7	+ 2.8	11.9	+ 1.2	20.8	c	20.1	+ 2.6	c	17.3	+ 2.2	e	74	— 2
	Minya (A)	—	1010.6	— 1.0	1015.4	— 1.1	29.8	+ 3.2	12.5	+ 1.0	21.2	a	20.2	+ 1.5	a	15.8	+ 1.4	a	61	+ 1
	Mallawi	a	—	—	—	—	29.2	—	11.5	—	20.4	c	19.0	—	c	17.5	—	e	86	—
	Asyout (Mangabad) (A)	—	1007.4	— 0.6	1015.5	— 0.7	30.7	+ 4.5	15.0	+ 2.3	22.8	a	22.2	+ 2.9	a	15.1	+ 1.5	a	43	— 6
	Shandaweel	a	—	—	—	—	31.5	+ 2.7	14.4	+ 2.1	23.0	c	21.6	+ 1.5	c	18.6	+ 1.6	e	74	+ 2
	Nag Hammadi	—	1006.6	0.0	1014.7	— 0.2	32.5	+ 3.7	14.9	+ 2.7	23.7	c	22.4	+ 2.9	c	18.0	+ 2.2	e	63	— 3
	Kena	c	1006.2	+ 0.4	1014.7	+ 0.3	33.5	+ 3.6	16.5	+ 2.7	25.0	c	23.3	+ 3.0	c	17.3	+ 1.6	e	52	— 7
	Luxor (A)	a	1004.0	— .01	1014.2	— 0.1	32.9	+ 3.0	13.6	+ 1.2	23.2	a	22.9	+ 2.1	a	16.0	+ 1.1	a	45	— 7
	Kom Ombo	a	1001.4	—	1013.3	—	34.7	—	15.8	—	25.2	a	24.6	—	a	16.0	—	a	36	—
	Aswan (A)	a	990.5	— 0.6	1013.5	— 0.6	34.0	+ 3.2	17.5	— 0.9	25.8	a	25.8	+ 3.0	a	15.0	— 0.4	a	25	—16
Western Desert	Siwa	a	1018.2	— 1.1	1016.5	— 1.1	29.2	+ 3.7	13.0	+ 2.4	21.1	a	21.0	+ 3.2	a	15.0	+ 2.4	a	49	— 2
	Bahariya	a	1001.1	— 0.8	1016.4	— 0.8	30.5	+ 4.5	13.3	+ 2.0	21.9	a	21.5	+ 3.4	a	14.4	+ 0.3	a	41	—21
	Farafra	a	1006.0	— 1.4	1016.9	— 1.4	29.8	+ 3.4	12.4	+ 2.5	21.1	a	20.8	+ 3.6	a	12.9	+ 0.9	a	34	—16
	Dakhla	a	999.8	— 2.7	1012.8	— 2.7	33.0	+ 6.3	12.0	— 0.1	22.5	a	22.3	+ 3.3	a	12.9	— 0.2	a	27	—20
	Kharga	a	1006.4	— 0.6	1014.6	— 0.8	34.4	+ 6.0	15.4	+ 2.3	24.9	a	23.9	+ 3.7	a	15.0	+ 0.5	a	33	—17
Red Sea	Suez	c	1015.3	+ 0.1	1016.5	+ 0.1	30.8	+ 4.3	15.1	+ 0.0	23.0	c	22.6	+ 2.8	c	19.1	+ 2.7	c	70	+ 1
	Abu Redes	a	1014.7	—	1015.1	—	22.6	—	17.6	—	20.1	a	23.5	—	a	17.4	—	a	52	—
	Tor	a	1014.5	+ 0.4	1014.9	+ 0.4	28.9	+ 2.4	15.8	+ 1.2	22.4	a	22.5	+ 2.1	a	17.0	+ 1.1	a	55	— 5
	Hurghada	a	1014.8	+ 0.6	1015.0	+ 0.6	29.1	+ 3.8	16.9	+ 1.3	23.0	a	22.9	+ 2.2	a	16.7	+ 1.0	a	50	— 6
	Quseir	a	1013.5	+ 0.4	1014.5	+ 0.4	29.8	+ 2.4	21.9	+ 2.4	25.8	a	25.7	+ 1.7	a	19.2	— 0.3	a	51	— 7
	Abul Kizan	—	—	—	—	—	30.4	+ 1.2	26.8	+ 2.8	28.6	c	27.8	+ 1.6	c	24.1	+ 1.3	c	72	— 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

NOVEMBER 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	31.7	20	23.2	26,27,28	16	2	0	0	0	21.4	18,19	14.0	30				
	Sidi Barrani	29.4	10	22.7	4	9	0	0	0	0	20.9	22	11.7	30	0	0	0	0
	Mersa Matruh (A)	31.4	17	23.4	30	18	2	0	0	0	21.0	22	10.8	28	0	0	0	0
	Ras El Hikma	27.6	21	22.7	20	10	0	0	0	0	21.2	22	15.2	10	0	0	0	0
	Dabaa	31.8	21	22.9	5	14	1	0	0	0	20.6	12	11.8	21	0	0	0	0
	Dekheila (A)	35.0	1	23.5	17	18	1	0	0	0	21.9	2	11.3	30	0	0	0	0
	Ras El Teen	31.9	1	22.6	9	12	1	0	0	0	23.0	2	17.7	18	0	0	0	0
	Alexandria (A)	35.2	1	25.6	30	30	4	1	0	0	21.3	2	12.3	30	0	0	0	0
	Balteam	32.6	1	24.4	17	28	2	0	0	0	22.0	2	14.5	30	0	0	0	0
	Damietta	32.8	3	24.9	5	29	3	0	0	0	21.9	1	14.7	30	0	0	0	0
	Port Said (A)	33.9	3	24.4	27	25	2	0	0	0	24.1	3	17.2	30	0	0	0	0
	El Arish	35.5	3	23.2	30	29	6	1	0	0	21.0	3	7.4	29	4	0	0	0
	Ghazza	35.5	3	23.6	29	19	7	1	0	0	22.7	3	10.4	29	0	0	0	0
Lower Egypt	EL Sirw	34.0	3	25.0	5,8	28	2	0	0	0	21.0	12,19	12.5	30	0	0	0	0
	Sakha	37.4	1	26.0	17	30	11	1	0	0	18.4	3	13.8	6,30	0	0	0	0
	Mansoura	35.4	3	25.0	5	29	2	1	0	0	17.8	3	10.0	30	0	0	0	0
	Damanhour	36.1	1	25.6	5	30	5	1	0	0	19.9	2	11.7	30	0	0	0	0
	Gimmeiza	35.5	1,3	26.5	30	30	2	2	0	0	21.0	3	9.0	29	1	0	0	0
	Tanta	35.6	1	25.7	5	30	3	1	0	0	19.8	3	10.7	29	0	0	0	0
	Tahrir	38.1	1	25.9	30	30	4	2	0	0	20.4	3	9.8	26	1	0	0	0
	Shebin El Kom	36.6	1	27.3	5,8	30	16	1	0	0	19.8	3	9.8	29	1	0	0	0
	Zagazig	34.8	1	25.8	27	30	2	0	0	0	21.2	2	10.7	29	0	0	0	0
	Abu Sueir (A)	37.4	3	27.2	5,27,28	30	8	2	0	0	22.3	3	8.6	29	3	0	0	0
	Banha	33.3	1	24.6	6,28	27	2	0	0	0	21.3	3	10.7	29	0	0	0	0
	Zaher (A)	36.2	1	25.6	30	30	7	2	0	0	22.6	3	8.6	29	4	0	0	0
	Wadi EL Natrun	37.9	1	26.5	30	30	11	1	0	0	21.1	2	9.9	30	1	0	0	0
	Inshas (A)	36.0	1	25.2	27,30	30	2	1	0	0	21.5	3	8.3	29	3	0	0	0
	Fayed (A)	36.7	1	26.1	30	30	9	2	0	0	22.5	3	8.2	29	1	0	0	0
	Kabrit (A)	36.0	1,3	24.1	30	38	10	2	0	0	21.1	3	12.3	28	0	0	0	0
	Delta Barrage	39.3	14	25.5	30	30	8	2	0	0	19.0	4	8.3	29	2	0	0	0
Cairo Area	Cairo A)	37.4	1	25.4	30	30	8	1	0	0	21.3	3	9.4	30	2	0	0	0
	Mostafa Helmi (A	36.3	1	24.0	30	23	3	1	0	0	20.8	3	10.3	30	0	0	0	0
	Almaza (A)	37.5	3	25.3	30	30	9	2	0	0	21.8	3	9.0	29	1	0	0	0
	Abbasiya (H.Q)	38.5	1	25.3	30	30	16	3	0	0	24.9	3	10.5	28	0	0	0	0
	Imbaba A)	36.8	3	25.1	27	30	6	2	0	0	19.4	3	8.0	29	4	0	0	0
	Giza	37.7	1	24.8	27	28	7	2	0	0	20.5	3	8.6	29	1	0	0	0
	Helwan	35.9	1	25.0	30	29	11	2	0	0	21.7	3	12.2	30	0	0	0	0

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

NOVEMBER 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	36.7	3	26.8	29	30	13	2	0	0	21.3	4	10.3	29	0	0	0	0
	Beni Suef	39.4	1	25.4	28	30	11	2	0	0	20.2	3	6.5	28,29	6	0	0	0
	Seds	37.0	3	26.0	29	30	12	2	0	0	18.3	3	6.0	29	7	0	0	0
	Minya (A)	36.2	3	25.5	30	30	13	2	0	0	17.2	3	6.9	29	5	0	0	0
	Mallawi	35.5	1,3	24.5	28	27	10	2	0	0	17.2	3	6.8	29	8	0	0	0
	Asyout (Mangabad) (A)	37.0	1	25.8	29,30	30	17	3	0	0	20.5	3	10.8	26	0	0	0	0
	Shandaweel	36.0	3	28.0	28	30	19	1	0	0	18.5	3	11.5	28	0	0	0	0
	Nag Hammadi	37.4	4	29.0	29	30	27	2	0	0	18.5	3	11.7	26	0	0	0	0
	Kena	37.2	2	29.0	28	30	27	7	0	0	21.0	19	13.4	26	0	0	0	0
	Luxor (A)	36.5	4	27.5	29	30	27	4	0	0	18.5	3	10.6	24	0	0	0	0
	Kom Ombo	37.9	4	29.0	29	30	29	14	0	0	19.4	6,14	11.6	22	0	0	0	0
	Aswan (A)	39.4	5	29.1	29	30	26	13	0	0	20.4	14	14.5	26	0	0	0	0
Western Desert	Siwa	34.8	17	25.5	28	30	9	0	0	0	19.8	22	8.3	30	4	0	0	0
	Bahariya	37.5	2	25.2	29	30	16	3	0	0	19.7	4	7.0	29	3	0	0	0
	Farafra	37.8	3	24.0	28	28	13	3	0	0	20.3	29	5.9	29	6	0	0	0
	Dakhla	39.3	3	26.5	30	30	24	10	0	0	19.4	3	6.1	30	6	0	0	0
	Kharga	39.4	2	29.0	9	30	25	15	0	0	23.3	15	9.8	30	1	0	0	0
Red Sea	Suez	36.1	3	26.6	30	30	14	3	0	0	23.6	3	10.0	29	0	0	0	0
	Abu Redes	37.0	3	25.7	8	30	7	1	0	0	22.5	3	13.8	28	0	0	0	0
	Tor	32.3	1	26.4	6	30	6	0	0	0	20.5	3	11.8	28	0	0	0	0
	Hurghada	34.4	2	26.6	28	30	4	0	0	0	20.6	5	14.4	21,28	0	0	0	0
	Quseir	32.3	4	27.7	29	30	15	0	0	0	24.5	3	19.0	28	0	0	0	0
	Abul Kisan	33.0	20	27.7	30	30	16	0	0	0	27.6	3	24.4	30	0	0	0	0

TABLE A 5. — RAINFALL AND SNOW DEPTH

NOVEMBER 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	0.5	—26.6	0.4	22	1	2	0	0	0	0	0	0	—
	Sidi Barrani	0.0	—23.5	0.0	—	0	0	0	0	0	0	0	0	—
	Mersa Matruh (A)	0.4	—20.5	0.4	18	1	1	0	0	0	0	0	0	—
	Ras El Hikma	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Dabaa	0.0	—25.6	0.0	—	0	0	0	0	0	0	0	0	—
	Dekheila (A)	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Ras El Teen	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Alexandria (A)	0.0	—32.4	0.0	—	0	0	0	0	0	0	0	0	—
	Balteam	0.4	—	0.4	7	0	1	0	0	0	0	0	0	—
	Damietta	0.2	—16.8	0.2	7	0	1	0	0	0	0	0	0	—
	Port Said (A)	0.0	— 9.3	0.0	—	0	0	0	0	0	0	0	0	—
	El Arish	1.9	—13.2	1.9	7	0	1	1	0	0	0	0	0	—
	Ghazza	0.8	—	0.8	7	0	1	0	0	0	0	0	0	—
	Fuka	5.0	—12.0	2.5	12	0	3	3	0	0	0	0	0	—
	Hammam	0.0	—22.0	0.0	—	0	0	0	0	0	0	0	0	—
	Borg El Arab	0.0	—32.9	0.0	—	0	0	0	0	0	0	0	0	—
	Mex	0.0	—29.5	0.0	—	0	0	0	0	0	0	0	0	—
	Tolombat El Tabia	0.0	—25.6	0.0	—	0	0	0	0	0	0	0	0	—
	Kom El Tarfaia	0.0	—17.5	0.0	—	0	0	0	0	0	0	0	0	—
	Rosetta L.H.	0.0	—22.8	0.0	—	0	0	0	0	0	0	0	0	—
	Borollos L.H.	0.0	—34.9	0.0	—	0	0	0	0	0	0	0	0	—
	Dameitta L.H.	0.0	—19.1	0.0	—	0	0	0	0	0	0	0	0	—
Lower Egypt	El Sirw	0.0	— 5.0	0.0	—	0	0	0	0	0	0	0	0	—
	Sakha	0.0	— 9.0	0.0	—	0	0	0	0	0	0	0	0	—
	Mansoura	0.0	— 5.5	0.0	—	0	0	0	0	0	0	0	0	—
	Damanhour	Tr.	— 6.7	Tr.	2	1	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	— 5.1	0.0	—	0	0	0	0	0	0	0	0	—
	Tahrir	Tr.	—	Tr.	2	1	0	0	0	0	0	0	0	—
	Shebin El Kom	0.0	— 2.1	0.0	—	0	0	0	0	0	0	0	0	—
	Zagazig	0.0	— 4.0	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	—
	Banha	0.0	— 3.4	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	Tr.	—18.8	Tr.	2	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	0.0	— 23.2	0.0	—	0	0	0	0	0	0	0	0	—
	Kafr El Dawar	0.0	—21.1	0.0	—	0	0	0	0	0	0	0	0	—
	Kafr El Sheikh	0.0	— 8.1	0.0	—	0	0	0	0	0	0	0	0	—
	Kafr El Zayat	0.0	— 8.9	0.0	—	0	0	0	0	0	0	0	0	—
	Faqus	0.0	— 8.4	0.0	—	0	0	0	0	0	0	0	0	—
Cairo Area	Cairo (A)	0.0	— 3.2	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)	Tr.	—1.8	Tr.	3	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	0.0	—3.2	0.0	—	0	0	0	0	0	0	0	0	—
	Helwan	0.0	—4.0	0.0	—	0	0	0	0	0	0	0	0	—

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

NOVEMBER 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	0.0	—1.0	0.0	—	0	0	0	0	0	0	0	0	—
	Beni Suef	0.0	—0.7	0.0	—	0	0	0	0	0	0	0	0	—
	Seds	0.0	—0.2	0.0	—	0	0	0	0	0	0	0	0	—
	Minya (A)	0.0	—0.3	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	—0.2	0.0	—	0	0	0	0	0	0	0	0	—
	Kena	0.0	—2.2	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	—1.1	0.0	—	0	0	0	0	0	0	0	0	—
	Bahariya	0.0	—0.9	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	—0.1	0.0	—	0	0	0	0	0	0	0	0	—
Red Sea	Suez	0.0	—4.3	0.0	—	0	0	0	0	0	0	0	0	—
	Attaqa	0.0	—1.8	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	—2.0	0.0	—	0	0	0	0	0	0	0	0	—
	Hurghada	0.0	—1.6	0.0	—	0	0	0	0	0	0	0	0	—
	Quseir	0.0	—2.0	0.0	—	0	0	0	0	0	0	0	0	—
	Abul Kizan	0.0	—5.9	0.0	—	0	0	0	0	0	0	0	0	—

TABLE A 6.—BRIGHT SUNSHINE, CLOUDINESS, EVAPORATION, BRIGHT & BLACK BULB TEMPERATURES AND GRASS MINIMUM NOVEMBER 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				
Mediterranean Sea	Sallum	—	—	—	2.7	—	4.3	—	3.9	—	3.6	—	5.4	—	—	17.9
	Sidi Barrani	—	—	—	—	—	4.4	—	3.5	—	2.8	—	4.3	—	—	—
	Mersa Matruh (A)	243.3	317.2	77	2.0	—	4.2	—	4.0	—	2.9	—	4.8	—	—	—
	Ras El Hikma	—	—	—	—	—	3.7	—	3.7	—	2.7	—	4.7	—	—	17.6
	Dabaa	—	—	—	—	—	4.1	—	4.0	—	2.7	—	4.3	—	—	—
	Dekheila (A)	—	—	—	1.5	—	2.5	—	3.1	—	1.7	—	4.3	—	—	—
	Ras El Teen	—	—	—	2.4	—	3.8	—	4.2	—	2.8	—	4.7	—	—	—
	Alexandria	243.6	318.0	77	3.0	—	3.6	—	4.2	—	2.6	—	3.3	—	—	—
	Balteam (A)	—	—	—	—	—	3.8	—	4.1	—	2.2	—	3.2	—	—	—
	Damietta	—	—	—	—	—	1.8	—	2.2	—	1.0	—	2.9	—	—	—
	Port Said (A)	254.5	318.0	80	0.7	—	2.5	—	2.6	—	1.6	—	6.0	45	29	19.6
	El Arish	—	—	—	2.8	—	3.3	—	2.8	—	2.4	—	4.8	—	—	12.9
	Ghazza	258.1	317.2	81	1.7	—	3.0	—	3.0	—	1.1	—	6.8	—	—	13.9
Lower Egypt	El Sirw	—	—	—	—	—	2.1	—	2.7	—	1.5	—	3.0	—	—	—
	Sakha	—	—	—	—	—	2.3	—	2.2	—	0.9	—	3.5	—	—	15.5
	Mansoura	—	—	—	—	—	2.9	—	2.7	—	—	—	3.8	—	—	—
	Damanhour	—	—	—	—	—	3.0	—	3.1	—	1.8	—	2.3	—	—	—
	Gimmeiza	—	—	—	—	—	0.4	—	1.9	—	0.0	—	4.2	—	—	—
	Tanta	242.4	318.8	76	—	—	2.6	—	2.3	—	0.4	—	2.9	59	38	—
	Tahrir	244.9	319.2	77	—	—	2.6	—	3.0	—	1.3	—	5.2	—	—	12.9
	Shebin El Kom	—	—	—	—	—	2.4	—	2.5	—	0.8	—	3.6	—	—	—
	Zagazig	257.9	318.8	81	—	—	2.2	—	3.1	—	0.8	—	2.8	—	—	—
	Abu Sueir (A)	—	—	—	2.0	—	4.2	—	3.4	—	1.5	—	5.7	66	33	12.7
	Bænha	—	—	—	—	—	3.2	—	2.6	—	0.5	—	2.9	—	—	—
	Zaher (A)	—	—	—	—	—	3.8	—	3.0	—	1.3	—	5.9	—	—	—
	Wadi El Natrun	—	—	—	—	—	3.0	—	2.8	—	0.8	—	6.8	—	—	—
	Inshas (A)	—	—	—	0.8	—	1.6	—	2.0	—	1.1	—	5.3	—	—	—
	Fayed (A)	—	—	—	—	—	2.2	—	2.7	—	1.7	—	9.8	—	—	—
	Kabrit (A)	—	—	—	—	—	2.1	—	2.4	—	1.1	—	9.1	—	—	—
	Delta Barrage	—	—	—	—	—	3.8	—	—	—	—	—	2.1	—	—	—
Cairo Area	Cairo (A)	—	—	—	1.6	—	3.2	—	3.3	—	1.2	—	13.3	—	—	—
	Mostafa Helmi (A)	—	—	—	2.3	—	3.4	—	3.0	—	1.4	—	8.0	—	—	—
	Almaza (A)	250.4	319.8	78	1.4	—	3.1	—	3.3	—	1.2	—	8.0	—	—	—
	Abbasiya (H.Q.	241.9	319.8	76	1.4	—	3.5	—	2.9	—	1.4	—	5.0	65	41	—
	Imbaba (A)	—	—	—	—	—	3.8	—	2.8	—	0.9	—	4.8	—	—	—
	Giza	239.1	319.9	75	—	—	3.1	—	2.4	—	0.5	—	5.9	—	—	9.9
	Helwan	—	—	—	0.8	—	1.7	—	2.6	—	1.0	—	16.6	—	—	—
Upper Egypt	Fayoum	—	—	—	—	—	1.5	—	2.5	—	0.8	—	5.5	—	—	—
	Beni Suef	—	—	—	—	—	1.4	—	2.1	—	0.2	—	4.6	—	—	10.3
	Seds	—	—	—	—	—	0.2	—	1.0	—	0.9	—	3.5	—	—	10.0
	Minya (A)	—	—	—	1.2	—	1.7	—	2.3	—	1.5	—	5.7	—	—	10.2
	Mallawi	—	—	—	—	—	0.8	—	0.7	—	0.2	—	1.3	—	—	10.0
	Asyout (Mangabad) (A)	—	—	—	0.4	—	1.2	—	1.4	—	0.7	—	9.4	—	41	13.6
	Shandaweel	—	—	—	—	—	1.4	—	1.7	—	2.5	—	3.4	—	—	—
	Nag Hammadi	—	—	—	—	—	0.7	—	0.6	—	0.2	—	3.7	—	—	14.5
	Kena	—	—	—	—	—	1.2	—	1.5	—	0.4	—	5.7	—	—	16.3
	Luxor (A)	—	—	—	0.7	—	1.4	—	1.5	—	1.2	—	5.4	60	39	—
	Kom Ombo	—	—	—	—	—	0.5	—	1.2	—	0.5	—	8.1	—	—	7.6
	Aswan (A)	—	—	—	0.5	—	1.0	—	1.5	—	0.8	—	18.3	—	—	—
Western Desert	Siwa	—	—	—	1.5	—	3.7	—	3.3	—	1.9	—	8.8	67	40	11.8
	Bahariya	—	—	—	1.3	—	2.7	—	3.7	—	2.2	—	6.1	50	34	12.6
	Farafra	—	—	—	1.6	—	2.4	—	2.8	—	2.2	—	11.2	52	34	11.6
	Dakhla	—	—	—	1.1	—	1.8	—	2.1	—	1.6	—	10.5	46	35	12.3
	Kharga	—	—	—	0.1	—	1.3	—	1.4	—	0.6	—	10.1	—	—	13.1
Red Sea	Suez	—	—	—	—	—	1.9	—	2.6	—	1.5	—	6.7	—	—	—
	Abu Redes	288.9	322.1	90	—	—	1.1	—	1.7	—	0.3	—	8.5	—	—	—
	Tor	—	—	—	0.6	—	1.2	—	1.9	—	0.7	—	5.5	—	—	—
	Hurghada	—	—	—	1.1	—	1.2	—	1.8	—	1.3	—	12.0	—	—	—
	Quseir	—	—	—	0.4	—	1.5	—	1.9	—	0.9	—	11.2	—	—	—
	Abul Kizan	—	—	—	—	—	0.9	—	1.4	—	0.8	—	7.1	—	—	—

TABLE A 7.—SOIL TEMPERATURES (°C) AT SELECTED DEPTHS AT FIXED HOURS
NOVEMBEE 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	—	—	—	—	—	18.4	21.5	19	15.0	30	26.5	28.2	10	24.3	18,22	22.4	23.3	6	19.8	30
		10	—	—	—	—	—	20.7	22.1	18,19,22	17.0	29	23.9	25.8	5	21.9	30	23.3	24.5	20	21.0	30
		20	—	—	—	—	—	21.8	23.6	18	19.5	30	22.3	23.2	23	20.2	30	23.2	23.6	7,20	20.4	29
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Mersa Matruh (A)	5	20.3	22.0	1,19	18.0	30	19.2	24.0	24	15.6	28	27.7	30.0	3	26.2	6	23.3	24.5	3,8	20.6	30
		10	21.3	22.6	1	19.4	30	20.0	25.5	24	17.0	29	25.0	27.0	3	23.2	29,30	24.1	25.6	14	22.2	28,29
		20	22.8	23.8	3	21.2	30	21.6	23.8	2	15.3	30	22.7	24.3	1	21.0	28,29	24.0	25.0	3	22.3	30
		50	23.6	25.1	24	22.0	28	23.5	24.3	3	22.0	30	23.3	24.2	5	22.2	29	23.4	24.0	*	20.9	30
		100	22.2	24.6	12	20.7	6	22.2	22.8	9	20.8	5	22.2	23.0	6,7	21.0	1,3,5	22.3	23.0	5,16	20.9	2-3
		200	24.8	25.4	15	24.2	29	24.8	25.4	3	24.2	22	24.8	25.3	1,6	24.4	29	24.8	25.3	1,5	24.0	20
	Ras El Hikma.	5	—	—	—	—	—	19.8	21.5	13	18.0	10	26.2	27.7	1	24.6	11	21.7	22.7	1	21.0	5
		10	—	—	—	—	—	20.1	21.5	2	18.7	6,30	23.9	25.3	3	22.5	30	22.4	23.5	1	21.0	30
		20	—	—	—	—	—	20.6	21.8	2	19.2	30	22.8	24.0	3	21.6	30	22.3	23.3	1	21.1	30
		50	—	—	—	—	—	22.3	23.0	2,3,4	21.5	30	22.2	23.0	2	21.4	30	22.2	23.0	3	21.4	29,30
		100	—	—	—	—	—	22.7	23.6	1	22.2	30	22.7	23.6	1	22.2	29,30	22.7	23.3	1,2	22.2	29,30
		200	—	—	—	—	—	23.1	23.4	1·2·3	22.6	30	23.1	23.4	*	22.6	30	23.0	23.4	1,2,3	22.6	30
	Alexandria . (A)	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	24.4	25.7	4,5	22.4	30	24.3	25.7	4	22.2	30	24.1	25.5	2,3,4	22.2	30	24.2	25.8	4	22.4	29
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	El Arish . . .	5	20.7	28.0	4	15.4	30	18.7	24.6	3	13.0	29	24.4	29.8	3	19.3	30	23.0	28.0	3	18.8	28
		10	21.9	28.1	4	17.0	30	20.0	25.0	3	15.0	29	23.3	27.9	3	18.4	30	23.5	28.1	3	19.4	28,29,30
		20	23.5	27.5	4	19.4	30	22.4	26.2	3	17.6	27	22.9	26.4	3	18.6	30	23.8	27.5	3	22.0	29,30
		50	25.5	28.0	2	22.4	30	25.5	27.6	4	22.5	30	25.4	27.5	4	22.2	30	25.2	27.7	3	22.1	30
		100	26.3	27.6	2	24.4	30	26.3	27.6	1	24.6	29.30	26.3	27.6	1,2	24.3	30	26.2	27.6	1,2	24.5	30
		200	27.1	27.8	1,3	26.2	36	27.1	27.8	1 2,3	26.2	30	27.1	27.9	1	26.0	30	27.1	27.9	1,2	26.2	28,29,3 0
	Ghassa	5	20.4	24.4	3,7	15.2	28	19.1	23.2	3	14.0	29	27.3	32.5	22	23.0	30	23.0	25.4	4	19.8	29
		10	21.5	25.3	6	17.5	27,28	19.6	25.0	10	15.0	29	25.8	29.9	22	21.0	30	23.8	26.0	4,5	20.7	29
		20	22.9	25.6	7	19.0	30	21.3	24.0	5	18.0	29	23.4	26.6	22	18.9	30	24.0	26.4	5	20.8	29
		50	25.1	26.4	3	23.0	27,28	25.1	26.4	3	23.0	28	25.1	27.0	6	23.0	29.30	24.6	26.5	5	22.5	30
		100	27.5	29.0	3	27.0	*	27.5	29.0	4,11	26.0	22,27	27.5	29.0	2,6	26.0	29,30	27.4	29.0	8	25.4	30
		200	28.5	30.5	4,9,19	27.2	21	28.8	30.5	4	27.0	14	29.1	30.5	2	27.0	29	28.4	30.5	*	26.0	25

* more than 3 days.

TABLE A 7. (*contd.*)—SOIL TEMPERATURES (°C) AT SELECTED DEPTHS AT FIXED HOURS

NOVEMBER 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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	24.5	25.3	*	24.0	*	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	24.7	25.8	*	24.0	*	—	—	—	—	—
	Gimmeiza	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Tanta	5	—	—	—	—	—	19.0	22.2	3	15.0	29	22.9	26.2	3	19.8	29,30	22.2	25.5	3	19.3	28,30
		10	—	—	—	—	—	22.6	25.2	4	19.4	29,30	24.2	27.0	3	21.2	29,30	24.5	27.5	3	21.5	29,30
		20	—	—	—	—	—	21.6	23.6	4	18.6	30	21.7	23.7	4	18.7	30	22.1	24.4	4	19.4	30
		50	—	—	—	—	—	25.7	27.2	5	23.5	30	25.6	27.0	*	23.4	30	25.5	27.1	4	23.4	30
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Tahrir	5	—	—	—	—	—	18.1	22.5	2	12.7	30	31.9	37.9	1	28.4	30	22.5	27.5	3	18.9	27,28
		10	—	—	—	—	—	19.2	23.1	2	14.6	30	27.8	32.5	3	23.9	30	24.5	29.1	3	21.2	28,30
		20	—	—	—	—	—	22.3	25.5	4	18.6	30	23.8	26.9	3	20.1	30	25.2	28.7	3	21.8	30
		50	—	—	—	—	—	24.6	26.7	4	22.0	30	24.3	26.4	4	21.7	30	24.4	26.6	4	21.7	30
		100	—	—	—	—	—	25.8	26.9	*	24.2	30	—	—	—	—	—	25.7	27.0	1	24.0	30
		200	—	—	—	—	—	—	—	—	—	—	26.8	27.6	1-2	25.9	30	—	—	—	—	—
	Delta Barrage	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	23.1	24.5	1,3,10	20.1	30	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	21.4	25.5	1	19.8	28	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	24.8	26.0	1	19.1	28	—	—	—	—	—	—	—	—	—	—

* More than 3 days.

TABLE A 7. (*contd.*)—SOIL TEMPERATURES (°C) AT SELECTED DEPTHS AT FIXED HOURS
NOVEMBER 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	—	—	—	—	—	19.8	25.3	4	14.8	29	29.4	35.8	3	25.4	27	24.4	28.2	3	20.9	27,28,29
		10	—	—	—	—	—	22.4	26.4	4	18.6	29	25.8	29.9	3	22.2	29	25.9	29.5	3	22.6	29
		20	—	—	—	—	—	25.1	27.6	4	22.2	29,30	25.1	27.6	4	22.1	29	25.7	28.2	3	22.8	29
		50	—	—	—	—	—	26.8	28.5	1	24.4	30	26.7	28.3	*	24.4	30	26.6	28.3	4	24.3	30
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Upper Egypt	Seds	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	24.0	25.2	1	22.7	29,30	24.0	25.2	1	22.7	29,30	24.0	25.2	1	22.7	29,30
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Minya (A)	5	21.7	25.6	5	17.7	30	19.5	23.0	3,5	15.0	30	25.8	32.0	4	21.0	29	24.2	29.0	3	20.0	29
		10	24.8	28.5	5	21.0	28,30	23.2	26.4	5	19.3	30	25.6	30.0	4	21.5	29	26.2	30.0	4	22.5	29
		20	25.2	27.7	5	22.0	30	24.5	27.5	5	21.5	29,30	24.9	29.0	3	21.5	29,30	25.5	28.9	3	22.0	30
		50	26.3	28.7	4	24.0	29,30	26.3	28.3	4	23.4	29	26.2	29.3	3	23.0	29	26.2	29.1	3	23.5	29,30
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Mallawi	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	20.9	22.0	1	19.0	30	20.9	22.0	1	19.0	30	20.9	21.8	*	19.0	29,30
		100	—	—	—	—	—	22.1	23.0	*	21.0	28,29,30	22.1	23.0	*	21.0	28,29,30	22.1	23.0	1,2,3	21.0	28,29,30
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Shandaweel	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	—	—	—	—	—	24.7	27.0	2	22.5	30	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	25.7	26.8	3,4	24.5	28,29,30	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

* More than 3 days

TABLE [illegible] SOIL TEMPERATURES (°C) AT SELECTED DEPTHS AT FIXED HOURS

NOVEMBER 1962

District	Station	Depth in centimetres	[illegible]					0600 G.T.					1200 G.T.					[illegible] G.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	—	—	—	—	—	20.4	25.1	1	16.8	25,30	36.7	45.0	1	24.3	29	25.0	35.5	1	20.3	29
		10	—	—	—	—	—	22.2	27.0	1	19.0	25,27	29.4	37.0	1	23.0	29	26.3	32.5	1	22.0	29
		20	—	—	—	—	—	25.1	29.0	2	21.3	17	25.5	29.4	1	22.8	29,30	25.9	29.9	1	23.0	29
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Aswan . . . (A)	5	21.7	25.6	2	18.2	30	22.0	25.2	5,13	18.4	30	41.8	44.8	1,14	37.4	28,29	27.6	32.0	16	23.2	28
		10	26.6	29.8	2	22.8	30	23.5	26.0	1	20.2	30	33.0	36.8	5	27.8	29	31.2	34.3	1	26.6	29
		20	30.1	32.4	2	27.0	29,30	28.6	30.7	2	24.0	29	28.9	30.9	1	25.8	30	30.9	33.1	1	27.3	30
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Western Desert	Siwa	5	21.3	23.4	2	17.5	29	19.6	22.4	2	15.7	30	25.2	28.2	3	21.8	30	23.8	26.2	3	20.4	28,30
		10	22.1	24.0	2,3	18.0	29	20.6	23.0	2,3	16.2	29	24.0	26.[illegible]	3	20.6	29	24.1	26.6	3	20.8	30
		20	23.3	25.2	5	20.2	30	22.0	24.0	2,3	18.6	30	23.2	26.0	6	20.0	29	24.3	26.4	2,3	21.2	30
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bahariya . . .	5	21.5	26.6	3	16.4	30	19.0	24.3	4	14.0	30	25.6	30.2	3	21.0	29,30	25.0	30.0	3	20.3	29
		10	23.1	27.4	3,4	18.5	30	21.0	25.6	4	16.7	30	23.9	28.4	3	19.1	30	25.4	29.6	3	21.3	29,30
		20	24.6	28.4	4	21.0	30	23.6	27.2	4	20.0	30	23.9	27.3	3	20.0	30	24.6	28.9	3	21.5	30
		50	26.5	29.2	9	23.8	30	26.4	28.5	4	23.7	30	26.3	28.4	4	26.3	30	26.8	28.4	4	23.4	30
		100	27.6	28.9	1	26.0	30	27.6	28.8	1,2	26.0	30	27.3	28.8	1,5	25.9	30	27.6	28.8	1,2	25.9	30
		200	28.7	29.4	*	27.2	9	28.8	29.4	*	28.0	30	29.0	29.5	1	27.9	30	29.4	29.5	1,2	28.0	28,29,30
	Farafra	5	23.2	28.0	4	20.6	29	22.2	26.6	4	18.9	29	26.9	30.1	3	21.1	30	25.6	29.9	3	21.9	30
		10	24.3	27.9	4	21.4	30	23.2	26.9	4	20.0	29	23.8	27.6	4	20.3	29	25.0	28.7	3	21.7	30
		20	24.8	27.7	4	22.0	30	28.0	27.3	4	19.8	29	24.2	27.2	4	21.4	29	24.6	27.6	4	21.8	30
		50	25.4	26.8	5,6	23.5	30	25.5	27.6	6	23.6	30	25.4	26.8	4	23.5	30	25.3	26.9	4	23.4	30
		100	26.2	27.3	1	24.9	30	26.2	27.3	6	25.1	30	26.2	27.3	1,2	24.8	30	26.4	27.3	2,5	24.8	30
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

* More than 3 days.

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

NOVEMBER 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.	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
Marsa Matruh	Sallum	2	0	0	0	0	0	0	1	0	0	1	0	—	—	—	—	0	10	3
	Sidi Barrani	0	0	0	0	0	0	0	2	0	0	0	0	—	—	—	—	0	—	—
	Mersa Matruh (A)	1	0	0	0	0	0	2	1	0	0	0	0	—	—	—	—	0	9	1
	Ras El Hikma	0	0	0	0	0	0	1	1	0	0	0	0	—	—	—	—	0	—	—
	Dabaa	0	0	0	0	0	0	4	0	0	0	1	0	—	—	—	—	0	—	—
	Dekheila (A)	0	0	0	0	0	0	3	6	1	0	0	0	—	—	—	—	0	13	1
	Ras El Teen	0	0	0	0	0	0	1	4	2	0	0	0	—	—	—	—	0	7	2
	Alexandria (A)	0	0	0	0	0	0	2	11	0	0	0	0	—	—	—	—	0	9	1
	Balteam	1	0	0	0	0	0	0	1	0	0	0	0	—	—	—	—	0	—	—
	Damietta	1	0	0	0	0	0	1	1	0	0	0	0	—	—	—	—	0	—	—
	Port Said (A)	0	0	0	0	0	0	4	2	2	0	1	0	—	—	—	—	0	15	0
	El Arish	1	0	0	0	0	0	7	3	2	0	0	0	—	—	—	—	0	14	1
	Ghazza	1	0	0	0	0	0	2	3	0	0	0	0	—	—	—	—	0	13	0
Lower Egypt	El Sirw	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sakha	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Mansoura	0	0	0	0	0	0	8	6	0	0	0	0	—	—	—	—	0	—	—
	Damanhour	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gimmeiza	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Tanta	0	0	0	0	0	0	0	0	0	0	0	0	—	—	—	—	0	—	—
	Tahrir	0	0	0	0	0	0	10	6	0	0	0	0	—	—	—	—	0	—	—
	Shebin El Kom	0	0	0	0	0	0	5	2	0	0	0	0	—	—	—	—	0	—	—
	Zagazig	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Abu Sueir (A)	0	0	0	0	0	0	9	14	2	0	0	0	—	—	—	—	0	11	0
	Banha	0	0	0	0	0	0	6	8	0	0	0	0	—	—	—	—	0	—	—
	Zaher (A)	0	0	0	0	0	0	7	8	3	0	0	0	—	—	—	—	0	—	—
	Wadi El Natrun	0	0	0	0	0	0	0	4	0	0	0	0	—	—	—	—	0	—	—
	Inshas (A)	0	0	0	0	0	0	6	6	0	0	0	0	—	—	—	—	0	—	—
	Fayed (A)	0	0	0	0	0	0	2	1	0	0	0	0	—	—	—	—	0	—	—
	Kabrit (A)	0	0	0	0	0	0	4	1	0	0	0	0	—	—	—	—	0	—	—
	Delta Barrage	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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

NOVEMBER 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)			
Cairo Area	Cairo . . . . . (A)	0	0	0	0	0	0	7	7	12	0	1	0	—	—	—	—	0	15	0
	Mostafa Helmi . (A)	0	0	0	0	0	0	17	8	1	0	0	0	—	—	—	—	0	13	0
	Almaza . . . . (A)	0	0	0	0	0	0	8	7	13	0	0	0	—	—	—	—	0	17	0
	Abbasiya . . . (H.Q.)	0	0	0	0	0	0	4	8	1	0	0	0	—	—	—	—	0	17	0
	Imbaba . . . (A)	0	0	0	0	0	0	7	8	0	0	0	0	—	—	—	—	0	22	—
	Giza	0	0	0	0	0	0	3	5	0	0	0	0	—	—	—	—	0	—	—
	Helwan	0	0	0	0	0	0	0	0	0	0	0	0	—	—	—	—	0	20	0
Upper Egypt	Fayoum	0	0	0	0	0	0	1	0	0	0	0	0	—	—	—	—	0	—	—
	Beni Suef	0	0	0	0	0	0	0	0	0	0	0	0	—	—	—	—	0	—	—
	Seds	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Minya . . . . . (A)	0	0	0	0	0	0	2	1	2	0	0	0	—	—	—	—	0	22	0
	Mallawi	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Asyout (Mangabad)(A)	0	0	0	0	0	0	0	0	0	0	0	0	—	—	—	—	0	24	0
	Shandaweel	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Nag Hammadi . . .	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kena	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Luxor . . . . . (A)	0	0	0	0	0	0	0	0	0	0	0	0	—	—	—	—	0	23	0
	Kom Ombo	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	0	0	—	—	—	—	0	25	0
Western Desert	Siwa	0	0	0	0	0	0	0	0	0	0	0	0	—	—	—	—	0	13	0
	Bahariya	0	0	0	0	0	0	1	0	0	0	0	0	—	—	—	—	0	16	0
	Farafra	0	0	0	0	0	0	0	0	0	0	0	0	—	—	—	—	0	14	0
	Dakhla	0	0	0	0	0	0	0	0	0	0	0	0	—	—	—	—	0	20	0
	Kharga	0	0	0	0	0	0	0	0	0	0	0	0	—	—	—	—	0	25	0
Red Sea	Suez	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Abu Redes	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	21	0
	Hurghada	0	0	0	0	0	0	0	0	0	0	0	0	—	—	—	—	0	19	0
	Quseir	0	0	0	0	0	0	0	0	2	0	1	0	—	—	—	—	0	25	0
	Abul Kizan	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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

NOVEMBER — 1962

Districts	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	12	0	19	1—10	46	49	87	81	64	86	86	29	18	7	11	33	597
					11—27	6	3	15	31	5	6	22	1	0	0	0	3	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	**52**	**52**	**102**	**112**	**69**	**92**	**108**	**30**	**18**	**7**	**11**	**36**	**689**
	Mersa Matruh . . (A)	7	11	0	1—10	48	78	69	81	55	68	32	10	27	42	10	20	540
					11—27	12	19	34	36	20	5	10	6	3	3	3	11	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	**60**	**97**	**103**	**117**	**75**	**73**	**42**	**16**	**30**	**45**	**13**	**31**	**702**
	Dekheila . . . (A)	15	3	0	1—10	109	166	100	35	22	12	16	1	5	16	39	87	608
					11—27	68	15	1	0	3	3	0	2	0	0	0	2	94
					28—47	0	0	0	0	0	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**	**181**	**101**	**35**	**25**	**15**	**16**	**3**	**5**	**16**	**39**	**89**	**702**
	Alexandria . . . (A)	50	0	1	1—10	91	234	125	39	29	13	2	4	7	0	3	52	599
					11—27	2	54	9	1	0	1	1	2	0	0	0	0	70
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**93**	**288**	**134**	**40**	**29**	**14**	**3**	**6**	**7**	**0**	**3**	**52**	**669**
	Port Said . . . (A)	0	4	0	1—10	50	75	96	32	14	15	8	11	32	28	21	41	423
					11—27	1	58	165	37	11	2	0	0	0	2	1	12	293
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**55**	**133**	**261**	**69**	**25**	**17**	**8**	**11**	**32**	**30**	**22**	**53**	**716**
	El Arish	3	59	0	1—10	62	70	50	26	67	184	63	47	8	5	15	59	656
					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	**62**	**70**	**50**	**26**	**69**	**184**	**63**	**47**	**8**	**5**	**15**	**59**	**658**
	Ghazza	0	90	5	1—10	37	32	50	64	62	125	27	6	15	26	37	62	543
					11—27	11	13	3	3	14	22	3	0	0	0	1	12	82
					28—47	0	0	0	0	0	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**	**45**	**53**	**67**	**76**	**147**	**30**	**6**	**15**	**26**	**38**	**74**	**625**
Lower Egypt	Mansoura	9	4	20	1—10	161	209	54	26	13	6	3	6	23	34	33	64	635
					11—27	0	21	25	4	0	0	0	0	0	0	0	2	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	**161**	**230**	**79**	**30**	**13**	**6**	**3**	**6**	**23**	**34**	**33**	**66**	**687**
	Tanta	112	9	0	1—10	74	176	130	43	44	1	2	1	21	15	26	64	597
					11—27	0	1	1	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		**177**	**131**	**43**	**44**	**1**	**2**	**1**	**21**	**15**	**26**	**64**	**599**

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

NOVEMBER — 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
Lower Egypt	Abu Sueir . . . (A)	166	2	1	1—10	73	117	95	37	16	19	4	14	41	36	32	27	502
					11—27	2	18	17	9	0	0	0	0	0	0	0	3	49
					28—47	0	0	0	0	0	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**	**135**	**112**	**46**	**16**	**19**	**4**	**14**	**41**	**36**	**23**	**30**	**551**
	Zaher . . . . . (A)	96	7	4	1—10	142	108	51	45	37	27	22	23	39	14	27	36	571
					11—27	3	8	18	2	4	7	0	0	0	0	0	0	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	**145**	**116**	**69**	**47**	**41**	**34**	**22**	**23**	**39**	**14**	**27**	**36**	**613**
Cairo Area	Cairo . . . . . (A)	61	4	142	1—10	44	70	78	50	12	2	7	6	7	3	12	51	342
					11—27	25	58	49	17	11	5	4	0	0	0	0	2	171
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**69**	**128**	**127**	**67**	**23**	**7**	**11**	**6**	**7**	**3**	**12**	**53**	**513**
	Mostafa Helmi . (A)	0	0	0	1—10	40	192	113	14	28	8	11	9	16	3	25	40	499
					11—27	1	66	111	23	3	0	5	0	0	0	0	2	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	**51**	**258**	**224**	**37**	**31**	**8**	**16**	**9**	**16**	**3**	**25**	**42**	**720**
	Abbasiya . . . (H.Q.)	160	1	0	1—10	161	156	72	19	20	4	14	17	5	5	16	70	559
					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	**161**	**156**	**72**	**19**	**20**	**4**	**14**	**17**	**5**	**5**	**16**	**70**	**559**
	Almaza . . . . (A)	1	4	0	1—10	36	132	240	16	61	50	14	10	19	9	11	13	656
					11—27	0	5	20	18	7	9	0	0	0	0	0	0	59
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**36**	**137**	**260**	**79**	**68**	**59**	**14**	**10**	**19**	**9**	**11**	**13**	**715**
	Giza	47	18	56	1—10	216	128	47	3	1	18	16	1	3	1	13	142	589
					11—27	2	7	1	0	0	0	0	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	**218**	**135**	**48**	**3**	**1**	**18**	**16**	**1**	**3**	**1**	**13**	**142**	**599**
Upper Egypt	Fayoum	13	32	98	1—10	291	91	29	13	5	12	18	11	8	17	10	72	577
					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	**291**	**91**	**29**	**13**	**5**	**12**	**18**	**11**	**8**	**17**	**10**	**72**	**577**
	Minya . . . . . (A)	42	23	0	1—10	287	89	3	4	2	15	12	7	5	11	23	162	620
					11—27	25	10	0	0	0	0	0	0	0	0	0	0	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	**312**	**99**	**3**	**4**	**2**	**15**	**12**	**7**	**5**	**11**	**23**	**162**	**655**
	Asyout . . . . . (A)	67	1	44	1—10	12	10	10	14	23	21	7	3	6	140	186	141	573
					11—27	2	0	0	0	2	0	0	0	0	0	4	27	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	**14**	**10**	**10**	**14**	**25**	**21**	**7**	**3**	**6**	**140**	**190**	**168**	**608**

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

NOVEMBER — 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	013/044	045/074	075/104	105/134	135/164	165/194	195/224	225/254	255/284	285/314	315/344	
UPPER EGYPT	Luxor	150	2	0	1—10	60	245	56	37	41	22	11	37	18	9	5	20	561
					11—27	0	1	2	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	**60**	**246**	**58**	**41**	**41**	**22**	**11**	**37**	**18**	**9**	**5**	**20**	**568**
	Aswan	0	2	0	1—10	291	294	64	24	5	0	0	0	0	2	4	18	702
					11—27	10	5	0	0	0	0	0	0	0	0	0	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	**301**	**299**	**64**	**24**	**5**	**0**	**0**	**0**	**0**	**2**	**4**	**19**	**718**
WESTERN DESERT	Siwa	154	2	0	1—10	15	25	70	116	122	82	18	13	9	15	81	15	518
					11—27	0	4	7	7	12	11	3	2	0	0	0	0	46
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥84	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**15**	**29**	**77**	**123**	**134**	**93**	**21**	**15**	**9**	**15**	**81**	**15**	**564**
	Dakhla	26	2	3	1—10	32	48	23	22	33	38	53	47	38	81	137	136	688
					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	**32**	**48**	**23**	**22**	**33**	**38**	**53**	**47**	**38**	**81**	**137**	**137**	**689**
RED SEA	Hurghada	17	5	0	1—10	50	31	25	11	7	1	2	4	10	112	207	63	523
					11—27	15	0	0	0	0	0	0	0	0	15	62	83	175
					28—47	0	0	0	0	0	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**	**31**	**25**	**11**	**7**	**1**	**2**	**4**	**10**	**127**	**269**	**146**	**698**

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

SALLUM — NOVEMBER 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	3	0	4	2	3	0	0	1	0	1	0	1	15
				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	4	0	4	2	3	0	0	1	0	2	0	1	17
0300	18	0	0	1—10	1	1	2	2	1	0	0	0	1	1	0	2	11
				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	2	2	1	0	0	0	1	2	0	2	12
0600	17	0	0	1—10	1	0	2	1	1	0	0	0	3	0	0	4	12
				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	1	0	3	1	1	0	0	0	3	0	0	4	13
0900	12	0	0	1—10	2	3	1	2	3	2	1	1	1	0	0	0	16
				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	5	1	2	3	2	1	1	1	0	0	0	18
1200	4	0	0	1—10	2	3	7	6	1	1	0	0	1	0	0	1	22
				11—27	0	2	0	1	0	1	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	2	5	7	7	1	2	0	0	1	0	0	1	26
1500	2	0	0	1—10	5	4	8	3	2	0	2	0	0	1	0	0	25
				11—27	0	1	2	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	5	5	10	3	2	0	2	0	0	1	0	0	28
1800	13	0	0	1—10	2	3	5	1	1	0	0	0	0	0	0	2	14
				11—27	0	0	1	0	0	0	0	1	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	6	1	1	0	0	1	0	0	0	3	17
2100	12	0	0	1—10	4	3	2	1	3	0	1	0	0	0	0	1	15
				11—27	1	1	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	5	4	2	2	3	0	1	0	0	0	0	1	18

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

MERSA MATRUH (A) — NOVEMBER 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	4	0	0	1—10	0	2	2	3	3	6	1	1	1	5	1	0	25
				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	0	3	2	3	3	6	1	1	1	5	1	0	26
0400	5	0	0	1—10	0	0	4	2	1	6	3	1	2	3	0	0	22
				11—27	0	1	0	0	0	0	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	1	4	2	1	6	4	1	3	3	0	0	25
0600	3	0	0	1—10	0	0	1	4	1	2	4	1	4	6	0	0	23
				11—27	0	1	0	0	0	0	3	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	0	1	1	4	1	2	7	1	4	6	0	0	27
0900	0	0	0	1—10	2	4	1	2	1	1	0	2	0	0	0	1	14
				11—27	0	3	4	4	1	0	1	0	0	0	0	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	2	7	5	6	2	1	1	2	0	0	0	4	30
1200	0	0	0	1—10	3	5	1	3	1	0	0	1	0	0	0	2	16
				11—27	2	1	2	6	1	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	5	6	3	9	2	0	0	1	0	0	0	4	30
1500	0	0	0	1—10	3	5	7	4	0	1	0	0	0	0	0	2	22
				11—27	0	2	0	4	1	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	3	7	7	8	1	1	0	0	0	0	0	3	30
1800	1	0	0	1—10	2	3	5	9	5	0	1	0	0	0	1	1	27
				11—27	1	0	0	0	1	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	3	5	9	6	0	1	0	0	0	1	1	29
2100	6	0	0	1—10	2	2	1	3	1	6	3	0	1	1	0	3	23
				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	2	3	1	3	1	6	3	0	1	1	0	3	24

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

DEKHEILA (A) — NOVEMBER 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	7	8	2	2	1	1	0	0	1	0	2	26
				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	2	7	8	2	3	1	1	0	0	1	0	2	27
0300	9	0	0	1—10	0	8	6	0	2	0	0	0	0	0	1	2	19
				11—27	0	0	0	0	0	1	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	0	8	6	0	2	1	0	0	0	0	1	3	21
0600	5	0	0	1—10	1	6	5	1	2	1	2	0	0	0	1	6	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	1	6	5	1	2	1	2	0	0	0	1	6	25
0900	0	0	0	1—10	6	4	3	3	0	0	1	0	0	1	2	7	27
				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	9	4	3	3	0	0	1	0	0	1	2	7	30
1200	0	0	0	1—10	3	2	1	0	1	0	0	0	0	0	7	6	20
				11—27	9	0	0	0	0	0	0	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	12	2	1	0	1	0	0	0	1	0	7	6	30
1500	0	0	0	1—10	14	2	0	0	0	0	0	0	0	1	2	3	22
				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	21	3	0	0	0	0	0	0	0	1	2	3	30
1800	0	0	0	1—10	6	15	2	0	0	0	0	0	0	0	3	1	27
				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	8	16	2	0	0	0	0	0	0	0	3	1	30
2100	3	0	0	1—10	3	6	11	2	0	0	0	0	0	1	1	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	3	6	11	2	0	0	0	0	0	1	1	3	27

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

RAS EL TEEN — NOVEMBER 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	9	9	0	1	0	0	0	0	0	0	21
				11—27	1	2	0	0	0	1	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	2	3	9	9	0	2	0	0	0	0	0	0	25
0300	5	0	0	1—10	1	0	8	10	0	0	0	0	0	0	2	0	21
				11—27	1	2	0	0	0	1	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	2	2	8	10	0	1	0	0	0	0	2	0	25
0600	4	0	0	1—10	0	4	11	7	0	0	0	0	0	0	1	0	23
				11—27	0	2	0	0	0	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	7	0	1	0	0	0	0	1	0	26
0900	4	0	0	1—10	2	6	5	6	0	0	1	0	0	0	0	0	20
				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	3	8	8	6	0	0	1	0	0	0	0	0	26
1200	2	0	0	1—10	4	7	4	2	0	0	0	0	0	0	0	0	17
				11—27	0	2	8	0	0	0	0	0	1	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	9	12	2	0	0	0	0	1	0	0	0	28
1500	1	0	0	1—10	2	8	10	0	0	0	0	0	0	0	0	0	20
				11—27	2	2	5	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	4	10	15	0	0	0	0	0	0	0	0	0	29
1800	1	0	0	1—10	3	3	15	3	0	0	0	0	0	0	0	0	24
				11—27	1	0	4	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	4	3	19	3	0	0	0	0	0	0	0	0	29
2100	0	0	0	1—10	1	4	11	11	0	0	0	0	0	0	0	0	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	2	6	11	11	0	0	0	0	0	0	0	0	30

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

ALEXANDRIA (A) — NOVEMBER 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	3	8	3	2	0	0	0	2	0	0	0	1	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	3	8	3	2	1	0	0	2	0	0	0	1	20
0300	9	0	0	1—10	2	8	3	2	3	0	0	1	0	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	2	8	3	2	3	0	0	1	0	1	0	1	21
0600	8	0	0	1—10	4	7	7	0	2	0	1	0	0	0	0	1	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	4	7	7	0	2	0	1	0	0	0	0	1	22
0900	3	0	0	1—10	5	2	8	1	1	0	0	0	0	0	0	2	19
				11—27	0	3	4	0	0	0	1	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	5	12	1	1	0	1	0	0	0	0	2	27
1200	0	0	0	1—10	5	4	4	1	1	0	0	0	0	0	0	5	20
				11—27	1	6	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	6	10	6	1	1	0	0	1	0	0	0	5	30
1500	0	0	0	1—10	6	12	2	0	0	0	0	0	0	0	0	4	24
				11—27	0	6	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	6	18	2	0	0	0	0	0	0	0	0	4	30
1800	1	0	0	1—10	2	20	4	0	0	0	0	0	0	0	0	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	2	20	4	0	0	0	0	0	0	0	0	3	29
2100	3	0	0	1—10	3	13	8	2	0	0	0	0	0	0	0	1	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	3	13	8	2	0	0	0	0	0	0	0	1	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)—NOVEMBER 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	1	6	0	3	3	0	1	1	4	0	0	19
				11—27	0	1	8	1	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	0	2	14	1	3	3	0	1	1	4	0	1	30
0300	0	0	0	1—10	1	3	3	0	2	1	1	0	1	5	0	1	18
				11—27	0	1	8	2	1	0	0	0	0	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	1	4	11	2	3	1	1	0	1	5	0	1	30
0600	0	0	0	1—10	0	4	4	2	1	2	2	0	0	3	1	1	20
				11—27	1	1	4	3	1	0	0	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	1	5	8	5	2	2	2	0	0	3	1	1	30
0900	0	0	0	1—10	2	3	2	5	0	0	1	1	1	1	2	1	20
				11—27	0	0	3	4	2	0	0	0	0	0	0	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	2	3	5	9	2	0	1	1	1	1	2	3	30
1200	0	0	0	1—10	4	3	6	0	0	0	0	0	0	0	0	6	19
				11—27	2	2	5	2	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	6	5	11	2	0	0	0	0	0	0	0	6	30
1100	0	0	0	1—10	5	7	2	0	0	0	0	0	0	0	0	3	17
				11—27	0	5	7	0	0	0	0	0	0	0	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	5	12	9	0	0	0	0	0	0	0	0	4	30
1800	0	0	0	1—10	3	6	3	1	0	0	0	0	0	1	1	2	17
				11—27	1	6	5	1	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	4	12	8	2	0	0	0	0	0	1	1	2	30
2100	0	0	0	1—10	3	3	3	3	1	0	0	0	0	1	0	2	16
				11—27	0	4	9	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	3	7	12	4	1	0	0	0	0	1	0	2	30

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

EL ARISH — NOVEMBER 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	0	0	0	2	4	12	2	4	0	0	0	1	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	0	0	0	2	4	12	2	4	0	0	0	1	25
0300	2	0	0	1—10	0	0	0	0	3	16	4	3	2	0	0	0	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	0	0	0	0	3	16	4	3	2	0	0	0	28
0600	3	0	0	1—10	0	0	0	0	6	14	4	1	1	1	0	0	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	0	0	6	14	4	1	1	1	0	0	27
0900	1	0	0	1—10	3	3	1	2	6	4	2	0	1	0	4	2	29
				11—27	0	0	0	1	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	1	3	6	4	2	0	1	0	4	2	29
1200	0	0	0	1—10	6	7	2	0	1	1	0	0	0	0	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	6	7	2	0	1	1	0	0	0	0	3	10	30
1500	0	0	0	1—10	9	12	1	0	0	0	0	0	0	0	0	8	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	12	1	0	0	0	0	0	0	0	0	8	30
1800	3	0	0	1—10	3	5	1	5	4	3	3	0	2	0	0	1	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	3	5	1	5	4	3	3	0	2	0	0	1	27
2100	6	0	0	1—10	0	3	1	1	4	4	3	6	0	0	0	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	0	3	1	1	4	4	3	6	0	0	1	1	24

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

GHAZZA — NOVEMBER 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	1	1	1	12	6	4	2	0	0	0	1	28
				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	0	1	1	1	13	7	4	2	0	0	0	1	30
0300	0	0	0	1—10	0	1	0	3	0	13	3	2	0	1	2	0	25
				11—27	0	0	0	1	0	4	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	0	1	0	4	0	17	3	2	0	1	2	0	30
0600	3	0	0	1—10	0	1	1	0	2	14	3	2	1	0	0	0	24
				11—27	0	0	0	1	0	2	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	1	1	1	2	16	3	2	1	0	0	0	27
0900	0	0	0	1—10	0	2	0	0	2	1	2	0	4	7	6	4	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	2	2	0	0	2	1	2	0	4	7	6	4	30
1200	1	0	0	1—10	5	3	0	0	0	1	0	0	0	3	3	7	22
				11—27	1	1	0	0	1	0	0	0	0	0	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	6	4	0	0	1	1	0	0	0	3	4	10	29
1500	0	0	0	1—10	4	8	2	1	0	0	0	0	0	0	1	9	25
				11—27	1	4	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	5	12	2	1	0	0	0	0	0	0	1	9	30
1800	2	0	0	1—10	0	2	5	10	2	0	1	0	0	0	0	4	24
				11—27	1	0	1	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	1	2	6	11	2	0	1	0	0	0	0	5	28
2100	0	0	0	1—10	0	1	2	5	5	7	0	0	1	1	0	3	25
				11—27	0	0	0	0	2	3	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	0	1	2	5	7	10	0	0	1	1	0	3	30

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

ABU SUEIR (A) — NOVEMBER 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	20	0	0	1—10	0	0	2	0	1	0	1	0	4	1	0	1	10
				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	1	0	4	1	0	1	10
0300	21	0	0	1—10	0	0	1	1	1	1	0	0	2	2	1	0	9
				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	1	1	1	0	0	2	2	1	0	9
0600	20	0	0	1—10	1	0	0	0	1	1	0	1	3	2	1	0	10
				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	1	1	0	1	3	2	1	0	10
0900	3	0	1	1—10	1	3	4	3	2	1	0	0	0	4	0	4	22
				11—27	0	0	0	3	0	1	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	1	3	4	6	2	2	0	0	0	4	0	4	26
1200	1	0	0	1—10	3	8	6	2	1	0	0	0	0	0	2	0	22
				11—27	1	1	3	1	0	0	0	0	0	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	4	9	9	3	1	0	0	0	0	1	2	0	29
1500	2	0	0	1—10	5	7	3	0	0	0	0	0	0	0	0	3	18
				11—27	0	5	4	1	0	0	0	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	5	12	7	1	0	0	0	0	0	0	0	3	28
1800	3	0	0	1—10	4	11	7	0	1	0	0	0	0	0	0	3	26
				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	4	11	8	0	1	0	0	0	0	0	0	3	27
2100	21	0	0	1—10	3	1	3	0	0	0	0	0	0	0	0	1	8
				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	1	4	0	0	0	0	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

CAIRO (A) — NOVEMBER 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	3	0	0	1—10	1	1	9	7	1	1	0	1	0	0	1	2	24
				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	1	1	10	9	1	1	0	1	0	0	1	2	27
0300	4	0	0	1—10	0	7	7	4	0	0	2	0	0	1	0	1	22
				11—27	0	0	0	1	3	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	0	7	7	5	3	0	2	0	0	1	0	1	26
0600	7	0	0	1—10	0	4	6	4	0	0	1	0	1	2	1	1	20
				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	5	6	5	1	1	1	0	1	2	1	1	23
0900	2	0	0	1—10	2	7	5	0	0	0	0	1	0	0	3	7	25
				11—27	0	0	2	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	2	7	7	0	0	0	0	2	0	0	3	7	28
1200	0	0	0	1—10	6	3	2	0	0	0	0	1	1	0	3	4	20
				11—27	2	7	1	0	0	0	0	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	8	10	3	0	0	0	0	1	1	0	3	4	30
1500	0	0	0	1—10	9	5	1	0	0	0	0	0	0	0	4	5	24
				11—27	4	1	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	13	6	2	0	0	0	0	0	0	0	4	5	30
1800	0	0	0	1—10	5	3	15	2	1	0	0	0	0	0	1	0	27
				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	5	5	15	3	1	0	0	0	0	0	1	0	30
2100	0	0	0	1—10	1	4	11	10	1	0	1	0	0	0	1	0	29
				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	4	11	11	1	0	1	0	0	0	1	0	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) — NOVEMBER 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
0000	1	0	0	1—10	5	10	4	0	3	0	0	0	0	0	0	2
				11—27	0	1	1	2	0	0	0	0	0	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 speeds	**5**	**11**	**5**	**2**	**3**	**0**	**0**	**0**	**0**	**0**	**1**	**2**
0300	0	0	0	1—10	6	5	4	3	0	1	1	0	0	1	2	3
				11—27	0	0	2	1	0	0	0	0	0	0	0	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	**6**	**5**	**6**	**4**	**0**	**1**	**1**	**0**	**0**	**1**	**2**	**4**
0600	1	0	0	1—10	4	4	2	2	0	1	3	0	1	0	1	5
				11—27	1	0	3	2	0	0	0	0	0	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	**5**	**4**	**5**	**4**	**0**	**1**	**3**	**0**	**1**	**0**	**1**	**5**
0900	1	0	0	1—10	5	2	4	0	0	0	1	2	0	0	0	1
				11—27	0	2	9	2	0	0	1	0	0	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	**5**	**4**	**13**	**2**	**0**	**0**	**2**	**2**	**0**	**0**	**0**	**1**
1200	0	0	0	1—10	0	9	4	0	0	0	0	0	2	1	1	0
				11—27	1	4	7	1	0	0	0	0	0	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	**1**	**13**	**11**	**1**	**0**	**0**	**0**	**0**	**2**	**1**	**1**	**0**
1500	0	0	0	1—10	0	12	3	0	0	0	0	1	0	0	0	1
				11—27	0	8	4	0	0	0	0	0	0	0	0	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	**0**	**20**	**7**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**2**
1800	0	0	0	1—10	4	6	7	1	1	0	0	0	0	0	0	1
				11—27	1	5	4	0	0	0	0	0	0	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	**5**	**11**	**11**	**1**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**1**
2100	0	0	0	1—10	4	7	10	1	3	0	0	0	0	0	0	0
				11—27	0	2	2	0	1	0	0	0	0	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**	**9**	**13**	**1**	**4**	**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.

ALMAZA (A) — NOVEMBER 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	3	7	2	3	3	1	1	0	0	0	0	20
				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	3	7	3	4	4	1	1	0	0	0	0	23
0300	7	0	0	1—10	2	3	8	0	3	2	2	0	0	1	0	0	21
				11—27	0	0	0	0	0	2	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	3	8	0	3	4	2	0	0	1	0	0	23
0600	6	0	0	1—10	0	5	4	1	1	2	1	0	2	1	2	1	20
				11—27	0	0	0	2	1	1	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	0	5	4	3	2	3	1	0	2	1	2	1	24
0900	0	0	0	1—10	4	5	10	1	0	0	1	1	0	0	2	1	26
				11—27	0	0	1	3	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	5	11	4	0	0	1	1	0	0	2	1	30
1200	0	0	0	1—10	2	12	7	0	0	0	0	0	2	0	0	2	25
				11—27	0	1	4	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	2	13	11	0	0	0	0	0	2	0	0	2	30
1500	0	0	0	1—10	1	17	6	0	0	0	0	0	0	0	1	2	27
				11—27	0	0	3	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	1	17	9	0	0	0	0	0	0	0	1	2	30
1800	0	0	0	1—10	0	5	10	7	4	2	0	0	0	0	0	0	28
				11—27	0	0	0	2	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	5	10	9	4	2	0	0	0	0	0	0	30
2100	1	0	0	1—10	1	3	10	6	6	0	1	0	0	0	0	0	27
				11—27	0	0	0	2	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	1	3	10	8	6	2	1	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

ABBASIYA (H.Q)—NOVEMBER 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	3	2	1	2	1	0	0	1	0	0	0	1	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	3	2	1	2	1	0	0	1	0	0	0	1	11
0300	20	0	0	1—10	3	3	2	0	0	1	0	0	0	0	0	1	10
				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	3	2	0	0	1	0	0	0	0	0	1	10
0600	19	0	0	1—10	2	3	3	0	0	0	1	1	0	0	0	1	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	2	3	3	0	0	0	1	1	0	0	0	1	11
0900	2	0	0	1—10	5	6	4	1	0	0	1	1	1	0	4	5	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	5	6	4	1	0	0	1	1	1	0	4	5	28
1200	0	0	0	1—10	7	10	0	0	0	0	1	2	0	0	2	8	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	10	0	0	0	0	1	2	0	0	2	8	30
1500	1	0	0	1—10	20	4	0	0	0	0	0	0	0	0	1	4	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	20	4	0	0	0	0	0	0	0	0	1	4	29
1800	6	0	0	1—10	4	12	4	1	1	0	0	0	0	0	1	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	4	12	4	1	1	0	0	0	0	0	1	1	24
2100	10	0	0	1—10	7	8	1	2	0	0	0	0	0	0	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	7	8	1	2	0	0	0	0	0	0	1	1	20

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

GIZA — NOVEMBER 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	3	0	0	1–10	6	2	0	0	0	0	2	1	0	1	3	11	26
				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	6	2	1	0	0	0	2	1	0	1	3	11	27
0900	0	0	0	1–10	12	5	5	2	0	2	0	0	0	0	1	1	28
				11–27	1	0	1	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	13	5	6	2	0	2	0	0	0	0	1	1	30
1200	0	0	0	1–10	10	9	4	0	0	2	1	0	0	0	0	1	27
				11–27	0	3	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	10	12	4	0	0	2	1	0	0	0	0	1	30
1500	0	0	0	1–10	15	14	0	0	0	0	0	0	0	0	0	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	15	14	0	0	0	0	0	0	0	0	0	1	30
1800	5	0	0	1–10	6	13	2	1	0	0	0	0	0	0	1	1	24
				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	6	13	3	1	0	0	0	0	0	0	1	1	25
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 — NOVEMBER 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	10	0	0	1—10	3	4	1	0	0	0	0	0	0	0	1	2	11
				11—27	0	3	4	0	0	0	0	0	0	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	3	7	5	0	0	0	0	0	0	1	2	2	20
0300	8	0	0	1—10	0	10	3	0	1	0	0	0	0	0	0	1	15
				11—27	1	0	4	1	0	0	0	0	0	0	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	10	7	1	1	0	0	0	0	0	1	1	22
0600	12	0	0	1—10	3	5	1	0	1	0	0	0	0	0	1	1	12
				11—27	0	3	1	1	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	3	8	2	1	1	1	0	0	0	0	1	1	18
0900	3	0	0	1—10	3	1	1	0	0	1	2	0	0	0	6	3	17
				11—27	0	6	2	0	0	0	0	0	0	0	0	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	3	7	3	0	0	1	2	0	0	0	6	4	27
1200	3	0	0	1—10	3	2	2	0	0	0	0	0	2	2	2	2	14
				11—27	2	7	0	1	0	0	0	0	0	0	0	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	5	9	2	1	0	0	0	0	2	2	2	4	27
1500	1	0	0	1—10	5	2	1	0	0	1	0	0	0	1	1	4	15
				11—27	4	4	2	0	0	0	0	0	0	0	1	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	9	6	3	0	0	1	0	0	0	1	2	7	29
1800	1	0	0	1—10	3	2	2	0	0	1	0	0	0	0	0	0	8
				11—27	2	8	8	1	0	0	0	0	0	0	2	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	5	10	10	1	0	1	0	0	0	0	2	0	29
2100	4	0	0	1—10	4	2	6	0	0	0	0	0	0	0	0	2	14
				11—27	1	5	4	1	0	0	0	0	0	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	5	7	10	1	0	0	0	0	0	1	0	2	26

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

MINYA (A) — NOVEMBER 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	12	0	0	0	0	0	0	0	0	0	1	12	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	12	0	0	0	0	0	0	0	0	0	1	12	25
0300	5	0	0	1—10	16	0	0	0	0	0	0	0	0	1	2	4	24
				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	16	1	0	0	0	0	0	0	0	1	2	4	25
0600	7	0	0	1—10	12	1	1	0	0	1	1	0	0	0	0	7	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	12	1	1	0	0	1	1	0	0	0	0	7	23
0900	4	0	0	1—10	9	7	0	0	0	0	1	2	0	0	1	6	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	9	7	0	0	0	0	1	2	0	0	1	6	26
1200	4	0	0	1—10	8	4	0	0	0	0	1	0	0	0	2	7	22
				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	12	4	0	0	0	0	1	0	0	0	2	7	26
1500	6	0	0	1—10	15	3	0	0	0	0	0	0	0	0	0	6	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	15	3	0	0	0	0	0	0	0	0	0	6	24
1800	9	0	0	1—10	10	5	0	0	0	0	0	0	0	0	1	5	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	10	5	0	0	0	0	0	0	0	0	1	5	21
2100	6	0	0	1—10	10	1	0	0	0	0	0	0	0	1	2	7	21
				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	0	0	0	0	0	0	0	1	2	7	24

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

ASYOUT (A) — NOVEMBER 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	0	0	0	0	0	2	0	0	0	4	10	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	0	0	0	0	0	2	0	0	0	4	10	1	17
0300	10	0	0	1—10	0	0	0	0	1	2	1	0	0	2	14	0	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	1	2	1	0	0	2	14	0	20
0600	14	0	0	1—10	0	0	0	0	2	1	1	0	0	3	7	2	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	0	0	0	2	1	1	0	0	3	7	2	16
0900	14	0	0	1—10	3	0	0	1	2	0	0	0	0	0	2	7	15
				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	1	2	0	0	0	0	0	2	7	16
1200	7	0	0	1—10	4	0	1	0	0	1	1	0	0	0	1	13	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	4	0	1	0	0	1	1	0	0	0	1	15	23
1500	4	0	0	1—10	0	0	1	0	0	0	0	0	0	0	1	17	19
				11—27	0	0	0	0	0	0	0	0	0	0	0	7	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	1	0	0	0	0	0	0	0	1	24	26
1800	5	0	0	1—10	0	0	0	0	0	0	0	0	0	9	11	4	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	0	0	0	0	0	0	0	0	0	10	11	4	25
2100	13	0	0	1—10	1	0	0	0	0	0	0	0	0	7	8	2	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	1	0	0	0	0	0	0	0	0	7	8	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) — NOVEMBER 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	21	0	0	1—10	0	4	0	1	1	1	1	0	1	0	0	0	9
				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	4	0	1	1	1	1	0	1	0	0	0	9
0300	24	0	0	1—10	0	0	1	1	2	0	2	0	0	0	0	0	6
				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	1	2	0	2	0	0	0	0	0	6
0600	20	0	0	1—10	0	2	4	2	1	0	0	0	1	0	0	0	10
				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	4	2	1	0	0	0	1	0	0	0	10
0900	3	0	0	1—10	2	20	2	0	0	0	0	0	1	0	0	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	2	20	2	0	0	0	0	0	1	0	0	2	27
1200	1	0	0	1—10	10	17	0	0	0	0	1	0	0	0	0	1	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	10	17	0	0	0	0	1	0	0	0	0	1	29
1500	10	0	0	1—10	8	9	0	0	0	0	0	0	0	0	0	3	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	8	9	0	0	0	0	0	0	0	0	0	3	20
1800	9	0	0	1—10	1	4	0	2	2	1	0	4	3	1	0	1	19
				11—27	0	0	0	2	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	1	4	0	4	2	1	0	4	3	1	0	1	21
2100	12	0	0	1—10	1	8	1	0	0	0	0	3	3	2	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	8	1	0	0	0	0	3	3	2	0	0	18

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

ASWAN (A) — NOVEMBER 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	12	6	2	2	0	0	0	0	0	0	1	0	23
				11—27	5	1	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	17	7	2	2	0	0	0	0	0	0	1	0	29
0300	0	0	0	1—10	19	7	0	0	0	0	0	0	0	0	1	1	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	21	7	0	0	0	0	0	0	0	0	1	1	30
0600	1	0	0	1—10	15	11	0	0	0	0	0	0	0	0	0	1	27
				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	16	12	0	0	0	0	0	0	0	0	0	1	29
0900	1	0	0	1—10	3	17	5	0	0	0	0	0	0	0	0	0	25
				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	5	19	5	0	0	0	0	0	0	0	0	0	29
1200	1	0	0	1—10	8	7	7	3	1	0	0	0	0	0	0	1	27
				11—27	0	1	1	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	8	3	1	0	0	0	0	0	0	1	29
1500	0	0	0	1—10	12	5	3	1	2	0	0	0	0	0	0	1	24
				11—27	5	0	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	17	5	3	1	2	0	0	0	0	0	0	2	30
1800	0	0	0	1—10	7	4	2	2	0	0	0	0	0	0	0	4	21
				11—27	7	2	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	14	6	2	2	0	0	0	0	0	0	0	6	30
2100	0	0	0	1—10	9	5	9	1	1	0	0	0	0	0	0	0	25
				11—27	3	0	2	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	12	5	11	1	1	0	0	0	0	0	0	0	30

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

SIWA — NOVEMBER 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	1	0	3	5	3	0	0	0	0	0	1	0	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	1	0	3	5	3	0	0	0	0	0	1	0	13
0300	18	0	0	1—10	1	1	3	4	3	0	0	0	0	0	0	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	1	1	3	4	3	0	0	0	0	0	0	0	12
0600	18	0	0	1—10	0	0	1	3	5	1	0	0	0	1	0	1	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	1	3	5	1	0	0	0	1	0	1	12
0900	3	0	0	1—10	1	1	1	3	7	6	1	1	0	0	0	0	21
				11—27	0	0	1	1	2	2	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	1	1	2	4	9	8	1	1	0	0	0	0	27
1200	2	0	0	1—10	2	0	0	5	3	5	1	2	1	2	1	0	22
				11—27	0	0	0	0	1	4	1	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	2	0	0	5	4	9	2	2	1	2	1	0	28
1500	8	0	0	1—10	2	0	0	5	2	8	1	1	0	1	0	2	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	2	0	0	5	2	8	1	1	0	1	0	2	22
1800	17	0	0	1—10	0	0	3	1	4	2	0	0	0	0	0	2	12
				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	0	4	1	4	2	0	0	0	0	0	2	13
2100	14	0	0	1—10	3	1	1	7	2	0	0	0	0	0	0	0	16
				11—27	0	1	1	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	2	7	2	0	0	0	0	0	0	0	16

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

BAHARIYA — NOVEMBER 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	21	0	0	1—10	4	4	0	1	0	0	0	0	0	0	0	0	
				11—27	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	
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	
				All speeds	4	4	0	1	0	0	0	0	0	0	0	0	
0300	23	0	0	1—10	1	2	2	0	0	0	0	1	0	0	0	1	
				11—27	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	
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	
				All speeds	1	2	2	0	0	0	0	1	0	0	0	1	
0600	24	0	0	1—10	3	3	0	0	0	0	0	0	0	0	0	0	
				11—27	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	
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	
				All speeds	3	3	0	0	0	0	0	0	0	0	0	0	
0900	6	0	0	1—10	2	12	4	1	2	0	0	1	1	0	0	0	
				11—27	0	0	0	1	0	0	0	0	0	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	12	4	2	2	0	0	1	1	0	0	0	
1200	3	0	0	1—10	8	8	2	2	0	0	1	0	1	1	1	0	
				11—27	0	0	1	0	1	0	1	0	0	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	8	8	3	2	1	0	2	0	1	1	1	0	
1500	6	0	0	1—10	6	7	5	2	0	0	0	1	1	0	1	0	
				11—27	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	
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	
				All speeds	6	7	5	2	0	0	0	1	1	0	1	1	
1800	16	0	0	1—10	4	5	2	1	1	0	0	0	0	0	0	1	
				11—27	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	
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	
				All speeds	4	5	2	1	1	0	0	0	0	0	0	1	
2100	19	0	0	1—10	3	5	2	0	0	0	0	0	0	1	0	0	
				11—27	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	
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	
				All speeds	3	5	2	0	0	0	0	0	0	1	0	0	

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

FARAFRA — NOVEMBER 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	14	0	0	1—10	10	2	0	0	0	0	0	2	0	1	0	1	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	10	2	0	0	0	0	0	2	0	1	0	1	16
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	24	0	0	1—10	3	0	0	0	0	0	0	0	0	2	0	0	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	4	0	0	0	0	0	0	0	0	2	0	0	6
0900	9	0	0	1—10	0	8	4	5	0	0	0	0	0	2	0	0	19
				11—27	0	1	1	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	9	5	5	0	0	0	0	0	2	0	0	21
1200	6	0	0	1—10	2	7	7	2	1	0	1	0	0	0	0	0	20
				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	2	10	8	2	1	0	1	0	0	0	0	0	24
1500	2	0	0	1—10	4	9	8	1	0	0	1	0	0	1	0	2	26
				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	4	11	8	1	0	0	1	0	0	1	0	2	28
1800	9	0	0	1—10	14	3	0	1	1	0	0	0	0	0	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	14	3	0	1	1	0	0	0	0	0	1	1	21
2100	16	0	0	1—10	7	2	1	0	0	0	1	0	0	1	2	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	7	2	1	0	0	0	1	0	0	1	2	0	14

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

DAKHLA — NOVEMBER 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	1	0	0	0	0	2	2	6	5	7	2	1	
				11—27	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	
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	
				All speeds	**1**	**0**	**0**	**0**	**0**	**2**	**2**	**6**	**5**	**7**	**2**	**1**	
0300	8	0	1	1—10	0	0	0	1	0	1	3	1	3	5	6	1	
				11—27	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	
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	
				All speeds	**0**	**0**	**0**	**1**	**0**	**1**	**3**	**1**	**3**	**5**	**6**	**1**	
0600	4	0	0	1—10	2	0	0	0	2	4	2	1	0	6	7	2	
				11—27	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	
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	
				All speeds	**2**	**0**	**0**	**0**	**2**	**4**	**2**	**1**	**0**	**6**	**7**	**2**	
0900	0	0	0	1—10	3	4	1	5	2	0	0	0	1	3	6	5	
				11—27	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	
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	
				All speeds	**3**	**4**	**1**	**5**	**2**	**0**	**0**	**0**	**1**	**3**	**6**	**5**	
1200	0	0	0	1—10	6	2	0	2	3	4	1	0	1	2	4	5	
				11—27	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	
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	
				All speeds	**6**	**2**	**0**	**2**	**3**	**4**	**1**	**0**	**1**	**2**	**4**	**5**	
1500	1	0	0	1—10	7	4	0	1	0	1	1	0	0	2	4	9	
				11—27	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	
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	
				All peeds	**7**	**4**	**0**	**1**	**0**	**1**	**1**	**0**	**0**	**2**	**4**	**9**	
1800	1	0	0	1—10	4	2	0	1	0	0	1	0	1	1	9	16	
				11—27	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	
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	
				All speeds	**4**	**2**	**0**	**1**	**0**	**0**	**1**	**0**	**1**	**1**	**8**	**10**	
1200	2	0	0	1—10	0	0	0	0	1	1	5	2	7	6	4	2	
				11—27	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	
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	
				All speeds	**0**	**0**	**0**	**0**	**1**	**1**	**5**	**2**	**7**	**6**	**4**	**2**	

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

KHARGA — NOVEMBER 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	26	0	0	1—10	4	0	0	0	0	0	0	0	0	0	0	0	4
				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	0	0	0	0	0	0	0	0	4
0300	29	0	0	1—10	1	0	0	0	0	0	0	0	0	0	0	0	1
				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	0	0	0	0	0	0	0	1
0600	19	0	0	1—10	10	1	0	0	0	0	0	0	0	0	0	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	1	0	0	0	0	0	0	0	0	0	0	11
0900	6	0	0	1—10	12	7	1	0	0	0	0	0	0	0	0	1	21
				11—27	2	0	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	14	7	2	0	0	0	0	0	0	0	0	1	24
1200	10	0	0	1—10	11	4	1	2	0	0	0	0	0	0	0	0	18
				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	12	5	1	2	0	0	0	0	0	0	0	0	20
1500	18	0	0	1—10	12	0	0	0	0	0	0	0	0	0	0	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	12	0	0	0	0	0	0	0	0	0	0	0	12
1800	25	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 speeds	5	0	0	0	0	0	0	0	0	0	0	0	5
2100	27	0	0	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

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

TOR — NOVEMBER 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	9	7	1	0	0	0	0	0	0	0	0	0	17
				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	7	1	0	0	0	0	0	0	0	0	0	18
0300	18	0	0	1—10	5	4	1	0	0	0	0	0	0	0	0	1	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	5	4	1	0	0	0	0	0	0	0	0	1	12
0600	7	0	0	1—10	4	17	0	1	0	0	0	0	0	0	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	17	0	1	0	0	0	0	0	0	0	1	23
0900	9	0	0	1—10	0	0	0	0	0	0	0	0	0	6	11	2	19
				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	0	0	0	0	0	0	0	0	6	12	3	21
1200	4	0	0	1—10	0	0	0	0	0	0	0	0	1	9	12	1	23
				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	0	0	0	0	0	0	0	0	1	9	15	1	26
1500	12	0	0	1—10	0	0	0	0	0	0	0	0	1	3	9	2	15
				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	0	0	0	0	0	0	0	0	1	4	11	2	18
1800	19	0	0	1—10	0	1	2	1	0	1	0	0	0	1	5	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	0	1	2	1	0	1	0	0	0	1	5	0	11
2100	21	0	0	1—10	2	5	0	1	0	0	0	0	0	0	1	0	9
				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	0	1	0	0	0	0	0	0	1	0	9

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

HURGHADA — NOVEMBER 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	0	10	12	1	23
				11—27	0	0	0	0	0	0	0	0	0	3	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	0	0	0	0	0	0	0	0	0	13	15	2	30
0300	0	0	0	1—10	0	0	0	0	0	0	0	0	1	8	11	2	22
				11—27	0	0	0	0	0	0	0	0	0	1	6	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	0	0	0	0	0	0	0	0	1	9	17	3	30
0600	2	0	0	1—10	0	0	0	0	0	0	0	0	0	3	13	2	18
				11—27	0	0	0	0	0	0	0	0	0	2	6	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	0	0	0	0	0	0	0	0	0	5	19	4	28
0900	0	0	0	1—10	5	0	0	2	0	0	0	0	0	0	1	7	15
				11—27	1	0	0	0	0	0	0	0	0	0	0	14	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	0	2	0	0	0	0	0	0	1	21	30
1200	0	0	0	1—10	6	11	3	0	0	0	0	0	0	0	0	2	22
				11—27	7	0	0	0	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	13	11	3	0	0	0	0	0	0	0	0	3	30
1500	6	0	0	1—10	4	1	2	3	3	0	0	0	0	0	2	5	20
				11—27	0	0	0	0	0	0	0	0	0	0	0	4	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	3	3	0	0	0	0	0	2	9	24
1800	2	0	0	1—10	0	0	0	0	0	0	1	1	2	8	10	1	23
				11—27	0	0	0	0	0	0	0	0	0	0	5	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	0	0	1	1	2	8	15	1	28
2100	2	0	0	1—10	0	0	0	0	0	0	0	0	1	7	15	1	23
				11—27	0	0	0	0	0	0	0	0	0	0	4	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	0	0	0	0	1	7	19	1	28

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

QUSEIR — NOVEMBER 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	0	0	0	0	0	0	1	17	8	0	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	0	0	0	0	0	0	0	0	1	17	9	0	27
0300	1	0	0	1—10	0	0	0	0	0	0	0	0	1	19	7	0	27
				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	0	0	0	0	0	0	0	0	1	20	7	1	29
0600	0	0	0	1—10	0	0	0	0	0	0	0	0	0	14	4	5	23
				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	0	0	0	14	5	10	30
0900	0	0	0	1—10	4	2	0	2	0	0	0	0	0	0	1	2	10
				11—27	8	1	0	0	0	0	0	0	0	0	0	10	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	12	3	0	2	0	0	0	0	0	0	1	12	30
1200	0	0	0	1—10	8	5	0	0	0	0	0	0	0	0	0	0	13
				11—27	9	1	2	0	0	0	0	0	0	0	0	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	17	6	2	0	0	0	0	0	0	0	0	5	30
1500	2	0	0	1—10	16	4	1	0	0	0	0	0	0	0	0	5	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	18	4	1	0	0	0	0	0	0	0	0	5	28
1800	9	0	0	1—10	1	0	0	0	0	0	0	0	0	12	7	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	1	0	0	0	0	0	0	0	0	12	7	1	21
2100	5	0	0	1—10	0	0	0	2	0	0	0	0	0	19	2	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	0	0	0	2	0	0	0	0	0	19	2	2	25

TABLE B 1.—UPPER AIR CLIMATOLOGICAL DATA

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

Pressure surface (millibar)	Altitude of pressure surface (gpm.)				Temperature (°C)				Dew point (°C)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
		*	*	*						
Surface	29	1014mb.	1018mb.	1007mb.	29	19.2	22.5	16.4	29	16.1
1000	29	165	196	103	28	19.2	22.0	15.9	28	15.2
850	29	1550	1592	1498	28	13.6	17.5	6.8	28	— 0.3
700	29	3158	3212	3081	29	3.7	7.4	0.3	23	— 6.1
600	29	4390	4457	4298	29	— 5.6	— 1.5	—18.6	25	—13.0
500	29	5795	5873	5684	29	—15.3	—11.7	—20.0	19	—20.8
400	29	7444	7529	7300	29	—27.1	—23.0	—31.9	15	—30.9
300	29	9450	9549	9284	29	—42.8	—37.6	—47.5	2	—44.6
200	29	12071	12202	11851	29	—60.3	—55.0	—67.0	—	—
150	29	13843	14005	13560	29	—64.8	—59.0	—73.1	—	—
100	26	16307	16478	15920	26	—66.2	—59.5	—73.3	—	—
60	17	19446	19631	19259	17	—60.6	—53.0	—64.7	—	—
40	14	21992	22173	21829	14	—57.8	—53.3	—61.0	—	—
30	10	23808	24003	23632	10	—55.7	—53.2	—58.4	—	—
20	8	26441	26610	26337	8	—53.0	—50.5	—56.0	—	—
10	1	30855	—	—	1	—50.1	—	—	—	—

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

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

TABLE B 1.—UPPER AIR CLIMATOLOGICAL DATA

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

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	1013mb.	1018mb.	1010mb.	30	24.0	27.0	22.3	30	17.0
1000	30	163	198	129	30	22.8	26.8	20.9	30	15.5
850	30	1559	1601	1510	30	15.4	18.6	9.2	29	1.8
700	30	3176	3231	3112	30	4.9	8.4	2.0	23	— 5.1
600	30	4413	4479	4350	30	— 3.6	— 1.0	— 6.9	21	—11.7
500	30	5828	5901	5756	30	—13.7	—10.5	—17.1	18	—20.0
400	30	7487	7571	7397	30	—25.5	—23.1	—29.0	11	—29.7
300	30	9508	9611	9393	30	—41.3	—37.1	—46.1	2	—40.4
200	30	12143	12253	12017	30	—59.0	—51.1	—63.0	—	—
150	30	13927	14038	13793	30	—63.7	—58.0	—69.1	—	—
100	27	16394	16508	16306	27	—65.0	—59.5	—69.3	—	—
60	14	19540	19614	19460	14	—59.8	—57.6	—66.3	—	—
40	5	22065	22136	22005	5	—55.7	—54.3	—57.2	—	—
30	3	23900	23986	23851	3	—54.6	—53.1	—56.2	—	—
20	1	26600	—	—	1	—52.9	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—

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

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

TABLE B 1.—UPPER AIR CLIMATOLOGICAL DATA

HELWAN — 0000 U.T. — NOVEMBER 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.	*1003mb.	*995mb.	28	19.8	27.5	16.7	28	10.6
1000	28	140	166	100	16	18.9	21.5	13.5	16	10.0
850	28	1539	1566	1502	28	16.3	20.5	9.4	25	— 1.5
700	28	3159	3206	3110	28	5.6	9.4	2.4	16	— 7.4
600	28	4400	4460	4348	28	— 3.2	— 0.1	— 6.5	15	—13.9
500	28	5817	5888	5754	28	—13.4	—10.9	—16.0	14	—23.0
400	28	7477	7559	7394	28	—25.9	—23.3	—29.1	13	—31.3
300	28	9494	9603	938[illegible]	28	—41.8	—38.6	—45.4	2	—41.6
200	27	12127	12259	11998	27	—59.4	—54.0	—62.8	—	—
150	25	13903	14052	13792	25	—64.7	—59.3	—70.0	—	—
100	21	16375	16494	16289	21	—66.4	—62.4	—70.1	—	—
60	16	19495	19619	19419	16	—61.1	—58.5	—63.6	—	—
40	10	22048	22183	21948	10	—56.8	—54.3	—58.8	—	—
30	7	23867	24035	23775	7	—5[illegible].5	—52.5	—65.8	—	—
20	5	264[illegible]4	26643	26355	5	—54.3	—49.9	—58.9	—	—
10	3	30894	30910	3[illegible]8[illegible]7	3	—48.4	—46.8	—50.3	—	—

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. — NOVEMBER 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	*999mb	*1002mb.	*995mb.	30	28.5	35.4	24.5	30	6.7
1000	30	131	158	100	12	25.9	29.2	24.5	12	7.6
850	30	1538	1565	1502	30	16.4	21.9	10.3	23	— 3.7
700	30	3157	3196	3120	30	5.6	9.4	0.3	18	—10.1
600	30	4400	4450	4351	30	— 3.2	0.2	— 6.5	19	—15.7
500	30	5819	5880	5757	30	—13.1	— 9.8	—16.2	15	—26.2
400	30	7474	7554	7400	30	—25.8	—19.6	—29.2	12	—33.3
300	30	9492	9593	9401	30	—41.7	—39.2	—49.1	3	—43.0
200	29	12127	12229	11990	29	—59.2	—54.6	—63.2	—	—
150	24	13898	14013	13777	24	—64.6	—60.1	—71.3	—	—
100	20	16352	16461	16243	20	—67.3	—61.6	—77.6	—	—
60	9	19497	19612	19333	9	—59.4	—53.6	—63.0	—	—
40	5	22027	22148	21974	5	—56.1	—53.0	—59.3	—	—
30	3	23866	23999	23796	3	—56.1	—52.5	—58.8	—	—
20	1	26636	—	—	1	—49.8	—	—	—	—
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. — NOVEMBER 1962

Pressure surface (millibar)	Altitude of pressure surfaces (gpm.)				Temperature (°C)				Dew point (C°)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
Surface of station . .	30	* 991mb.	* 993mb.	* 988mb.	30	21.2	25.0	17.2	30	5.7
1000	—	—	—	—	—	—	—	—	—	—
850	30	1518	1539	1499	30	17.1	21.0	12.0	25	0.9
700	30	3136	3171	3095	30	5.4	9.7	1.4	12	—10.8
600	30	4380	4427	4323	30	— 1.9	1.3	— 6.9	3	—16.8
500	30	5804	5860	5743	30	—11.5	— 8.1	—14.8	1	—22.4
400	30	7477	7540	7411	30	—24.1	—19.2	—29.7	3	—30.2
300	30	9515	9593	9440	30	—38.0	—36.1	—41.8	—	—
200	29	12181	12296	12083	29	—56.7	—51.6	—61.5	—	—
150	29	13965	14079	13847	29	—65.7	—59.1	—69.8	—	—
100	29	16388	16466	16263	29	—71.8	—67.0	—75.2	—	—
60	26	19439	19519	19324	26	—64.1	—61.3	—67.8	—	—
40	22	21958	22058	21817	22	—59.5	—54.7	—64.2	—	—
30	10	23795	23908	23683	10	—54.7	—45.7	—62.2	—	—
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

ASWAN (A) — 1200 U.T. — NOVEMBER 1962

Pressure surface (millibar)	Altitude of pressure surfaces (gpm.)				Temperature (°C)				Dew point (°C)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
Surface of station . .	30	* 990mb.	* 993mb.	* 987mb.	30	33.0	36.5	28.6	30	4.7
1000	—	—	—	—	—	—	—	—	—	—
850	30	1530	1557	1503	30	19.5	24.3	14.9	22	— 2.9
700	30	3161	3206	3120	30	7.5	11.7	4.2	11	—12.8
600	30	4412	4473	4362	30	0.1	2.8	— 2.4	3	—13.3
500	30	5846	5923	5783	30	— 9.7	5.5	—14.5	2	—20.8
400	30	7531	7621	7439	30	—22.2	—18.1	—26.3	2	—27.1
300	30	9580	9694	9450	30	—37.7	—32.0	—42.8	1	—44.2
200	30	12267	12435	12077	30	—55.7	—51.3	—62.0	—	—
150	28	14071	14246	13971	28	—64.6	—60.0	—68.3	—	—
100	27	16510	16686	16352	27	—70.4	—66.1	—74.7	—	—
60	20	19486	19736	19355	20	—63.6	—58.1	—74.9	—	—
40	10	22139	22288	22077	10	—56.5	—53.4	—61.4	—	—
30	2	23970	23991	23950	2	—59.8	—55.0	—64.7	—	—
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. — NOVEMBER 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)	3661 (29)	657 (29)	— 8.4 (23)	4160	621	—16.4	3170	696	—	12247 (28)	195 (28)	—62.1 (28)	14000	147	—66.6	10770	244	—55.4	13600	158	280	120
Helwan	3932 (28)	636 (28)	—12.6 (16)	4420	602	—14.7	3460	674	—	11886 (27)	208 (27)	—59.3 (27)	13850	153	—63.7	10820	246	—53.3	13200	169	250	120
swan . . . (A)	4049 (30)	625 (30)	—15.5 (5)	4690	578	—	3240	686	—	14671 (29)	136 (29)	—69.5 (29)	17830	79	—74.4	12270	194	—62.2	16800	94	270	155

N = The num er 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. — NOVEMBER 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)	3831 (30)	647 (30)	— 8.1 (21)	4290	610	—	3000	716	—	11909 (30)	209 (30)	—59.0 (30)	13780	155	—68.2	10680	252	—47.7	12000	204	250	111
Helwan	3930 (30)	636 (30)	—12.7 (18)	4460	597	—	3180	698	— 5.8	11570 (24)	219 (24)	—57.5 (24)	13070	172	—66.5	9700	293	—41.2	12700	184	290	130
Aswan . . . (A)	4428 (30)	599 (30)	—18.7 (1)	4900	569	—	3800	645	—	14444 (28)	143 (28)	—66.8 (28)	16694	100	—72.5	12100	203	—57.2	12000	227	270	194

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. — NOVEMBER 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	0	—	3	9	2	6	3	7	4	5	4	7	1	6	1	10	1	8	6	6	0	—	0	—	4	29	6
1000	0	—	3	9	2	6	3	7	4	5	4	7	1	6	1	10	1	8	6	6	0	—	0	—	4	29	6
850	1	8	4	12	7	14	4	11	1	12	0	—	4	13	1	18	0	—	1	14	3	13	2	10	0	28	13
700	3	14	1	9	1	15	1	6	0	—	1	10	2	27	5	15	4	32	2	13	4	20	4	9	0	28	17
600	0	—	0	—	0	—	0	—	1	7	0	—	0	—	4	18	10	22	5	19	6	17	1	18	0	27	18
500	0	—	0	—	0	—	0	—	0	—	0	—	0	—	5	27	8	26	8	20	7	25	0	—	0	28	24
400	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	42	9	29	15	25	2	40	0	—	0	28	28
300	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	30	7	30	14	37	4	34	0	—	0	27	34
200	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	32	4	55	17	46	2	46	0	—	0	25	46
150	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	7	50	9	53	2	60	0	—	0	18	52
100	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	3	52	9	48	0	—	0	—	0	12	49
60	0	—	0	—	0	—	0	—	0	—	0	—	0	—	6	—	0	—	2	30	0	—	0	—	0	2	30
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. — NOVEMBER 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	3	11	7	9	2	14	9	11	2	10	0	—	0	—	1	6	0	—	0	—	0	—	6	10	0	30	10
1000	3	11	7	9	2	14	9	11	2	10	0	—	0	—	1	6	0	—	0	—	0	—	6	10	0	30	10
850	1	12	3	10	7	14	2	16	2	10	0	—	4	10	2	16	3	17	2	8	2	10	2	12	0	30	12
700	4	13	2	6	0	—	2	4	0	—	1	11	3	8	5	15	2	29	5	23	0	—	6	18	0	30	15
600	0	—	0	—	0	—	0	—	0	—	0	—	1	7	9	17	4	25	5	19	9	18	2	16	0	30	18
500	0	—	0	—	0	—	0	—	0	—	0	—	0	—	3	24	13	22	6	25	5	26	1	12	2	30	21
400	0	—	0	—	0	—	0	—	0	—	0	—	0	—	5	30	9	29	11	29	4	38	0	—	1	30	29
300	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	55	13	31	10	31	5	42	0	—	0	30	34
200	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	32	10	41	11	41	4	65	0	—	0	27	44
150	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	5	34	10	43	2	51	0	—	0	17	41
100	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	3	41	2	32	0	—	0	—	0	5	37
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. — NOVEMBER 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	3	8	5	11	7	14	2	4	0	—	0	—	0	—	0	—	0	—	0	—	1	20	1	5	9	28	7
1000	1	5	4	12	6	13	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	20	1	5	3	16	10
850	3	9	2	12	7	10	3	5	1	17	1	3	4	12	2	10	0	—	1	14	1	12	2	16	1	28	10
700	2	8	1	19	2	20	2	4	2	8	1	7	2	8	2	9	6	11	2	16	3	21	3	5	0	28	11
600	1	11	2	10	1	3	1	10	0	—	0	—	0	—	1	13	9	14	4	28	6	18	3	12	0	28	16
500	1	13	0	—	0	—	0	—	0	—	0	—	0	—	3	8	5	19	10	25	8	18	1	9	0	28	19
400	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	6	20	7	23	10	27	5	23	0	28	24
300	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	7	37	8	28	11	40	2	30	0	28	35
200	1	35	0	—	0	—	0	—	0	—	0	—	0	—	0	—	4	46	11	43	7	58	2	40	0	25	47
150	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	3	59	13	53	8	53	0	—	0	24	54
100	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	4	68	6	33	4	45	0	—	0	14	46
60	0	—	0	—	0	—	1	12	0	—	0	—	0	—	0	—	0	—	2	15	1	16	0	—	0	4	14
40	0	—	0	—	1	20	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	6	0	—	0	2	13
30	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	—
20	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	24	0	—	0	—	0	1	24
10	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	86	0	—	0	1	86

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. — NOVEMBER 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	7	13	7	12	3	10	0	—	0	—	0	—	0	—	1	3	3	6	1	2	2	8	4	12	2	30	10
1000	4	10	4	13	1	15	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	6	2	12	0	12	11
850	3	8	3	11	6	9	4	8	2	6	1	3	1	16	4	6	2	14	2	12	2	10	0	—	0	30	9
700	6	8	4	7	2	5	0	—	3	10	1	7	3	7	0	—	4	14	1	25	2	16	4	11	0	30	10
600	5	10	1	9	2	9	1	12	1	4	0	—	1	7	2	11	2	12	3	24	6	22	6	7	0	30	13
500	1	10	0	—	0	—	0	—	0	—	0	—	0	—	2	8	4	18	7	18	13	22	3	11	0	30	18
400	0	—	0	—	0	—	0	—	0	—	0	—	1	14	0	—	5	27	9	25	8	30	7	18	0	30	25
300	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	5	29	11	33	9	36	4	32	0	29	33
200	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	3	47	16	42	8	70	2	42	0	29	50
150	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	3	52	9	40	6	72	1	29	0	19	51
100	0	—	0	—	0	—	0	—	0	—	0	—	1	10	0	—	1	47	6	35	4	52	0	—	0	12	39
60	0	—	1	10	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	16	0	—	0	3	14
40	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	14	0	—	1	11	0	2	12
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. — NOVEMBER 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	10	8	10	7	9	5	9	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	30	9
1000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
850	4	15	5	14	8	12	8	12	2	8	0	—	0	—	1	6	0	—	0	—	2	14	0	—	0	30	13
700	3	18	6	8	8	13	4	14	1	9	0	—	0	—	0	—	1	15	2	10	2	6	3	10	0	30	12
600	2	14	6	10	1	21	3	7	1	6	1	25	1	8	1	7	3	10	1	4	4	10	6	17	0	30	12
500	6	14	4	20	1	11	1	19	0	—	0	—	0	—	2	18	3	14	5	10	3	26	4	28	1	30	17
400	2	16	3	26	0	—	0	—	0	—	0	—	0	—	1	6	3	26	10	24	5	29	5	46	1	30	27
300	3	16	1	19	0	—	0	—	0	—	0	—	0	—	0	—	3	37	11	42	7	40	5	57	0	30	40
200	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	21	11	73	7	63	4	48	1	25	59
150	0	—	0	—	0	—	0	—	0	—	0	—	1	43	0	—	2	80	8	86	11	73	1	31	0	23	75
100	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	9	85	2	118	2	91	0	13	91
60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

N = The number of cases the wind has been observed form 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. — NOVEMBER 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	16	8	3	10	3	7	4	7	0	—	0	—	0	—	0	—	0	—	0	—	0	—	3	9	1	30	8
1000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
850	5	6	10	12	7	12	5	10	1	10	0	—	1	11	0	—	0	—	0	—	1	5	0	—	0	30	10
700	2	18	6	14	5	14	8	13	0	—	2	6	0	—	0	—	2	7	0	—	2	12	3	4	0	30	12
600	7	19	4	20	5	15	2	8	1	14	1	13	1	11	2	20	1	16	1	5	1	10	4	12	0	30	15
500	10	16	2	14	0	—	0	—	1	26	0	—	0	—	2	15	1	11	6	16	4	22	4	20	0	30	17
400	5	15	1	12	2	24	0	—	1	21	0	—	0	—	1	22	0	—	9	37	10	25	1	15	0	30	26
300	0	—	0	—	1	10	0	—	0	—	0	—	0	—	0	—	1	46	13	48	8	44	6	24	0	29	41
200	1	19	0	—	0	—	0	—	0	—	0	—	0	—	1	122	0	—	10	80	9	58	4	40	0	25	65
150	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	50	12	74	7	76	2	60	0	22	72
100	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	27	4	59	6	73	1	67	0	12	64
60	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	34	0	—	1	78	0	—	0	3	49
40	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	22	0	—	0	1	22
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 STATIONS

GIZA — NOVEMBER 1962

This month was warm and slightly dry as compared with the normal values of air temperature and humidity at Giza during November.

The mean air temperature at 2 metres above ground was (+2.5°C) above normal which is the highest mean temperature during the months of November since 1956, when the Report was first issued.

Mean relative humidity was (— 3%) below normal and total rainfall was (—3.2 mms) below normal.

The month was characterized by two warm spells. The first one was between the 1st. and the 3rd. days of the month and gave the remarkably high absolute maximum for the month (37.7°C), associated with the lowest relative humidity on the 1st. day of the month. The 2nd. warm spell was prolonged, it occurred between the 11th. and the end of the month with its peak on the 16th.

The absolute minimum air temperature at 5 c ms above dry, wet and grass fields were the highest for November since the year 1956.

The extreme maximum and the extreme minimum soil temperatures at all depths in the different standard fields were higher than the corresponding values for November 1961. In the dry field the deviations of the extreme maxima varied between 11.3°C at 1 cm depth and 0.3°C at 300 cms depth; the deviations of the extreme minima from last Novermber varied between 6.6°C at 0.3 cm depth and 0.5°C at 300 cms depth.

The daily mean wind speed at 2 metres was slightly higher (+ 0.2 m/sec.) than the corresponding value for last November.

The mean daily values of Piche evaporation, water pan evaporation, potential evaporation and potential evapotranspiration varied from the corresponding values for November 1961 by + 2.1, + 0.44, — 0.2, + 0.6 mms respectively. The total actual duration of bright sunshine was 16.4 hours less than the corresponding value for last November.

TAHRIR — NOVEMBER 1962

This month was characterized by two intense heat waves on the 1st. and 3rd. The first was unusually severe for the season ; yielding the extreme maximum temperature and minimum relative humidity which were respectively 8.3°C above, and 14% less than the corresponding values for the same month last year. It yielded also the lowest vapour pressure and the highest Piche evaporation.

The month as a whole was appreciably warmer than November of last year.

The deviations in the values of mean air temperature, mean vapour pressure and total actual sunshine duration from the corresponding values for November last year were + 2.7°C, + 2.0 mms and — 8.2 hours respectively, while mean relative humidity, mean wind speed at 2 metres above ground, and total solar radiation experienced insignificant deviations. Mean Piche evaporation was 7.8 mms against 6.6 mms last year, and total rainfall was drops against 0.8 mm last year.

The extreme values of soil temperature from the surface to one metre depth varied from the corresponding values for November 1961 by + 7.9°C to + 2.0°C for the maxima and + 4.8°C to +2.8°C for the minima.

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

GIZA — NOVEMBER 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	37.7	13.8	23.8	18.3	29.6	24.0	24.0	24.0	24.0	21.5	15.5	9.0	5.5	1.5	0.0	0.0
2	30.5	16.1	23.7	19.8	26.0	24.0	24.0	24.0	24.0	24.0	16.5	14.5	0.0	0.0	0.0	0.0
3	37.2	20.5	27.1	25.4	30.7	24.0	24.0	24.0	24.0	24.0	24.0	14.0	7.0	1.5	0.0	0.0
4	28.0	18.9	23.0	22.3	24.7	24.0	24.0	24.0	24.0	24.0	24.0	6.5	0.0	0.0	0.0	0.0
5	26.0	13.3	20.3	19.4	22.2	24.0	24.0	24.0	24.0	22.0	13.0	0.5	0.0	0.0	0.0	0.0
6	26.0	13.3	20.4	18.2	22.1	24.0	24.0	24.0	24.0	21.5	13.5	3.5	0.0	0.0	0.0	0.0
7	27.2	14.6	20.8	19.5	22.8	24.0	24.0	24.0	24.0	24.0	13.5	4.5	0.0	0.0	0.0	0.0
8	26.6	13.7	19.9	18.6	22.2	24.0	24.0	24.0	24.0	22.5	13.0	2.5	0.0	0.0	0.0	0.0
9	26.1	13.4	19.7	17.6	22.1	24.0	24.0	24.0	24.0	19.0	12.5	2.5	0.0	0.0	0.0	0.0
10	27.5	15.1	21.0	18.9	23.0	24.0	24.0	24.0	24.0	24.0	13.5	6.0	0.0	0.0	0.0	0.0
11	29.2	14.6	21.2	19.0	23.7	24.0	24.0	24.0	24.0	23.0	13.0	7.0	0.0	0.0	0.0	0.0
12	29.5	16.2	22.9	19.9	25.4	24.0	24.0	24.0	24.0	24.0	15.5	9.5	0.0	0.0	0.0	0.0
13	30.0	18.7	23.5	22.0	25.3	24.0	24.0	24.0	24.0	24.0	20.0	8.5	0.0	0.0	0.0	0.0
14	28.2	18.1	22.7	21.8	24.1	24.0	24.0	24.0	24.0	24.0	17.5	6.5	0.0	0.0	0.0	0.0
15	27.9	18.3	22.2	21.4	23.9	24.0	24.0	24.0	24.0	24.0	15.0	5.0	0.0	0.0	0.0	0.0
16	32.8	16.8	22.6	21.1	25.7	24.0	24.0	24.0	24.0	24.0	14.5	7.0	1.5	0.0	0.0	0.0
17	30.6	15.0	21.3	18.7	24.8	24.0	24.0	24.0	24.0	24.0	11.0	6.5	0.5	0.0	0.0	0.0
18	30.1	13.5	21.6	17.5	24.8	24.0	24.0	24.0	24.0	18.5	15.5	8.0	0.0	0.0	0.0	0.0
19	30.0	17.2	22.3	21.0	25.0	24.0	24.0	24.0	24.0	24.0	13.0	6.5	0.0	0.0	0.0	0.0
20	27.5	15.8	20.7	20.2	22.4	24.0	24.0	24.0	24.0	24.0	8.5	4.0	0.0	0.0	0.0	0.0
21	30.1	12.1	20.0	17.1	23.7	24.0	24.0	24.0	24.0	18.0	10.0	6.0	0.0	0.0	0.0	0.0
22	27.5	14.4	20.1	18.0	22.1	24.0	24.0	24.0	24.0	23.5	10.5	4.0	0.0	0.0	0.0	0.0
23	27.1	14.3	19.1	18.5	21.5	24.0	24.0	24.0	24.0	21.5	8.5	3.5	0.0	0.0	0.0	0.0
24	26.7	13.4	18.6	16.3	20.7	24.0	24.0	24.0	24.0	16.0	9.5	3.0	0.0	0.0	0.0	0.0
25	26.7	12.7	18.6	17.0	21.1	24.0	24.0	24.0	24.0	16.0	9.5	3.5	0.0	0.0	0.0	0.0
26	25.8	11.6	18.5	16.4	20.6	24.0	24.0	24.0	24.0	16.0	10.0	2.5	0.0	0.0	0.0	0.0
27	24.8	12.2	17.5	17.0	19.0	24.0	24.0	24.0	24.0	14.5	9.0	0.0	0.0	0.0	0.0	0.0
28	25.8	11.7	17.5	15.7	20.4	24.0	24.0	24.0	24.0	12.0	9.0	1.0	0.0	0.0	0.0	0.0
29	25.6	8.6	17.0	14.3	19.5	24.0	24.0	24.0	20.0	13.5	8.5	0.5	0.0	0.0	0.0	0.0
30	25.0	11.2	17.4	15.9	19.8	24.0	24.0	24.0	24.0	14.5	8.5	0.0	0.0	0.0	0.0	0.0
31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	720.0	720.0	720.0	716.0	625.5	395.5	156.0	14.0	3.0	0.0	0.0
Mean	28.5	14.8	20.8	18.9	23.3	24.0	24.0	24.0	23.9	20.8	13.2	5.2	0.5	0.1	0.0	0.0

Highest Maximum at 2 Metres 37.7°C on 1st — Highest Minimum at 2 Metres 26.5°C on 3rd

Lowest Maximum at 2 Metres 24.8°C on 27th — Lowest Minimum at 2 Metres 8.6°C on 29th

Absolute Minimum Temperature at 5 cms. Above Dry Soil 7.4 °C on 29th

" " " " " Wet Soil 8.2 °C on 29th

" " " " " Grass 6.2 °C on 29th

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

TAHRIR — NOVEMBER 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	38.1	16.6	24.9	20.8	28.9	24.0	24.0	24.0	24.0	24.0	17.0	10.0	6.5	1.0	0.0	0.0
2	29.1	19.5	24.2	22.4	26.1	24.0	24.0	24.0	24.0	24.0	23.5	10.0	0.0	0.0	0.0	0.0
3	35.6	20.4	26.0	23.4	29.3	24.0	24.0	24.0	24.0	24.0	24.0	11.5	6.0	0.0	0.0	0.0
4	27.1	17.3	22.0	22.0	24.1	24 0	24.0	24.0	24.0	24.0	15.0	5.0	0.0	0.0	0.0	0.0
5	27.4	14.8	19.6	18.2	22.4	24.0	24.0	24.0	24.0	23.5	10.0	1.0	0.0	0.0	0.0	0.0
6	26.6	13.0	19.4	16.2	22.0	24.0	24.0	24.0	24.0	18.5	11.0	1.5	0 0	0.0	0.0	0.0
7	26.4	14.9	20.0	18.1	22.9	24.0	24.0	24.0	24.0	24.0	11.0	4.0	0 0	0.0	0.0	0.0
8	27.6	14.6	19.7	17.4	22.6	24.0	24.0	24.0	24.0	22.5	10.5	2.0	0.0	0.0	0.0	0.0
9	26.9	14.4	19.9	17.5	22.6	24.0	24.0	24.0	24.0	23.5	10.5	1.5	0.0	0.0	0.0	0.0
10	27.4	14.7	20.4	17.9	23.2	24.0	24.0	24.0	24.0	24.0	10.0	4.5	0.0	0.0	0.0	0.0
11	27.3	14.1	20.4	17.7	23.6	24.0	24.0	24.0	24.0	21.0	12.5	5.0	0.0	0.0	0.0	0.0
12	29.0	16.4	22.1	19.1	25.1	24.0	24.0	24.0	24.0	24.0	15.0	7.0	0.0	0.0	0.0	0.0
13	28.8	16.3	21.8	19.8	24.4	24.0	24.0	24.0	24.0	24.0	13.0	6.5	0.0	0.0	0.0	0.0
14	28.4	17.3	21.6	19.8	24.1	24.0	24.0	24.0	24.0	24.0	12.0	5.5	0.0	0.0	0.0	0.0
15	29.1	14.8	20.8	18.6	23.9	24.0	24.0	24.0	24.0	24.0	11.0	6.5	0.0	0.0	0.0	0.0
16	29.8	16.7	21.6	19.1	24.4	24.0	24.0	24.0	24.0	24.0	12.0	6.0	0.0	0.0	0.0	0.0
17	30.9	14.6	21.0	18.9	23.9	24.0	24.0	24.0	24.0	22.5	12.0	6.0	0.0	0.0	0.0	0.0
18	28.2	14.5	21.1	18.6	23.9	24.0	24.0	24.0	24.0	23.0	13.0	7.0	0.0	0.0	0.0	0.0
19	28.8	18.6	22.4	20.4	24.8	24.0	24.0	24.0	24.0	24.0	15.5	6.0	0.0	0.0	0.0	0.0
20	28.4	16.9	21.4	20.4	23.6	24.0	24.0	24.0	24.0	24.0	11.0	5.5	0.0	0.0	0.0	0.0
21	31.0	12.9	20.5	17.5	24.2	24.0	24.0	24.0	24.0	19.5	11.5	6.5	0.0	0.0	0.0	0.0
22	29.1	15.6	21.0	18.7	24.1	24.0	24.0	24.0	24.0	24.0	11.0	5.5	0.0	0.0	0.0	0.0
23	28.7	13.8	19.8	17.7	23.3	24.0	24.0	24.0	24.0	18.4	10.0	5.5	0.0	0.0	0.0	0.0
24	28.2	13.0	19.6	16.8	23.6	24.0	24.0	24.0	24.0	17.0	10.0	6.0	0.0	0.0	0.0	0.0
25	27.6	13.8	19.3	16.3	23.4	24.0	24.0	24.0	24.0	16.0	9.5	6.0	0.0	0.0	0.0	0.0
26	26.6	9.8	18.1	15.2	22.0	24.0	24.0	24.0	24.0	14.5	9.0	4.0	0.0	0.0	0.0	0.0
27	26.9	12.2	18.4	15.6	22.5	24.0	24.0	24.0	24.0	14.0	9.0	4.5	0.0	0.0	0.0	0.0
28	26.4	12.4	18.1	15.1	22.2	24.0	24.0	24.0	24.0	13.0	9.0	4.0	0.0	0.0	0.0	0.0
29	26.8	10.0	17.5	13.9	21.7	24.0	24.0	24.0	24.0	13.5	8.5	3.5	0.0	0.0	0.0	0.0
30	25.9	10.2	17.5	14.5	20.9	24.0	24.0	24.0	24.0	15.0	8.0	2.5	0.0	0.0	0.0	0.0
31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	720.0	720.0	720.0	720.0	631.5	365	160	12.5	1	0.0	0.0
Mean	28.6	14.8	20.7	18.3	23.8	24.0	24.0	24.0	24.0	21.0	12.2	5.3	0.4	0.03	0.0	0.0

Highest Maximum at 2 Metres 38.1°C on 1st — Highest Minimum at 2 Metres 0.4°C on 3rd

Lowest Maximum at 2 Metres 25.9°C on 30th — Lowest Minimum at 2 Metres 9.8°C on 26th

Absolute Minimum Temperature at 5 cms. Above Dry Soil 7.4 °C 29th

" " " " " 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 — NOVEMBER 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		mount of rainfall ni 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	1.1	0.3	2.2	363	9.3	11.0	85	0	5	58	22	11.4	9.8	13.3	6.39	0
2	0.8	0.2	1.6	188	2.9	11.0	26	0	1	62	44	13.3	12.9	12.8	5.32	0
3	1.9	1.8	2.1	337	10.0	11.0	91	0	2	55	31	12.2	12.3	13.9	6.05	0
4	2.5	1.8	3.5	282	7.4	10.9	68	5	9	76	55	15.1	14.6	9.5	4.99	0
5	1.9	1.3	2.8	363	9.6	10.9	88	4	8	70	46	11.5	10.8	10.0	5.10	0
6	1.9	1.2	2.9	328	9.1	10.9	83	0	8	69	47	11.6	11.3	9.7	4.96	0
7	1.9	1.2	3.0	327	9.3	10.8	86	0	8	77	49	12.9	12.5	9.4	5.28	0
8	1.6	0.8	2.7	335	9.4	10.8	87	0	10	75	52	12.8	12.9	8.2	4.61	0
9	1.6	0.8	2.6	329	9.6	10.8	89	5	10	78	53	13.0	12.6	8.4	3.99	0
10	2.2	1.6	3.1	339	9.7	10.8	90	6	10	78	43	12.6	11.1	9.4	5.59	0
11	2.7	2.1	3.5	328	8.5	10.8	79	7	11	84	39	13.0	11.1	10.3	4.97	0
12	2.6	2.0	3.4	278	6.9	10.7	64	5	9	78	43	13.9	12.3	12.3	6.65	0
13	3.0	2.9	3.1	335	9.7	10.7	91	0	11	81	46	15.4	14.1	9.8	5.44	0
14	2.5	2.1	2.9	318	9.1	10.7	85	5	12	80	56	15.7	15.6	7.2	3.81	0
15	2.7	1.8	4.0	303	7.6	10.6	72	8	13	83	60	15.6	15.8	8.2	4.76	0
16	1.9	1.6	2.1	311	10.0	10.6	94	0	12	81	40	13.9	12.6	7.9	3.94	0
17	1.2	0.6	2.1	298	7.1	10.6	67	0	5	70	28	10.8	8.7	7.8	4.52	0
18	0.7	0.1	1.6	215	4.2	10.6	40	4	10	70	36	12.2	11.1	8.6	4.49	0
19	1.9	1.5	2.5	280	7.7	10.6	73	8	13	86	56	16.0	16.8	6.0	3.50	0
20	1.9	1.8	2.1	245	6.2	10.6	58	9	16	90	61	14.6	15.4	4.3	2.97	0
21	1.0	0.1	2.2	290	8.6	10.5	82	7	11	84	29	11.1	8.9	8.9	4.45	0
22	2.0	1.3	2.9	261	5.6	10.5	53	7	12	76	45	12.2	11.6	8.6	4.18	0
23	1.8	1.6	2.1	307	6.3	10.5	60	8	12	80	43	11.4	10.9	6.4	3.66	0
24	1.7	0.9	2.8	264	6.4	10.5	61	6	12	78	54	12.1	13.2	6.1	3.09	0
25	2.4	1.7	3.5	286	7.6	10.5	72	8	11	79	47	11.0	11.8	9.1	4.40	0
26	2.5	1.9	3.2	302	8.2	10.4	79	7	11	84	51	11.9	12.2	6.7	3.85	0
27	2.2	1.7	3.0	256	6.4	10.4	62	9	13	77	44	10.1	9.8	6.5	2.95	0
28	2.1	1.3	3.1	293	9.3	10.4	89	7	12	74	37	9.5	8.8	8.6	5.35	0
29	2.0	1.5	2.7	300	8.2	10.4	79	6	11	78	41	9.7	9.8	8.5	3.12	0
30	2.1	1.7	2.6	300	9.2	10.4	88	6	11	79	51	11.0	11.6	6.3	3.54	0
31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	8951	239.1	319.9	2241	137	299	—	—	—	—	262.7	135.92	0
Mean	1.9	1.4	2.7	298	8.0	10.7	75	4.6	10	76	45	12.6	12.1	8.8	4.53	—

Maximum Amount of Rainfall in one day . . . . . 0.0 mms, on —

Lowest Value of Relative Humidity . . . . . 18 % on 1st & 3rd

Highest Value of Vapour Pressure . . . . . 18.1 mms. on 4th

Lowest Value of Vapour pressure . . . . . 7.6 mms. on 26th

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 — NOVEMBER 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	1.9	2.4	333	9.8	11.0	89	4	8	64	14	10.9	6.5	12.5	8.64	0.0
2	2.2	1.7	3.0	163	1.8	11.0	16	3	7	84	38	17.7	17.1	8.2	5.27	tr.
3	2.8	2.6	3.0	315	10.0	10.9	92	1	5	65	25	12.4	6.7	12.4	8.35	0.0
4	3.5	2.8	4.2	340	9.1	10.9	83	7	8	76	47	13.4	12.0	9.8	7.80	0.0
5	2.7	2.1	3.6	307	9.0	10.9	83	1	7	70	53	11.5	12.2	8.8	6.28	0.0
6	1.9	1.4	2.7	323	8.8	10.8	81	0	10	74	48	12.0	11.7	7.0	5.45	0.0
7	2.3	1.6	3.4	306	9.8	10.8	91	8	12	81	51	12.9	12.6	7.2	5.60	0.0
8	2.4	1.6	3.5	293	9.0	10.8	83	8	11	80	52	12.7	12.6	7.9	6.31	0.0
9	2.3	1.6	3.4	286	8.4	10.8	78	1	12	81	53	13.0	12.5	6.3	4.37	0.0
10	2.7	2.0	3.6	304	10.2	10.8	94	8	12	84	51	13.8	12.7	8.1	5.86	0.0
11	3.1	2.1	4.3	311	9.5	10.7	89	6	13	84	52	14.4	13.8	8.3	5.82	0.0
12	3.2	2.2	4.6	276	8.1	10.7	76	9	14	88	49	15.6	14.3	8.4	6.25	0.0
13	2.9	2.4	3.6	275	7.1	10.7	66	11	16	92	55	16.3	15.7	5.9	3.70	0.0
14	2.0	1.3	2.9	301	9.3	10.6	88	11	16	94	50	15.6	14.0	5.6	4.15	0.0
15	2.4	1.6	3.6	275	7.0	10.6	66	10	14	88	49	14.3	14.3	7.5	4.89	0.0
16	2.7	2.1	3.6	256	7.1	10.6	67	10	15	94	58	16.8	16.9	5.6	3.63	0.0
17	1.6	1.3	2.0	264	6.0	10.6	57	10	13	88	36	13.2	11.5	5.7	3.80	0.0
18	1.6	1.2	2.2	187	3.1	10.6	29	8	13	91	42	14.0	11.8	6.1	4.12	0.0
19	2.5	1.8	3.6	233	5.3	10.6	50	12	16	96	57	17.2	16.6	5.2	4.55	0.0
20	1.8	1.8	1.8	250	6.9	10.5	66	9	13	86	52	14.2	14.3	4.7	3.30	0.0
21	1.5	0.9	2.3	285	8.4	10.5	80	9	12	82	28	11.4	8.5	7.5	5.67	0.0
22	2.2	1.8	2.7	221	4.4	10.5	42	8	14	89	44	13.9	12.6	7.2	5.25	0.0
23	1.9	1.5	2.5	287	8.6	10.5	82	6	13	83	32	11.0	9.0	8.8	6.84	0.0
24	2.7	1.7	4.1	299	9.5	10.4	91	10	14	88	41	12.3	11.5	9.3	6.97	0.0
25	3.0	1.9	4.4	301	10.0	10.4	96	8	13	86	39	11.9	10.6	9.9	6.24	0.0
26	2.5	1.6	3.8	301	9.9	10.4	95	9	14	93	40	12.2	10.4	7.5	5.20	0.0
27	2.6	1.6	3.9	284	9.6	10.4	92	8	12	83	40	11.0	10.5	8.5	5.65	0.0
28	2.5	1.8	3.5	284	9.7	10.4	93	2	10	82	39	10.6	9.6	7.6	5.71	0.0
29	2.2	1.5	3.2	283	9.7	10.4	93	9	14	88	34	10.6	8.6	7.5	5.19	0.0
30	2.8	1.8	4.2	295	9.8	10.4	94	10	14	88	43	10.0	10.3	7.9	5.53	0.0
31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	8438	244.9	319.2		316	365	—	—	—	—	232.9	166.33	tr.
Mean	2.4	1.8	3.3	281.3	8.2	10.6	77	7.2	12.2	84	44	13.3	12.0	7.8	5.54	—

Maximum Amount of Rainfall In One Day . . . . . tr. mms. on 2 nd

Lowest Value of Relative Humidity . . . . . 14 % on 1 st

Highest Value of Vapour Pressure . . . . . 19.2 mms. on 2 rd

Lowest Value of Vapour Pressure . . . . . 6.5 mms. on 1 st

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

GIZA — NOVEMBER 1962

Depth in cms.	Dry Soil		Wet Soil		Grass	
	Highest °C	Lowest °C	Highest °C	Lowest °C	Highest °C	Lowest °C
0.3	51.6	9.4	29.2	10.9	27.4	13.8
1	50.3	10.2	27.9	10.8	25.9	13.6
2	46.0	11.5	26.9	11.2	25.1	13.6
5	35.8	14.6	26.0	12.8	24.5	15.2
10	30.9	18.6	25.2	14.7	23.8	16.6
20	28.2	22.0	23.7	16.7	23.0	18.4
50	28.5	24.3	22.7	19.3	23.8	20.6
100	29.2	26.5	23.3	21.3	24.2	22.2
200	28.8	27.8	23.7	22.9	24.6	23.9
300	27.6	27.4	—	—	—	—

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

TAHRIR — NOVEMBER 1962

Depth in cms.	Dry Soil		Wet Soil		Grass	
	Highest °C	Lowest °C	Highest °C	Lowest °C	Highest °C	Lowest °C
0.3	43.3	8.8	—	—	—	—
1	43.3	9.4	—	—	—	—
2	42.7	10.0	—	—	—	—
5	37.9	11.8	—	—	—	—
10	33.3	14.6	—	—	—	—
20	28.8	18.4	—	—	—	—
50	26.8	21.6	—	—	—	—
100	27.6	24.0	—	—	—	—
200	27.6	25.9	—	—	—	—
300	27.5	26.4	—	—	—	—
600	26.0	26.0	—	—	—	—

TABLE C 4—NUMBER OF DAYS OF SURFACE WIND SPEED REACHING OR EXCEEDING SPECIFIED LIMITS OF VELOCITY

GIZA — NOVEMBER 1962

10	knots	or	above	28	Days	30	knots	or	above	0	Days
15	„	„	„	4	„	35	„	„	„	0	„
20	„	„	„	0	„	40	„	„	„	0	„
25	„	„	„	0	„	The highest gust 22 knots on 26th					

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THE EGYPTIAN METEOROLOGICAL AUTHORITY
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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 "The Meteorological Institute for Research and Training" and the Operational Divisions of the Meteorological Authority.

TECHNICAL NOTES

As from October 1970, the Meteorological Authority 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 ARAB REPUBLIC OF EGYPT

MONTHLY WEATHER REPORT

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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

DECEMBER 1962

Generally warm during periods (1st - 4th), (14th - 18th) and (25th - 31st), particularly foggy in early morning over northern and middle parts. Rather cold otherwise, light rainy and thundery in the north between (5th - 16th) and generally dusty and stormy between (18th - 23rd)

THE MAIN FEATURES

— Abnormally high maximum temperatures for few days at the beginning, in the mid and at the end of the month, two rather cold spells otherwise.

— Abnormally high relative humidity over the northern and middle parts between 26th—30th, appreciably subnormal relative humidity otherwise.

— Subnormal monthly rainfall in general with marked deficiency in the northern and middle parts of the Republic.

— Seven transits of Mediterranean secondary depressions through East Mediterranean. Remarkable fall in barometric pressure on the 18th ranging between 17mbs over the northern parts of the Republic and 7 mbs over the extreme southern parts.

— Occasional thundery rain over the northern parts between 5th & 14th. Widespread rising sand and sandstorms between the 18th & 21st with gales.

— Foggy in the early morning in the northern and middle parts during periods (1st—4th) & (25th—31st).

GENERAL DESCRIPTION OF WEATHER

The prevailing weather was generally warm during the periods (1st—4th), (14th—18th) & (25th-31st) respectively; in addition it was frequently misty or foggy in the early morning over the northern and middle parts of the Republic.

During the period (5th—14th), the prevailing weather was rather mild over the middle and southern parts and was generally rather cold elsewhere ; though in particular it was light rainy over the Mediterranean coastal strip where rain was associated with thunderstorms particularly on the 5th, (7th—11th) and was preceded by instability rising sand and sandstorms on the 5th, 9th, 12th & 13th.

More outstanding was the dusty weather that prevailed in general between the 18th & 23rd where southwest gales overrun the northern and middle parts both of which suffered from severe sandstorms.

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)						Reliative humidty (%)		Total rainfall (mm	
			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 . .	1015.9	— 1.9	20.7	— 0.9	10.7	— 0.6	15.4	— 0.8	63	—11	23.2	—14.1
Lower Egypt . .	1016.8	— 1.0	21.9	+ 0.6	8.8	0.0	15.4	+ 0.3	61	—16	5.9	— 9.5
Cairo Area. . . .	1017.3	— 0.8	21.4	+ 0.8	9.9	+ 0.3	15.6	+ 0.6	52	—15	0.0	— 8·4
Upper Egypt. . .	1017.5	— 0.4	23.0	— 0.2	7.9	— 0.3	15.4	— 0.2	52	— 8	0.1	— 1.9
Western Desert . .	1018.0	— 0.6	22.3	+ 0.4	5.4	— 1.4	13.8	— 0.9	43	—14	0.0	— 0.3
Red Sea	1016.1	— 0.3	23.9	+ 1.0	12.9	+ 0.3	18.4	+ 0.6	51	— 8	0.0	— 2.8

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 characteristic pressure systems of the surface map this month can be summarized in the following :

— The Siberian anticyclonic ridge over the Caspian and Black Seas.

— The Azores anticyclonic ridge over Europe, West Mediterranean and North Africa.

— The travelling deep Atlantic low pressure systems through West Europe eastwards or northeastwards.

— The Mediterranean secondary low pressure systems.

At both the 700 & 500 mb levels, a deep upper low over north Atlantic with a southward upper trough through middle latitudes showed a marked prevalence this month, together with a high pressure belt between 30°N & 10°N.

During this month six secondary depressions developed over Central Mediterranean round the 1st, 3rd, 6th, 10th, 17th & 20th and two secondaries appeared over West Mediterranean round the 13th & 25th respectively.

The first three Central Mediterranean secondary depressions were rather shallow but they proceeded eastwards rapidly and attained Cyprus round the 3rd, 5th & 8th respectively where they filled up. The fourth Central Mediterranean secondary depression was shallow and slow, it attained Cyprus on the 13th. The fifth Central Mediterranean depression was markedly deep, it proceeded rapidly through East Mditerranean following a rather northeast track and attained Central Asia Minor round the 19th where it filled up rapidly on the 20th. The sixth Central Mediterranean depression was also remarkably deep but was stationary till the 23rd when it started filling while proceeding rapidly northeastwards attaining Central Asia Minor by the 24th.

The 1st West Mediterranean depression was rather deep, it was attached to a deep primary low pressure system through north Europe. It traversed Central Mediterranean on the 14th, then it attained north Greece on the 15th following a rather northeast track. On the 16th it amalgamated completely with the deep primary low pressure system northwards but its attached cold front traversed East Mediterranean. The second West Mediterranean depression was shallow, it proceeded rapidly eastwards, traversed Central Mediterranean by the 27th and Asia Minor by the 28th following a rather northeast track.

It is worthy to mention that the fifth Central Mediterranean depression caused a subnormal remarkable fall in the barometric pressure of about 17 mbs, 11 mbs & 7 mbs respectively over the northern, middle & southern parts of the Republic.

SURFACE WIND

The prevailing surface winds were moderate / fresh SWly and Sly most of the month with the exception of the 1st, 4th and period (24th—30th) during which light / moderate Nly winds blew over the Republic.

Fresh/strong winds blew occasionally for short periods in many days over scattered localities particularly over the Mediterranean & Lower Egypt.

Calms were frequent most night and early morning intervals over scattered localities of the Republic particularly of Lower Egypt, Cairo Area, Western Desert & Upper Egypt districts.

Gales were reported at Sallum on the 18th, 19th & 22nd ; Sidi Barrani, Mersa Matruh, & Ras El Hikma on the 5th ; Dabaa on the 5th 12th 18th, 19th & 22nd and at Ras El Teen, Alexandria, Tor, Wadi El Natrun, Fayed, Kabrit & Farafra on the 18th.

TEMPERATURE

Air temperatures were slightly subnormal round the periods (5th—13th) & (19th—24th ; otherwise they were to a moderate extent above normal.

Maximum temperature ranged generally between 18°C & 29°C.

The absolute maximum temperature for the Republic was 32.9°C reported at Kharga on the 3rd.

Minimum temperature ranged between 7°C & 13°C over the northern parts, between 3°C & 9°C over the middle parts and between 5°C & 16°C over the southern parts.

The absolute minimum temperature for the Republic was -1.7°C reported at Dakhla on the 14th.

PRRCIPITATION

During this month rain was light and confined to the northern Mediterranean coastal strip with the exception of Alexandria and Ghazza areas where it was heavy in particular on some days. Rain fell mostly between the 5th & 14th and its monthly total was generally subnormal, and showed a marked deficiency over the Mediterranean coastal district.

The absolute monthly rainfall for the Republic was 68.1 mms reported at Dekheila & Mex where the absolute daily rainfall was 29.6 mms reported at Dekheila on the 6th.

MISCELLANEOUS WEATHER PHENOMENA

Hail fell at : Alexandria on the 9th ; Ghazza on the 5th and at Abu Sueir on the 18th.

Thunderstorms occurred at : Dekheila on the 8th ; Ras El Teen & Alexandria on the (8th—10th) ; El Arish on the 7th ; and at Ghazza on the 5th, 7th & 8th.

Rain fell at : Sallum on the 3rd, 5th, 9th & 10th; Sidi Barrani on the 3rd, (5th—9th) & 12th ; Mersa Matruh on the 5th, 6th, 8th & 9th ; Ras El Hikma on the 6th, 8th & 9th ; Dabaa on the 6th, 8th & 9th ; Dekheila on the (5th—9th) ; Ras El Teen on the (5th—10th) ; Alexandria on the (5th—10th), 13th & 25th; Balteam on the 5th, 6th, (8th—10th), 12th, 13th, 16th & 25th ; Damietta on the 6th, 7th & 13th ; Port Said on the 7th & 8th ; El Arish on the 5th, 7th, 8th & 10th ; Ghazza on the (5th—8th) & 13th ; Tanta on the 9th ; Damanhour on the 8th & 9th ; Tahrir & Inshas on the 6th ; Aswan on the 22nd and at Abu Redes on the 18th.

Mist patches developed at : Ras El Teen on the 2nd ; Alexandria on the 3rd ; Balteam on the 30th ; Damietta on the 15th, 30th, 31st ; Port Said on the 7th, 14h, 15th & (25th—29th) ; El Arish on the 1st, 2nd, 26th, 28th, 29th & 31st ; Mansoura on the 1st, 3rd, 4th, 15th, 16th, 25th, 28th, 29th & 31st ; Tahrir on the 3rd & 15th ; Shebin El Kom on the 2nd, 3rd, 29th & 31st ; Abu Sueir on the 3rd, 4th, 7th, 15th & (26th—28th) ; Banha on the 1st ; Zaher on the (26th—28th) & 30th ; Inshas on the 3rd, 28th, 30th & 31st ; Fayed on the 28th & 30th ; Kabrit on the 1st, 2nd & 28th ; Cairo on the 1st, 26th, 27th, & 30th ; Mostafa Helmi, on the 4th, (26th—28th) & 31st ; Almaza on the 1st, 26th, 28th, 30th & 31st ; Abbasiya on the 15th & (26th—28th) ; Imbaba on the 15th, (26th—29th) & 31st ; Giza on the 3rd & 29th ; Minya on the 2nd, 3rd, 24th & 29th ; Asyout on the 26th, 28th & 29th ; Luxor on the 29th and at Quseir on the 19th.

Fog patches developed at : Alexandria on the 2nd & (29th—31st) ; Port Said on the 2nd, 30th & 31st ; Mansoura on the 2nd & 30th ; Tahrir on the 1st, 2nd & (29th—31st) ; Shebin El Kom on the 30th ; Abu Sueir on the 1st, 2nd & (29—31st) ; Banha on the 2nd & (29th—31st); Zaher on the 1st, 2nd & 29th ; Wadi El Natrun on the 2nd & 31st ; Inshas on the 1st, 2nd & 29th ; Fayed on the 2nd ; Kabrit on the (29th—31st) ; Cairo on the 2nd, 28th, 29th & 31st ; Mostafa Helmi on the 1st, 2nd, 29th & 30th; Almaza on the 2nd & 29th ; Abbasiya on the 1st, 2nd, 29th & 31st ; Imbaba on the 1st, 2nd & 30th ; Giza on the 1st, 2nd, 30th & 31st ; Helwan on the 2nd, (27th—29th) & 31st ; Beni Suef on the 1st and at Minya & Asyout on the 27th & 31st.

Local rising sand or dust was reported at : Sallum on the 11th, 12th, 18th, 19th, & (21st—23rd) ; Sidi Barrani on the 11th, 12th, 14th, 19th, 20th & 22nd ; Mersa Matruh on the 3rd, 5th, 12th & (18th—23rd) ; Ras El Hikma on the 3rd, 5th, 9th, 12th, 18th, 19th & (21st — 23rd) ; Dabaa on the 5th, 9th, 12th, 18th & (21st—23rd) ; Dekheila on the 5th, 12th, 13th, 18th, 19th & 22nd ; Ras El Teen on the 5th, 12th & (18th—21st); Alexandria on the 5th, 9th, 12th, (18th—20th) & 22nd ; Balteam on the 18th & 19th ; Damietta on the 19th ; Port Said on the 5th, 9th, (18th-20th) & 22nd; El Arish on the 5th, 12th, 13th, 17th, 18th, 20th, & 22nd; Ghazza on the 16th, (18th—20th) & 22nd ; Mansoura on the 9th, 12th & 18th ; Tahrir on the 9th, 12th, 18th, 19th & 22nd; Shebin EL Kom on the 18th & 19th ; Abu Sueir on the 5th, 8th, 9th, (11th—13th), 16th, 18th, 19th & 22nd ; Banha on the 18th ; Zaher on the 4th, 5th, (7th—13th), (16th—20th), 22nd & 23rd; Wadi El Natrun on the 5th, 9th, 12th, 18th, 19th & 22nd ; Inshas on the 5th, 8th, (9th—12th), (16th—20th), 22nd & 24th ; Fayed on the 9th, 16th, 18th, & 23rd ; Kabrit on the 18th ; Cairo on the 4th, 6th 10th, 16th, (18th-23rd); Mostafa Helmi on the 9th, (18th—20th) 22nd & 23rd ; Almaza on the 4th, 10th, 18th, 19th, 22nd & 23rd ; Abbasiya on the 9th, 18th & 20th ; Imbaba on the 18th, 19th & 22nd; Giza, Helwan, Fayoum & Asyout on the 18th & 19th; Beni Suef & Minya on the 18th; Aswan on the 19th & 20th; Siwa on the 18th, 19th & 22nd ; Bahariya and Farafra on the 18th & 19th ; Dakhla on the 19th ; Kharga on the 10th & 19th ; Abu Redes on the 18th & 19th ; Tor on the 18th; Hurghada on the 19th & 20th and at Quseir on the 21st & (29th—31st).

Sand or dustsorms blew over : Sallum on the 18th, 19th & 22nd ; Sidi Barrani on the 18th ; Mersa Matruh on the 12th, 18th, 19th & (21st—23rd) ; Ras El Hikma on the 18th & 21st ; Dabaa on the 5th, 12th, 18th, 19th, 21st & 22nd ; Dekheila, Ras El Teen, Alexandria & Port Said on the 18th & 19th ; Damietta, El Arish, Ghazza & Mansoura on the 19th ; Tahrir on the 6th, 18th & 19th ; Abu Sueir on the 18th & 19th ; Zaher on the 12th, 18th & 19th ; Wadi El Natrun on the 18th ; Inshas on the 12th, 18th & 19th ; Fayed, Kabrit, Cairo, Mostafa Helmi, Almaza & Abbasiya on the 18th & 19th ; Helwan, Fayoum & Asyout on the 18th ; Siwa & Bahariya on the 18th & 19th ; Frarfa, Dakhla, Kharga, Abu Redes & Tor on the 18th and over Hurghada on the 29th.

Chairman (M. F. TAHA)

Board of Directors

Cairo, June 1972

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

DECEMBER 1962

District	Station	Altitude of Hp (metres)	Mean 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
Mediterranean	Sallum	6.0	1014.2	— 2.6	1014.4	— 3.0	1013.7	— 2.9	1014.4	— 2.9	5.2	1014.7	— 2.6	1014.9	— 3.0	1014.2	— 2.9	1014.9	— 2.9
	Sidi Barrani	23.3	1012.2	— 2.4	1012.2	— 2.8	1011.1	— 2.8	1012.1	— 2.6	23.3	1014.8	— 2.4	1014.8	— 2.8	1013.7	— 2.8	1014.7	— 2.6
	Mersa Matruh (A)	30.0	1012.0	— 2.1	1012.3	— 2.2	1011.2	— 2.2	1012.3	— 2.1	30.0	1015.7	— 2.1	1016.0	— 2.2	1014.9	— 2.2	1016.0	— 2.1
	Ras El Hikma	45.8	1010.4	—	1011.0	—	1009.1	—	1010.5	—	45.8	1016.0	—	1016.6	—	1014.6	—	1016.1	—
	Dabaa	18.0	1013.1	—	1013.7	—	1012.3	—	1013.6	—	17.8	1015.1	—	1015.7	—	1014.3	—	1015.6	—
	Dekheila (A)	6.0	1016.0	—	1016.4	—	1015.1	—	1016.1	—	5.9	1016.7	—	1017.1	—	1015.8	—	1016.8	—
	Ras El Teen	8.4	1015.6	—	1015.9	—	1014.7	—	1015.8	—	8.4	1016.6	—	1016.9	—	1015.7	—	1016.8	—
	Alexandria (A)	7.0	1015.7	— 1.0	1016.0	— 1.2	1014.6	— 1.5	1015.8	— 1.2	6.8	1016.5	— 1.0	1016.8	— 1.2	1015.4	— 1.5	1016.6	— 1.2
	Balteam	2.0	1016.2	—	1016.8	—	1015.4	—	1016.4	—	2.0	1016.4	—	1017.0	—	1015.6	—	1016.6	—
	Damietta	5.0	1016.4	—	1016.8	— 0.8	1015.2	— 1.0	1016.4	— 0.4	5.0	1016.6	—	1017.2	— 0.8	1015.6	— 1.0	1016.8	— 0.4
	Port Said (A)	6.1	1015.6	— 0.8	1016.2	— 0.8	1014.9	— 0.9	1015.9	— 0.8	6.1	1016.3	— 0.8	1016.9	— 0.8	1015.6	— 0.9	1016.6	— 0.8
	El Arish	17.1	1015.0	— 0.8	1015.8	— 1.0	1014.2	— 1.6	1015.1	— 1.1	17.1	1016.9	— 0.8	1017.7	— 1.0	1016.1	— 1.6	1017.0	— 1.1
	Ghazza	15.7	1014.8	—	1015.6	—	1014.2	—	1014.9	—	15.7	1016.7	—	1017.5	—	1016.0	—	1016.8	—
Lower Egypt	Mansoura	4.0	1016.3	—	1017.4	— 0.4	1015.7	— 0.2	1016.6	— 0.4	3.6	1016.7	—	1017.8	— 0.4	1016.1	— 0.2	1017.0	— 0.4
	Damanhour	6.7	1016.2	—	1016.5	— 1.4	1015.0	— 1.4	1015.8	— 1.2	6.7	1016.9	—	1017.2	— 1.4	1015.7	— 1.4	1016.5	— 1.2
	Gimmeiza	8.9	—	—	1016.3	—	1015.1	—	1015.6	—	8.9	—	—	1017.3	—	1016.1	—	1016.6	—
	Tanta	14.8	1014.9	—	1015.5	— 1.9	1013.8	— 1.9	1015.2	— 1.6	15.4	1016.1	—	1016.7	— 1.9	1015.0	— 1.9	1016.4	— 1.6
	Tahrir	17.8	1014.5	—	1015.2	—	1013.4	—	1014.7	—	16.0	1016.7	—	1017.4	—	1015.6	—	1016.6	—
	Shebin El Kom	13.8	1015.1	—	1016.0	— 1.1	1014.1	— 1.4	1015.2	— 1.2	13.8	1016.6	—	1017.5	— 1.1	1015.6	— 1.4	1016.7	— 1.2
	Zagazig	13.0	1015.9	—	1016.4	— 0.8	1014.7	— 0.9	1016.0	— 0.6	13.0	1017.5	—	1018.0	— 0.8	1016.3	— 0.9	1017.6	— 0.6
	Abu Sueir (A)	16.0	1015.3	—	1016.2	—	1014.2	—	1015.7	—	16.0	1017.3	—	1018.2	—	1016.1	—	1017.6	—
	Banha	14.9	1015.0	—	1015.4	—	1014.0	—	1015.2	—	14.9	1016.8	—	1017.6	—	1015.8	—	1017.0	—
	Zaher (A)	30.0	1012.5	—	1013.1	—	1011.5	—	1012.5	—	30.0	1016.2	—	1016.8	—	1015.1	—	1016.2	—
	Wadi El Natrun	0.9	1017.7	—	1018.1	— 0.5	1016.4	— 0.6	1017.8	— 0.3	0.9	1017.8	—	1018.2	— 0.5	1016.5	— 0.6	1017.9	— 0.3
	Inshas (A)	25.5	1012.7	—	1013.5	—	1011.5	—	1012.9	—	25.6	1015.7	—	1016.6	—	1014.6	—	1016.0	—
	Fayed (A)	22.5	1015.0	—	1016.0	—	1013.9	—	1015.4	—	22.5	1017.6	—	1018.6	—	1016.4	—	1018.0	—
	Kabrit (A)	7.6	1016.3	—	1017.1	—	1015.0	—	1016.3	—	7.6	1017.7	—	1018.5	—	1016.3	—	1017.7	—

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

DECEMBER 1962

District	Station	Altitude of Hp (metres)	Main 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	1009.3	— 1.1	1010.1	— 1.0	1008.3	— 1.3	1009.5	— 1.0	74.6	1017.2	— 1.0	1018.0	— 0.9	1015.9	— 1.3	1017.4	— 0.9
	Mostafa Helmi (A)	164.0	997.4	—	997.7	—	996.5	—	997.8	—	164.0	1017.2	—	1017.4	—	1015.6	—	1017.3	—
	Almaza (A)	78.5	1007.4	— 0.7	1008.2	— 0.5	1006.3	— 0.6	1007.7	— 0.5	78.6	1016.8	— 0.8	1017.7	— 0.5	1015.5	— 0.7	1017.1	— 0.5
	Abbasiya (H.Q.)	26.4	1014.3	—	1015.1	—	1013.2	—	1014.5	—	30.1	1017.9	—	1018.9	—	1016.9	—	1018.1	—
	Imbaba (A)	19.0	1015.1	—	1015.9	—	1013.7	—	1015.1	—	19.0	1017.2	—	1018.0	—	1015.8	—	1017.2	—
	Giza	22.5	1014.7	—	1015.3	— 1.3	1013.4	— 1.6	1014.6	— 1.2	21.3	1017.5	—	1018.1	— 1.3	1016.1	— 1.7	1017.4	— 1.2
	Helwan	140.7	1000.7	—	1001.4	— 0.3	999.7	— 0.3	1000.9	— 0.2	140.7	1018.0	—	1018.7	— 0.5	1016.5	— 0.5	1017.9	— 0.4
Upper Egypt	Fayoum	23.3	1014.9	—	1015.8	+ 0.2	1013.6	0.0	1014.9	+ 0.3	23.3	1017.9	—	1018.8	+ 0.2	1016.6	0.0	1017.9	+ 0.3
	Beni Suef	30.4	1013.8	—	1014.9	— 0.7	1012.8	— 2.0	1014.0	— 0.6	30.0	1017.4	—	1018.5	— 0.7	1016.2	— 2.0	1017.5	— 0.6
	Minya (A)	40.5	1012.9	— 0.2	1013.7	— 0.4	1011.8	— 0.6	1012.9	— 0.3	40.5	1017.9	— 0.3	1018.7	— 0.5	1016.5	— 0.7	1017.9	— 0.2
	Asyout Mangabad (A)	69.6	1009.7	+ 0.2	1010.8	+ 0.1	1008.6	+ 0.1	1009.8	+ 0.4	69.5	1018.2	+ 0.2	1019.4	+ 0.2	1016.8	+ 0.1	1018.1	+ 0.2
	Nag Hammadi	70.6	1008.6	—	1010.9	+ 0.7	1008.3	+ 0.6	1009.8	+ 1.0	70.5	1017.8	—	1019.4	+ 0.7	1016.5	+ 0.6	1018.2	+ 0.9
	Kena	74.5	1008.6	—	1010.0	+ 0.1	1007.4	+ 0.4	1008.1	— 0.1	79.4	1017.2	—	1018.9	+ 0.1	1015.9	+ 0.3	1016.8	— 0.2
	Luxor (A)	88.5	1006.4	— 0.3	1007.8	— 0.3	1005.3	— 0.3	1006.3	— 0.4	88.4	1017.0	— 0.3	1018.3	— 0.3	1015.4	— 0.4	1016.7	— 0.4
	Kom Ombo	102.6	1004.1	—	1005.6	—	1002.9	—	1004.1	—	102.6	1016.4	—	1017.9	—	1014.8	—	1016.3	—
	Aswan (A)	193.5	992.9	—	991.3	— 0.[illegible]	992.0	— 0.4	993.1	— 0.2	193.5	1017.0	—	1018.5	— 0.6	1015.2	— 0.4	1016.7	— 0.2
Western Desert	Siwa	—13.5	1019.0	— 2.2	1019.5	— 2.5	1018.3	— 2.0	1019.1	— 2.0	—13.3	1017.1	— 2.2	1017.6	— 2.5	1016.6	— 2.0	1017.3	— 2.1
	Bahariya	129.5	1002.5	— 0.5	1003.1	— 0.4	1001.3	— 0.6	1002.7	+ 0.1	129.6	1018.5	+ 0.5	1019.2	— 0.4	1016.6	— 0.6	1018.4	+ 0.1
	Farafra	91.8	1008.0	— 0.6	1009.2	— 0.2	1007.5	— 0.2	1008.2	— 0.2	92.1	1019.4	— 0.6	1020.6	— 0.2	1018.5	— 0.2	1019.4	— 0.2
	Dakhla	111.5	1003.9	—	1004.6	— 0.6	1002.7	— 0.1	1003.6	— 0.3	111.5	1017.6	—	1018.2	— 0.6	1015.7	— 0.1	1016.9	— 0.2
	Kharga	72.8	1009.5	—	1010.5	+ 0.2	1008.2	— 0.2	1009.4	+ 0.2	73.0	1018.2	—	1019.2	+ 0.2	1016.5	— 0.3	1017.9	+ 0.1
Red Sea	Suez	11.0	1016.2	—	1017.0	— 0.5	1015.2	— 1.4	1016.1	— 0.2	12.2	1017.4	—	1018.2	— 0.5	1016.4	— 1.4	1017.3	— 0.2
	Abu Redes	4.0	1016.0	—	1017.1	—	1015.3	—	1016.3	—	4.0	1016.4	—	1017.5	—	1015.7	—	1016.7	—
	Tor	4.2	1015.9	—	1016.8	— 0.2	1015.0	— 0.4	1015.9	— 0.1	4.2	1016.3	—	1017.2	— 0.2	1015.4	— 0.4	1016.3	— 0.1
	Hurghada	2.8	1016.1	+ 0.5	1017.1	+ 0.5	1015.0	— 0.1	1016.3	+ 0.5	2.8	1016.3	+ 0.5	1017.3	+ 0.5	1015.2	— 0.1	1016.5	+ 0.5
	Quseir	11.3	1014.6	—	1015.7	— 0.2	1014.0	— 0.6	1015.0	— 0.1	11.3	1015.6	—	1016.7	— 0.2	1015.0	— 0.6	1016.0	— 0.1
	Abul Kizan	5.0	—	—	1015.8	—	1014.4	—	1015.2	—	5.0	—	—	1016.3	—	1014.9	—	1015.8	—

Table A 5.—MONTHLY MEAN VALUES OF THE DRY BULB AND WET BULB TEMPERATURES, AND THE RELATIVE HUMIDITY AT FIXED HOURS

DECEMBER 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	13.1	—	12.0	— 1.4	19.8	+ 0.6	16.1	+ 0.5	10.0	—	9.0	— 1.6	13.4	— 0.2	11.8	— 0.4	65	—	65	— 3	44	— 6	57	— 7
	Sidi Barrani	11.5	—1.6	10.9	— 0.8	19.0	+ 0.9	14.5	0.0	8.9	— 1.5	8.3	— 1.1	12.6	— 0.6	10.3	— 1.0	69	— 1	68	— 5	43	—11	56	—10
	Mersa Matruh (A)	11.3	—0.6	11.4	— 1.0	19.3	+ 0.5	13.9	0.4	8.4	— 1.4	8.5	— 1.6	12.6	— 1.2	10.0	— 1.5	65	—10	65	— 8	41	—13	58	—12
	Ras El Hikma	13.8	—	13.7	—	18.8	—	15.5	—	9.8	—	10.0	—	12.9	—	10.9	—	57	—	59	—	47	—	53	—
	Dabaa	10.9	—	10.4	—	19.4	—	13.8	—	7.8	—	7.6	—	12.7	—	9.9	—	62	—	65	—	41	—	58	—
	Dekheila (A)	13.2	—	12.8	—	19.6	—	15.7	—	10.1	—	10.0	—	13.9	—	11.8	—	68	—	68	—	49	—	60	—
	Ras El Teen	16.1	—	15.3	—	18.7	—	17.5	—	12.9	—	12.5	—	14.2	—	13.5	—	66	—	70	—	58	—	61	—
	Alexandria (A)	13.0	0.0	13.2	— 0.2	20.3	+ 1.0	15.1	+ 0.5	11.1	— 0.3	11.2	— 0.5	14.7	+ 0.2	12.4	— 0.2	78	— 4	77	— 4	51	— 5	71	— 7
	Balteam	15.0	—	14.5	—	19.2	—	15.9	—	12.1	—	11.7	—	14.8	—	13.0	—	69	—	70	—	59	—	70	—
	Damietta	12.1	—	12.5	— 0.9	20.3	+ 1.7	14.0	— 0.6	10.6	—	10.8	— 1.2	15.4	+ 1.0	12.2	— 0.8	83	—	81	— 3	56	— 7	80	— 3
	Port Said (A)	14.6	—0.4	14.2	— 0.9	19.1	+ 0.5	16.0	— 0.2	12.2	— 0.9	11.7	— 1.4	14.9	+ 0.1	13.6	— 0.4	74	— 6	73	— 5	61	— 3	75	— 2
	El Arish	12.7	+0.8	13.5	+ 0.1	20.8	+ 1.2	15.4	— 0.5	10.2	0.0	10.4	— 0.6	14.7	— 0.3	12.4	+ 0.1	71	— 9	65	— 9	48	—10	68	— 4
	Ghazza	13.2	—	13.4	—	19.3	—	16.6	—	10.5	—	10.0	—	14.9	—	13.4	—	69	—	62	—	60	—	68	—
Lower Egypt	El Sirw	12.5	—	12.7	— 0.6	19.8	— 0.2	13.9	— 0.3	—	—	11.1	— 0.7	14.6	— 1.4	11.9	— 0.7	—	—	82	— 1	54	—10	78	— 5
	Sakha	11.4	—	13.4	+ 1.7	22.2	+ 2.0	14.2	+ 2.3	—	—	10.9	+ 0.3	15.0	— 0.3	11.0	+ 0.2	—	—	72	—15	42	—14	68	—19
	Mansoura	10.0	—	11.4	— 0.6	20.5	0.0	13.4	— 1.0	8.6	—	9.8	— 0.6	14.6	— 0.7	10.8	— 1.6	82	—	81	— 1	49	— 5	74	— 4
	Damanhour	12.4	—	12.5	+ 0.6	21.2	+ 1.2	14.5	+ 0.2	—	—	10.7	+ 0.3	14.5	— 0.3	12.0	— 0.3	—	—	79	— 3	44	—10	73	— 5
	Gimmeiza	—	—	13.2	+ 1.2	21.2	+ 1.0	13.8	+ 1.0	—	—	11.2	+ 0.4	15.6	— 0.1	11.9	+ 0.2	—	—	77	— 9	53	— 6	79	— 9
	Tanta	11.0	—	11.3	— 0.6	20.7	+ 0.5	13.6	+ 0.1	8.9	—	9.0	— 1.5	14.6	— 0.4	10.8	— 0.9	74	—	72	—12	48	— 6	69	—11
	Tahrir	11.4	—	11.5	—	20.9	—	14.6	—	8.7	—	9.0	—	13.1	—	10.8	—	67	—	70	—	35	—	59	—
	Shebin El Kom	11.3	—	10.6	— 1.1	21.8	+ 0.5	14.2	+ 0.4	8.8	—	8.4	— 1.6	15.1	+ 0.7	11.1	— 0.4	70	—	72	— 8	45	— 4	66	— 8
	Zagazig	12.8	—	11.5	— 0.4	21.1	+ 0.9	15.4	+ 1.5	—	—	9.4	— 1.1	14.6	— 0.8	12.2	— 0.1	—	—	75	— 9	45	—12	69	—16
	Abu Sueir (A)	11.7	—	11.8	—	21.2	—	15.1	—	8.9	—	9.1	—	13.8	—	11.0	—	67	—	68	—	39	—	57	—
	Banha	11.6	—	10.9	—	19.7	—	15.7	—	9.3	—	8.7	—	13.9	—	11.3	—	73	—	72	—	49	—	63	—
	Zaher (A)	11.7	—	11.8	—	21.1	—	15.1	—	9.2	—	9.0	—	14.3	—	11.5	—	70	—	67	—	43	—	62	—
	Wadi El Natrun	10.6	—	11.7	— 0.3	21.6	+ 1.2	14.6	— 0.9	7.7	—	8.5	— 1.6	13.3	— 0.5	10.2	— 1.8	64	—	62	—16	33	—11	53	—10
	Inshas (A)	11.9	—	11.9	—	20.7	—	15.0	—	9.0	—	9.0	—	13.9	—	11.1	—	66	—	66	—	43	—	59	—
	Fayed (A)	12.6	—	13.2	—	21.7	—	15.3	—	9.2	—	9.8	—	13.8	—	10.7	—	61	—	62	—	36	—	53	—
	Kabrit (A)	12.9	—	13.0	—	21.6	—	16.0	—	9.9	—	10.0	—	14.8	—	12.0	—	66	—	66	—	44	—	59	—
Cairo Area	Cairo (A)	12.8	+0.2	12.6	— 0.2	20.6	+ 1.2	15.6	+ 0.5	9.5	— 0.9	9.2	— 1.3	13.1	— 0.4	10.9	— 1.1	62	—13	61	—13	37	—11	52	—15
	Mostafa Helmi (A)	11.0	—	10.7	—	19.6	—	14.1	—	8.1	—	8.0	—	12.3	—	10.0	—	64	—	67	—	37	—	57	—
	Almaza (A)	12.7	0.0	12.4	— 0.4	21.1	+ 1.3	15.7	+ 0.3	9.0	— 1.4	8.7	— 1.7	13.6	— 0.3	10.8	— 1.3	58	—12	58	—13	38	—10	51	—14
	Abbasiya (H.Q.)	12.9	—	12.3	—	21.2	—	16.0	—	9.5	—	9.5	—	13.9	—	11.6	—	62	—	63	—	39	—	56	—
	Imbaba (A)	11.1	—	11.4	—	21.2	—	14.5	—	8.6	—	8.8	—	14.3	—	11.1	—	69	—	69	—	42	—	63	—
	Giza	11.2	—	11.3	+ 0.2	20.7	+ 0.1	14.3	+ 0.8	9.0	—	9.0	— 0.8	13.5	— 1.1	10.7	— 0.8	73	—	72	—11	40	— 7	61	—16
	Helwan	12.3	—	12.4	+ 0.1	20.2	+ 0.6	15.1	— 0.5	8.8	—	9.1	— 0.4	12.7	— 0.1	10.3	— 0.9	60	—	62	— 5	36	— 5	51	— 4

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

DECEMBER 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	11.3	—	10.7	— 0.8	21.5	+ 0.6	14.5	+ 0.5	8.8	—	8.4	— 0.8	14.1	+ 0.1	11.0	— 0.2	70	—	71	— 3	39	— 5	62	— 7
	Beni Suef	11.1	—	10.2	— 0.9	21.5	+ 0.5	14.3	+ 0.6	8.4	—	7.6	— 1.2	13.9	— 0.7	10.7	— 0.3	67	—	67	— 3	38	— 8	61	— 9
	Seds	10.3	—	10.1	— 1.0	21.0	+ 0.1	13.2	+ 0.1	—	—	8.3	— 0.5	15.1	— 0.4	10.9	— 1.0	—	—	76	— 8	50	— 3	74	— 7
	Minya (A)	8.3	— 1.0	9.5	— 0.6	21.2	— 0.1	12.4	— 0.9	6.9	— 0.4	8.1	— 0.1	14.2	+ 0.5	9.8	— 0.3	81	+ 7	82	+ 7	42	+ 4	70	+ 6
	Mallawi	7.6	—	8.5	—	20.8	—	11.1	—	—	—	7.6	—	14.8	—	9.9	—	—	—	88	—	49	—	85	—
	AsyoutMangabad. (A)	10.7	— 0.7	10.1	— 1.0	21.3	+ 0.1	14.9	— 0.5	6.9	— 1.3	6.8	— 1.4	13.1	0.0	9.7	— 0.7	54	— 7	59	— 6	33	— 1	47	— 4
	Shandaweel	10.7	—	10.6	— 2.2	21.4	— 1.2	13.6	— 0.5	—	—	8.8	— 2.0	14.9	— 1.1	11.4	— 0.5	—	—	74	— 3	46	— 1	75	— 1
	Nag Hammadi	10.3	—	12.7	— 0.4	22.5	— 0.1	14.9	0.0	—	—	10.1	— 0.3	15.8	0.0	12.0	— 0.2	—	—	70	+ 1	46	+ 1	69	— 2
	Kena	10.9	—	12.5	— 0.2	23.0	+ 0.2	15.7	— 0.2	—	—	9.3	— 0.5	15.4	+ 0.2	11.9	— 0.1	—	—	63	— 4	40	0	61	+ 1
	Luxor (A)	10.1	— 1.3	11.8	— 1.5	23.6	— 0.5	14.6	— 1.6	7.6	— 1.0	8.4	— 1.4	15.8	— 0.4	11.0	— 0.4	68	+ 5	60	— 4	39	— 1	61	+ 2
	Kom Ombo	11.8	—	13.9	—	24.8	—	16.9	—	8.5	—	10.1	—	14.8	—	11.0	—	61	—	58	—	28	—	44	—
	Aswan (A)	12.9	—	12.8	— 2.4	23.7	— 1.2	18.1	— 1.7	7.5	—	8.2	— 2.6	13.1	— 2.0	10.1	— 2.5	40	—	49	— 5	22	— 8	29	— 9
Desert	Siwa	9.2	— 0.4	8.6	+ 0.1	19.8	+ 0.1	13.0	— 0.7	6.3	— 0.9	5.7	— 0.7	11.9	— 0.9	9.6	— 0.1	62	— 6	61	—11	33	— 7	51	— 5
	Bahariya	8.9	—	8.8	— 2.7	21.2	+ 0.9	13.8	— 0.2	5.6	—	5.6	— 3.3	12.3	— 1.3	8.4	— 2.0	57	—	58	—11	28	—15	43	—18
	Farafra	8.7	—	6.5	— 3.1	20.8	+ 0.2	13.4	— 0.5	4.5	—	3.1	— 4.1	11.5	— 2.4	7.2	— 2.7	46	—	50	—18	25	—18	34	—23
	Dakhla	7.6	—	7.4	— 2.7	22.0	+ 0.6	13.6	— 2.0	3.9	—	4.0	— 3.1	12.6	— 1.1	8.2	— 1.8	50	—	53	— 9	26	—11	42	— 2
	Kharga	8.9	—	10.7	— 2.0	23.8	+ 1.0	14.0	— 2.0	6.0	—	7.5	— 2.0	14.5	— 0.5	9.4	— 1.7	62	—	61	— 2	30	— 9	51	0
Red Sea	Suez	14.6	—	14.3	+ 0.3	21.7	+ 1.1	17.1	+ 0.8	—	—	11.9	+ 0.5	16.0	+ 1.2	12.8	+ 0.1	—	—	74	+ 2	52	+ 2	58	— 5
	Abu Redes	16.0	—	16.2	—	22.4	—	18.3	—	11.3	—	11.4	—	16.0	—	13.2	—	53	—	53	—	48	—	53	—
	Tor	13.9	—	14.0	— 0.1	22.2	+ 0.4	17.4	— 0.1	9.9	—	9.7	— 1.5	15.7	— 1.3	12.3	— 1.0	57	—	54	— 8	47	—12	51	— 9
	Hurghada	13.6	+ 0.5	15.8	— 0.1	22.6	+ 1.0	17.4	+ 0.1	9.6	— 0.4	10.3	— 1.5	15.0	— 1.2	12.5	— 1.0	56	— 9	45	—13	40	—15	53	—10
	Quseir	18.1	—	19.0	— 0.3	24.2	+ 1.4	20.3	+ 0.3	12.3	—	12.5	— 1.7	16.4	— 1.1	14.6	— 1.0	46	—	42	—12	41	—15	51	— 9
	Abul Kizan	23.4	—	24.1	— 0.1	24.8	— 0.3	23.5	+ 0.3	—	—	20.3	+ 0.1	20.3	— 0.1	19.6	+ 0.1	—	—	69	+ 1	64	0	68	— 1

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

DECEMBER 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	1014.3	— 2.6	1014.8	— 2.6	20.7	+ 0.4	10.8	+ 0.5	15.8	a	15.4	+ 0.8	a	11.1	— 0.3	a	56	—10
	Sidi Barrani	a	1011.9	— 3.1	1014.5	— 3.1	19.8	+ 0.4	9.6	— 0.3	14.7	a	14.2	— 0.3	a	10.3	— 0.2	a	58	—10
	Mersa Matruh (A)	a	1012.0	— 2.1	1015.7	— 2.1	20.3	+ 0.8	9.5	— 0.7	14.9	a	14.4	0.0	a	10.0	— 1.4	a	53	—14
	Ras El Hikma	a	1010.2	—	1015.8	—	19.0	—	11.9	—	15.4	a	15.6	—	a	11.0	—	a	53	—
	Dabaa	a	1013.2	—	1015.2	—	19.9	—	8.7	—	14.3	a	13.9	—	a	9.7	—	a	55	—
	Dekheila (A)	a	1015.9	—	1016.6	—	19.5	—	10.8	—	15.2	a	15.4	—	a	11.6	—	a	60	—
	Ras El Teen	a	1015.6	—	1016.6	—	19.7	—	13.3	—	16.5	a	16.9	—	a	13.3	—	a	64	—
	Alexandria (A)	a	1015.6	— 1.6	1016.4	— 1.6	21.2	+ 1.1	10.8	— 0.4	16.0	a	15.5	0.0	a	12.4	— 0.4	a	67	— 4
	Balteam	a	1016.2	—	1016.4	—	20.0	—	12.9	—	16.4	a	16.3	—	a	13.0	—	a	66	—
	Damietta	a	1016.2	— 0.9	1016.6	— 0.9	21.0	+ 0.8	10.6	+ 0.1	15.8	a	14.9	+ 0.9	a	12.3	— 0.5	a	72	—12
	Port Said (A)	a	1015.7	— 1.1	1016.4	— 1.1	20.0	+ 0.4	12.8	— 0.7	16.4	a	16.0	+ 1.7	a	13.1	+ 0.3	a	70	—14
	El Arish	a	1015.0	— 1.8	1016.9	— 1.8	21.9	+ 2.3	10.6	— 2.9	16.2	a	15.7	— 0.7	a	12.1	— 1.8	a	63	—11
	Ghazza	a	1014.9	—	1016.8	—	20.3	—	11.4	—	15.8	a	15.9	—	a	12.3	—	a	63	—
Lower Egypt	El Sirw	—	—	—	—	—	21.0	+ 0.1	9.0	— 0.3	15.0	c	14.7	+ 0.7	c	12.8	+ 0.4	c	80	— 3
	Sakha	—	—	—	—	—	22.7	+ 1.5	9.0	+ 0.9	15.8	c	15.8	+ 2.8	c	12.8	+ 1.0	c	68	—19
	Mansoura	a	1016.5	— 0.4	1016.9	— 0.4	21.7	+ 0.5	7.4	— 2.0	14.6	a	13.8	— 0.3	a	11.0	— 1.8	a	69	—11
	Damanhour	c	1015.8	— 1.3	1016.5	— 1.3	22.1	+ 0.9	9.3	— 0.5	15.7	c	15.2	+ 1.2	c	13.0	+ 0.8	c	76	— 4
	Gimmeiza	—	—	—	—	—	21.7	+ 0.5	7.7	0.0	14.7	—	—	—	—	—	—	—	78	— 9
	Tanta	a	1014.9	— 1.8	1016.1	— 1.8	21.5	+ 0.3	8.9	+ 0.9	15.2	a	14.4	+ 1.0	a	11.1	— 0.7	a	64	—18
	Tahrir	a	1014.5	—	1016.7	—	22.0	—	9.1	—	15.2	a	14.8	—	a	10.6	—	a	56	—
	Shebin El Kom	a	1015.1	— 1.3	1016.6	— 1.3	22.3	+ 0.7	9.3	+ 0.2	15.8	a	14.7	+ 0.9	a	11.0	— 0.7	a	60	—17
	Zagazig	c	1015.8	— 0.6	1017.3	— 0.7	21.5	— 0.1	9.5	+ 1.3	15.5	c	15.2	+ 1.6	c	12.4	+ 0.3	c	70	—13
	Abu Sueir (A)	a	1015.4	—	1017.3	—	22.3	—	9.5	—	15.9	a	14.9	—	a	10.8	—	a	54	—
	Banha	a	1014.9	—	1016.7	—	20.4	—	9.2	—	14.8	a	14.5	—	a	11.0	—	a	62	—
	Zaher (A)	a	1012.4	—	1016.1	—	20.8	—	9.7	—	15.2	a	15.1	—	a	11.2	—	a	59	—
	Wadi El Natrun	a	1017.5	— 0.4	1017.6	— 0.4	22.3	+ 0.8	8.8	— 0.3	15.6	a	14.8	+ 0.6	a	10.0	— 1.4	a	51	—19
	Inshas (A)	a	1012.6	—	1015.7	—	21.4	—	9.7	—	15.6	a	15.1	—	a	10.9	—	a	56	—
	Fayed (A)	a	1015.1	—	1017.6	—	22.5	—	10.0	—	16.5	a	15.8	—	a	10.9	—	a	51	—
	Kabrit (A)	a	1016.2	—	1017.6	—	22.3	—	10.4	—	16.4	a	16.0	—	a	11.8	—	a	57	—

AND THE RELATIVE HUMIDITY

DECEMBER 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	1009.3	— 0.7	1017.3	— 0.5	21.3	+ 1.1	10.7	+ 0.5	16.0	a	15.5	+ 0.2	a	10.7	— 1.2	a	51	—13
	Mostafa Helmi (A)	a	997.4	—	1016.9	—	20.2	—	8.8	—	14.5	a	14.1	—	a	9.8	—	a	54	—
	Almaza (A)	a	1007.4	— 1.1	1016.7	— 1.3	21.7	+ 1.1	10.6	+ 0.4	16.2	a	15.5	+ 0.1	a	10.6	— 1.3	a	50	—13
	Abbasiya (H.Q.)	a	1014.3	—	1018.0	—	21.8	—	11.0	—	16.4	a	15.7	—	a	11.2	—	a	55	—
	Imbaba A)	a	1015.0	—	1017.1	—	22.2	—	8.6	—	15.4	a	14.6	—	a	10.8	—	a	59	—
	Giza	a	1014.6	— 1.2	1017.4	— 1.2	21.7	+ 0.4	8.8	+ 1.1	15.2	a	14.6	+ 1.4	a	10.6	— 0.8	a	61	—17
	Helwan	a	1000.7	— 0.2	1017.8	— 0.4	20.9	+ 0.5	9.6	— 0.6	15.2	a	15.0	+ 0.2	a	10.2	— 1.0	a	51	—11
Upper Egypt	Fayoum	a	1014.8	+ 0.2	1017.8	+ 0.2	22.0	+ 0.1	8.9	+ 0.6	15.4	a	14.7	+ 1.4	a	10.8	— 0.2	a	58	—13
	Beni Suef	a	1013.8	— 1.2	1017.4	— 1.1	21.8	+ 0.2	8.1	+ 1.0	15.0	a	14.4	+ 1.2	a	10.3	— 0.6	a	56	—14
	Seds	—	—	—	—	—	22.7	+ 0.1	6.9	— 0.1	14.8	c	13.6	+ 0.4	c	11.4	— 0.3	c	75	— 8
	Minya (A)	a	1012.8	— 0.8	1017.8	— 0.7	21.9	+ 0.2	5.8	— 1.2	14.0	a	13.1	— 0.9	a	9.8	— 0.7	a	63	+ 1
	Mallawi	—	—	—	—	—	21.5	—	5.1	—	13.3	c	12.0	—	c	10.8	—	c	86	—
	Asyout (Mangabad) (A)	a	1009.8	0.0	1018.1	0.0	21.3	— 0.8	7.7	— 0.9	14.5	a	14.4	— 0.9	a	9.3	— 1.2	a	47	— 4
	Shandaweel	—	—	—	—	—	22.9	— 1.1	7.1	— 0.7	15.0	c	14.0	— 1.3	c	11.6	— 1.4	e	74	— 2
	Nag Hammadi	c	1009.6	+ 0.7	1018.0	+ 0.8	23.3	— 0.1	7.4	0.0	15.4	c	15.1	+ 0.6	c	12.3	+ 0.6	e	70	0
	Kena	c	1008.5	+ 0.1	1017.2	0.0	24.9	+ 0.6	8.7	— 0.3	16.8	c	15.5	+ 0.4	c	11.9	+ 0.2	e	62	— 2
	Luxor (A)	a	1005.5	— .01	1016.9	— 0.1	24.5	— 0.7	8.5	+ 0.9	16.5	a	15.1	— 0.5	a	10.8	— 0.7	a	55	— 4
	Kom Ombo	a	1004.2	—	1016.4	—	25.7	—	7.9	—	16.8	a	16.6	—	a	11.1	—	a	47	—
	Aswan (A)	a	993.0	— 0.7	1016.9	— 0.7	24.8	— 0.8	9.7	— 2.1	17.2	a	17.0	— 0.5	a	9.8	— 1.8	a	32	—13
Western Desert	Siwa	a	1019.0	— 1.9	1017.2	— 1.8	20.7	+ 0.2	6.3	— 0.4	13.5	a	12.9	+ 0.1	a	8.3	— 0.8	a	49	— 9
	Bahariya	a	1002.4	— 0.4	1018.2	— 0.4	21.7	+ 0.5	5.9	— 0.7	13.8	a	13.5	+ 0.4	a	8.2	— 1.8	a	43	—22
	Farafra	a	1008.2	— 0.3	1019.5	— 0.3	21.6	— 0.2	4.4	— 1.5	13.0	a	12.9	+ 0.4	a	7.0	— 1.6	a	[illegible]	—21
	Dakhla	a	1003.7	— 0.3	1017.1	— 0.4	22.9	+ 0.5	4.5	— 2.4	13.7	a	13.1	— 1.0	a	7.5	— 2.0	a	50	—12
	Kharga	a	1009.4	+ 0.1	1017.9	0.0	24.6	+ 1.2	6.0	— 2.1	15.3	a	14.4	— 0.5	a	9.4	— 1.3	a	48	— 8
Red Sea	Suez	c	1016.1	— 0.8	1017.3	— 0.8	23.2	+ 1.3	10.1	— 0.4	16.6	c	16.9	+ 1.5	c	13.5	+ 1.1	c	66	— 2
	Abu Redes	a	1016.2	—	1016.6	—	23.7	—	13.2	—	18.4	a	18.4	—	a	13.1	—	a	51	—
	Tor	a	1015.9	— 0.2	1016.3	— 0.2	23.5	+ 0.7	10.8	+ 0.1	17.2	a	17.3	+ 1.1	a	12.2	— 0.2	a	51	—10
	Hurghada	a	1016.1	— 0.3	1016.3	— 0.3	23.3	+ 1.6	11.6	+ 0.2	17.4	a	17.5	+ 0.2	a	12.0	— 0.9	a	48	— 9
	Quseir	a	1014.8	— 0.4	1015.8	— 0.4	21.8	+ 0.7	16.4	+ 0.6	20.6	a	20.6	+ 1.1	a	14.1	— 0.8	a	54	— 4
	Abul Kizan	—	—	—	—	—	26.4	+ 0.2	23.0	+ 1.2	24.7	c	23.9	+ 0.3	c	20.0	+ 0.3	c	68	0

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

DECEMBER 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	27.3	2	16.6	22	3	0	0	0	0	16.0	2	7.2	22	12	0	0	0
	Sidi Barrani	26.2	1	16.4	21	2	0	0	0	0	13.1	3	6.0	14	20	0	0	0
	Mersa Matruh (A)	25.5	3	16.9	22	1	0	0	0	0	13.8	18	6.0	27	20	0	0	0
	Ras El Hikma	26.3	3	16.1	22	1	0	0	0	0	18.2	1	8.1	22	6	0	0	0
	Dabaa	23.9	31	16.2	22	0	0	0	0	0	12.8	1	4.7	14	23	2	0	0
	Dekheila (A)	26.4	3	15.8	22	2	0	0	0	0	17.5	1	6.7	24	11	0	0	0
	Ras El Teen	26.4	3	16.4	11,22	2	0	0	0	0	20.4	1	10.0	11	0	0	0	0
	Alexandria (A)	29.0	3	17.3	22	3	0	0	0	0	16.2	1	5.8	24	10	0	0	0
	Balteam	27.7	3	16.0	22	3	0	0	0	0	18.5	2	8.1	23	5	0	0	0
	Damietta	28.5	3	16.6	22	4	0	0	0	0	16.1	2	6.3	24	15	0	0	0
	Port Said (A)	25.2	3	16.9	22	1	0	0	0	0	19.4	1	9.1	24	4	0	0	0
	El Arish	29.7	3	18.7	22	4	0	0	0	0	14.2	19	6.6	25	10	0	0	0
	Ghazza	29.2	3	17.4	7,22	2	0	0	0	0	16.2	3	7.6	25	7	0	0	0
Lower Egypt	EL Sirw	28.5	3	18.0	11	3	0	0	0	0	14.0	1	5.0	24	18	0	0	0
	Sakha	31.0	3	18.6	16	5	1	0	0	0	15.8	3	5.3	24	21	0	0	0
	Mansoura	28.7	3	17.4	22	3	0	0	0	0	11.6	2	3.3	25	27	5	0	0
	Damanhour	29.9	3	18.1	16	4	0	0	0	0	13.4	1	6.9	24	22	0	0	0
	Gimmeiza	29.0	3	17.5	16	4	0	0	0	0	14.0	2	3.0	25	27	3	0	0
	Tanta	29.6	3	17.4	22	4	0	0	0	0	12.8	2	5.0	25	23	0	0	0
	Tahrir	31.0	3	17.6	22	6	1	0	0	0	12.8	2,19	4.4	24	21	1	0	0
	Shebin El Kom	31.1	3	17.0	22	5	1	0	0	0	14.8	2	4.5	25	19	1	0	0
	Zagazig	29.0	3	18.0	22	3	0	0	0	0	14.0	3,4	5.9	25	20	0	0	0
	Abu Sueir (A)	30.8	3	17.9	22	5	1	0	0	0	13.2	19	4.1	25	15	1	0	0
	Banha	26.0	3	17.2	22	2	0	0	0	0	15.0	2	6.1	25	21	0	0	0
	Zaher (A)	30.2	18	17.4	22	5	1	0	0	0	13.4	2	4.8	25	17	1	0	0
	Wadi EL Natrun	31.0	3	18.0	22	6	1	0	0	0	13.4	2	4.2	25	21	1	0	0
	Inshas (A)	28.3	18	17.0	22	3	0	0	0	0	13.0	2,19	4.5	25	16	1	0	0
	Fayed (A)	28.9	3	18.4	22	6	0	0	0	0	14.0	19	3.8	25	11	1	0	0
	Kabrit (A)	30.6	4	18.6	22	4	1	0	0	0	14.4	2	5.0	25	12	0	0	0
	Delta Barrage	30.2	3	17.1	22	5	1	0	0	0	12.5	2	4.6	23	23	1	0	0
Cairo Area	Cairo A)	29.5	3	17.0	22	4	0	0	0	0	15.1	3	5.4	25	11	0	0	0
	Mostafa Helmi (A	28.0	3	16.0	22	2	0	0	0	0	14.1	3	5.4	25	24	0	0	0
	Almaza (A)	30.2	3	17.8	22	4	1	0	0	0	14.0	4	6.9	25	13	0	0	0
	Abbasiya (H.Q)	27.8	18	17.3	22	6	0	0	0	0	14.6	18	6.4	25	9	0	0	0
	Imbaba A)	30.4	3	17.8	22	5	1	0	0	0	13.0	19	2.5	25	22	1	0	0
	Giza	29.7	3	17.3	22	4	0	0	0	0	13.3	19	4.0	25	23	1	0	0
	Helwan	28.3	3	16.2	22	4	0	0	0	0	14.2	4	5.9	23	20	0	0	0

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

DECEMBER 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	28.5	3	18.1	19	5	0	0	0	0	12.9	1	5.0	24	21	0	0	0
	Beni Suef	29.0	3	18.3	22	5	0	0	0	0	12.2	19	3.5	25	26	3	0	0
	Seds	29.5	3	19.0	10	4	0	0	0	0	11.5	18,19	2.0	24	28	6	0	0
	Minya (A)	29.6	3	18.0	10	5	0	0	0	0	9.7	28	2.5	14	31	14	0	0
	Mallawi	28.5	3	18.3	22	4	0	0	0	0	9.0	28	1.8	25	31	13	0	0
	Asyout (Mangabad) (A)	30.7	18	18.3	19	5	1	0	0	0	12.2	3	4.0	23	25	3	0	0
	Shandaweel	30.0	3	20.6	22	5	0	0	0	0	12.5	19	3.5	23	25	5	0	0
	Nag Hammadi	30.0	3	19.0	28	7	0	0	0	0	12.0	4,3	4.0	24,25	19	4	0	0
	Kena	31.4	3	20.0	10	10	2	0	0	0	15.0	3	4.0	23	24	2	0	0
	Luxor (A)	31.2	3	17.5	19	10	2	0	0	0	13.4	2	1.2	24	24	9	0	0
	Kom Ombo	32.8	18	21.2	20	17	4	0	0	0	15.4	2	2.8	14	23	7	0	0
	Aswan (A)	32.7	18	19.5	20	12	5	0	0	0	16.0	4	5.0	14	18	0	0	0
Western Desert	Siwa	25.8	2	16.9	22	2	0	0	0	0	11.5	18	0.9	25	26	12	0	0
	Bahariya	29.1	3	16.7	22	6	0	0	0	0	13.0	4	1.0	24	28	11	0	0
	Farafra	29.2	3	17.9	22	3	0	0	0	0	10.7	4	—0.6	14	30	19	1	0
	Dakhla	31.2	18	18.2	10	8	2	0	0	0	10.0	19	—1.7	14	30	17	4	0
	Kharga	32.9	3	19.4	19	9	4	0	0	0	11.0	3	1.8	23	27	12	0	0
Red Sea	Suez	29.0	2,3	19.4	26	5	0	0	0	0	14.0	19	4.2	25	13	1	0	0
	Abu Redes	30.3	3	18.8	10	6	1	0	0	0	17.4	29	8.4	24	1	0	0	0
	Tor	28.7	3	20.0	10	6	0	0	0	0	16.1	5	6.3	12	13	0	0	0
	Hurghada	27.7	4	19.9	10	6	0	0	0	0	16.6	1,2	6.8	12	6	0	0	0
	Quseir	29.0	1	21.4	20	8	0	0	0	0	21.6	1	12.9	11	0	0	0	0
	Abul Kisan	29.1	4	23.2	22	25	0	0	0	0	25.8	3	20.7	21	0	0	0	0

TABLE A 5. — RAINFALL AND SNOW DEPTH

DECEMBER 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	6.1	—15.0	3.4	7	0	4	2	0	0	0	0	0	—
	Sidi Barrani	23.8	—14.1	10.5	9	0	7	5	1	1	0	0	0	—
	Mersa Matruh (A)	5.8	—27.9	3.0	8	1	4	2	0	0	0	0	0	—
	Ras El Hikma	6.3	—	4.6	6	0	3	2	0	0	0	0	0	—
	Dabaa	4.0	—33.9	3.3	6	0	3	1	0	0	0	0	0	—
	Dekheila (A)	68.1	—	29.6	6	0	5	4	3	1	1	0	0	—
	Ras El Teen	52.7	—	25.0	6	0	6	5	2	1	1	0	0	—
	Alexandria (A)	58.1	+ 1.4	20.3	6	0	8	5	3	1	0	0	0	—
	Balteam	20.3	—	6.4	9	0	9	4	2	0	0	0	0	—
	Damietta	4.5	—23.2	3.0	7	0	3	2	0	0	0	0	0	—
	Port Said (A)	0.6	—21.5	0.5	7	1	2	0	0	0	0	0	0	—
	El Arish	5.6	—13.6	4.0	4	1	4	2	0	0	0	0	0	—
	Ghazza	64.9	—	37.7	6	2	4	3	3	3	1	0	0	—
	Fuka	3.0	—20.0	1.5	6,19	0	2	2	0	0	0	0	0	—
	Hammam	7.0	—20.0	4.0	6	0	2	2	0	0	0	0	0	—
	Borg El Arab	13.5	—26.3	5.0	6	0	4	4	1	0	0	0	0	—
	Mex	68.1	+14.3	21.8	6	0	5	5	3	3	0	0	0	—
	Tolombat El Tabia	64.0	+ 4.3	16.0	7	0	5	5	5	5	0	0	0	—
	Kom El Tarfaia	39.5	— 7.4	16.0	6	0	5	5	3	2	0	0	0	—
	Rosetta L.H.	54.7	+ 4.6	18.0	6	2	6	6	4	3	0	0	0	—
	Borollos L.H.	26.7	—22.7	10.0	6	0	6	4	4	1	0	0	0	—
	Dameitta L.H.	10.0	—19.4	7.0	8	0	4	4	1	0	0	0	0	—
Lower Egypt	El Sirw	0.0	—13.8	0.0	—	0	0	0	0	0	0	0	0	—
	Sakha	0.0	—16.0	0.0	—	0	0	0	0	0	0	0	0	—
	Mansoura	0.0	—10.9	0.0	—	0	0	0	0	0	0	0	0	—
	Damanhour	6.2	—14.0	4.4	9	1	2	1	0	0	0	0	0	—
	Gimmeiza	0.0	— 7.2	0.0	—	0	0	0	0	0	0	0	0	—
	Tanta	0.2	— 9.6	0.2	8	0	1	0	0	0	0	0	0	—
	Tahrir	2.4	—	2.4	6	1	1	1	0	0	0	0	0	—
	Shebin El Kom	0.0	— 9.1	0.0	—	0	0	0	0	0	0	0	0	—
	Zagazig	0.0	— 5.3	0.0	—	0	0	0	0	0	0	0	0	—
	Abu Sueir (A)	Tr.	—	Tr.	7	1	0	0	0	0	0	0	0	—
	Banha	0.0	— 4.2	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	—18.5	0.0	—	0	0	0	0	0	0	0	0	—
	Inshas (A)	0.1	—	0.1	6	0	1	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	— 3.0	0.0	—	0	0	0	0	0	0	0	0	—
	Tolombat El Boseili	58.0	+14.0	26.5	9	1	6	6	3	2	1	0	0	—
	Kafr El Dawar	29.0	—19.3	8.0	9	0	5	5	3	0	0	0	0	—
	Kafr El Sheikh	1.0	—15.1	1.0	8	0	1	1	0	0	0	0	0	—
	Kafr El Zayat	Tr.	—11.4	Tr.	10	1	0	0	0	0	0	0	0	—
	Faqus	0.0	— 9.1	0.0	—	0	0	0	0	0	0	0	0	—
Cairo Area	Cairo (A)	Tr.	—10.9	Tr.	16,21	2	0	0	0	0	0	0	0	—
	Mostafa Helmi (A)	Tr.	—	Tr.	16	1	0	0	0	0	0	0	0	—
	Almaza (A)	0.0	— 9.2	0.0	—	0	0	0	0	0	0	0	0	—
	Abbassiya (H.Q)	Tr.	—	Tr.	16	1	0	0	0	0	0	0	0	—
	Imbaba (A)	0.0	—	0.0	—	0	0	0	0	0	0	0	0	—
	Giza	Tr.	— 5.9	Tr.	16	1	0	0	0	0	0	0	0	—
	Helwan	0.0	— 7.1	0.0	—	0	0	0	0	0	0	0	0	—

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

DECEMBER 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	0.0	—6.0	0.0	—	0	0	0	0	0	0	0	0	—
	Beni Suef	0.0	—4.7	0.0	—	0	0	0	0	0	0	0	0	—
	Seds	0.0	—1.2	0.0	—	0	0	0	0	0	0	0	0	—
	Minya (A)	0.0	—0.8	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	Tr.	0.0	—	0	0	0	0	0	0	0	0	—
	Shandaweel	0.0	—0.8	0.0	—	0	0	0	0	0	0	0	0	—
	Nag Hammadi	0.0	—3.2	0.0	—	0	0	0	0	0	0	0	0	—
	Kena	0.0	—1.0	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)	1.0	0.0	1.0	21	0	1	1	0	0	0	0	0	—
Western Desert	Siwa	Tr.	—3.0	Tr.	10	1	0	0	0	0	0	0	0	—
	Bahariya	0.0	—1.6	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	—0.1	0.0	—	0	0	0	0	0	0	0	0	—
Red Sea	Suez	0.0	—4.7	0.0	—	0	0	0	0	0	0	0	0	—
	Attaqa	0.0	—2.3	0.0	—	0	0	0	0	0	0	0	0	—
	Abu Redes	5.7	—	5.7	18	0	1	1	1	0	0	0	0	—
	Tor	0.0	—2.0	0.0	—	0	0	0	0	0	0	0	0	—
	Hurghada	0.0	—1.8	0.0	—	0	0	0	0	0	0	0	0	—
	Quseir	0.0	—0.8	0.0	—	0	0	0	0	0	0	0	0	—
	Abul Kizan	0.0	—2.2	0.0	—	0	0	0	0	0	0	0	0	—

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

DECEMBER 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				
Mediterranean Sea	Sallum	—	—	—	2.6	—	4.0	—	4.1	—	3.4	—	9.9	—	—	10.7
	Sidi Barrani	—	—	—	—	—	3.6	—	4.4	—	2.9	—	8.3	—	—	—
	Mersa Matruh (A)	198.3	315.7	62.8	1.8	—	3.7	—	4.8	—	2.8	—	13.2	—	—	—
	Ras El Hikma	—	—	—	—	—	2.8	—	3.8	—	3.2	—	8.4	—	—	10.9
	Dabaa	—	—	—	—	—	2.8	—	4.5	—	2.8	—	9.0	—	—	—
	Dekheila (A)	—	—	—	2.4	—	3.5	—	3.2	—	3.0	—	5.6	—	—	—
	Ras El Teen	—	—	—	3.5	—	4.6	—	4.2	—	3.4	—	5.3	—	—	—
	Alexandria	219.1	315.6	69.4	3.4	—	3.7	—	4.2	—	3.2	—	3.7	—	—	—
	Balteam (A)	—	—	—	—	—	3.3	—	3.3	—	1.7	—	3.9	—	—	—
	Damietta	—	—	—	—	—	1.6	—	2.8	—	1.3	—	2.7	—	—	—
	Port Said (A)	215.5	315.6	68.3	1.6	—	3.3	—	2.9	—	1.9	—	4.9	36	22	11.6
	El Arish	—	—	—	2.6	—	3.2	—	3.0	—	2.2	—	5.5	—	—	8.9
	Ghazza	207.0	313.7	66.0	2.5	—	3.2	—	3.2	—	1.9	—	6.3	—	—	11.3
Lower Egypt	El Sirw	—	—	—	—	—	—	—	—	—	—	—	3.1	—	—	—
	Sakha	—	—	—	—	—	—	—	—	—	—	—	2.9	—	—	8.9
	Mansoura	—	—	—	—	—	3.1	—	3.5	—	0.0	—	3.6	—	—	—
	Damanhour	—	—	—	—	—	—	—	—	—	—	—	2.3	—	—	—
	Gimmeiza	—	—	—	—	—	—	—	—	—	—	—	3.3	—	—	—
	Tanta	213.6	316.8	67.4		—	2.5	—	2.7	—	1.2	—	3.8	48	29	—
	Tahrir	240.6	316.9	76.0		—	2.8	—	3.3	—	1.9	—	7.3	—	—	7.4
	Shebin El Kom	—	—	—		—	2.3	—	2.6	—	1.3	—	3.2	—	—	—
	Zagazig	—	—	—		—	—	—	—	—	—	—	2.8	—	—	—
	Abu Sueir (A)	—	—	—	2.1	—	4.2	—	3.2	—	2.2	—	7.8	58	26	7.7
	Bænha	—	—	—	—	—	2.8	—	2.6	—	1.1	—	3.1	—	—	—
	Zaher (A)	—	—	—	—	—	3.4	—	3.5	—	1.2	—	7.2	—	—	—
	Wadi El Natrun	—	—	—	—	—	2.1	—	2.4	—	1.3	—	7.0	—	—	—
	Inshas (A)	—	—	—	0.9	—	2.2	—	2.5	—	1.0	—	7.9	—	—	—
	Fayed (A)	—	—	—	—	—	3.3	—	2.8	—	1.7	—	9.1	—	—	—
	Kabrit (A)	—	—	—	—	—	2.4	—	2.4	—	1.4	—	7.2	—	—	—
Cairo Area	Cairo (A)	—	—	—	1.1	—	3.1	—	3.6	—	1.4	—	11.7	—	—	—
	Mostafa Helmi (A)	—	—	—	1.3	—	2.8	—	3.5	—	2.0	—	10.0	—	—	—
	Almaza (A)	239.3	317.8	75.3	1.5	—	2.2	—	3.3	—	1.4	—	7.6	—	—	—
	Abbasiya (H.Q.	—	—	—	0.9	—	2.6	—	3.3	—	1.6	—	5.2	58	34	—
	Imbaba (A)	—	—	—	—	—	3.2	—	3.1	—	1.8	—	5.3	—	—	—
	Giza	230.0	317.6	72.4	—	—	3.0	—	2.6	—	0.9	—	5.2	—	—	3.7
	Helwan	—	—	—	1.2	—	2.2	—	2.7	—	1.2	—	10.4	—	—	—
Upper Egypt	Fayoum	—	—	—	—	—	1.6	—	1.9	—	1.3	—	4.0	—	—	4.5
	Beni Suef	—	—	—	—	—	2.1	—	1.4	—	0.6	—	3.5	—	—	5.8
	Seds	—	—	—	—	—	—	—	—	—	—	—	2.6	—	—	—
	Minya (A)	—	—	—	1.1	—	2.6	—	2.3	—	1.7	—	3.6	39	23	3.8
	Mallawi	—	—	—	—	—	—	—	—	—	—	—	1.3	—	—	4.1
	Asyout (Mangabad) (A)	—	—	—	0.8	—	2.2	—	1.8	—	1.1	—	6.4	—	34	6.6
	Shandaweel	232.6	315.6	73.7	—	—	—	—	—	—	—	—	2.9	—	—	8.5
	Nag Hammadi	—	—	—	—	—	—	—	—	—	—	—	2.6	—	—	6.9
	Kena	—	—	—	—	—	—	—	—	—	—	—	3.6	—	—	—
	Luxor (A)	—	—	—	1.5	—	2.0	—	2.0	—	2.1	—	3.2	51	31	—
	Kom Ombo	—	—	—	—	—	1.7	—	1.8	—	1.5	—	5.5	—	—	5.2
	Aswan (A)	—	—	—	1.7	—	1.8	—	2.5	—	2.0	—	11.2	—	—	—
Western Desert	Siwa	—	—	—	1.7	—	2.5	—	2.8	—	2.4	—	7.9	60	33	4.7
	Bahariya	—	—	—	1.5	—	1.8	—	2.7	—	2.1	—	5.7	42	25	4.7
	Farafra	—	—	—	0.6	—	1.8	—	2.1	—	1.4	—	7.8	44	25	3.5
	Dakhla	—	—	—	0.9	—	1.3	—	1.9	—	1.2	—	6.6	37	27	—0.4
	Kharga	—	—	—	0.7	—	1.5	—	1.9	—	0.9	—	5.7	—	—	4.2
Red Sea	Suez	—	—	—	—	—	—	—	—	—	—	—	5.0	—	—	—
	Abu Redes	259.9	320.2	81.2	—	—	2.1	—	1.8	—	1.1	—	7.9	—	—	—
	Tor	—	—	—	1.6	—	2.7	—	2.2	—	1.0	—	5.9	—	—	—
	Hurghada	—	—	—	1.8	—	2.5	—	2.5	—	2.1	—	12.2	—	—	—
	Quseir	—	—	—	1.3	—	2.8	—	2.2	—	1.4	—	10.3	—	—	—
	Abul Kisan	—	—	—	—	—	—	—	—	—	—	—	8.7	—	—	—

TABLE A 7.—SOIL TEMPERATURES (°C) AT SELECTED DEPTHS AT FIXED HOURS

DECEMBER 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	—	—	—	—	—	11.7	17.5	3	8.5	11,14	18.1	25.0	1	14.5	17	15.1	20.5	1	13.0	21
		10	—	—	—	—	—	13.2	17.5	3	10.5	14	16.5	21.5	1	13.5	22	16.1	21.0	1,2	13.4	10
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Mersa Matruh (A)	5	13.5	17.6	1	11.2	31	12.5	16.4	2,4	9.3	11	19.0	—	—	—	—	16.3	—	—	—	—
		10	14.9	—	—	—	—	13.8	17.6	4	11.0	11	17.3	—	—	—	—	17.0	—	—	—	—
		20	16.8	21.4	1	14.6	31	16.3	20.1	1	13.8	29	16.4	—	—	—	—	17.5	—	—	—	—
		50	18.8	—	—	—	—	18.5	22.2	1	15.9	30	18.2	22.0	1	15.2	30	18.2	21.9	1	15.4	30
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	23.5	24.4	3	22.3	30	23.6	24.5	3	22.5	30	23.5	24.5	1	22.4	29,30
	Ras El Hikma.	5	—	—	—	—	—	12.9	17.8	1	10.0	11	18.1	24.8	1	15.7	28	15.2	20.2	1,3	12.9	28
		10	—	—	—	—	—	13.7	18.2	1	11.3	11	16.4	22.3	1	13.9	28	15.8	20.8	1	13.5	28
		20	—	—	—	—	—	14.4	18.9	1	12.2	23,28	16.1	21.4	1	14.0	28	16.1	21.0	1	14.0	28
		50	—	—	—	—	—	17.4	21.3	1	15.1	30	17.3	21.2	1	15.1	29,30	17.2	21.1	1	15.0	29
		100	—	—	—	—	—	19.7	22.2	1	17.7	30,31	19.7	22.1	1	17.6	31	19.7	22.1	1	17.6	31
		200	—	—	—	—	—	21.3	22.6	1·2·3	21.1	30·31	21.9	22.6	1,2,3	21.0	31	21.9	22.6	1,2,3	20.9	31
	Alexandria . (A)	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	18.6	22.4	1	16.7	25	18.5	22.2	1,2	16.6	24	18.4	22.0	1	16.3	24	18.4	22.0	1,3,4	16.3	24
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	El Arish	5	14.8	18.6	5	11.5	25	13.2	16.0	2	9.8	25	18.3	22.2	4	16.2	24	17.1	21.4	4	14.6	24
		10	16.0	20.0	5	13.4	25	14.6	17.6	19	11.6	25	17.4	20.8	4	15.1	25	17.6	21.4	4	15.6	24
		20	17.8	20.8	5	14.2	24	17.0	19.6	3,4	14.0	28	17.4	20.2	4	15.2	25	18.2	21.2	4	16.2	24
		50	20.2	22.4	5	18.5	26	20.2	22.5	4·5	18.4	26	20.1	22.5	4,5	18.4	26	20.0	22.4	6	18.2	25
		100	22.5	25.5	13	20.8	27,30,31	22.4	24.2	1,2	20.8	30.31	22.4	24.3	1	20.8	29,31	22.3	24.0	2·3,4	20.7	26
		200	24.6	26.1	1	23.2	31	24.6	26.1	1	23.2	31	24.6	26.1	1,2	23.3	29,30,31	24.6	26.0	1	23.2	29,31
	Ghazze	5	14.3	18.0	2	11.0	30	13.3	18.0	4	10.4	12	18.9	29.0	4	11.6	24	16.6	24.0	3	14.0	12
		10	15.1	19.4	5	11.7	10	14.0	18.0	4	10.8	12	18.3	24.0	3	15.8	13	17.0	22.0	4	14.6	12
		20	16.3	21.5	4	11.8	25	15.0	19.5	2	12.5	25	17.0	21.0	4	14.6	13	17.4	22.0	4	15.3	12
		50	19.5	23.8	4	17.0	*	18.0	23.2	5	16.0	25	19.6	23.5	1	17.1	25	19.5	25.0	7	16.5	25
		100	23.7	27.0	8	21.0	*	23.1	27.0	8	20.5	*	23.2	27.0	1,5	20.0	30	23.1	27.0	3,7	20.0	30
		200	26.2	28.5	11	23.5	28	26.1	28.0	*	23.5	26	25.9	30.0	1,5	23.0	30	26.3	29.0	3	23.2	30

TABLE A 7. *(contd.)*—**SOIL TEMPERATURES (°C) AT SELECTED DEPTHS AT FIXED HOURS**

DECEMBER 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 alue	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	—	—	—	—	—	—	—	—	—	—	21.4	24.0	1	20.0	29,30,31	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	21.9	24.0	1	20.5	29,30,31	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gimmeiza	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	14.6	23.0	1	11.0	2.4	20.4	24.0	*	16.5	16	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	21.3	24.0	1	19.0	21,28	21.6	24.2	1	20.0	*	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Tanta	5	—	—	—	—	—	14.1	16.7	2	11.0	25	16.4	20.4	2,3	14.6	23	15.7	19.5	1	13.8	24
		10	—	—	—	—	—	16.7	19.5	3	14.5	26	17.9	21.2	2	16.0	25	18.3	21.8	2,3	16.3	25
		20	—	—	—	—	—	15.9	18.8	2,3	13.8	26	15.9	19.0	2,3	13.8	25	16.3	19.5	2	14.4	25
		50	—	—	—	—	—	20.5	23.4	1	18.3	25	20.4	23.3	2	18.2	25,27	20.4	23.3	1	18.2	26
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Tahrir	5	—	—	—	—	—	11.0	16.6	2	7.8	24,25	23.2	30.4	3	18.3	16	15.7	19.9	2	13.2	24
		10	—	—	—	—	—	12.5	17.1	2	9.7	25	19.9	25.5	2	16.5	24	17.5	22.1	2	15.1	24
		20	—	—	—	—	—	15.8	19.3	2	13.1	25	16.9	20.7	4	14.3	24	18.3	22.7	2	16.1	24,25
		50	—	—	—	—	—	18.2	21.9	3	16.7	26	18.5	21.6	4	16.4	26	18.5	21.7	2	16.5	25
		100	—	—	—	—	—	21.4	23.9	1	19.4	30	—	—	—	—	—	21.3	23.8	1	19.5	29,31
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Delta Barrage	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	19.5	21.5	1,2,4	17.0	30	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	21.1	23.0	1	18.9	30·31	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	23.2	24.1	23	20.3	31	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

* More than 8 days.

TABLE A 7. (*contd.*)—SOIL TEMPERATURES (°C) AT SELECTED DEPTHS AT FIXED HOURS

DECEMBER 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	—	—	—	—	—	13.1	15.9	3	8.6	25	22.5	28.0	3	18.6	24	17.7	21.2	3	14.0	24
		10	—	—	—	—	—	16.2	19.5	2	12.7	25	19.3	22.8	2	16.4	24,25	19.5	23.2	3	17.0	24
		20	—	—	—	—	—	19.3	22.0	1,2,3	17.0	25	19.3	22.1	2	16.8	25	19.9	22.9	2,3	17.7	25
		50	—	—	—	—	—	21.7	24.4	1	19.8	26,27,28	21.7	24.3	1	19.8	26,27	21.6	24.2	1	19.7	27
		100	—	—	—	—	—	—	—	—	—	—	24.4	26.4	1,2	22.6	30,31	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	26.7	27.8	1	25.6	31	—	—	—	—	—
Upper Egypt	Seds	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	20.5	22.5	2	19.0	30,31	20.6	22.5	2	19.0	30,31	20.6	22.3	*	19.0	30,31
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Minya (A)	5	14.8	18.5	3	12.0	25	13.1	15.5	2	10.0	25	18.1	22.1	2	15.1	25	17.1	20.5	1	14.1	25
		10	18.1	21.0	3,5	16.0	25	16.7	19.5	3	14.5	25	18.6	22.0	1,3	16.0	25	19.1	22.6	1	16.9	25
		20	19.0	22.0	3	17.0	25	18.4	21.0	*	16.5	25	18.7	22.0	2	16.5	25	19.0	22.0	1	17.0	25,26
		50	20.6	23.4	3	19.0	*	20.0	23.5	1	18.5	25	20.6	23.5	2	17.8	27	20.5	23.4	2	18.2	27
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Maliawi	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	17.0	19.0	1	15.6	28	17.0	19.0	1	15.6	28	16.9	19.0	1	15.6	28
		100	—	—	—	—	—	19.2	21.0	1	17.8	31	19.2	21.0	1	17.8	31	19.2	21.0	1	17.9	31
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Shandaweel	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		50	—	—	—	—	—	—	—	—	—	—	19.2	22.5	1,3,5	16.5	28	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	22.1	24.5	1,3	20.5	*	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

* More than 3 days

TABLE A 7. (*contd.*)— SOIL TEMPERATURES (°C) AT SELECTED DEPTHS AT FIXED HOURS
DECEMBER 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	—	—	—	—	—	13.8	18.5	3	10.0	24	27.3	33.7	2	21.2	10	18.6	23.6	2	14.7	23
		10	—	—	—	—	—	16.3	20.5	3	13.3	24,26	21.4	27.0	3	17.7	24	19.6	24.0	2,3	16.5	24,25
		20	—	—	—	—	—	18.4	23.0	3,4,5	16.7	26	19.7	23.5	3	17.0	25,26,27	20.0	24.0	3,4	17.3	25
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Aswan . . . (A)	5	13.9	19.7	3	9.4	24	13.1	22.2	16	8.4	24	30.3	40.0	2	26.5	12	19.8	35.2	2	15.4	23
		10	18.6	24.0	3	14.6	24	15.8	21.3	3	12.0	24	24.1	30.9	2	20.2	13	22.8	28.9	1	20.2	12
		20	22.8	27.5	3	20.1	24,25	21.5	27.3	3	18.5	27	21.6	26.4	3	18.8	23	23.5	28.4	3	19.5	29
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Western Desert	Siwa	5	14.1	18.0	4	11.4	29	12.7	16.6	3	8.6	30	17.2	21.6	1	15.2	28,29,30	16.3	20.2	1	13.8	24
		10	15.1	18.8	4	12.4	29	13.8	17.0	4	10.9	30	16.4	20.4	2	13.8	29	16.7	20.6	1	16.0	29
		20	16.2	19.8	4	14.0	29	15.3	18.5	1	12.7	29	16.9	19.7	1	12.9	25	17.2	20.9	1	15.2	29,30
		50	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Bahariya . . .	5	13.5	17.3	1	9.6	25	11.2	16.3	4	7.7	24	17.7	22.1	3	14.2	24	17.1	21.2	2	14.6	22
		10	15.6	19.4	4	13.2	24	13.5	16.2	1	10.4	24	16.3	19.9	1,4	13.0	24	17.8	21.8	2	15.4	22
		20	17.7	21.2	1	15.2	25	16.7	20.4	1	14.0	25	16.8	20.4	4	14.0	25	18.1	21.6	2	15.6	24
		50	20.2	23.5	1	18.3	27,28	20.3	23.5	1	18.1	26	20.1	23.3	1	18.1	26	20.0	23.2	1	18.0	25
		100	23.1	25.8	1	21.0	30,31	23.0	25.8	1	21.6	30,31	23.0	25.7	1	21.0	30,31	23.0	25.7	1	21.0	30,31
		200	26.4	27.9	2	24.9	31	26.4	27.9	1,2	24.9	31	26.4	28.0	1	24.9	31	26.4	27.9	1	24.8	31
	Farafra . . .	5	16.1	20.0	1	13.7	25	15.0	18.8	1	12.2	24	16.7	20.8	1	14.6	24	16.9	21.4	1	15.5	24
		10	17.4	20.7	1,2	14.8	25	16.0	19.8	1	13.9	24	16.5	20.2	1	14.3	24	17.4	21.2	1	15.6	24
		20	18.0	21.6	1,2	16.0	25	17.7	21.4	1	15.8	24,25,26	16.5	21.0	1	15.4	26	17.8	21.3	1	15.9	24
		50	20.2	23.3	1	17.7	28,29,30	19.6	23.2	1	17.7	26,28	19.6	23.2	1	17.7	27	19.5	23.1	1	17.7	26
		100	24.6	25.0	1	19.6	31	21.7	24.6	1	19.7	30	21.7	24.6	1	19.7	30	21.6	24.4	1,2	19.7	30
		200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

*More than 3 days.

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

DECEMBER 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	4	0	0	0	0	0	0	0	0	0	7	3	0	0	0	0	3	9	5
	Sidi Barrani	7	0	0	0	0	0	0	0	0	0	6	1	0	0	0	0	1	—	—
	Mersa Matruh (A)	4	0	0	0	0	0	0	0	0	0	9	6	0	0	0	0	1	7	4
	Ras El Hikma	3	0	0	0	0	0	0	0	0	0	9	2	0	0	0	0	1	—	—
	Dabaa	3	0	0	0	0	0	0	0	0	0	7	6	0	0	0	0	5	—	—
	Dekheila (A)	5	0	0	0	0	1	0	0	0	0	6	2	0	0	0	0	0	11	4
	Ras El Teen	6	0	0	0	0	3	1	0	1	0	6	2	0	0	0	0	1	6	6
	Alexandria (A)	8	0	0	1	0	3	1	4	1	0	7	2	0	0	0	0	1	6	6
	Balteam	9	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	—	—
	Damietta	3	0	0	0	0	0	3	0	0	0	1	1	0	0	0	0	0	—	—
	Port Said (A)	2	0	0	0	0	0	8	3	2	0	6	2	0	0	0	0	0	15	3
	El Arish	4	0	0	0	0	1	6	0	9	0	7	1	0	0	0	0	0	12	3
	Ghazza	4	0	0	1	0	3	0	0	0	0	5	1	0	0	0	0	0	14	4
Lower Egypt	El Sirw	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Sakha	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Mansoura	0	0	0	0	0	0	9	2	1	0	3	1	0	0	0	0	0	—	—
	Damanhour	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Gimmeiza	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Tanta	1	0	0	0	0	0	0	0	—	0	0	0	0	0	0	0	0	—	—
	Tahrir	1	0	0	0	0	0	2	5	2	0	5	3	0	0	0	0	0	—	—
	Shebin El Kom	0	0	0	0	0	0	4	1	0	0	2	0	0	0	0	0	0	—	—
	Zagazig	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Abu Sueir (A)	0	0	0	1	0	0	7	5	7	0	10	2	0	0	0	0	0	12	2
	Banha	0	0	0	0	0	0	1	4	0	0	1	0	0	0	0	0	0	—	—
	Zaher (A)	0	0	0	0	0	0	4	3	8	0	16	3	0	0	0	0	0	—	—
	Wadi El Natrun	0	0	0	0	0	0	0	2	0	0	6	1	0	0	0	0	1	—	—
	Inshas (A)	1	0	0	0	0	0	4	3	4	0	13	3	0	0	0	0	0	23	1
	Fayed (A)	0	0	0	0	0	0	2	1	0	0	4	2	0	0	0	0	1	—	—
	Kabrit (A)	0	0	0	0	0	0	3	3	0	0	1	2	0	0	0	0	1	—	—

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

DECEMBER 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)			
Cairo Area	Cairo . . . . . (A)	0	0	0	0	0	0	4	4	15	0	10	2	0	0	0	0	0	14	2
	Mostafa Helmi . (A)	0	0	0	0	0	0	5	4	0	0	6	2	0	0	0	0	0	14	1
	Almaza . . . . (A)	0	0	0	0	0	0	5	2	9	0	6	2	0	0	0	0	0	19	2
	Abbasiya . . . (H.Q.)	0	0	0	0	0	0	4	4	7	0	3	2	0	0	0	0	0	20	2
	Imbaba . . . (A)	0	0	0	0	0	0	6	3	5	0	3	0	0	0	0	0	0	—	—
	Giza	0	0	0	0	0	0	2	4	2	0	2	0	0	0	0	0	0	—	—
	Helwan	0	0	0	0	0	0	0	5	2	0	2	1	0	0	0	0	0	20	2
Upper Egypt	Fayoum	0	0	0	0	0	0	0	0	1	0	2	1	0	0	0	0	0	—	—
	Beni Suef	0	0	0	0	0	0	0	1	2	0	1	0	0	0	0	0	0	—	—
	Seds	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Minya . . . . . (A)	0	0	0	0	0	0	4	2	4	0	1	0	0	0	0	0	0	21	2
	Mallawi	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Asyout (Mangabad)(A)	0	0	0	0	0	0	3	2	0	0	2	1	0	0	0	0	0	23	2
	Shandaweel	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Nag Hammadi . . .	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kena	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Luxor . . . . . (A)	0	0	0	0	0	0	1	0	3	0	0	0	0	0	0	0	0	20	2
	Kom Ombo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	—	—
	Aswan . . . . . (A)	1	0	0	0	0	0	0	0	3	0	2	0	0	0	0	0	0	20	1
Western Desert	Siwa	0	0	0	0	0	0	0	0	0	0	3	2	0	0	0	0	0	20	3
	Bahariya	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	20	2
	Farafra	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	1	22	0
	Dakhla	0	0	0	0	0	0	0	0	2	0	1	1	0	0	0	0	0	22	0
	Kharga	0	0	0	0	0	0	0	0	2	0	2	1	0	0	0	0	0	23	0
Red Sea	Suez	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Abu Redes	1	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	—	—
	Tor.	0	0	0	0	0	0	0	0	2	0	1	1	0	0	0	0	1	19	3
	Hurghada	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	17	3
	Quseir	0	0	0	0	0	0	1	0	0	0	4	0	0	0	0	0	0	19	3
	Abul Kizan	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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

DECEMBER 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	1	0	0	1—10	4	5	10	5	8	15	43	105	81	14	8	15	313
					11—27	2	1	1	2	1	7	57	59	195	44	30	14	413
					28—47	0	0	0	0	0	0	5	1	11	0	0	0	17
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**6**	**6**	**11**	**7**	**9**	**22**	**105**	**165**	**287**	**58**	**38**	**29**	**743**
	Mersa Matruh (A)	4	0	19	1—10	11	13	6	15	14	10	25	43	17	11	6	11	182
					11—27	5	2	5	3	5	16	51	118	211	71	18	7	512
					28—47	0	0	0	0	0	1	3	1	21	1	0	0	27
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**16**	**15**	**11**	**18**	**19**	**27**	**79**	**162**	**249**	**83**	**24**	**18**	**721**
	Dekheila (A)	5	0	0	1—10	32	23	13	11	27	32	46	89	6	36	15	76	466
					11—27	1	0	0	0	0	3	9	82	107	49	18	0	267
					28—47	0	0	0	0	0	0	0	0	2	1	0	0	3
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**33**	**23**	**13**	**11**	**27**	**35**	**55**	**171**	**113**	**86**	**33**	**76**	**736**
	Alexandria (A)	13	0	0	1—10	55	35	22	9	41	36	35	59	37	19	19	18	385
					11—27	4	5	3	0	3	1	0	123	130	40	15	5	335
					28—47	0	0	0	0	0	0	1	2	8	0	0	0	11
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**59**	**40**	**25**	**9**	**44**	**37**	**42**	**184**	**175**	**59**	**34**	**23**	**731**
	Port Said (A)	1	0	0	1—10	56	12	31	11	31	35	55	57	31	25	27	51	435
					11—27	6	7	4	4	2	4	22	106	116	23	1	5	298
					28—47	0	0	0	0	0	3	0	4	0	0	0	0	7
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**62**	**17**	**35**	**18**	**33**	**42**	**77**	**167**	**157**	**51**	**28**	**56**	**743**
	El Arish	6	22	0	1—10	43	21	5	6	8	167	76	116	113	15	36	17	633
					11—27	0	0	0	0	0	0	2	3	67	21	0	0	93
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**43**	**21**	**5**	**6**	**8**	**167**	**78**	**119**	**180**	**36**	**36**	**17**	**716**
	Ghazza	0	26	7	1—10	18	7	25	17	46	116	51	25	21	13	23	27	389
					11—27	3	0	1	0	0	9	57	53	91	7	7	2	317
					28—47	0	0	0	0	0	0	0	0	4	1	0	0	5
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**21**	**7**	**26**	**17**	**46**	**212**	**108**	**78**	**116**	**21**	**30**	**29**	**711**
Lower Egypt	Mansoura	5	0	105	1—10	23	29	21	25	15	24	67	98	71	53	21	33	460
					11—27	8	1	0	0	4	3	11	63	71	10	0	0	171
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**31**	**30**	**21**	**25**	**19**	**27**	**78**	**161**	**142**	**43**	**21**	**33**	**631**
	Tanta	97	9	0	1—10	22	26	3	8	39	27	67	124	120	15	40	48	569
					11—27	0	0	0	0	0	0	1	26	40	2	0	0	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	**22**	**26**	**3**	**8**	**39**	**27**	**68**	**150**	**160**	**47**	**40**	**48**	**638**

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

DECEMBER — 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	
Lower Egypt	Abu Sueir . . . (A)	58	3	124	1—10	28	26	14	22	27	18	32	60	57	29	24	29	366
					11—27	12	6	0	0	4	3	28	86	46	6	0	3	188
					28—47	0	0	0	0	0	0	0	3	2	0	0	0	5
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	40	26	14	22	31	21	60	149	105	35	24	32	559
	Zaher . . . . . (A)	34	3	1	1—10	13	11	12	16	20	40	41	66	138	40	24	29	470
					11—27	7	4	0	0	4	4	25	81	103	5	1	0	234
					28—47	0	0	0	0	0	0	0	1	1	0	0	0	2
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	40	15	12	16	24	44	66	148	242	45	25	29	706
Cairo Area	Cairo . . . . . (A)	25	11	165	1—10	36	2[illegible]	11	18	11	21	43	62	26	22	12	12	300
					11—27	3	3	0	4	7	0	48	113	43	14	8	1	244
					28—47	0	0	0	0	0	0	0	0	0	0	0	0	0
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	39	29	11	22	18	21	91	175	69	36	20	13	544
	Mostafa Helmi . (A)	5	1	3	1—10	61	36	29	25	21	21	45	61	49	48	26	30	452
					11—27	7	22	5	4	1	0	10	62	115	30	14	5	278
					28—47	0	0	0	0	0	0	1	0	[illegible]	0	0	0	5
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	68	58	34	29	22	21	56	123	171	78	40	35	735
	Abbasiya . . . (H.Q.)	1	4	0	1—10	28	52	41	22	46	57	51	115	6	45	19	13	555
					11—27	2	6	5	1	1	4	16	90	43	13	1	0	182
					28—47	0	0	0	0	0	0	0	0	2	0	0	0	2
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	30	55	46	23	47	61	67	205	111	58	20	13	739
	Almaza . . . . (A)	115	1	4	1—10	68	35	10	23	21	4	127	114	49	26	10	29	558
					11—27	0	0	0	0	3	4	12	38	9	0	0	0	66
					28—47	0	0	0	0	0	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	35	10	23	24	50	139	152	58	26	10	29	624
	Giza	6[illegible]	17	0	1—10	90	44	7	4	3	77	163	43	27	39	32	60	589
					11—27	1	1	0	0	0	2	11	38	12	5	1	1	72
					28—47	0	0	0	0	0	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	45	7	4	3	79	174	81	39	44	33	61	661
Upper Egypt	Fayoum	19	16	31	1—10	120	10	8	9	4	37	158	132	49	26	33	83	659
					11—27	0	0	0	0	0	0	0	9	10	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	120	10	8	9	4	37	158	131	59	26	33	83	678
	Minya . . . . . (A)	39	14	0	1—10	119	15	7	7	7	137	72	39	18	47	29	116	613
					11—27	25	21	0	0	0	0	6	2	9	12	2	1	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	144	36	7	7	7	137	78	41	27	59	31	117	691
	Assyout . . . . (A)	76	5	57	1—10	6	7	10	17	23	29	9	9	30	172	146	65	523
					11—27	0	0	0	0	3	1	8	3	4	23	24	14	80
					28—47	0	0	0	0	0	0	3	0	0	0	0	0	3
					≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	6	7	10	17	26	30	20	12	34	195	170	79	606

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

DECEMBER 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	013 / 044	045 / 074	075 / 104	105 / 134	135 / 164	165 / 194	195 / 224	225 / 254	255 / 284	285 / 314	315 / 344	All directions
UPPER EGYPT	Luxor	107	1	0	1—10	84	78	49	37	24	21	35	103	42	29	55	76	633
					11—27	0	0	0	0	0	0	1	0	0	0	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	**84**	**78**	**49**	**37**	**24**	**21**	**36**	**103**	**42**	**29**	**57**	**76**	**636**
	Aswan	0	0	0	1—10	349	251	14	1	1	5	7	2	4	4	17	73	728
					11—27	8	6	0	0	0	0	0	0	0	0	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	**357**	**257**	**14**	**1**	**1**	**5**	**7**	**2**	**4**	**4**	**19**	**73**	**744**
WESTERN DESERT	Siwa	121	0	0	1—10	1	2	2	29	58	33	52	39	78	150	34	7	485
					11—27	2	0	0	0	0	3	8	24	29	40	21	2	129
					28—47	0	0	0	0	0	0	0	0	4	5	0	0	9
					≥84	0	0	0	0	0	0	0	0	0	0	0	0	0
					All speeds	**3**	**2**	**2**	**29**	**58**	**36**	**60**	**63**	**111**	**195**	**55**	**9**	**623**
	Dakhla	133	21	0	1—10	39	20	12	17	17	15	23	9	31	98	169	123	573
					11—27	1	0	0	0	2	1	1	2	1	0	7	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	**40**	**20**	**12**	**17**	**19**	**16**	**24**	**11**	**32**	**98**	**176**	**125**	**590**
RED SEA	Hurghada	3	4	1	1—10	18	11	11	3	8	5	3	6	11	115	113	53	357
					11—27	0	0	0	0	8	6	0	0	0	67	176	122	379
					28—47	0	0	0	0	0	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**	**11**	**11**	**3**	**16**	**11**	**3**	**6**	**11**	**182**	**289**	**175**	**736**

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

SALLUM — DECEMBER 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	1	0	1	1	4	0	0	7
				11—27	0	0	0	0	0	0	0	1	2	13	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	0	0	0	0	0	1	0	2	3	18	1	0	25
0300	5	0	0	1—10	0	0	0	0	0	0	1	0	2	6	0	0	9
				11—27	0	0	0	0	0	0	0	0	5	11	1	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	0	0	0	0	0	0	1	0	7	17	1	0	26
0600	2	0	0	1—10	0	0	0	0	0	0	3	0	2	3	1	0	9
				11—27	0	0	0	0	0	0	1	2	5	11	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	0	0	0	0	0	0	4	2	7	14	2	0	29
0900	0	0	0	1—10	0	0	0	0	0	0	1	2	1	5	1	1	11
				11—27	0	0	0	0	0	0	1	1	10	7	0	0	19
				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	0	0	0	0	0	0	2	4	11	12	1	1	31
1200	2	0	0	1—10	0	0	0	2	0	0	0	2	3	2	1	0	10
				11—27	0	0	0	0	0	1	0	2	7	3	1	1	15
				28—47	0	0	0	0	0	0	0	0	4	0	0	0	4
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	0	0	2	0	1	0	4	14	5	2	1	29
1500	2	0	0	1—10	0	0	1	0	1	0	2	0	3	4	0	2	13
				11—27	0	0	0	0	0	0	0	1	7	3	3	0	14
				28—47	0	0	0	0	0	0	0	0	2	0	0	0	2
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	0	1	0	1	0	2	1	12	7	3	2	29
1800	3	0	0	1—10	0	0	0	2	0	0	1	1	2	5	1	2	14
				11—27	0	0	0	0	0	0	0	0	5	7	0	0	12
				28—47	0	0	0	0	0	0	0	0	2	0	0	0	2
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	0	0	2	0	0	1	1	9	12	1	2	28
2100	5	0	0	1—10	0	0	0	1	0	0	1	0	0	5	1	1	9
				11—27	0	0	0	0	0	0	0	1	6	9	0	0	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	0	0	0	1	0	0	1	1	6	15	1	1	26

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

MERSA MATRUH (A) — DECEMBER 1962

Hour (G.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	0	0	0	1—10	0	0	0	0	2	1	3	1	2	1	0	0	10
				11—27	0	0	0	1	0	0	6	6	8	5	0	0	20
				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	0	0	1	2	1	3	7	11	6	0	0	31
0300	0	0	0	1—10	0	0	0	1	0	0	2	2	1	0	0	0	6
				11—27	0	0	0	0	0	2	1	7	12	3	0	0	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	0	0	1	0	2	3	9	13	3	0	0	31
0600	0	0	0	1—10	0	0	0	0	1	0	0	2	1	0	0	0	4
				11—27	0	0	1	0	0	1	[illegible]	5	14	2	0	0	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	0	0	1	0	1	1	4	7	15	2	0	0	31
0900	0	0	0	1—10	0	0	0	1	1	0	0	1	0	1	1	0	5
				11—27	1	0	1	0	0	1	2	2	3	7	2	0	21
				28—47	0	0	0	0	0	0	1	0	3	1	0	0	5
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	1	0	1	1	1	1	3	3	6	9	3	0	31
1200	0	0	0	1—10	2	0	0	0	1	0	0	1	1	2	2	2	14
				11—27	0	1	0	0	1	0	2	0	3	6	2	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	2	1	0	0	2	0	2	1	7	9	4	3	31
1500	0	0	0	1—10	0	3	0	2	0	0	0	0	1	3	1	2	12
				11—27	0	0	0	0	1	0	2	1	2	8	2	1	17
				28—47	0	0	0	0	0	0	0	0	2	0	0	0	2
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	0	3	0	2	1	0	2	1	5	11	3	3	31
1800	0	0	0	1—10	1	1	1	1	1	3	0	2	6	0	2	0	18
				11—27	0	0	0	0	1	0	0	5	3	3	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	1	1	1	1	2	3	0	7	10	3	2	0	31
2100	0	0	0	1—10	0	0	0	0	1	2	2	2	0	1	0	0	8
				11—27	0	0	0	0	0	1	2	7	9	3	0	0	22
				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	0	0	0	1	2	4	9	10	4	0	0	31

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

DEKHEILA (A) — DECEMBER 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	0	0	0	1	1	6	5	4	0	0	3	22
				11—27	0	0	0	0	0	0	0	2	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	2	0	0	0	1	1	6	7	6	2	0	3	28
0300	1	0	0	1—10	1	0	2	1	1	1	3	5	5	0	0	2	21
				11—27	0	0	0	0	0	0	0	4	5	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	0	2	1	1	1	3	9	10	0	0	2	30
0600	1	0	0	1—10	1	2	0	0	2	1	4	3	2	1	0	1	17
				11—27	0	1	0	0	0	0	0	6	4	1	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	1	3	0	0	2	1	4	9	6	2	1	1	30
0900	0	0	0	1—10	2	2	0	0	1	3	1	4	5	0	0	2	20
				11—27	0	0	0	0	0	0	0	2	6	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	2	0	0	1	3	1	6	11	3	0	2	31
1200	0	0	0	1—10	2	1	1	0	1	1	1	0	3	2	2	3	17
				11—27	0	0	0	0	0	0	1	1	6	6	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	1	1	0	1	1	2	1	9	8	2	3	31
1500	0	0	0	1—10	1	2	0	0	0	2	0	0	5	3	3	5	21
				11—27	0	0	0	0	0	0	0	1	4	2	3	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	0	0	0	2	0	1	9	5	6	5	31
1800	2	0	0	1—10	1	1	1	0	1	0	4	3	1	1	2	5	20
				11—27	0	0	0	0	0	0	1	0	3	3	1	0	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	1	1	1	0	1	0	5	3	5	4	3	5	29
2100	1	0	0	1—10	0	0	1	1	2	0	4	4	1	1	1	4	19
				11—27	0	0	0	0	0	0	0	2	5	3	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	0	0	1	1	2	0	4	6	6	4	2	4	30

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

RAS EL TEEN — DECEMBER 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	0	3	0	0	3	2	0	1	1	0	0	12
				11—27	0	1	0	0	0	0	0	5	2	6	0	0	14
				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	2	1	3	0	0	3	2	6	3	8	0	0	28
0300	0	0	0	1—10	3	1	3	0	0	1	4	0	2	1	0	1	16
				11—27	0	1	0	0	0	0	2	3	5	3	0	0	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	3	2	3	0	0	1	6	3	8	4	0	1	31
0600	1	0	0	1—10	2	1	2	0	0	0	3	3	1	2	1	1	16
				11—27	1	0	0	0	1	0	2	3	2	3	1	0	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	1	2	0	1	0	5	6	4	5	2	1	30
0900	1	0	0	1—10	2	1	2	0	1	0	2	1	3	0	0	2	14
				11—27	0	0	0	1	0	0	0	5	6	4	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	2	1	2	1	1	0	2	6	9	4	0	2	39
1200	3	0	0	1—10	2	2	0	0	1	0	1	1	0	2	1	2	12
				11—27	0	0	0	0	0	0	1	1	9	3	1	0	15
				28—47	0	0	0	0	1	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	2	0	0	2	0	2	2	9	5	2	2	28
1500	2	0	0	1—10	1	0	2	0	0	1	0	1	4	7	7	4	27
				11—27	0	0	0	0	0	0	1	0	0	0	0	0	1
				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	1	0	2	0	0	2	1	1	4	7	7	4	29
1800	3	0	0	1—10	2	0	3	0	1	1	0	3	1	1	1	2	15
				11—27	0	0	0	0	0	0	0	4	1	3	2	2	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	0	3	0	1	1	0	7	3	4	3	4	28
2100	1	0	0	1—10	2	0	2	1	0	2	2	0	1	3	1	0	14
				11—27	1	1	0	0	0	0	1	5	2	2	3	0	15
				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	1	2	1	0	2	3	6	3	5	4	0	30

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

ALEXANDRIA (A) — DECEMBER 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	2	1	0	0	3	3	3	1	1	0	1	17
				11—27	0	0	0	0	0	0	0	3	8	0	0	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	2	1	0	0	3	3	7	9	1	0	1	29
0300	2	0	0	1—10	1	2	0	1	3	0	4	3	1	0	0	1	16
				11—27	0	0	0	0	0	0	0	6	6	1	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	2	0	1	3	0	4	9	7	1	0	1	29
0600	1	0	0	1—10	1	3	1	1	1	0	1	5	3	0	0	0	16
				11—27	0	0	0	0	0	0	1	5	7	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	3	1	1	1	0	2	10	10	1	0	0	30
0900	0	0	0	1—10	1	3	0	1	2	0	2	1	3	0	0	0	13
				11—27	0	0	1	0	0	0	0	6	8	2	0	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	1	3	1	1	2	0	2	7	12	2	0	0	31
1200	0	0	0	1—10	2	1	0	0	2	2	1	0	0	2	0	2	12
				11—27	0	2	0	0	0	0	0	1	8	5	1	0	17
				28—47	0	0	0	0	0	0	1	0	0	1	0	0	2
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	2	3	0	0	2	2	2	1	8	8	1	2	31
1500	1	0	0	1—10	3	2	0	0	1	1	0	1	1	4	3	2	18
				11—27	0	0	1	0	0	0	0	2	4	3	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	3	2	1	0	1	1	0	4	5	7	4	2	30
1800	3	0	0	1—10	3	3	1	1	1	2	0	4	1	1	1	0	18
				11—27	0	0	0	0	0	0	1	3	1	3	1	0	9
				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	3	1	1	1	2	1	7	3	4	2	0	28
2100	1	0	0	1—10	2	1	1	1	1	5	1	3	1	1	1	0	18
				11—27	0	0	0	0	0	0	1	4	3	2	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	1	1	1	5	2	8	4	3	2	0	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)—DECEMBER 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	0	0	2	2	2	3	2	1	1	0	2	18
				11—27	0	0	0	0	0	0	2	4	3	2	0	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	3	0	0	2	2	2	5	7	4	3	0	2	30
0300	1	0	0	1—10	1	0	0	1	1	1	6	0	2	0	1	3	16
				11—27	0	1	0	0	0	0	1	5	6	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	0	1	1	1	7	5	8	1	1	3	30
0600	0	0	0	1—10	1	1	0	0	1	1	4	2	3	1	0	2	16
				11—27	0	0	0	1	1	0	1	4	7	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	1	1	0	1	2	1	5	6	10	2	0	2	31
0900	0	0	0	1—10	1	1	0	0	0	2	5	3	2	0	2	0	16
				11—27	1	0	0	0	1	0	1	5	7	0	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	2	1	0	0	1	2	6	8	9	0	2	0	31
1200	0	0	0	1—10	3	1	1	1	0	1	2	3	1	1	2	2	18
				11—27	0	0	0	0	0	1	0	5	6	0	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	3	1	1	1	0	2	2	8	7	1	2	3	31
1500	1	0	0	1—10	2	1	4	0	1	0	1	3	1	2	0	4	19
				11—27	0	0	0	0	0	0	0	5	3	0	1	1	10
				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	0	1	1	1	8	4	2	1	5	30
1800	2	0	0	1—10	2	1	2	1	1	1	1	1	2	3	0	2	20
				11—27	0	0	1	0	0	0	2	3	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	2	1	3	1	1	1	3	7	3	5	0	2	29
2100	2	0	0	1—10	2	0	0	1	2	3	1	1	2	1	0	3	16
				11—27	0	0	1	0	0	1	1	5	4	1	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	0	1	1	2	4	2	6	6	2	0	3	29

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

EL ARISH — DECEMBER 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	0	1	0	11	5	7	4	0	0	0	29
				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	1	0	11	5	7	5	1	0	0	31
0300	1	0	0	1—10	0	0	0	0	4	9	4	5	6	0	0	0	28
				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	0	0	0	0	4	9	4	6	7	0	0	0	30
0600	0	0	0	1—10	0	0	0	0	1	10	7	6	7	0	0	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	0	0	0	6	1	10	7	6	7	0	0	0	31
0900	0	0	0	1—10	1	0	0	1	1	6	1	3	4	2	1	2	22
				11—27	0	0	0	0	0	0	0	0	9	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	0	0	1	1	6	1	3	13	2	1	2	31
1200	0	0	0	1—10	5	2	0	1	0	0	1	0	3	1	4	5	22
				11—27	0	0	0	0	0	0	0	0	2	7	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	5	2	0	1	0	0	1	0	5	8	4	5	31
1500	3	0	0	1—10	6	2	2	0	0	1	0	0	2	0	6	1	26
				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	6	2	2	0	0	1	0	0	3	1	6	1	28
1800	6	0	0	1—10	1	1	0	0	3	3	3	6	5	2	0	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	1	1	0	0	3	3	3	6	5	3	0	0	25
2100	0	0	0	1—10	0	1	1	0	0	10	5	6	7	0	0	0	30
				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	1	1	0	0	10	5	6	7	1	0	0	31

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

GHAZZA — DECEMBER 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	1	1	3	6	2	0	0	1	0	0	14
				11—27	0	0	0	0	0	10	4	1	0	0	1	0	16
				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	0	1	1	3	16	6	1	1	1	1	0	31
0300	0	0	0	1—10	0	0	0	0	4	4	3	0	0	0	0	0	11
				11—27	0	0	0	0	1	10	7	1	1	0	0	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	5	14	10	1	1	0	0	0	31
0600	1	0	0	1—10	0	0	0	2	1	10	0	0	0	0	0	0	13
				11—27	0	0	0	0	0	5	10	1	1	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	0	0	0	2	1	15	10	1	1	0	0	0	30
0900	1	0	0	1—10	1	0	0	0	0	2	2	6	2	4	0	1	18
				11—27	0	0	0	0	0	1	0	5	6	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	1	0	0	0	0	3	2	11	8	4	0	1	30
1200	0	0	0	1—10	3	0	0	0	0	0	1	1	2	2	6	3	18
				11—27	0	0	0	0	0	1	0	0	12	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	3	0	0	0	0	1	1	1	14	2	6	3	31
1500	0	0	0	1—10	5	4	0	0	0	1	0	1	5	1	1	1	19
				11—27	0	0	0	0	0	1	0	0	7	1	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	5	4	0	0	0	2	0	1	12	2	4	1	31
1800	0	0	0	1—10	0	0	3	7	4	4	2	0	0	0	0	0	20
				11—27	0	0	1	0	0	1	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	0	0	4	7	4	5	2	3	3	3	0	0	31
2100	0	0	0	1—10	0	0	1	1	6	10	1	1	0	0	0	0	20
				11—27	0	0	0	0	0	3	2	2	2	0	1	0	10
				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	0	0	1	1	6	13	3	4	2	0	1	0	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) — DECEMBER 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	0	0	0	0	1	1	0	4	5	0	1	0	12
				11–27	0	0	0	0	0	0	3	3	2	1	0	0	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	0	0	0	0	1	1	3	8	7	1	1	0	22
0300	9	0	0	1–10	0	0	0	1	1	1	0	4	6	2	0	0	15
				11–27	0	0	0	0	0	0	0	6	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	0	0	0	1	1	1	0	10	7	2	0	0	22
0600	7	0	0	1–10	0	0	0	1	1	0	1	2	9	0	0	0	14
				11–27	0	0	0	0	0	0	1	5	3	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	0	0	0	1	1	6	2	7	12	1	0	0	24
0900	3	0	0	1–10	1	1	0	1	2	1	2	1	2	2	0	1	14
				11–27	0	0	0	0	1	0	0	5	6	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	1	1	0	1	3	1	2	6	8	4	0	1	28
1200	2	0	0	1–10	1	0	2	2	0	0	0	2	1	1	1	3	13
				11–27	1	0	0	0	0	1	0	2	9	0	1	1	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	2	0	2	2	0	1	0	4	11	1	2	4	29
1500	3	0	0	1–10	4	2	1	0	0	0	0	1	5	3	1	0	17
				11–27	2	0	0	0	0	0	2	2	5	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	6	2	1	0	0	0	2	3	10	3	1	0	28
1800	6	0	0	1–10	2	3	2	0	0	0	1	4	1	1	2	2	18
				11–27	0	0	0	0	0	0	3	1	1	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	2	3	2	0	0	0	4	5	2	3	2	2	25
2100	11	0	0	1–10	0	0	0	0	0	1	4	1	5	1	1	2	15
				11–27	0	0	0	0	0	0	1	2	1	0	0	0	4
				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	0	0	0	0	1	5	3	7	1	1	2	20

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

CAIRO (A) — DECEMBER 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	1	4	1	3	2	3	1	0	0	1	16
				11—27	0	0	0	0	1	1	7	3	0	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	0	0	1	4	2	4	9	6	1	0	0	1	28
0300	3	0	0	1—10	1	0	1	4	1	1	5	5	0	0	1	1	20
				11—27	0	0	0	0	0	0	6	2	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	1	0	1	4	1	1	11	7	0	0	1	1	28
0600	5	0	0	1—10	1	0	0	2	0	2	2	4	0	0	2	1	14
				11—27	0	0	0	1	1	0	7	3	0	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	1	0	0	3	1	2	9	7	0	0	2	1	26
0900	0	0	0	1—10	2	4	0	0	0	0	1	2	1	1	1	4	16
				11—27	0	0	0	0	0	0	1	10	3	0	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	2	4	0	0	0	0	2	12	4	1	2	4	31
1200	0	0	0	1—10	3	1	2	0	0	0	0	1	3	2	1	2	15
				11—27	1	0	0	0	0	0	0	8	3	2	1	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	1	2	0	0	0	0	9	6	4	2	3	31
1500	1	0	0	1—10	4	1	1	0	0	0	0	2	1	5	3	2	19
				11—27	1	0	0	0	0	0	0	5	4	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	5	1	1	0	0	0	0	7	5	6	3	2	30
1800	1	0	0	1—10	4	0	2	2	3	5	1	2	5	1	0	0	25
				11—27	0	0	0	0	0	0	3	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	4	0	2	2	3	5	4	2	7	1	0	0	30
2100	2	0	0	1—10	2	0	2	2	1	3	3	6	0	1	0	0	20
				11—27	0	0	0	1	0	2	3	2	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	2	0	2	3	1	5	6	8	1	1	0	0	29

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

MOSTAFA HELMI (A) — DECEMBER 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	3	2	0	1	2	1	2	4	1	2	2	2	22
				11—27	0	0	0	0	0	0	0	3	5	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	3	2	0	1	2	1	2	7	6	3	2	2	31
0300	0	0	0	1—10	0	2	2	1	1	1	1	4	5	1	2	3	23
				11—27	0	0	0	0	0	0	0	3	5	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	2	1	1	1	1	7	10	1	2	3	31
0600	0	0	0	1—10	2	2	0	0	3	0	5	1	3	2	0	2	20
				11—27	0	0	0	0	0	0	0	3	8	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	2	2	0	0	3	0	5	4	11	0	0	2	31
0900	2	0	0	1—10	1	1	0	0	2	0	0	1	1	1	1	1	9
				11—27	0	4	0	0	0	1	0	2	8	3	1	0	19
				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	5	0	0	2	1	0	3	10	4	3	1	29
1200	0	0	0	1—10	2	2	0	0	2	0	0	0	0	1	2	1	10
				11—27	1	2	1	0	0	0	0	1	9	3	3	0	20
				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	4	1	0	2	0	0	2	9	4	5	1	31
1500	0	0	0	1—10	1	7	1	0	0	0	0	1	1	2	2	0	15
				11—27	1	3	0	0	0	0	0	1	4	4	1	1	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	2	10	1	0	0	0	0	2	6	6	3	1	31
1800	0	0	0	1—10	3	2	2	2	2	0	1	4	1	4	1	1	23
				11—27	0	0	1	0	0	0	1	2	3	0	0	0	7
				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	3	2	2	0	2	6	5	4	1	1	31
2100	0	0	0	1—10	3	3	1	0	1	1	3	2	2	4	2	0	22
				11—27	0	0	0	1	0	0	0	6	1	0	0	0	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	3	3	1	1	1	1	3	8	4	4	2	0	31

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

ALMAZA (A) — DECEMBER 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	1	3	5	1	4	2	2	1	0	21
				11–27	0	0	0	0	0	1	0	6	1	0	0	0	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	1	0	1	1	3	6	1	10	4	2	1	0	30
0300	3	0	0	1–10	2	2	0	0	1	6	1	9	3	0	0	0	24
				11–27	0	0	0	0	0	0	0	3	1	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	2	0	0	1	6	1	12	4	0	0	0	28
0600	5	0	0	1–10	0	2	0	1	1	0	2	9	4	0	0	0	19
				11–27	0	0	0	0	1	1	0	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	0	2	0	1	2	1	2	13	5	0	0	0	26
0900	0	0	0	1–10	2	6	1	0	0	0	0	1	2	3	1	1	17
				11–27	0	0	0	0	0	0	0	6	6	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	2	6	1	0	0	0	0	7	8	4	2	1	31
1200	0	0	0	1–10	0	3	1	0	1	0	0	1	1	3	3	2	15
				11–27	1	1	1	0	0	0	0	6	5	2	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	1	4	2	0	1	0	0	7	6	5	3	2	31
1500	0	0	0	1–10	3	7	2	0	0	0	0	4	3	4	3	0	26
				11–27	0	1	0	0	0	0	0	1	1	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	8	2	0	0	0	0	5	4	6	3	0	31
1800	0	0	0	1–10	1	3	3	1	3	2	3	3	4	1	1	0	25
				11–27	0	0	0	0	0	0	1	2	2	0	0	0	5
				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	3	3	1	3	2	4	5	7	1	1	0	31
2100	2	0	0	1–10	0	1	1	0	4	3	3	5	5	1	0	0	23
				11–27	0	0	0	0	0	1	0	3	2	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	1	0	4	4	3	8	7	1	0	0	29

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

ABBASIYA (H.Q)—DECEMBER 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	1	0	0	1	0	2	7	3	3	1	0	0	18
				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	0	1	0	2	8	4	3	1	0	0	20
0300	13	0	0	1—10	2	0	0	1	0	5	2	4	1	0	0	0	15
				11—27	0	0	0	0	0	0	2	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	2	0	0	1	0	5	4	5	1	0	0	0	18
0600	12	0	0	1—10	1	0	0	2	0	2	10	2	0	0	0	0	17
				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	0	2	0	2	11	3	0	0	0	0	19
0900	2	0	0	1—10	3	2	0	0	0	1	3	4	3	0	1	3	20
				11—27	0	0	0	0	0	1	2	3	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	3	2	0	0	0	2	5	7	5	1	1	3	29
1200	2	0	0	1—10	3	2	0	1	0	0	1	3	4	2	2	3	21
				11—27	0	0	0	0	0	2	1	4	1	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	3	2	0	1	0	2	2	7	5	2	2	3	29
1500	4	0	0	1—10	5	2	0	0	0	0	4	2	3	4	1	3	24
				11—27	0	0	0	0	0	1	0	0	2	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	0	0	0	1	4	2	5	4	1	3	27
1800	10	0	0	1—10	3	2	0	0	1	1	4	3	2	3	0	0	19
				11—27	0	0	0	0	0	1	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	3	2	0	0	1	2	4	3	3	3	0	0	21
2100	15	0	0	1—10	1	0	1	0	1	0	4	5	2	0	0	0	14
				11—27	0	0	0	0	0	0	2	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	0	1	0	1	0	6	5	2	0	0	0	16

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

GIZA — DECEMBER 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	0	0	0	0	0
				11-27	0	0	0	0	0	0	0	0	0	0	0	0	0
0000	0	0	31	28-47	0	0	0	0	0	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**
				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
0300	0	0	31	28-47	0	0	0	0	0	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**
				1-10	1	1	0	0	0	4	15	0	0	1	1	5	**28**
				11-27	0	0	0	0	0	0	0	1	0	0	0	0	1
0600	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**	**1**	**0**	**0**	**0**	**4**	**15**	**1**	**0**	**1**	**1**	**5**	**29**
				1-10	3	3	0	0	1	1	8	0	0	1	0	3	**20**
				11-27	0	1	0	0	0	1	3	4	1	1	0	0	11
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	**3**	**4**	**0**	**0**	**1**	**2**	**11**	**4**	**1**	**2**	**0**	**3**	**31**
				1-10	3	4	0	0	0	1	0	2	1	4	5	1	**21**
				11-27	0	0	0	0	0	0	0	6	3	0	0	1	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	**3**	**4**	**0**	**0**	**0**	**1**	**0**	**8**	**4**	**4**	**5**	**2**	**31**
				1-10	6	2	0	0	0	0	2	4	4	4	2	3	27
				11-27	0	0	0	0	0	0	0	1	0	0	0	0	1
1500	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	**6**	**2**	**0**	**0**	**0**	**0**	**2**	**5**	**4**	**4**	**2**	**3**	**28**
				1-10	3	2	1	0	1	1	5	3	3	1	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	**3**	**2**	**1**	**0**	**1**	**1**	**5**	**3**	**3**	**1**	**1**	**2**	**23**
				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
2100	0	0	31	28-47	0	0	0	0	0	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 — DECEMBER 1960

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	3	3	2	3	2	1	2	3	2	1	0	0	22
				11—27	0	0	1	0	0	0	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	3	3	3	3	2	1	3	4	2	1	0	0	25
0300	10	0	0	1—10	2	3	2	2	3	2	2	2	1	0	0	1	20
				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	2	3	2	2	3	2	2	3	1	0	0	1	21
0600	7	0	0	1—10	3	3	1	2	2	5	4	0	1	0	0	0	21
				11—27	0	0	0	1	0	0	0	2	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	3	1	3	2	5	4	2	1	0	0	0	24
0900	4	0	0	1—10	0	2	0	2	0	0	5	3	0	1	1	0	14
				11—27	3	0	0	0	0	0	5	1	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	3	2	0	2	0	0	10	4	1	1	1	3	27
1200	2	0	0	1—10	1	1	0	0	0	1	2	1	1	2	0	0	9
				11—27	4	2	0	0	0	0	.	6	2	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	5	3	0	0	0	1	7	7	3	2	1	0	29
1500	3	0	0	1—10	2	1	0	0	0	0	3	4	2	0	3	2	17
				11—27	2	3	0	0	0	0	1	3	1	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	4	4	0	0	0	0	4	7	3	1	3	2	28
1800	3	0	0	1—10	5	2	0	0	0	0	3	5	2	2	3	1	23
				11—27	1	2	0	0	0	0	0	0	1	0	0	0	4
				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	6	4	0	0	0	0	3	6	3	2	3	1	28
2100	4	0	0	1—10	3	5	3	0	2	0	2	6	1	0	1	1	24
				11—27	1	0	1	0	0	0	0	0	0	0	0	0	2
				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	4	0	2	0	2	7	1	0	1	1	27

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

MINYA (A) — DECEMBER 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	10	0	0	0	0	8	2	1	0	3	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	10	0	0	0	0	8	2	1	0	3	2	2	28
0300	4	0	0	1—10	7	1	0	0	0	10	4	0	1	0	0	3	26
				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	1	0	0	0	10	4	0	1	0	0	3	27
0600	3	0	0	1—10	1	0	1	0	0	7	6	1	1	0	1	6	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	5	0	1	0	0	7	6	1	1	0	1	6	28
0900	2	0	0	1—10	1	2	0	0	0	2	4	3	2	4	3	1	22
				11—27	3	2	0	0	0	0	1	0	0	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	4	4	0	0	0	2	5	3	2	5	3	1	29
1200	1	0	0	1—10	4	1	1	0	0	0	3	3	1	3	3	3	22
				11—27	2	2	0	0	0	0	1	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	6	3	1	0	0	0	4	3	3	4	3	3	30
1500	2	0	0	1—10	9	0	0	0	2	3	0	2	2	4	2	3	27
				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	10	0	0	0	2	3	0	2	2	5	2	3	29
1800	1	0	0	1—10	9	1	0	0	0	5	4	0	4	2	2	2	29
				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	1	0	0	0	5	4	0	4	2	2	2	30
2100	3	0	0	1—10	9	0	1	1	1	4	2	1	1	2	0	5	27
				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	9	0	1	1	1	4	2	1	2	2	0	5	28

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

ASYOUT (A) — DECEMBER 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	0	1	3	2	0	0	0	9	6	0	21
				11—27	0	0	0	0	0	0	0	1	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**	**0**	**1**	**3**	**2**	**0**	**1**	**0**	**11**	**6**	**0**	**24**
0300	8	0	0	1—10	0	0	0	0	3	2	0	0	1	8	6	1	21
				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**	**3**	**2**	**0**	**0**	**1**	**9**	**7**	**1**	**23**
0600	13	0	0	1—10	1	0	0	1	0	2	1	0	2	4	6	0	17
				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**	**0**	**0**	**1**	**0**	**2**	**1**	**0**	**2**	**5**	**6**	**0**	**18**
0900	13	0	0	1—10	1	0	0	1	0	0	0	0	1	2	5	5	15
				11—27	0	0	0	0	0	1	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	**1**	**0**	**0**	**1**	**0**	**1**	**0**	**0**	**1**	**2**	**6**	**6**	**18**
1200	5	0	0	1—10	2	0	1	1	0	0	1	0	2	0	3	7	17
				11—27	0	0	0	0	0	0	1	0	0	1	4	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**	**0**	**1**	**1**	**0**	**0**	**2**	**0**	**2**	**1**	**7**	**10**	**26**
1500	6	0	0	1—10	0	0	1	0	0	0	1	0	0	2	10	6	20
				11—27	0	0	0	0	0	0	1	0	0	1	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	**0**	**0**	**1**	**0**	**0**	**0**	**2**	**0**	**0**	**3**	**11**	**8**	**25**
1800	5	0	0	1—10	0	0	0	0	0	0	1	1	5	9	7	1	24
				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**	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**5**	**11**	**7**	**1**	**26**
2100	9	0	0	1—10	1	0	0	0	0	1	0	0	2	8	4	2	18
				11—27	0	0	0	0	0	0	0	1	1	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	**1**	**0**	**0**	**0**	**0**	**1**	**0**	**1**	**3**	**9**	**5**	**2**	**22**

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

LUXOR (A) — DECEMBER 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	17	0	0	1—10	0	1	1	0	1	1	3	6	0	1	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	0	1	1	0	1	1	3	6	0	1	0	0	14
0300	20	0	0	1—10	2	0	0	2	0	1	1	3	2	0	0	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	2	0	0	2	0	1	1	3	2	0	0	0	11
0600	21	0	0	1—10	0	0	1	1	0	1	0	2	1	2	0	2	10
				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	1	0	1	0	2	1	2	0	2	10
0900	7	0	0	1—10	10	2	4	1	0	2	0	0	0	2	1	2	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	10	2	4	1	0	2	0	0	0	2	1	2	24
1200	0	0	0	1—10	10	3	0	0	0	0	0	1	1	0	9	7	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	10	3	0	0	0	0	0	1	1	0	9	7	31
1500	18	0	0	1—10	5	2	1	0	0	0	0	0	0	0	2	3	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	5	2	1	0	0	0	0	0	0	0	2	3	13
1800	13	0	0	1—10	0	0	1	1	0	0	3	4	3	1	1	3	17
				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	1	0	1	1	0	0	3	4	3	1	1	3	18
2100	12	0	0	1—10	1	0	0	0	2	0	2	6	7	0	0	1	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	0	0	0	2	0	2	6	7	0	0	1	19

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

ASWAN (A) — DECEMBER 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	15	9	0	0	0	0	0	0	0	0	4	1	29
				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	9	0	0	0	0	0	0	0	0	4	1	31
0300	0	0	0	1—10	22	7	0	0	0	0	0	0	0	0	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	22	7	0	0	0	0	0	0	0	0	2	0	31
0600	1	0	0	1—10	19	6	0	1	0	0	0	0	0	0	2	0	28
				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	20	7	0	1	0	0	0	0	0	0	2	0	30
0900	0	0	0	1—10	4	12	2	0	0	0	1	0	0	0	0	0	19
				11—27	3	8	0	0	0	0	0	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	7	20	2	0	0	0	1	0	0	0	0	1	31
1200	0	0	0	1—10	7	17	2	0	0	0	1	0	0	0	0	0	27
				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	18	2	0	0	0	1	0	0	0	0	0	31
1500	0	0	0	1—10	14	6	1	0	0	0	0	0	0	0	1	3	25
				11—27	5	0	0	0	0	0	1	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	19	6	1	0	0	0	1	0	0	0	1	3	31
1800	0	0	0	1—10	14	7	0	0	0	0	0	0	0	0	1	3	26
				11—27	3	0	0	0	0	1	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	17	7	0	0	0	1	0	0	0	0	1	5	31
2100	1	0	0	1—10	16	6	0	0	0	0	0	0	0	0	2	1	25
				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	19	6	0	0	0	0	0	0	0	0	4	1	30

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

SIWA — DECEMBER 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	11	0	0	1—10	0	0	0	2	1	0	0	0	0	8	3	0	14
				11—27	0	0	0	0	0	0	1	2	0	1	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	0	0	0	2	1	0	1	2	0	9	5	0	20
0300	11	0	0	1—10	0	0	0	1	3	0	0	1	3	9	1	0	18
				11—27	0	0	0	0	0	0	1	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	0	1	3	0	1	1	3	10	1	0	20
0600	17	0	0	1—10	0	0	0	2	2	0	0	0	2	6	0	0	12
				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	0	0	0	2	2	0	1	0	3	6	0	0	14
0900	7	0	0	1—10	0	0	0	0	2	2	0	2	1	3	4	0	14
				11—27	0	0	0	0	0	0	0	1	4	3	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	0	0	0	0	2	2	0	3	5	6	6	0	24
1200	0	0	0	1—10	2	0	0	0	2	3	3	1	3	0	1	0	15
				11—27	1	0	0	0	0	0	1	0	2	7	4	0	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	0	0	0	2	3	4	1	5	8	5	0	31
1500	3	0	0	1—10	0	0	0	0	2	4	0	2	2	6	4	1	21
				11—27	0	0	0	0	0	0	0	0	1	3	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	0	0	0	0	2	4	0	2	3	10	5	2	28
1800	8	0	0	1—10	1	0	0	2	1	1	4	3	1	6	2	0	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	1	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	1	0	0	2	1	1	4	3	1	8	2	0	23
2100	9	0	0	1—10	0	0	0	1	2	0	3	1	4	6	2	0	19
				11—27	0	0	0	0	0	0	0	2	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	0	0	1	2	0	3	3	4	7	2	0	22

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

BAHARIYA — DECEMBER 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	15	0	0	1—10	2	1	0	0	1	0	0	1	1	5	0	1	12
				11—27	0	1	0	0	0	0	0	0	0	1	1	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	2	2	0	0	1	0	0	1	2	6	1	1	16
0300	17	0	0	1—10	1	0	0	0	0	0	0	0	2	7	0	1	11
				11—27	1	0	0	0	0	1	0	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	2	0	0	0	0	1	0	0	2	8	0	1	14
0600	17	0	0	1—10	1	0	0	0	0	0	1	1	2	4	0	1	10
				11—27	0	0	0	0	0	0	1	0	2	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	1	0	0	0	0	0	2	1	4	4	0	2	14
0900	9	0	0	1—10	2	2	0	0	1	0	0	2	0	4	1	1	13
				11—27	1	1	0	0	0	0	1	0	1	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	3	3	0	0	1	0	1	2	1	9	1	1	22
1200	2	0	0	1—10	4	6	0	0	0	1	1	0	0	1	1	1	15
				11—27	0	0	0	0	0	0	0	1	2	7	1	2	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	4	6	0	0	0	1	1	1	2	9	2	3	29
1500	3	0	0	1—10	5	1	1	0	0	1	0	1	0	5	1	3	18
				11—27	0	0	0	0	0	0	0	0	1	4	3	1	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	5	1	1	0	0	1	0	1	1	10	4	4	28
1800	7	0	0	1—10	4	1	1	0	1	1	0	1	2	9	0	3	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	1	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	1	1	0	1	1	0	1	2	10	0	3	24
21	9	0	0	1—10	4	2	0	1	0	1	0	1	0	9	1	1	20
				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	1	0	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	4	2	0	1	0	1	0	1	1	9	1	2	22

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

FARAFRA — DECEMBER 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 / 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	12	0	0	1–10	3	1	0	0	0	2	3	2	4	4	1	0	17
				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	1	0	0	1
				≥48	0	0	0	0	0	0	0	0	0	0	0	0	0
				All speeds	3	2	0	0	0	2	0	2	4	5	1	0	19
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	20	0	4	1–10	1	0	0	0	0	1	0	2	4	2	0	0	10
				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	0	0	0	0	1	0	2	4	3	0	0	11
0900	13	0	0	1–10	2	1	1	1	1	0	1	1	4	2	2	0	16
				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	2	1	1	1	1	0	1	1	4	2	3	1	18
1200	7	0	0	1–10	3	3	0	0	3	0	0	0	4	2	1	3	19
				11–27	0	1	0	0	0	0	0	0	2	1	2	0	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	3	4	0	0	3	0	0	0	6	4	3	3	26
1500	3	0	0	1–10	6	2	1	3	1	0	0	1	1	6	2	2	25
				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	6	2	1	3	1	0	0	1	2	7	3	2	28
1800	5	0	0	1–10	4	3	0	0	2	0	0	0	3	7	4	2	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	4	3	0	0	2	0	0	1	3	7	4	2	26
2100	12	0	0	1–10	3	3	0	1	0	1	0	1	3	4	1	1	18
				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	3	3	0	1	0	1	0	1	4	4	1	1	19

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

DAKHLA — DECEMBER 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 / 011	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	0	0	0	1	0	0	1	1	3	7	7	2	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	**0**	**0**	**0**	**1**	**0**	**0**	**1**	**1**	**3**	**7**	**7**	**2**	**22**
0300	12	0	0	1—10	1	0	0	0	1	1	2	0	0	4	8	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	**1**	**0**	**0**	**0**	**1**	**1**	**2**	**0**	**0**	**4**	**8**	**2**	**19**
0600	11	0	0	1—10	0	2	0	1	1	0	1	0	0	7	5	3	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**	**2**	**0**	**1**	**1**	**0**	**1**	**0**	**0**	**7**	**5**	**3**	**20**
0900	0	0	0	1—10	2	1	1	0	4	1	0	1	2	3	3	11	29
				11—27	0	0	0	0	1	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	**2**	**1**	**1**	**0**	**5**	**1**	**0**	**1**	**2**	**3**	**4**	**11**	**31**
1200	0	0	0	1—10	5	0	0	1	1	3	0	0	1	2	4	12	29
				11—27	0	0	0	0	0	0	0	1	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	**5**	**0**	**0**	**1**	**1**	**3**	**0**	**1**	**1**	**2**	**4**	**13**	**31**
1500	1	0	0	1—10	9	1	1	0	0	0	1	0	0	4	4	8	28
				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	**10**	**1**	**1**	**0**	**0**	**0**	**1**	**0**	**0**	**4**	**5**	**8**	**30**
1800	4	0	0	1—10	3	0	0	0	0	0	2	3	3	6	5	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	**3**	**0**	**0**	**0**	**0**	**0**	**2**	**3**	**3**	**6**	**5**	**5**	**27**
2100	10	0	0	1—10	0	0	0	0	2	0	1	3	2	4	7	1	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**	**0**	**0**	**0**	**2**	**0**	**1**	**3**	**2**	**4**	**8**	**1**	**21**

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

KHARGA — DECEMBER 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	30	0	0	1—10	1	0	0	0	0	0	0	0	0	0	0	0	1
				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	0	0	0	0	0	0	0	1
0900	11	0	0	1—10	10	1	3	3	0	0	1	0	0	1	0	0	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	10	2	3	3	0	0	1	0	0	1	0	0	20
1200	7	0	0	1—10	11	6	0	1	1	0	0	0	0	2	0	1	22
				11—27	0	0	0	0	0	1	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	11	6	0	1	1	1	0	0	0	2	0	2	24
1500	14	0	0	1—10	11	0	0	0	0	2	1	0	0	0	0	2	16
				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	12	0	0	0	0	2	1	0	0	0	0	2	17
1800	25	0	0	1—10	5	0	0	0	0	0	0	0	0	0	0	0	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	6	0	0	0	0	0	0	0	0	0	0	0	6
2100	30	0	0	1—10	1	0	0	0	0	0	0	0	0	0	0	0	1
				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	0	0	0	0	0	0	0	1

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

TOR — DECEMBER 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	7	3	2	0	0	0	0	0	0	0	1	1	14
				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	7	3	2	0	0	0	0	0	0	0	3	3	18
0300	10	0	0	1—10	7	8	2	0	0	0	0	0	0	0	1	2	20
				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	7	8	2	0	0	0	0	0	0	0	1	3	21
0600	5	0	0	1—10	7	14	0	1	0	0	0	0	0	0	2	1	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	7	14	0	1	0	0	0	0	0	0	2	2	26
0900	8	0	0	1—10	3	4	0	0	0	0	0	0	0	0	5	4	16
				11—27	1	0	0	0	0	0	1	0	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	4	4	0	0	0	0	1	0	0	0	6	8	23
1200	2	0	0	1—10	0	0	0	0	0	0	1	0	0	4	12	3	20
				11—27	0	0	0	0	0	0	0	0	0	1	6	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	0	0	0	0	0	0	2	0	0	5	18	4	29
1500	8	0	0	1—10	2	2	0	0	0	0	1	0	0	2	4	6	17
				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	3	2	0	0	0	0	1	0	0	2	5	10	23
1800	17	0	0	1—10	5	2	0	1	0	0	0	0	0	1	1	2	12
				11—27	0	0	0	0	0	1	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	5	2	0	1	0	1	0	0	0	1	1	3	14
2100	17	0	0	1—10	5	3	0	0	0	1	0	0	0	0	1	2	12
				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	6	3	0	0	0	1	0	0	0	0	1	3	14

TABLE A .01— NUMBER OF OCCURRENCES OF CONCURRENT SURFACE WIND SPEED AND DIRECTION OBSERVED WITHIN SPECIFIED RANGES AT THE SYNOPTIC HOURS.

HURGHADA — DECEMBER 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	0	6	15	0	21
				11—27	0	0	0	0	0	0	0	0	0	3	6	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	0	0	0	0	0	0	0	0	0	9	21	1	31
0300	0	0	0	1—10	0	0	0	0	0	0	0	0	2	4	10	0	16
				11—27	0	0	0	0	0	0	0	0	0	4	11	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	0	0	0	0	0	0	0	2	8	21	0	31
0600	1	0	0	1—10	0	0	0	0	0	0	0	0	0	7	9	0	16
				11—27	0	0	0	0	0	0	0	0	0	0	14	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	0	0	0	0	0	0	7	23	0	30
0900	0	0	0	1—10	0	0	0	0	0	0	0	0	0	0	4	9	13
				11—27	0	0	0	0	1	0	0	0	0	0	7	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	0	0	0	0	1	0	0	0	0	0	11	19	31
1200	0	0	0	1—10	7	3	0	0	1	0	0	0	0	0	0	1	12
				11—27	0	0	0	0	1	0	0	0	0	0	13	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	7	3	0	0	2	0	0	0	0	0	13	6	31
1500	1	0	0	1—10	0	1	2	2	1	0	0	0	0	0	8	5	19
				11—27	0	0	0	0	1	0	0	0	0	0	5	5	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	1	2	2	3	0	0	0	0	0	13	10	30
1800	1	0	0	1—10	0	0	0	0	1	0	0	2	4	1	5	0	13
				11—27	0	0	0	0	0	0	0	0	0	0	17	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	0	0	0	0	1	0	0	2	4	1	22	0	30
2100	1	0	0	1—10	0	0	0	0	0	0	1	0	1	9	5	0	16
				11—27	0	0	0	0	0	0	0	0	0	6	8	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	0	0	0	1	0	1	15	13	0	30

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

QUSEIR — DECEMBER 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	0	0	22	1	0	23
				11—27	0	0	0	0	0	0	0	0	0	3	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	0	0	0	0	0	0	0	0	0	25	2	2	29
0300	0	0	0	1—10	0	0	0	0	0	0	0	0	0	20	4	0	24
				11—27	1	0	0	0	0	0	0	0	0	4	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	1	0	0	0	0	0	0	0	0	24	4	2	31
0600	1	0	0	1—10	0	0	0	0	0	0	0	0	1	19	3	2	25
				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	0	0	0	0	0	0	0	0	1	20	4	5	30
0900	1	0	0	1—10	3	2	2	1	0	0	0	0	0	4	3	1	16
				11—27	7	0	0	0	0	0	0	0	0	2	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	10	2	2	1	0	0	0	0	0	6	3	6	30
1200	0	0	0	1—10	5	5	2	5	0	0	0	0	0	2	0	0	19
				11—27	10	0	0	1	0	0	0	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	15	5	2	6	0	0	0	0	0	2	0	1	31
1500	5	0	0	1—10	11	2	1	2	0	1	0	1	0	0	0	1	19
				11—27	5	0	0	0	0	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	16	2	1	2	0	2	0	1	0	0	0	2	26
1800	2	0	0	1—10	2	0	0	1	0	1	1	0	0	17	3	0	25
				11—27	0	0	0	0	0	0	1	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	2	0	0	1	0	1	2	0	0	18	3	2	29
2100	2	0	0	1—10	0	0	0	0	0	0	2	1	0	19	2	2	26
				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	0	0	0	0	0	0	2	1	0	21	2	3	29

TABLE B 1.—UPPER AIR CLIMATOLOGICAL DATA

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

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.	1019mb.	1005mb.	28	12.2	16.6	8.5	28	6.1
1000	28	149	201	83	27	13.7	19.0	8.4	27	6.7
850	28	1507	1571	1414	27	6.7	14.6	1.3	25	— 1.8
700	28	3079	3160	2947	28	— 1.5	4.2	— 8.5	21	—11.1
600	28	4289	4386	4121	28	— 9.2	— 2.2	—17.9	17	—16.8
500	28	5676	5792	5458	28	—18.8	—13.9	—26.3	14	—24.8
400	28	7302	7438	7021	28	—30.7	—20.9	—40.4	9	—31.5
300	28	9284	9446	8967	28	—44.7	—37.2	—48.7	—	—
200	27	11910	12113	11689	27	—56.3	—47.9	—68.0	—	—
150	24	13722	13888	13551	24	—59.7	—48.5	—73.1	—	—
100	15	16237	16336	16113	15	—65.8	—60.3	—73.0	—	—
60	7	19373	19436	19323	7	—62.5	—55.7	—68.6	—	—
40	3	21892	21941	21811	3	—60.8	—53.0	—71.0	—	—
30	2	23635	23749	23522	2	—62.1	—55.0	—69.0	—	—
20	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—

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

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

TABLE B 1.—UPPER AIR CLIMATOLOGICAL DATA

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

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	1012mb.	1019mb.	1004mb.	30	18.5	24.7	13.3	30	8.5
1000	30	147	205	76	30	17.5	23.6	13.4	30	7.8
850	30	1510	1579	1430	30	7.6	14.0	2.3	27	— 0.4
700	30	3086	3165	2994	30	— 1.2	5.5	— 9.1	21	—10.3
600	30	4300	4388	4169	30	— 8.5	— 2.4	—16.1	16	—17.9
500	30	5688	5798	5522	30	—17.8	—12.3	—15.0	13	—23.0
400	30	7322	7459	7118	30	—29.8	—23.2	—36.3	14	—35.1
300	29	9314	9495	9074	29	—44.4	—39.3	—48.8	—	—
200	24	11934	12101	11714	24	—55.4	—49.0	—62.1	—	—
150	20	13768	13911	13571	20	—59.8	—53.7	—67.3	—	—
100	18	16274	16417	16062	18	—64.0	—58.4	—68.0	—	—
60	7	19418	19536	19325	7	—62.4	—59.4	—64.9	—	—
40	1	21992	21992	21992	1	—57.1	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—

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

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

TABLE B 1.—UPPER AIR CLIMATOLOGICAL DATA

HELWAN — 0000 U.T. — DECEMBER 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	1001mb.*	1006mb.*	993mb.*	30	12.3	17.5	8.4	30	4.2
1000	30	146	191	84	20	12.7	16.8	8.5	20	4.8
850	30	1504	1555	1427	30	7.9	15.3	2.8	30	— 2.5
700	30	3086	3149	2999	30	1.1	6.7	— 9.4	15	—12.3
600	30	4307	4379	4197	30	— 6.2	— 0.1	—16.2	9	—18.0
500	30	5709	5800	5565	30	—15.9	—11.2	—21.9	19	—25.0
400	30	7353	7472	7180	30	—28.0	—20.5	—32.7	11	—33.3
300	30	9357	9542	9165	30	—42.6	—35.7	—47.8	2	—40.2
200	30	12007	12226	11800	30	—56.2	—49.5	—62.5	—	—
150	30	13813	13976	13627	30	—61.7	—52.6	—71.7	—	—
100	25	16286	16432	16130	25	—67.4	—60.6	—73.2	—	—
60	13	19401	19522	19305	13	—63.0	—58.4	—70.7	—	—
40	7	21920	21985	21853	7	—57.5	—55.3	—60.0	—	—
30	4	23747	23775	23717	4	—54.8	—50.3	—59.0	—	—
20	3	26355	26365	26348	3	—51.1	—47.6	—53.5	—	—
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. — DECEMBER 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	1000mb*	1005mb.*	985mb.*	30	19.9	28.0	15.4	30	4.5
1000	30	137	183	20	17	20.4	27.8	16.3	17	4.6
850	30	1497	1554	1398	30	8.5	19.0	2.5	27	— 4.8
700	30	3088	3171	3017	30	1.6	6.7	— 5.0	12	—13.4
600	30	4313	4412	4225	30	— 6.0	3.2	—12.2	10	—18.1
500	30	5715	5828	5605	30	—15.9	— 9.8	—21.4	8	—24.6
400	30	7359	7490	7208	30	—27.7	—19.2	—34.2	7	—30.6
300	29	9369	9532	9191	29	—42.3	—35.0	—48.1	—	—
200	25	12034	12246	11844	25	—55.0	—46.7	—61.2	—	—
150	22	13851	14055	13637	22	—61.7	—55.0	—70.6	—	—
100	18	16321	16444	16138	18	—67.8	—62.3	—73.1	—	—
60	11	19440	19519	19370	11	—62.8	—56.8	—69.0	—	—
40	7	21990	22043	21945	7	—58.0	—53.1	—63.3	—	—
30	5	23812	23880	23775	5	—55.8	—52.6	—60.7	—	—
20	3	26456	26545	26401	3	—48.6	—45.0	—51.6	—	—
10	—	—	—	—	—	—	—	—	—	—

N = Imber of observations of specified pressure surfaces.

* Thatmospheric pressure corrected to the elevation of the radiosonde station.

TABLE B 1.—UPPER AIR CLIMATOLOGICAL DATA

ASWAN (A) — 0000 U.T. — DECEMBER 1962

Pressure surface (millibar)	Altitude of pressure surfaces (gpm.)				Temperature (°C)				Dew point (C°)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
		*	*	*						
Surface of station . .	31	993mb.	996mb.	986mb.	31	12.6	20.6	7.5	31	−1.6
1000	—	—	—	—	—	—	—	—	—	—
850	31	1491	1533	1442	31	10.5	17.1	1.6	20	−5.3
700	31	3088	3147	3011	31	2.8	9.4	−2.6	8	−14.0
600	31	4319	4386	4223	31	−4.6	0.0	−9.0	7	−18.3
500	31	5733	5821	5601	31	−13.6	−9.5	−21.6	8	−25.7
400	31	7392	7529	7218	31	−24.9	−16.2	−32.2	8	−33.7
300	30	9416	9577	9197	30	−39.3	−33.2	−45.5	1	−43.2
200	29	12087	12292	11877	29	−55.7	−51.2	−65.4	—	—
150	29	13862	14088	13683	29	−67.4	−59.0	−76.8	—	—
100	28	16250	16515	16052	28	−75.4	−71.6	−81.6	—	—
60	15	19226	19465	18941	15	−67.0	−58.9	−74.0	—	—
40	10	21723	21920	21455	10	−59.4	−43.5	−64.1	—	—
30	2	23429	23454	23404	2	−60.8	−60.0	−61.7	—	—
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. — DECEMBER 1962

Pressure surface (millibar)	Altitude of pressure surfaces (gpm.)				Temperature (°C)				Dw point (°C)	
	N	Mean	Highest	Lowest	N	Mean	Highest	Lowest	N	Mean
		*	*	*						
Surface of station . .	31	992mb.	996mb.	986mb.	31	21.4	31.2	20.1	31	3.9
1000	—	—	—	—	—	—	—	—	—	—
850	31	1512	1543	1471	31	13.8	21.3	6.7	13	−10.5
700	31	3122	3167	3074	31	5.6	10.8	1.0	3	−11.7
600	31	4365	4417	4308	31	−1.5	2.9	−6.4	2	−13.7
500	31	5792	5865	5704	31	−11.3	−7.2	−18.6	3	−25.9
400	31	7484	7567	7336	31	−22.8	−18.2	−29.6	1	−38.0
300	31	9522	9650	9349	31	−37.0	−31.6	−43.3	1	−41.4
200	31	12220	12386	12068	31	−55.1	−49.2	−60.2	-	—
150	31	14009	14200	13882	31	−65.8	−56.8	−73.3	-	—
100	28	16432	16605	16230	28	−72.7	−68.4	−78.2	-	—
60	23	19467	19668	19329	23	−63.4	−55.1	−68.8	-	—
40	12	22004	22082	21911	12	−58.2	−47.1	−68.5	-	—
30	—	—	—	—	—	—	—	—	-	—
20	—	—	—	—	—	—	—	—	-	—
10	—	—	—	—	—	—	—	—	-	—

N = Number of observations of specified pressure surfaces.

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

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

0000 U.T. — DECEMBER 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)	2784 (28)	728 (28)	— 7.4 (21)	3610	655	—	1580	833	— 7.8	11337 (20)	220 (20)	—57.8 (20)	15300	118	—67.0	10070	261	—49.8	6800	428	260	165
Helwan	3170 (30)	692 (30)	—10.5 (16)	4320	602	—20.7	1850	812	— 2.6	11602 (28)	218 (28)	—57.1 (28)	14760	125	—63.2	8450	338	—40.6	6800	430	250	163
Aswan . . . (A)	3592 (31)	662 (31)	— 4.6 (6)	4690	650	0.0	2575	744	—	14673 (22)	133 (22)	—72.0 (22)	17300	86	—77.5	12230	198	—56.5	8000	361	260	170

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. — DECEMBER 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)	2840 (30)	721 (30)	— 6.5 (22)	3960	632	—	1740	819	— 1.6	11674 (21)	213 (21)	—57.5 (21)	15430	114	—67.4	10160	264	—53.5	9600	281	260	200
Helwan	3231 (30)	688 (30)	—11.6 (17)	4660	572	—	1970	802	— 6.2	11148 (24)	234 (24)	—54.2 (24)	13700	152	—58.5	8670	334	—38.4	10700	242	250	138
Aswan . . . (A)	4047 (31)	624 (31)	—15.8 (3)	4820	570	—	3270	684	—	14542 (27)	111 (27)	—69.8 (27)	17720	81	—77.0	12740	180	—55.5	6000	484	250	160

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. — DECEMBER 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	0	—	0	—	0	—	1	11	1	9	2	7	3	4	7	15	11	17	6	16	0	—	0	—	0	31	14
1000	0	—	0	—	0	—	1	11	1	9	2	7	3	4	6	14	11	17	6	16	0	—	0	—	0	30	14
850	1	7	1	16	0	—	1	11	1	15	0	—	1	22	4	22	3	39	8	31	4	19	1	8	2	27	22
700	1	16	0	—	0	—	1	18	0	—	0	—	1	8	3	40	5	31	9	37	5	25	1	10	1	27	29
600	0	—	0	—	1	13	0	—	0	—	0	—	0	—	1	38	10	37	12	39	2	22	0	—	0	26	36
500	0	—	0	—	0	—	0	—	0	—	1	8	0	—	2	66	6	51	12	45	3	26	1	31	0	25	44
400	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	78	6	46	9	53	4	26	1	35	0	22	48
300	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	6	69	6	57	3	39	1	78	0	16	59
200	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	110	5	63	2	50	1	41	0	10	67
150	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	139	3	47	2	78	0	—	0	6	86
100	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	82	0	—	0	—	0	1	82
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. — DECEMBER 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	3	8	1	12	0	—	2	10	0	—	0	—	2	12	2	9	9	25	8	18	3	14	1	12	0	31	17
1000	3	8	1	12	0	—	2	10	0	—	0	—	2	12	2	9	8	22	8	18	3	14	1	12	0	30	16
850	2	9	0	—	1	9	0	—	0	—	0	—	1	14	2	17	8	28	7	24	8	20	0	—	0	29	22
700	0	—	1	16	0	—	0	—	0	—	0	—	1	20	1	14	5	26	14	36	4	28	3	12	0	29	29
600	0	—	1	11	0	—	0	—	0	—	0	—	0	—	1	38	8	31	11	39	4	21	2	12	0	27	31
500	1	8	0	—	0	—	0	—	0	—	0	—	0	—	2	33	9	50	10	55	4	23	1	26	0	27	44
400	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	43	6	45	11	62	3	28	0	—	1	22	49
300	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	44	5	59	8	67	1	29	2	36	0	17	57
200	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	110	3	55	3	39	0	—	0	7	56
150	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	60	2	39	1	44	0	5	48
100	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	48	0	—	0	1	48
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. — DECEMBER 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	3	7	3	8	4	7	2	5	2	6	0	—	2	5	6	10	1	7	0	—	1	7	0	—	6	30	6
1000	2	4	5	8	1	11	2	6	2	4	0	—	0	—	4	10	2	6	0	—	2	6	0	—	0	20	7
850	2	8	3	16	1	15	0	—	0	—	1	10	2	18	2	16	6	22	9	16	4	11	0	—	0	30	16
700	0	—	1	5	0	—	0	—	0	—	0	—	1	9	3	26	6	33	15	26	1	25	3	14	0	30	25
600	0	—	0	—	0	—	0	—	0	—	1	7	0	—	3	47	8	34	11	41	5	25	2	16	0	30	34
500	0	—	0	—	0	—	0	—	1	3	0	—	0	—	2	48	10	50	9	56	7	27	0	—	0	29	45
400	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	9	61	13	59	6	47	0	—	0	28	57
300	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	72	7	55	12	75	2	64	1	34	0	23	67
200	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	4	112	9	94	3	43	0	—	0	16	89
150	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	119	10	72	0	—	0	—	0	12	80
100	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	7	51	0	—	0	—	0	7	51
60	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	32	0	—	0	—	0	2	32
40	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	37	0	—	0	1	37
30	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	19	0	—	0	—	0	1	19
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. — DECEMBER 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	11	4	12	0	—	0	—	0	—	1	4	5	13	8	13	2	16	2	4	1	12	0	—	3	30	11
1000	1	12	4	10	0	—	0	—	0	—	0	—	2	12	4	10	1	17	1	5	1	12	0	—	2	16	9
850	3	14	3	9	1	6	1	3	0	—	1	4	1	8	2	17	5	24	9	22	1	22	1	11	0	28	17
700	2	8	0	—	1	3	0	—	0	—	0	—	0	—	2	16	5	27	12	32	4	14	3	23	0	29	25
600	0	—	0	—	0	—	0	—	0	—	0	—	1	13	1	42	6	29	15	39	3	18	3	15	0	29	32
500	1	12	0	—	0	—	0	—	0	—	0	—	1	16	1	53	6	44	13	48	4	29	2	30	0	28	41
400	2	34	0	—	0	—	0	—	0	—	0	—	0	—	0	—	6	69	16	54	3	50	1	28	0	28	55
300	1	53	0	—	0	—	0	—	0	—	0	—	0	—	0	—	4	84	15	76	1	85	2	38	0	23	73
200	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	3	87	7	92	2	74	1	52	0	13	85
150	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	102	8	72	1	118	0	—	0	11	82
100	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	6	68	1	101	0	—	0	7	73
60	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	60	1	22	0	—	0	—	0	2	41
40	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	79	0	—	0	—	0	—	0	1	79
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.

ABLE 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. — DECEMBER 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	23	11	3	8	1	8	1	10		—	0	—	0	—	0	—	0	—	1	8	1	12	0	—	1	31	10
1000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
850	2	12	7	9	1	18	0	—	2	8	1	17	1	6	3	16	3	19	3	16	4	13	4	10	0	31	13
700	3	15	1	8	0	—	0	—	0	—	1	36	1	25	1	48	7	34	9	17	4	17	4	8	0	31	21
600	1	10	0	—	0	—	0	—	1	32	0	—	0	—	3	62	7	50	10	26	6	23	3	23	0	31	34
500	0	—	1	12	0	—	0	—	1	8	0	—	0	—	1	61	8	62	13	41	4	38	1	18	0	29	41
400	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	11	76	12	59	5	33	1	13	0	29	59
300	1	10	0	—	0	—	0	—	0	—	0	—	0	—	0	—	4	76	12	73	5	63	0	—	0	22	68
200	1	16	0	—	0	—	0	—	0	—	0	—	0	—	0	—	3	88	7	91	2	98	0	—	0	13	85
150	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	2	92	4	68	1	87	0	—	0	7	78
100	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	53	0	—	0	—	0	—	0	1	53
60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

N = The number of cases the wind has been observed form 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. — DECEMBER 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	18	10	3	8	1	10	0	—	0	—	1	12	0	—	0	—	0	—	0	—	0	—	5	7	3	31	8
1000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
850	5	13	4	13	3	6	1	7	0	—	0	—	0	—	2	21	4	27	3	13	3	11	5	11	1	31	14
700	1	22	0	—	0	—	0	—	0	—	0	—	1	11	1	14	8	36	12	22	3	20	5	13	0	31	23
600	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	8	14	35	9	28	4	26	2	21	0	30	30
500	1	20	0	—	0	—	0	—	0	—	0	—	0	—	1	18	10	55	13	54	4	33	1	30	0	30	48
400	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	34	4	75	16	80	5	38	1	26	0	27	68
300	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	94	15	70	2	60	1	24	0	19	68
200	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	4	95	4	86	2	82	0	—	0	10	89
150	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	1	150	4	82	3	14	0	—	0	8	99
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 STATIONS

GIZA — DECEMBER 1962

This month was mild and dry as compared with the normal values of air temperature and total rainfall for Giza during December. The daily mean air temperature at 2 metres above ground was rather normal, the mean daily relative humidity was below normal (-8%) and the total rainfall was below normal (-6 mms.). The month was characterized by two short warm spells which reached their peaks on the 3rd. and the 18th. The first one gave the absolute maximum temperature for the month (29.7°C). The second heat wave was associated with dry fresh/strong southwesterly wind causing rising dust and yielding the absolute minimum relative humidity for the month on the 18th. (23%).

The minimum air temperature at 5 cms. above grass (Libia) fell below 0°C on one day, namely the 25th. on which the minimum was (— 1.5°C) and the duration of air temperature below zero was 5 hours while the duration below (— 1°C) was 0.5 hours (to the nearest half hour).

The absolute maximum soil temperature at all depths in the dry field were higher than the corresponding values of last December; the maximum difference was + 5.4°C at 1 cm. depth. The absolute minimum soil temperatures at depths between 0.3 & 2 cms. inclusive were lower than the corresponding values of last December. The maximum difference was — 2.0°C at 2 cms depth. while at 5 cms. depth the value was equal to the corresponding value of last year. At other depths the values were higher than last December ; the maximum difference was (+ 1.3°C) at 50 and 100 cms. depths.

The daily mean wind speed at 2 metres above ground was the same as that of the corresponding value of last December. The daily mean values of Piche evaporation, water pan evaporation, potential evaporation and potential evapotranspiration were + 3.0, + 0.46, + 0.1and + 0.2 mms. respectively, relative to the corresponding values of last December. The total actual duration of bright sunshine was 12.9 hours higher than the corresponding value of December 1961.

TAHRIR — DECEMBER 1962

This month was dry in general except for thelast few days where fog was observed in the morning and mist was formed shortly after sunset.

Strong dry southwesterly winds prevailed on the 18th. and caused severe prolonged sandstorms. On that day, the Piche evaporation was remarkably high, 40.1 mms being twice the absolute maximum amount recorded in December 1961. Such value is slightly less than the absolute value for the whole year 1962, which was attained in March.

Comparing this month as a whole with December 1961, the deviations were : 0.0°C for mean air temperature, — 6% for mean relative humidity, — 0.6 mms. for mean vapour pressure, + 3.6 mms. for mean Pich evaporation, and — 0.3 m/sec. for mean wind speed at 2 metres above ground.

Total radiation was more by 5 langleys, total sunshine duration was less by 7.5 hours and total rainfall was also less by 10.5 mms.

As for the extreme soil temperature, the maxima were systematically higher by (5.0 to 2.6) °C, while the minima were less between the surface and 5 cms. by (1.6 to 0.6) °C, while from 10 to 100 cms, they were more by (0.5 to 1.4) °C.

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

GIZA — DECEMBER 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	24.8	11.1	17.2	15.7	19.3	24.0	24.0	24.0	23.0	13.0	6.5	0.0	0.0	0.0	0.0	0.0
2	27.2	12.6	17.3	16.2	19.9	24.0	24.0	24.0	24.0	12.0	6.0	1.5	0.0	0.0	0.0	0.0
3	29.7	11.1	18.4	14.5	23.3	24.0	24.0	24.0	24.0	13.0	9.0	5.5	0.0	0.0	0.0	0.0
4	25.6	10.4	17.7	14.3	21.9	24.0	24.0	24.0	24.0	16.0	8.5	0.0	0.0	0.0	0.0	0.0
5	20.6	8.9	14.7	14.9	16.8	24.0	24.0	24.0	23.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0
6	22.8	8.9	14.1	12.2	16.8	24.0	24.0	24.0	21.0	9.0	3.0	0.0	0.0	0.0	0.0	0.0
7	22.0	8.1	13.8	11.7	16.7	24.0	24.0	24.0	17.0	8.0	1.0	0.0	0.0	0.0	0.0	0.0
8	22.4	9.0	14.2	12.1	16.4	24.0	24.0	24.0	23.0	8.5	0.5	0.0	0.0	0.0	0.0	0.0
9	20.4	9.8	14.4	12.6	16.8	24.0	24.0	24.0	24.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0
10	20.0	8.2	13.7	11.9	15.3	24.0	24.0	24.0	19.5	7.5	0.0	0.0	0.0	0.0	0.0	0.0
11	19.4	9.3	13.6	13.0	15.4	24.0	24.0	24.0	21.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0
12	19.3	7.7	12.8	10.9	15.2	24.0	24.0	24.0	15.5	7.5	0.0	0.0	0.0	0.0	0.0	0.0
13	21.6	7.9	12.9	11.0	15.2	24.0	24.0	24.0	16.0	6.5	3.0	0.0	0.0	0.0	0.0	0.0
14	22.5	6.8	14.6	10.4	17.4	24.0	24.0	24.0	16.5	14.0	4.0	0.0	0.0	0.0	0.0	0.0
15	23.0	6.8	14.8	13.9	17.5	24.0	24.0	24.0	20.0	10.5	4.5	0.0	0.0	0.0	0.0	0.0
16	21.6	10.7	15.9	13.7	17.8	24.0	24.0	24.0	24.0	12.0	4.0	0.0	0.0	0.0	0.0	0.0
17	22.3	8.8	14.8	13.3	17.6	24.0	24.0	24.0	23.5	10.0	3.0	0.0	0.0	0.0	0.0	0.0
18	26.5	10.4	17.7	13.3	20.3	24.0	24.0	24.0	24.0	15.0	9.0	4.0	0.0	0.0	0.0	0.0
19	19.5	13.3	15.5	16.9	16.4	24.0	24.0	24.0	24.0	13.5	0.0	0.0	0.0	0.0	0.0	0.0
20	22.0	9.8	14.5	13.5	16.8	24.0	24.0	24.0	24.0	9.0	4.0	0.0	0.0	0.0	0.0	0.0
21	20.4	7.3	13.4	11.9	15.7	24.0	24.0	24.0	19.5	9.0	0.0	0.0	0.0	0.0	0.0	0.0
22	17.3	9.6	13.0	12.7	14.4	24.0	24.0	24.0	23.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0
23	18.8	7.4	12.2	10.3	14.5	24.0	24.0	24.0	14.5	6.5	0.0	0.0	0.0	0.0	0.0	0.0
24	20.5	5.4	11.2	10.6	14.3	24.0	24.0	24.0	10.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0
25	19.6	4.0	11.9	7.1	14.8	24.0	24.0	23.0	15.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0
26	19.0	7.2	12.9	11.4	15.3	24.0	24.0	24.0	15.5	8.0	0.0	0.0	0.0	0.0	0.0	0.0
27	21.0	8.0	13.9	11.6	16.2	24.0	24.0	24.0	16.0	10.0	1.0	0.0	0.0	0.0	0.0	0.0
28	22.0	10.8	15.2	13.2	17.6	24.0	24.0	24.0	24.0	11.5	4.0	0.0	0.0	0.0	0.0	0.0
29	19.6	9.9	14.1	13.9	15.9	24.0	24.0	24.0	24.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0
30	20.5	6.4	13.3	10.9	15.5	24.0	24.0	24.0	16.0	9.5	0.0	0.0	0.0	0.0	0.0	0.0
31	22.6	8.5	14.2	12.5	17.3	—	—	24.0	19.0	8.5	4.5	0.0	0.0	0.0	0.0	0.0
Total	—	—	—	—	—	744.0	744.0	743.0	628.0	307.5	75.5	11.0	0.0	0.0	0.0	0.0
Mean	21.7	8.8	14.4	12.6	16.9	24.0	24.0	24.0	20.3	9.9	2.4	0.4	0.0	0.0	0.0	0.0

Highest Maximum at 2 Metres 29.7°C on 3rd — Highest Minimum at 2 Metres 13.3°C on 19th

Lowest Maximum at 2 Metres 17.3°C on 22rd — Lowest Minimum at 2 Metres 4.0°C on 25th

Absolute Minimum Temperature at 5 cms. Above Dry Soil — 0.3 °C on 25th

" " " " " Wet Soil — 0.2 °C on 25th

" " " " " Grass — 1.5 °C on 25th

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

TAHRIR — DECEMBER 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	25.8	10.4	18.0	15.2	21.4	24.0	24.0	24.0	24.0	15.5	8.5	3.0	0.0	0.0	0.0	0.0
2	28.7	12.8	18.3	15.6	21.9	24.0	24.0	24.0	24.0	15.5	8.0	3.0	0.0	0.0	0.0	0.0
3	31.0	10.4	19.0	15.2	23.8	24.0	24.0	24.0	24.0	17.5	9.5	6.0	0.0	0.0	0.0	0.0
4	25.4	12.4	18.0	15.9	21.7	24 0	24.0	24.0	24.0	15.5	8.5	0.0	0.0	0.0	0.0	0.0
5	19.5	9.2	14.5	13.8	16.5	24.0	24.0	24.0	22.5	10.5	0.0	0.0	0.0	0.0	0.0	0.0
6	22.6	9.6	14.8	13.0	17.3	24.0	24.0	24.0	23.0	9.5	2.5	0.0	0 0	0.0	0.0	0.0
7	21.1	11.2	15.5	13.4	17.9	24.0	24.0	24.0	24.0	10.5	1.5	0.0	0.0	0.0	0.0	0.0
8	20.2	8.3	13.9	12.8	16.1	24.0	24.0	24.0	19.5	8.5	0.0	0.0	0.0	0.0	0.0	0.0
9	19.1	9.7	13.7	12.2	15.9	24.0	24.0	24.0	23.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0
10	19.6	8.4	13.7	11.8	15.9	24.0	24.0	24.0	19.5	9.5	0.0	0.0	0.0	0.0	0.0	0.0
11	18.8	7.7	12.8	11.7	15.1	24.0	24.0	24.0	17.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0
12	19.8	8.2	13.6	11.1	16.5	24.0	24.0	24.0	16.5	9.0	0.0	0.0	0.0	0.0	0.0	0.0
13	21.8	8.7	14.5	12.0	17.3	24.0	24.0	24.0	20.0	11.0	3.5	0.0	0.0	0.0	0.0	0.0
14	22.6	6.7	14.4	12.3	17.5	24.0	24.0	24.0	20.5	10.0	5.0	0.0	0.0	0.0	0.0	0.0
15	23.8	7.8	15.1	12.5	18.3	24.0	24.0	24.0	20.5	10.5	5.0	0.0	0.0	0.0	0.0	0.0
16	20.8	11.7	16.2	14.1	18.7	24.0	24.0	24.0	24.0	12.0	3.5	0.0	0.0	0.0	0.0	0.0
17	20.2	9.1	13.9	12.7	16.6	24.0	24.0	24.0	19.0	8.5	0.0	0.0	0.0	0.0	0.0	0.0
18	26 3	10.2	17.1	12.4	20.1	24.0	24.0	24.0	24.0	15.0	8.0	1.5	0.0	0.0	0.0	0.0
19	20 0	12.8	16.0	16.4	17.5	24.0	24.0	24.0	24.0	12.5	0.0	0.0	0.0	0.0	0.0	0.0
20	20.8	10.2	14.7	13.5	16.9	24.0	24.0	24.0	24.0	9.5	0.5	0.0	0.0	0.0	0.0	0.0
21	21.5	7.2	14.4	12.1	17.2	24.0	24.0	24.0	18.0	10.5	4.0	0.0	0.0	0.0	0.0	0.0
22	17.6	9.5	13.3	13.5	14.6	24.0	24.0	24.0	22.5	6.5	0.0	0.0	0.0	0.0	0.0	0.0
23	20.0	7.6	13.2	10.9	16.2	24.0	24.0	24.0	17.0	8.5	0.0	0.0	0.0	0.0	0.0	0.0
24	22.2	4.4	12.1	10.3	15.2	24.0	24.0	23.5	13.5	7.0	1.0	0.0	0.0	0.0	0.0	0.0
25	19.8	5.2	12.1	9.1	15.5	24.0	24.0	24.0	15.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0
26	19.6	7.6	13.3	11.2	16.1	24.0	24.0	24.0	20.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0
27	20.3	9.7	14.5	11.9	17.6	24.0	24.0	24.0	23.5	10.0	0.0	0.0	0.0	0.0	0.0	0.0
28	21.9	11.1	15.4	12.9	18.5	24.0	24.0	24.0	24.0	11.0	4.5	0.0	0.0	0.0	0.0	0.0
29	24.2	7.7	14.0	12.1	16.7	24.0	24.0	24.0	18.5	9.5	3.5	0.0	0.0	0.0	0.0	0.0
30	20.9	8.6	14.0	12.2	16.6	24.0	24.0	24.0	21.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0
31	25.6	8.6	14.8	12.1	18.0	—	24.0	24.0	18.5	10.0	6.0	0.0	0.0	0.0	0.0	0.0
Total	—	—	—	—	—	744.0	744.0	743.5	648.5	325.0	83	13.5	0.0	0.0	0.0	0.0
Mean	22.0	9.1	14.8	12.8	17.6	24.0	24.0	24.0	20.9	10.5	2.7	0.4	0.0	0.0	0.0	0.0

Highest Maximum at 2 Metres 31.0°C on 3rd — Highest Minimum at 2 Metres 12.8°C on 2nd & 19th

Lowest Maximum at 2 Metres 17.6°C on 22rd — Lowest Minimum at 2 Metres 4.4°C on 24th

Absolute Minimum Temperature at 5 cms. Above Dry Soil 1.7 °C 24th

" " " " " 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 — DECEMBER 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		mount of rainfall ni millimeters
	Mean of the day	Nigh time mean	Day time mean		Total actual	Total possible	Percentage %	90%	80% ^	Mean ofthe day	at 1200 U.T.	Mean of the day	at 1200 U.T.	Piche	Pan class (A)	
1	1.7	1.1	2.5	249	6.7	10.4	64	8	14	86	53	11.7	11.9	5.1	2.17	0
2	1.0	0.9	1.1	233	6.5	10.4	62	10	15	91	43	11.8	10.7	3.7	1.48	0
3	0.7	0.3	1.3	283	9.4	10.4	90	5	9	73	31	9.5	9.1	7.5	3.42	0
4	1.3	0.2	2.8	283	9.5	10.3	92	0	4	62	41	9.7	10.3	10.1	6.18	0
5	1.9	1.0	3.1	320	9.5	10.3	92	0	1	54	39	5.8	5.2	12.4	6.50	0
6	2.3	2.2	2.4	283	8.1	10.3	79	0	2	67	42	7.3	8.1	7.7	3.40	0
7	1.4	0.6	2.5	262	8.2	10.3	80	0	3	72	51	7.8	8.7	8.3	2.78	0
8	2.4	1.1	4.3	268	7.8	10.3	76	0	2	62	45	7.0	7.2	9.8	4.56	0
9	2.6	1.1	4.6	282	8.6	10.3	83	0	8	63	38	6.7	6.4	13.7	5.72	0
10	3.1	2.7	3.7	271	7.4	10.3	72	0	0	58	42	6.3	7.0	11.5	3.38	0
11	2.8	1.6	4.6	292	9.5	10.3	92	0	0	60	39	6.2	6.4	12.8	5.93	0
12	3.9	2.9	5.4	305	9.7	10.2	95	0	0	57	37	5.7	5.9	14.9	5.56	0
13	2.8	2.8	2.9	299	9.5	10.2	93	0	0	66	41	6.8	7.7	8.7	2.71	0
14	0.9	0.4	1.7	261	9.2	10.2	90	0	1	61	50	7.9	9.3	7.9	2.69	0
15	0.9	0.9	1.1	240	7.9	10.2	77	6	10	85	46	8.7	8.5	6.8	3.70	0
16	2.6	1.8	3.6	164	3.5	10.2	34	0	0	50	36	6.2	6.7	11.0	4.17	tr
17	1.1	0.9	1.3	239	5.8	10.2	57	0	0	67	31	6.9	6.3	7.1	2.50	0
18	1.7	0.2	4.0	108	0.2	10.2	2	0	0	52	29	6.8	7.4	27.0	8.72	0
19	5.7	5.9	5.4	179	0.4	10.2	4	0	0	46	49	6.5	7.8	13.2	6.10	0
20	2.7	2.7	3.1	291	8.4	10.2	82	0	0	65	38	7.1	7.0	8.8	4.97	0
21	1.9	0.9	3.2	289	9.1	10.2	89	0	0	66	38	6.7	6.5	11.0	4.65	0
22	3.3	1.9	5.1	281	7.4	10.2	73	0	0	56	41	5.8	5.8	13.5	4.90	0
23	3.5	2.9	4.3	301	9.2	10.2	90	0	0	54	25	5.3	5.4	11.5	4.56	0
24	1.3	1.3	1.3	204	5.0	10.2	49	0	2	67	39	5.7	6.1	4.7	1.98	0
25	1.5	0.3	3.3	260	8.7	10.2	85	0	2	72	58	8.1	9.4	6.3	2.46	0
26	1.9	1.4	2.7	260	8.6	10.2	84	2	13	86	57	8.8	8.9	4.7	3.41	0
27	1.8	0.9	3.0	249	7.3	10.2	72	2	13	84	60	9.7	10.6	4.8	2.40	0
28	1.9	1.2	3.0	247	7.1	10.2	70	9	16	90	54	10.5	10.2	5.0	2.25	0
29	1.4	1.4	1.4	217	6.3	10.2	62	11	17	96	68	10.3	10.9	2.4	1.90	0
30	0.9	0.0	2.1	256	7.0	10.2	69	15	18	92	55	10.0	9.5	4.0	1.90	0
31	0.8	0.4	1.5	267	8.5	10.2	83	14	16	92	50	9.5	9.7	4.5	2.20	0
Total	—	—	—	7943	230.0	317.6	2242	85	166	—	—	—	—	280.4	119.25	tr
Mean	2.0	1.4	3.0	256	7.4	10.2	72	2.7	5.4	70	44	7.8	8.1	9.0	3.65	0

Maximum Amount of Rainfall in one day . . . . . tr mms. on 16th

Lowest Value of Relative Humidity . . . . . 23 % on 18th

Highest Value of Vapour Pressure . . . . . 13.5 mms. on 1 st

Lowest Value of Vapour pressure . . . . . 4.7 mms. on 19th 23rd

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 — DECEMBER 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	2.4	1.8	3.2	267	9.6	10.3	93	12.0	15.0	92	48	12.1	11.8	6.1	4.00	0.0
2	1.5	1.3	1.8	243	7.6	10.3	74	10.0	14.0	90	45	12.5	11.8	3.7	1.30	0.0
3	1.2	0.9	1.7	267	9.7	10.3	94	8.0	10.0	79	24	9.8	7.3	7.1	4.33	0.0
4	2.8	1.5	4.6	276	9.6	10.3	93	6.0	8.0	68	46	9.9	10.6	12.7	6.77	0.0
5	4.7	3.6	6.3	302	10.0	10.3	97	0.0	0.0	50	31	5.5	5.2	17.7	9.34	0.0
6	4.2	4.0	4.6	283	9.0	10.3	87	4.0	9.0	78	47	9.1	9.0	5.7	4.15	2.4
7	2.8	1.8	4.2	262	8.7	10.3	84	8.0	9.0	78	48	9.0	8.5	10.7	5.68	0.0
8	3.6	2.6	5.2	298	9.8	10.2	96	0.0	3.0	65	44	7.1	7.2	10.3	5.37	0.0
9	4.6	2.8	7.2	286	9.1	10.2	89	0.0	8.0	61	36	6.6	5.8	16.3	9.94	tr.
10	4.8	4.1	5.7	270	9.1	10.2	89	0.0	1.0	60	42	6.4	6.7	15.4	7.87	0.0
11	4.5	3.6	5.8	292	10.0	10.2	98	0.0	0.0	60	39	5.9	6.1	13.3	6.41	0.0
12	4.9	3.6	6.8	287	9.9	10.2	97	0.0	0.0	46	29	4.9	5.0	23.0	10.57	0.0
13	4.7	4.2	5.3	272	9.6	10.2	94	0.0	0.0	64	45	7.8	8.2	11.2	5.82	0.0
14	2.2	2.1	2.4	268	9.6	10.2	94	0.0	4.0	66	41	7.6	7.8	5.5	3.65	0.0
15	1.6	0.9	2.6	246	8.5	10.2	83	6.0	10.0	84	43	9.1	8.7	8.3	4.39	0.0
16	3.1	2.1	4.5	074	0.1	10.2	01	0.0	0.0	38	21	4.5	3.8	18.0	8.75	0.0
17	3.5	3.5	3.4	200	3.1	10.2	30	0.0	0.0	64	40	6.6	6.5	8.6	4.88	0.0
18	4.4	1.9	7.8	106	0.1	10.2	01	0.0	1.0	46	26	5.6	5.8	40.1	17.65	0.0
19	8.0	8.6	7.2	221	2.8	10.2	27	0.0	0.0	48	40	6.4	6.9	19.4	9.76	0.0
20	4.6	4.1	5.2	286	9.2	10.2	90	0.0	0.0	62	42	7.0	7.4	12.0	8.13	0.0
21	3.1	2.2	4.3	285	9.6	10.2	94	0.0	0.0	58	32	6.0	5.7	18.4	9.31	0.0
22	5.7	4.7	7.1	289	8.1	10.2	79	0.0	0.0	50	35	5.0	5.1	16.2	10.13	0.0
23	4.4	3.7	5.3	287	9.5	10.2	73	0.0	0.0	48	22	4.3	3.9	17.4	8.50	0.0
24	2.2	2.2	2.1	228	5.8	10.2	57	0.0	1.0	56	24	4.8	4.2	6.8	3.43	0.0
25	2.2	1.1	3.8	234	7.1	10.2	70	0.0	12.0	85	57	8.4	9.3	6.4	4.19	0.0
26	2.7	2.1	3.6	261	9.1	10.2	89	0.0	13.0	80	49	8.4	7.9	5.8	4.18	0.0
27	3.4	2.2	4.8	200	6.5	10.2	64	8.0	14.0	86	60	10.0	10.4	5.8	4.16	0.0
28	3.6	3.0	4.4	258	8.5	10.2	82	13.0	16.0	92	52	10.5	10.1	5.8	3.36	0.0
29	2.1	2.3	1.8	251	8.1	10.2	79	10.0	11.0	77	45	7.9	8.1	4.2	2.34	0.0
30	1.8	1.4	2.3	209	5.5	10.2	54	15.0	19.0	95	72	11.2	12.2	1.8	1.19	0.0
31	1.3	1.0	1.9	261	7.7	10.2	75	10.0	12.0	86	40	8.7	8.2	8.1	3.84	0.0
Total	—	—	—	7763	240.6	316.9		110	190	—	—	—	—	361.8	193.29	2.4
Mean	3.4	2.7	4.4	250.4	7.8	10.2	76	3.5	6.1	68	41	7.7	7.6	11.7	6.24	—

Maximum Amount of Rainfall In One Day . . . . . 2.4 mms. on 6 th
Lowest Value of Relative Humidity . . . . . 18 % on 18 th
Highest Value of Vapour Pressure . . . . . 13.9 mms. on 2 nd
Lowest Value of Vapour Pressure . . . . . 3.4 mms. on 16 th

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

GIZA — DECEMBER 1962

Depth in cms.	Dry Soil		Wet Soil		Grass	
	Highest °C	Lowest °C	Highest °C	Lowest °C	Highest °C	Lowest °C
0.3	39.3	2.6	26.2	4.0	23.5	7.2
1	38.4	3.4	23.8	4.6	22.2	7.4
2	35.6	4.0	23.4	5.0	21.2	7.9
5	28.0	8.4	22.1	6.9	19.0	9.5
10	24.4	12.7	20.6	8.4	18.9	10.9
20	22.9	16.8	19.5	10.6	18.8	13.2
50	24.4	19.7	19.4	14.4	20.4	16.1
100	26.4	22.6	21.3	17.2	22.1	18.3
200	27.8	25.6	22.9	20.6	23.8	21.9
300	27.3	26.5	—	—	—	—

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

TAHRIR — DECEMBER 1962

Depth in cms.	Dry Soil		Wet Soil		Grass	
	Highest °C	Lowest °C	Highest °C	Lowest °C	Highest °C	Lowest °C
0.3	34.7	4.4	—	—	—	—
1	35.0	4.8	—	—	—	—
2	34.4	5.0	—	—	—	—
5	30.4	7.3	—	—	—	—
10	26.4	9.7	—	—	—	—
20	22.8	13.1	—	—	—	—
50	22.0	16.4	—	—	—	—
100	23.9	19.4	—	—	—	—
200	25.8	22.6	—	—	—	—
300	26.4	24.2	—	—	—	—
600	26.0	25.8	—	—	—	—

TABLE C 4—NUMBER OF DAYS OF SURFACE WIND SPEED REACHING OR EXCEEDING SPECIFIED LIMITS OF VELOCITY

GIZA — DECEMBER 1962

10	knots	or	above	23	Days	30	knots	or	above	0	Days
15	,,	,,	,,	17	,,	35	,,	,,	,,	0	,,
20	,,	,,	,,	5	,,	40	,,	,,	,,	0	,,
25	,,	,,	,,	1	,,	The highest gust 34 knots on 18th					

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