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Iraq. METEOROLOGICAL DEPARTMENT

شعبة احصائيات المنـــــــــــاخ

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CLIMATOLOGICAL MEANS

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CLIMATOLOGICAL MEANS FOR IRAQ

(I). Introduction

Climatological data for Iraq may be found scattered through a number of publications for a period ranging for different years for various stations .

The present publication is intended to make available to those interested the most up-to-date data concerning the climate of Iraq. For the derivation of satisfactory climatological means a long series of homogeneous meteorological observations made under standard conditions is necessary. Such a series of observations for any station in Iraq is not available. Since 1936, when the Iraq Meteorological Service came into being, an additional number of meteorological observatories were established in Iraq with additional number of rainfall-observing stations have been set up.

A list of references to publications containing climatological data for Iraq is given below:

(II). References to Climatology of Iraq

1. CLIMATE AND WEATHER OF IRAQ - Baghdad Weather Bureau, printed at the Government Press, Baghdad. 1919.
2. OCCASIONAL PUBLICATION No. 1 - "being Mean Monthly Temperatures and ..... ", Meteorological Service, Iraq printed at Government Press, Baghdad, 1939.
3. OCCASIONAL PUBLICATION No. 3 - "Rainfall in Iraq, 1936 - 1939", Meteorological Service, Iraq printed at Government press, Baghdad. 1940.
4. CLIMATOLOGICAL MEANS No. 10 .
5. WILLCOCKS, SIR WILLIAM - "The Irrigation of Mesopotamia", 2nd Edition, E. and F.N. Spon, London 1917.
6. Mesopotamia, Handbook of, Vol. I. ID. 1118. Admiralty War Staff Inteligence Division, August, 1916.
7. NORMAND C. W. B. - "Meteorological Conditions Affecting Aviation in Mesopotamia" Quarterly Journal, Royal Meteorological Society, London, 45 , October 1919.
8. "The Effect of High Temperature, Humidity and Wind on the Human Body." Qurterly Journal, Royal Meteorological Society. Vol XLVI , January 1920 .
9. LYNCH, H.F.B.-"Severe Winter in Mesopotamia". Quarterly Journal Royal Meteorological Society, Vol XXXII , 1906 page 198.
10. ZISTLER , Dr. PERGERIN - "Die Temperaturver Haltnisse der Turkie," Leipzig, 1929 .
Note:- This author quotes the following additional references:-
11. UHLIG - Mesopotamian Sonderabdruk. a.d. Zeitschr. d. Ges. F. Erdk. Berlin, 1917, Nr. 6,7 and 8 .
12. RIDPATH - Notes on the Climate of Mesopotamia. Symons Met. Magazine 1919, page 90 and 107.
13. HORNER - "The Climate of Mesopotamia". Symons Met. Magazine 1919, page 103.
14. METEOROLOGISCHE ZEITSCHRIFT - 1912 pages 30 & 346, and 1914 page 448.
15. Grothe. HUGO - Geographische Charakterbilder aus der asiatischen Turkie and den sudlichen mesopotamischiranischen Randgebirge, Leipzig. 1909.
16. NAAB - Das Klima von Diarbekir am Tigris, Beitr. Z. Kenntnis d. Orients VI Halle, 1907.
17. BANSE - Funf Landschaftstypen aus dem Orient., Geographische Zeitschrift, 1908 .

(III). Explanation of Tables

(a) Mean values of temperature, pressure, relative humidity, approximate low cloud and total cloud amount at each hour are given for each month and for the year, together with the means of these values.

(b) Mean daily maximum and minimum temperatures together with extreme high and low values of max. & min. tempetature are also given.

(c) The average number of days with winds from specified direction for each hour, for each month and the year is given.

(d) The mean monthly rainfall in millimeters, the maximum rainfall in 24 hours with the date or dates of its occurrence, and the mean number of days with at least 1 mm. and at least 10 mms. are given in the section of the tables devoted to rainfall.

(e) The section of the tables headed "Mean number of days" gives the average number of days when the phenomena specified occurred at any time of day. A day of rain is one on which total rainfall is 0.2 mms. or more. Days of fog or dust are those on which the range of vision is less than 1000 meters at any time of the day, due to suspended particles of water in the case of fog, and of dust in the other case. Clear days are those on which the average cloud amount at all observations is 0-1 okta, and cloudy days are those on which the average cloud amount is 7 - 8 oktas. Method of observation and units. As regards methods of observation and units employed, brief summary is given for convenience:-

Temperature is observed in degrees Centigrade, the thermometer used being at approximately 1.3 meters above the ground, in a Stevenson (Louvred) screen situated on an open site such that any buildings are not loser to the screen than a distance equal to twice their height. Pressure is observed in millibars by means of standard Kew. pattern barometers. After applying the usual corrections to reduce the reading to the standard latitude of 45° and to a standard temperature of 285° A., the observed pressure are reduced to mean sea level and the data given in these tables refer to that level. For a high level station such as Rutba, the values of sea level pressure so obtained are liable to be considerably in error. Relative humidity and vapour pressure are expressed as a percentage and in millibars respectively. They are obtained from reading of the dry-bulb and wet-bulb thermometers. The cloud amount is observed by estimation and is expressed in eights of sky covered, in the usual manner. Wind observations are made by means of Dines pressure-tube anemometers at Baghdad Basrah, Habbaniya, Mosul and Rutba, and, by cup-anemometers and wind vane at other stations. Wind directions are observed with reference to the 360 degrees of the compass but for the purpose of these tables winds from directions adjacent to those specified in the tables were credited to the latter. Winds from directions exactly mid-way between two specified points in the tables were credited a half to one and the remaining half to the other of these two specified points. Only winds of 0 knot. were taken as calms. Rainfall is observed in millimeters by mean of the standard pattern 8-inch raingauge. It is to be noted that the height of the meteorological stations in these tables is the height of the ground on which the rain-gauge stands.

GEOGRAPHICAL DATAS and Period of records for the different observation stations used for the preparation of this PUBLICATION

STATION	LATITUDE N.	LONGITUDE E.	HEIGHT ABOVE MSL (Meters)	PERIOD
MOSUL	36 19 N.	43 09 E	222.6 M.	1923-1956
KIRKUK	35 28	44 24	330.8	1935-1956
KHANAQIN	34 18	45 26	201.2	1936-1956
BAGHDAD	33 20	44 24	34.1	1937-1956
HABBANIYA	33 22	43 34	43.6	1935-1956
RUTBAH	33 02	40 17	615.5	1928-1956
HAI	32 10	46 03	14.9	1940-1956
DIWANIYA	31 59	44 59	20.4	1939-1956
NASIRIYA	31 01	46 14	3.0	1940-1956
BASRAH	30 34	47 47	2.4	1937-1956

SELECTED STATIONS 1931 - 1960

STATION	LATITUDE N.	LONGITUDE E.	HEIGHT ABOVE MSL (Meters)	PERIOD
ZAKHO	37 08 N.	42 41 E.	442 M.	1935-1956
AMADIA	37 05	43 30	1236	1935-1956
RAWANDUZ	36 37	44 33	1006	1935-1956
AQRA	36 45	43 53	716	1935-1956
TEL AWAINAT	36 41	42 24	346	1938-1956
SINJAR	36 19	41 50	476	1935-1956
TELAAFAR	36 22	42 28	273	1939-1956
QAYAR	35 48	43 17	180	1938-1946
ARBIL	36 11	44 00	414	1935-1956
CHAMCHAMAL	35 32	44 51	701	1939-1956
SULAIMANIYA	35 33	45 27	853	1935-1956
PENJWIN	35 37	45 58	1311	1939-1956
BAKRAJO	35 34	45 23	750	1936-1956
HALABJA	35 11	45 59	724	1935-1956
IFTIKHAR	35 03	44 27	204	1935-1956
CHUARTA	35 44	45 33	1356	1942-1956
SALAHDDIN	36 37	44 13	1088	1940-1956
RAYAT	36 41	44 57	2610	1942-1956
SANAT	36 46	42 48	-	1944-1956
DUHOK	36 52	43 02	860	1943-1956
MIRZARUSTAM	36 03	44 58	459	1945-1956
SHAQLAWA	36 23	44 20	-	1945-1956
SIRSANK	36 58	43 32	1046	1945-1956
BINKIRD	36 03	45 03	708	1952-1956
TUZ	34 53	44 39	220	1935-1956
ANA	34 28	41 27	-	1935-1956
DIALA (SEDOUR)	34 05	45 01	68	1943-1956
JALAWLAA	34 16	45 09	119	1935-1956
HIT	33 38	42 50	58	1952-1956
KARBALAA	32 37	44 01	29	1935-1956

GEOGRAPHICAL DATAS (Continued)

STATION	LATITUDE N.	LONGITUDE E.	HEIGHT ABOVE MSL (Meters)	PERIOD
HINDIYA	32 42 N.	44 17 E.	24 M.	1936-19[illegible]
HILLA	32 29	44 26	27	1935-19[illegible]
KUT	32 30	45 45	19	1935-19[illegible]
MANDILY	33 45	45 33	137	1935-19[illegible]
MUKHAIB	32 02	42 15	305	1935-19[illegible]
AMARA	31 51	47 10	9	1935-19[illegible]
SHABICHA	30 42	43 41	-	1935-19[illegible]
SAMAWA	31 18	45 16	6	1935-19[illegible]
BADAA	31 26	46 11	9	1936-19[illegible]
UR	30 58	46 08	4	1935-19[illegible]
GHABISHIYA	30 44	47 05	4	1935-19[illegible]
MAIQIL	30 34	47 47	2	1935-19[illegible]
FAO	29 59	48 30	2	1935-19[illegible]
BIR UGLA	37 00	42 13	420	1935-19[illegible]
DIBIS	35 41	44 05	239	1936-19[illegible]
BAIJI	34 56	43 29	115	1935-19[illegible]
SAMIRRAA	34 11	43 50	65	1935-19[illegible]
RUMADI	33 25	43 17	49	1923-19[illegible]
HADITHA	34 04	42 22	140	1934-19[illegible]
HAWIJAH	35 31	44 18	305	1910-19[illegible]
T 1	34 13	41 20	318	1936-19[illegible]
T 2	34 27	40 10	-	1936-19[illegible]
H 1	33 47	41 28	409	1934-19[illegible]
H 2	33 21	40 36	593	1934-19[illegible]
H 3	32 57	39 45	13	1934-19[illegible]
QALAT SUKAR	31 52	46 05	13	1934-19[illegible]
ALI AL GHARBI	32 28	46 41	13	1939-19[illegible]
SALMAN	30 28	44 43	202	1935-19[illegible]
BUSSAYA	30 02	46 09	144	19[illegible]-19[illegible]
SHAIBAH	30 25	47 39	18	1923-1956

Explanation of Symbols under Stations :

G.M.T. or (GMT) = Greenwich Mean Time = Local Iraq Time – 3 hours.

M.S.L. = Mean Sea Level .

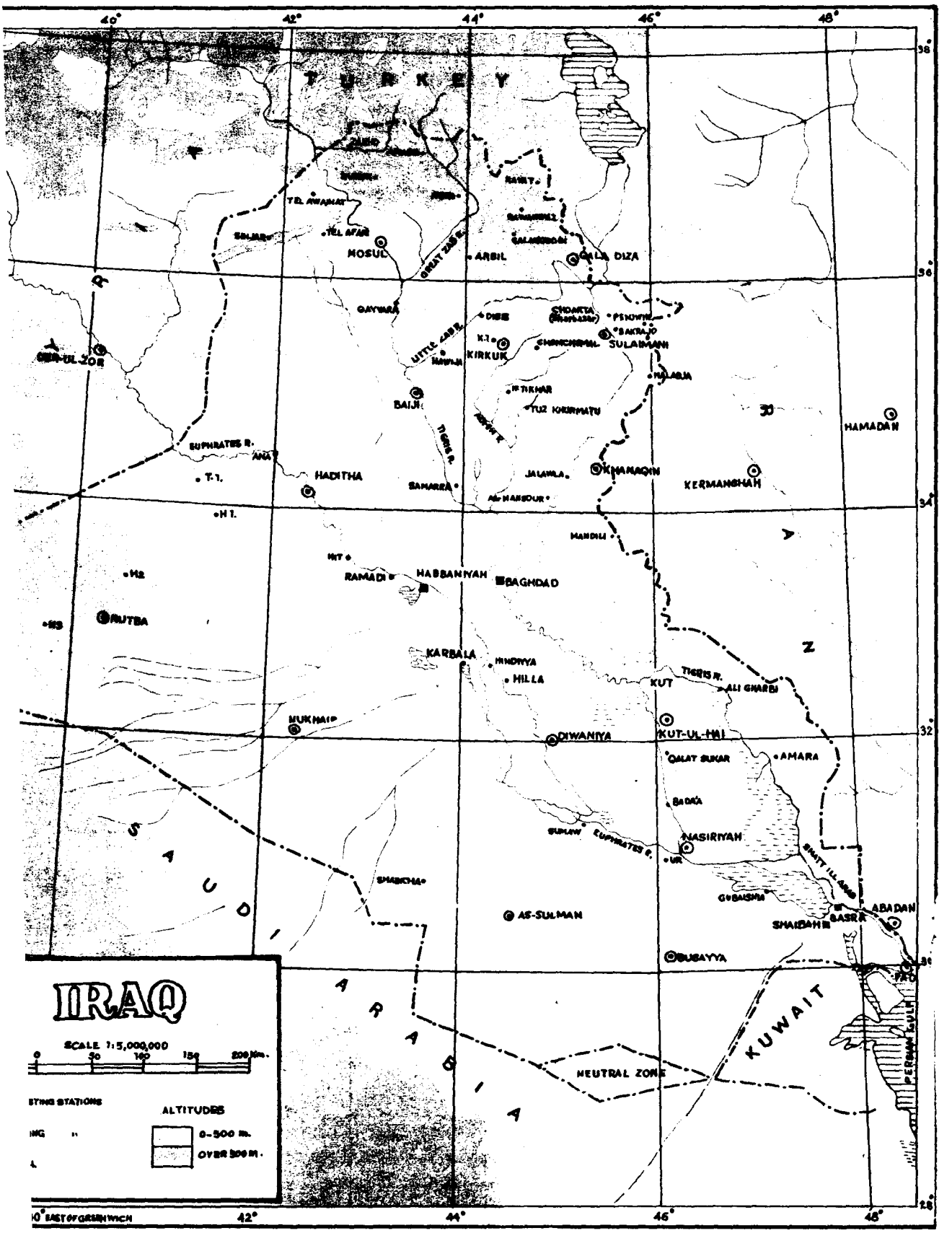
% = Percentage .

Mbs. = Millibars .

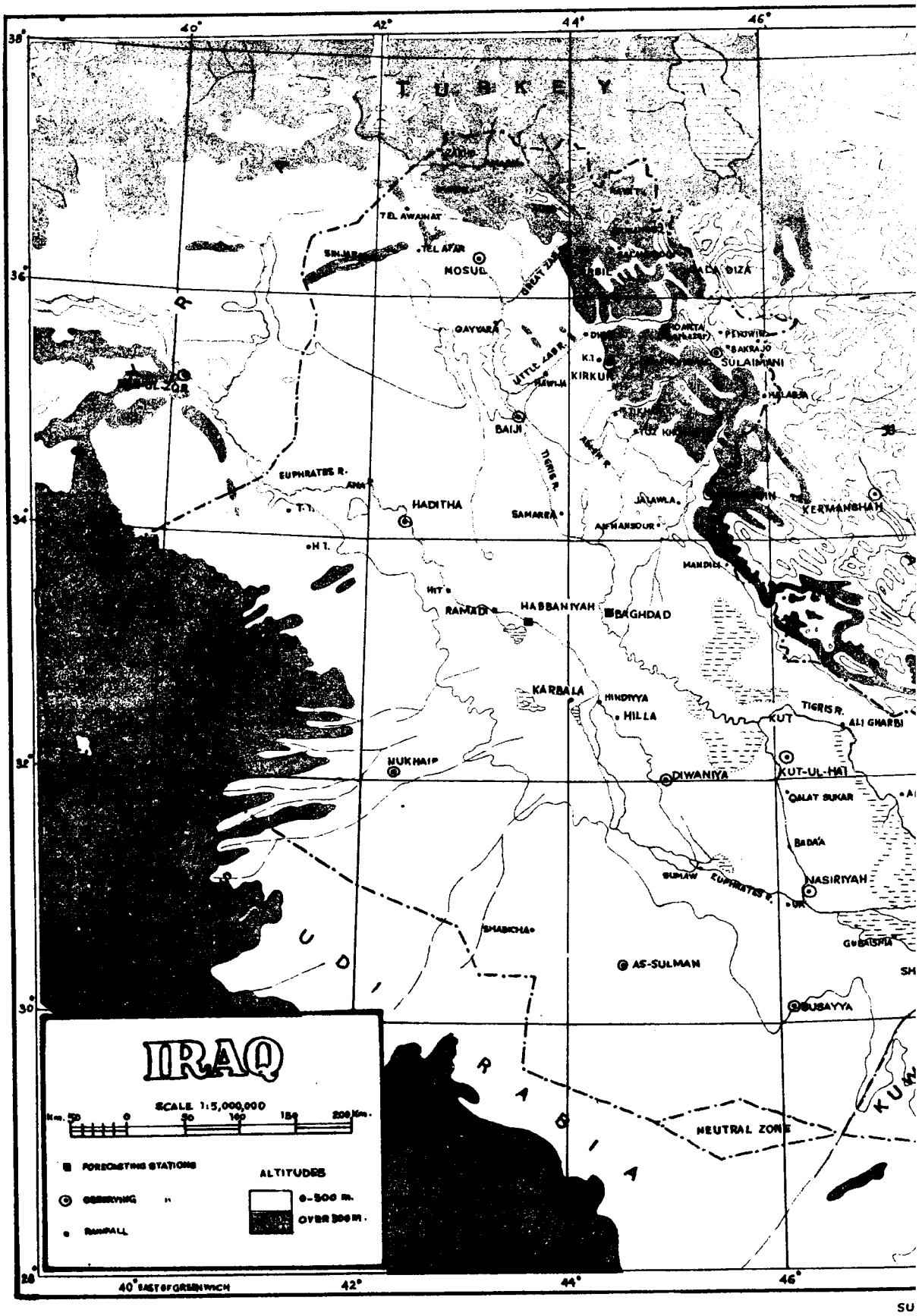
MM . = Millimeter .

MMS . = Millimeters .

V.K. = Velocity in Knots .



SURVEY PRESS, BAGHDAD


IRAQ
SCALE 1:5,000,000
Km. 50 0 50 100 150 200 Km.
FORECASTING STATIONS
OBSERVING "
RAINFALL
ALTITUDES
0-300 m.
OVER 300 m.
TURKEY
TEL AWAINAT
TEL AFAR
MOSUL
GAYYARA
KIRKUK
SULAIMANI
BAIJI
HADITHA
SAMARRA
JALAWLA
KERMANSHAH
HABBANIYAH
BAGHDAD
RAMADI
KARBALA
HINDIYYA
HILLA
KUT
ALI GHARBI
NUKHAIP
DIWANIYA
KUT-UL-HAI
QALAT SUKAR
BADA'A
NASIRIYAH
SHABICHA
AS-SULMAN
BUSAYYA
NEUTRAL ZONE
EUPHRATES R.
TIGRIS R.
LITTLE ZAB R.
40° EAST OF GREENWICH
38°
36°
34°
32°
30°
28°
40°
42°
44°
46°

AVERAGE TEMPERATURES & THEIR RECORDS (IN CENTIGRADE) معدل درجات الحرارة (سنتغراد)

MONTH	TIME - G.M.T. 0000	0300	0600	0900	1200	1500	1800	2100	MEAN	MEAN MAX.	MEAN MIN.	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
JANUARY	4.0	3.2	4.3	10.6	11.1	9.9	6.3	5.3	6.8	12.4	1.8	21.0	22	1953	-11.1	3	1925
FEBRUARY	5.2	4.5	6.2	13.3	13.0	12.6	8.1	7.3	8.8	14.1	3.4	26.7	28	1955	- 9.4	10	1949
MARCH	7.5	6.8	10.3	16.6	17.3	15.7	11.4	9.2	11.9	19.0	5.4	30.5	27	1937	- 3.9	3	1948
APRIL	11.4	11.6	16.6	23.1	23.2	21.7	16.0	13.5	17.1	25.3	9.6	40.0	?	1928	- 1.6	1	1956
MAY	16.3	15.8	24.4	31.0	31.1	29.6	22.5	18.0	23.6	33.1	14.3	44.1	31	1955	6.1	1	1948
JUNE	21.1	20.4	30.5	37.5	37.9	37.1	28.2	24.5	29.7	39.5	18.5	46.1	24	1942	11.1	1	1952
JULY	24.4	24.0	33.0	41.4	41.7	41.3	32.3	28.2	33.3	43.3	22.0	51.1	21	1937	15.0	6&8	1949
AUGUST	23.9	22.7	32.0	41.3	41.6	40.1	32.1	27.0	32.6	43.2	21.0	48.6	7	1937	12.8	26	1952
SEPTEMBER	18.7	17.5	25.0	37.2	36.7	34.0	26.1	21.3	27.1	38.8	15.9	47.2	?	1935	6.9	26	1956
OCTOBER	13.0	12.3	19.0	29.5	29.3	24.6	18.3	15.2	20.2	31.6	10.7	41.3	3&4	1952	0.0	25	1947
NOVEMBER	8.4	8.3	11.8	18.8	20.3	15.1	11.7	9.0	12.9	22.3	7.0	35.0	?	1932	- 3.3	17	1948
DECEMBER	4.9	4.5	5.8	11.6	13.3	10.1	7.2	5.7	7.9	14.6	3.0	27.2	3	1956	- 7.2	?	1932
YEAR	13.2	12.6	18.2	26.0	26.4	24.3	18.4	15.4	19.3	28.1	11.1	51.1	21/7	1937	-11.1	3/1	1925

AVERAGE PRESSURE & ITS RECORDS (IN MILLIBARS) AT M.S.L. معدل الضغط الجوي على سطح البحر

MONTH	0000	0300	0600	0900	1200	1500	1800	2100	MEAN	HIGHEST PRESSURE	DATE	TIME GMT.	LOWEST PRESSURE	DATE	TIME GMT.
JANUARY	1020.6	1020.0	1021.0	1020.3	1018.7	1019.4	1020.1	1020.4	1020.1	1038.4	7/42	0600	994.8	28/40	0200
FEBRUARY	1017.9	1017.2	1018.2	1017.7	1015.8	1015.9	1017.7	1017.4	1017.2	1035.8	8/50	0600	1000.8	22/52	1500
MARCH	1015.3	1015.4	1016.3	1015.5	1013.8	1014.0	1015.2	1015.6	1015.1	1030.2	9/53	0600	996.2	28/44	0200
APRIL	1013.2	1012.8	1013.3	1012.7	1010.9	1010.8	1012.8	1012.6	1012.4	1027.9	2/56	00&03	999.0	29/56	1200
MAY	1010.0	1009.7	1009.8	1009.3	1007.2	1007.5	1009.3	1010.0	1009.1	1021.8	2/48	0600	995.7	3/46	1200
JUNE	1003.1	1004.4	1004.3	1003.7	1001.7	1001.7	1003.3	1003.9	1003.3	1017.3	1/52	0300	994.6	20/37	1300
JULY	999.6	999.5	999.4	999.1	996.8	997.1	998.3	999.0	998.6	1015.0	23/41	0600	990.2	22/39	1300
AUGUST	1001.5	1001.7	1001.8	1001.1	999.0	999.1	1000.6	1001.5	1000.8	1011.8	31/53	0600	992.3	2/50	1200
SEPTEMBER	1007.8	1008.0	1008.3	1006.8	1005.2	1005.2	1007.0	1007.4	1007.0	1018.7	30/38	0600	998.0	1/38	1300
OCTOBER	1014.9	1015.0	1015.6	1014.2	1012.4	1012.8	1014.4	1012.9	1014.0	1026.0	26/50	0600	1003.2	12/48	1200
NOVEMBER	1019.4	1018.8	1019.3	1018.8	1016.8	1017.9	1018.7	1019.6	1018.7	1034.1	30/53	0600	1004.3	7/44	1200
DECEMBER	1021.6	1020.7	1021.8	1021.4	1019.4	1020.6	1021.2	1021.9	1021.1	1033.7	26/47	0600	1004.8	24/47	03&13
YEAR	1012.1	1011.9	1012.4	1011.7	1010.6	1010.1	1011.5	1011.8	1011.4	1038.4	7/1/42	0600	990.2	23/7/39	1300

AVERAGE RELATIVE HUMIDITY IN (%) معدل الرطوبة النسبية										AVERAGE VAPOUR PRESSURE IN (MBS.) معدل ضغط البخار								
MONTH	0000	0300	0600	0900	1200	1500	1800	2100	MEAN	0000	0300	0600	0900	1200	1500	1800	2100	MEAN
JANUARY	92	92	89	71	64	75	87	90	83	7.7	7.3	8.0	8.3	9.0	9.3	8.5	8.1	8.3
FEBRUARY	89	90	86	67	61	70	82	86	79	8.1	8.0	9.0	10.1	9.0	10.2	9.0	8.9	9.0
MARCH	87	87	78	58	51	59	75	84	72	9.2	9.0	10.0	10.8	9.4	10.4	10.3	9.9	9.9
APRIL	84	86	69	50	44	50	69	81	67	11.7	11.1	13.2	13.3	12.0	12.6	12.7	12.4	12.4
MAY	73	73	48	28	28	30	52	66	50	13.3	12.9	13.9	11.9	11.3	11.8	13.4	13.1	12.7
JUNE	50	53	31	18	17	17	29	42	32	12.4	12.3	13.4	11.5	11.1	11.0	11.5	12.5	12.3
JULY	43	46	30	18	16	18	26	38	29	13.4	13.5	14.7	14.4	12.8	14.2	13.0	13.9	13.7
AUGUST	47	47	31	20	15	22	29	42	30	13.1	12.9	14.2	15.5	12.0	15.9	12.7	14.7	13.9
SEPTEMBER	57	56	35	23	18	28	39	53	37	12.2	11.1	12.1	14.1	11.0	14.7	12.7	13.1	12.6
OCTOBER	67	67	49	30	28	44	55	63	49	10.1	9.6	10.6	12.4	10.8	13.3	11.4	10.9	11.0
NOVEMBER	81	83	73	51	49	64	76	82	69	9.1	9.3	11.1	10.8	11.8	11.0	10.1	9.6	10.4
DECEMBER	90	91	88	70	64	77	85	89	82	8.0	7.8	8.4	9.6	9.6	9.7	8.0	9.0	8.8
YEARLY MEANS	72	73	59	42	38	46	59	68	57	10.7	10.4	11.6	11.9	11.1	12.0	11.1	11.4	11.3

AVERAGE LOW CLOUD (OKTAS) معدل كميات الغيوم الواطئة (بالاثمان)										AVERAGE TOTAL CLOUD (OKTAS) معدل كميات الغيوم بالاثمان								
MONTH	0000	0300	0600	0900	1200	1500	1800	2100	MEAN	0000	0300	0600	0900	1200	1500	1800	2100	MEAN
JANUARY	2.9	3.5	3.9	2.6	3.6	2.9	2.5	1.9	3.0	3.8	4.6	5.5	4.2	5.4	4.2	2.6	2.7	4.3
FEBRUARY	2.8	3.3	3.5	3.2	4.0	3.5	2.5	2.2	3.0	4.0	4.8	5.7	4.8	5.7	4.7	3.8	3.2	4.6
MARCH	2.4	3.0	2.8	3.0	3.7	3.3	2.3	2.3	2.9	3.7	4.3	5.0	4.8	5.3	4.9	3.6	3.3	4.4
APRIL	1.9	2.7	2.4	2.6	3.2	3.1	1.8	1.8	2.4	3.0	4.2	4.4	4.8	5.2	5.0	2.8	2.8	4.0
MAY	1.2	1.3	1.2	1.6	2.3	2.2	1.2	0.8	1.5	2.2	3.1	3.4	3.0	4.6	3.7	2.3	1.3	3.0
JUNE	0.2	0.4	0.2	0.6	1.0	0.9	0.4	0.2	0.5	0.3	0.8	0.7	0.8	1.7	1.2	0.5	0.4	0.8
JULY	0.1	0.4	0.3	0.4	0.8	0.5	0.3	0.1	0.4	0.4	0.6	0.5	0.6	1.0	0.9	0.4	0.2	0.6
AUGUST	0.1	0.3	0.2	0.3	0.6	0.6	0.1	0.2	0.3	0.2	0.5	0.5	0.6	0.7	0.9	0.3	0.2	0.4
SEPTEMBER	0.1	0.4	0.3	0.6	0.8	0.6	0.1	0.1	0.4	0.3	0.7	0.7	0.9	1.0	1.0	0.2	0.3	0.6
OCTOBER	0.6	0.9	1.1	1.2	1.5	1.4	0.6	0.4	1.0	1.2	1.8	2.6	2.2	2.8	2.5	1.4	0.9	1.9
NOVEMBER	1.6	2.2	2.3	2.3	2.6	2.4	1.5	1.7	2.1	2.8	3.6	4.3	3.9	4.6	3.9	2.6	2.7	3.6
DECEMBER	2.7	3.2	3.5	2.9	3.1	2.9	2.1	2.2	2.8	3.6	4.6	5.3	4.7	5.2	4.1	3.5	3.0	4.3
YEARLY MEANS	1.4	1.8	1.8	1.8	2.3	2.0	1.3	1.2	1.7	2.1	2.8	3.2	2.9	3.6	3.1	2.0	1.8	2.7

R A I N F A L L (I N M I L L I M E T E R S) سقوط الامطار (ملليمترات)

MONTH	AVERAGE RAINFALL	MAXIMUM RAINFALL IN 24 HOURS	DAY	YEAR	AVERAGE NUMBER OF DAYS OF RAINFALL ≥ 1 MM.	≥ 10 MMS.
JANUARY	67.9	37.5	13	1933	9.4	2.5
FEBRUARY	74.6	56.7	21	1942	9.5	2.2
MARCH	57.6	53.2	6	1954	8.3	1.9
APRIL	51.6	74.8	11	1931	7.2	1.5
MAY	16.6	38.6	2	1927	3.5	0.4
JUNE	0.5	3.8	7	1953	0.3	0.0
JULY	0.2	2.3	8	1943	0.1	0.0
AUGUST	0.0	0.2	5	1954	0.0	0.0
SEPTEMBER	0.3	1.8	27	1955	0.1	0.0
OCTOBER	7.9	27.4	27	1924	1.6	0.2
NOVEMBER	45.6	86.3	27	1929	6.1	1.5
DECEMBER	62.8	70.9	30	1945	8.1	2.2
YEAR	32.1	86.3	27/11	1929	4.5	1.0

NOTE:

Trace is less than 0.05 mm.

A V E R A G E N U M B E R O F D A Y S O F P H E N O M E N A S : معدل الايام التي حدثت فيها الظواهر الجوية :

MONTH	RAIN	SNOW	HAIL	THUNDER	FOG	DUSTSTORM	STATE OF SKY CLEAR 0-1	CLOUDY 7-8
JANUARY	10.2	0.5	0.2	0.6	5.7	0.0	8.4	10.3
FEBRUARY	10.5	0.3	0.5	1.4	3.0	0.0	6.0	9.3
MARCH	9.9	0.0	0.5	2.3	1.8	0.4	7.7	7.9
APRIL	8.4	0.0	0.6	4.4	1.2	0.2	8.1	5.6
MAY	3.9	0.0	0.2	3.7	0.0	0.6	10.8	3.1
JUNE	0.3	0.0	0.0	0.6	0.0	0.1	25.3	0.2
JULY	0.1	0.0	0.0	0.3	0.0	0.2	27.0	0.1
AUGUST	0.0	0.0	0.0	0.1	0.0	0.2	28.3	0.1
SEPTEMBER	0.2	0.0	0.0	0.2	0.1	0.4	26.1	0.2
OCTOBER	2.4	0.0	0.0	1.0	0.1	0.7	17.5	1.7
NOVEMBER	7.2	0.0	0.1	1.8	2.7	0.2	11.1	6.4
DECEMBER	9.0	0.1	0.1	0.5	6.3	0.0	8.7	9.9
YEARLY MEANS	5.2	0.1	0.2	1.4	1.7	0.3	15.4	4.6

WIND - FREQUENCY FROM SPECIFIED DIRECTIONS (AVERAGE) - SURFACE | معدل الريح السطحي

TIME - 0000 G.M.T. (No. of years - 11)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	1.0	0.6	1.5	1.4	0.8	0.4	0.7	1.5	23.1	2.1
FEBRUARY	0.6	0.9	3.4	1.8	0.7	0.5	0.6	1.5	18.2	2.7
MARCH	0.8	1.5	2.0	1.0	0.7	0.4	0.6	2.9	21.1	2.4
APRIL	1.6	1.2	1.5	0.5	0.6	0.5	2.3	2.1	19.6	2.5
MAY	2.7	0.5	0.8	0.5	0.0	0.2	1.7	3.8	20.7	2.1
JUNE	2.6	0.5	0.6	0.2	0.1	0.1	2.0	5.3	18.5	2.9
JULY	3.7	0.7	0.7	0.1	0.3	0.0	1.6	6.8	17.0	3.5
AUGUST	3.0	1.2	0.5	0.5	0.0	0.1	2.1	3.7	20.1	2.6
SEPTEMBER	3.1	1.2	0.4	0.2	0.0	0.0	1.2	2.5	21.5	2.0
OCTOBER	2.2	1.3	0.5	0.6	0.3	0.2	0.8	2.8	22.4	2.4
NOVEMBER	1.9	1.0	0.8	1.1	0.4	0.2	0.8	2.0	21.8	1.5
DECEMBER	1.1	0.6	1.5	1.4	0.6	0.0	1.5	1.2	23.1	2.0
YEARLY MEANS	2.0	0.9	1.2	0.8	0.4	0.2	1.3	3.0	20.6	2.4

TIME - 0300 G.M.T. (No. of years - 28)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	2.3	1.6	2.4	1.9	0.9	0.3	1.1	3.5	17.0	2.1
FEBRUARY	2.4	1.4	2.9	2.1	0.9	0.5	1.3	2.1	14.6	2.4
MARCH	2.3	1.5	2.8	1.1	0.9	0.4	2.0	3.3	16.6	2.2
APRIL	2.3	1.0	1.8	0.7	1.0	0.5	1.6	3.2	17.9	1.7
MAY	5.0	1.6	1.1	0.5	0.3	0.1	2.1	4.8	15.8	1.9
JUNE	5.4	1.3	0.8	0.4	0.3	0.2	1.8	4.9	14.9	2.1
JULY	6.1	1.4	0.7	0.3	0.1	0.2	1.8	6.9	13.5	2.5
AUGUST	6.3	1.8	0.8	0.1	0.2	0.1	1.5	4.3	16.0	2.1
SEPTEMBER	4.8	1.7	0.4	0.2	0.2	0.3	1.2	3.1	18.1	1.4
OCTOBER	3.7	1.4	0.8	0.5	0.5	0.2	1.5	4.0	18.4	1.5
NOVEMBER	2.9	0.8	1.6	1.0	1.0	0.2	1.4	3.0	18.0	1.6
DECEMBER	2.6	1.2	2.2	1.3	0.4	0.4	1.5	2.7	18.7	1.5
YEARLY MEANS	3.8	1.3	1.5	0.8	0.6	0.3	1.6	3.8	16.6	1.9

TIME - 0600 G.M.T. (No. of years - 28)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	3.5	1.5	2.5	2.4	1.2	0.4	1.3	4.6	13.7	2.8
FEBRUARY	3.6	1.5	3.4	2.5	1.3	0.6	1.3	3.8	10.2	3.3
MARCH	4.5	1.8	3.5	2.1	1.0	0.5	2.1	5.4	10.0	2.6
APRIL	5.4	2.2	3.7	2.1	0.6	0.3	1.5	4.6	9.6	3.1
MAY	8.4	2.7	2.8	1.6	0.7	0.1	1.6	5.3	7.9	4.4
JUNE	9.2	2.0	2.0	0.5	0.2	0.1	1.6	8.1	6.2	4.5
JULY	9.5	2.4	1.8	0.6	0.4	0.1	2.0	9.7	4.6	4.5
AUGUST	10.6	2.9	1.4	0.4	0.1	0.0	1.5	8.1	6.0	4.7
SEPTEMBER	9.1	3.0	1.1	0.4	0.1	0.2	1.3	7.4	7.4	3.4
OCTOBER	7.6	2.2	1.4	0.5	0.4	0.2	1.6	6.5	10.5	2.7
NOVEMBER	4.8	1.7	2.6	1.6	0.7	0.1	1.6	4.3	12.8	2.2
DECEMBER	3.9	1.9	2.5	2.0	0.8	0.3	1.9	3.9	13.9	2.3
YEARLY MEANS	6.7	2.2	2.4	1.4	0.6	0.2	1.6	5.6	9.4	3.4

TIME - 0900 G.M.T. (No. of years - 6)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	4.0	2.4	4.4	0.8	2.0	0.6	3.0	5.4	8.5	5.8
FEBRUARY	3.2	4.0	7.5	1.8	1.3	1.0	1.7	2.2	5.7	8.3
MARCH	2.0	3.3	8.5	2.7	2.7	1.5	4.2	1.7	4.5	7.7
APRIL	3.7	4.5	7.5	2.7	2.0	1.3	3.7	2.2	2.5	7.8
MAY	7.0	2.8	2.3	2.8	2.2	1.8	5.0	5.7	1.3	8.7
JUNE	9.2	4.2	1.7	0.3	1.8	1.5	4.8	5.7	0.8	8.5
JULY	7.2	3.7	2.5	2.3	2.2	1.3	5.7	4.0	2.2	8.3
AUGUST	6.5	6.0	5.2	2.2	0.8	0.8	3.2	5.5	0.8	7.5
SEPTEMBER	5.8	4.5	6.2	2.3	0.7	1.0	2.5	4.2	2.8	7.7
OCTOBER	7.0	3.1	3.9	2.4	1.6	0.6	2.9	3.6	6.0	5.6
NOVEMBER	3.3	3.7	4.6	2.0	1.6	0.4	3.0	5.7	5.7	6.0
DECEMBER	2.6	2.4	6.0	0.9	1.4	0.6	5.3	5.3	6.6	6.0
YEARLY MEANS	5.1	3.7	5.0	1.9	1.7	1.0	3.8	4.3	4.0	7.3

WIND - FREQUENCY FROM SPECIFIED DIRECTIONS (AVERAGE) - SURFACE

MONTH	TIME - 1200 G.M.T. (No. of years - 28)										TIME - 1500 G.M.T. (No. of years - 8)									
	N	NE	E	SE	S	SW	W	NW	CALM	V.K.	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	2.6	2.0	4.4	3.7	2.3	1.4	2.7	3.9	8.1	4.0	1.5	2.0	3.3	1.0	2.0	0.2	3.5	1.5	16.0	4.2
FEBRUARY	2.5	2.1	4.9	4.1	2.9	1.7	2.4	3.0	4.8	5.3	1.0	2.5	4.3	1.3	1.7	1.0	2.2	1.2	13.2	5.5
MARCH	3.7	2.3	4.1	3.1	3.2	2.3	3.5	4.0	4.8	5.3	1.8	3.2	3.5	1.3	2.3	1.5	6.0	2.3	9.0	5.7
APRIL	5.4	2.8	3.8	2.3	2.7	1.7	3.5	4.1	3.7	5.9	3.2	3.5	4.5	1.3	1.7	0.3	5.5	2.2	7.8	6.5
MAY	6.5	2.9	3.0	1.4	2.0	3.0	4.1	5.3	3.1	6.7	5.0	1.5	2.2	0.8	1.5	2.8	8.0	5.8	3.3	6.7
JUNE	5.3	2.5	1.6	0.9	2.3	4.0	5.4	5.2	2.9	6.6	3.5	1.5	0.8	0.0	1.2	3.8	7.0	6.3	5.8	8.0
JULY	5.1	2.5	2.3	2.1	3.0	2.6	5.4	4.6	3.5	5.4	4.3	2.3	1.2	1.2	2.2	3.0	8.3	3.8	4.7	7.2
AUGUST	5.6	2.3	2.0	1.5	2.4	3.4	4.9	5.1	3.8	6.1	5.2	1.7	1.0	0.8	2.3	2.7	7.3	3.2	6.8	6.5
SEPTEMBER	4.7	2.2	1.3	1.2	2.5	3.3	4.9	6.2	3.7	5.6	3.2	1.0	0.2	0.0	2.3	3.3	7.2	3.8	9.0	5.7
OCTOBER	5.7	2.1	2.3	1.7	3.0	2.0	3.9	4.5	5.8	4.2	3.0	1.3	1.4	0.7	1.0	1.6	3.6	2.6	15.9	3.4
NOVEMBER	3.5	1.8	3.5	2.6	1.8	2.0	2.6	4.7	8.5	3.4	2.4	2.6	2.1	1.1	1.1	0.4	4.4	1.1	14.6	3.3
DECEMBER	2.9	2.0	4.4	2.7	1.7	0.5	2.9	3.9	10.0	3.5	1.7	1.6	3.4	0.4	1.4	0.3	2.7	1.1	18.3	3.0
YEARLY MEANS	4.5	2.3	3.1	2.3	2.5	2.3	3.9	4.5	5.3	5.2	3.0	2.1	2.3	0.8	1.7	1.7	5.5	2.9	10.4	5.6

MONTH	TIME - 1800 G.M.T. (No. of years - 11)										TIME - 2100 G.M.T. (No. of years - 5)									
	N	NE	E	SE	S	SW	W	NW	CALM	V.K.	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	1.0	1.0	1.7	1.5	0.8	1.0	0.9	1.5	21.5	2.5	1.8	1.8	1.2	0.6	0.6	0.6	1.6	0.8	22.0	2.2
FEBRUARY	1.4	1.9	4.0	1.9	0.5	1.0	1.2	1.4	15.1	3.2	1.4	1.0	4.0	1.0	0.0	0.4	1.4	1.8	17.2	3.8
MARCH	1.5	2.7	2.4	2.0	0.5	0.8	2.5	2.0	16.5	3.5	2.8	0.8	2.8	0.8	0.2	0.6	2.4	2.8	17.8	3.4
APRIL	1.8	2.1	2.7	0.5	0.6	0.5	2.5	2.3	17.0	2.9	2.0	2.3	4.0	0.8	0.3	0.3	2.3	2.5	15.8	3.8
MAY	2.3	1.5	2.4	0.7	0.5	1.2	4.8	4.3	13.4	3.7	4.3	1.0	1.0	0.5	0.3	0.0	5.0	3.8	15.3	3.5
JUNE	2.0	1.3	0.8	0.0	0.9	2.6	7.9	4.0	10.5	4.9	4.5	1.7	1.5	0.3	0.5	0.5	5.3	2.8	13.0	4.5
JULY	1.4	0.8	0.6	0.1	1.1	3.4	9.8	2.5	11.4	5.0	6.0	2.0	0.8	0.3	0.5	0.3	3.5	4.8	13.0	4.5
AUGUST	1.4	1.2	0.7	0.1	0.8	3.4	8.3	3.3	11.9	4.7	4.0	1.4	1.6	0.0	0.0	0.6	4.6	4.2	14.6	3.4
SEPTEMBER	1.6	0.6	0.5	0.2	0.5	1.8	6.8	3.4	14.6	3.7	4.6	0.8	1.0	0.6	0.2	0.0	3.0	0.8	19.0	2.4
OCTOBER	3.3	0.7	0.7	0.8	0.5	0.3	3.2	2.4	19.1	2.5	4.4	2.2	0.8	0.6	0.2	0.4	1.4	1.0	20.0	2.0
NOVEMBER	1.5	1.5	2.1	0.5	0.5	0.0	2.2	1.2	20.5	2.0	3.5	0.8	1.8	0.2	0.8	0.0	2.2	2.0	18.7	2.3
DECEMBER	1.5	1.2	2.5	0.6	0.5	0.2	1.2	1.5	21.8	2.0	1.2	1.0	2.0	0.5	0.2	0.3	1.2	1.5	23.2	2.2
YEARLY MEANS	1.7	1.4	1.8	0.7	0.6	1.4	4.3	2.7	16.1	3.4	3.4	1.4	1.9	0.5	0.3	0.3	2.7	2.4	17.4	3.2

AVERAGE TEMPERATURES & THEIR RECORDS IN (CENTIGRADE) معدل درجات الحرارة (سنتغراد)

MONTH	TIME - G.M.T. 0000	0300	0600	0900	1200	1500	1800	2100	MEAN	MEAN MAX.	MEAN MIN.	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
JANUARY	6.5	5.3	7.5	12.0	12.0	10.6	9.8	7.3	8.9	13.2	3.9	21.1	22	1948	- 6.7	26	1947
FEBRUARY	8.1	6.5	9.9	13.8	14.2	12.5	9.0	9.4	10.4	15.1	5.0	26.6	25	1941	- 6.7	4	1947
MARCH	9.9	8.9	13.4	17.3	17.4	15.9	12.7	10.6	13.3	18.5	7.3	30.0	31	1952	- 5.6	14	1945
APRIL	15.0	14.1	19.8	23.7	24.2	22.2	17.9	16.2	19.1	25.4	12.3	36.6	30	1944	1.1	18	1947
MAY	17.1	20.3	27.8	28.0	32.2	27.2	24.5	22.1	24.9	33.5	18.4	43.3	7	1942	8.3	1	1948
JUNE	25.4	25.4	33.7	36.9	38.4	36.6	31.1	27.8	31.9	39.3	23.3	46.1	24	1942	13.9	2	1943
JULY	28.7	28.1	36.1	40.6	41.8	40.6	34.4	31.3	35.2	42.7	26.4	47.8	23	1940	20.0	13	1950
AUGUST	26.0	27.7	35.6	37.6	41.5	30.7	24.9	30.7	31.8	42.3	26.0	47.4	6	1956	19.4	26	1941
SEPTEMBER	25.0	23.6	31.5	36.8	37.5	33.2	28.5	32.7	31.1	38.7	22.0	46.1	2	1945	9.4	30	1938
OCTOBER	19.2	17.6	24.9	29.6	30.4	26.7	22.2	21.1	24.0	31.4	17.0	41.4	2	1953	1.1	29	1946
NOVEMBER	12.6	12.5	16.9	20.6	21.6	19.6	14.5	12.8	16.4	22.7	11.2	32.8	1	1944	- 2.0	30	1953
DECEMBER	7.7	7.4	10.0	14.0	14.3	11.5	9.2	8.3	10.3	15.6	5.9	27.1	2	1956	- 6.1	23	1946
YEAR	16.8	16.5	22.3	25.9	27.1	23.9	19.9	19.2	21.4	28.2	14.9	47.8	23/7	1940	- 6.7	26/1 & 4/2	1947 1947

AVERAGE PRESSURE & ITS RECORDS IN (MILLIBARS) AT M.S.L. معدل الضغط الجوي على سطح البحر (ملليبارات)

MONTH	0000	0300	0600	0900	1200	1500	1800	2100	MEAN	HIGHEST PRESSURE	DATE	TIME GMT	LOWEST PRESSURE	DATE	TIME GMT
JANUARY	1019.4	1019.2	1019.6	1018.9	1018.0	1017.8	1019.1	1019.2	1018.9	1030.2	29/50	0600	1004.9	28/47	120
FEBRUARY	1016.7	1017.3	1017.8	1016.8	1016.0	1015.7	1017.2	1016.4	1016.7	1034.4	8/50	0600	1000.3	26/49	030
MARCH	1014.1	1015.2	1015.4	1014.2	1013.7	1013.0	1014.7	1014.4	1014.3	1028.1	9/53	0600	999.7	28/44	020
APRIL	1011.5	1012.8	1012.7	1011.8	1011.1	1010.2	1012.2	1011.4	1011.7	1026.5	1/56	2100	997.2	29/56	150
MAY	1008.3	1009.0	1008.6	1007.8	1007.0	1006.4	1007.9	1008.4	1007.9	1019.1	2/48	0600	996.2	3/46	060
JUNE	1002.7	1003.5	1002.8	1001.8	1001.1	1003.6	1002.1	1002.3	1002.5	1014.4	1/52	0300	991.2	1/51	150
JULY	999.8	998.6	997.9	996.8	996.0	995.7	997.1	997.3	997.4	1006.6	11/51	0000	990.3	26/50	180
AUGUST	999.8	1000.5	1000.0	998.9	998.1	997.6	999.3	999.8	999.2	1009.5	31/53	0300	990.1	13/52	150
SEPTEMBER	1005.9	1006.9	1006.5	1005.1	1004.4	1004.2	1006.1	1005.8	1005.6	1013.3	27/50	0300	995.5	1/55	150
OCTOBER	1013.0	1014.0	1013.8	1012.3	1011.8	1011.7	1013.2	1013.2	1012.8	1024.4	29/47	0300	1002.5	7/50	120
NOVEMBER	1017.7	1018.0	1018.2	1017.2	1016.3	1016.9	1017.8	1018.3	1017.6	1031.1	30/53	0600	1006.0	7/44	120
DECEMBER	1020.3	1020.4	1020.8	1019.8	1019.0	1019.6	1020.1	1020.4	1020.0	1031.5	13/56	0600	1006.9	16/51	030
YEAR	1010.1	1011.3	1011.2	1010.1	1009.4	1009.4	1010.6	1010.6	1010.4	1034.4	8/2/50	0600	990.1	13/8/52	150

AVERAGE RELATIVE HUMIDITY IN (%) معدل الرطوبة النسبية

MONTH	0000	0300	0600	0900	1200	1500	1800	2100	MEAN
JANUARY	84	84	76	63	61	70	79	73	74
FEBRUARY	78	79	70	59	54	65	73	73	69
MARCH	74	75	63	49	48	55	67	72	63
APRIL	65	67	52	40	39	44	56	63	53
MAY	46	47	33	25	23	25	38	39	35
JUNE	29	31	20	16	14	16	22	24	22
JULY	26	29	20	15	14	14	19	24	20
AUGUST	26	27	19	15	12	17	20	24	20
SEPTEMBER	27	29	21	15	14	17	23	24	21
OCTOBER	33	40	31	21	22	25	33	32	30
NOVEMBER	59	62	53	40	40	48	56	60	52
DECEMBER	77	79	70	58	58	68	74	78	70
YEARLY MEANS	52	54	44	35	33	39	47	48	44

AVERAGE VAPOUR PRESSURE IN (Mbs.) معدل ضغط البخار

MONTH	0000	0300	0600	0900	1200	1500	1800	2100	MEAN
JANUARY	8.2	8.0	8.1	8.7	9.0	8.6	8.5	8.4	8.4
FEBRUARY	8.5	8.0	8.4	8.7	9.0	9.1	8.5	8.5	8.6
MARCH	9.1	9.0	10.0	9.4	9.3	9.9	9.6	9.3	9.5
APRIL	10.9	11.0	12.0	11.0	11.1	11.3	11.3	11.4	11.3
MAY	10.6	11.0	12.0	10.5	10.3	10.5	11.2	10.0	10.8
JUNE	9.4	10.0	10.2	9.8	9.4	9.4	9.7	9.4	9.7
JULY	10.2	11.0	11.4	11.3	11.1	10.6	10.4	10.6	10.8
AUGUST	10.2	10.0	11.0	11.1	10.0	10.3	10.2	10.7	10.4
SEPTEMBER	8.6	9.0	10.0	9.5	9.0	9.2	9.2	8.9	9.2
OCTOBER	7.6	8.4	9.3	8.7	9.0	8.6	8.5	7.8	8.5
NOVEMBER	8.4	9.0	10.0	9.1	10.0	9.1	9.3	8.7	9.2
DECEMBER	8.3	8.2	9.0	9.0	9.3	9.2	8.8	8.7	8.8
YEARLY MEANS	9.2	9.4	10.1	9.7	9.7	9.7	9.6	9.4	9.6

AVERAGE LOW CLOUD IN (OKTAS) معدل كميات الغيوم الواطئة (بالاثمان)

MONTH	0000	0300	0600	0900	1200	1500	1800	2100	MEAN
JANUARY	2.1	2.5	2.8	2.4	3.0	2.2	2.0	2.1	2.4
FEBRUARY	2.4	2.3	2.5	2.5	3.1	2.4	1.9	2.3	2.4
MARCH	2.1	2.3	2.3	2.4	2.9	2.1	1.8	1.8	2.2
APRIL	1.7	1.7	1.6	2.2	2.6	2.1	1.4	1.7	1.9
MAY	0.7	1.1	0.9	1.2	1.7	1.2	0.8	0.6	1.0
JUNE	0.1	0.2	0.1	0.3	0.5	0.3	0.1	0.2	0.2
JULY	0.1	0.1	0.1	0.2	0.4	0.3	0.1	0.1	0.2
AUGUST	0.2	0.2	0.1	0.2	0.4	0.5	0.1	0.2	0.2
SEPTEMBER	0.1	0.1	0.2	0.2	0.3	0.2	0.1	0.1	0.2
OCTOBER	0.6	0.8	0.8	0.9	1.1	0.6	0.4	0.4	0.7
NOVEMBER	1.4	1.9	1.9	1.9	2.2	1.6	1.3	1.5	1.7
DECEMBER	2.0	2.3	2.5	2.2	2.6	2.0	1.8	1.8	2.2
YEARLY MEANS	1.1	1.3	1.3	1.4	1.7	1.3	1.0	1.1	1.3

AVERAGE TOTAL CLOUD IN (OKTAS) معدل كميات الغيوم (بالاثمان)

MONTH	0000	0300	0600	0900	1200	1500	1800	2100	MEAN
JANUARY	3.6	4.0	4.5	4.0	4.9	3.6	3.4	3.8	4.0
FEBRUARY	3.7	3.8	4.5	4.4	4.9	4.0	3.3	3.7	4.0
MARCH	3.5	4.0	4.5	4.7	5.1	4.2	3.3	3.7	4.1
APRIL	3.4	3.4	3.7	4.0	4.6	4.0	2.6	3.4	3.6
MAY	1.9	2.6	2.7	2.7	3.8	3.0	2.0	2.0	2.6
JUNE	0.3	0.5	0.5	0.6	0.9	0.6	0.3	0.3	0.5
JULY	0.2	0.5	0.4	0.6	0.8	0.6	0.2	0.2	0.4
AUGUST	0.4	0.5	0.4	0.5	0.7	0.8	0.2	0.2	0.6
SEPTEMBER	0.2	0.4	0.5	0.6	0.7	0.6	0.2	0.2	0.4
OCTOBER	1.1	1.8	2.1	2.0	2.7	1.9	1.2	0.9	1.7
NOVEMBER	3.0	3.3	3.8	3.8	4.3	3.3	2.4	2.7	3.3
DECEMBER	3.3	3.7	4.3	4.1	4.4	3.6	3.1	3.0	3.7
YEARLY MEANS	2.1	2.4	2.7	2.7	3.2	2.5	1.9	2.0	2.4

RAINFALL IN (MILLIMETERS) معدل الامطـــــــــار (ملليمترات)

MONTH	AVERAGE RAINFALL	MAXIMUM RAINFALL IN 24 HOURS	DAY	YEAR	AVERAGE NUMBER OF DAYS OF RAINFALL ≥ 1 MM.	≥ 10 MMS.
JANUARY	61.7	42.9	27	1940	7.6	2.0
FEBRUARY	70.6	61.4	18	1953	7.3	2.2
MARCH	85.6	97.6	1	1953	7.8	2.7
APRIL	48.8	40.9	6	1939	6.3	1.6
MAY	9.4	19.1	11	1950	1.8	0.1
JUNE	0.0	Trace	1&3	1955	0.0	0.0
JULY	0.0	0.3	11	1947	0.0	0.0
AUGUST	0.0	0.2	10	1956	0.0	0.0
SEPTEMBER	0.3	3.2	28	1942	0.1	0.0
OCTOBER	3.7	9.0	31	1939	1.2	0.0
NOVEMBER	36.3	44.0	3	1945	4.7	1.3
DECEMBER	68.6	46.3	30	1945	6.8	2.4
YEAR	32.1	97.6	1/3	1953	3.6	1.0

NOTE: TRACE IS LESS THAN 0.05 mm.

AVERAGE NUMBER OF DAYS OF PHENOMENAS : معدل الايام التي حدثت فيها الظواهر الجويـــــــة :

MONTH	RAIN	SNOW	HAIL	THUNDER	FOG	DUSTSTORM	STATE OF SKY CLEAR	CLOUDY
JANUARY	9.6	0.2	0.3	0.6	0.9	0.1	9.5	8.0
FEBRUARY	9.5	0.3	0.3	1.3	0.3	0.3	8.7	6.5
MARCH	9.6	0.1	0.6	2.3	0.1	0.2	7.7	6.8
APRIL	8.1	0.0	0.2	3.2	0.0	0.2	9.4	4.5
MAY	2.7	0.0	0.0	1.6	0.0	0.8	13.7	2.3
JUNE	0.0	0.0	0.0	0.2	0.0	0.5	26.9	0.1
JULY	0.1	0.0	0.0	0.0	0.0	0.4	28.6	0.1
AUGUST	0.1	0.0	0.0	0.1	0.0	0.6	28.1	0.1
SEPTEMBER	0.2	0.0	0.0	0.2	0.0	0.4	26.3	0.0
OCTOBER	2.2	0.0	0.1	0.5	0.0	0.9	18.8	1.1
NOVEMBER	6.3	0.0	0.0	1.3	0.0	0.4	11.6	4.9
DECEMBER	8.9	0.1	0.0	0.6	0.6	0.1	10.6	6.7
YEARLY MEANS	4.8	0.1	0.1	1.0	0.2	0.4	16.7	3.4

KIRKUK — كركـــــــــوك

WIND - FREQUENCY FROM SPECIFIED DIRECTIONS (AVERAGE) - SURFACE — معدل الريح السطحي

TIME - 0000 G.M.T. (No. of years - 6)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	3.2	16.3	5.2	3.2	1.2	0.2	0.2	0.3	1.3	5.8
FEBRUARY	2.5	9.3	7.3	4.0	2.3	0.7	0.3	1.0	0.8	6.7
MARCH	1.3	17.0	5.7	3.0	2.2	0.2	0.0	1.0	0.7	6.5
APRIL	3.5	13.7	4.7	2.8	0.5	0.7	1.2	1.2	1.8	6.5
MAY	3.0	20.5	4.7	0.8	0.3	0.0	0.5	0.2	1.0	6.0
JUNE	6.7	15.2	2.2	0.2	0.2	1.2	1.5	2.0	1.0	6.8
JULY	8.7	15.0	3.0	0.7	0.0	0.0	0.2	2.0	1.5	5.7
AUGUST	4.8	20.2	1.7	0.3	0.2	0.3	0.5	1.0	2.0	5.7
SEPTEMBER	5.8	16.8	3.7	0.7	0.3	0.2	0.2	0.8	1.5	5.2
OCTOBER	5.0	10.1	3.4	2.4	1.1	1.0	1.7	5.0	1.3	5.3
NOVEMBER	3.6	17.9	5.1	2.1	0.6	0.1	0.0	0.1	0.4	5.9
DECEMBER	2.9	15.7	5.0	3.3	1.6	0.3	0.0	0.4	1.9	5.4
YEARLY MEANS	4.3	15.6	4.3	2.0	0.9	0.4	0.5	1.3	1.2	6.0

TIME - 0300 G.M.T. (No. of years - 18)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	6.1	10.4	6.1	3.4	1.3	0.2	0.2	0.8	2.4	4.9
FEBRUARY	5.7	9.6	5.7	3.2	1.7	0.0	0.2	0.6	1.6	5.6
MARCH	6.1	11.3	4.8	4.3	1.2	0.3	0.4	0.5	2.0	5.1
APRIL	6.0	12.7	5.0	2.4	0.4	0.1	0.6	0.8	1.9	5.1
MAY	5.9	14.1	4.2	1.2	0.4	0.3	0.6	1.8	2.4	4.7
JUNE	9.8	12.3	2.3	0.6	0.2	0.2	0.3	1.5	2.9	4.4
JULY	9.7	11.3	2.0	0.8	0.3	0.1	0.3	2.6	3.9	4.0
AUGUST	9.3	14.2	2.6	0.3	0.0	0.1	0.2	1.4	3.0	4.4
SEPTEMBER	7.7	13.7	3.7	0.4	0.0	0.2	0.2	1.2	2.8	4.4
OCTOBER	6.7	15.0	3.7	1.6	0.6	0.2	0.5	0.4	2.3	4.6
NOVEMBER	6.6	12.3	4.6	2.4	0.7	0.3	0.3	0.5	2.3	5.2
DECEMBER	7.5	10.9	3.9	3.3	1.6	0.2	0.2	0.6	2.6	4.8
YEARLY MEANS	7.3	12.3	4.1	2.0	0.7	0.2	0.3	1.1	2.5	4.8

TIME - 0600 G.M.T. (No. of years - 18)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	4.1	8.4	5.5	5.1	1.8	0.4	0.4	1.2	4.2	4.5
FEBRUARY	3.1	7.1	5.4	5.7	2.2	0.3	0.2	0.8	3.4	5.5
MARCH	3.7	5.8	4.6	5.6	2.7	0.6	1.6	1.8	4.6	5.1
APRIL	4.2	5.2	3.6	5.8	2.8	1.2	1.3	1.7	4.3	5.5
MAY	4.2	4.6	2.4	2.9	3.7	1.6	2.6	4.5	4.4	5.4
JUNE	5.4	3.7	2.1	1.6	1.7	1.4	3.3	7.5	3.3	5.5
JULY	5.2	4.2	1.7	2.1	1.9	0.9	2.3	8.9	3.7	6.1
AUGUST	4.9	4.2	2.1	1.8	2.1	0.8	2.6	7.9	4.6	5.4
SEPTEMBER	5.4	4.7	2.2	2.3	1.6	0.7	1.8	4.9	6.3	4.4
OCTOBER	4.6	7.1	3.2	4.3	1.2	0.4	0.7	2.9	6.7	4.4
NOVEMBER	4.5	9.1	4.4	4.1	1.5	0.2	0.6	1.7	4.0	4.8
DECEMBER	5.4	8.8	4.6	4.3	1.8	0.3	0.1	1.1	4.5	4.3
YEARLY MEANS	4.6	6.1	3.5	3.8	2.1	0.7	1.5	3.7	4.5	5.1

TIME - 0900 G.M.T. (No. of years - 7)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	3.0	1.4	2.3	6.3	8.3	2.0	2.0	2.7	3.0	6.0
FEBRUARY	1.8	1.7	2.0	5.5	8.8	2.0	2.3	2.8	1.5	8.0
MARCH	2.3	1.4	1.0	4.1	7.9	3.6	4.6	4.0	2.1	7.0
APRIL	3.1	2.9	1.9	3.9	6.0	3.0	3.7	4.1	1.4	8.1
MAY	2.5	0.8	1.3	2.7	4.0	5.7	6.8	6.2	1.0	7.7
JUNE	3.7	2.0	1.2	0.8	2.0	3.7	6.7	9.7	0.3	8.2
JULY	2.5	2.5	1.3	2.3	3.0	4.8	5.8	7.8	0.8	8.5
AUGUST	2.3	1.5	2.3	2.0	3.5	5.8	6.0	6.8	0.7	8.0
SEPTEMBER	2.2	3.2	1.3	1.3	2.8	5.8	5.5	7.0	0.8	6.7
OCTOBER	3.3	11.3	1.9	1.6	3.0	2.9	3.0	3.1	1.0	5.6
NOVEMBER	3.3	2.4	1.7	3.7	4.9	2.6	3.7	5.9	1.9	6.1
DECEMBER	2.6	1.4	1.6	6.1	9.7	2.1	1.7	2.3	3.4	5.6
YEARLY MEANS	2.7	2.7	1.7	3.4	5.3	3.7	4.3	5.2	1.5	7.1

WIND - FREQUENCY FROM SPECIFIED DIRECTIONS (AVERAGE) - SURFACE

معدل الريح السطحي

MONTH	TIME - 1200 G.M.T. (No. of years - 18)										TIME - 1500 G.M.T. (No. of years - 7)									
	N	NE	E	SE	S	SW	W	NW	CALM	V.K.	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	3.1	1.1	2.6	4.9	5.9	2.6	3.2	5.1	2.5	6.4	5.3	3.0	1.9	4.6	3.3	1.6	2.7	4.4	4.3	4.7
FEBRUARY	1.7	1.8	1.8	5.9	5.3	2.8	3.4	3.8	1.7	7.4	3.9	1.9	2.4	4.4	4.7	2.0	2.9	4.4	1.9	5.9
MARCH	2.6	1.0	2.2	4.2	5.1	4.8	4.6	4.8	1.7	7.4	3.0	2.3	1.6	2.4	4.3	4.9	4.6	6.4	1.6	5.9
APRIL	2.7	1.9	1.9	3.3	5.1	4.1	4.3	5.1	1.6	7.6	5.4	3.0	1.6	2.3	4.6	1.6	3.9	6.7	1.0	6.6
MAY	2.6	1.8	1.0	1.6	3.5	5.8	7.0	6.6	1.1	10.1	2.8	2.0	1.0	0.6	2.0	5.0	8.0	9.4	0.2	8.0
JUNE	3.2	1.2	0.5	0.8	2.4	4.3	8.8	7.7	1.0	8.6	4.3	1.3	0.5	0.3	0.7	3.5	10.3	8.5	0.5	7.5
JULY	2.8	1.2	0.3	1.1	3.1	5.8	7.7	7.7	1.3	8.8	3.3	0.8	0.2	0.8	2.3	5.5	8.5	9.5	0.0	8.5
AUGUST	2.4	1.1	0.6	0.6	3.1	5.1	8.0	8.5	1.3	8.5	2.7	2.0	0.7	0.5	3.0	5.2	8.0	8.5	0.5	7.3
SEPTEMBER	2.3	0.7	0.4	0.6	3.3	4.4	7.7	9.2	1.5	8.5	2.3	1.5	0.3	0.0	1.2	4.5	10.5	8.3	1.3	6.2
OCTOBER	3.0	0.9	0.7	1.8	5.1	3.6	5.9	6.5	3.5	7.3	5.1	1.7	0.4	0.9	2.9	4.7	7.0	7.4	1.1	5.0
NOVEMBER	2.8	1.5	1.3	3.1	4.9	3.3	4.6	5.9	2.6	5.8	5.9	3.6	1.6	2.1	2.6	2.0	3.0	6.0	3.3	4.9
DECEMBER	2.9	2.0	1.7	5.1	5.6	2.5	3.2	4.3	3.8	5.6	4.4	4.4	2.4	3.4	4.1	1.6	1.9	2.7	6.0	4.3
YEARLY MEANS	2.7	1.4	1.3	2.8	4.5	4.1	5.7	6.3	2.0	7.7	4.0	2.3	1.2	1.9	3.0	3.5	5.9	6.9	1.8	6.2

MONTH	TIME - 1800 G.M.T. (No. of years - 14)										TIME - 2100 G.M.T. (No. of years - 5)									
	N	NE	E	SE	S	SW	W	NW	CALM	V.K.	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	8.0	9.5	3.0	4.1	1.5	0.7	0.8	2.1	1.5	5.1	3.8	14.5	4.8	3.3	1.3	0.3	0.5	0.3	2.5	5.3
FEBRUARY	6.1	6.5	3.3	4.0	1.6	1.0	1.5	3.1	1.2	5.6	3.5	10.2	5.0	4.5	2.5	0.0	0.0	0.8	1.5	6.3
MARCH	5.8	8.5	4.6	3.1	1.5	1.2	0.8	3.8	1.7	5.2	4.0	13.0	5.3	3.5	1.8	0.5	0.0	0.8	2.3	5.5
APRIL	8.0	8.7	2.9	3.0	0.9	0.7	0.8	3.7	1.3	5.5	3.0	13.5	5.0	4.0	0.8	0.8	0.0	1.0	2.0	6.3
MAY	9.2	7.7	2.1	1.2	0.6	1.2	2.7	4.1	2.4	5.5	4.5	17.8	4.3	0.5	0.3	0.3	0.0	1.3	2.3	5.0
JUNE	9.1	4.1	0.6	0.4	0.6	1.5	4.7	6.9	1.9	5.1	5.0	13.6	3.2	0.8	0.2	0.6	0.8	2.8	3.0	5.0
JULY	7.2	3.6	0.9	0.4	0.9	2.3	4.2	8.9	2.6	4.6	7.4	13.2	2.6	0.6	0.4	0.6	0.6	3.4	2.2	4.6
AUGUST	8.8	4.8	1.5	0.9	0.4	1.4	4.7	6.4	2.2	4.5	7.2	14.0	3.8	0.6	0.4	0.4	0.8	2.2	1.6	4.8
SEPTEMBER	9.6	5.7	1.1	0.6	0.4	1.1	2.4	6.4	2.8	3.9	5.0	13.5	3.3	0.3	0.2	0.3	2.2	2.7	2.5	4.7
OCTOBER	10.0	10.6	2.5	0.9	0.6	0.7	1.1	3.1	1.4	4.4	3.7	21.3	3.3	1.0	0.5	0.0	0.0	0.5	0.7	5.2
NOVEMBER	7.2	10.4	3.6	2.0	1.7	0.2	0.3	2.9	1.6	4.8	3.2	16.5	4.5	2.5	1.2	0.3	0.0	0.7	1.2	5.3
DECEMBER	8.3	9.8	3.4	3.6	1.4	0.4	0.3	1.6	2.2	4.9	2.0	15.7	5.3	3.2	0.8	0.3	0.5	0.7	2.5	4.7
YEARLY MEANS	8.1	7.5	2.5	2.0	1.0	1.0	2.0	4.4	1.9	4.9	4.4	14.7	4.2	2.1	0.9	0.4	0.5	1.4	2.0	5.2

AVERAGE TEMPERATURES & THEIR RECORDS IN (CENTIGRADE) معدل درجات الحرارة (سنتغراد)

MONTH	TIME - G.M.T. 0000	0300	0600	0900	1200	1500	1800	2100	MEAN	MEAN MAX.	MEAN MIN.	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
JANUARY	-	6.3	8.4	-	14.5	13.2	9.7	-	10.4	15.4	4.6	27.2	3&4	1944	- 6.7	7	1942
FEBRUARY	-	7.6	10.2	-	16.2	16.1	11.8	-	12.4	17.2	5.8	29.4	9	1944	- 4.4	9	1950
MARCH	-	10.0	14.1	-	19.7	19.7	15.6	-	15.8	20.6	8.2	31.6	14&27	1944	- 2.2	14	1945
APRIL	-	14.8	21.7	-	26.7	26.1	21.0	-	22.1	27.3	13.4	38.9	28	1944	0.5	1	1956
MAY	-	20.6	29.1	-	34.0	31.7	27.3	-	28.5	35.0	18.9	43.3	8,9&10	1942	8.3	1	1948
JUNE	-	24.0	34.4	-	39.8	38.1	32.5	-	33.8	40.8	22.6	47.2	25&28	1942	14.4	4	1938
JULY	-	28.4	36.2	-	43.0	41.6	36.3	-	37.1	43.8	25.6	50.0	19	1940	18.9	8	1946
AUGUST	-	26.2	35.4	-	42.5	41.1	34.8	-	36.0	43.2	25.0	49.5	8	1938	11.6	24	1942
SEPTEMBER	-	22.6	31.5	-	38.7	35.6	29.9	-	31.7	39.3	21.0	48.4	5&6	1938	10.6	30	1938
OCTOBER	-	17.7	25.0	-	32.1	28.9	23.4	-	25.4	33.1	16.2	42.2	2	1953	3.9	14&15	1948
NOVEMBER	-	12.3	16.7	-	23.2	19.5	16.0	-	17.5	24.7	10.9	35.0	7	1940	0.0	30	1953
DECEMBER	-	6.9	10.1	-	16.0	14.3	11.0	-	11.7	17.1	6.2	27.8	2	1956	- 5.0	5	1941
YEAR	-	16.5	22.7	-	28.9	27.2	22.4	-	23.5	29.8	14.9	50.0	19/7	1940	- 6.7	7/1	1942

AVERAGE PRESSURE & ITS RECORDS IN(MILLIBARS) AT M.S.L. معدل الضغط الجوي على سطح البحر (ملليبارات)

MONTH	0000	0300	0600	0900	1200	1500	1800	2100	MEAN	HIGHEST PRESSURE	DATE	TIME GMT.	LOWEST PRESSURE	DATE	TIME GMT.
JANUARY	-	1019.0	1019.3	-	1017.2	1018.3	1019.0	-	1018.6	1029.9	13/52	0600	1002.8	26/49	0600
FEBRUARY	-	1017.3	1017.5	-	1015.5	1015.6	1017.1	-	1016.6	1033.6	7/50	1800	997.3	28/56	1800
MARCH	-	1014.7	1015.1	-	1013.2	1013.5	1014.8	-	1014.5	1026.9	2/49	0600	998.4	1/52	1200
APRIL	-	1012.3	1012.3	-	1010.4	1009.9	1012.1	-	1011.4	1026.7	1/48	0600	997.5	29/56	1800
MAY	-	1008.4	1007.8	-	1006.1	1006.9	1007.5	-	1007.3	1019.9	1/48	0600	992.8	31/51	1500
JUNE	-	1003.0	1002.0	-	1000.4	1000.5	1001.6	-	1001.5	1013.1	1/52	0300	992.1	1/51	1500
JULY	-	998.0	997.3	-	995.4	996.0	997.8	-	996.9	1005.3	11/51	0300	989.8	17/47	1200
AUGUST	-	999.9	999.2	-	997.4	997.6	998.9	-	998.6	1008.8	31/53	0300	990.5	11/50	0600
SEPTEMBER	-	1006.0	1005.8	-	1004.0	1004.0	1005.7	-	1005.1	1013.8	28/52	0600	995.9	4/56	1200
OCTOBER	-	1013.3	1013.2	-	1010.8	1011.2	1012.7	-	1012.2	1023.5	26/50	0300	1001.1	9/49	1800
NOVEMBER	-	1017.3	1017.4		1015.5	1016.4	1017.0	-	1016.7	1029.4	30/53	0600	1007.5	14/48	1200
DECEMBER	-	1019.9	1020.4	-	1018.1	1019.3	1019.8	-	1019.5	1030.9	12/56	1800	1006.6	14/51	1200

AVERAGE RELATIVE HUMIDITY IN (%) معدل الرطوبة النسبية										AVERAGE VAPOUR PRESSURE IN (Mbs.) معدل ضغط البخار								
MONTH	0000	0300	0600	0900	1200	1500	1800	2100	MEAN	0000	0300	0600	0900	1200	1500	1800	2100	MEAN
JANUARY	-	82	75	-	52	63	74	-	69	-	8.0	8.3	-	8.5	9.1	8.9	-	8.6
FEBRUARY	-	78	68	-	45	52	68	-	62	-	8.0	8.5	-	8.1	8.9	8.7	-	8.4
MARCH	-	75	61	-	41	44	59	-	56	-	9.2	9.6	-	9.1	8.9	9.7	-	9.3
APRIL	-	63	45	-	30	36	46	-	44	-	10.4	10.8	-	9.6	10.2	10.7	-	10.3
MAY	-	43	27	-	19	18	29	-	27	-	10.1	10.5	-	9.4	8.2	10.2	-	9.7
JUNE	-	28	17	-	12	11	17	-	17	-	8.5	9.3	-	8.6	7.2	8.5	-	8.4
JULY	-	26	18	-	12	11	15	-	16	-	9.1	10.4	-	9.9	8.4	9.3	-	9.4
AUGUST	-	27	18	-	13	12	16	-	17	-	9.0	10.3	-	9.8	8.8	9.1	-	9.4
SEPTEMBER	-	28	20	-	12	14	20	-	19	-	7.6	8.8	-	8.3	8.1	8.5	-	8.3
OCTOBER	-	36	27	-	18	21	26	-	26	-	7.3	8.4	-	8.3	8.0	7.4	-	7.9
NOVEMBER	-	59	52	-	36	42	49	-	48	-	8.7	9.3	-	9.1	9.2	8.8	-	9.0
DECEMBER	-	80	71	-	51	64	74	-	68	-	8.6	9.0	-	9.3	9.7	9.4	-	9.2
YEARLY MEANS	-	52	42	-	28	32	41	-	39	-	8.7	9.4	-	9.0	8.7	9.1	-	9.0

AVERAGE LOW CLOUD IN (OKTAS) معدل كميات الغيوم الواطئة (بالاثمان)										AVERAGE TOTAL CLOUD IN (OKTAS) معدل كميات الغيوم (بالاثمان)								
MONTH	0000	0300	0600	0900	1200	1500	1800	2100	MEAN	0000	0300	0600	0900	1200	1500	1800	2100	MEAN
JANUARY	-	2.5	2.9	-	3.4	3.0	2.8	-	2.9	-	3.8	4.6	-	4.9	4.1	3.4	-	4.2
FEBRUARY	-	2.8	2.8	-	3.3	3.7	3.0	-	3.1	-	4.0	4.5	-	5.2	4.8	3.8	-	4.5
MARCH	-	3.0	2.8	-	3.7	4.1	3.3	-	3.4	-	4.4	4.8	-	5.5	6.0	4.2	-	5.0
APRIL	-	2.4	2.2	-	3.1	3.6	2.9	-	2.8	-	4.0	4.1	-	4.9	5.0	3.8	-	4.4
MAY	-	1.8	1.2	-	2.2	1.7	2.1	-	1.8	-	3.2	3.3	-	4.4	3.1	3.2	-	3.4
JUNE	-	0.1	0.1	-	0.3	0.5	0.2	-	0.2	-	0.3	0.3	-	0.7	0.6	0.3	-	0.4
JULY	-	0.4	0.3	-	0.3	0.3	0.3	-	0.3	-	0.8	0.5	-	0.8	0.6	0.4	-	0.6
AUGUST	-	0.4	0.2	-	0.4	0.6	0.2	-	0.4	-	0.8	0.5	-	0.7	0.9	0.3	-	0.6
SEPTEMBER	-	0.4	0.4	-	0.6	0.5	0.2	-	0.4	-	0.6	0.7	-	0.8	0.8	0.3	-	0.6
OCTOBER	-	1.2	1.2	-	1.6	1.6	0.9	-	1.3	-	2.2	2.4	-	3.0	2.5	1.6	-	2.3
NOVEMBER	-	2.0	2.5	-	2.6	2.6	1.9	-	2.3	-	3.3	4.0	-	4.4	3.9	2.6	-	3.6
DECEMBER	-	2.7	2.9	-	3.1	3.3	2.8	-	3.0	-	4.2	4.6	-	5.0	4.3	3.9	-	4.4
YEARLY MEANS	-	1.6	1.5	-	2.1	2.1	1.7	-	1.8	-	2.6	2.9	-	3.4	3.1	2.3	-	2.8

RAINFALL IN (MILIMETERS)

MONTH	AVERAGE RAINFALL	MAXIMUM RAINFALL IN 24 HOURS	DAY	YEAR	AVERAGE NUMBER OF DAYS OF RAINFALL ≥ 1 MM.	≥ 10 MMS.
JANUARY	60.8	50.8	5	1946	6.5	1.9
FEBRUARY	55.4	60.5	23	1943	6.3	1.6
MARCH	65.1	93.4	21	1943	7.9	2.0
APRIL	35.4	52.0	9	1953	4.3	1.0
MAY	17.2	32.6	6	1950	1.8	0.4
JUNE	0.0	Trace	10	1944	0.0	0.0
JULY	0.5	9.1	10	1938	0.1	0.0
AUGUST	0.2	1.9	23	1938	0.1	0.0
SEPTEMBER	0.1	1.0	25	1951	0.1	0.0
OCTOBER	8.0	54.8	30	1937	0.7	0.2
NOVEMBER	32.3	33.4	13	1940	4.2	1.3
DECEMBER	59.8	71.4	21	1956	6.5	1.9
YEAR	27.9	93.4	21/3	1943	3.2	0.9

NOTE: TRACE IS LESS THAN 0.05 MM.

AVERAGE NUMBER OF DAYS OF PHENOMENAS :

MONTH	RAIN	SNOW	HAIL	THUNDER	FOG	DUSTSTORM	STATE OF SKY CLEAR	CLOUDY
JANUARY	9.1	0.1	0.2	0.8	0.8	0.1	9.8	6.6
FEBRUARY	7.4	0.2	0.3	1.1	0.4	0.5	7.9	7.1
MARCH	9.2	0.1	0.2	1.6	0.3	0.2	5.9	8.3
APRIL	6.4	0.0	0.2	2.1	0.0	0.6	8.7	6.7
MAY	2.9	0.1	0.1	0.9	0.0	1.0	11.3	1.8
JUNE	0.0	0.0	0.0	0.0	0.0	0.1	27.8	0.1
JULY	0.1	0.0	0.0	0.0	0.0	0.4	27.2	0.3
AUGUST	0.1	0.0	0.0	0.1	0.0	0.2	27.2	0.4
SEPTEMBER	0.1	0.0	0.0	0.0	0.0	0.2	27.1	0.1
OCTOBER	1.4	0.0	0.0	0.4	0.0	0.5	18.6	1.8
NOVEMBER	5.6	0.0	0.0	0.2	0.2	0.1	11.2	4.4
DECEMBER	8.1	0.0	0.0	0.3	0.6	0.1	8.9	8.1
YEARLY MEANS	4.2	0.0	0.1	0.6	0.2	0.3	16.0	3.5

WIND - FREQUENCY FROM SPECIFIED DIRECTIONS (AVERAGE) - SURFACE معدل الريح السطحي

TIME - 0000 G.M.T.

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY										
FEBRUARY										
MARCH										
APRIL										
MAY										
JUNE										
JULY										
AUGUST										
SEPTEMBER										
OCTOBER										
NOVEMBER										
DECEMBER										
YEARLY MEANS										

TIME - 0300 G.M.T. (No. of years - 19)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	0.4	0.5	10.8	2.2	3.8	0.2	1.6	0.3	11.3	2.9
FEBRUARY	0.7	0.9	10.0	1.8	3.6	0.3	1.0	0.3	9.7	3.1
MARCH	0.7	0.7	10.5	1.9	3.4	0.3	1.4	0.1	12.1	2.6
APRIL	0.4	0.4	12.3	2.2	2.5	0.1	1.1	0.1	11.1	2.3
MAY	0.6	0.8	13.3	1.7	2.2	0.2	1.2	0.2	10.7	2.8
JUNE	0.2	0.5	11.1	1.1	0.8	0.1	0.9	0.1	15.2	1.4
JULY	0.4	0.4	9.9	0.8	0.6	0.3	1.7	0.2	16.7	1.3
AUGUST	0.6	1.1	11.5	1.3	0.4	0.0	0.9	0.1	15.1	1.6
SEPTEMBER	0.8	1.1	11.2	1.5	1.1	0.1	1.6	0.5	12.2	1.8
OCTOBER	0.7	1.4	14.2	1.6	1.1	0.0	1.4	0.5	10.3	1.9
NOVEMBER	0.3	0.8	11.7	2.1	2.3	0.1	1.6	0.4	10.7	2.3
DECEMBER	0.7	0.7	11.8	1.7	2.6	0.2	0.6	0.2	12.4	2.2
YEARLY MEANS	0.5	0.8	11.5	1.7	2.0	0.2	1.3	0.3	12.3	2.2

TIME - 0600 G.M.T. (No. of years - 19)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	0.7	0.9	8.6	2.7	3.7	0.5	0.9	0.2	12.7	2.8
FEBRUARY	0.7	0.8	10.2	2.9	4.0	0.7	1.3	0.2	7.6	3.4
MARCH	1.4	1.0	9.8	2.4	3.9	0.7	1.7	0.4	9.7	3.1
APRIL	2.1	1.5	8.1	2.0	3.4	0.6	1.7	1.2	9.5	3.6
MAY	2.0	1.8	6.9	1.6	2.9	0.3	3.2	2.1	10.3	2.8
JUNE	3.6	1.8	5.7	0.6	1.1	0.3	3.9	1.2	12.0	2.2
JULY	1.6	1.7	6.4	0.6	0.7	0.5	4.0	2.1	13.2	2.2
AUGUST	1.9	1.3	6.7	1.0	0.4	0.4	3.1	1.8	14.4	2.1
SEPTEMBER	0.9	2.3	7.1	0.9	0.5	0.4	3.5	1.7	13.1	2.2
OCTOBER	0.8	0.8	10.0	1.7	1.7	0.4	1.6	0.5	13.4	2.0
NOVEMBER	0.8	1.3	10.4	2.7	2.2	0.2	1.3	0.3	10.9	2.5
DECEMBER	0.8	0.8	10.4	2.0	3.5	0.2	0.7	0.1	12.5	2.3
YEARLY MEANS	1.4	1.3	8.4	1.8	2.3	0.4	2.1	1.0	11.6	2.6

TIME - 0900 G.M.T.

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.

WIND - FREQUENCY FROM SPECIFIED DIRECTIONS (AVERAGE) SURFACE معدل الريح السطحي

TIME - 1200 G.M.T. (No. of years - 19)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	2.5	0.6	2.7	1.4	5.8	1.8	8.3	2.5	5.5	4.3
FEBRUARY	2.6	0.3	1.4	1.6	7.8	2.5	6.9	2.1	3.1	5.6
MARCH	2.7	0.6	1.4	1.5	6.5	2.2	9.7	2.6	3.7	5.4
APRIL	3.5	0.4	2.4	1.3	4.2	2.2	10.2	2.9	2.9	5.6
MAY	3.0	0.2	2.1	1.0	2.8	1.9	13.4	4.6	2.0	5.3
JUNE	3.2	0.3	0.6	0.4	1.5	0.7	15.9	5.5	1.9	4.9
JULY	2.7	0.2	0.8	0.2	1.7	1.4	17.3	5.1	1.6	5.5
AUGUST	2.5	0.4	0.8	0.2	1.2	1.1	16.4	6.7	1.6	5.0
SEPTEMBER	3.0	0.5	0.8	0.5	1.0	1.0	15.1	6.8	1.5	4.8
OCTOBER	2.6	0.3	1.2	0.8	2.9	1.4	14.6	4.6	2.6	4.5
NOVEMBER	2.6	0.7	2.6	0.8	3.7	1.4	9.0	3.6	5.6	4.1
DECEMBER	2.5	0.3	2.3	1.4	5.2	1.5	9.6	2.4	5.9	3.7
YEARLY MEANS	2.8	0.4	1.6	0.9	3.7	1.6	12.2	4.1	3.2	4.9

TIME - 1500 G.M.T. (No. of years - 6)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	1.3	0.0	2.8	0.5	3.8	0.2	4.5	1.7	16.2	2.7
FEBRUARY	2.0	0.2	1.5	0.3	7.0	1.0	5.0	0.8	10.5	5.5
MARCH	2.0	0.5	1.3	0.0	6.2	0.3	8.5	0.8	11.3	4.7
APRIL	1.7	0.8	2.7	0.8	5.5	0.7	8.5	1.3	8.0	5.7
MAY	2.0	0.2	1.4	0.2	3.0	0.2	15.2	3.2	5.6	6.0
JUNE	4.0	0.0	1.2	0.0	0.8	0.3	11.2	5.3	7.2	4.7
JULY	2.7	0.0	1.5	0.0	1.3	1.2	14.5	5.3	4.5	5.8
AUGUST	4.3	0.0	1.7	0.0	3.0	0.5	14.2	3.2	4.2	5.5
SEPTEMBER	2.5	0.0	1.0	0.0	0.7	0.5	11.7	5.0	8.7	3.8
OCTOBER	2.4	0.1	1.6	0.3	3.0	0.1	8.7	1.1	12.7	3.4
NOVEMBER	2.4	0.1	2.7	0.7	1.7	0.4	5.7	1.4	4.7	3.0
DECEMBER	1.7	0.0	2.9	0.7	3.9	0.0	3.9	0.9	17.1	2.6
YEARLY MEANS	2.4	0.2	1.9	0.3	3.3	0.5	9.3	2.5	9.2	4.5

TIME - 1800 G.M.T. (No. of years - 9)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	0.6	0.1	5.8	1.2	3.7	0.4	2.1	0.0	17.1	2.4
FEBRUARY	1.1	0.0	4.7	1.1	4.4	0.7	1.9	0.3	14.1	3.3
MARCH	1.4	0.0	3.6	1.1	5.0	0.4	3.0	0.6	15.9	2.9
APRIL	1.4	0.6	4.8	0.4	3.8	0.8	4.6	0.4	13.2	2.7
MAY	2.6	0.3	2.1	0.3	2.9	0.9	5.1	0.3	16.6	1.9
JUNE	1.6	0.0	0.9	0.1	1.7	0.3	5.9	2.2	17.3	1.9
JULY	1.7	0.1	0.9	0.0	2.2	0.8	8.1	1.0	16.2	2.0
AUGUST	3.1	0.2	1.2	0.0	1.0	0.4	5.8	1.3	17.9	1.9
SEPTEMBER	1.6	0.1	1.6	0.1	1.6	0.1	3.7	0.8	20.6	1.4
OCTOBER	1.1	0.0	4.0	0.6	1.4	0.1	1.8	0.3	21.7	1.9
NOVEMBER	1.0	0.0	5.3	0.4	3.0	0.4	1.5	0.2	18.1	2.1
DECEMBER	1.0	0.1	5.2	0.6	3.9	0.3	1.8	0.0	18.1	1.9
YEARLY MEANS	1.5	0.1	3.3	0.5	2.9	0.5	3.8	0.6	17.2	2.2

TIME - 2100 G.M.T.

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.

BAGHDAD AIR PORT (1937-1956) (20) بغداد

AVERAGE TEMPERATURES AND THEIR RECORDS (IN CENTIGRADE) معدل درجات الحرارة (سنتغراد)

MONTH	TIME - G.M.T. 0000	0300	0600	0900	1200	1500	1800	2100	MEAN	MEAN MAX.	MEAN MIN.	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
MONTH	6.6	6.1	7.6	14.2	15.1	12.9	9.3	8.2	10.0	15.7	4.1	25.0	21	1948	-7.8	5	1942
FEBRUARY	8.3	7.4	10.2	17.0	17.6	16.5	11.8	11.2	12.5	18.4	7.4	30.0	26	1941	-5.0	9	1950
MARCH	11.7	10.2	14.4	20.5	20.9	20.2	16.0	13.7	16.0	21.9	8.9	32.2	31	1952	-2.8	5	1952
APRIL	17.1	15.6	22.0	26.5	27.9	26.3	20.5	19.5	21.9	28.8	14.3	40.0	28	1944	1.2	1	1956
MAY	22.6	21.0	28.3	33.3	35.0	33.4	27.2	24.6	28.2	35.8	19.6	44.4	31	1949	10.5	1	1948
JUNE	26.7	24.5	32.6	38.6	40.2	37.9	31.7	29.1	32.7	40.8	22.9	48.3	18	1949	14.4	4	1943
JULY	28.9	26.6	34.0	41.2	42.9	41.9	33.5	31.1	35.0	43.4	25.0	49.5	21	1943	16.6	8	1946
AUGUST	28.4	26.3	33.6	40.9	42.7	40.9	32.7	31.1	34.6	43.3	24.6	49.1	3	1956	17.8	27	1937
SEPTEMBER	24.7	22.6	29.7	37.7	39.2	36.4	28.4	27.1	30.7	39.8	20.9	46.6	2&6	1945	10.5	30	1938
OCTOBER	19.3	17.5	23.9	31.3	32.4	28.4	23.1	21.0	24.6	33.4	16.2	41.6	2	1947	3.9	29	1946
NOVEMBER	13.0	11.8	16.0	22.5	23.6	19.3	16.0	13.7	17.0	24.6	10.5	34.4	1	1944	-3.0	30	1953
DECEMBER	8.6	6.9	9.0	13.0	16.6	13.0	10.9	9.1	10.9	17.4	5.3	26.6	3	1956	-6.7	5	1941
YEAR	18.0	16.4	21.8	28.1	29.5	27.3	21.8	20.0	22.8	30.3	15.2	49.5	21/7	1943	-7.8	5/1	1942

AVERAGE PRESSURE AND ITS RECORDS (IN MILLIBARS) AT M.S.L. معدل الضغط الجوي على سطح البحر

MONTH	0000	0300	0600	0900	1200	1500	1800	2100	Mean	Highest Pressure	date	Time G MT	LOWEST Pressure	date	Time GMT.
JANUARY	1019.3	1018.9	1020.1	1019.9	1018.2	1018.8	1019.6	1019.5	1019.3	1036.0	7/42	0600	1000.4	28/40	0300
FEBRUARY	1017.0	1017.1	1018.2	1017.8	1016.3	1016.4	1017.3	1016.6	1017.1	1033.7	8/50	0600	998.4	28/56	1800
MARCH	1014.6	1014.8	1015.9	1015.2	1014.0	1013.3	1014.9	1014.6	1014.7	1027.9	8/43	0600	996.1	22/41	1200
APRIL	1011.8	1012.2	1013.1	1012.2	1011.3	1010.4	1011.9	1011.4	1011.8	1026.6	26/56	0900	996.3	29/56	1500
MAY	1008.6	1008.6	1009.5	1007.8	1007.3	1007.3	1008.2	1008.6	1008.5	1019.4	5/40	0600	998.5	27/56	2100
JUNE	1002.8	1003.3	1003.9	1003.7	1002.5	1001.5	1002.5	1002.8	1002.9	1013.1	4/37	0600	994.0	29/38	1200
JULY	998.4	998.8	999.4	999.5	997.9	997.2	998.3	998.5	998.5	1007.0	2/44	0600	990.0	19/48	0600
AUGUST	1001.0	1000.4	1001.3	1001.0	999.8	998.8	1001.7	1001.0	1000.6	1007.3	28/51	0600	992.7	3/54	1500
SEPTEMBER	1006.1	1006.5	1007.3	1006.8	1005.7	1005.2	1006.4	1006.0	1006.3	1017.5	30/38	0600	996.5	1/55	1500
OCTOBER	1013.1	1013.3	1014.4	1013.5	1012.5	1012.0	1013.2	1012.8	1013.1	1023.4	29/47	0300	1004.0	1/54	0000
NOVEMBER	1017.4	1017.2	1018.4	1018.5	1016.5	1017.1	1017.6	1017.9	1017.8	1027.4	12/56	0600	1006.1	7/38	1200
DECEMBER	1020.0	1019.9	1021.1	1020.7	1019.0	1019.8	1020.0	1020.5	1020.1	1032.2	13/56	0600	1006.2	30/45	1200
YEAR	1010.8	1010.9	1011.9	1011.5	1010.1	1010.0	1010.9	1010.8	1010.8	1036.0	7/1/42	0600	990.0	19/7/48	0600

AVERAGE RELATIVE HUMIDITY IN (%) معدل الرطوبة النسبية										AVERAGE VAPOUR PRESSURE (Mbs.) معدل ضغط البخار								
MONTH	0000	0300	0600	0900	1200	1500	1800	2100	Mean	0000	0300	0600	0900	1200	1500	1800	2100	Mean
JANUARY	83	85	79	59	52	63	74	79	72	8.2	8.0	9.0	9.5	9.4	9.4	8.7	8.8	8.8
FEBRUARY	73	78	70	49	42	50	63	71	62	8.3	8.0	9.0	9.8	8.3	9.0	8.9	9.2	8.8
MARCH	70	73	60	41	36	39	57	61	55	9.5	9.1	10.0	9.5	9.0	9.1	10.0	9.6	9.5
APRIL	57	64	49	34	29	34	47	54	46	11.3	11.3	12.4	11.4	10.1	11.2	11.0	12.0	11.5
MAY	43	47	33	20	18	19	34	36	31	11.6	11.3	13.0	9.8	10.0	9.7	12.0	11.1	11.1
JUNE	29	34	25	15	13	14	25	27	23	10.1	10.2	12.3	9.9	9.3	9.4	11.5	10.2	10.4
JULY	27	32	26	16	12	15	25	28	23	10.5	11.0	14.0	11.4	10.5	12.0	12.8	11.5	11.7
AUGUST	29	33	27	17	13	18	26	28	24	11.1	11.0	14.0	12.7	11.0	12.9	13.1	12.2	12.3
SEPTEMBER	34	38	30	24	15	22	31	34	29	10.6	10.2	12.0	11.4	10.4	13.1	12.5	11.5	11.5
OCTOBER	41	48	38	23	22	32	39	42	36	9.3	10.0	11.1	10.3	10.4	12.2	10.8	10.2	10.5
NOVEMBER	64	71	60	42	39	51	58	65	56	9.4	10.0	11.0	10.9	11.0	11.4	10.4	9.9	10.5
DECEMBER	82	85	79	60	53	67	75	80	73	8.6	9.0	9.0	9.7	10.0	9.9	9.4	8.8	9.3
YEAR MEANS	53	57	48	33	29	35	46	50	44	9.9	9.9	11.4	11.4	9.9	10.8	11.0	10.4	10.5

AVERAGE LOW CLOUD (OKTAS) معدل كميات الغيوم الواطئة بالاثمان										AVERAGE TOTAL CLOUD (OKTAS بالاثمان) معدل كميات الغيوم								
MONTH	0000	0300	0600	0900	1200	1500	1800	2100	Mean	0000	0300	0600	0900	1200	1500	1800	2100	Mean
JANUARY	1.0	1.6	1.7	1.2	2.0	1.3	1.3	0.5	1.3	2.6	2.9	3.8	3.5	4.2	4.1	2.6	2.7	3.3
FEBRUARY	0.8	1.1	1.3	1.8	2.2	1.5	0.8	0.9	1.3	2.7	3.1	3.6	3.1	4.3	3.7	2.5	2.8	3.2
MARCH	0.8	1.4	1.4	1.3	2.3	1.3	0.6	0.8	1.2	2.9	3.7	4.1	4.0	4.7	4.3	2.8	2.7	3.7
APRIL	0.9	1.1	1.0	1.2	1.7	1.5	0.9	0.9	1.2	2.6	3.4	3.4	3.7	4.3	3.8	2.9	2.7	3.4
MAY	0.2	0.6	0.6	0.4	0.9	0.5	0.3	0.2	0.5	1.4	2.8	2.8	2.6	3.3	2.9	1.8	1.5	2.4
JUNE	0.0	0.0	0.0	0.1	0.2	0.2	0.0	0.0	0.1	0.1	0.3	0.2	0.3	0.4	0.2	0.2	0.1	0.2
JULY	0.0	0.1	0.2	0.2	0.3	0.0	0.0	0.0	0.1	0.1	0.6	0.6	0.5	0.7	0.2	0.2	0.1	0.4
AUGUST	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.6	0.4	0.3	0.3	0.4	0.3	0.3	0.2	0.4
SEPTEMBER	0.1	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.1	0.2	0.5	0.5	0.4	0.5	0.6	0.3	0.2	0.4
OCTOBER	0.2	0.5	0.6	0.2	0.6	0.4	0.2	0.2	0.4	0.8	1.8	2.2	1.6	2.4	2.2	1.1	0.9	1.6
NOVEMBER	0.5	1.2	1.3	0.9	1.5	0.7	0.5	0.4	0.9	2.0	2.8	3.6	3.4	4.0	3.2	2.0	2.2	2.9
DECEMBER	1.0	1.4	1.8	1.6	1.8	1.4	1.0	1.1	1.4	2.7	3.3	4.2	4.3	4.3	3.8	2.9	2.7	3.5
YEARLY MEANS	0.5	0.8	0.8	0.8	1.1	0.8	0.5	0.4	0.7	1.6	2.1	2.4	2.3	2.8	2.4	1.6	1.6	2.1

R A I N F A L L (I N M I L L I M E T E R S) سقوط الامطار (ملليمترات)

MONTH	AVERAGE RAINFALL	MAXIMUM RAINFALL IN 24 HOURS	DAY	YEAR	AVERAGE NUMBER OF DAYS OF RAINFALL >= 1 MM.	>= 10 MMS.
JANUARY	23.4	35.3	27	1940	3.6	0.6
FEBRUARY	29.0	33.2	22	1938	3.8	0.8
MARCH	28.8	55.6	16	1938	3.7	0.7
APRIL	13.6	25.0	16	1956	2.3	0.4
MAY	3.3	14.4	12	1950	0.7	0.1
JUNE	0.1	2.5	2	1955	0.1	0.0
JULY	0.0	Trace	9	1950	0.0	0.0
AUGUST	0.0	Trace	7	1942	0.0	0.0
SEPTEMBER	0.1	0.6	30	1951	0.0	0.0
OCTOBER	3.1	15.8	30	1937	0.6	0.1
NOVEMBER	19.0	36.4	30	1950	2.7	0.5
DECEMBER	28.0	40.0	5	1954	4.6	0.8
YEAR	12.4	55.6	16/3	1938	1.8	0.3

NOTE:

Trace is less than 0.05 mm.

A V E R A G E N U M B E R O F D A Y S O F P H E N O M E N A S : معدل الايام التي حدثت فيها الظواهر الجوية :

MONTH	RAIN	SNOW	HAIL	THUNDER	FOG	DUSTSTORM	STATE OF SKY CLEAR	CLOUDY
JANUARY	5.3	0.2	0.0	0.5	5.6	1.1	12.1	3.8
FEBRUARY	5.4	0.2	0.2	0.9	2.0	2.4	10.8	4.0
MARCH	5.8	0.0	0.1	1.5	0.6	2.5	9.3	4.8
APRIL	4.1	0.0	0.3	2.3	0.3	2.0	11.1	3.1
MAY	1.3	0.0	0.1	1.3	0.0	2.0	12.6	2.6
JUNE	0.1	0.0	0.0	0.1	0.0	1.5	28.9	0.0
JULY	0.0	0.0	0.0	0.0	0.0	3.3	29.2	0.1
AUGUST	0.0	0.0	0.0	0.0	0.0	1.4	29.6	0.1
SEPTEMBER	0.2	0.0	0.0	0.1	0.0	0.7	27.7	0.1
OCTOBER	0.9	0.0	0.0	0.7	0.1	1.7	19.4	1.8
NOVEMBER	4.3	0.0	0.0	1.2	2.1	1.0	12.2	3.1
DECEMBER	6.0	0.1	0.0	0.8	5.7	0.9	11.1	4.9
YEARLY MEANS	2.8	0.0	0.1	0.8	1.4	1.7	17.8	2.4

BAGHDAD AIR PORT

مسدل الريح السطحي

WIND - FREQUENCY FROM SPECIFIED DIRECTIONS (AVERAGE) SURFACE

TIME - 0000 G.M.T. (No. of years - 12)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	4.1	0.7	3.2	4.3	2.7	1.5	1.6	8.4	4.7	4.9
FEBRUARY	2.3	1.4	2.7	5.9	3.5	1.2	2.4	5.8	3.1	6.0
MARCH	3.8	3.8	3.4	5.4	2.6	1.9	2.6	5.9	2.0	5.9
APRIL	4.1	3.3	4.3	4.3	1.7	1.1	2.1	4.6	4.7	6.0
MAY	5.7	4.8	3.3	1.7	1.4	1.3	1.8	7.2	4.0	6.3
JUNE	10.0	3.3	1.3	0.4	0.0	0.3	1.7	9.9	3.3	7.0
JULY	6.4	2.3	0.3	0.1	0.4	0.6	2.6	14.7	3.6	6.9
AUGUST	7.3	4.0	0.8	0.3	0.4	0.2	2.1	12.8	3.2	6.1
SEPTEMBER	7.0	5.2	1.3	1.0	0.2	0.5	1.4	9.5	3.9	6.5
OCTOBER	6.9	5.6	2.7	1.8	1.2	0.4	0.6	7.3	4.6	5.8
NOVEMBER	5.1	2.8	2.8	3.6	1.6	0.5	1.2	7.1	5.3	4.5
DECEMBER	4.0	2.4	3.4	3.6	2.0	0.8	1.9	8.5	4.3	5.3
YEARLY MEANS	5.6	3.3	2.5	2.7	1.5	0.9	1.8	8.5	3.9	5.9

TIME - 0300 G.M.T. (No. of years - 20)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	2.9	0.9	3.3	4.6	2.5	1.2	2.4	9.3	3.9	4.7
FEBRUARY	2.5	1.8	3.7	4.9	2.7	0.9	2.8	6.6	2.4	5.5
MARCH	3.8	2.8	3.9	4.4	1.8	1.3	3.6	6.8	2.8	5.5
APRIL	4.4	3.0	4.6	3.5	1.9	0.6	2.4	6.6	3.0	5.3
MAY	5.6	3.8	2.7	1.9	1.4	1.0	2.5	9.3	3.1	5.3
JUNE	8.1	2.8	0.7	0.2	0.2	0.1	2.1	12.8	3.2	6.4
JULY	5.2	1.4	0.5	0.3	0.2	0.4	3.5	17.0	2.7	7.3
AUGUST	7.7	2.5	0.8	0.2	0.4	0.2	2.6	13.5	3.4	6.3
SEPTEMBER	7.0	2.8	1.4	0.5	0.3	0.1	1.8	11.4	4.8	5.3
OCTOBER	5.8	3.8	3.0	1.8	1.0	0.2	1.7	8.6	5.3	4.9
NOVEMBER	3.7	1.7	4.0	2.9	1.5	0.2	2.0	8.2	5.8	3.7
DECEMBER	4.3	1.3	2.9	4.1	1.8	0.8	2.1	8.9	4.9	4.0
YEARLY MEANS	5.1	2.4	2.6	2.4	1.3	0.6	2.5	9.9	3.8	5.4

TIME - 0600 G.M.T. (No. of years - 20)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	2.0	0.7	2.3	4.3	3.3	1.0	3.5	10.7	2.7	5.6
FEBRUARY	2.4	1.1	2.3	4.7	3.4	1.2	3.1	7.7	2.4	6.7
MARCH	4.9	1.4	2.6	3.9	3.4	1.2	3.6	8.3	1.7	6.9
APRIL	5.3	2.7	3.8	3.5	3.1	0.6	2.8	7.0	1.3	7.5
MAY	7.7	2.5	2.6	1.4	1.7	1.5	3.0	10.0	0.9	7.8
JUNE	9.8	1.4	0.7	0.1	0.4	0.2	3.1	13.5	0.9	9.5
JULY	6.9	0.7	0.4	0.1	0.3	0.2	2.1	19.6	0.8	10.7
AUGUST	8.2	1.2	0.7	0.2	0.4	0.2	2.5	17.0	0.9	9.6
SEPTEMBER	8.4	1.5	1.0	0.5	0.6	0.3	2.5	13.2	2.0	7.5
OCTOBER	6.2	3.2	3.0	2.0	1.1	0.8	2.6	9.0	3.4	5.9
NOVEMBER	3.5	2.2	2.7	2.9	1.7	0.7	2.2	10.1	4.3	4.7
DECEMBER	3.7	0.8	2.6	4.1	2.2	0.8	2.6	10.3	4.2	5.0
YEARLY MEANS	5.8	1.6	2.1	2.3	1.8	0.7	2.8	11.4	2.1	7.3

TIME - 0900 G.M.T. (No. of years - 7)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	4.9	1.0	3.4	2.9	2.1	2.0	3.1	11.1	0.4	8.9
FEBRUARY	3.4	1.1	1.7	5.0	4.3	2.1	3.1	6.9	0.7	9.4
MARCH	4.3	0.9	1.7	4.0	3.4	3.0	4.1	9.4	0.1	10.6
APRIL	6.0	1.4	2.3	3.3	4.4	2.3	3.6	6.7	0.0	9.4
MAY	9.2	1.3	1.5	0.7	2.0	1.0	3.3	11.8	0.2	10.2
JUNE	13.8	1.5	0.5	0.2	1.0	0.3	2.0	10.2	0.3	10.5
JULY	9.2	0.3	0.0	0.2	0.5	0.7	2.5	17.3	0.3	12.0
AUGUST	10.8	0.3	0.3	1.0	1.5	0.5	3.3	12.5	0.7	10.2
SEPTEMBER	9.6	1.6	0.4	0.4	1.7	0.6	2.9	12.3	0.6	9.1
OCTOBER	9.4	0.7	1.4	1.4	3.1	0.9	3.3	9.9	0.9	8.3
NOVEMBER	6.1	1.4	1.7	3.4	3.4	0.4	3.6	9.7	0.1	8.3
DECEMBER	4.4	1.3	2.4	3.3	2.5	0.9	4.4	11.3	0.5	7.5
YEARLY MEANS	7.6	1.1	1.4	2.2	2.5	1.2	3.3	10.8	0.4	9.5

WIND - FREQUENCY FROM SPECIFIED DIRECTIONS (AVERAGE) SURFACE

معدل الريح السطحي

	TIME - 1200 G.M.T. (No. of years-20)										TIME - 1500 G.M.T. (No. of years - 7)									
MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	6.1	1.2	1.9	3.6	3.5	2.4	2.7	8.7	1.1	8.3	4.6	1.4	2.6	3.9	1.9	0.9	2.0	11.0	2.9	5.7
FEBRUARY	4.9	1.2	1.6	3.9	3.2	2.4	3.2	7.2	0.8	9.6	5.6	2.1	3.0	4.7	2.7	1.0	1.9	6.9	0.6	6.9
MARCH	6.5	1.8	2.2	3.6	2.6	1.7	4.9	7.5	0.2	9.0	6.6	2.4	1.7	4.0	2.1	1.1	4.3	6.6	2.1	8.0
APRIL	7.1	2.2	1.7	3.8	3.0	1.4	3.9	6.5	0.5	8.8	7.4	3.0	3.4	4.0	1.7	1.3	2.6	5.7	0.9	7.7
MAY	6.8	2.0	1.2	1.6	2.3	1.4	5.3	10.1	0.6	8.9	7.3	1.3	2.2	0.5	2.0	0.5	4.8	11.0	1.3	8.3
JUNE	7.0	1.1	0.7	0.6	0.7	0.8	5.1	13.9	0.3	11.5	5.8	0.5	0.0	0.0	0.8	0.5	6.0	13.2	3.2	9.3
JULY	5.2	0.6	0.1	0.4	1.2	0.6	7.4	15.0	0.7	11.6	4.8	0.2	0.2	0.2	0.7	0.7	10.0	11.7	2.7	9.0
AUGUST	7.4	0.7	0.1	0.4	0.8	0.7	5.8	14.6	0.7	10.8	5.6	0.5	0.2	1.0	0.3	0.8	4.8	13.2	4.7	7.3
SEPTEMBER	9.6	1.5	0.2	0.4	1.1	0.7	3.7	11.6	1.5	9.0	7.0	1.3	0.1	0.6	0.4	0.6	4.9	8.1	7.0	4.9
OCTOBER	9.2	1.8	0.9	2.1	2.7	0.8	2.8	8.9	2.0	8.0	7.4	0.6	1.4	1.7	1.3	0.4	2.4	5.0	10.7	3.9
NOVEMBER	7.9	1.5	2.5	3.1	2.5	0.9	1.6	8.4	1.8	6.4	5.9	0.7	3.1	2.3	2.0	0.7	1.4	6.6	7.3	4.3
DECEMBER	6.8	1.1	3.1	4.0	2.0	1.5	2.1	9.4	1.2	6.8	3.4	1.6	3.3	3.4	1.4	0.6	2.6	9.1	5.6	5.0
YEARLY MEANS	7.0	1.4	1.4	2.3	2.1	1.3	4.0	10.2	1.0	9.1	6.0	1.3	1.9	2.2	1.4	0.8	4.0	9.0	4.1	6.7

	TIME - 1800 G.M.T. (No. of years - 13)										TIME - 2100 G.M.T. (No. of years - 6)									
MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	4.1	1.9	2.4	5.5	2.2	1.2	2.0	6.8	5.0	4.8	3.7	1.2	5.0	3.7	2.0	0.7	2.7	8.2	4.0	5.8
FEBRUARY	3.8	2.1	2.9	6.5	2.8	0.9	1.9	4.7	2.6	5.7	2.5	1.8	4.0	5.7	3.7	0.3	2.5	5.5	2.3	7.0
MARCH	3.8	2.5	3.2	6.2	2.5	1.0	1.8	5.4	4.7	5.7	4.5	3.3	3.8	4.2	3.0	1.3	2.2	5.8	2.8	7.2
APRIL	3.8	3.3	5.4	3.8	1.8	1.1	2.6	3.9	4.4	5.6	4.0	3.2	4.0	5.5	2.0	1.2	2.7	4.7	2.8	7.3
MAY	4.8	3.2	2.4	2.2	1.1	1.2	1.9	8.8	5.6	5.5	7.5	1.5	2.2	1.5	1.0	0.7	1.8	10.0	4.8	6.5
JUNE	5.2	1.0	0.5	0.5	0.5	0.5	3.2	12.5	6.1	5.4	8.3	0.8	0.8	0.2	0.3	0.2	1.0	12.5	5.8	6.2
JULY	2.3	0.3	0.1	0.6	0.7	1.1	6.8	13.1	6.1	5.1	3.7	0.5	0.0	0.2	0.3	0.0	4.7	15.2	6.5	6.0
AUGUST	4.2	0.3	0.4	0.3	0.6	0.5	4.9	13.3	6.5	5.0	5.8	1.2	0.7	0.7	0.7	0.2	2.8	12.3	6.7	5.5
SEPTEMBER	4.9	1.5	0.9	0.7	0.5	0.9	2.5	10.4	7.5	4.4	6.8	1.7	1.0	0.2	0.7	0.2	1.5	7.3	8.7	5.2
OCTOBER	5.8	2.6	1.5	3.0	1.3	0.7	1.4	8.0	7.0	4.8	7.0	1.1	1.9	2.6	0.7	0.0	1.4	8.3	8.0	4.7
NOVEMBER	4.6	1.3	2.4	4.1	1.7	0.5	1.3	7.2	6.9	4.6	4.7	1.3	3.3	2.7	1.7	0.7	1.9	6.6	7.1	4.6
DECEMBER	4.5	2.0	2.8	4.2	1.8	0.7	2.2	7.5	5.3	4.6	3.4	1.4	3.1	3.6	2.7	0.9	3.9	7.3	4.7	5.0
YEARLY MEANS	4.3	1.8	2.1	3.1	1.5	0.9	2.7	8.5	5.6	5.1	5.2	1.6	2.5	2.6	1.6	0.5	2.4	8.6	5.4	5.9

AVERAGE TEMPERATURES & THEIR RECORDS IN (CENTIGRADE)

MONTH	TIME - G.M.T. 0000	0300	0600	0900	1200	1500	1800	2100	MEAN	MEAN MAX.	MEAN MIN.	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
JANUARY	6.4	5.4	7.1	12.7	14.6	12.4	9.5	7.8	9.5	15.7	4.1	26.1	28	1941	- 8.9	5,6&7	1942
FEBRUARY	8.3	7.2	9.8	15.4	17.9	15.4	11.9	9.8	12.0	18.7	5.9	30.6	24-26	1941	- 5.0	8&9	1950
MARCH	11.2	10.0	14.2	19.7	22.0	19.3	15.3	13.1	15.6	22.6	9.1	36.1	23	1937	- 2.8	1	1938
APRIL	16.8	15.2	21.5	32.4	28.9	26.9	21.4	18.5	22.7	29.7	14.8	41.1	30	1944	2.2	1&2	1956
MAY	22.3	21.0	28.3	34.0	35.7	33.9	27.9	24.4	28.4	36.4	19.9	46.7	7	1942	8.3	4	1940
JUNE	25.5	24.3	32.2	38.8	40.7	39.3	32.2	28.3	32.7	41.3	23.1	48.9	24	1942	15.6	3	1943
JULY	28.1	26.6	33.8	40.9	43.2	41.8	34.6	30.8	35.0	44.2	25.7	50.6	3	1948	21.1	2	1948
AUGUST	27.5	25.6	32.8	40.8	43.2	41.0	33.6	30.5	34.4	43.8	24.8	50.0	1&8	1938	19.4	28&29	1941
SEPTEMBER	23.7	22.3	28.5	37.2	39.5	35.9	29.5	26.1	30.3	40.2	21.4	48.4	2	1945	11.1	30	1938
OCTOBER	18.8	17.2	23.0	30.7	32.9	28.3	23.7	20.8	24.4	33.5	16.2	42.2	2	1953	5.6	29	1946
NOVEMBER	12.8	11.6	15.0	22.0	23.4	19.9	16.3	14.2	16.9	24.6	10.1	35.0	1	1944	- 3.3	30	1955
DECEMBER	7.8	6.7	8.8	14.5	16.3	13.4	10.7	9.0	10.9	17.1	5.4	26.1	1&2	1943	- 6.7	5	1941
YEAR	17.4	16.1	21.3	28.3	29.9	27.3	22.2	19.4	22.7	30.7	15.0	50.6	3/7	1948	- 8.9	5-7/1	1942

AVERAGE PRESSURE IN (MILLIBARS) AT M.S.L. معدل ضغط الجوى على سطح البحر (ملليبارات)

MONTH	0000	0300	0600	0900	1200	1500	1800	2100	MEAN
JANUARY	1019.4	1019.0	1020.3	1019.7	1018.2	1018.7	1019.2	1019.2	1019.2
FEBRUARY	1016.7	1016.6	1018.2	1017.0	1016.0	1015.3	1016.6	1016.2	1016.6
MARCH	1014.1	1014.4	1016.0	1015.4	1013.7	1013.6	1014.3	1014.9	1014.6
APRIL	1011.1	1012.1	1013.3	1011.8	1011.0	1009.6	1010.9	1011.0	1011.4
MAY	1008.2	1008.9	1009.7	1009.6	1007.6	1007.3	1008.2	1008.7	1008.5
JUNE	1002.9	1003.8	1004.5	1004.0	1002.7	1001.9	1002.6	1003.1	1003.2
JULY	998.5	999.3	1000.0	999.5	998.2	997.6	997.9	998.7	998.7
AUGUST	1000.1	1000.9	1001.8	1001.3	1000.6	999.2	1001.4	1000.9	1000.8
SEPTEMBER	1005.9	1006.9	1007.8	1006.9	1005.9	1004.5	1006.0	1005.5	1006.2
OCTOBER	1013.1	1013.5	1014.9	1014.1	1012.6	1012.4	1013.2	1013.4	1013.4
NOVEMBER	1017.5	1017.8	1018.6	1018.5	1016.5	1017.2	1017.5	1018.2	1017.7
DECEMBER	1020.1	1020.1	1021.0	1020.6	1019.0	1019.7	1020.2	1020.3	1020.1
YEARLY MEANS	1010.6	1010.6	1012.2	1011.5	1010.2	1009.8	1010.4	1010.8	1010.9

HABBANIYA — حبانية

AVERAGE RELATIVE HUMIDITY IN (%) — معدل الرطوبة النسبية									
MONTH	0000	0300	0600	0900	1200	1500	1800	2100	MEAN
JANUARY	83	85	79	61	51	63	73	77	71
FEBRUARY	75	78	71	50	41	50	61	69	62
MARCH	69	72	60	41	33	42	56	63	55
APRIL	60	65	47	31	26	32	46	53	45
MAY	46	48	34	21	19	21	33	38	33
JUNE	35	37	26	16	13	15	25	30	25
JULY	31	35	28	16	13	15	23	28	24
AUGUST	32	36	29	17	13	16	25	28	25
SEPTEMBER	39	42	32	18	15	21	30	34	29
OCTOBER	47	50	40	24	22	31	38	43	37
NOVEMBER	69	73	63	43	37	51	61	66	58
DECEMBER	82	83	78	59	53	64	74	78	71
YEARLY MEANS	56	59	49	33	28	35	45	51	45

AVERAGE VAPOUR PRESSURE IN (Mbs.) — معدل ضغط البخار								
MONTH	0000	0300	0600	0900	1200	1500	1800	2100	MEAN
JANUARY	8.6	7.9	8.4	10.3	8.9	10.1	9.3	9.2	9.1
FEBRUARY	9.1	9.1	8.8	9.3	8.5	9.5	9.8	9.2	9.2
MARCH	9.8	9.0	9.8	8.5	8.5	8.5	10.0	8.6	9.1
APRIL	12.2	11.5	12.1	11.6	9.8	11.5	12.6	11.8	11.6
MAY	12.1	11.7	12.1	10.1	10.0	10.0	12.4	10.9	11.2
JUNE	12.2	11.1	12.2	10.8	9.7	10.4	12.6	11.1	11.3
JULY	12.6	12.0	14.2	11.8	11.0	11.0	13.7	11.6	12.2
AUGUST	13.0	12.1	14.1	14.4	11.4	14.4	14.8	13.9	13.5
SEPTEMBER	12.6	12.0	12.3	13.0	11.0	14.2	14.0	12.7	12.7
OCTOBER	10.1	10.4	11.1	10.0	10.3	12.0	11.5	10.1	10.7
NOVEMBER	10.2	10.2	11.3	10.1	11.4	10.6	10.7	9.6	10.5
DECEMBER	9.2	9.0	9.0	10.8	10.0	10.9	9.9	9.8	9.8
YEARLY MEANS	11.0	10.5	11.3	10.9	10.0	11.1	11.8	10.7	10.9

AVERAGE LOW CLOUD IN (OKTAS) — معدل كميات الغيوم الواطئة (بالثمان)									
MONTH	0000	0300	0600	0900	1200	1500	1800	2100	MEAN
JANUARY	0.5	1.4	1.5	0.6	1.7	0.9	0.5	0.7	1.0
FEBRUARY	0.6	1.2	1.2	0.8	1.9	1.2	0.8	0.7	1.1
MARCH	0.4	1.0	1.2	0.9	2.0	1.3	0.9	0.6	1.0
APRIL	0.6	1.8	0.8	0.8	1.5	0.9	0.7	0.6	1.0
MAY	0.1	1.2	0.4	0.3	0.7	0.2	0.2	0.1	0.4
JUNE	0.0	0.3	0.1	0.0	0.1	0.1	0.0	0.0	0.1
JULY	0.0	0.1	0.1	0.1	0.2	0.1	0.0	0.0	0.2
AUGUST	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1
SEPTEMBER	0.0	0.1	0.1	0.0	0.1	0.0	0.1	0.0	0.1
OCTOBER	0.2	0.5	0.4	0.0	0.5	0.0	0.3	0.0	0.2
NOVEMBER	0.4	1.0	1.3	0.4	1.2	0.2	1.8	0.2	0.8
DECEMBER	1.2	1.4	1.6	1.3	1.8	1.1	1.0	0.9	1.3
YEARLY MEANS	0.3	0.8	0.7	0.4	1.0	0.5	0.5	0.3	0.6

AVERAGE TOTAL CLOUD IN (OKTAS) — معدل كميات الغيوم بالاثمان								
MONTH	0000	0300	0600	0900	1200	1500	1800	2100	MEAN
JANUARY	2.0	2.9	3.7	3.1	3.8	3.4	2.5	2.9	3.0
FEBRUARY	2.9	2.8	3.5	3.2	4.0	3.7	3.0	3.3	3.3
MARCH	2.7	3.3	3.8	3.4	4.4	3.5	3.0	2.6	3.3
APRIL	2.4	3.2	3.3	3.2	4.0	3.6	2.7	2.7	3.1
MAY	1.4	2.4	2.7	1.7	3.4	2.3	1.9	1.6	2.2
JUNE	0.1	0.3	0.3	0.1	0.5	0.2	0.3	0.1	0.2
JULY	0.1	0.4	0.5	0.3	0.5	0.3	0.3	0.0	0.3
AUGUST	0.2	0.4	0.2	0.3	0.3	0.4	0.3	0.2	0.3
SEPTEMBER	0.3	0.4	0.4	0.2	0.5	0.2	0.3	0.1	0.3
OCTOBER	0.9	1.8	2.2	0.8	2.7	1.2	1.3	0.6	1.4
NOVEMBER	2.3	2.7	3.9	2.8	4.1	3.0	2.6	2.1	2.9
DECEMBER	3.1	3.2	4.2	3.6	4.3	3.4	3.0	3.0	3.5
YEARLY MEANS	1.5	2.0	2.4	1.9	2.7	2.1	1.8	1.6	2.0

HABBANIYA

حبانية

RAINFALL IN (MILLIMETERS)

سقوط الامطار (بالمليمترات)

MONTH	AVERAGE RAINFALL	MAXIMUM RAINFALL IN 24 HOURS	DAY	YEAR	AVERAGE NUMBER OF DAYS OF RAINFALL ≥ 1 MM.	≥ 10 MMS.
JANUARY	19.0	30.5	27	1940	3.2	0.5
FEBRUARY	18.4	30.4	15	1954	2.9	0.7
MARCH	23.8	35.4	23	1954	3.1	0.8
APRIL	13.0	30.0	7	1955	2.3	0.4
MAY	2.8	10.8	12	1950	0.9	0.1
JUNE	0.0	Trace	5	1953	0.0	0.0
JULY	0.0	Trace	3	1954	0.0	0.0
AUGUST	0.0	Trace	10	1956	0.0	0.0
SEPTEMBER	0.3	6.4	25	1951	0.1	0.0
OCTOBER	1.8	15.2	20	1942	0.6	0.1
NOVEMBER	17.0	24.7	23	1954	2.7	0.5
DECEMBER	22.1	28.2	13	1938	3.9	0.7
YEAR	9.9	35.4	23/3	1954	1.6	0.3

NOTE: TRACE IS LESS THAN 0.05 mm.

AVERAGE NUMBER OF DAYS OF PHENOMENAS :

معدل الايام التي حدثت فيها الظواهر الجوية :

MONTH	RAIN	SNOW	HAIL	THUNDER	FOG	DUSTSTORM	STATE OF SKY CLEAR	CLOUDY
JANUARY	5.3	0.2	0.1	0.8	2.0	1.6	12.1	3.8
FEBRUARY	5.0	0.1	0.1	0.8	0.9	2.1	10.6	3.3
MARCH	4.9	0.0	0.3	2.3	0.3	2.1	9.9	3.5
APRIL	3.4	0.0	0.2	2.8	0.2	2.5	11.0	3.8
MAY	1.5	0.0	0.1	1.8	0.0	2.0	13.8	1.4
JUNE	0.0	0.0	0.0	0.0	0.0	1.0	22.7	0.0
JULY	0.0	0.0	0.0	0.0	0.0	1.9	29.0	0.1
AUGUST	0.0	0.0	0.0	0.1	0.0	0.6	29.9	0.1
SEPTEMBER	0.2	0.0	0.0	0.2	0.0	0.5	28.0	0.1
OCTOBER	1.0	0.0	0.1	0.8	0.1	0.9	18.9	1.3
NOVEMBER	4.4	0.0	0.1	1.7	1.1	0.9	11.3	2.5
DECEMBER	5.3	0.0	0.1	1.6	3.0	0.4	10.1	4.9
YEARLY MEANS	2.6	0.0	0.1	1.1	0.6	1.4	17.3	2.1

HABBANIYA AIRCRAFT

WIND - FREQUENCY FROM SPECIFIED DIRECTIONS (AVERAGE) SURFACE

TIME - 0000 G.M.T. (No. of years 7)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	1.3	0.7	2.6	2.3	2.3	0.3	2.7	5.3	13.6	5.1
FEBRUARY	0.7	1.3	3.1	4.0	2.7	0.1	2.6	4.0	9.7	6.3
MARCH	2.6	1.3	2.7	2.6	2.3	0.9	2.1	5.6	11.0	5.3
APRIL	2.3	1.4	3.1	2.4	2.4	0.4	2.4	5.3	10.1	5.9
MAY	3.4	1.4	2.4	0.7	1.3	0.4	2.0	8.0	11.3	5.4
JUNE	4.9	0.1	0.0	0.3	0.3	0.1	1.1	10.6	12.6	4.3
JULY	1.9	0.1	0.0	0.0	0.1	0.4	1.9	17.0	9.6	7.1
AUGUST	3.9	0.6	0.3	0.6	0.4	0.3	2.6	12.9	9.6	4.9
SEPTEMBER	3.3	1.0	0.6	0.3	0.0	0.0	1.1	8.6	15.1	3.4
OCTOBER	2.4	1.0	1.7	0.6	0.4	0.6	2.1	5.7	16.4	3.0
NOVEMBER	2.2	1.0	2.2	1.8	0.7	0.5	3.0	4.7	14.0	3.6
DECEMBER	1.0	0.7	2.2	3.5	0.7	0.2	3.2	4.5	15.2	3.7
YEARLY MEANS	2.5	0.9	1.7	1.6	1.1	0.4	2.2	7.7	12.4	4.8

TIME - 0300 G.M.T. (No. of years 14)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	1.9	0.8	2.6	2.6	1.6	1.6	2.8	8.4	8.7	4.6
FEBRUARY	1.3	0.9	3.6	2.7	2.1	0.8	2.6	7.4	6.9	5.2
MARCH	2.1	1.0	2.6	2.5	1.5	1.6	4.7	7.6	7.4	5.4
APRIL	2.4	1.6	3.6	1.9	1.7	0.6	2.7	7.8	7.8	4.4
MAY	2.6	1.0	1.1	0.6	1.0	0.6	3.1	13.6	7.4	5.0
JUNE	1.9	0.2	0.3	0.1	0.1	0.3	1.9	19.3	5.9	6.1
JULY	2.6	0.2	0.2	0.1	0.0	0.1	4.1	19.7	4.2	6.7
AUGUST	2.6	0.3	0.3	0.1	0.1	0.3	2.3	18.9	6.1	4.9
SEPTEMBER	2.2	0.5	0.6	0.1	0.3	1.2	2.5	14.1	8.5	3.5
OCTOBER	2.6	1.5	1.7	1.0	0.5	0.8	2.8	9.5	10.6	3.4
NOVEMBER	2.5	1.2	2.5	1.1	0.5	0.8	2.8	8.8	9.8	3.1
DECEMBER	1.5	1.2	2.6	2.2	1.2	0.6	3.8	8.1	9.7	3.9
YEARLY MEANS	2.2	0.9	1.8	1.3	0.9	0.8	3.0	11.9	7.8	4.7

TIME - 0600 G.M.T. (No. of years 19)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	1.7	0.6	1.8	3.0	1.7	1.5	3.7	9.8	7.3	6.0
FEBRUARY	1.8	0.9	2.1	3.7	2.6	1.3	3.0	8.4	4.7	6.9
MARCH	2.3	1.2	1.8	2.8	2.2	1.5	4.1	10.1	5.2	7.0
APRIL	4.4	1.9	2.8	2.1	2.9	0.9	2.1	10.2	2.9	7.6
MAY	6.0	2.2	1.6	0.4	1.1	1.2	2.8	13.8	2.1	8.2
JUNE	6.9	0.8	0.3	0.0	0.3	0.2	1.3	18.5	1.7	9.8
JULY	4.4	0.3	0.1	0.1	0.2	0.1	1.2	23.8	1.0	11.3
AUGUST	4.9	0.7	0.3	0.1	0.1	0.1	1.2	22.6	1.2	9.2
SEPTEMBER	5.6	0.6	0.3	0.1	0.2	0.2	1.5	17.9	3.7	6.4
OCTOBER	4.9	2.2	1.8	0.6	1.1	0.7	1.5	12.2	5.9	5.2
NOVEMBER	2.9	2.7	2.1	1.7	1.2	0.7	2.6	10.1	5.9	4.3
DECEMBER	2.3	1.5	2.6	2.5	1.0	1.3	3.1	9.4	7.2	4.8
YEARLY MEANS	4.0	1.3	1.5	1.4	1.2	0.8	2.3	13.9	4.1	7.2

TIME - 0900 G.M.T. (No. of years 3)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	2.0	1.0	1.0	3.0	4.0	1.3	3.7	10.7	4.3	8.7
FEBRUARY	0.7	1.3	0.7	5.0	6.3	1.0	4.3	5.0	4.3	10.0
MARCH	1.3	0.7	0.7	3.0	3.7	2.0	6.3	11.0	2.3	10.0
APRIL	2.7	1.3	1.7	2.3	4.0	2.0	4.7	9.0	2.3	10.0
MAY	5.0	0.3	1.3	0.7	2.0	3.0	4.0	14.0	0.7	10.7
JUNE	8.7	1.0	0.7	0.0	0.0	0.0	2.0	17.0	0.7	12.3
JULY	5.3	1.0	0.0	0.0	0.0	1.0	2.3	21.0	0.3	14.0
AUGUST	8.7	0.3	0.3	0.3	0.0	1.0	1.7	13.3	5.3	10.7
SEPTEMBER	5.3	2.0	0.3	0.3	1.3	1.7	2.3	13.7	2.0	8.0
OCTOBER	7.3	1.7	0.7	1.0	2.0	1.0	2.7	13.7	1.0	6.7
NOVEMBER	4.7	1.7	0.3	2.7	3.3	1.0	2.3	9.7	4.3	7.3
DECEMBER	2.3	1.3	0.7	3.3	3.3	1.7	4.7	10.0	4.0	7.0
YEARLY MEANS	4.5	1.2	0.7	1.8	2.5	1.4	3.4	12.3	2.6	9.6

HABBANIYA - AIRPORT

WIND - FREQUENCY FROM SPECIFIED DIRECTIONS (AVERAGE) SURFACE

معدل الرياح السطحي

TIME - 1200 G.M.T. (No. of years 19)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	4.4	1.6	1.4	2.9	4.2	2.4	3.3	8.7	2.3	8.1
FEBRUARY	3.6	1.4	1.2	3.4	4.2	2.5	2.5	7.8	1.7	9.0
MARCH	4.4	1.6	2.0	2.2	3.7	2.7	4.0	9.6	0.9	9.3
APRIL	4.1	2.0	2.6	1.7	3.3	3.1	3.6	8.6	1.2	9.1
MAY	3.9	0.9	0.7	0.9	2.3	3.0	5.7	12.7	1.2	9.5
JUNE	4.3	0.4	0.2	0.1	1.2	1.5	3.6	18.0	1.0	10.9
JULY	3.0	0.9	0.3	0.0	1.0	1.4	4.1	19.7	0.7	11.2
AUGUST	2.6	0.5	0.4	0.1	0.8	1.4	4.2	20.5	0.7	10.2
SEPTEMBER	4.8	1.1	0.4	0.2	1.5	1.6	2.9	15.8	1.7	7.6
OCTOBER	6.0	2.2	1.7	1.3	3.2	1.9	2.5	10.6	1.7	7.4
NOVEMBER	5.2	2.4	2.2	1.9	2.9	1.9	2.3	8.3	2.9	5.9
DECEMBER	5.2	1.6	2.3	3.1	3.0	1.8	2.4	8.6	3.1	6.4
YEARLY MEANS	4.3	1.4	1.3	1.5	2.6	2.1	3.4	12.4	1.6	8.7

TIME - 1500 G.M.T. (No. of years 3)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	4.0	3.0	3.3	1.3	2.0	1.3	1.3	7.7	7.0	3.7
FEBRUARY	2.0	0.3	3.7	3.7	4.0	0.7	2.7	5.3	6.3	6.7
MARCH	1.3	0.7	1.0	2.7	0.7	0.7	4.7	11.7	5.7	8.0
APRIL	3.0	0.3	3.3	1.3	2.3	1.3	5.0	9.0	4.3	7.7
MAY	3.3	0.3	1.0	0.7	1.0	1.7	6.3	13.7	3.0	10.0
JUNE	6.7	0.3	0.3	0.0	0.0	0.3	2.7	19.3	0.3	11.3
JULY	0.7	0.0	0.0	0.3	0.3	1.0	4.3	22.7	1.7	11.0
AUGUST	2.7	0.7	0.3	0.0	1.0	0.3	1.7	21.7	2.7	8.7
SEPTEMBER	4.7	1.0	0.0	0.3	1.0	1.3	3.7	13.7	4.3	5.0
OCTOBER	4.0	0.0	2.0	0.7	1.3	0.3	2.3	12.0	8.3	4.0
NOVEMBER	5.3	1.0	1.0	2.0	2.3	0.7	4.0	6.0	7.7	4.0
DECEMBER	2.7	2.3	2.3	1.7	2.3	0.7	2.0	6.7	10.3	3.7
YEARLY MEANS	3.4	0.8	1.5	1.2	1.5	0.9	3.4	12.5	5.1	7.0

TIME - 1800 G.M.T. (No. of years 7)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	1.6	0.6	3.4	2.9	1.7	0.3	2.0	5.3	13.3	5.1
FEBRUARY	1.4	0.7	3.1	3.9	1.9	0.7	1.7	5.0	9.9	6.1
MARCH	3.4	3.0	3.0	3.6	1.6	0.4	2.0	5.6	9.7	6.1
APRIL	2.1	2.0	5.4	3.7	1.3	1.0	1.7	5.3	7.4	6.0
MAY	4.0	1.4	2.3	1.4	1.1	0.1	3.0	9.9	7.7	5.7
JUNE	4.9	0.1	0.0	0.3	0.4	0.4	2.7	14.0	7.1	5.6
JULY	0.6	0.1	0.1	0.0	0.1	0.6	3.7	17.7	8.1	6.1
AUGUST	3.0	0.4	0.4	0.3	0.3	0.6	2.1	16.3	7.6	5.7
SEPTEMBER	2.3	0.6	1.3	0.4	0.4	0.0	1.9	10.3	12.9	3.4
OCTOBER	2.3	0.4	2.3	1.4	0.7	0.1	1.1	7.3	15.4	3.4
NOVEMBER	2.5	1.0	1.8	2.5	1.0	0.3	2.0	4.5	14.3	3.5
DECEMBER	0.5	1.0	2.8	3.2	1.5	0.7	2.7	3.3	15.3	4.0
YEARLY MEANS	2.4	0.9	2.2	2.0	1.0	0.4	2.2	8.7	10.7	5.1

TIME - 2100 G.M.T. (No. of years 3)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	0.7	0.3	4.3	2.7	1.7	0.7	1.7	5.7	13.3	3.7
FEBRUARY	1.3	0.7	3.3	5.0	2.3	1.0	1.7	2.7	10.7	6.0
MARCH	2.7	1.3	2.0	3.7	1.3	0.3	2.3	6.7	10.7	6.0
APRIL	2.0	1.5	5.0	4.0	0.5	0.0	3.5	5.5	8.0	5.5
MAY	3.7	1.0	2.0	1.7	0.3	0.7	5.3	8.3	8.0	6.0
JUNE	4.5	1.0	0.5	0.0	0.0	0.0	4.0	15.5	4.5	5.5
JULY	1.7	0.0	0.0	0.0	0.0	0.3	3.7	18.3	7.0	6.7
AUGUST	3.7	1.0	0.7	0.3	0.7	1.0	0.7	12.7	10.3	4.7
SEPTEMBER	2.7	1.3	0.7	1.0	0.0	0.0	2.3	7.3	14.7	4.7
OCTOBER	2.0	0.3	1.3	0.7	0.0	0.0	4.7	7.7	14.3	3.3
NOVEMBER	2.3	0.7	1.7	2.3	1.0	0.0	5.3	4.7	12.0	3.0
DECEMBER	0.7	0.3	3.0	4.0	1.0	1.3	4.3	2.7	13.7	3.7
YEARLY MEANS	2.3	0.8	2.0	2.0	0.7	0.4	3.3	8.2	10.6	4.9

AVERAGE TEMPERATURES & THEIR RECORDS (IN CENTIGRADE) معدل درجات الحرارة (سنتغراد)

MONTH	TIME - G.M.T. 0000	0300	0600	0900	1200	1500	1800	2100	MEAN	MEAN MAX.	MEAN MIN.	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
JANUARY	3.6	3.0	4.3	11.6	12.5	11.2	7.0	5.5	7.6	13.1	1.0	25.0	28	1941	-14.4	6	1942
FEBRUARY	5.2	4.1	6.8	15.0	15.0	14.4	9.1	8.2	9.7	15.6	2.7	31.7	24	1941	- 8.3	17	1949
MARCH	8.2	6.6	10.9	15.9	18.8	16.8	12.6	9.5	12.4	16.2	5.3	35.0	18	1931	- 6.1	14	1939
APRIL	12.9	10.9	17.5	22.3	24.7	23.5	18.0	15.2	18.1	25.8	10.2	38.4	31	1944	- 2.0	1	1956
MAY	18.0	16.3	23.4	28.1	30.5	29.5	23.9	20.2	23.7	31.6	15.8	42.4	7	1942	5.6	1	1948
JUNE	21.2	19.4	27.5	32.9	35.4	35.0	29.1	24.7	27.8	36.0	18.6	44.5	17	1949	7.8	22	1936
JULY	23.9	22.4	29.5	35.9	37.8	37.5	31.5	27.4	30.7	38.6	21.4	46.1	22	1940	14.4	6	1933
AUGUST	23.8	22.1	29.5	35.9	38.1	37.2	30.6	26.8	30.5	39.0	21.1	45.6	10	1930	15.0	25	1949
SEPTEMBER	20.2	18.5	25.8	32.9	33.1	33.4	26.9	23.2	26.8	35.8	17.3	45.0	3	1925	8.9	21	1936
OCTOBER	15.3	14.2	19.9	27.0	29.0	26.2	19.7	17.5	21.1	29.9	12.5	38.4	6	1953	0.6	15	1948
NOVEMBER	9.4	8.7	12.6	19.1	20.9	17.1	13.9	11.3	14.1	21.6	7.4	35.0	2	1932	- 6.0	30	1953
DECEMBER	5.0	4.0	6.0	12.1	14.1	11.3	8.0	6.0	8.3	14.5	2.6	26.0	4	1956	- 8.9	5	1941
YEAR	13.9	12.5	17.8	24.1	25.8	24.4	19.2	16.3	19.2	26.5	11.3	46.1	22/7	1940	-14.4	6/1	1942

AVERAGE PRESSURE & ITS RECORDS (IN MILLIBARS) AT M.S.L. معدل الضغط الجوى على سطح البحر (بالمليبارات)

MONTH	0000	0300	0600	0900	1200	1500	1800	2100	MEAN	HIGHEST PRESSURE	DATE	TIME GMT.	LOWEST PRESSURE	DATE	TIME GMT.
JANUARY	1020.7	1020.9	1021.6	1019.3	1017.6	1018.8	1019.8	1020.6	1019.9	1039.3	7/42	0000	1001.2	27/40	1300
FEBRUARY	1018.5	1018.2	1018.8	1016.8	1015.0	1015.7	1017.9	1016.9	1017.2	1037.9	8/50	0000	999.0	9/41	1300
MARCH	1016.3	1016.7	1016.8	1015.3	1013.0	1013.2	1015.7	1015.6	1015.3	1031.5	2/54	0300	998.2	19/40	1300
APRIL	1014.0	1014.4	1014.0	1012.9	1010.4	1010.5	1013.0	1012.7	1012.7	1028.7	1/56	0600	999.0	27/52	1500
MAY	1010.5	1012.2	1011.1	1009.9	1008.0	1008.3	1010.0	1010.5	1010.1	1023.3	6/44	0600	997.4	1/46	1200
JUNE	1007.7	1008.5	1007.3	1005.6	1004.0	1003.7	1005.5	1006.1	1006.1	1018.3	1/52	0300	997.3	30/44	1200
JULY	1003.5	1004.2	1003.2	1002.0	1000.2	1000.4	1001.9	1002.3	1002.2	1010.8	2/44	0600	993.8	26/50	1200
AUGUST	1004.6	1005.7	1005.0	1003.4	1001.7	1001.7	1003.7	1003.5	1003.7	1013.7	31/53	0300	995.2	4/54	2100
SEPTEMBER	1010.2	1010.9	1010.1	1008.3	1006.5	1006.9	1008.4	1008.1	1008.8	1023.2	30/38	0200	997.9	1/55	1200
OCTOBER	1016.1	1016.6	1016.4	1014.1	1012.4	1013.1	1015.4	1015.3	1014.9	1027.3	15/48	0000	1004.7	10/48	1200
NOVEMBER	1019.5	1019.7	1019.7	1017.5	1015.9	1017.2	1018.6	1019.1	1018.4	1034.7	30/53	0600	1004.0	7/38	1300
DECEMBER	1021.4	1021.8	1022.3	1020.4	1018.5	1020.0	1020.7	1021.6	1020.8	1035.9	26/47	0600	1005.5	16/51	0000
YEAR	1013.6	1014.2	1013.9	1012.1	1010.3	1010.8	1012.6	1012.7	1012.5	1039.3	7/1/42	0000	993.8	26/7/50	1200

A V E R A G E RELATIVE HUMIDITY (IN %) معدل الرطوبة النسبية

MONTH	0000	0300	0600	0900	1200	1500	1800	2100	MEAN
JANUARY	81	83	78	56	47	56	71	79	69
FEBRUARY	76	78	69	48	39	47	61	69	61
MARCH	66	68	56	40	32	40	52	62	52
APRIL	59	59	44	33	25	30	42	54	43
MAY	50	50	36	26	20	24	35	40	35
JUNE	38	41	29	21	15	16	22	26	26
JULY	36	40	28	18	14	15	22	26	25
AUGUST	36	41	30	18	15	15	21	26	25
SEPTEMBER	36	41	33	21	17	17	24	29	27
OCTOBER	42	47	38	27	23	25	33	38	34
NOVEMBER	66	67	58	44	39	49	56	65	56
DECEMBER	83	82	77	58	47	65	74	78	71
YEARLY MEANS	56	58	48	34	28	33	43	49	44

AVERAGE VAPOUR PRESSURE IN (Mbs.) معدل ضغط البخار

MONTH	0000	0300	0600	0900	1200	1500	1800	2100	MEAN
JANUARY	6.7	6.3	6.6	7.5	6.7	7.5	7.2	7.2	7.0
FEBRUARY	6.8	6.5	6.9	7.6	6.5	7.5	6.9	7.5	7.0
MARCH	7.2	6.7	7.0	7.2	6.6	7.1	7.4	7.3	7.1
APRIL	8.6	7.9	8.5	8.4	7.2	7.8	8.2	8.8	8.2
MAY	10.1	9.0	10.1	9.5	9.0	9.4	9.7	9.3	9.5
JUNE	9.5	9.0	11.0	10.0	9.0	8.6	8.8	8.2	9.3
JULY	10.8	11.1	12.0	10.1	9.2	9.5	9.2	9.5	10.2
AUGUST	10.4	11.0	12.3	10.1	10.0	9.4	9.2	9.4	10.2
SEPTEMBER	8.6	9.2	11.0	9.6	10.0	8.8	8.5	8.3	9.3
OCTOBER	7.3	8.0	9.0	8.7	9.0	8.5	7.9	7.4	8.2
NOVEMBER	7.9	8.0	9.0	8.8	9.0	9.3	8.7	8.8	8.7
DECEMBER	7.4	7.0	7.3	8.3	7.4	8.3	8.0	7.7	7.7
YEARLY MEANS	8.4	8.3	9.2	8.8	8.3	8.5	8.3	8.3	8.5

A V E R A G E LOW CLOUD (OKTAS) (بالاثمان) معدل كميات الغيوم الواطئة

MONTH	0000	0300	0600	0900	1200	1500	1800	2100	MEAN
JANUARY	1.6	1.9	2.1	2.0	2.7	2.0	1.9	1.8	2.0
FEBRUARY	1.6	1.7	1.9	1.9	3.1	2.1	1.5	1.6	1.9
MARCH	1.5	1.5	1.7	2.3	2.8	2.6	1.7	1.3	1.9
APRIL	1.2	1.2	1.2	1.5	2.5	2.3	1.4	1.5	1.6
MAY	0.9	0.9	0.7	1.4	2.0	2.0	1.5	0.9	1.3
JUNE	0.1	0.1	0.1	0.1	0.5	0.5	0.2	0.1	0.2
JULY	0.1	0.2	0.0	0.1	0.3	0.3	0.2	0.0	0.2
AUGUST	0.0	0.2	0.1	0.0	0.4	0.5	0.2	0.1	0.2
SEPTEMBER	0.1	0.2	0.2	0.3	0.4	0.6	0.2	0.2	0.3
OCTOBER	0.6	0.7	0.7	0.6	1.2	1.1	1.4	0.5	0.9
NOVEMBER	1.1	1.4	1.6	1.8	2.2	2.1	1.7	1.4	1.7
DECEMBER	1.5	1.6	2.2	2.1	2.7	2.5	1.8	2.0	2.1
YEARLY MEANS	0.9	1.0	1.0	1.2	1.7	1.6	1.1	1.0	1.2

AVERAGE TOTAL CLOUD (OKTAS) (بالاثمان) معدل كميات الغيوم

MONTH	0000	0300	0600	0900	1200	1500	1800	2100	MEAN
JANUARY	2.6	3.1	3.7	3.4	4.3	3.5	3.0	2.7	3.3
FEBRUARY	2.6	3.0	3.7	3.6	4.7	3.9	2.8	2.5	3.4
MARCH	2.5	2.6	3.2	4.0	4.3	4.5	2.8	2.4	3.3
APRIL	2.2	2.4	2.8	3.2	4.1	3.9	2.5	2.5	3.0
MAY	1.9	2.2	2.4	2.9	3.7	3.4	2.8	1.7	2.6
JUNE	0.1	0.3	0.2	0.2	0.7	0.8	0.4	0.1	0.4
JULY	0.1	0.3	0.3	0.2	0.5	0.5	0.3	0.1	0.3
AUGUST	0.1	0.4	0.3	0.2	0.6	0.7	0.4	0.3	0.4
SEPTEMBER	0.3	0.5	0.5	0.7	0.9	0.9	0.5	0.3	0.6
OCTOBER	1.2	1.7	1.9	3.3	2.7	2.4	1.4	1.2	2.0
NOVEMBER	2.1	2.6	3.4	3.9	4.2	3.8	2.6	2.3	3.1
DECEMBER	2.8	3.2	4.1	3.6	4.8	3.9	3.1	2.8	3.5
YEARLY MEANS	1.5	1.9	2.2	2.4	3.0	2.7	1.9	1.6	2.2

R A I N F A L L (I N M I L L I M E T E R S) سقوط الامطـــــــار (ملليمترات)

MONTH	AVERAGE RAINFALL	MAXIMUM RAINFALL IN 24 HOURS	DAY	YEAR	AVERAGE NUMBER OF DAYS OF RAINFALL ≥ 1 MM.	AVERAGE NUMBER OF DAYS OF RAINFALL ≥ 10 MMS.
JANUARY	16.0	19.7	12	1933	3.3	0.4
FEBRUARY	17.3	32.0	14	1930	2.9	0.4
MARCH	18.7	17.8	4	1944	2.9	0.2
APRIL	20.1	43.7	10	1946	3.0	0.5
MAY	7.4	23.7	3	1946	1.6	0.1
JUNE	0.1	1.7	2	1954	0.0	0.0
JULY	0.0	Trace	9	1938	0.0	0.0
AUGUST	0.0	Trace	10	1952	0.0	0.0
SEPTEMBER	0.2	4.1	22	1930	0.0	0.0
OCTOBER	4.7	30.1	27	1937	0.8	0.1
NOVEMBER	15.1	25.2	24	1937	2.6	0.3
DECEMBER	21.4	45.7	26	1935	3.3	0.6
YEAR	10.1	45.7	26/12	1935	1.7	0.3

NOTE: Trace is less than 0.05 mm.

A V E R A G E N U M B E R O F D A Y S O F P H E N O M E N A S : معدل الايام التي حدثت فيها الظواهر الجوية :

MONTH	RAIN	SNOW	HAIL	THUNDER	FOG	DUSTSTORM	STATE OF SKY CLEAR	STATE OF SKY CLOUDY
JANUARY	4.7	0.2	0.1	0.3	1.7	0.7	11.8	5.0
FEBRUARY	4.3	0.1	0.2	0.4	0.7	0.4	9.9	3.8
MARCH	4.6	0.0	0.3	1.0	0.2	0.4	11.8	3.6
APRIL	4.0	0.0	0.4	2.4	0.1	0.8	10.8	3.2
MAY	2.7	0.0	0.2	2.0	0.1	0.9	15.0	0.6
JUNE	0.1	0.0	0.0	0.0	0.0	0.3	27.9	0.2
JULY	0.0	0.0	0.0	0.0	0.0	0.2	29.2	0.0
AUGUST	0.0	0.0	0.0	0.0	0.0	0.2	28.8	0.1
SEPTEMBER	0.1	0.0	0.0	0.1	0.0	0.4	27.2	0.1
OCTOBER	1.3	0.0	0.0	1.0	0.0	0.8	19.5	1.3
NOVEMBER	4.0	0.0	0.0	1.0	0.7	0.4	11.7	3.2
DECEMBER	4.6	0.1	0.1	0.5	1.9	0.1	10.2	5.2
YEARLY MEANS	2.5	0.0	0.1	0.7	0.5	0.5	17.8	2.2

WIND - FREQUENCY FROM SPECIFIED DIRECTIONS (AVERAGE) SURFACE معدل الريح السطحي

T I M E - 0000 G.M.T. (No. of years - 10)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	1.1	0.7	1.3	1.2	3.4	7.5	4.8	1.0	10.0	5.7
FEBRUARY	0.9	0.5	1.2	1.7	3.8	5.8	4.8	2.4	7.2	7.0
MARCH	1.4	1.2	1.7	2.7	3.3	4.4	6.1	3.6	6.6	7.4
APRIL	2.0	1.6	1.5	2.5	2.5	2.9	6.5	2.7	7.8	6.7
MAY	2.3	0.8	1.1	0.9	2.5	2.2	6.8	5.1	9.3	5.6
JUNE	3.4	0.3	0.1	0.0	0.6	0.9	7.0	10.7	7.0	5.9
JULY	1.1	0.1	0.1	0.0	0.3	1.3	10.4	13.5	4.2	8.3
AUGUST	1.9	0.4	0.3	0.3	0.6	0.9	7.8	12.6	6.2	7.0
SEPTEMBER	1.5	0.6	0.5	0.2	2.4	2.9	4.1	6.6	11.3	4.6
OCTOBER	1.5	0.7	1.2	0.8	2.5	4.3	3.2	2.9	14.0	3.6
NOVEMBER	0.8	1.3	0.6	0.6	3.6	3.6	2.9	1.0	15.8	3.7
DECEMBER	1.4	1.1	2.2	1.9	3.0	5.2	2.9	1.8	11.5	4.5
YEARLY MEANS	1.6	0.8	1.0	1.1	2.4	3.5	5.6	5.3	9.2	0.9

T I M E - 0300 G.M.T. (No. of years - 24)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	0.5	0.8	1.3	1.4	3.7	7.7	3.7	1.4	10.6	5.4
FEBRUARY	1.0	0.3	1.3	1.3	3.9	6.7	3.7	1.6	8.3	6.5
MARCH	0.9	0.6	1.4	1.1	4.0	5.7	5.4	2.2	9.8	5.6
APRIL	1.0	0.7	1.1	1.3	3.3	4.6	6.0	1.5	10.3	4.9
MAY	1.5	0.9	0.6	0.4	2.7	4.3	6.8	4.3	9.6	3.8
JUNE	1.0	0.1	0.1	0.0	1.4	3.5	10.5	5.7	7.7	5.2
JULY	0.8	0.0	0.0	0.0	0.7	3.7	14.4	8.0	3.5	7.6
AUGUST	0.8	0.1	0.0	0.1	1.5	3.7	11.5	5.4	7.8	5.3
SEPTEMBER	0.9	0.0	0.2	0.5	2.4	5.1	5.8	2.8	12.3	3.1
OCTOBER	1.0	0.5	1.0	0.7	4.2	6.0	3.9	1.4	12.3	3.2
NOVEMBER	0.7	0.6	0.9	1.0	4.0	6.0	2.4	1.1	13.4	3.6
DECEMBER	0.7	0.7	1.1	1.1	4.3	6.8	3.4	1.4	11.7	4.1
YEARLY MEANS	0.9	0.4	0.8	0.8	3.0	5.3	6.5	3.1	9.8	4.9

T I M E - 0600 G.M.T. (No. of years - 27)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	0.9	0.6	1.5	1.5	3.6	9.9	5.0	2.2	5.9	6.5
FEBRUARY	0.6	0.3	0.9	1.6	3.8	8.9	5.9	1.8	4.5	7.9
MARCH	1.5	0.6	1.7	2.0	3.6	6.0	7.3	3.0	5.3	8.5
APRIL	2.3	1.5	2.4	2.7	3.1	3.5	6.8	4.0	3.8	8.1
MAY	4.9	2.1	1.9	1.1	2.0	2.4	6.5	6.2	3.8	7.1
JUNE	6.3	1.0	0.5	0.5	0.5	0.6	7.0	11.3	2.3	7.9
JULY	4.1	0.5	0.1	0.0	0.0	0.5	9.8	14.4	1.5	9.8
AUGUST	5.1	1.6	0.3	0.1	0.4	0.9	8.3	11.9	2.4	7.5
SEPTEMBER	4.5	1.6	0.8	0.6	1.4	2.9	6.1	6.2	5.8	5.2
OCTOBER	2.5	1.0	1.9	1.1	2.6	7.3	5.1	3.0	6.5	4.8
NOVEMBER	1.1	0.8	1.9	1.1	3.6	9.3	4.2	1.4	6.6	4.8
DECEMBER	1.0	0.8	1.5	1.4	4.0	9.6	5.0	1.3	6.5	5.1
YEARLY MEANS	2.9	1.0	1.4	1.1	2.4	5.2	6.4	5.6	4.6	6.9

T I M E - 0900 G.M.T. (No. of years - 8)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	3.0	0.7	1.7	2.2	6.2	3.5	8.0	2.2	3.7	8.2
FEBRUARY	0.6	0.3	1.6	3.6	5.6	5.0	7.4	2.3	2.1	10.4
MARCH	2.8	0.9	2.4	3.4	5.5	3.4	5.9	4.4	2.5	11.9
APRIL	3.7	1.6	1.7	3.1	3.4	3.8	6.6	3.7	2.6	9.2
MAY	4.0	1.3	1.4	2.6	3.3	2.3	9.1	3.7	3.3	8.6
JUNE	4.3	1.4	1.0	1.3	1.9	1.6	6.0	8.5	4.1	7.0
JULY	4.6	0.9	1.6	0.7	1.1	2.0	9.4	9.1	1.6	9.1
AUGUST	5.4	1.4	1.4	1.4	1.4	1.6	8.1	7.6	2.7	8.1
SEPTEMBER	4.1	1.9	2.4	2.1	2.9	1.3	5.7	6.2	3.2	8.4
OCTOBER	3.0	1.6	2.4	3.0	3.5	3.0	4.9	4.6	5.0	6.4
NOVEMBER	2.4	1.9	2.9	4.9	2.5	3.4	4.6	2.1	5.3	6.8
DECEMBER	1.4	1.7	2.7	2.3	6.4	5.0	5.0	3.1	3.3	8.0
YEARLY MEANS	3.3	1.3	1.9	2.6	3.6	3.0	6.7	4.8	3.3	8.5

WIND - FREQUENCY FROM SPECIFIED DIRECTIONS (AVERAGE) SURFACE

معدل الريح السطحي

T I M E - 1200 G.M.T. (No. of years - 27)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	2.1	1.4	2.9	3.1	3.4	3.3	6.7	4.9	3.1	9.8
FEBRUARY	2.3	1.0	1.7	3.0	3.5	3.7	7.6	3.6	2.0	10.8
MARCH	2.4	1.3	2.1	2.9	3.5	3.6	8.1	4.9	2.1	10.8
APRIL	2.4	0.9	1.6	2.8	3.2	4.3	8.4	4.8	1.6	9.9
MAY	2.8	1.1	1.5	1.9	2.3	4.7	8.8	5.7	2.0	9.4
JUNE	2.3	0.4	0.4	0.4	1.4	4.9	11.5	7.5	1.3	9.3
JULY	2.5	0.3	0.5	0.3	1.3	3.5	13.7	8.5	0.5	10.9
AUGUST	3.4	0.9	0.6	1.1	1.3	4.0	10.9	6.5	2.4	8.3
SEPTEMBER	2.4	1.0	1.5	1.3	3.2	3.8	8.1	5.9	3.8	7.0
OCTOBER	3.2	2.0	3.5	2.9	3.0	3.1	6.1	4.4	2.9	7.1
NOVEMBER	3.4	2.3	3.7	3.2	3.0	3.1	4.8	3.1	3.5	7.3
DECEMBER	2.7	1.5	3.8	3.9	3.6	2.9	5.5	3.0	4.3	7.3
YEARLY MEANS	2.7	1.2	2.0	2.2	2.7	3.7	8.4	5.2	2.5	9.0

T I M E - 1500 G.M.T. (No. of years - 7)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	3.7	1.5	3.8	2.3	3.0	1.3	5.3	3.2	6.8	6.2
FEBRUARY	3.1	0.3	3.0	3.6	2.7	2.4	5.3	4.0	4.0	8.4
MARCH	3.3	1.9	3.7	2.6	3.0	3.0	5.4	5.4	2.7	10.6
APRIL	5.9	1.1	2.6	2.0	1.9	1.4	7.0	5.3	2.9	10.0
MAY	3.7	1.7	0.7	0.7	1.5	2.3	12.0	6.3	2.2	10.2
JUNE	4.2	0.5	0.8	0.3	0.3	1.8	12.2	8.2	1.7	9.2
JULY	2.3	0.3	0.7	0.0	0.7	1.7	14.7	8.5	2.2	9.8
AUGUST	5.8	0.5	0.5	0.7	0.5	0.3	11.7	9.2	1.8	8.7
SEPTEMBER	6.7	2.2	1.0	1.2	0.7	1.2	7.5	7.3	2.3	8.3
OCTOBER	5.9	2.4	3.7	2.7	1.6	1.1	3.6	5.1	5.0	5.9
NOVEMBER	4.0	3.0	4.6	2.9	2.7	1.4	2.9	2.3	6.3	5.6
DECEMBER	4.0	2.1	4.9	3.1	3.6	1.9	3.6	2.6	5.3	5.9
YEARLY MEANS	4.4	1.5	2.5	1.8	1.9	1.7	7.6	5.6	3.6	8.2

T I M E - 1800 G.M.T. (No. of years - 13)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	2.5	1.3	2.3	4.3	2.6	3.6	3.1	2.8	8.6	6.0
FEBRUARY	2.5	1.2	2.0	3.9	3.2	3.3	3.4	3.2	5.6	6.6
MARCH	3.2	3.1	3.2	3.3	2.7	1.9	4.6	3.7	5.3	7.2
APRIL	4.2	3.7	3.4	2.5	1.2	1.5	3.8	5.5	4.3	7.3
MAY	5.2	2.4	2.8	1.2	0.8	1.1	4.8	6.9	5.7	7.7
JUNE	7.1	0.7	0.8	0.5	0.2	0.4	5.3	11.5	3.7	5.7
JULY	5.1	0.5	0.2	0.2	0.2	0.5	6.5	13.4	4.4	5.1
AUGUST	5.6	2.5	1.1	0.3	0.2	1.0	4.5	10.8	4.9	5.0
SEPTEMBER	6.7	3.8	1.3	1.9	0.4	0.5	3.1	6.3	6.1	4.9
OCTOBER	3.7	4.8	3.8	2.6	1.2	1.3	2.2	3.2	8.2	4.7
NOVEMBER	2.7	2.5	3.4	3.6	2.5	2.8	1.8	1.6	9.3	4.3
DECEMBER	1.8	2.1	3.6	4.3	2.9	2.8	2.3	1.9	9.3	4.6
YEARLY MEANS	4.2	2.4	2.3	2.4	1.5	1.7	3.8	5.9	6.3	5.8

T I M E - 2100 G.M.T. (No. of years - 5)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	0.8	1.0	1.6	1.6	3.8	4.0	2.6	0.4	15.2	4.0
FEBRUARY	0.6	1.0	1.0	2.6	4.8	4.0	4.0	1.0	9.4	7.0
MARCH	0.6	1.4	4.0	2.2	2.4	3.0	7.6	2.0	7.8	6.8
APRIL	2.0	1.2	2.2	1.6	2.6	2.2	6.8	2.8	8.6	7.2
MAY	3.4	0.8	0.6	0.8	2.2	1.2	7.8	5.0	9.2	6.4
JUNE	3.4	0.6	0.4	0.0	1.0	0.6	9.2	7.6	7.2	5.6
JULY	0.8	0.0	0.2	0.0	0.6	0.8	9.2	10.8	8.6	6.6
AUGUST	1.8	0.6	0.4	0.0	0.2	1.4	10.2	7.0	9.4	6.2
SEPTEMBER	1.4	1.0	0.4	0.4	1.6	1.8	3.2	2.4	17.8	3.4
OCTOBER	1.6	1.6	2.2	2.0	4.2	1.0	2.6	1.4	14.4	3.4
NOVEMBER	1.3	2.0	1.8	2.3	2.8	2.3	1.8	1.0	14.5	4.0
DECEMBER	0.6	1.2	3.0	1.8	5.8	4.0	2.5	0.8	11.2	4.8
YEARLY MEANS	1.5	1.0	1.5	1.3	2.7	2.2	5.6	3.5	11.1	5.5

AVERAGE TEMPERATURES & THEIR RECORDS IN (CENTIGRADE) معدل درجات الحرارة (سنتغراد)

MONTH	TIME - G.M.T. 0000	0300	0600	0900	1200	1500	1800	2100	MEAN	MEAN MAX.	MEAN MIN.	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
JANUARY	8.6	6.4	9.1	15.7	16.3	14.1	10.5	-	11.5	17.2	5.2	24.4	21	1948	- 6.7	5&7	1942
FEBRUARY	10.2	8.0	11.8	18.5	18.6	17.8	12.3	-	13.9	19.8	6.7	29.4	27	1941	- 3.9	10	1949
MARCH	12.4	11.4	16.4	21.2	22.3	19.7	15.8	-	17.0	23.3	9.9	33.3	14	1944	0.0	8	1943
APRIL	17.5	16.3	23.2	28.1	28.8	26.1	21.5	-	23.1	29.8	14.3	40.0	30	1944	1.9	1	1956
MAY	22.2	22.3	31.0	34.6	36.4	33.1	27.6	-	29.6	37.3	21.0	46.1	26	1941	12.2	1	1948
JUNE	26.7	26.1	35.5	40.2	41.2	38.6	32.3	-	34.4	41.9	24.8	49.5	26	1942	18.3	1	1943
JULY	29.1	27.7	36.0	42.1	43.3	40.9	34.1	-	36.2	44.0	26.3	50.0	22	1943	21.6	25	1950
AUGUST	28.9	27.1	35.8	42.3	43.8	40.2	33.8	-	36.0	44.3	26.1	48.9	26	1943	18.9	28&30	1941
SEPTEMBER	25.6	23.7	32.5	39.9	40.5	36.0	30.3	-	32.6	41.2	22.7	48.4	14&16	1945	15.2	29	1956
OCTOBER	19.4	18.5	26.5	33.6	34.3	28.8	25.1	-	26.0	35.3	17.3	43.9	3	1947	6.7	15	1948
NOVEMBER	13.5	13.0	18.4	23.9	25.5	19.8	16.4	-	18.2	26.5	12.0	37.2	3	1949	2.0	30	1953
DECEMBER	9.8	8.0	11.3	16.4	18.1	13.9	11.8	-	12.4	19.1	7.0	28.9	1	1943	- 4.6	12	1956
YEAR	18.7	17.4	24.0	29.7	30.8	27.4	22.6	-	24.2	31.6	16.1	50.0	22/7	1943	- 6.7	5&7/1	1942

AVERAGE PRESSURE & ITS RECORDS IN (MILLIBARS) AT M.S.L. معدل الضغط الجوي على سطح البحر (ملليبارات)

MONTH	0000	0300	0600	0900	1200	1500	1800	2100	MEAN	HIGHEST PRESSURE	DATE	TIME GMT.	LOWEST PRESSURE	DATE	TIME GMT.
JANUARY	1019.1	1019.5	1020.4	1019.2	1018.5	1018.3	1019.4	-	1019.2	1030.8	29/50	0600	1004.1	13/56	1200
FEBRUARY	1016.6	1017.6	1018.5	1017.2	1016.6	1014.4	1017.6	-	1016.9	1032.4	8/50	0600	1000.3	29/56	0000
MARCH	1012.5	1014.9	1015.9	1015.4	1014.1	1013.2	1015.2	-	1014.5	1027.8	14/45	0600	1001.1	5/48	0300
APRIL	1010.8	1012.0	1012.9	1011.7	1011.2	1009.9	1011.8	-	1011.5	1024.8	1/56	0900	997.1	29/56	1500
MAY	1007.4	1007.8	1008.6	1008.5	1007.4	1006.9	1007.8	-	1007.8	1019.2	1/48	0600	998.1	15/46	1800
JUNE	1000.8	1002.1	1002.7	1002.1	1001.6	1000.5	1001.8	-	1001.7	1012.6	1/52	0300	995.1	28/45	0600
JULY	996.9	997.9	998.4	998.1	997.3	996.1	997.7	-	997.5	1004.9	1/51	0300	991.0	11/54	1500
AUGUST	998.6	999.5	1000.2	998.1	998.9	998.4	999.0	-	998.9	1008.4	30/53	0600	992.7	4/53	1500
SEPTEMBER	1004.1	1005.6	1006.4	1005.5	1005.1	1004.1	1005.6	-	1005.2	1013.6	21/46	0600	995.5	3/56	1500
OCTOBER	1011.4	1012.9	1013.8	1012.6	1012.2	1011.7	1012.9	-	1012.5	1022.4	29/47	0600	1002.9	1/54	0000
NOVEMBER	1016.4	1017.3	1018.2	1017.5	1016.2	1017.0	1017.4	-	1017.2	1028.2	30/53	0600	1008.1	26/51	1200
DECEMBER	1019.6	1020.0	1021.0	1020.0	1019.0	1019.6	1020.1	-	1019.9	1030.2	22/53	0600	1005.0	22/52	0900
YEAR	1009.5	1010.6	1011.4	1010.5	1009.8	1009.2	1010.5	-	1010.2	1032.4	8/2/50	0600	991.0	11/7/54	1500

AVERAGE RELATIVE HUMIDITY IN (%) معدل الرطوبة النسبية										AVERAGE VAPOUR PRESSURE IN (Mbs.) معدل ضغط البخار								
MONTH	0000	0300	0600	0900	1200	1500	1800	2100	MEAN	0000	0300	0600	0900	1200	1500	1800	2100	MEAN
JANUARY	82	83	77	57	49	63	73	-	69	9.3	9.1	9.8	10.1	9.9	10.1	9.3	-	9.7
FEBRUARY	72	78	70	52	42	53	66	-	62	9.0	8.2	9.6	10.4	9.0	10.3	9.5	-	9.4
MARCH	70	76	62	43	38	49	61	-	57	10.5	10.3	11.6	10.7	10.3	11.7	11.1	-	10.9
APRIL	64	67	49	35	30	41	51	-	48	13.0	12.8	13.8	13.0	11.5	13.7	13.0	-	13.0
MAY	47	51	31	20	19	24	36	-	33	12.7	13.4	13.7	11.3	11.2	11.8	13.2	-	12.5
JUNE	31	37	21	18	13	18	26	-	23	10.7	12.2	13.0	10.5	10.5	12.7	12.6	-	11.7
JULY	30	34	26	17	15	20	26	-	24	12.2	12.4	15.0	13.7	13.0	15.4	14.1	-	13.7
AUGUST	35	34	26	18	15	21	27	-	25	13.6	12.2	14.9	14.3	12.9	15.3	14.0	-	13.9
SEPTEMBER	33	37	26	18	15	22	29	-	26	11.1	10.8	13.4	12.6	11.6	13.7	12.4	-	12.2
OCTOBER	41	47	36	22	22	31	35	-	34	9.1	10.1	12.6	11.5	11.6	12.1	10.8	-	11.0
NOVEMBER	64	68	57	40	37	52	55	-	55	10.2	10.5	12.1	11.6	11.7	11.5	10.9	-	11.2
DECEMBER	84	83	76	59	52	69	74	-	73	10.3	9.2	10.3	11.0	10.6	11.0	10.4	-	10.4
YEARLY MEANS	54	58	47	33	29	37	47	-	44	11.0	10.9	12.5	11.7	11.2	12.4	11.8	-	11.6

AVERAGE LOW CLOUD IN (OKTAS) معدل كميات الغيوم الواطئة (بالاثمان)										AVERAGE TOTAL CLOUD IN (OKTAS) معدل كميات الغيوم (بالاثمان)								
MONTH	0000	0300	0600	0900	1200	1500	1800	2100	MEAN	0000	0300	0600	0900	1200	1500	1800	2100	MEAN
JANUARY	0.8	1.4	1.6	1.1	1.8	0.9	1.2	-	1.2	2.0	2.8	3.6	3.0	3.8	2.8	2.4	-	2.9
FEBRUARY	1.2	1.3	1.2	0.9	1.6	1.1	0.8	-	1.2	2.2	3.0	3.0	2.4	3.3	3.0	2.2	-	2.7
MARCH	2.1	1.4	1.3	1.2	1.9	1.3	1.2	-	1.5	2.1	3.5	3.6	3.1	4.2	4.0	2.7	-	3.3
APRIL	1.3	1.3	1.1	1.0	1.4	1.4	0.8	-	1.2	3.2	3.2	3.1	2.9	3.4	3.7	2.2	-	3.1
MAY	0.3	0.6	0.4	0.2	0.7	0.2	0.6	-	0.4	1.0	2.5	2.4	1.8	2.8	1.7	1.8	-	2.0
JUNE	0.0	0.0	0.0	0.0	0.1	0.1	0.0	-	0.0	0.1	0.2	0.2	0.2	0.3	0.3	0.1	-	0.2
JULY	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-	0.0	0.0	0.4	0.2	0.2	0.1	0.1	0.1	-	0.2
AUGUST	0.2	0.1	0.1	0.1	0.1	0.5	0.1	-	0.2	0.4	0.5	0.3	0.3	0.2	0.4	0.1	-	0.3
SEPTEMBER	0.0	0.1	0.1	0.1	0.1	0.1	0.1	-	0.1	0.1	0.3	0.3	0.3	0.3	0.3	1.0	-	0.4
OCTOBER	0.1	0.5	0.4	0.2	0.6	0.3	0.3	-	0.3	0.3	1.6	1.7	0.9	2.0	1.2	0.9	-	1.1
NOVEMBER	0.8	1.2	1.1	1.0	1.4	0.9	0.9	-	1.0	2.0	3.0	3.3	2.8	3.6	2.8	2.4	-	2.9
DECEMBER	2.0	1.9	1.8	1.5	2.0	1.7	1.4	-	1.9	3.1	3.5	3.9	3.4	4.2	3.5	2.8	-	3.5
YEARLY MEANS	0.7	0.8	0.8	0.6	1.0	0.7	0.6	-	0.8	1.4	2.0	2.1	1.8	2.4	2.0	1.6	-	1.9

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RAINFALL IN (MILLIMETERS) (مليمترات) معدل الأمطار

MONTH	AVERAGE RAINFALL	MAXIMUM RAINFALL IN 24 HOURS	DAY	YEAR	AVERAGE NUMBER OF DAYS OF RAINFALL ≥ 1 MM.	≥ 10 MMS.
JANUARY	22.8	41.9	14	1947	3.7	0.7
FEBRUARY	24.5	26.9	8	1941	3.1	0.8
MARCH	26.6	49.1	13	1946	3.9	0.6
APRIL	9.6	25.0	22	1946	2.3	0.1
MAY	5.9	28.7	5	1949	1.0	0.2
JUNE	0.0	Trace	7&11	1953	0.0	0.0
JULY	0.0	0.0	-	-	0.0	0.0
AUGUST	0.0	0.0	-	-	0.0	0.0
SEPTEMBER	0.0	Trace	14	1952	0.0	0.0
OCTOBER	1.3	8.4	30	1943	0.4	0.0
NOVEMBER	14.6	29.2	23	1947	2.1	0.4
DECEMBER	29.1	41.0	5	1954	4.3	0.9
YEAR	11.2	49.1	13/3	1946	1.7	0.3

NOTE: Trace is less than 0.05 mm.

AVERAGE NUMBER OF DAYS OF PHENOMENAS : معدل الأيام التي حدثت فيها الظواهر الجوية :

MONTH	RAIN	SNOW	HAIL	THUNDER	FOG	DUSTSTORM	STATE OF SKY CLEAR	CLOUDY
JANUARY	5.0	0.1	0.1	0.8	0.9	0.5	12.6	3.4
FEBRUARY	4.4	0.0	0.2	0.6	0.3	0.4	13.0	3.1
MARCH	5.8	0.0	0.0	2.3	0.3	0.4	10.2	3.6
APRIL	3.9	0.0	0.1	2.6	0.1	0.8	12.5	3.3
MAY	1.7	0.0	0.1	1.5	0.2	1.6	16.2	1.6
JUNE	0.0	0.0	0.0	0.0	0.0	1.1	29.1	0.1
JULY	0.0	0.0	0.0	0.0	0.0	0.8	29.9	0.0
AUGUST	0.0	0.0	0.0	0.0	0.0	0.5	29.8	0.0
SEPTEMBER	0.0	0.0	0.0	0.1	0.0	0.2	28.8	0.1
OCTOBER	1.3	0.0	0.0	0.5	0.0	0.4	20.9	1.0
NOVEMBER	3.3	0.0	0.0	1.0	0.4	0.1	13.2	3.4
DECEMBER	6.1	0.0	0.0	0.5	1.2	0.0	10.5	5.5
YEARLY MEANS	2.6	0.0	0.0	0.8	0.3	0.6	18.9	2.1

WIND - FREQUENCY FROM SPECIFIED DIRECTIONS (AVERAGE) SURFACE

معدل الريـــــح السطحـــــي

MONTH	TIME - 0000 G.M.T. (No. of years - 3)										TIME - 0300 G.M.T. (No. of years - 17)									
	N	NE	E	SE	S	SW	W	NW	CALM	V.K.	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	1.0	0.0	5.0	0.0	0.0	0.0	13.0	1.0	11.0	5.0	2.3	1.0	5.9	1.7	0.8	1.1	11.3	4.3	2.6	5.2
FEBRUARY	1.0	1.0	9.5	0.0	0.5	0.0	11.0	2.0	3.5	6.0	2.2	1.4	6.6	1.1	0.9	1.1	8.7	3.8	2.3	5.4
MARCH	2.2	2.0	7.5	0.5	2.0	0.5	12.0	2.5	2.0	6.0	2.9	1.4	5.8	1.7	0.9	1.4	8.9	4.8	3.3	5.3
APRIL	0.5	1.0	9.5	0.5	1.0	0.5	14.0	1.5	1.5	6.5	3.5	1.2	5.5	1.9	1.4	0.9	8.0	4.6	3.0	4.9
MAY	2.7	0.7	0.7	1.7	1.7	0.3	17.7	3.3	2.3	7.0	4.0	1.1	2.1	1.3	1.3	0.7	10.3	7.5	2.8	4.6
JUNE	0.0	0.0	0.5	0.5	1.0	0.0	24.0	3.0	1.0	10.0	2.5	0.1	0.6	0.1	0.2	0.5	13.4	11.5	1.2	5.8
JULY	0.0	0.0	0.5	0.0	0.0	0.0	26.5	2.5	1.5	7.5	1.3	0.1	0.7	0.3	0.2	1.0	15.5	10.4	1.4	5.5
AUGUST	0.3	0.0	0.0	0.0	0.7	0.3	17.3	8.0	4.3	8.3	2.7	0.3	0.6	0.4	0.5	1.1	13.5	9.2	2.6	4.9
SEPTEMBER	2.0	0.0	1.0	0.3	1.8	0.8	15.3	7.3	1.8	8.3	2.6	0.3	0.6	0.2	0.6	0.9	11.3	10.8	2.7	5.5
OCTOBER	2.5	0.0	2.3	0.3	0.5	1.8	16.0	4.8	3.0	5.8	3.5	1.7	2.9	0.6	0.7	1.2	10.2	6.8	3.4	4.2
NOVEMBER	2.5	0.0	4.0	1.8	0.8	0.5	12.3	6.0	2.3	6.5	2.0	1.6	4.9	1.2	0.8	0.8	10.8	5.2	2.6	4.5
DECEMBER	0.8	1.0	5.0	0.5	2.0	0.3	14.3	3.5	3.8	5.0	2.1	1.1	4.5	1.8	1.4	1.2	10.4	4.9	3.7	4.6
YEARLY MEANS	1.3	0.5	3.8	0.5	1.0	0.4	16.1	3.8	3.2	6.8	2.7	0.9	3.4	1.0	0.8	0.9	11.0	6.9	2.7	5.0

MONTH	TIME - 0600 G.M.T. (No. of years - 17)										TIME - 0900 G.M.T. (No. of years - 6)									
	N	NE	E	SE	S	SW	W	NW	CALM	V.K.	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	1.9	0.6	5.3	3.1	1.3	0.8	10.0	5.2	2.8	5.8	3.0	1.0	4.8	2.7	1.3	1.8	11.8	4.3	0.1	7.3
FEBRUARY	2.1	0.9	6.1	2.9	1.3	1.3	7.8	4.1	1.9	6.8	1.7	0.8	6.2	3.8	2.2	0.1	9.3	4.0	0.1	9.2
MARCH	3.3	1.6	5.9	2.9	1.1	0.9	7.6	6.9	0.8	7.1	2.8	0.5	7.2	2.8	1.6	0.3	10.0	5.3	0.3	8.7
APRIL	2.9	1.3	6.0	2.3	1.6	1.3	7.7	5.3	1.7	6.8	0.8	1.2	6.2	3.0	2.8	0.5	8.2	6.8	0.5	8.8
MAY	3.9	1.6	3.0	1.9	1.1	1.1	8.6	8.4	1.3	7.0	3.2	0.5	3.7	1.2	1.5	0.2	13.5	7.0	0.3	9.3
JUNE	3.5	0.3	0.6	0.3	0.4	0.6	10.1	13.5	0.6	8.2	1.7	0.0	0.7	0.2	0.5	0.7	15.8	9.8	0.7	11.7
JULY	2.4	0.4	1.2	0.2	0.7	0.7	14.5	10.5	0.5	7.8	1.0	0.0	2.2	0.7	0.2	0.2	20.0	6.3	0.5	9.2
AUGUST	3.5	0.5	1.2	0.6	0.8	0.8	11.9	10.1	1.6	7.0	0.7	0.3	3.0	1.0	1.5	0.3	14.3	8.7	1.2	9.3
SEPTEMBER	3.4	0.8	1.7	0.8	0.6	0.8	9.4	10.9	1.7	5.6	1.7	0.2	2.2	0.3	2.0	0.5	12.5	9.5	1.2	9.0
OCTOBER	4.0	1.4	3.7	2.9	1.3	1.0	6.9	7.9	1.9	4.7	1.4	0.4	3.4	2.3	2.4	1.1	10.3	8.4	1.1	6.7
NOVEMBER	2.8	1.7	4.6	2.8	1.2	0.9	8.6	5.3	2.2	4.9	1.4	0.3	4.1	4.0	1.9	0.3	11.3	5.9	0.9	7.1
DECEMBER	2.2	1.1	4.9	2.3	1.1	1.0	10.9	5.7	3.4	4.9	1.0	0.1	6.1	3.1	1.6	0.6	11.7	4.3	2.4	6.4
YEARLY MEANS	3.0	1.0	3.7	1.9	1.0	0.9	9.5	7.8	1.7	6.4	1.7	0.4	4.2	2.1	1.6	0.6	12.4	6.7	0.8	8.6

WIND - FREQUENCY FROM SPECIFIED DIRECTIONS (AVERAGE) SURFACE

TIME - 1200 G.M.T. (No. of years - 17)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	2.7	0.6	4.6	3.0	1.8	1.2	7.1	8.7	1.3	7.1
FEBRUARY	2.8	1.2	4.7	3.2	1.5	0.8	5.1	8.3	0.8	8.2
MARCH	3.3	1.1	5.2	3.3	1.6	0.9	6.5	8.3	0.9	8.4
APRIL	3.7	1.9	4.1	3.3	1.6	0.8	5.9	8.6	0.6	8.3
MAY	3.9	0.9	2.3	1.6	1.2	1.4	9.3	9.9	0.7	8.6
JUNE	1.6	0.1	0.2	0.4	0.7	0.4	11.6	14.6	0.4	10.1
JULY	1.1	0.0	0.6	0.5	0.7	0.8	14.4	12.5	0.4	9.6
AUGUST	2.1	0.1	1.0	0.5	0.5	0.5	12.4	13.1	0.8	8.6
SEPTEMBER	2.7	0.4	1.0	0.4	0.9	1.2	9.3	12.8	1.3	8.2
OCTOBER	3.2	0.9	2.0	2.8	1.4	0.8	7.6	10.5	1.8	5.9
NOVEMBER	3.1	0.9	3.8	3.1	0.9	0.6	7.1	8.5	1.9	5.9
DECEMBER	3.1	1.6	5.0	2.3	1.0	1.3	6.7	7.7	2.4	5.8
YEARLY MEANS	2.8	0.8	2.9	2.0	1.2	0.9	8.6	10.3	1.1	7.9

TIME - 1500 G.M.T. (No. of years - 4)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	1.0	1.5	7.3	0.8	1.3	0.5	12.5	4.8	1.5	5.0
FEBRUARY	1.0	1.0	8.0	2.0	1.3	0.3	10.7	2.7	1.3	6.0
MARCH	1.3	2.7	6.7	1.0	1.3	0.0	11.7	3.3	3.0	4.7
APRIL	2.3	2.5	7.0	1.3	1.3	0.3	11.3	2.8	1.5	6.3
MAY	0.8	1.0	2.5	0.5	1.0	0.0	18.8	6.0	0.5	7.5
JUNE	1.7	0.0	0.3	0.3	0.3	0.3	20.7	5.7	0.7	8.7
JULY	1.5	1.0	1.0	0.3	0.3	0.0	20.5	5.5	1.0	6.8
AUGUST	0.6	0.4	1.0	0.6	0.8	0.2	17.2	8.0	2.2	5.8
SEPTEMBER	0.3	0.0	1.5	0.0	1.3	0.5	18.5	6.0	2.0	6.0
OCTOBER	1.0	0.2	3.8	0.6	0.8	0.6	14.0	6.2	3.8	6.0
NOVEMBER	1.0	0.4	4.8	0.6	2.4	0.6	12.6	5.4	2.2	5.0
DECEMBER	1.8	0.6	6.2	0.2	2.0	0.2	10.8	4.2	5.0	4.8
YEARLY MEANS	1.2	0.9	4.2	0.7	1.2	0.3	14.9	5.1	2.1	6.1

TIME - 1800 G.M.T. (No. of years - 12)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	2.8	1.0	5.2	2.0	0.9	0.9	7.9	7.5	2.8	5.6
FEBRUARY	2.8	0.7	6.4	2.5	0.8	0.4	6.1	6.8	1.8	5.8
MARCH	4.1	1.5	5.7	2.2	1.2	0.7	5.3	8.2	2.3	5.8
APRIL	3.2	1.6	5.0	3.2	1.1	0.3	5.3	8.2	2.1	5.4
MAY	2.4	1.1	2.3	1.4	1.0	0.6	10.7	8.6	2.8	5.3
JUNE	1.6	0.0	0.3	0.4	0.2	0.3	12.5	13.6	1.3	6.2
JULY	1.4	0.1	0.7	0.8	0.5	0.5	16.2	9.7	1.9	5.1
AUGUST	0.7	0.3	0.5	0.6	0.3	0.7	13.3	10.3	4.3	5.0
SEPTEMBER	1.0	0.2	1.4	0.4	0.3	0.8	11.8	11.7	2.5	5.3
OCTOBER	2.1	0.3	2.3	2.5	0.9	0.3	9.2	11.1	2.3	4.7
NOVEMBER	3.0	0.3	4.0	2.8	1.0	0.5	8.4	7.8	2.2	5.0
DECEMBER	1.8	0.8	5.5	1.7	1.0	0.6	8.8	7.1	3.8	5.0
YEARLY MEANS	2.2	0.7	3.3	1.7	0.8	0.6	9.6	9.2	2.5	5.4

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AVERAGE TEMPERATURES & THEIR RECORDS IN (CENTIGRADE) معدل الحرارة وقياسها (سنتجراد)

MONTH	TIME - G.M.T. 0000	0300	0600	0900	1200	1500	1800	2100	MEAN	MEAN MAX.	MEAN MIN.	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
JANUARY	6.5	5.5	8.6	15.2	16.3	14.0	9.6	8.5	10.5	16.7	3.4	25.5	28	1948	- 8.3	29	1950
FEBRUARY	8.2	7.0	11.2	18.4	18.9	17.1	12.0	11.2	13.0	19.5	5.0	31.1	28	1941	- 7.2	9	1950
MARCH	11.5	10.4	16.0	21.2	22.8	20.4	15.8	13.6	16.5	23.5	8.6	36.1	14	1944	- 2.8	15	1945
APRIL	16.7	15.5	23.2	28.1	29.2	27.1	21.7	19.4	22.6	30.1	14.0	41.6	9	1952	[illegible]	2	1946
MAY	22.1	21.3	30.2	34.3	35.5	35.0	27.7	24.3	28.8	36.7	19.2	45.6	12	1944	7.8	1	1948
JUNE	25.4	24.5	33.0	38.7	39.2	37.6	31.0	27.4	32.1	40.8	22.3	46.6	28	1947	14.4	1	1942
JULY	27.0	25.7	34.6	40.7	42.2	40.4	32.8	29.8	34.2	42.7	23.7	49.5	4	1948	18.3	2&30	1943
AUGUST	26.6	24.8	34.2	40.2	42.2	39.0	32.3	29.5	33.6	42.9	22.8	48.3	26	1943	16.1	29	1941
SEPTEMBER	23.5	21.3	31.2	38.2	39.4	35.0	28.8	26.2	30.5	40.1	19.5	46.6	1	1945	11.6	25&26	1943
OCTOBER	18.2	16.4	25.6	32.5	33.6	27.8	22.9	20.8	24.7	34.7	14.9	43.9	2	1947	2.8	18	1948
NOVEMBER	12.6	11.7	17.4	23.5	24.6	19.5	16.5	14.3	17.5	25.8	9.9	36.1	4	1949	- 2.5	16	1948
DECEMBER	10.2	6.9	10.3	15.9	17.4	13.5	10.7	9.5	11.8	18.4	5.0	27.8	1&4	1943	- 5.6	30	1948
YEAR	17.4	15.9	23.0	28.9	30.1	27.2	21.8	21.7	23.0	31.0	14.0	49.5	4/7	1948	- 8.3	29/1	1950

AVERAGE PRESSURE & ITS RECORDS IN (MILLIBARS) AT M.S.L. معدل الضغط الجوي على سطح البحر

MONTH	0000	0300	0600	0900	1200	1500	1800	2100	MEAN	HIGHEST PRESSURE	DATE	TIME GMT.	LOWEST PRESSURE	DATE	TIME GMT.
JANUARY	1018.6	1018.5	1019.9	1018.9	1017.4	1017.9	1018.6	1018.6	1018.6	1036.1	7/42	0600	1000.0	10/53	2100
FEBRUARY	1016.4	1016.8	1018.1	1016.7	1015.5	1015.1	1016.7	1016.0	1016.4	1034.9	8/50	0600	997.9	28/56	2100
MARCH	1013.8	1014.1	1015.5	1014.3	1013.0	1013.1	1014.1	1013.6	1013.9	1027.9	14/45	0600	995.8	22/51	1300
APRIL	1010.5	1011.3	1012.4	1011.1	1010.1	1009.7	1010.8	1009.1	1010.6	1025.7	1/56	09&21	997.6	29/56	1200
MAY	1007.0	1007.5	1008.5	1008.3	1006.6	1006.9	1007.4	1007.5	1007.5	1019.6	5/40	0600	996.2	3/46	0000
JUNE	1001.5	1002.3	1003.2	1002.6	1001.6	1001.0	1001.8	1001.7	1002.0	1012.7	1/52	0600	993.9	27/42	1300
JULY	997.2	998.1	998.9	998.6	997.3	996.9	997.3	997.3	997.7	1005.5	2/44	0600	991.1	26/54	1500
AUGUST	999.1	999.6	1000.6	1000.2	999.0	998.6	999.3	999.1	999.4	1009.0	30/53	0600	991.8	3/54	1500
SEPTEMBER	1004.7	1005.6	1006.7	1005.7	1004.7	1004.1	1005.3	1004.8	1005.2	1013.6	29/41	0600	995.2	3/56	1500
OCTOBER	1011.9	1012.6	1013.8	1012.4	1011.4	1011.1	1012.4	1011.9	1011.9	1022.7	29/47	0600	1002.6	1/54	0000
NOVEMBER	1016.5	1016.6	1017.9	1017.0	1015.5	1016.0	1016.8	1016.7	1016.6	1030.0	29/53	1800	1006.0	5/45	1200
DECEMBER	1019.2	1019.5	1020.8	1019.8	1018.6	1019.1	1019.5	1019.6	1019.5	1031.1	12/56	0600	1006.3	21/40	0200
YEAR	1009.7	1010.2	1011.4	1010.5	1009.2	1009.1	1010.0	1009.7	1009.9	1036.1	7/1/42	0600	991.1	26/7/54	1500

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AVERAGE RELATIVE HUMIDITY IN (%) معدل الرطوبة النسبية										AVERAGE VAPOUR PRESSURE IN (Mbs.) معدل ضغط البخار								
MONTH	0000	0300	0600	0900	1200	1500	1800	2100	MEAN	0000	0300	0600	0900	1200	1500	1800	2100	MEAN
JANUARY	81	83	76	60	48	63	72	79	70	8.4	7.6	8.7	10.2	9.0	9.9	8.7	8.9	8.9
FEBRUARY	74	78	68	50	40	52	62	70	62	8.2	7.9	13.6	10.3	8.7	10.1	8.9	9.4	9.6
MARCH	69	73	59	43	35	42	55	63	55	9.4	9.4	10.8	10.6	9.6	10.1	10.2	10.1	10.0
APRIL	62	67	47	35	28	36	45	57	47	11.7	11.7	12.9	13.0	11.1	12.5	12.0	12.7	12.2
MAY	48	52	32	23	20	23	36	43	35	12.7	13.1	13.5	12.5	11.6	12.0	12.9	12.8	12.6
JUNE	40	44	28	19	16	20	31	35	29	12.7	13.3	14.4	13.6	12.2	13.1	13.8	13.4	13.3
JULY	40	43	29	21	16	21	32	39	30	14.0	14.1	16.0	16.0	14.0	15.6	15.5	15.4	15.1
AUGUST	40	43	30	22	17	23	29	37	30	13.9	13.3	16.0	15.7	14.0	16.4	15.5	15.3	15.0
SEPTEMBER	43	48	33	23	19	28	34	39	33	12.4	12.1	15.0	15.3	13.4	15.8	13.5	13.1	13.8
OCTOBER	49	55	40	29	25	36	41	49	41	10.4	10.2	13.0	13.8	13.0	13.5	11.5	11.9	12.2
NOVEMBER	67	71	59	45	39	51	58	67	57	10.0	10.0	12.0	12.5	12.0	11.8	10.8	11.1	11.3
DECEMBER	82	84	77	62	53	68	75	81	73	8.9	8.4	10.0	11.2	10.4	10.5	9.7	9.7	9.9
YEARLY MEANS	58	62	48	36	30	39	48	55	47	11.1	9.3	13.0	12.9	11.6	12.6	11.9	12.0	12.0

AVERAGE LOW CLOUD IN (OKTAS) معدل الغيوم الواطئة										AVERAGE TOTAL CLOUD IN (OKTAS) معدل الغيوم الكلية								
MONTH	0000	0300	0600	0900	1200	1500	1800	2100	MEAN	0000	0300	0600	0900	1200	1500	1800	2100	MEAN
JANUARY	1.2	1.7	1.8	1.2	1.9	1.0	1.0	0.7	1.3	2.3	2.9	3.6	3.1	3.6	2.9	2.1	1.8	2.8
FEBRUARY	1.0	1.1	1.8	1.1	1.8	1.0	0.8	0.9	1.2	2.0	2.3	3.0	3.0	3.4	2.9	2.0	2.0	2.6
MARCH	0.9	1.3	2.0	1.4	1.9	1.2	0.9	1.0	1.3	1.9	2.9	3.6	3.4	3.9	3.4	2.1	2.1	2.9
APRIL	0.9	1.3	1.1	1.2	1.5	1.5	0.8	1.2	1.2	1.8	2.8	3.1	3.2	3.8	3.4	2.1	2.2	2.8
MAY	0.5	0.7	0.7	0.4	1.0	0.4	0.6	0.4	0.6	1.2	2.4	2.4	1.8	2.8	2.2	1.7	1.1	2.0
JUNE	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.3	0.2	0.3	0.3	0.3	0.0	0.1	0.2
JULY	0.0	0.1	0.1	0.0	0.2	0.0	0.0	0.0	0.1	0.1	0.4	0.2	0.1	0.3	0.3	0.1	0.1	0.2
AUGUST	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.3	0.3	0.3	0.2	0.4	0.1	0.1	0.2
SEPTEMBER	0.0	0.1	0.1	0.1	0.1	0.2	0.0	0.0	0.1	0.2	0.3	0.3	0.5	0.4	0.5	0.2	0.1	0.3
OCTOBER	0.2	0.4	0.5	0.2	0.6	0.2	0.2	0.1	0.3	0.6	1.4	1.7	1.4	2.1	1.4	0.9	0.5	1.3
NOVEMBER	0.7	1.2	1.3	1.0	1.4	0.9	0.6	0.8	1.0	2.0	2.8	3.4	2.9	3.7	2.7	1.9	2.0	2.7
DECEMBER	1.3	1.6	1.9	1.7	2.1	1.6	1.3	1.5	1.6	2.3	3.1	3.8	3.6	4.2	3.3	2.6	2.5	3.2
YEARLY MEANS	0.6	0.8	1.0	0.7	1.1	0.6	0.5	0.6	0.7	1.2	1.8	2.1	2.0	2.4	2.0	1.3	1.2	1.8

RAINFALL IN (MILLIMETERS) الامطـــــار (مليمترات)

MONTH	AVERAGE RAINFALL	MAXIMUM RAINFALL IN 24 HOURS	DAY	YEAR	AVERAGE NUMBER OF DAYS OF RAINFALL ≥ 1 MM.	≥ 10 MMS.
JANUARY	15.8	32.1	6	1945	2.7	0.5
FEBRUARY	16.4	38.2	1	1953	2.8	0.4
MARCH	23.6	66.2	27	1955	2.7	0.6
APRIL	17.5	48.0	16	1956	2.0	0.4
MAY	5.8	24.0	5	1947	0.8	0.2
JUNE	0.0	Trace	11	1944	0.0	0.0
JULY	0.2	3.7	30	1945	0.1	0.0
AUGUST	0.0	0.5	11	1940	0.0	0.0
SEPTEMBER	0.0	Trace	22	1953	0.0	0.0
OCTOBER	0.9	3.8	13	1941	0.4	0.0
NOVEMBER	11.9	18.0	16	1944	1.9	0.6
DECEMBER	24.0	37.6	18	1941	3.9	1.0
YEAR	9.7	66.2	27/3	1955	1.4	0.3

NOTE:
Trace of rain is less than 0.05 mm.

AVERAGE NUMBER OF DAYS OF PHENOMENAS : معدل الايام التي حدثت فيها الظواهر الجوية

MONTH	RAIN	SNOW	HAIL	THUNDER	FOG	DUSTSTORM	STATE OF SKY CLEAR	STATE OF SKY CLOUDY
JANUARY	4.2	0.1	0.0	0.6	1.5	0.9	13.2	3.2
FEBRUARY	4.1	0.0	0.1	0.6	0.9	1.4	13.4	2.1
MARCH	4.4	0.0	0.1	1.6	0.1	2.4	12.3	2.2
APRIL	2.8	0.0	0.0	2.1	0.1	2.4	12.4	2.7
MAY	1.4	0.0	0.0	1.4	0.0	2.1	16.1	1.1
JUNE	0.0	0.0	0.0	0.0	0.0	0.8	28.5	0.0
JULY	0.1	0.0	0.0	0.0	0.0	1.1	29.5	0.0
AUGUST	0.1	0.0	0.0	0.1	0.0	0.5	29.2	0.0
SEPTEMBER	0.0	0.0	0.0	0.0	0.0	0.2	28.6	0.0
OCTOBER	0.5	0.0	0.0	0.3	0.0	0.8	20.8	1.2
NOVEMBER	2.9	0.0	0.0	1.0	0.4	0.4	13.1	2.0
DECEMBER	5.2	0.1	0.0	0.8	1.6	0.4	12.5	3.9
YEARLY MEANS	2.1	0.0	0.0	0.7	0.4	1.1	19.1	1.5

WIND - FREQUENCY FROM SPECIFIED DIRECTIONS (AVERAGE) SURFACE معدل الرياح السطحي

TIME - 0000 G.M.T. (No. of years 12)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	3.2	1.2	2.8	3.9	1.3	0.9	6.4	4.3	7.2	5.3
FEBRUARY	3.0	1.2	3.8	3.8	1.6	1.3	5.8	2.9	4.6	6.7
MARCH	5.3	3.3	3.3	3.3	1.7	1.3	4.3	3.7	4.9	6.4
APRIL	5.6	3.6	3.5	2.8	1.5	0.7	5.0	2.5	4.8	6.3
MAY	8.4	1.6	1.7	1.7	1.0	1.7	5.0	4.4	4.7	6.6
JUNE	11.0	1.3	0.5	0.3	0.6	0.3	5.8	7.5	2.8	7.8
JULY	7.8	0.8	0.1	0.2	0.3	0.8	10.8	7.5	2.9	7.8
AUGUST	8.7	0.7	0.5	0.1	0.1	0.3	10.6	0.2	2.1	6.9
SEPTEMBER	11.0	1.3	0.8	0.3	0.3	0.5	6.9	5.8	3.2	6.7
OCTOBER	9.7	2.8	1.7	1.4	0.9	1.3	5.7	4.0	3.6	5.7
NOVEMBER	6.3	1.5	2.7	2.9	0.5	0.3	5.4	3.7	6.7	4.9
DECEMBER	3.9	1.8	3.2	3.3	1.4	0.5	6.1	4.2	6.8	5.1
YEARLY MEANS	7.0	1.8	2.1	2.0	0.9	0.8	6.5	4.2	4.5	6.4

TIME - 0300 G.M.T. (No. of years 17)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	3.0	1.2	3.5	3.4	1.8	1.1	7.6	4.3	5.2	5.5
FEBRUARY	3.4	1.0	4.0	3.2	1.6	1.1	6.4	3.2	4.5	6.8
MARCH	4.3	1.8	3.4	3.1	1.8	1.2	6.1	4.7	4.7	6.4
APRIL	4.7	2.1	3.4	3.0	1.6	0.9	5.2	4.2	4.9	5.8
MAY	6.5	2.1	1.6	1.2	1.1	1.4	6.7	6.2	4.4	5.8
JUNE	7.7	0.5	0.2	0.1	0.2	0.8	9.1	9.2	2.4	6.7
JULY	5.3	0.2	0.2	0.1	0.2	0.4	13.2	9.0	2.4	7.1
AUGUST	6.0	0.4	0.4	0.1	0.3	0.4	12.2	9.4	2.0	6.2
SEPTEMBER	7.0	0.8	0.6	0.3	0.4	0.9	8.9	8.1	2.9	5.6
OCTOBER	6.2	1.6	1.6	1.0	0.9	1.1	7.6	6.4	4.6	5.3
NOVEMBER	4.2	1.7	3.1	2.1	0.7	0.4	6.8	5.7	5.4	4.7
DECEMBER	3.1	0.9	3.4	2.5	1.3	1.3	8.7	3.7	6.1	5.3
YEARLY MEANS	5.1	1.2	2.0	1.7	1.0	0.9	8.2	6.2	4.1	5.9

TIME - 0600 G.M.T. (No. of years 17)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	3.0	0.9	2.8	2.9	1.7	1.8	8.9	4.6	4.4	7.1
FEBRUARY	2.7	0.4	2.8	4.1	1.9	1.9	7.2	4.1	3.2	8.4
MARCH	4.2	2.2	2.9	3.5	1.9	1.9	6.2	5.3	2.9	8.6
APRIL	5.7	1.8	2.4	3.2	2.2	2.0	5.5	5.1	2.1	8.1
MAY	7.1	1.4	1.2	1.1	1.8	2.0	6.9	7.7	1.8	8.5
JUNE	8.9	0.2	0.2	0.2	0.2	0.7	7.4	10.7	1.6	9.5
JULY	7.5	0.1	0.3	0.2	0.1	0.2	8.7	13.2	0.7	10.5
AUGUST	8.2	0.2	0.6	0.1	0.3	0.5	8.6	11.9	0.6	9.4
SEPTEMBER	7.6	0.7	0.2	0.5	0.7	1.0	7.8	9.8	1.6	7.6
OCTOBER	7.9	1.4	1.3	1.4	1.5	1.4	6.2	7.3	2.6	6.4
NOVEMBER	4.8	0.8	2.1	3.1	1.3	1.1	7.6	6.1	3.4	6.4
DECEMBER	3.4	0.8	2.7	3.2	1.1	1.7	8.2	5.2	4.8	6.2
YEARLY	5.9	0.9	1.6	2.0	1.2	1.4	7.4	7.6	2.5	8.1

TIME - 0900 G.M.T. (No. of years 6)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	4.8	0.2	3.2	3.3	1.2	1.5	11.2	3.0	2.7	8.7
FEBRUARY	3.3	0.7	2.5	3.7	3.5	1.2	8.7	2.2	2.7	9.8
MARCH	5.8	1.2	2.0	2.7	2.3	1.5	8.5	3.7	3.3	9.7
APRIL	5.0	1.0	2.5	2.3	3.7	1.7	8.2	3.0	1.2	9.7
MAY	9.3	1.0	0.8	1.0	0.7	1.0	11.0	3.5	2.7	9.8
JUNE	12.0	0.0	0.0	0.0	0.2	0.4	12.4	4.0	1.0	11.8
JULY	10.0	0.0	0.0	0.0	0.2	0.2	16.2	2.2	2.2	9.8
AUGUST	11.5	0.0	1.0	0.3	0.8	0.3	10.3	6.2	0.5	11.0
SEPTEMBER	10.5	0.7	0.5	0.5	0.8	1.0	9.2	4.3	2.5	8.6
OCTOBER	10.0	0.7	0.9	1.0	2.0	1.3	5.9	4.6	4.7	7.0
NOVEMBER	8.9	0.7	1.7	2.0	2.7	1.7	4.8	4.0	3.6	7.7
DECEMBER	4.9	0.9	2.6	3.1	1.3	1.9	9.0	3.1	4.4	7.3
YEARLY	8.0	0.6	1.5	1.7	1.6	1.1	9.6	3.7	2.6	9.2

WIND - FREQUENCY FROM SPECIFIED DIRECTIONS (AVERAGE) SURFACE معدل الرياح السطحي

	TIME - 1200 G.M.T. (No. of years - 17)										TIME - 1500 G.M.T. (No. of years - 6)									
MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	4.4	1.1	2.4	3.9	1.5	1.5	7.5	6.2	2.5	9.3	5.2	0.7	3.5	4.0	0.5	0.2	8.0	4.0	5.0	5.8
FEBRUARY	4.1	1.2	2.2	4.1	1.7	1.1	6.6	5.3	2.0	9.9	4.3	1.0	4.8	3.0	1.5	0.3	5.0	3.3	5.0	6.3
MARCH	5.6	0.9	2.3	3.9	1.9	1.1	7.4	6.2	1.6	10.5	8.0	0.8	3.5	2.5	0.5	0.8	7.5	4.0	3.3	7.0
APRIL	5.8	1.2	1.9	2.8	1.8	1.1	7.0	6.1	2.2	9.2	8.0	1.7	3.2	2.8	1.2	0.3	5.5	3.7	3.7	7.7
MAY	6.2	0.6	0.8	0.8	1.3	1.6	10.1	8.4	1.1	10.3	10.8	0.5	0.7	0.7	0.8	0.5	9.2	5.3	2.5	7.5
JUNE	6.4	0.3	0.1	0.1	0.3	0.8	10.6	10.4	1.0	11.8	13.6	0.0	0.0	0.0	0.0	0.0	9.0	6.2	1.2	9.0
JULY	4.8	0.1	0.1	0.2	0.4	0.9	13.6	10.1	0.7	12.0	9.2	0.2	0.3	0.0	0.0	0.2	14.3	5.8	1.0	8.2
AUGUST	6.8	0.0	0.5	0.0	0.4	0.9	10.1	11.4	1.0	11.3	10.0	0.3	0.8	0.2	0.2	0.2	9.2	7.5	2.7	6.8
SEPTEMBER	8.5	0.4	0.3	0.3	0.4	0.8	7.7	10.1	1.6	8.4	11.0	0.0	0.5	0.3	0.2	0.2	9.2	4.0	4.7	5.7
OCTOBER	8.4	0.6	1.1	1.7	1.8	1.7	5.6	7.9	1.9	8.2	8.9	0.4	2.0	1.0	0.4	0.1	6.3	4.3	7.6	3.0
NOVEMBER	7.0	0.9	2.6	3.0	1.3	1.1	5.0	6.7	2.4	6.7	8.4	0.6	3.1	2.3	0.1	0.1	6.3	2.7	6.3	4.7
DECEMBER	5.5	0.8	3.2	3.4	1.5	0.8	6.1	6.3	3.2	6.9	4.9	1.6	3.0	2.6	0.9	0.6	8.9	2.1	6.6	5.3
YEARLY MEANS	6.1	0.7	1.5	2.0	1.2	1.1	8.1	7.9	1.8	9.5	8.5	0.7	2.1	1.6	0.5	0.3	8.2	4.4	4.1	6.4

	TIME - 1800 G.M.T. (No. of years - 12)										TIME - 2100 G.M.T. (No. of years - 5)									
MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	3.4	0.4	2.9	4.3	1.2	0.8	5.9	4.8	7.3	5.4	5.2	1.6	4.0	2.6	1.0	0.4	8.2	2.0	6.0	6.0
FEBRUARY	3.9	1.6	4.5	4.0	0.6	0.6	3.8	3.6	4.8	6.8	5.0	1.8	5.6	3.4	1.2	0.4	5.4	1.8	3.6	7.2
MARCH	7.3	3.0	4.2	3.6	0.8	0.8	2.9	2.9	5.8	6.1	6.0	2.0	5.2	1.6	1.6	0.8	4.2	2.2	6.4	7.2
APRIL	7.9	3.3	4.0	4.0	0.4	0.3	3.4	2.4	4.2	6.5	6.8	1.6	6.6	3.8	0.8	0.2	5.2	1.8	3.0	8.2
MAY	8.4	2.6	2.2	1.6	0.8	0.7	4.7	4.6	5.5	5.5	8.4	2.0	2.6	1.0	1.0	0.8	9.0	2.0	4.2	6.2
JUNE	8.5	0.9	0.6	0.2	0.3	0.3	7.3	8.5	3.6	5.5	11.6	0.8	0.8	0.0	0.2	0.2	8.6	4.0	3.8	6.6
JULY	6.1	0.5	0.3	0.2	0.2	0.1	9.4	7.9	6.4	4.8	6.8	0.0	0.6	0.0	0.2	0.4	15.2	2.8	5.0	5.4
AUGUST	6.3	0.8	0.9	0.1	0.1	0.2	7.9	9.8	5.1	4.8	9.4	0.0	1.2	0.0	0.2	0.2	12.6	3.8	3.6	6.2
SEPTEMBER	10.8	1.2	0.8	0.3	0.3	0.3	5.3	7.5	3.6	5.1	12.6	1.2	1.4	0.0	0.6	0.0	9.0	1.8	3.4	6.0
OCTOBER	9.7	2.6	2.4	2.4	0.3	0.3	4.4	5.0	3.8	5.3	7.8	1.4	2.6	2.8	0.6	0.0	7.8	3.2	4.8	5.4
NOVEMBER	7.8	1.8	3.1	3.0	0.7	0.3	4.5	4.5	4.4	5.2	9.8	2.0	2.8	2.4	1.0	0.4	4.4	2.6	4.6	5.8
DECEMBER	4.8	1.3	2.9	3.1	1.2	1.6	6.0	4.3	5.8	5.2	4.0	1.0	3.8	2.4	0.8	1.4	8.8	2.4	6.4	5.2
YEARLY MEANS	7.1	1.7	2.4	2.2	0.6	0.5	5.5	5.5	5.0	5.5	7.8	1.3	3.7	1.7	0.8	0.4	8.2	2.5	4.0	6.3

AVERAGE TEMPERATURES & THEIR RECORDS IN (CENTIGRADE) معدل درجات الحرارة (سنتغراد)

MONTH	TIME - G.M.T. 0000	0300	0600	0900	1200	1500	1800	2100	MEAN	MEAN MAX.	MEAN MIN.	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
JANUARY	8.0	6.7	9.5	16.1	16.4	14.2	10.5	9.5	11.4	17.9	5.3	26.6	28	1947	- 7.2	8	1942
FEBRUARY	9.8	8.8	12.2	19.3	19.9	17.6	13.3	12.5	14.2	20.6	7.6	32.2	22	1952	- 3.9	9	1950
MARCH	13.0	11.9	16.9	22.5	23.3	21.4	17.4	19.9	18.3	24.1	10.8	35.0	27	1942	0.5	18	1948
APRIL	18.5	17.5	23.8	29.6	29.8	18.0	22.9	20.8	22.6	30.8	16.4	42.8	28	1942	3.6	2	1956
MAY	23.7	23.6	29.9	34.5	35.1	33.2	28.4	25.3	29.2	36.9	22.4	45.7	31	1955	11.6	1	1948
JUNE	27.4	26.6	32.2	37.6	38.7	36.8	32.0	29.3	32.6	39.8	24.9	48.3	26&27	1955	18.3	13&26	1943
JULY	28.1	26.7	33.6	40.2	41.3	39.6	33.2	31.2	34.2	42.7	25.4	48.9	29&30	1951	20.0	15	1952
AUGUST	28.1	25.7	34.2	42.4	43.0	39.8	33.2	30.6	34.6	44.1	24.6	49.4	15	1951	16.1	24	1946
SEPTEMBER	24.1	22.4	31.7	40.6	40.8	36.3	30.1	26.9	31.6	41.6	21.4	48.9	6	1940	13.9	23	1940
OCTOBER	19.5	17.7	26.0	34.0	34.7	29.0	24.6	21.1	25.6	35.6	16.4	43.9	1	1951	7.8	15,19&30	1948
NOVEMBER	14.1	13.0	18.1	24.4	25.6	20.5	17.9	15.6	18.7	26.6	11.7	36.7	1&2	1942	0.7	30	1953
DECEMBER	9.4	8.5	11.4	16.5	18.2	14.3	12.1	10.8	12.7	18.7	7.2	28.2	5	1956	- 5.0	6	1941
YEAR	18.6	17.4	23.3	29.8	30.6	26.7	22.9	21.1	23.8	31.6	16.2	49.4	15/8	1951	- 7.2	8/1	1942

AVERAGE PRESSURE & ITS RECORDS IN (MILLIBARS) AT M.S.L. معدل الضغط الجوي على سطح البحر

MONTH	0000	0300	0600	0900	1200	1500	1800	2100	MEAN	HIGHEST PRESSURE	DATE	TIME GMT.	LOWEST PRESSURE	DATE	TIME GMT.
JANUARY	1018.4	1018.8	1020.0	1018.8	1017.7	1018.0	1018.6	1019.3	1018.7	1035.9	7/42	0600	1002.9	13/56	1200
FEBRUARY	1015.9	1016.6	1018.1	1017.6	1015.6	1015.5	1017.0	1016.4	1016.6	1033.3	8/50	0600	998.1	28/56	2100
MARCH	1013.9	1014.2	1015.6	1014.4	1013.2	1012.7	1014.2	1012.4	1014.2	1027.1	9/53	0600	1001.0	1/52	1200
APRIL	1010.7	1011.3	1012.6	1011.4	1010.2	1009.3	1011.2	1010.8	1010.9	1025.9	1/56	2100	999.4	29/56	1200
MAY	1007.0	1007.4	1008.5	1008.2	1006.6	1006.4	1007.4	1007.7	1007.4	1018.3	1/48	0600	997.2	31/48	0000
JUNE	1001.5	1002.0	1002.9	1002.2	1001.5	1000.8	1001.7	1001.1	1001.7	1012.4	8/42	1800	993.6	27/42	1300
JULY	997.5	998.0	998.7	998.3	997.3	997.0	997.5	997.3	997.7	1006.5	10/47	0600	991.3	22/56	1500
AUGUST	999.0	999.7	1000.5	999.9	998.7	998.5	999.4	999.1	999.4	1008.1	31/53	0600	992.1	3/54	2100
SEPTEMBER	1004.6	1005.5	1006.5	1005.5	1004.5	1004.2	1005.4	1004.6	1005.1	1013.1	28/52	0600	995.1	8/48	0600
OCTOBER	1012.1	1012.7	1013.8	1012.4	1011.5	1010.9	1012.4	1012.1	1012.2	1022.5	29/47	0600	1003.2	1/54	0000
NOVEMBER	1016.8	1016.7	1018.0	1017.1	1015.5	1016.2	1016.7	1017.1	1016.8	1028.6	23/53	0600	1006.2	7/44	1200
DECEMBER	1019.2	1019.3	1020.6	1019.9	1018.3	1019.1	1019.3	1019.0	1019.3	1030.5	12&13/56	0600	1006.8	24/47	0000
YEAR	1009.7	1010.2	1011.3	1010.5	1009.2	1009.1	1010.1	1009.8	1010.0	1035.9	7/1/42	0600	991.3	22/7/56	1500

AVERAGE RELATIVE HUMIDITY IN (%) معدل الرطوبة النسبية

MONTH	0000	0300	0600	0900	1200	1500	1800	2100	MEAN
JANUARY	81	79	73	55	46	61	70	78	67
FEBRUARY	70	75	64	44	39	51	61	68	61
MARCH	68	71	55	35	34	40	56	62	54
APRIL	61	63	44	28	27	34	46	53	46
MAY	49	52	37	24	25	30	56	44	40
JUNE	45	46	36	24	25	28	41	39	38
JULY	42	43	32	21	21	25	35	42	34
AUGUST	38	39	27	18	16	23	32	40	29
SEPTEMBER	37	40	25	15	14	23	31	34	28
OCTOBER	45	48	33	20	20	30	39	41	35
NOVEMBER	64	65	53	39	34	49	57	60	52
DECEMBER	81	80	73	59	50	68	74	82	69
YEARLY MEANS	57	58	46	32	29	39	50	54	46

AVERAGE VAPOUR PRESSURE IN (Mbs.) معدل ضغط البخار

MONTH	0000	0300	0600	0900	1200	1500	1800	2100	MEAN
JANUARY	9.0	8.3	8.9	10.1	9.0	10.1	9.1	9.4	9.2
FEBRUARY	8.9	8.7	9.4	9.8	8.8	10.3	9.2	10.0	9.4
MARCH	10.5	10.1	10.6	9.4	9.5	10.0	10.8	10.6	10.2
APRIL	13.5	12.6	12.0	10.6	11.3	12.2	13.3	13.1	12.3
MAY	15.0	15.2	14.9	12.8	13.9	15.2	16.9	14.1	14.8
JUNE	16.4	16.2	17.8	15.2	16.4	17.0	19.6	15.6	16.8
JULY	16.0	14.9	16.5	15.6	16.1	17.2	18.2	18.9	16.7
AUGUST	14.5	13.3	14.4	14.5	13.9	16.7	16.0	17.5	15.1
SEPTEMBER	11.6	10.9	11.8	11.0	10.5	13.6	13.0	12.0	11.8
OCTOBER	10.1	10.0	10.8	10.2	10.4	11.6	11.9	10.4	10.7
NOVEMBER	10.5	10.2	11.1	11.2	10.7	11.7	11.5	11.2	11.0
DECEMBER	9.9	9.2	10.0	11.0	10.5	11.3	10.7	11.0	10.5
YEARLY MEANS	12.2	11.6	12.4	11.8	11.8	13.1	13.4	12.8	12.4

AVERAGE LOW CLOUD IN (OKTAS) (بالاثمان) معدل كميات الغيوم الواطئة

MONTH	0000	0300	0600	0900	1200	1500	1800	2100	MEAN
JANUARY	1.3	1.3	1.4	1.1	1.6	1.0	0.9	1.1	1.2
FEBRUARY	0.9	1.2	1.1	1.1	1.5	1.3	0.6	1.1	1.1
MARCH	0.9	1.0	1.1	1.2	1.7	1.5	1.0	0.5	1.1
APRIL	0.9	1.1	0.9	1.4	1.4	1.3	0.8	0.8	1.1
MAY	0.7	0.7	0.5	0.4	0.9	0.9	0.6	0.3	0.4
JUNE	0.0	0.1	0.2	1.1	0.7	0.8	0.1	0.0	0.4
JULY	0.0	0.1	0.6	1.1	0.7	0.6	0.1	0.0	0.4
AUGUST	0.0	0.1	0.2	0.5	0.4	0.6	0.1	0.0	0.2
SEPTEMBER	0.0	0.0	0.0	0.1	0.2	0.2	0.1	0.3	0.1
OCTOBER	0.1	0.4	0.3	0.2	0.3	0.2	0.2	0.3	0.3
NOVEMBER	0.9	1.3	1.3	1.1	1.4	1.4	1.0	0.8	1.2
DECEMBER	1.4	1.8	1.7	1.7	1.8	1.7	1.2	1.9	1.7
YEARLY MEANS	0.6	0.8	0.8	0.9	1.1	1.0	0.6	0.6	0.8

AVERAGE TOTAL CLOUD IN (OKTAS) (بالاثمان) معدل كميات الغيوم

MONTH	0000	0300	0600	0900	1200	1500	1800	2100	MEAN
JANUARY	2.3	2.6	3.1	2.9	3.3	2.7	2.1	1.6	2.6
FEBRUARY	1.9	2.5	2.7	3.1	3.2	3.1	1.7	2.2	2.6
MARCH	2.2	2.8	3.1	3.4	3.5	3.5	2.4	2.1	2.9
APRIL	2.0	3.0	3.0	3.0	3.4	3.3	2.2	2.1	2.8
MAY	1.2	2.1	2.0	1.8	2.8	2.5	1.5	0.9	1.2
JUNE	0.1	0.3	0.4	1.3	1.2	1.2	0.1	0.1	0.6
JULY	0.1	0.4	0.7	1.2	1.0	0.8	0.3	0.1	0.6
AUGUST	0.1	0.4	0.3	0.6	0.5	0.8	0.1	0.1	0.4
SEPTEMBER	0.1	0.3	0.2	0.4	0.4	0.5	0.2	0.1	0.3
OCTOBER	0.5	1.3	1.3	0.9	1.4	1.3	0.8	0.8	1.0
NOVEMBER	2.0	2.6	3.0	3.0	3.4	3.0	2.0	2.2	2.7
DECEMBER	2.5	3.2	3.5	3.4	3.9	3.4	2.4	3.2	3.2
YEARLY MEANS	1.3	1.8	1.9	2.1	2.3	2.2	1.3	1.3	1.7

RAINFALL IN (MILLIMETERS) سقوط الامطار (مليمترات)

MONTH	AVERAGE RAINFALL	MAXIMUM RAINFALL IN 24 HOURS	DAY	YEAR	AVERAGE NUMBER OF DAYS OF RAINFALL ≥ 1 MM.	≥ 10 MMS.
JANUARY	15.4	26.0	7	1951	2.8	0.3
FEBRUARY	12.6	21.8	23	1956	2.0	0.4
MARCH	21.1	35.6	14	1946	3.1	0.5
APRIL	15.7	25.5	7	1946	1.9	0.4
MAY	5.5	40.2	15	1945	0.7	0.1
JUNE	0.0	Trace	2	1951	0.0	0.0
JULY	0.0	Trace	30	1954	0.0	0.0
AUGUST	0.0	0.0	-	-	0.0	0.0
SEPTEMBER	0.0	0.2	7	1951	0.0	0.0
OCTOBER	1.5	8.5	31	1954	0.5	0.0
NOVEMBER	21.8	47.2	26	1950	2.8	0.5
DECEMBER	27.9	22.8	22	1952	4.4	0.8
YEAR	10.1	47.2	26/11	1950	1.5	0.3

NOTE: Trace is less than 0.05 mm

AVERAGE NUMBER OF DAYS OF PHENOMENAS معدل الايام التي حدثت فيها الظواهر الجوية

MONTH	RAIN	SNOW	HAIL	THUNDER	FOG	DUSTSTORM	STATE OF SKY CLEAR	CLOUDY
JANUARY	4.6	0.0	0.1	0.9	1.1	1.3	13.9	3.1
FEBRUARY	3.0	0.0	0.0	0.6	0.6	1.7	13.1	1.6
MARCH	5.2	0.1	0.1	1.8	0.1	1.8	13.4	2.2
APRIL	3.8	0.0	0.1	1.8	0.2	2.2	12.6	2.4
MAY	1.3	0.0	0.0	1.2	0.0	3.6	16.0	1.4
JUNE	0.0	0.0	0.0	0.0	0.0	4.9	26.2	0.2
JULY	0.0	0.0	0.0	0.0	0.0	7.1	27.4	0.3
AUGUST	0.0	0.0	0.0	0.0	0.0	3.4	28.2	0.0
SEPTEMBER	0.1	0.0	0.0	0.1	0.0	1.6	28.4	0.0
OCTOBER	0.9	0.0	0.0	0.6	0.0	0.7	24.0	0.4
NOVEMBER	3.8	0.0	0.0	1.3	0.8	0.6	14.9	2.2
DECEMBER	6.1	0.0	0.0	0.8	1.9	0.4	13.2	3.6
YEARLY MEANS	2.4	0.0	0.0	0.8	0.4	2.4	19.3	1.5

NASIRIYA

WIND - FREQUENCY FROM SPECIFIED DIRECTIONS (AVERAGE) SURFACE - معدل الريـــــح السطحـــــي

TIME - 0000 G.M.T. (No. of years 11)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	2.8	1.2	3.9	4.1	1.8	1.7	4.1	9.8	1.6	6.5
FEBRUARY	3.0	0.9	3.5	4.5	2.5	1.0	3.4	8.5	1.0	6.5
MARCH	5.0	1.9	3.4	5.0	3.7	0.9	3.4	6.7	1.0	6.5
APRIL	4.3	1.5	3.2	4.6	3.1	1.0	4.7	5.5	2.0	6.9
MAY	6.8	1.6	1.5	2.9	2.0	2.5	3.1	8.9	1.6	7.5
JUNE	5.5	1.1	0.1	0.0	0.8	1.0	3.8	16.5	1.3	9.4
JULY	2.8	0.4	0.5	0.5	1.4	1.2	6.5	16.3	1.5	7.7
AUGUST	3.7	0.1	0.4	0.5	1.4	0.7	5.0	18.5	0.7	7.7
SEPTEMBER	6.6	0.6	0.5	0.7	1.7	0.5	3.0	15.6	0.8	7.4
OCTOBER	4.9	1.3	1.3	3.1	2.6	1.8	3.8	10.6	1.6	6.5
NOVEMBER	4.6	1.6	2.3	4.1	3.3	1.7	3.4	8.0	1.0	6.0
DECEMBER	4.7	1.0	2.3	4.2	2.2	1.1	5.1	8.5	2.1	5.6
YEARLY MEANS	4.6	1.1	1.9	2.9	2.2	1.3	4.1	11.1	1.4	7.0

TIME - 0300 G.M.T. (No. of years 17)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	1.7	1.5	3.3	3.1	2.7	1.2	7.1	6.9	3.6	6.5
FEBRUARY	2.1	0.5	4.1	3.4	2.0	1.8	5.6	6.1	2.7	6.7
MARCH	3.3	1.4	3.1	4.1	3.1	2.4	4.7	6.6	2.3	6.4
APRIL	3.4	1.4	3.6	3.1	3.0	1.6	3.9	6.2	3.8	6.1
MAY	6.1	1.1	1.5	1.8	1.9	1.8	5.2	8.9	2.8	6.7
JUNE	5.1	0.1	0.2	0.1	0.8	1.3	7.5	13.6	1.3	8.6
JULY	2.1	0.2	0.2	0.2	1.0	1.4	9.8	14.8	1.2	8.6
AUGUST	2.9	0.1	0.6	0.4	0.8	2.0	7.8	14.5	1.8	7.2
SEPTEMBER	3.1	0.2	0.4	0.8	1.3	1.9	7.2	12.6	2.4	6.4
OCTOBER	3.5	0.6	1.5	2.0	2.9	2.4	6.8	8.5	2.7	5.8
NOVEMBER	3.1	1.2	2.5	2.6	2.1	2.5	6.5	6.8	2.6	5.6
DECEMBER	2.5	0.9	3.2	3.4	2.1	2.4	6.4	7.3	2.8	5.9
YEARLY MEANS	3.2	0.8	2.0	2.1	1.9	1.9	6.5	9.2	2.5	6.7

TIME - 0600 G.M.T. (No. of years 17)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	1.4	0.7	1.9	3.6	2.5	2.1	7.3	9.4	2.1	7.2
FEBRUARY	1.4	0.5	2.7	4.2	2.5	2.1	5.8	7.2	1.9	7.9
MARCH	3.3	1.5	2.8	3.3	3.2	1.9	5.5	8.0	1.5	8.3
APRIL	3.6	1.2	3.2	3.3	2.8	1.5	5.3	7.2	1.8	8.0
MAY	4.5	1.8	2.1	1.6	1.9	1.6	4.2	12.8	1.5	8.6
JUNE	2.8	0.1	0.3	0.3	0.4	0.4	5.2	19.9	0.6	10.4
JULY	2.6	0.2	0.2	0.4	0.2	0.4	7.0	19.5	0.4	10.2
AUGUST	4.1	0.8	0.2	0.4	0.6	0.5	5.9	17.6	1.0	8.9
SEPTEMBER	4.1	0.2	0.3	0.4	1.5	1.1	5.3	15.5	1.6	8.4
OCTOBER	3.8	0.5	1.4	2.1	3.0	1.9	6.0	10.6	1.8	6.8
NOVEMBER	2.5	0.9	2.2	3.2	2.7	1.9	6.3	9.0	1.3	6.6
DECEMBER	1.4	0.7	2.5	3.9	2.8	2.1	7.2	8.7	1.8	6.9
YEARLY MEANS	3.0	0.7	1.7	2.2	2.0	1.5	5.9	12.1	1.4	8.2

TIME - 0900 G.M.T. (No. of years 6)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	3.7	0.3	2.5	3.7	2.3	1.7	9.0	7.8	0.0	9.2
FEBRUARY	3.3	0.5	3.0	5.0	2.8	0.8	4.3	8.5	0.0	10.0
MARCH	5.8	1.0	3.3	4.6	2.8	1.2	5.5	6.7	0.0	10.3
APRIL	5.8	0.3	3.2	5.2	2.2	1.3	4.7	7.3	0.0	11.0
MAY	8.0	0.0	2.5	1.2	0.5	0.7	2.0	16.2	0.0	11.2
JUNE	7.3	0.0	0.7	0.2	0.3	0.0	2.3	19.2	0.0	13.0
JULY	6.8	0.0	1.5	0.7	0.2	0.0	2.3	19.5	0.0	11.8
AUGUST	10.7	0.2	2.2	0.3	0.8	0.2	1.3	15.3	0.0	11.8
SEPTEMBER	9.7	0.2	1.5	1.0	0.8	0.8	2.3	13.7	0.0	10.8
OCTOBER	6.3	0.9	2.1	1.4	2.3	1.4	3.3	12.9	0.4	9.3
NOVEMBER	4.7	1.3	2.4	3.3	2.9	1.0	4.7	9.7	0.0	8.6
DECEMBER	3.5	0.8	2.3	4.5	3.0	1.7	6.8	8.2	0.2	8.3
YEARLY MEANS	6.3	0.5	2.3	2.6	1.7	0.9	4.0	12.1	0.1	10.9

WIND - FREQUENCY FROM SPECIFIED DIRECTIONS (AVERAGE) SURFACE معدل الرياح السطحي

TIME - 1200 G.M.T. (No. of years - 17)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	3.4	0.9	3.2	2.6	2.1	1.2	5.0	11.0	1.6	8.9
FEBRUARY	3.5	0.9	3.5	3.6	1.5	0.8	4.9	8.5	1.2	10.2
MARCH	5.4	1.7	4.3	2.9	1.8	1.1	4.5	8.6	0.8	10.7
APRIL	5.9	1.2	5.6	3.2	0.6	0.2	3.8	8.5	0.9	10.2
MAY	4.5	0.9	3.9	1.0	0.4	0.3	3.4	13.9	1.8	10.5
JUNE	4.3	0.2	0.9	0.2	0.1	0.0	4.6	19.1	0.6	12.5
JULY	3.6	0.1	1.0	0.6	0.1	0.0	5.3	19.6	0.7	12.5
AUGUST	5.8	0.2	1.2	0.6	0.5	0.2	3.5	17.9	1.1	11.2
SEPTEMBER	7.2	0.3	1.5	0.8	0.4	0.4	3.2	14.8	1.4	10.4
OCTOBER	8.6	0.9	3.1	2.0	1.1	0.4	2.5	10.8	1.5	8.2
NOVEMBER	5.6	0.5	4.5	2.1	1.9	0.3	2.9	10.5	1.6	7.7
DECEMBER	3.9	0.8	4.2	3.2	1.8	0.7	5.2	9.6	1.5	7.1
YEARLY MEANS	5.1	0.7	3.1	2.0	1.0	0.5	4.1	12.7	1.2	10.0

TIME - 1500 G.M.T. (No. of years - 6)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	7.2	0.8	6.2	1.5	0.7	0.2	6.0	7.8	0.7	6.7
FEBRUARY	6.5	1.5	6.5	2.8	1.0	0.2	3.0	6.2	0.7	7.0
MARCH	8.0	2.7	4.8	3.5	1.2	0.3	2.8	7.7	0.0	9.7
APRIL	7.2	2.2	7.2	4.2	0.7	0.3	3.0	5.3	0.0	9.5
MAY	7.3	0.7	2.8	2.5	0.3	0.2	4.8	12.2	0.2	9.7
JUNE	7.2	0.3	1.3	1.0	0.0	0.0	5.3	14.8	0.0	11.3
JULY	6.2	0.0	2.2	1.2	0.3	0.0	9.2	12.0	0.0	10.5
AUGUST	8.8	0.3	2.8	1.7	0.2	0.0	4.5	12.7	0.0	9.0
SEPTEMBER	10.7	1.2	2.7	1.2	0.5	0.0	3.2	10.2	0.5	7.3
OCTOBER	8.7	2.0	3.9	2.9	0.7	0.0	5.0	6.3	1.6	6.3
NOVEMBER	6.7	1.0	5.1	4.3	0.7	0.4	4.7	6.9	0.1	6.7
DECEMBER	4.4	0.9	4.3	2.3	2.0	1.1	6.3	9.0	0.7	5.7
YEARLY MEANS	7.4	1.1	4.2	2.4	0.7	0.2	4.8	9.3	0.4	8.3

TIME - 1800 G.M.T. (No. of years - 15)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	2.7	1.3	3.5	4.0	1.0	1.0	3.7	10.9	2.9	5.5
FEBRUARY	3.1	1.5	3.7	5.7	1.3	0.3	1.9	8.8	2.0	5.7
MARCH	5.3	2.0	4.7	4.9	2.0	0.7	1.9	7.4	2.0	6.7
APRIL	4.9	1.9	5.2	4.9	1.0	0.9	1.4	7.1	2.8	6.6
MAY	6.2	1.3	2.8	3.7	1.2	0.4	1.5	11.4	2.5	7.2
JUNE	4.3	0.7	0.9	0.7	0.1	0.1	3.6	18.2	1.5	7.7
JULY	2.4	0.5	0.8	1.1	0.1	0.2	3.7	20.6	1.5	7.9
AUGUST	3.1	0.4	1.1	1.0	0.4	0.0	1.9	21.1	2.1	7.1
SEPTEMBER	4.9	0.9	2.2	1.3	0.1	0.3	2.1	15.7	2.5	6.0
OCTOBER	6.4	1.1	2.4	3.6	1.4	0.4	2.1	10.8	2.7	5.9
NOVEMBER	4.6	1.3	3.1	4.9	1.7	0.6	2.0	10.4	1.4	6.4
DECEMBER	3.6	1.1	3.7	3.3	2.0	1.1	3.8	10.1	2.1	5.3
YEARLY MEANS	4.3	1.3	2.8	3.3	1.0	0.5	2.5	12.3	2.2	6.5

TIME - 2100 G.M.T. (No. of years - 3)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	3.0	0.5	2.5	3.5	2.0	0.5	10.0	7.5	1.5	6.5
FEBRUARY	4.0	1.0	3.7	7.0	2.0	0.3	3.7	6.7	0.0	8.3
MARCH	7.5	1.5	4.5	4.0	4.0	0.0	1.5	8.0	0.0	8.5
APRIL	2.5	1.5	9.0	4.5	1.0	0.5	5.5	5.5	0.0	8.5
MAY	8.5	1.0	1.5	3.0	3.0	0.5	4.0	9.5	0.0	9.0
JUNE	6.5	0.0	1.5	0.0	1.0	0.0	12.0	9.0	0.0	10.0
JULY	6.0	0.3	0.3	0.7	2.7	1.7	11.7	6.7	1.0	7.3
AUGUST	6.3	0.3	0.3	2.3	2.0	0.3	6.3	11.0	2.0	7.0
SEPTEMBER	10.0	0.0	1.5	1.0	4.0	0.5	5.0	8.0	0.5	7.5
OCTOBER	5.0	0.7	1.7	3.3	4.0	0.7	6.7	7.7	1.3	7.0
NOVEMBER	7.3	1.0	2.0	4.3	3.3	0.3	6.3	4.3	1.0	7.0
DECEMBER	4.7	0.3	3.3	3.3	3.3	0.0	11.0	3.0	2.0	6.7
YEARLY MEANS	5.9	0.7	2.7	3.2	2.7	0.4	7.0	7.2	0.8	7.8

AVERAGE TEMPERATURES & THEIR RECORDS IN (CENTIGRADE) معدل درجات الحرارة (سنتغراد)

MONTH	TIME - G.M.T. 0000	0300	0600	0900	1200	1500	1800	2100	MEAN	MEAN MAX.	MEAN MIN.	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
JANUARY	9.1	9.1	11.1	16.6	17.1	14.0	11.5	10.7	12.4	18.2	7.0	27.2	3	1944	- 4.4	8	1942
FEBRUARY	10.8	10.0	13.5	19.4	19.6	16.6	13.7	13.4	14.6	20.5	9.0	30.5	28	1941	- 2.2	9	1950
MARCH	14.5	13.5	17.8	21.5	23.1	20.8	17.5	16.2	18.1	24.2	12.7	35.0	27	1944	2.2	2	1948
APRIL	19.9	18.5	24.1	29.2	28.8	26.8	23.2	22.0	24.1	30.2	17.7	43.8	25	1954	2.8	4	1944
MAY	25.5	24.8	30.2	33.9	34.6	32.4	29.1	27.0	29.7	35.7	24.1	45.6	23	1951	8.9	1	1952
JUNE	29.0	28.0	32.6	36.5	37.4	35.7	32.1	30.4	32.7	38.1	27.3	46.1	5	1951	20.5	1	1952
JULY	29.8	28.4	32.0	38.3	39.5	37.5	33.7	32.0	33.9	40.3	27.6	50.5	26	1951	22.2	15	1952
AUGUST	28.7	27.2	31.4	39.3	40.4	37.7	33.0	31.2	33.6	41.1	26.2	48.9	5	1938	20.0	29	1941
SEPTEMBER	25.2	23.5	28.8	37.4	38.4	33.9	29.4	27.9	30.6	39.2	22.4	46.6	9	1951	14.4	23	1940
OCTOBER	20.1	18.7	24.0	32.8	33.6	28.5	24.5	22.4	25.6	34.7	17.7	45.6	1	1951	6.1	6	1941
NOVEMBER	15.4	14.4	17.9	24.6	25.5	20.9	18.3	16.4	19.2	26.9	13.3	36.6	10	1939	3.3	14	1938
DECEMBER	10.5	9.9	11.9	17.0	18.5	15.0	13.0	9.0	13.1	19.6	8.6	29.4	1	1942	- 2.6	13	1956
YEAR	19.9	18.8	22.9	28.9	29.7	26.7	23.3	21.6	24.0	30.7	17.8	50.5	26/7	1951	- 4.4	8/1	1942

AVERAGE PRESSURE & ITS RECORDS : IN (MILLIBARS) AT M.S.L. معدل الضغط الجوي على سطح البحر (ملليبارات)

MONTH	0000	0300	0600	0900	1200	1500	1800	2100	MEAN	HIGHEST PRESSURE	DATE	TIME GMT.	LOWEST PRESSURE	DATE	TIME GMT.
JANUARY	1018.5	1018.4	1019.8	1018.6	1017.5	1017.9	1018.7	1018.2	1018.5	1035.1	7/42	0600	1003.1	28/40	0200
FEBRUARY	1016.6	1016.8	1018.1	1016.8	1015.9	1015.7	1017.0	1016.1	1016.6	1031.7	8/50	0600	999.8	5/51	1200
MARCH	1014.1	1014.3	1015.5	1014.3	1013.5	1013.1	1014.5	1013.7	1014.1	1026.3	3/45	0600	995.9	22/41	1300
APRIL	1011.0	1011.6	1012.7	1011.3	1010.8	1010.2	1011.5	1010.7	1011.2	1024.7	1/56	1800	999.5	13/52	1200
MAY	1006.8	1007.1	1008.1	1007.5	1006.8	1006.3	1007.1	1006.9	1007.1	1019.0	5/40	0600	999.1	31/51	2100
JUNE	1000.6	1001.1	1001.9	1001.5	1001.0	999.9	1001.0	1000.5	1000.9	1011.7	9/42	0600	992.5	26/42	1300
JULY	996.7	997.3	998.1	997.9	997.1	996.7	997.0	997.1	997.2	1004.2	23/41	0600	991.5	17/47	0000&12
AUGUST	998.6	999.0	999.9	999.5	998.6	998.2	998.6	998.6	998.9	1007.5	31/53	0600	992.4	3/54	1500
SEPTEMBER	1004.4	1005.0	1006.0	1005.1	1004.4	1004.0	1004.9	1004.4	1004.8	1013.7	21/46	0600	995.7	1/55	0300
OCTOBER	1011.7	1012.3	1013.5	1012.1	1011.5	1011.3	1012.3	1011.6	1012.0	1021.0	26/50	0600	1002.9	1/54	0000
NOVEMBER	1016.3	1016.5	1017.8	1016.9	1015.6	1016.2	1016.6	1016.5	1016.6	1027.0	23/53	0600	1004.9	26/39	1300
DECEMBER	1018.9	1019.2	1020.6	1019.6	1018.3	1018.9	1019.2	1019.3	1019.3	1030.9	27/39	0600	1007.5	30/54	1200
YEAR	1009.5	1009.9	1011.0	1010.0	1009.3	1009.0	1009.9	1009.5	1010.0	1035.1	7/1/42	0600	991.5	37/7/47	00&12

BASRAH AIR PORT — بصـــــــــــــرة

AVERAGE RELATIVE HUMIDITY IN (%) معدل الرطوبة النسبيـــــة									AVERAGE VAPOUR PRESSURE IN (Mbs.) معدل ضغط البخار								
MONTH	0000	0300	0600	0900	1200	1500	1800	2100	MEAN	0000	0300	0600	0900	1200	1500	1800	2100	MEAN
JANUARY	90	90	83	67	61	75	83	88	80	10.6	10.0	10.9	12.7	11.7	12.1	11.5	11.5	11.4
FEBRUARY	86	87	76	58	52	63	76	82	73	11.2	10.5	11.6	13.2	11.5	12.3	12.0	12.7	11.9
MARCH	79	81	66	50	48	57	69	75	66	13.1	12.7	13.8	13.8	13.4	13.8	13.9	13.8	13.5
APRIL	70	75	58	43	42	50	61	66	58	16.3	16.0	17.3	17.0	16.2	17.2	17.2	17.4	16.8
MAY	64	66	50	41	39	47	58	62	53	20.5	20.5	21.3	20.8	20.9	22.1	22.5	21.5	21.3
JUNE	56	60	49	42	39	42	55	54	50	22.4	22.7	24.2	24.7	24.8	24.8	26.2	23.7	24.2
JULY	59	59	47	39	35	43	52	58	49	24.7	23.0	24.5	26.0	25.5	27.7	27.2	27.6	25.6
AUGUST	59	59	46	36	34	44	53	58	49	23.1	21.5	24.2	25.3	25.5	28.2	26.8	26.2	25.1
SEPTEMBER	61	62	48	35	32	45	56	59	50	19.7	18.0	21.0	22.0	21.4	23.7	23.0	22.2	21.4
OCTOBER	69	69	53	38	34	50	62	67	55	16.4	15.5	18.1	18.8	18.2	19.4	19.2	18.4	18.0
NOVEMBER	81	81	66	53	49	65	75	80	69	14.5	13.8	15.5	16.3	16.3	16.2	15.9	15.1	15.5
DECEMBER	91	90	83	70	63	79	86	90	82	11.8	11.3	12.3	13.6	13.5	13.6	13.2	12.5	12.7
YEARLY MEANS	72	73	60	48	44	55	66	70	61	17.0	16.3	17.9	18.7	18.2	19.3	19.1	18.6	18.1

AVERAGE LOW CLOUD IN (OKTAS) معدل كميات الغيوم الواطئة بالاثمان									AVERAGE TOTAL CLOUD IN (OKTAS) معدل كميات الغيوم بالاثمان								
MONTH	0000	0300	0600	0900	1200	1500	1800	2100	MEAN	0000	0300	0600	0900	1200	1500	1800	2100	MEAN
JANUARY	0.7	1.2	1.8	1.0	1.6	0.8	0.7	0.3	1.0	2.3	2.9	4.0	3.1	4.0	2.7	2.2	1.9	2.9
FEBRUARY	0.6	0.9	1.3	1.1	1.4	0.9	0.5	0.2	0.9	2.2	2.7	3.5	3.6	3.7	3.1	2.1	2.0	2.9
MARCH	0.7	1.1	1.1	0.7	1.3	1.1	0.7	0.2	0.9	2.4	3.2	3.4	3.4	3.7	3.4	2.5	2.4	3.1
APRIL	0.3	1.0	0.9	0.7	1.2	1.0	0.5	0.3	0.7	2.2	3.3	3.3	3.1	3.8	3.5	2.2	2.2	3.0
MAY	0.1	0.4	0.3	0.2	0.6	0.4	0.4	0.1	0.3	1.3	2.4	2.2	1.7	2.6	2.1	1.4	0.9	1.8
JUNE	0.0	0.0	0.0	0.3	0.8	0.7	0.6	0.1	0.3	0.1	0.2	0.2	0.5	0.8	1.0	0.2	0.2	0.4
JULY	0.0	0.1	0.0	0.6	1.0	0.9	0.1	0.0	0.3	0.1	0.9	0.6	0.9	1.2	1.1	0.3	0.2	0.7
AUGUST	0.0	0.0	0.0	0.0	0.4	0.2	0.0	0.0	0.1	0.1	0.6	0.5	0.4	0.7	0.5	0.1	0.1	0.4
SEPTEMBER	0.0	0.1	0.0	0.2	0.3	0.4	0.0	0.0	0.1	0.1	0.4	0.2	0.5	0.5	0.5	0.2	0.1	0.3
OCTOBER	0.0	0.3	0.2	0.3	0.4	0.3	0.1	0.0	0.2	0.4	1.2	1.3	1.3	1.6	1.5	0.6	0.6	1.1
NOVEMBER	0.4	0.8	1.0	0.8	1.1	0.8	0.4	0.3	0.7	2.0	2.8	3.4	3.3	3.7	2.9	1.9	2.1	2.8
DECEMBER	0.7	1.2	1.9	1.5	1.7	1.0	0.8	0.7	1.2	2.5	3.3	4.3	3.8	4.2	3.5	2.6	2.7	3.4
YEARLY MEANS	0.3	0.6	0.7	0.6	1.0	0.7	0.4	0.2	0.6	1.3	2.0	2.2	2.1	2.5	2.3	1.4	1.3	1.9

RAINFALL (IN MILLIMETERS) سقوط الامطار (ملليمترات)

MONTH	AVERAGE RAINFALL	MAXIMUM RAINFALL IN 24 HOURS	DAY	YEAR	AVERAGE NUMBER OF DAYS OF RAINFALL ≥ 1 MM.	≥ 10 MMS.
JANUARY	27.1	32.5	17	1949	3.6	1.4
FEBRUARY	19.8	29.9	28	1938	3.2	0.5
MARCH	26.4	50.9	5	1946	3.2	0.7
APRIL	23.3	87.5	9	1941	2.9	0.6
MAY	6.6	35.6	8	1950	0.8	0.3
JUNE	0.0	Trace	10	1953	0.0	0.0
JULY	0.2	3.2	30	1945	0.1	0.0
AUGUST	0.0	Trace	23	1952	0.0	0.0
SEPTEMBER	0.0	0.4	12	1938	0.0	0.0
OCTOBER	0.8	4.2	31	1954	0.2	0.0
NOVEMBER	29.3	61.4	15	1940	2.1	0.9
DECEMBER	35.4	57.0	5	1954	3.9	1.2
YEAR	14.1	87.5	9/4	1941	1.7	0.5

NOTE: Trace is less than 0.05 mm.

AVERAGE NUMBER OF DAYS OF PHENOMENAS : معدل الايام التي حدثت فيها الظواهر الجوية

MONTH	RAIN	SNOW	HAIL	THUNDER	FOG	DUSTSTORM	STATE OF SKY CLEAR	CLOUDY
JANUARY	5.6	0.0	0.1	1.1	3.5	0.3	12.3	4.0
FEBRUARY	5.0	0.0	0.1	1.1	2.2	0.7	12.5	3.4
MARCH	5.1	0.0	0.4	2.4	0.6	1.1	11.4	4.7
APRIL	4.5	0.0	0.3	3.3	0.3	1.4	11.2	3.5
MAY	1.4	0.0	0.1	1.4	0.1	1.6	18.8	1.4
JUNE	0.0	0.0	0.0	0.1	0.0	3.0	27.4	0.0
JULY	0.1	0.0	0.0	0.1	0.0	3.3	26.3	0.2
AUGUST	0.0	0.0	0.0	0.0	0.0	1.9	28.2	0.1
SEPTEMBER	0.1	0.0	0.0	0.0	0.6	1.3	28.5	0.0
OCTOBER	0.4	0.0	0.0	0.5	0.9	0.7	24.1	0.4
NOVEMBER	4.2	0.0	0.1	1.4	1.3	0.4	13.0	2.9
DECEMBER	6.0	0.0	0.1	0.9	4.3	0.2	11.1	4.2
YEARLY MEANS	2.7	0.0	0.1	1.0	1.2	1.3	18.7	2.1

BASRAH AIR PORT

WIND - FREQUENCY FROM SPECIFIED DIRECTIONS (AVERAGE) SURFACE

معدل الريح السطحي

TIME - 0000 G.M.T. (No. of years - 9)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	5.1	1.0	2.5	3.3	1.9	1.0	4.9	8.3	3.1	4.9
FEBRUARY	2.8	2.3	2.3	2.6	3.0	0.6	5.8	5.3	3.8	5.3
MARCH	4.3	3.4	2.4	3.8	4.3	0.8	3.4	5.1	3.8	5.1
APRIL	6.0	3.0	2.1	2.3	2.8	1.9	4.1	4.4	3.5	5.6
MAY	5.6	2.0	1.6	1.0	2.9	1.8	4.5	7.9	3.8	6.6
JUNE	5.1	0.6	0.2	0.7	0.9	1.0	5.8	14.0	1.8	7.4
JULY	2.9	0.1	0.0	0.7	1.3	1.1	10.6	11.8	2.6	6.4
AUGUST	2.3	0.3	0.4	0.4	0.7	1.1	8.2	14.9	2.7	5.8
SEPTEMBER	2.9	0.3	0.4	0.4	1.7	1.7	6.8	12.4	3.3	5.3
OCTOBER	3.4	0.6	0.8	1.7	3.4	3.5	5.3	8.2	4.1	4.6
NOVEMBER	3.6	1.6	2.5	2.2	2.9	1.5	5.8	8.1	1.8	5.1
DECEMBER	4.2	1.7	2.6	1.9	2.0	1.8	4.9	6.8	5.1	3.9
YEARLY MEANS	4.0	1.4	1.5	1.8	2.3	1.5	5.8	8.9	3.3	5.5

TIME - 0300 G.M.T. (No. of years - 19)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	2.5	1.6	1.4	2.2	1.8	1.4	8.8	5.3	3.4	4.8
FEBRUARY	2.2	1.7	3.7	2.1	2.1	1.0	7.2	4.4	3.9	5.1
MARCH	3.3	2.3	4.1	2.6	2.4	1.5	5.4	5.0	4.4	5.8
APRIL	2.8	2.8	3.1	2.7	2.3	1.6	5.3	4.8	4.6	4.9
MAY	5.0	1.6	2.1	1.0	1.8	2.3	6.4	7.6	3.2	5.3
JUNE	2.8	0.3	0.3	0.2	0.5	1.4	10.0	12.5	1.9	7.2
JULY	1.9	0.2	0.8	0.4	0.5	1.7	14.3	8.9	2.3	5.9
AUGUST	1.5	0.4	0.4	0.9	1.1	1.7	13.8	8.2	3.1	5.3
SEPTEMBER	1.9	0.5	1.2	0.4	1.4	1.9	12.4	6.9	3.4	4.6
OCTOBER	2.4	0.9	2.2	1.3	2.7	2.2	10.2	5.2	4.0	4.2
NOVEMBER	4.2	1.7	3.1	1.9	2.1	1.5	7.9	5.2	2.5	4.7
DECEMBER	3.2	1.3	4.2	1.4	1.5	1.2	8.6	5.2	4.4	3.9
YEARLY MEANS	2.8	1.3	2.4	1.4	1.7	1.6	9.2	6.6	3.4	5.1

TIME - 0600 G.M.T. (No. of years - 19)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	1.4	1.1	3.6	2.3	2.5	1.3	10.2	5.9	2.7	5.9
FEBRUARY	1.9	1.3	2.9	2.6	2.2	1.7	7.0	5.6	3.0	6.3
MARCH	3.2	1.7	3.5	3.2	3.3	1.6	6.5	6.4	1.6	7.4
APRIL	4.1	1.7	3.2	3.4	2.9	0.8	5.8	5.9	2.2	7.1
MAY	4.6	1.6	1.9	0.4	1.7	1.2	6.5	11.3	1.8	7.2
JUNE	2.3	0.2	0.1	0.2	0.1	0.4	9.4	16.5	0.9	8.9
JULY	1.5	0.1	0.5	0.5	0.4	0.3	11.7	14.0	2.1	8.0
AUGUST	2.1	0.1	0.7	0.4	0.5	0.5	10.9	14.0	1.8	7.1
SEPTEMBER	2.9	0.4	0.8	0.5	0.8	0.8	9.6	11.9	2.2	5.7
OCTOBER	3.3	0.9	2.1	1.0	2.9	1.4	8.5	8.3	2.6	4.8
NOVEMBER	3.2	1.9	2.8	1.7	2.3	1.4	7.7	7.2	1.8	5.3
DECEMBER	2.4	1.6	3.8	1.6	2.5	1.8	9.4	5.6	2.2	5.1
YEARLY MEANS	2.7	1.0	2.2	1.5	1.8	1.1	8.6	9.4	2.1	6.6

TIME - 0900 G.M.T. (No. of years - 3)

MONTH	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	1.5	0.0	2.0	2.5	4.0	2.0	7.5	10.0	1.5	9.0
FEBRUARY	2.0	1.5	1.0	4.5	3.0	1.0	7.0	8.0	0.5	9.0
MARCH	2.5	0.5	3.0	4.0	3.0	1.0	7.0	8.0	2.0	8.0
APRIL	0.5	1.5	2.5	4.5	0.5	0.5	8.5	10.0	1.5	8.5
MAY	3.7	0.0	1.0	1.7	1.0	0.7	4.0	18.0	1.0	10.7
JUNE	2.0	0.5	0.3	0.8	0.3	0.0	5.3	20.5	0.5	11.0
JULY	1.3	0.0	0.5	1.0	0.2	0.2	4.2	21.5	2.0	8.5
AUGUST	3.8	0.0	2.5	0.8	0.5	0.3	2.0	20.3	1.0	9.5
SEPTEMBER	2.7	0.3	1.7	1.0	0.0	0.0	4.7	17.7	2.0	8.3
OCTOBER	5.0	1.0	1.0	1.6	1.8	1.0	6.6	10.8	2.2	6.8
NOVEMBER	4.0	2.0	2.0	3.0	2.2	1.2	4.4	9.6	1.6	7.2
DECEMBER	1.4	1.4	3.0	3.2	3.6	1.4	6.2	8.6	2.2	6.6
YEARLY MEANS	2.8	0.7	1.7	2.4	1.7	0.8	5.6	13.6	1.5	8.6

BASRAH AIR PORT

معدل الريـــــح السطحي

WIND - FREQUENCY FROM SPECIFIED DIRECTIONS (AVERAGE) SURFACE

MONTH	TIME - 1200 G.M.T. (No. of years - 19)										TIME - 1500 G.M.T. (No. of years - 5)									
	N	NE	E	SE	S	SW	W	NW	CALM	V.K.	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	2.6	0.8	2.4	4.0	1.6	0.4	7.9	9.7	1.6	8.1	2.0	0.4	3.0	3.4	0.8	0.2	6.8	11.2	3.2	5.6
FEBRUARY	3.0	0.3	2.2	4.2	1.3	0.3	6.9	8.6	1.1	9.4	1.8	1.2	2.0	4.6	1.4	0.2	4.8	11.0	1.4	6.8
MARCH	3.7	0.8	2.4	3.9	2.2	0.3	5.2	10.5	1.8	9.7	4.0	1.0	2.2	4.0	2.0	0.4	4.2	11.4	1.8	6.8
APRIL	4.6	1.2	2.5	4.1	0.9	0.2	4.3	11.1	1.2	9.8	5.8	2.0	0.8	4.3	1.8	0.0	2.8	9.8	3.0	6.5
MAY	4.8	1.0	1.5	0.7	0.5	0.2	5.2	16.4	0.6	9.4	4.5	1.3	1.0	1.3	0.8	0.0	4.5	14.3	3.5	5.5
JUNE	2.6	0.1	0.3	0.2	0.0	0.0	7.9	18.6	0.4	10.7	2.3	0.0	0.0	0.5	0.3	0.0	5.5	20.5	1.0	7.8
JULY	3.6	0.1	0.5	0.6	0.0	0.1	9.7	16.0	0.4	9.3	4.6	0.0	0.4	0.4	0.4	0.0	5.2	18.6	1.4	6.8
AUGUST	2.2	0.2	0.8	0.6	0.1	0.0	7.7	18.4	1.1	8.7	3.4	0.6	0.2	1.2	0.8	0.2	5.0	17.2	2.4	5.6
SEPTEMBER	3.2	0.1	0.8	0.6	0.1	0.1	6.6	17.1	1.4	7.9	3.8	0.0	0.8	0.8	0.5	0.0	5.8	16.8	1.8	4.8
OCTOBER	3.7	0.9	2.4	1.7	0.9	0.5	7.6	11.7	1.6	6.8	3.7	1.0	0.8	3.2	1.0	0.7	4.8	12.3	3.5	4.5
NOVEMBER	3.8	1.5	2.7	3.0	0.9	0.3	6.8	9.2	1.8	6.9	4.2	1.0	2.2	3.8	1.0	0.0	5.4	10.8	1.6	5.8
DECEMBER	3.5	1.1	2.6	3.2	1.9	0.5	8.1	7.8	2.3	6.6	2.2	1.7	3.3	3.5	1.5	0.7	5.5	9.7	3.0	5.0
YEARLY MEANS	3.4	0.7	1.8	2.2	0.9	0.2	7.0	12.9	1.3	8.6	3.5	0.9	1.4	2.6	1.0	0.2	5.0	13.6	2.3	6.0

MONTH	TIME - 1800 G.M.T. (No. of years - 12)										TIME - 2100 G.M.T. (No. of years - 3)									
	N	NE	E	SE	S	SW	W	NW	CALM	V.K.	N	NE	E	SE	S	SW	W	NW	CALM	V.K.
JANUARY	4.1	1.1	2.1	4.0	1.8	0.5	3.9	10.9	2.6	5.4	2.0	2.0	3.5	2.0	0.5	0.5	7.5	9.5	3.5	5.0
FEBRUARY	4.2	1.3	1.5	3.9	3.0	0.5	2.1	8.9	2.9	5.9	2.5	1.5	4.0	4.5	2.5	0.5	4.5	5.0	3.5	5.5
MARCH	7.5	2.1	2.3	4.0	3.4	1.2	2.2	5.7	2.6	6.2	4.5	2.0	1.0	3.5	3.0	0.5	3.5	7.5	5.5	4.5
APRIL	5.2	3.0	2.5	3.6	2.8	0.7	2.8	6.2	3.1	6.0	4.5	2.0	3.0	2.0	4.0	0.5	6.0	5.0	3.0	5.5
MAY	4.7	3.3	1.9	2.0	2.1	0.5	3.5	9.9	3.0	6.0	5.5	1.0	0.0	1.0	1.5	0.0	5.5	12.0	4.5	6.0
JUNE	2.8	0.6	0.3	0.7	0.3	0.1	6.2	15.6	3.5	7.7	1.7	0.7	0.0	0.3	1.7	1.3	8.0	15.7	0.7	8.7
JULY	2.8	0.3	0.2	0.7	0.9	0.1	9.8	14.2	2.1	7.5	0.3	0.0	0.0	1.3	3.3	0.7	7.0	16.0	2.3	6.3
AUGUST	3.5	0.3	0.3	0.3	1.0	0.2	7.6	14.5	3.4	6.8	1.7	0.0	0.0	1.7	3.7	0.3	3.7	17.3	2.7	6.7
SEPTEMBER	4.0	0.8	0.6	1.0	0.7	0.1	4.0	15.5	3.3	5.5	3.5	0.5	0.5	1.5	2.5	0.5	4.0	12.0	5.0	5.0
OCTOBER	5.2	1.9	1.0	3.0	3.6	1.0	4.1	8.6	2.8	5.0	5.3	0.5	0.8	1.5	2.8	1.5	4.5	9.8	4.5	4.0
NOVEMBER	4.4	2.2	2.6	3.3	2.0	0.6	4.5	8.2	2.3	5.5	2.3	1.8	2.5	3.5	1.3	0.8	4.3	11.3	2.5	5.3
DECEMBER	4.3	2.1	2.7	2.9	1.8	0.9	4.2	9.0	3.3	5.5	1.7	0.7	3.6	4.2	2.2	2.0	4.5	7.0	5.6	3.8
YEARLY MEANS	4.4	1.6	1.5	2.5	2.0	0.5	4.6	10.6	2.9	6.0	3.0	1.1	1.6	2.3	2.4	0.8	5.3	10.7	3.6	5.5

A V E R A G E RAINFALL FOR SELECTED STATIONS IN(MILLIMETERS) معدل سقوط الامطار للمحطات المنتخبة

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	YEARLY MEAN
				M	O	N	T	H	S				
ZAKHO	156.8	134.4	125.8	109.5	42.4	0.0	0.0	0.0	0.0	31.1	90.3	127.0	68.1
AMADIA	108.9	154.7	138.8	133.2	69.0	0.0	0.0	0.0	0.0	42.9	114.3	107.7	72.5
AQRA	207.6	215.9	170.1	127.2	20.2	0.0	0.0	0;0	0.0	22.9	117.9	122.8	83.7
DUHOK	101.1	120.3	111.2	69.8	37.9	0.0	0.0	0.0	0.7	10.3	56.9	108.1	51.4
SANAT	159.3	219.7	207.8	165.5	69.7	0.0	0.0	0.0	0.0	24.8	106.9	157.5	92.6
SARSANK	147.8	226.7	190.8	132.5	56.6	0.0	0.0	0.0	1.8	21.7	85.5	159.7	72.0
SINJAR	92.7	73.2	72.1	56.5	28.6	0.0	1.8	0.0	0.0	14.5	44.5	79.8	38.3
TELAAFAR	58.2	57.0	70.8	45.1	20.7	0.0	0.0	0.0	0.0	4.3	26.6	54.7	28.1
BIRUGLA	86.9	106.9	68.6	82.3	7.9	0.0	0.0	0.0	0.0	14.4	85.9	66.3	43.3
TEL-AWAINAT	79.0	43.3	55.1	49.1	7.3	0.0	0.0	0.0	0.8	4.6	30.5	67.2	28.1
QAYARA	60.4	55.8	50.5	37.2	5.1	0.0	0.0	0.0	0.0	4.6	26.7	51.5	24.3
ARBIL	104.5	84.4	80.3	64.3	29.2	0.0	0.0	0.0	0.0	7.7	49.0	74.5	41.2
RAWANDUZ	171.0	183.7	168.0	107.6	50.5	0.0	0.0	0.0	0.5	20.9	104.7	133.3	78.3
RAYAT	64.1	97.5	99.9	111.8	63.9	0.2	0.0	0.0	0.0	41.0	77.3	72.5	52.4
SHAQLAWA	161.1	243.1	178.9	125.0	53.1	0.4	0.1	0.0	1.1	8.6	77.3	145.3	82.8
SALAHADDIN	83.1	112.4	140.1	99.4	33.3	0.5	0.0	0.0	5.7	2.4	51.1	60.3	49.0
SULAIMANIYA	118.6	115.6	122.2	117.0	41.4	0.0	0.0	0.0	0.0	9.3	79.3	116.6	60.0
PENJWIN	269.3	233.4	226.8	113.5	47.7	0.0	0.0	0.0	0.0	29.2	127.6	172.6	101.7
BAKRAJO	129.4	120.9	124.3	88.6	29.5	1.1	1.1	0.0	0.6	10.8	92.0	132.8	60.9
HALABJA	151.0	153.1	135.7	85.9	36.7	0.0	0.0	0.4	0.0	38.7	81.7	131.3	67.9
CHIARTA	135.0	177.3	192.4	102.5	39.0	0.1	0.0	0.0	0.0	16.7	77.1	119.0	71.6
MIRZA RUSTAM	165.0	219.6	136.1	75.1	41.7	0.0	0.0	0.0	0.0	0.5	71.5	105.8	67.9
BINKIRD	178.2	214.3	240.0	44.0	0.0	0.0	0.0	0.0	0.0	2.0	109.7	121.4	75.8
AUSTA SHARIF	60.1	56.2	93.6	126.7	28.4	0.0	0.0	0.0	0.7	0.0	72.8	132.6	47.6
CHAMCHAMAL	134.7	97.7	106.9	55.7	28.6	0.0	0.0	0.0	0.0	4.7	41.9	85.2	46.3
DIBIS	85.9	64.8	66.5	46.3	7.8	0.0	0.0	0.0	0.1	56.7	54.2	66.2	37.4
HAWIJA	34.9	52.0	54.7	44.9	9.8	0.0	0.0	0.0	0.0	2.0	29.5	50.9	23.2
IFTIKHAR	43.9	46.9	48.0	32.7	3.6	0.0	0.0	0.0	0.0	0.3	27.5	54.8	21.5
TUZ	40.5	54.6	37.4	41.8	5.4	0.0	0.0	0.0	0.0	0.0	35.8	63.8	23.3
AL-MANSOOR	37.8	40.5	34.0	19.9	2.4	0.0	0.0	0.0	0.0	3.4	32.5	56.2	18.9
JALAWLA	35.7	51.1	39.9	25.6	6.4	0.0	0.0	0.0	0.0	2.6	23.8	49.7	19.6
MANDILY	50.0	65.8	54.3	32.7	4.3	0.0	0.0	0.0	0.0	1.4	40.1	50.9	25.0

AVERAGE RAINFALL FOR SELECTED STATIONS IN (MILLIMETERS)

معدل سقوط الامطار للمحطات المنتخبة

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	YEARLY MEAN
			M	O	N	T	H	S					
BAIJI	37.5	31.8	36.8	20.8	4.8	0.0	0.0	0.0	0.0	3.6	31.4	37.9	17.1
SAMIRRA	19.3	23.6	23.9	14.2	16.5	0.0	0.0	0.0	0.0	7.8	17.0	33.0	12.9
HILLA	24.5	16.0	11.1	17.9	3.3	0.0	0.0	0.0	0.0	0.9	13.2	23.8	9.2
HINDIYA	26.2	21.3	30.2	9.6	4.4	0.0	0.0	0.0	0.0	0.9	9.9	23.0	10.5
RAMADI	17.8	25.9	12.3	5.6	7.7	0.3	0.0	0.0	0.0	2.1	23.3	21.0	9.7
HADITHA	24.2	17.9	12.5	16.5	3.4	0.0	0.1	0.0	0.3	14.5	19.3	24.8	11.1
HIT	12.5	16.6	22.0	37.4	0.0	0.0	0.0	0.0	0.0	1.0	10.1	16.0	9.6
ANAH	20.4	24.1	22.3	21.2	2.9	0.0	0.0	0.0	0.0	3.9	10.3	26.8	11.0
T 1 (I.P.C.)	26.5	24.6	22.6	30.0	6.1	0.0	0.0	0.0	0.3	12.9	29.6	21.8	14.5
T 2 (I.P.C.)	27.0	10.8	9.0	29.8	7.5	0.0	0.0	0.0	0.0	3.8	22.7	30.3	11.7
H 1 (I.P.C.)	20.0	17.3	21.5	19.4	5.6	0.0	0.0	0.0	0.0	4.5	23.3	20.8	11.0
H 2 (I.P.C.)	13.6	10.1	18.1	12.9	12.1	0.0	0.0	0.0	0.0	6.9	19.6	25.8	9.9
H 3 (I.P.C.)	14.0	13.0	16.1	15.9	8.2	0.2	0.0	0.0	0.0	6.7	22.7	30.5	10.6
SAMAWA	26.0	25.2	12.5	6.3	1.6	0.0	0.0	0.0	0.0	1.4	31.0	30.3	11.2
KARBALAA	14.9	13.4	9.6	11.3	7.7	0.0	0.0	0.0	0.0	0.4	6.1	18.0	6.8
KUT	24.4	31.9	18.4	9.5	3.8	0.0	0.0	0.0	0.0	0.4	15.1	25.6	10.8
QALAT-SUKAR	40.2	31.9	5.5	11.1	6.8	0.0	0.0	0.0	0.0	0.2	10.5	31.3	11.5
AMARA	41.2	32.5	18.9	15.9	11.2	0.0	0.0	0.0	0.0	0.3	24.3	42.3	15.6
ALI AL GHARBI	71.4	28.1	29.7	8.9	4.4	0.0	0.0	0.0	0.0	2.1	36.6	41.2	18.5
BAD'A	27.2	19.2	14.2	9.9	3.6	0.0	0.0	0.0	0.0	0.5	14.7	27.1	9.7
UR	15.3	12.7	2.9	3.9	4.9	0.0	0.0	0.0	0.0	2.4	15.9	23.3	6.8
GHABAISHIYA	16.6	10.0	6.7	5.2	0.6	0.0	0.0	0.0	0.0	0.8	15.8	23.5	6.6
MAQIL	26.1	25.8	19.9	24.4	0.7	0.0	0.0	0.0	0.0	0.4	31.7	41.0	14.2
FAO	32.7	28.6	24.9	14.1	6.6	0.0	0.0	0.0	0.0	1.4	40.6	40.8	15.8
NUKHAIB	12.8	11.1	9.5	6.2	3.3	0.0	0.0	0.0	0.0	2.9	10.1	19.9	6.3
SHABICHA	18.0	12.5	9.8	13.0	2.0	0.0	0.0	0.0	0.0	1.2	8.2	34.0	8.2
SALMAN	12.2	16.0	4.8	12.6	0.8	0.0	0.0	0.0	0.0	2.9	14.2	22.1	7.1
BUSSAIYA	17.8	17.7	12.8	10.7	1.1	0.0	0.0	0.0	0.0	0.3	8.5	19.1	7.3
SHAIBAH	26.0	24.1	15.8	12.2	6.1	0.0	0.1	0.0	0.0	1.7	23.1	25.3	11.1