الجمهورية العراقية

وزارة المواصلات

مديرية الطيران المدني العامة

REPUBLIC OF IRAQ.

MINISTRY OF COMMUNICATIONS

DIRECTORATE GENERAL OF CIVIL AVIATION

مديرية الانواء الجوية

METEOROLOGICAL DEPARTMENT

شعبة المناخ

CLIMATOLOGICAL SECTION

تقرير المناخ الشهرى

Monthly Climatological Data

No. 1
Vol. 25
Month January
Year 1962

العدد ١
مجلد ٢٥
الشهر كانون الثانى
السنة ١٩٦٢

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الجمهورية العراقيـــــــــــة

وزارة المواصلات

مديرية الطيران المدني العامـــــــة

مديرية الانواء الجويـــــة

شعبة المناخ

بغداد

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معلومات مناخية شهرية لشهر كانون الثاني ١٩٦٢

MONTHLY CLIMATOLOGICAL DATAS FOR JANUARY 1962

مجلد ٢٥ ، عدد (١) كانون الثاني ١٩٦٢ .

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C O N T E N T S

	PARAS	PAGE
Map showing all meteorological stations	-	*
Geographical data and their periods with notes	-	a-b
General situation of the month	-	c
Daily mean temperatures	1	1
Daily mean pressure at M.S.L.	2	2
Daily mean relative humidity	3	3
Daily maximum and minimum temperatures	4ab	4-5
Monthly mean Dry bulb temperatures	5	6
" " Wet " "	6	6
" " pressure at M.S.L.	7	6
" " relative humidity	8	6
" " vapour pressure	9	7
" " dew point	10	7
" " low cloud amount	11	7
" " total cloud amount	12	7
Surface-wind , number of observations of	13ab	8-9
Daily precipitation	14a-g	10-16
Climatological summary	15	17
Duration of sunshine	16	17
Monthly mean temperature of grass & earth with highest hourly wind speed .	17	17
Baghdad radiosonde observations	18ab	18-19
Frequency of horizontal visibility at Baghdad & Basrah	19ab	20-21
Combined statistics of visibility and cloud base at Baghdad & Basrah	20ab	22-23

المحتويات

خارطة تبين محطات الارصاد الجوية	*
المعلومات الجغرافية لمحطات الارصاد	a-b
لمحة عامة عن التقرير الشهري	c
المعدل اليومي لدرجات الحرارة	1
المعدل اليومي للضغط الجوي على سطح البحر	2
المعدل اليومي للرطوبة النسبية	3
درجات الحرارة العظمى و الصغرى اليومية	4-5
المعدل الشهري لدرجات الحرارة للبصلة الجافة	6
" " " " " الرطبة	6
" " للضغط الجوي على سطح البحر	6
" " للرطوبة النسبية	6
" " لضغط البخار	7
" " لدرجة الندى	7
" " لكمية الغيوم الواطئة	7
" " لمجموع كمية الغيوم	7
عدد تكرار رصدات الرياح السطحية	8-9
الهطول اليومي	10-16
الملخصات المناخية	17
مدة سطوع الشمس	17
المعدل الشهري لدرجات حرارة العشب والتربة و اقصى سرعة ريح خلال ساعة	17
رصدات الراديوسوند في بغداد	18-19
ذبذبات كل من مدى الرؤيا و ارتفاع الغيوم في بغداد و البصرة	20-21
احصائيات مزدوجة لمدى الرؤيا و لقاعدة الغيوم في بغداد و البصرة	22-23

STATION INDEX

METEOROLOGICAL STATIONS

STATION	LATITUDE	LONGITUDE	HEIGHT ABOVE M.S.L.	STARTING YEAR
MOSUL	36 19 N.	43 09 E.	222.6 m.	1920
SINJAR	36 19 N.	41 50 E.	538	1967
KIRKUK	35 28 N.	44 24 E.	330.8	1936
KHANAQIN	34 18 N.	45 26 E.	201.2	1936
BAGHDAD	33 20 N.	44 24 E.	34.1	1936
HABBANIYA	33 22 N.	43 34 E.	43.6	1936
RUTBAH	33 02 N.	40 17 E.	615.5	1928
HAI	32 10 N.	46 03 E.	14.9	1940
DIWANIYA	31 59 N.	44 59 E.	20.4	1930
NASIRIYA	31 01 N.	46 14 E.	3.0	1940
BASRAH	30 34 N.	47 47 E.	2.4	1937

RAINFALL STATIONS

STATION	LATITUDE	LONGITUDE	HEIGHT ABOVE M.S.L.	STARTING YEAR
ZAKHO	37 08 N.	42 41 E.	442 metere	1935
AMADIA	37 05 N.	43 30 E.	1236	1935
RAWANDUZ	36 37 N.	44 33 E.	1006	1936
AQRA	36 45 N.	43 53 E.	716	1935
TELAWAINAT	36 41 N.	42 24 E.	346	1936
TELAAFAR	36 22 N.	42 28 E.	273	1936
QAYARA	35 48 N.	43 17 E.	180	1938
ARBIL	36 11 N.	44 00 E.	414	1935
Chemchamal	35 32 N.	44 51 E.	701	1936
SULAIMANIYA	35 33 N.	45 27 E.	853	1935
PENJWIN	35 37 N.	45 58 E.	1311	1936
BAKRAJO	35 34 N.	45 23 E.	750	1936
HALABJA	35 11 N.	45 59 E.	724	1936
IFTIKHAR	35 03 N.	44 27 E.	204	1935
CHUARTAH	35 44 N.	45 33 E.	1356	1942
SALAHADDIN	36 37 N.	44 13 E.	1088	1940
RAYAT	36 41 N.	44 57 E.	2610	1942
SANAT	36 46 N.	42 48 E.	=	1944
DUHOK	36 52 N.	43 02 E.	860	1943
MIRZARUSTAM	36 03 N.	44 58 E.	459	1946
SHAQLAWA	36 23 N.	44 20 E.	-	1945
SERSANK	36 58 N.	43 32 E.	1046	1949
BINKIRD	36 03 N.	45 03 E.	708	1952
HINDIA	32 42 N.	44 17 E.	224	1936
HILLA	32 29 N.	44 26 E.	27	1935
KUT	32 30 N.	45 45 E.	19	1935
MANDILY	33 45 N.	45 33 E.	137	1935
NUKHAIB	32 02 N.	42 15 E.	305	1935
AMARA	31 51 N.	47 10 E.	9	1935
SHABICHA	30 42 N.	43 41 E.	-	1935
SAMAWA	31 18 N.	45 16 E.	6	1935
BADAA	31 26 N.	46 11 E.	9	1936
UR	30 58 N.	46 08 E.	4	1935
GHABISHIYA	30 44 N.	47 05 E.	4	1935
MAQIL	30 34 N.	47 47 E.	2	1935
FAO	29 59 N.	48 30 E.	2	1935
DIBIS	35 41 N.	44 05 E.	239	1936
HAWEJA	35 31 N.	44 18 E.	305	1940
TUZ	34 53 N.	44 39 E.	220	1935
ANA	34 28 N.	41 27 E.	-	1935
DIALA	34 05 N.	45 01 E.	68	1943
JALAWLAA	34 16 N.	45 09 E.	119	1935
HIT	33 38 N.	42 50 E.	58	1952
KARBALAA	32 37 N.	44 01 E.	29	1935
BAIJI	34 56 N.	43 29 E.	115	1935
SAMIRAA	34 11 N.	43 50 E.	65	1935
RUMADI	33 25 N.	43 17 E.	49	1923
HADITHA	34 04 N.	42 22 E.	140	1931

STATION INDEX

RAINFALL STATIONS CONTINUED

STATION	LATITUDE	LONGITUDE	HEIGHT ABOVE M.S.L.	STARTIN YEAR
ALTALGHARBI	32 28 N.	46 41 E.	13 Meters	[illegible]
BALALA	36 37 N.	44 49 E.	1050	[illegible]
BEIJI (ZIBAR)	36 52 N.	44 04 E.	400	[illegible]
ELANA	36 39 N.	44 13 E.	700	[illegible]
TAQ-TAQ	35 53 N.	44 36 E.	300	[illegible]
DUKAN	35 57 N.	45 00 E.	670	[illegible]
ZIBAZ	36 23 N.	45 48 E.	229	[illegible]
SADIA KARAM	35 11 N.	44 53 E.	380	[illegible]
KANDAL YARIMA	35 45 N.	45 39 E.	300	[illegible]
HOUPET	34 42 N.	44 [illegible] E.	[illegible]	[illegible]
AIN SEFNI	36 41 N.	45 [illegible] E.	520	[illegible]
HOISINJANQ	36 05 N.	44 48 E.	610	[illegible]
FATHA	35 03 N.	43 34 E.	150	[illegible]
MAKHMUR	35 46 N.	43 39 E.	-	[illegible]
AL RUMIL	34 59 N.	43 59 E.	-	[illegible]
BERZINJA	35 23 N.	45 [illegible] E.	-	[illegible]
DERBANDIKHAN	35 09 N.	45 47 E.	-	[illegible]
[illegible]	34 14 N.	45 20 E.	-	[illegible]
[illegible]	34 35 N.	45 34 E.	-	[illegible]
BIDEKAN	36 46 N.	44 38 E.	-	[illegible]
BARA DAGH	35 19 N.	45 24 E.	-	[illegible]

NOTES ON TABLES

AIR PRESSURE :- Is expressed in Millibars, the initial 9 or 10 is being omitted. One millibar equals 1000 dynes per sq.cm. All mean pressure are reduced to mean Sea Level.

TEMPERATURE :- (In Centigrade).the measurements of temperature are made in Stevenson (Louvred) Screens in the open The height of the thermometer bulbs is approximately 1.3 meters above the ground level.

HUMIDITY :- The values given depend on the readings of the dry & Wet bulbs thermometers in Stevenson Screens.

RAINFALL :- (Millimeters) . The daily amount is for 24 hours from 0600 G.M.T. on the day of entry to 0600 G.M.T. on the next day. A day is reckoned as a day of rain if the total rainfall is 0.2 mm. or more

WEATHER :- Days of Fog or Dust are thus on which the range of vision is less than 1000 meters at any time of the day

Clear Days :- Are those on which the average cloud amount at all observation hours is 0 or 1 Okta. Cloudy days are those on which the average cloud amount is 7 or 8 Oktas.

ALL TIMES ARE G.M.T = Local time minus 3 hours.

كانون الثاني ١٩٦٢

سادت حالات جوية مربكة خلال العشرة ايام الاولى من الشهر على القطر وكذلك سادت خلال الايام القليلة الاخيرة من الشهر وكان سبب هذه الحالات الجوية المربكة هو عبور عدة انخفاضات جوية متتالية من الغرب الى الشرق عابرة القطر العراقي هطلت امطار على كافة المناطق واحيانا كانت مصحوبة بعواصف ترابية .

JANUARY 1962

Disturbed weather conditions prevailed over the Country during the first ten days of the month , and again for a few days during the last ten days.

The bad weather conditions were caused by a series of depressions and low pressure waves which passed from West to East across Iraq.

Rainfall was fairly well distributed and, in some cases , it was accompanied by duststorms.

JANUARY 1962.
TABLE - 1

المعدل اليومي لدرجات الحرارة (سنتغراد)

DAILY MEAN TEMPERATURES (C°) OF 8 OBSERVATIONS

التاريخ	بغداد	موصل	سنجار	كركوك	رطبة	حي	ديوانية	ناصرية	بصرة	[illegible]
DATE	BAGH-DAD	MOSUL	SINJAR	KIRKUK	RUTBAH	HAI	DIWA-NIYA	NAS-RIYA	BASRAH	[illegible]
1	13.6	9.2	11.5	12.0	7.1	15.6	11.9	14.3	16.0	[illegible]
2	12.3	7.9	9.9	10.9	6.3	13.3	10.6	13.2	14.8	[illegible]
3	9.6	5.1	8.3	9.1	7.4	13.0	10.2	11.1	13.3	[illegible]
4	12.3	8.4	6.7	9.4	11.6	12.2	10.6	11.8	11.7	[illegible]
5	9.9	6.1	4.9	7.7	7.5	13.8	10.8	12.8	14.8	[illegible]
6	9.1	3.9	4.5	7.2	6.8	12.3	10.7	12.9	14.6	[illegible]
7	10.9	7.3	8.3	9.6	5.8	14.6	12.3	14.4	16.4	[illegible]
8	10.5	7.5	7.1	8.3	7.9	12.8	10.2	12.5	14.8	[illegible]
9	10.2	8.5	7.5	10.0	9.3	12.8	11.2	11.6	12.9	[illegible]
10	11.9	8.8	7.8	10.2	9.3	12.7	12.3	12.6	12.3	[illegible]
11	11.7	9.1	8.1	11.2	7.9	15.0	12.8	13.4	13.2	[illegible]
12	10.1	8.4	9.1	11.0	7.9	11.8	11.1	12.2	13.2	[illegible]
13	9.9	7.0	9.2	10.3	9.2	11.3	10.9	10.7	11.2	[illegible]
14	9.6	9.3	9.5	10.1	7.8	12.8	11.9	11.7	12.4	[illegible]
15	10.5	9.2	9.6	8.8	8.7	13.3	12.5	12.9	12.5	[illegible]
16	9.2	6.5	9.5	8.6	8.4	12.0	11.0	11.9	12.8	[illegible]
17	10.3	5.9	9.9	8.6	8.7	12.0	11.1	11.4	11.6	[illegible]
18	10.0	7.6	10.6	12.0	8.9	12.2	12.0	12.1	11.8	[illegible]
19	9.7	6.7	10.9	12.8	9.3	11.8	11.1	12.1	12.1	[illegible]
20	12.6	7.7	10.4	12.9	9.2	14.0	13.0	13.1	13.4	[illegible]
21	12.0	9.9	9.3	12.4	8.5	14.6	12.4	15.0	16.0	[illegible]
22	9.6	10.0	9.5	10.9	9.2	13.1	10.9	12.6	13.9	[illegible]
23	10.3	6.8	9.6	10.5	6.6	12.9	11.8	12.4	11.2	[illegible]
24	10.1	6.5	9.7	10.9	6.0	11.6	10.8	11.4	12.4	[illegible]
25	10.4	6.6	9.9	11.7	8.3	12.5	11.1	11.8	12.6	[illegible]
26	10.8	6.0	6.3	9.8	7.1	12.2	11.2	13.4	14.7	[illegible]
27	9.1	8.6	7.3	8.1	7.3	11.8	10.3	11.0	13.9	[illegible]
28	8.4	7.0	6.3	9.3	8.4	12.5	11.2	11.2	11.7	[illegible]
29	9.9	6.9	6.1	8.5	8.0	12.9	12.5	13.3	14.1	[illegible]
30	11.6	9.5	7.3	9.9	9.3	13.3	12.7	12.7	11.3	[illegible]
31	11.2	8.0	9.3	9.9	9.7	13.3	12.4	13.7	13.2	[illegible]
MEANS	10.6	7.6	8.5	10.1	8.2	12.9	11.5	12.5	13.3	[illegible]
NORMAL	10.2	6.8	8.5	8.9	7.6	11.5	10.5	11.4	12.4	[illegible]
YEARS OF NORMAL	1937	1923	1961	1935	1928 to 1956	1940	1939	1940	1937	[illegible]

NOTE: T I M E - G . M . T .

$$\frac{0000+0300+0600+0900+1200+1500+1800+2100}{8} = \text{DAILY MEAN}$$

JANUARY 1962 . (TABLE - 2)

DAILY MEAN PRESSURE (MILLIBARS) AT M.S.L.

DATE	BAGHDAD	MOSUL	KIRKUK	SINJAR	RUTBAH	HAI	DIWANIYA	NASIRIYA	BASRAH	HABBANIYA
1	1016.6	1018.6	1018.9	1020.6	1018.9	1014.5	1013.7	1014.5	1016.4	1016.5
2	16.8	15.2	18.5	19.0	[illegible]	16.3	16.6	16.0	17.6	17.8
3	21.9	22.4	21.7	21.2	21.5	21.0	21.5	21.0	20.6	21.1
4	18.1	14.2	[illegible]	[illegible]	18.7	19.6	18.9	19.6	20.5	16.1
5	15.2	13.6	14.8	14.1	14.9	14.2	14.9	14.6	16.0	14.8
6	16.3	19.0	18.2	18.4	14.1	15.6	15.1	14.2	14.7	15.6
7	11.2	12.7	12.0	12.7	13.2	19.9	10.9	10.6	12.5	11.0
8	17.5	17.1	18.1	16.5	15.5	16.1	16.8	16.0	15.2	16.8
9	20.4	22.7	21.0	21.3	18.4	19.5	20.1	19.6	19.1	19.5
10	19.8	21.1	20.7	20.6	17.8	19.1	19.5	19.4	19.3	18.9
11	22.2	23.3	22.4	23.2	21.9	20.4	21.5	20.6	20.1	22.2
12	23.6	24.9	23.9	24.5	22.3	22.1	23.2	22.2	22.0	23.6
13	22.7	24.6	23.2	23.9	21.4	22.2	22.5	21.8	21.2	22.6
14	22.3	24.1	23.4	23.7	21.9	20.6	21.5	20.4	20.1	22.1
15	21.7	22.9	22.3	22.8	23.3	19.2	21.2	20.0	19.1	22.2
16	24.5	25.6	24.7	25.1	25.9	22.3	23.8	22.7	21.8	24.6
17	23.9	25.2	24.3	24.4	24.5	22.4	23.6	22.8	23.3	23.9
18	24.2	26.6	25.0	26.4	24.5	23.1	24.5	23.3	22.8	24.6
19	22.1	24.9	23.9	24.2	21.9	21.8	22.3	21.9	21.9	22.1
20	17.3	19.4	16.8	18.8	14.4	17.8	16.8	17.5	18.7	16.2
21	12.1	13.7	13.2	13.2	13.4	11.6	11.9	11.3	13.2	11.5
22	13.4	15.0	14.1	15.2	16.0	12.5	13.4	13.0	15.5	13.0
23	20.0	23.8	21.9	21.8	22.9	18.8	19.8	19.1	18.9	20.5
24	23.9	27.7	25.6	26.4	25.5	22.6	23.7	23.0	22.5	24.5
25	22.4	26.3	23.1	23.9	19.8	22.4	22.6	22.2	22.2	22.0
26	13.3	15.7	15.4	[illegible]	[illegible]	13.9	12.8	14.4	16.3	11.7
27	15.9	16.0	15.4	15.9	17.3	16.5	17.0	17.0	17.1	15.1
28	18.6	19.5	19.1	19.3	13.2	18.2	18.0	18.0	18.6	17.8
29	18.7	19.6	19.9	19.1	16.7	17.5	18.2	17.6	17.3	18.3
30	25.2	27.0	26.2	27.0	21.4	24.3	24.5	23.7	24.4	24.6
31	23.5	25.1	24.4	24.8	20.3	22.6	23.7	22.6	22.6	23.4
MEAN	1019.5	1021.0	1020.4	1020.6	1019.0	1019.0	1019.2	1018.7	1019.0	1019.2
[illegible]	1019.3	1020.1	1018.9	1020.6	1019.9	1019.2	1018.6	1018.7	1018.5	1019.2

1962 RECORDS

STATION	HIGHEST	DAY	YEAR	TIME	LOWEST	DAY	YEAR	TIME
BAGHDAD	1026.9	30	1962	0600	1008.6	7	1962	1200
MOSUL	1029.8	24	1962	0600	1006.4	5	1962	0000
SINJAR	1028.9	20	1962	0900	1008.8	4	1962	1800
KIRKUK	1027.9	30	1962	0600	1009.2	7	1962	1200
RUTBAH	1027.8	24	1962	0600	1006.2	26	1962	1200
HAI	1025.9	30	1962	0600	1007.6	7	1962	0300
DIWANIYA	1026.6	30	1962	0600	1007.7	7	1962	0300
NASIRIYA	1025.8	30	1962	0600	1006.1	7	1962	0300
BASRAH	1025.4	30	1962	0600	1009.7	7	1962	0000
HABBANIYA	1026.4	24	1962	0600	1008.0	26	1962	1200
BAGHDAD	1036.0	7	1942	0600	1000.4	28	1940	0300
MOSUL	1038.4	7	1942	0600	994.8	28	1940	0200
SINJAR	1028.9	20	1962	0900	1008.8	4	1962	1800
KIRKUK	1030.2	29	1950	0600	1004.9	28	1947	1200
RUTBAH	1039.3	7	1942	0000	1001.2	27	1940	1360
HAI	1030.8	29	1950	0600	1004.1	13	1956	1200
DIWANIYA	1036.1	7	1942	0600	1000.0	10	1953	2100
NASIRIYA	1035.9	7	1942	0600	1002.9	13	1956	1200
BASRAH	1035.1	7	1942	0600	[illegible]	[illegible]	[illegible]	[illegible]

JANUARY 1962 .

(3)

TABLE - 3 .

المعدل اليومي للرطوبة النسبية (٪)

DAILY MEAN RELATIVE HUMIDITY (٪) OF 8 OBSERVATIONS

التاريخ	بغداد	موصل	سنجار	كركوك	رطبة	حي	ديوانية	ناصرية	بصرة	[illegible]
DATE	BAGH-DAD	MOSUL	SINJAR	KIRKUK	RUTBAH	HAI	DIWA-NIYA	NASI-RIYA	BASRAH	HABBA-NIYA
1	63	84	59	63	84	71	72	53	80	[illegible]
2	82	80	66	75	84	85	79	70	[illegible]	[illegible]
3	79	93	78	89	74	78	77	75	[illegible]	[illegible]
4	65	86	98	80	56	67	64	59	75	[illegible]
5	56	70	59	79	54	66	54	53	67	[illegible]
6	75	85	75	82	59	81	65	60	47	[illegible]
7	96	91	89	90	90	89	56	81	76	[illegible]
8	87	93	93	95	86	82	90	80	68	[illegible]
9	87	87	89	86	79	78	87	75	76	[illegible]
10	83	91	92	87	79	81	77	73	74	[illegible]
11	84	82	85	83	89	71	75	67	75	[illegible]
12	83	80	81	78	87	82	80	69	76	[illegible]
13	83	84	85	67	82	84	76	80	82	[illegible]
14	84	80	81	72	83	74	78	75	80	[illegible]
15	75	79	72	76	79	69	71	70	65	78
16	83	78	68	76	77	71	73	66	67	[illegible]
17	78	78	70	73	76	69	75	67	72	[illegible]
18	76	83	54	43	78	69	74	67	74	80
19	69	79	46	41	75	72	69	66	74	[illegible]
20	60	82	58	48	68	59	57	57	65	[illegible]
21	71	80	75	64	64	79	76	66	76	[illegible]
22	79	82	79	71	67	75	73	61	71	[illegible]
23	69	85	62	47	60	76	70	66	78	[illegible]
24	61	81	73	44	64	71	63	62	78	[illegible]
25	63	83	54	50	55	69	56	58	64	[illegible]
26	74	90	88	71	76	71	66	58	73	[illegible]
27	88	92	89	93	81	74	76	68	80	[illegible]
28	90	89	91	83	71	73	72	66	74	[illegible]
29	89	95	96	92	79	81	78	70	81	[illegible]
30	79	86	91	76	72	74	69	70	80	[illegible]
31	64	83	77	80	69	75	70	65	78	[illegible]
MEANS	77	84	76	73	74	75	72	67	75	[illegible]
NORMAL	72	83	76	74	69	69	70	67	81	71

1962

STATION	HIGHEST	TIME GMT.	DAY	LOWEST	TIME GMT.	DAY
BAGHDAD	100	0300	28th	30	1200	24th
MOSUL	98	0300	24&31st	41	1200	5th
SINJAR	99	0300	4&10th	36	1200	19th
KIRKUK	100	0300	27th	23	0900	19th
RUTBAH	100	0300	2nd.	26	1200	4th
HAI	98	0300	12th	38	1200	20th
DIWANIYA	100	0300	14th	33	1200	5th
NASIRIYA	91	0300	7th	28	0900	26th
BASRAH	99	1800	2nd	35	1200	20th
HABBANIYA	100	0300	7,9&12th	26	1200	5th.

TABLE 4-a.

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

	بغداد		موصل		سنجار		كركوك		خانقين		رطبة	
	BAGHDAD		MOSUL		SINJAR		KIRKUK		KHANAQIN		RUTBAH	
التاريخ	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DATE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	18.4	6.6	17.8	4.1	14.2	8.2	19.9	6.0	16.9	3.9	11.8	[illegible]
2	17.0	9.2	16.3	1.8	13.2	6.2	18.0	3.4	15.0	7.2	12.7	2.4
3	17.4	1.9	8.2	0.0	13.6	4.3	15.3	5.7	16.1	7.2	15.8	3.8
4	19.2	4.9	9.8	6.7	8.4	5.2	15.4	7.3	14.0	5.5	19.0	4.9
5	15.0	6.3	10.7	3.9	8.8	2.1	12.9	6.3	14.0	10.0	10.4	5.5
6	11.1	2.1	7.0	0.2	6.3	1.8	9.4	2.5	13.6	6.1	14.1	3.5
7	14.4	9.6	10.3	4.7	10.0	2.8	11.2	8.0	12.2	7.8	9.1	4.0
8	14.6	6.7	9.3	6.1	8.1	6.2	10.5	6.8	13.3	8.6	12.0	3.8
9	18.2	2.2	11.6	4.9	9.2	4.2	15.2	5.8	15.5	2.8	14.7	3.4
10	18.1	4.6	11.1	6.7	8.8	6.1	12.6	7.5	17.2	6.1	15.4	[illegible]
11	17.1	6.8	14.4	6.1	10.6	4.8	17.6	7.6	17.8	8.9	11.5	5.2
12	16.6	2.4	15.9	2.8	12.5	4.3	18.9	4.9	18.0	4.0	12.8	1.5
13	17.7	4.4	13.4	0.9	12.8	5.6	18.4	5.2	17.2	5.0	14.0	2.2
14	17.0	2.1	14.7	2.2	11.1	6.8	17.5	4.1	18.9	2.9	12.9	3.2
15	18.1	4.0	14.2	6.1	11.6	7.1	13.8	4.3	17.2	6.1	13.0	4.9
16	15.5	3.4	13.7	0.6	13.4	4.6	14.1	3.4	16.7	1.1	14.7	2.6
17	18.2	1.6	14.6	0.3	12.2	5.8	15.3	3.0	17.2	1.2	17.0	2.9
18	18.7	1.9	17.1	1.0	15.1	4.1	18.9	4.5	21.1	2.2	16.0	2.0
19	19.6	1.4	18.4	-1.3	14.7	4.1	22.0	8.0	23.3	2.5	16.4	1.2
20	20.2	0.2	15.7	0.9	12.4	6.7	20.7	4.5	22.2	3.9	15.6	3.0
21	18.0	8.6	12.4	8.1	10.3	7.8	18.1	10.4	16.9	8.9	13.8	2.6
22	16.6	3.3	14.7	7.7	12.3	7.2	18.1	8.5	16.0	5.0	13.0	5.6
23	18.0	2.3	15.7	0.6	13.2	4.3	15.6	6.0	19.0	5.5	13.7	1.6
24	18.5	1.0	14.8	-0.4	14.5	3.8	19.1	5.3	19.4	6.1	14.8	-1.2
25	19.6	0.2	16.3	0.2	12.3	6.2	19.7	5.6	18.9	3.9	14.4	1.7
26	13.6	4.6	10.7	1.6	8.2	6.3	12.7	8.7	15.2	4.4	11.7	3.6
27	11.3	5.8	12.3	6.4	9.2	4.2	9.2	5.7	12.0	7.2	14.0	3.7
28	13.8	3.5	10.7	1.3	7.8	3.2	12.9	6.5	14.4	3.0	14.5	-0.8
29	14.9	5.9	9.4	3.2	7.3	4.5	9.9	5.9	11.1	6.0	13.5	2.3
30	17.6	5.5	13.9	6.4	9.3	4.2	15.2	5.6	16.7	0.5	17.2	2.0
31	17.8	4.8	15.8	3.2	12.6	4.3	15.1	4.9	17.2	0.5	16.8	4.0
MEANS	16.8	4.1	13.3	3.1	11.1	5.1	15.6	6.0	16.6	4.9	13.3	3.1
NORMAL	15.9	4.2	12.5	1.9	11.1	5.1	13.2	3.9	15.4	4.6	13.1	1.0

STATION	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
BAGHDAD	25.0	21	1948	-7.8	5	1947
MOSUL	21.0	22	1953	-11.1	3	1955
SINJAR	15.1	18	1962	1.8	6	1962
KIRKUK	22.0	19	1962	-6.7	2	1947
KHANAQIN	27.2	3&4	1944	-6.7	7	1942
RUTBAH	25.4	19	1960	-14.4	6	1942

TABLE 4-b . درجات الحرارة العظمى والصغرى اليومية (ستغراد)

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

	حي		ديوانية		ناصرية		بصرة		حبانية	
	HAI		DIWANIYA		NASIRIYA		BASRAH		HABBANIYA	
التاريخ	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DATE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	18.2	9.4	18.0	9.1	19.7	11.5	22.8	8.5	19.1	6.9
2	17.8	11.4	17.0	3.4	18.8	8.5	21.0	12.7	17.2	6.7
3	19.8	5.8	18.2	4.0	18.1	6.2	28.1	5.5	16.3	4.5
4	19.2	4.6	19.4	3.2	19.8	2.7	18.9	5.3	19.8	7.1
5	18.5	9.3	16.8	6.7	21.0	8.3	23.2	8.1	14.4	0.9
6	16.3	6.0	15.6	5.6	19.0	6.4	20.7	8.6	10.9	5.3
7	19.0	12.0	15.0	7.9	18.0	13.5	23.1	10.2	13.4	8.7
8	16.8	6.4	14.9	4.6	17.6	7.9	20.8	10.7	15.0	6.5
9	17.7	6.4	18.2	4.8	18.8	8.6	19.8	8.8	17.2	6.0
10	19.7	7.0	21.0	5.4	20.5	5.6	20.6	5.8	18.8	7.6
11	19.8	8.4	18.8	7.8	21.1	6.4	21.5	6.7	14.9	7.4
12	17.0	7.0	16.8	5.2	18.8	5.4	20.6	5.7	15.5	4.1
13	15.2	8.3	16.0	6.8	13.3	9.2	15.1	7.8	16.4	4.5
14	19.5	5.0	18.2	4.0	17.4	5.0	17.2	5.4	16.2	5.1
15	17.4	7.5	18.0	9.0	18.2	10.2	17.2	10.4	17.4	5.3
16	17.6	6.2	17.5	6.5	18.1	7.3	18.8	6.8	16.1	4.8
17	17.8	4.0	18.8	4.7	19.2	4.5	18.0	4.0	18.2	4.4
18	18.8	4.8	19.0	5.6	20.2	5.3	20.0	4.9	16.6	5.5
19	21.0	3.8	19.8	4.1	20.5	4.8	20.5	3.7	18.4	2.9
20	21.2	2.8	20.8	4.0	21.3	3.5	23.4	4.6	19.8	1.6
21	18.8	8.0	18.9	9.0	21.0	10.4	22.5	7.6	17.2	5.0
22	19.2	7.2	17.5	4.6	20.4	6.3	19.4	9.1	14.5	5.2
23	18.8	6.0	19.0	6.6	16.8	9.5	18.0	6.8	17.2	4.5
24	19.4	3.4	19.3	4.2	19.3	3.8	20.6	5.7	17.4	3.2
25	20.7	3.0	19.7	1.6	21.0	2.3	20.6	4.4	18.9	0.9
26	16.4	7.0	17.3	6.0	20.5	7.3	22.8	5.8	14.3	5.4
27	17.0	9.0	13.6	5.0	16.8	6.2	18.5	12.1	12.2	7.8
28	18.0	8.8	17.0	4.6	17.0	3.7	19.5	3.8	13.6	3.6
29	18.0	8.8	18.9	8.6	19.0	10.4	20.3	10.1	15.9	4.7
30	18.4	5.7	20.4	3.9	20.0	5.8	20.0	4.5	19.6	6.3
31	18.6	5.8	18.9	5.0	20.8	4.9	20.7	4.4	18.9	5.5
MEANS	18.4	6.7	18.0	5.5	19.1	6.8	20.5	7.0	16.5	5.2
NORMAL	17.2	5.2	16.7	3.4	17.9	5.3	18.2	7.0	15.7	4.1

STATION	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
HAI	25.0	16	1960	-6.7	5&7	1942
DIWANIYA	25.5	28	1948	-8.3	29	1950
NASIRIYA	29.3	16	1960	-7.2	8	1942
BASRAH	28.6	2	1961	-4.4	8	1942
HABBANIYA	26.1	28	1941	-8.9	5,6&7	1942

TABLE - 5 . المعدل الشهري لدرجة الحرارة الجافة الساعة (سلسيوس)

MONTHLY MEAN DRY BULB TEMPERATURES (°C)

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEAN
BAGHDAD	7.4	6.3	8.4	18.0	15.3	12.5	10.3	10.7	10.3
MOSUL	5.1	4.2	5.8	10.2	12.4	9.8	7.1	6.3	[illegible]
SINJAR	...	6.9	7.4	9.5	10.0	5.1	5.5	7.1	[illegible]
KIRKUK	7.9	7.3	9.5	13.6	13.9	10.9	5.0	6.2	[illegible]
KHANAQIN	...	7.3	9.7	14.9	15.8	[illegible]	[illegible]	[illegible]	[illegible]
RUTBAH	4.5	4.0	5.6	11.0	13.6	11.3	7.1	5.5	[illegible]
HAI	...	7.6	10.6	15.3	17.8	13.8	11.5	[illegible]	[illegible]
DIWANIYA	7.9	6.8	9.7	15.8	17.5	11.9	11.3	9.2	[illegible]
NASIRIYA	8.9	7.7	10.6	16.6	18.5	15.7	13.3	11.2	[illegible]
BASRAH	9.6	8.5	11.6	18.0	19.4	15.9	13.5	[illegible]	[illegible]
HABBANIYA	7.1	6.0	7.7	13.5	15.8	12.8	9.8	8.2	[illegible]

TABLE - 6 . المعدل الشهري لدرجة الحرارة الرطبة (سلسيوس)

MONTHLY MEAN WET BULB TEMPERATURES (°C)

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEAN
BAGHDAD	6.4	5.6	7.2	10.7	11.8	10.8	8.6	[illegible]	8.8
MOSUL	4.5	3.8	5.9	7.9	9.1	7.9	6.6	5.8	[illegible]
SINJAR	...	4.9	5.5	7.0	7.6	7.8	6.3	[illegible]	[illegible]
KIRKUK	6.1	5.7	7.1	9.8	9.9	8.8	7.8	[illegible]	[illegible]
KHANAQIN	...	5.8	7.1	10.4	10.8	9.3	8.1	[illegible]	[illegible]
RUTBAH	4.0	3.4	4.5	8.1	9.0	8.3	6.3	[illegible]	[illegible]
HAI	...	6.7	9.0	12.7	12.9	11.2	9.8	[illegible]	[illegible]
DIWANIYA	5.6	5.7	8.1	11.7	12.3	10.7	7.8	[illegible]	[illegible]
NASIRIYA	7.3	6.4	8.4	12.0	12.6	11.3	9.7	[illegible]	[illegible]
BASRAH	8.7	7.7	10.0	14.0	14.3	12.7	11.4	[illegible]	[illegible]
HABBANIYA	6.2	5.5	6.7	10.5	11.5	10.0	8.3	7.3	[illegible]

TABLE - 7 . المعدل الشهري للضغط الجوي على سطح البحر (ملليبار)

MONTHLY MEAN PRESSURE (mbs.) AT M.S.L.

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEAN
BAGHDAD	19.3	19.3	20.4	19.8	18.5	18.9	19.6	19.7	[illegible]
MOSUL	21.1	21.2	22.1	21.4	20.0	20.2	21.0	[illegible]	[illegible]
SINJAR	...	20.5	21.3	21.1	19.5	20.0	21.0	...	[illegible]
KIRKUK	20.5	20.5	21.3	20.1	19.0	19.9	20.7	20.8	[illegible]
KHANAQIN	...	20.3	20.8	19.0	18.0	19.1	21.0	...	[illegible]
RUTBAH	18.5	19.2	20.4	19.4	17.8	18.6	20.0	19.3	[illegible]
HAI	...	18.6	19.7	19.6	17.6	18.1	19.1	...	[illegible]
DIWANIYA	18.9	19.1	20.5	19.5	18.1	18.5	19.5	19.4	[illegible]
NASIRIYA	18.5	18.5	20.0	19.1	17.6	18.8	19.2	19.0	[illegible]
BASRAH	18.6	18.8	20.2	19.2	17.8	18.3	19.0	19.9	[illegible]
HABBANIYA	19.1	19.0	20.4	19.5	18.1	18.8	19.5	19.3	[illegible]

TABLE - 8. المعدل الشهري للرطوبة النسبية (%)

MONTHLY MEAN RELATIVE HUMIDITY (%)

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEAN
BAGHDAD	86	89	85	65	56	69	80	84	77
MOSUL	93	94	88	74	67	78	88	91	[illegible]
SINJAR	...	76	76	72	72	79	81	...	[illegible]
KIRKUK	77	79	72	61	61	76	78	78	[illegible]
KHANAQIN	...	82	75	56	51	68	78	...	[illegible]
RUTBAH	86	85	84	62	51	63	76	82	[illegible]
HAI	...	89	81	66	59	73	80	...	75
DIWANIYA	83	84	80	60	54	65	75	79	72
NASIRIYA	78	79	73	56	46	59	70	75	67
BASRAH	88	89	82	62	55	71	81	85	77
HABBANIYA	90	92	87	69	58	72	81	86	80

JANUARY 1962

TABLE - 9

MONTHLY MEAN VAPOUR PRESSURE (mbs.)

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	8.9	8.7	9.4	10.4	10.2	10.2	[illegible]	[illegible]	[illegible]
MOSUL	8.3	7.9	8.2	[illegible]	9.4	[illegible]	[illegible]	[illegible]	[illegible]
SINJAR	...	7.5	7.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
KIRKUK	8.1	7.9	8.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
KHANAQIN	...	8.2	8.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
RUTBAH	7.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
RAI	...	9.4	10.3	[illegible]	11.5	[illegible]	10.[illegible]	[illegible]	[illegible]
DIWANIYA	8.9	8.1	9.6	[illegible]	10.6	[illegible]	[illegible]	[illegible]	[illegible]
NASIRIYA	9.0	8.4	9.8	[illegible]	9.8	[illegible]	[illegible]	[illegible]	[illegible]
BASRAH	10.5	10.0	11.3	12.8	12.5	[illegible]	[illegible]	[illegible]	[illegible]
HABBANIYA	9.0	8.7	9.2	[illegible]	10.2	[illegible]	[illegible]	[illegible]	[illegible]

TABLE - 10

MONTHLY MEAN DEW POINT (C)

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	5.0	4.6	5.8	[illegible]	6.8	5.5	[illegible]	6.1	[illegible]
MOSUL	4.0	3.3	3.9	[illegible]	6.0	6.1	[illegible]	[illegible]	[illegible]
SINJAR	...	2.5	3.1	[illegible]	4.3	[illegible]	[illegible]	[illegible]	[illegible]
KIRKUK	3.6	3.3	3.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
RUTBAH	2.6	2.4	3.0	[illegible]	3.5	[illegible]	[illegible]	[illegible]	[illegible]
RAI	...	5.9	7.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DIWANIYA	4.9	4.6	6.1	[illegible]	7.2	[illegible]	[illegible]	[illegible]	[illegible]
NASIRIYA	5.2	4.3	5.9	[illegible]	6.6	[illegible]	[illegible]	[illegible]	[illegible]
BASRAH	7.6	6.7	8.3	[illegible]	9.9	10.2	10.[illegible]	[illegible]	[illegible]
HABBANIYA	5.2	4.8	5.4	[illegible]	5.9	[illegible]	[illegible]	[illegible]	[illegible]

TABLE - 11

MONTHLY MEAN LOW CLOUD AMOUNT (OKTAS)

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	0.9	1.4	2.0	2.2	2.0	1.0	1.0	[illegible]	[illegible]
MOSUL	4.0	3.5	4.0	[illegible]	4.0	3.6	[illegible]	[illegible]	[illegible]
SINJAR	...	1.[illegible]	2.2	[illegible]	3.5	2.8	[illegible]	[illegible]	[illegible]
KIRKUK	2.9	2.8	[illegible]	[illegible]	3.8	3.0	[illegible]	[illegible]	[illegible]
KHANAQIN	...	3.0	[illegible]	[illegible]	3.4	[illegible]	[illegible]	[illegible]	[illegible]
RUTBAH	1.8	2.1	[illegible]	[illegible]	3.5	3.0	[illegible]	[illegible]	[illegible]
RAI	...	1.1	0.9	[illegible]	1.8	[illegible]	[illegible]	[illegible]	[illegible]
DIWANIYA	0.9	1.2	1.3	[illegible]	2.2	0.8	0.8	0.5	[illegible]
NASIRIYA	0.5	0.5	0.9	[illegible]	1.5	0.9	[illegible]	[illegible]	[illegible]
BASRAH	0.4	0.5	1.0	[illegible]	1.3	0.9	[illegible]	[illegible]	[illegible]
HABBANIYA	1.0	1.6	2.1	[illegible]	1.3	0.9	0.8	[illegible]	[illegible]

TABLE - 12

MONTHLY MEAN TOTAL CLOUD AMOUNT (OKTAS)

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	2.4	2.5	4.5	4.1	4.5	3.8	3.1	2.[illegible]	[illegible]
MOSUL	5.3	5.0	5.4	5.3	5.1	5.3	4.9	4.0	[illegible]
SINJAR	...	3.2	5.0	5.4	5.6	5.3	[illegible]	[illegible]	[illegible]
KIRKUK	4.0	3.8	4.2	3.7	4.5	4.3	4.0	3.5	[illegible]
KHANAQIN	...	4.2	4.1	4.1	5.0	5.0	3.2	...	[illegible]
RUTBAH	3.3	4.1	4.7	5.1	5.1	4.1	3.[illegible]	3.5	[illegible]
RAI	...	3.1	3.4	4.1	4.4	4.2	2.8	...	[illegible]
DIWANIYA	1.5	2.1	3.4	3.4	4.0	2.8	1.9	[illegible]	[illegible]
NASIRIYA	2.8	2.8	3.4	3.8	4.0	3.3	2.4	2.[illegible]	[illegible]
BASRAH	1.9	2.3	3.6	3.5	3.3	3.2	2.2	2.0	[illegible]
HABBANIYA	3.3	4.2	4.6	4.1	4.1	3.7	2.7	2.4	[illegible]

JANUARY 1962 .

TABLE 13-a .

SURFACE - WIND , NUMBER OF OBSERVATIONS

STATIONS	TIME GMT.	DIRECTION N	NE	E	SE	S	SW	W	NW	CALM	SPEED IN KNOTS 1-10	11-21	22-33	34-	MEAN
BAGHDAD	0000	0	3	2	5	0	2	2	7	10	17	4	0	0	[illegible]
	0300	1	6	2	4	1	2	4	4	7	22	2	0	0	[illegible]
	0600	1	2	2	2	3	3	4	7	6	21	4	0	0	6
	0900	1	1	3	3	3	1	5	9	3	20	8	0	0	8
	1200	1	2	5	2	2	4	2	10	3	14	14	0	0	8
	1500	0	1	5	3	1	1	2	10	8	20	3	0	0	9
	1800	2	0	2	2	4	0	2	7	12	16	3	0	0	[illegible]
	2100	2	1	0	4	1	2	3	6	12	15	4	0	0	[illegible]
	TOTAL	8	16	21	25	17	15	24	60	61	145	42	0	0	8
MOSUL	0000	1	3	8	4	0	0	2	2	11	18	1	1	0	8
	0300	6	1	8	3	0	0	3	2	8	22	1	0	0	[illegible]
	0600	4	2	9	2	1	0	7	2	4	20	7	0	0	[illegible]
	0900	6	1	11	3	0	0	3	0	1	23	7	0	0	[illegible]
	1200	3	1	13	4	1	0	6	1	2	23	5	1	0	7
	1500	5	2	13	2	1	0	5	0	3	24	2	2	0	[illegible]
	1800	3	1	9	7	1	0	5	2	3	23	3	2	0	7
	2100	1	2	10	5	1	0	2	1	9	17	4	1	0	6
	TOTAL	29	13	81	30	5	0	39	10	41	170	30	7	0	6
SINJAR	0300	9	11	7	0	1	0	0	2	1	22	4	3	1	[illegible]
	0600	8	5	15	0	0	0	3	0	2	25	3	1	0	8
	0900	3	1	14	1	2	0	3	0	7	24	2	1	0	6
	1200	3	2	11	2	4	1	4	1	3	23	3	2	0	[illegible]
	1500	2	2	9	3	0	0	4	1	10	17	1	3	0	[illegible]
	1800	11	4	8	2	1	0	2	2	1	25	3	1	1	8
	TOTAL	34	25	64	8	8	1	16	16	24	133	16	11	2	9
KIRKUK	0000	1	11	5	2	2	0	0	0	10	18	1	1	0	[illegible]
	0300	1	10	5	1	2	0	0	0	12	18	2	1	1	[illegible]
	0600	0	6	3	4	1	1	0	0	16	18	1	0	0	[illegible]
	0900	0	3	2	3	6	1	2	1	13	16	2	0	0	3
	1200	0	2	1	4	5	2	4	2	11	18	4	1	0	[illegible]
	1500	0	2	4	3	0	0	1	1	20	9	1	1	0	[illegible]
	1800	1	6	6	3	0	2	1	0	12	16	0	2	1	[illegible]
	2100	2	10	5	2	1	0	0	0	11	15	3	1	1	6
	TOTAL	5	50	31	22	17	6	8	4	105	118	14	7	3	5
KHANAQIN	0300	1	0	6	1	9	0	2	0	12	17	0	1	1	4
	0600	0	0	8	1	5	0	2	0	15	14	0	2	0	4
	0900	2	0	1	1	10	0	3	1	13	15	0	1	1	5
	1200	2	0	2	0	15	0	5	4	3	25	1	1	0	5
	1500	3	2	5	1	7	1	3	0	9	20	2	0	0	4
	1800	1	0	7	0	5	0	0	0	18	11	2	0	0	2
	TOTAL	9	2	29	4	51	1	17	5	70	104	5	5	2	4
RUTBAH	0000	3	0	4	1	4	4	6	1	8	16	6	1	0	6
	0300	2	1	5	1	5	2	1	6	8	17	4	2	0	6
	0600	3	0	6	0	3	8	7	2	2	23	6	0	0	7
	0900	3	0	4	5	4	4	3	6	2	17	12	0	0	8
	1200	4	0	2	8	2	2	6	5	2	17	11	1	0	9
	1500	3	0	7	4	0	1	3	10	3	24	3	1	0	5
	1800	1	1	6	2	3	1	4	1	12	15	3	1	0	4
	2100	1	1	5	1	5	3	4	0	11	15	4	1	0	5
	TOTAL	20	3	39	22	26	25	34	31	48	144	49	7	0	6

JANUARY 1962 .

TABLE 13-b .

عدد تكرار رصدات الرياح السطحية

SURFACE - WIND , NUMBER OF OBSERVATIONS OF :

المحطة STATIONS	وقت جرينتش TIME GMT.	DIRECTION الاتجاه N	NE	E	SE	S	SW	W	NW	SPEED IN KNOTS السرعة بالعقد CALM	1-10	11-21	22-33	>34	معدل سرعة الرياح MEAN SPEED
حي	0300	0	0	4	1	0	0	6	9	11	12	4	3	0	7
	0600	0	0	7	2	1	1	8	6	6	17	4	1	0	8
	0900	1	1	6	1	1	0	7	7	5	17	5	0	0	8
AI	1200	3	1	3	3	1	0	7	6	7	16	3	0	0	8
	1500	2	1	5	1	0	0	6	6	10	18	3	0	0	8
	1800	2	0	5	1	0	0	5	5	15	12	4	0	0	8
	TOTAL	8	3	30	9	5	1	37	39	54	93	25	4	0	7
ديوانية	0000	6	1	5	2	2	0	8	2	5	21	5	0	0	6
	0300	2	0	5	1	2	1	8	2	8	19	4	0	0	6
	0600	4	2	3	1	0	4	10	2	5	25	3	0	0	6
	0900	3	2	2	3	2	2	11	4	2	20	8	1	0	6
DIWANIYA	1200	6	1	5	4	1	2	7	4	1	19	11	0	0	6
	1500	8	3	4	1	0	1	6	3	5	20	6	0	0	6
	1800	4	1	7	3	0	1	5	3	5	24	2	0	0	6
	2100	4	2	4	3	1	2	8	1	6	23	2	0	0	6
	TOTAL	37	12	35	18	12	13	63	21	37	169	41	1	0	6
ناصرية	0000	5	1	1	2	2	2	7	6	3	25	3	0	0	6
	0300	4	0	2	3	2	1	12	4	3	25	3	0	0	6
	0600	3	1	0	4	2	4	10	5	0	28	3	0	0	6
	0900	3	1	2	0	1	1	13	5	0	24	7	0	0	6
NASIRIYA	1200	7	1	3	3	1	1	6	8	1	23	7	0	0	6
	1500	10	1	4	2	0	0	4	10	0	24	0	0	0	5
	1800	8	1	1	7	0	0	7	5	2	27	2	0	0	6
	2100	7	1	2	2	3	1	1	10	4	25	2	0	0	6
	TOTAL	47	7	15	28	11	14	60	53	13	208	27	0	0	6
بصرة	0000	5	1	4	3	0	0	3	5	10	20	1	0	0	2
	0300	2	2	3	3	1	0	2	2	16	15	0	0	0	2
	0600	2	1	2	1	3	0	5	7	10	20	1	0	0	3
	0900	6	1	1	1	5	2	2	11	2	22	7	0	0	7
BASRAH	1200	2	2	1	1	4	0	4	15	2	21	8	0	0	7
	1500	2	1	1	3	3	0	3	14	4	26	1	0	0	4
	1800	8	1	4	1	3	0	1	11	2	28	1	0	0	3
	2100	6	1	1	3	2	0	1	7	10	21	0	0	0	2
	TOTAL	33	10	17	16	21	2	24	72	56	173	19	0	0	4
حبانية	0000	1	1	2	1	1	0	5	2	18	11	2	0	0	5
	0300	1	1	1	0	0	2	6	2	18	12	1	0	0	5
	0600	1	1	4	1	2	1	9	6	6	22	3	0	0	6
	0900	1	2	2	4	3	1	11	4	3	21	7	0	0	7
HABBANIYA	1200	2	2	3	2	3	0	10	5	4	16	11	0	0	7
	1500	3	2	2	3	1	1	3	6	10	17	4	0	0	4
	1800	1	2	3	3	0	0	8	1	13	14	3	1	0	4
	2100	2	1	1	4	3	0	5	1	14	13	3	1	0	3
	TOTAL	12	12	18	18	13	5	57	27	86	126	34	2	0	5

ANUARY 1962 .

ABLE 14-a .

(10) كانون الثاني ١٩٦٢

الهطول اليومي (مليمترات)

DAILY PRECIPITATION (MILLIMETERS) tr. (0.05 mm.

التاريخ	بغداد	موصل	سنجار	كركوك	خانقين	رطبة	حي	ديوانية	ناصرية	[illegible]	[illegible]
ATE	BAGH-DAD	MOSUL	SINJAR	KIRKUK	KHAN-AQIN	RUTBAH	HAI	DIWA-NIYA	NASI-RIYA	BAS-RAH	[illegible]
1	1.4								tr.		0.7
2					2.1			tr.		0.1	
3		8.2	tr.	0.6	1.0						
4	tr.	22.6	23.1	6.1							
5			0.1			tr.		tr.			
6	24.9	0.7	0.7	8.2		tr.	12.5	11.0	4.6		[illegible]
7	2.0	9.1	3.8	17.7	25.4	21.0				[illegible]	[illegible]
8		3.6	2.7	0.7	0.7	0.6	0.2	0.6	0.2	[illegible]	[illegible]
9		5.2	tr.	11.9		tr.					[illegible]
10	tr.	17.8	11.3	12.4		tr.					[illegible]
11											
12						tr.	tr.	tr.	tr.		
13			1.2			tr.	tr.		0.3		
14								0.5		0.2	
15						tr.	3.5		0.2	[illegible]	
16											
17											
18											
19											
20	0.7	0.1		tr.		tr.		0.5			
21		3.0	0.4	3.4	2.8			tr.			
22		0.2	0.4	5.3	9.4						
23					1.0						
24											
25								1.8			tr.
26	4.9	11.8	32.8	13.4	1.3	5.6			1.6	0.7	3.2
27		0.5	9.0	1.2	3.1	tr.		2.9		0.6	
28	6.5	0.2		2.6			4.0		0.5		3.2
29		1.6	4.2	1.7	1.8	1.0				0.7	
30			tr.								
31	1.4										
OTAL	41.8	84.6	89.7	85.2	58.6	28.2	20.2	17.3	7.4	4.0	15.7
ORMAL	24.5	67.1	89.7	61.7	60.8	16.0	22.8	15.8	15.4	27.1	19.0
AX. ALL IN 24 OURS	35.3	37.5	105.5	48.1	67.1	21.0	41.9	40.0	26.0	32.5	36.2
AY	27th	13	2	2	20	7	14	1	7	17	27
AR	1940	1933	1952	1961	1961	1962	1947	1960	1951	1949	1940

JANUARY 1962 .

TABLE 14-b .

DAILY PRECIPITATION (MILLIMETERS) , [illegible] 0.05 mm

DATE	RAWANDUZ	TEL AWAINAT	DELAPAN	GAYARA	RAWIJAB	SERKUTIN	BAKRAJO	HAJJAJ	[illegible]
1								[illegible]	
2							[illegible]		
3			[illegible]	[illegible]	[illegible]				
4		16.5	8.3		[illegible]		12.0	[illegible]	
5	55.0	19.1				49.0		[illegible]	
6				9.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7	12.0		[illegible]	1.5	[illegible]	[illegible]	36.0	13.0	[illegible]
8	8.0	8.9	[illegible]	8.0	[illegible]		[illegible]	[illegible]	
9			[illegible]	[illegible]	10.0		[illegible]	[illegible]	[illegible]
10	18.0		[illegible]	17.5	19.7		12.0	[illegible]	
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21	14.0						12.0	14.0	
22									
23									
24									
25				8.0					
26	18.0		27.0		8.3	36.0	31.0	[illegible]	[illegible]
27	2.3	27.9				10.0	[illegible]	[illegible]	
28	3.3				[illegible]		[illegible]		[illegible]
29			1.0	1.5	4.0		[illegible]	[illegible]	
30				4.5				[illegible]	
31									
TOTAL	130.6	72.4	58.2	56.5	60.4	142.0	140.0	[illegible]	[illegible]

JANUARY 1962 .

TABLE 14-c.

DAILY PRECIPITATION (MILLIMETERS) , tr. < 0.05 mm.

التاريخ	جوارتا	صلاح الدين	دهوك	شقلاوة	بنكرد	سليمانية	تو	عانة	هيت
DATE	CHUA-RTAH	SALAH ALDIN	DUHOK	SHAQ-LAWA	BINKARD	SALIJI	TUZ	ANA	HAIT
1									
2									
3		20.0	11.5						
4	10.4		62.0	5.0		3.0			
5				10.0	7.0				
6	9.4	tr.	1.0		13.1			19.4	10.0
7	34.7		12.3		41.0	0.3	12.7	2.5	
8	7.8	15.0	5.2		8.1	0.5	28.4		0.5
9	6.2	26.5			2.5				
10	7.0	23.5				1.4			
11				15.0					
12									
13									
14									
15									
16									
17					9.0				
18									
19									
20		29.0							0.7
21	8.4	3.0	5.7		11.0	1.0			
22				18.0					
23									
24									
25		21.0						10.5	
26	20.0	5.0	16.4		12.5				
27	13.0			25.0	3.0	4.2	6.4		0.2
28	13.8		2.8	2.0	4.0			3.5	
29		22.0			3.5	1.1	5.1		
30									
31									
TOTAL	130.7	165.0	116.9	75.0	114.7	19.5	52.6	35.5	11.4

JANUARY 1962.

TABLE 14-2.

DAILY PRECIPITATION (MILLIMETERS) tr. < 0.05 mm.

التاريخ	سامرا	المنصور	جلولاء	سعدية	بعقوبة	عزيزية	بدرة	هيت	مندلي
DATE	SAMI-RAA	MANSOUR	JALA-WLAA	SAIDIYA	BAKOBA	AZI-ZIYA	BADRA	HIT	MAN-DILY
1	tr.	5.0			4.2				
2		2.0	8.9	7.0		1.0			15.0
3									
4									
5									
6	8.0	27.0			19.0	21.6		6.8	5.5
7	tr.	28.0	35.6	20.0	7.8		15.0	2.9	9.0
8	tr.		27.9	40.0			12.0	0.6	
9	tr.								
10								1.5	
11									
12									
13									
14									
15									
16									
17									
18									
19									
20	1.5				0.6				
21		1.0				1.5	44.0		14.5
22			7.6	8.0					
23									
24									
25									
26	3.0	11.0			6.2	3.0		2.3	10.0
27				11.0			2.0		
28	7.5	5.0			6.0	7.6		0.9	
29				6.0	2.7		2.5		5.5
30			12.7						
31	tr.	7.0			7.2	6.0		0.3	
TOTAL	20.0	86.0	92.7	92.0	53.7	40.7	75.5	15.3	59.5

كانون الثاني ١٩٦٢

JANUARY 1962 .

TABLE 14-e.

الهطول اليومي (مليمترات)

DAILY PRECIPITATION (MILLIMETERS) tr.<0.05 mm.

التاريخ	كربلاء	كوت	علي الغربي	شبكة	مشخاب	سماوة	بدعة	أمر	[illegible]
DATE	KARB-ALAA	KUT	ALIAL-GHARBI	SHABI-CHA	MUSHKHAB	SAMA-WA	BADAA	UR	MA. CI.
1			2.3						
2			0.5						
3									
4									
5									
6		11.2	4.9		6.0			5.8	
7	40.6	0.4	1.1		4.0	6.0	4.0		[illegible]
8			0.5						
9									
10									
11									
12					1.5				
13						3.4			
14			1.2				2.0		
15									7.6
16									
17									
18									
19									
20					2.0				
21									
22									
23									
24									
25									
26		1.5	1.7		1.0			2.0	
27							2.0		[illegible]
28		3.3	9.8		2.5			1.3	
29							4.0		
30									
31						0.4			
TOTAL	40.6	16.4	22.0	0.0	17.0	9.8	12.0	9.1	38.1

JANUARY 1962 .

(15) كانون الثاني ١٩٦٢

TABLE 14-f .

الهطول اليومي (ملليمترات)

DAILY PRECIPITATION (MILLIMETERS) , tr. < 0.05 mm

التاريخ	فاو	قلعة دزة	مكة سور	زيبار	كلالا	قرة داغ	شيخان	كويسنجق	الزاز
DATE	FAO	QALAT DIZZA	MERGA SOOR	ZEBAR	GALA-LA	QARADAGH	SHIKHAN	KOISI-NJANQ	[illegible]
1								1.0	
2						0.5			
3						2.4			
4						0.8		4.0	11.5
5		40.0				20.5	51.0	26.0	10.7
6						1.1			
7	2.8	15.0				16.0	26.0	3.0	1.0
8		40.0				41.3	15.0	47.0	15.5
9		7.5				1.1		5.0	5.7
10		6.5				8.5		8.0	2.5
11						11.3		14.0	27.2
12									
13									
14	12.2								
15	13.5								
16									
17									
18									
19									
20									
21				16.5			12.0		
22						11.0		15.0	13.9
23									
24									
25									
26	2.0		13.5		3.0		21.5		
27		17.5	1.7	30.2	2.0	41.0	12.0	15.0	16.0
28			0.5			9.4	20.0	4.0	
29		5.0	2.3	3.3	3.0	5.5		5.0	
30						1.6		4.0	4.9
31			0.2						
TOTAL	30.5	131.5	18.2	50.0	8.0	172.0	157.5	151.0	117.6

JANUARY 1962 .

TABLE 14-E.

الهطول اليومي (ملليمترات)

DAILY PRECIPITATION (MILLIMETERS) . tr. < 0.05 mm.

التاريخ	فتحة	قادر كرم	كفري	طاقطق	ديانا	العظيم	ك٢	طوسان	الدوايا
DATE	FATHA	QADIR KARAM	KOUFRI	TAQTAQ	DIANAH	ALEI-THAIM	K2	TUSAN	AL DUWAIA
1			2.0		2.1				
2								1.5	
3		10.2		4.0	3.3			17.0	
4	4.3	14.5	2.0	16.0	40.3		8.5	49.0	
5							6.0		
6	11.4	13.0	13.0	7.0		10.2	4.0	0.5	7.0
7	0.5	15.1	36.0	29.5	8.5	21.6	0.5	11.0	
8	tr.	5.5		tr.	3.5			8.5	
9	12.0	8.5		12.0	1.7			tr.	
10		4.7	2.0	18.0	15.7	0.6		2.0	
11								tr.	
12									
13									
14									
15									
16									
17									
18									
19									
20	tr.							0.5	
21		15.0	52.0	7.0	10.5			3.0	
22		4.0							
23									
24									
25									3.0
26	6.0	12.1	9.0	13.0	15.4	2.5	6.0	19.0	
27				3.0	0.6				
28	1.0	7.0	8.0	5.0		7.3			5.0
29		1.0	3.0	4.0	2.3				
30									
31									
TOTAL	35.2	110.6	127.0	118.5	103.9	42.2	25.0	112.0	15.0

JANUARY 1962 .

TABLE-15

CLIMATOLOGICAL SUMMARY الملخصات المناخيـــة

No. OF DAYS OF PHENOMENAS : عدد الايام التي حدثت فيها الظواهر الجويـــة

STATION	RAIN	SNOW	HAIL	THUNDER STORM	FOG	DUST	STATE OF SKY CLEAR	STATE OF SKY CLOUDY	GROUND FROST
BAGHDAD	7	0	0	1	6	1	5	2	10
MOSUL	13	0	0	1	5	0	4	14	11
SINJAR	11	1	0	0	3	0	"	"	"
KIRKUK	13	0	0	1	0	0	10	10	7
KHANAQIN	10	0	0	1	0	0	3	9	"
RUTBAH	4	0	0	1	2	0	2	3	2
HAI	4	0	0	0	0	0	7	5	0
DIWANIYA	6	0	0	1	0	0	"	"	0
NASIRIYA	6	0	0	0	1	1	8	0	0
BASRAH	6	0	0	1	2	0	9	0	3
HABBANIYA	5	0	0	0	9	0	3	1	2

TABLE - 16 .

DURATION OF SUNSHINE: مدة سطوع الشمس

STATION	MONTHLY TOTAL SUNSHINE HOURS	MAX. SUNSHINE IN ONE DAY HOURS	MAX. SUNSHINE IN ONE DAY DAY	No. OF DAYS WITHOUT SUNSHINE
BAGHDAD	189.2	9.7	23&24th	1
MOSUL	142.7	9.7	24th	6
BASRAH	226.9	10.1	30th	1
HABBANIYA	192.0	10.0	23rd	1

TABLE - 17 .

المعدل الشهري لحرارة التربة و الحشيش و السرعة القصوى للريح السطحي
MONTHLY MEAN OF : AND HIGHEST HOURLY WIND. (KNOTS)

STATION	GRASS MINIMUM TEMPERATURE	EARTH TEMPERATURE 0.3 M	EARTH TEMPERATURE 1.2 M	HIGHEST WIND KNOTS	DIRECTION	TIME GMT.	DAY
BAGHDAD	0.5	12.5	19.0	25	330	0900	15
MOSUL	...	9.4	14.4	28	120	0000	4
SINJAR	...	....	....	40	090	1800	26
KIRKUK	3.0	11.4	15.1	45	160	0000	5
KHANAQIN	....	....	....	41	180	0900	5
RUTBAH	....	....	....	30	270	1800	26
HAI	4.6	....	....	30	120	0300	5
DIWANIYA	....	....	....	25	110	0900	25
NASIRIYA	5.8	14.8	20.3	20	130	0300	1
BASRAH	3.5	....	....	20	160	1200	26
HABBANIYA	3.0	13.6	18.6	25	130	1800	4

Radiosonde observations at Standard levels (0001 G.M.T.) AT BAGHDAD AIRPORT

Day	1000-mbs.					850-mbs.					700-mbs.					600-mbs.					500-mbs.				
	HHH	TT	TdTd	dd	ff	HHH	TT	TdTd	dd	ff	HHH	TT	TdTd	dd	ff	HHH	TT	TdTd	dd	ff	HHH	TT	TdTd	dd	ff
1	015	13	05			151	09	00			309	53	62			429	61	72			566	69	83		
2	013	13	08	34	11	148	03	00	32	07	302	56	63	31	14	421	65	69	30	08	556	74	78	28	05
3	017	09	06	28	05	151	03	53	26	08	305	58	69	26	16	423	65	79	29	22	557	73	91	29	36
4	018	11	06	35	10	152	02	03	32	10	307	55	63	32	25	426	63	64	33	24	563	70	75	24	25
5	011	11	03			144	04	56			299	56	66			418	65	65			553	73	78		
6	015	07	54	28	07	148	06	68	25	11	304	52	64	26	29	425	66	73	25	35	563	70	79	25	55
7	010	12	11	06	14	145	06	03	08	19	302	53	58	19	14	423	60	63	21	26	561	70	73	20	28
8	013	09	07	21	04	147	03	00	00	00	302	55	62	22	15	421	61	76	23	30	559	71	86	24	26
9	015	12	05	00	00	148	04	00	29	08	305	56	60	27	15	425	63	70	27	16	561	74	83	26	17
10	017	10	07	20	08	152	05	52	26	09	306	56	62	27	17	426	63	75	28	24	562	73	88	27	37
11	017	13	05	30	05	152	05	51	25	10	306	58	59	26	14	424	66	68	28	13	560	75	77	27	18
12	020	09	08	30	06	153	03	52	25	09	307	59	65	25	10	425	69	76	26	18	560	74	92	27	40
13	018	11	08			153	06	55			308	56	60			428	62	77			565	72	87		
14	020	08	05	00	00	153	04	56	00	00	308	56	71	33	11	428	61	82	27	15	565	69	88	28	23
15	017	11	05	33	06	151	03	08	31	11	305	59	63	25	12	423	64	71	22	69	559	76	81	22	36
16	020	10	08	31	15	154	05	56	32	20	310	53	75	34	17	430	60	84	33	26	568	72	95	32	42
17	020	11	03	35	10	155	07	59	36	18	312	01	65	34	18	434	58	73	27	55	574	67	82	28	42
18	020	10	04	32	08	154	07	62	31	13	312	01	76	29	13	433	58	76	27	17	572	69	80	26	33
19	020	15	04	31	14	157	11	61	32	06	310	01	68	31	09	433	57	74	29	23	572	68	82	29	33
20	017	09	03	18	05	153	11	63	16	10	313	02	75	21	14	435	58	82	20	18	574	67	89	22	20
21	011	13	05	15	15	148	10	56	17	34	305	52	64	18	24	426	61	76	20	35	563	72	85	20	24
22	010	09	06	27	07	145	05	51	26	19	301	55	61	21	17	420	64	70	24	20	556	74	81	23	28
23	013	08	05	32	02	147	04	54	03	06	302	56	64	30	10	421	65	72	30	10	557	75	89	29	12
24	019	13	07	35	08	154	04	55	33	14	309	56	67	34	13	428	64	75	34	15	564	73	84	34	26
25	020	09	01	00	00	155	07	63	04	14	312	00	78	01	12	433	58	83	36	16	572	69	77	35	22
26	016	13	04	14	08	151	07	63	16	15	309	51	63	19	16	430	60	65	21	27	567	71	78	23	38
27	010	11	07	21	18	145	03	00	21	24	300	59	61	20	25	417	66	70	19	30	551	74	77	20	35
28	017	08	07	00	00	149	03	52	32	08	306	00	79	26	18	427	58	89	26	19	566	69	97	25	28
29	015	13	06	16	07	148	05	56	16	16	303	57	62	22	30	422	63	70	22	45	558	75	81	22	47
30	019	10	07	13	08	153	02	00	00	00	307	55	67	27	22	427	63	78	29	22	560	73	87	31	32
31	021	12	02	34	08	155	02	57	23	08	311	02	75	23	11	432	60	79	23	16	570	70	88	24	22
Mean	016	11	05			151	05	55			306	54	66			426	62	74			563	72	84		

NOTES: Heights are in Decameters in all Levels. Temperatures & Dew Point in Degrees Centigrade. Temperatures and Dew point below freezing are added 50 .

RADIOSONDE OBSERVATIONS AT STANDARD LEVELS (TIME 0001 G.M.T.) AT BAGHDAD AIRPORT

DATE	400-mbs.,					300-mbs.,					200-mbs.,					150-mbs.,					100-mbs.,				
	HHH	TT	TdTd	dd	ff	HHH	TT	TdTd	dd	ff	HHH	TT	TdTd	dd	ff	HHH	TT	TdTd	dd	ff	HHH	TT	TdTd	dd	ff
1	728	82	94			925	98	07			1186	03	12			1371	04	13			1629	11	20		
2	715	97	03	21	08	908	02	09	20	22	1166	05	12	24	27	1350	04	13	23	46	1608	09	18	24	45
3	717	86	02	28	24	910	02	16	29	36	1166	10				1347	07				1603	08			
4	725	84	88	35	26	919	94	04	35	40	1176	13	20			1352	14				1600	16			
5	713	86	94			905	03	09			1159	15				1335	13				1583	17			
6	724	83	88	25	58	920	00	04	25	85	1175	11	16			1356	09	14			1608	11	17		
7	723	81	84	18	54	921	97	01	18	40	1178	10	15	22	78	1357	10	14	22	63	1615	08	13	22	60
8	719	85	98	24	35	914	99	08	25	48	1175	06	16			1357	09	18							
9	719	87	94	26	23	916	93	03	26	66	1184	07	13	26	62	1368	07	18	25	75	1623	08	20		
10	723	81	00	28	30	922	92	12			1187	07	26			1370	08	29			1620	14			
11	718	89	95	27	26	914	92	09	76	06	1181	01	11	24	64	1367	06	18			1620	13			
12	721	83	02	26	61	918	96	13	26	58	1180	09		25	85	1361	08		26	65	1616	11		26	85
13	725	85	98			920	97	09			1182	09	19			1363	07	17			1619	09	20		
14	728	81	97	26	46	924	97	10	25	78	1184	11	24			1363	12	30			1612	14	27		
15	716	88	95	22	70	910	98	07	24	90	1175	02		23	38	1360	08		23	28	1610	11		24	40
16	729	81	02	35	48	926	97	16	30	60	1188	06		26	55	1370	10		26	53	1621	14		27	55
17	737	80	94	28	25	936	95	04			1196	12	20			1374	10	18			1625	15			
18	734	80	86	26	37	932	94	99	28	70	1192	08	14	26	88	1373	09	17			1622	19			
19	735	80	95	29	43	936	94	07	28	43	1199	05	17	28	61	1381	10				1630	17			
20	737	81	95	24	27	935	94	06	24	37	1200	04	15	25	54	1382	11				1631	16			
21	723	83	96	20	53	920	97	09	21	59	1184	01	13	24	76	1371	05	18							
22	716	82	93	25	50	915	94	05	25	40	1180	00		25	69	1367	03		26	58	1625	10			
23	714	89	99	28	18	907	96	06	27	28	1174	99	09			1361	04	13			1616	10			
24	724	82	95	31	32	922	95	08	29	35	1186	06	17	28	80	1369	07	18			1625	09			
25	733	83	89	32	22	930	94	03			1196	03	14												
26	729	81	92	24	57	927	97	04	24	81	1190	05	10	23	60	1371	11	16							
27	711	83	89			910	90	01			1180	00	11			1367	05				1623	10	21		
28	728	83	02	24	38	923	95	12	24	55	1189	05				1371	06				1628	08			
29	719	86	92	23	65	911	96	09			1175	05	19			1360	03	16			1619	07	22		
30	723	85	97			918	98	09			1177	06	21			1360	08	20			1615	08	19		
31	730	83	00	25	19	927	99	10	27	28	1180	12	23	26	50	1360	15		26	73	1610	13			
MEANS	724	84	95			920	96	07			1182	06	16			1364	08	17			1617	12	20		

TABLE 19-a (20) Month: January 1962.

BAGHDAD AIRPORT

Frequency of horizontal visibility

T I M E - G.M.T.

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -200M			1	1	2	3	1	1	1														1		11
>200 -500M	1						1			1															3
>500 -1000M		1	1	1	2	3	2	1				1/1	1/1	1/1									1	1	16
>1000 -1500M		1				2	1	1							1					1					7
>1500 -3000M		1	1	1	7	6	2	4	3	2	1			1					1		1			2	33
>3 -5KM	4	2	2	2	4	5	7	4	2	2	3	2		1	1	4	2	1	1	1	1		1	1	53
>5 -10KM	1	3	3	4	10	6	7	1	8	4	3	5	5	4	8	14	8	5	5	3	1	2	2	2	114
>10 -15KM	16	12	17	16	6	6	9	16	13	16	17	10	13	14	16	13	17	17	10	8	9	10	12	10	303
>15KM	9	11	6	6			1	3	4	6	7	13	12	10	5		4	8	14	18	19	19	14	15	204
Total	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	744

Frequency of different heights of cloud-base (amount 5-8 Oktas)

Height	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -50M																									
>50 -150M																									
>150 -300M												1													1
>300 -500M	1	1	1	1					1	3	4	3	3	2	2	2	1	1	1	1	1	1		1	31
>500 -900M	2	1	1	1	2	2	2	2	3	2	1	1	2	2					1	1			1	1	28
>900	28	29	29	29	29	29	29	29	27	26	26	26	26	27	29	29	30	30	29	29	30	30	30	29	684

NOTE: In fi[illegible] contai[illegible]ng two numbers the fi[illegible] one gi[illegible] the case with du[illegible] in the air. [illegible] second number shows [illegible] total.

TABLE - 19-b

BASRAH AIRPORT

Month: January 1962.

Frequency of horizontal visibility

TIME - G.M.T.

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -200M																									
>200 -500M			1	1																					2
>500 -1000M																									
>1000 -1500M		1			1						1	1													4
>1500 -3000M					2	3	2												1	1					9
>3 -5KM					2	6	1	1		1	2	2	1	2	1	1	2	2	1	1	1				27
>5 -10KM	3	3	5	7	11	5	5	1	1/3	3			2	2	2	1/4				1	2	3	2	3	67
>10 -15KM	6	7	7	11	9	6	4	9	4	6	5	3	4	3	6	4	7	6	3	2	6	4	5	4	131
>15KM	22	20	18	12	6	11	19	20	24	21	23	25	24	24	22	22	22	23	26	26	22	24	24	24	504
TOTAL	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	744

Frequency of different heights of cloud-base (amount 5-8 Oktas)

Height	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -50M																									
>50 -150M																									
>150 -300M																									
>300 -500M																									
>500 -900M																									
900M	7	8	9	9	11	15	15	16	15	16	13	14	13	14	13	12	11	9	7	8	6	6	6	6	259

NOTE:

In fields containing two numbers the first one gives the cases with dust in the air. the second number shows the total.

BAGHDAD AIRPORT

Simultaneous occurrences of specified visibility ranges and specified lowest cloud - base (≥5 Oktas)

METERS	0-200M			>200-500M			>0.5-1KM			>1-1.5KM			>1.5-3KM			>3-5KM			>5-10KM			>10-15KM			>15KM			TOTAL		
0-50																														
>50-150																														
>150-300																														
>300-500																						1		1				1	1	
																			1	1	2	1	1		1			2	3	2
>500-900																				2	1		6		1	3		1	1	11
																			1	1	2		1					2	1	2
																					2	2						2	2	
																		1		3			7					1		10
< 5/8 OR *		1	1	1		1		1	2			1		1	2	4	2	7	1	3	6	14	15	8	8	6	1	28	29	29
>900				1				1					2			2		4	4	4	13	12	10	12	6	11		27	26	29
AND ≥5/8			2			3			4			1	1		6	1		20	4	2	37	9	10	90	14	18	64	29	30	227
		1	1	1		1		1	2			1		1	2	4	2	7	1	4	7	16	16	9	9	6	1	31	31	31
TOTAL				1				1					2			2		4	4	5	14	16	13	13	6	12		31	31	31
			2			3			4			1	1		6	1		20	5	2	42	10	10	103	14	19	67	31	31	248

NOTE:

The nine fields for each combination of visibility and height contain the number of occurrences fordifferent times using the following model :

00	03	06
09	12	15 G.M.T
18	21	To

To= Total for all hours

*ALL CASES WITH CLOUD AMOUNT OF LESS THAN 5/8 ARE ENTERED HERE.

BASRAH AIRPORT

Simultaneous occurrences of specified visibility ranges and specified lowest cloud-base (≥5 Oktas)

METERS	VISIBILITY 0-200M			≥200-500M			≥0.5-1KM			≥1-1.5KM			≥1.5-3KM			≥3-5KM			≥5-10KM			≥10-15KM			≥15KM			TOTAL		
0-50																														
≥50-150																														
																									1			1		
≥150-300																											1			1
≥300-500																														
																											1			1
≥500-900																											1			1
<5/8 OR *				1											2			1	3	8	5	6	11	4	21	11	19	30	31	31
≥900																1	1	1	2	2	4	6	3	4	22	25	21	31	31	30
AND ≥5/8					1							1			3	1		5		3	27	2	4	40	27	24	170	31	31	246
				1											2			1	3	8	5	6	11	4	22	11	19	31	31	31
TOTAL																1	1	1	2	2	4	6	3	4	22	25	22	31	31	31
					1							1			3	1		5		3	27	2	4	40	27	24	172	31	31	248

NOTE:

The nine fields for each combination of visibility and height contain the number of occurrences for different times using the following model :

00	03	06
09	12	15 G.M.T
18	21	To

To=Total for all hours.

*ALL CASES WITH CLOUD AMOUNT OF LESS THAN 5/8 ARE ENTERED HERE

الجمهورية العراقية

وزارة المواصلات

مديرية الطيران المدني العامة

REPUBLIC OF IRAQ

MINISTRY OF COMMUNICATIONS

DIRECTORATE GENERAL OF CIVIL AVIATION

مديرية الانواء الجوية

METFOROLOGICAL DEPARTMENT

شعبة المناخ

CLIMATOLOGICAL SECTION

تقرير المناخ الشهري

Monthly Climatological Data

No. 2
Vol. 25
Month February
Year 1962

العـــدد ٢
مجلـــد ٢٥
الشهر شباط
السنة ١٩٦٢

FEBRUARY 1962 (2)

الجمهورية العراقيـــــة

وزارة المواصلات

مديرية الطيران المدني العامـــة

مديرية الانواء الجويـــــة

شعبة المناخ

بغداد

I R A Q R E P U B L I C
MINISTRY OF COMMUNICATIONS
DIRECTORATE GENERAL OF CIVIL AVIATION
METEOROLOGICAL DEPARTMENT
CLIMATOLOGICAL SECTION

B A G H D A D

معلومات مناخية شهرية لشهر شباط ١٩٦٢ .

MONTHLY CLIMATOLOGICAL DATAS FOR FEBRUARY 1962 .

مجلد ٢٥ ، عدد (٢) شبـــــــاط ١٩٦٢ .

VOLUME 25 , No. (2) , FEBRUARY 1 9 6 2 .

C O N T E N T S

	TABLE	PAGE
General situation of the month	-	a
Daily mean temperatures	1	1
" " pressure at M.S.L.	2	2
" " relative humidity	3	3
Daily maximum and minimum temperatures	4ab	4-5
Monthly mean dry bulb temperatures	5	6
" " wet " "	6	6
" " pressure at M.S.L.	7	6
" " relative humidity	8	6
" " vapour pressure	9	7
" " dew point	10	7
" " low cloud amount	11	7
" " total cloud amount	12	7
Surface-Wind, number of observations of	13ab	8-9
Daily precipitation	14a-g	10-16
Climatological summary	15	17
Duration of sunshine	16	17
Monthly mean temperatures of grass minimum with highest hourly wind speed (Gusting)	17	17
Baghdad radiosonde observations	18ab	18-19
Frequency of horizontal visibility at Baghdad & Basrah	19ab	20-21
Combined statistics of visibility and cloud base at Baghdad & Basrah	20ab	22-23

المحتويـــــــات

لمحة عامة عن التقرير الشهري
المعدل اليومي لدرجات الحرارة
المعدل اليومي للضغط الجوي على سطح البحر
المعدل اليومي للرطوبة النسبيـــــــة
درجات الحرارة العظمى و الصغرى اليومية
المعدل الشهري لدرجات الحرارة للبصلة الجافة
" " " " الرطبة
" " للضغط الجوي على سطح البحر
" " للرطوبة النسبيـــــــة
" " لضغط البخار
" " لدرجة الندى
" " لمجموع كمية الغيوم الواطئة
" " لمجموع كمية الغيوم الكلية
عدد تكرار رصدات الرياح السطحيـــــة
الهطول اليومي
الملخصات المناخيـــــة
مدة سطوع الشمس
المعدل الشهري لدرجات حرارة الحشيش و التربة و اقصى سرعة ريح خلال ساعة
رصدات الراديوسوند في بغداد
ذبذبات كل من مدى الروية و ارتفاع الغيوم في بغداد و البصرة
احصائيات مزدوجة لمدى الروية و لقاعدة الغيوم في بغداد و البصرة

شباط ١٩٦٢

كان الجو خلال معظم ايام الشهر غير مستقرا وذلك لمرور موجات من الضغط الجوي المنخفض والتي عبرت العراق من الجهة الغربية الى الجهة الشرقية حيث سببت زخات مطر محلية على الاقسام الشمالية والوسطى من القطر وعواصف غبار محلية في القسم الجنوبي واصبح الجو مستقرا من ١١ الى ١٨ من شباط وايضا من ٢٢ الى ٢٦ منه وذلك لتأثير الضغط الجوي العالي الذي تمركز على القطر في الايام المذكورة .

FEBRUARY 1962

For the greater part of the month the weather was disturbed on account of a succession of low pressure waves which moved across the Country from the western sector to the eastern sector .

There were local showers over northern and central areas and scattered duststorms in south.

The weather was settled from 11th to 18th and again from 22nd to 26th February 1962 , under the influence of anticyclonic systems which prevailed over the country on those days .

NOTES ON TABLES

AIR PRESSURE : - Is expressed in Millibars, the initial 9 or 10 is being omitted. One millibar equals 1000 dynes per sq.cm. All mean pressure are reduced to Mean Sea Level .

TEMPERATURE : - (In Centigrade), the measurements of temperatures are made in Stevenson (Louvred) Screens in the open. The height of the thermometer bulbs is approximately 1.3 meters above the ground level .

HUMIDITY : - The values given depend on the readings of the dry & wet bulbs thermometers in Stevenson Screens.

RAINFALL : - (Millimeters), The daily amount is for 24 hours from 0600 G.M.T. on the day of entry to 0600 G.M.T. on the next day. A day is reckoned as a day of rain if the total rainfall is 0.2 mm. or more .

WEATHER :- Days of Fog or Dust are thus on which the range of vision is less than 1000 meters at any time of the day .

CLEAR DAYS :- Are those on which the average cloud amount at all observation hours is 0 or 1 Okta . Cloudy days are those on which the average cloud amount is 7 or 8 Oktas .

ALL TIMES ARE G.M.T. = Local time Minus 3 Hours .

TABLE - 1 . المعدل اليومي لدرجات الحرارة (سنتغراد)

DAILY MEAN TEMPERATURES (C°) OF 8 OBSERVATIONS

DATE	BAGHDAD	MOSUL	SINJAR	KIRKUK	RUTBAH	HAI	DIWANIYA	NASIRIYA	BASRAH	HABBANIYA
1	12.7	8.8	10.6	12.1	7.5	11.9	11.9	13.7	14.4	12.5
2	15.7	11.1	11.5	13.1	9.2	16.5	14.8	16.6	16.4	15.3
3	17.4	12.3	10.1	14.6	10.1	17.3	16.5	19.4	15.2	16.8
4	15.9	11.6	9.2	14.4	10.6	17.5	16.4	18.2	19.7	[illegible]
5	13.2	9.8	7.7	10.3	9.2	15.1	13.8	15.7	17.8	[illegible]
6	12.6	10.3	8.8	11.2	8.7	12.9	12.9	12.8	16.4	[illegible]
7	12.7	7.8	8.8	9.7	9.5	13.5	13.3	15.0	15.1	[illegible]
8	12.1	7.4	8.1	9.8	8.4	13.0	12.8	14.2	14.6	[illegible]
9	12.9	9.5	7.8	9.3	9.2	13.9	12.1	13.2	15.3	[illegible]
10	11.6	8.2	9.8	9.2	8.4	13.6	12.8	12.4	13.3	[illegible]
11	11.4	7.7	9.7	10.9	9.1	12.6	12.2	12.7	13.5	[illegible]
12	12.4	8.7	10.2	10.5	10.4	14.4	14.4	14.6	14.8	[illegible]
13	14.3	8.0	8.9	11.5	9.5	15.2	13.6	14.5	14.3	[illegible]
14	13.9	8.4	9.9	12.2	11.5	15.8	15.0	14.7	15.6	[illegible]
15	16.5	12.9	13.5	15.5	13.7	17.2	16.5	17.5	17.6	[illegible]
16	14.8	10.4	12.6	15.2	14.1	17.6	17.0	18.3	19.6	[illegible]
17	17.0	9.6	9.7	11.9	12.4	21.2	18.9	20.6	21.6	[illegible]
18	12.2	9.1	6.9	9.7	9.4	14.5	13.4	15.3	16.6	[illegible]
19	14.3	11.8	9.6	12.0	10.5	15.1	14.1	14.5	14.5	[illegible]
20	14.1	8.6	6.7	9.5	6.6	16.5	14.4	16.5	17.8	[illegible]
21	9.0	4.6	2.8	5.2	4.2	11.0	10.4	11.6	12.6	8.1
22	9.9	4.9	4.9	6.3	4.2	11.5	10.9	10.3	11.2	8.0
23	8.8	5.1	6.6	6.8	6.2	10.9	9.9	9.9	11.3	8.1
24	10.3	8.0	10.5	10.0	8.6	12.2	10.5	11.1	12.0	10.2
25	12.9	8.6	12.9	11.2	10.9	14.0	13.2	13.9	13.4	12.3
26	13.9	10.6	13.7	13.2	14.1	16.4	15.7	15.5	15.7	14.7
27	16.8	12.8	11.3	14.6	13.4	18.3	16.8	17.1	16.3	16.8
28	15.0	10.4	10.9	12.2	11.1	14.6	15.6	15.7	16.2	15.3
MEANS	13.4	9.2	9.1	11.1	9.6	14.8	13.9	14.9	15.6	12.8
NORMAL	11.7	8.8	9.1	10.4	9.7	13.9	13.0	14.2	14.6	12.0
YEARS ON NORMAL	1937	1923	1962	1935	1928 to 1956	1940	1939	1940	1937	1935

NOTE: T I M E - G . M . T .

$$\frac{0000+0300+0600+0900+1200+1500+1800+2100}{8} = \text{DAILY MEAN}$$

FEBRUARY 1962 (TABLE - 2)

(2)

شباط ١٩٦٢

DAILY MEAN PRESSURE (MILLIBARS) AT M.S.L. المعدل اليومي للضغط الجوي على سطح البحر (بالملي بارات)

التاريخ DATE	بغداد BAGHDAD	موصل MOSUL	سنجار SINJAR	كركوك KIRKUK	رطبة RUTBAH	حي HAI	ديوانية DIWANIYA	ناصرية NASIRIYA	بصرة BASRAH	حبانية HABBANIYA
1	1021.6	1023.7	1022.9	1023.1	1019.5	1020.6	1020.3	1020.7	1020.6	1021.2
2	18.3	21.2	20.7	20.5	17.3	17.1	16.6	16.2	18.2	17.4
3	14.2	15.5	14.9	15.3	14.2	13.8	13.1	13.0	20.5	13.6
4	13.0	13.3	13.9	13.6	13.2	13.0	12.4	12.2	13.8	12.7
5	17.5	17.3	16.6	15.4	17.1	15.8	16.8	15.3	14.8	17.6
6	18.1	19.4	19.3	19.0	15.9	17.1	17.5	17.0	17.6	17.6
7	15.1	16.1	14.9	16.6	15.1	12.4	13.9	12.4	12.5	15.1
8	17.1	18.6	17.2	18.0	26.2	16.1	17.0	16.6	15.4	16.6
9	21.4	23.3	23.6	22.9	22.3	19.7	21.1	22.0	20.0	21.7
10	26.4	27.6	26.9	26.9	26.9	24.5	26.3	25.5	24.2	26.7
11	23.9	25.5	25.1	24.2	23.0	22.6	23.7	23.1	22.9	23.9
12	22.3	23.3	22.5	22.9	20.8	21.2	21.9	21.1	21.2	21.9
13	22.9	24.9	24.4	23.6	22.3	21.6	22.5	21.6	21.3	22.9
14	22.9	24.8	24.0	23.3	20.3	21.6	22.3	21.5	21.3	22.5
15	16.1	17.5	16.8	17.2	13.9	16.4	15.7	16.3	17.8	15.3
16	14.7	15.6	14.9	15.3	14.5	13.9	14.4	13.5	14.0	14.7
17	07.2	08.3	06.8	08.7	08.7	06.1	06.8	06.4	08.2	07.3
18	15.5	14.4	13.8	15.6	14.7	15.0	15.7	14.8	14.2	15.1
19	13.8	12.6	12.5	14.3	10.0	14.3	13.8	14.2	15.2	12.3
20	06.5	04.7	03.7	05.9	06.9	06.4	07.6	07.8	08.8	06.2
21	17.3	15.2	13.8	16.6	16.6	17.6	17.8	17.9	18.4	16.7
22	24.6	26.2	25.5	25.7	24.1	23.1	23.9	22.8	22.7	24.4
23	24.3	26.1	25.9	24.5	23.5	22.6	23.9	22.7	21.8	24.3
24	17.6	18.7	18.1	17.5	18.1	16.1	17.3	16.6	16.7	17.6
25	14.8	16.1	15.3	15.2	15.3	13.5	14.6	13.9	14.6	14.9
26	14.0	15.3	13.9	14.7	12.0	13.2	13.5	13.1	13.9	13.5
27	11.1	13.2	12.7	12.5	10.9	10.0	09.8	10.0	11.9	09.5
28	11.7	10.9	11.3	12.2	11.5	10.8	11.3	10.7	10.9	11.1
MEANS	1017.3	1018.2	1017.6	1017.9	1017.0	1016.3	1016.8	1016.4	1016.9	1016.9
NORMAL	1017.1	1017.2	1017.0	1016.7	1017.2	1016.9	1016.4	1016.6	1016.6	1016.6

STATIONS	HIGHEST	DAY	YEAR	TIME	LOWEST	DAY	YEAR	TIME
	1962							
BAGHDAD	1027.8	10th	1962	0600	1002.3	17th	1962	0900
MOSUL	1028.6	22	"	2100	1002.3	20	"	1200
SINJAR	1027.6	23	"	0300	1002.2	17	"	1500
KIRKUK	1028.1	22	"	2100	1003.5	20	"	1200
RUTBAH	1028.3	10	"	0600	1005.9	17	"	1500
HAI	1025.4	10	"	0600	1002.1	17	"	1200
DIWANIYA	1028.0	10	"	0600	1001.6	17	"	1500
NASIRIYA	1026.7	10	"	0600	1001.3	17	"	1800
BASRAH	1025.5	10	"	0600	1003.2	17	"	1200
HABBANIYA	1028.1	10	"	0600	1003.3	17	"	
	RECORDS							
BAGHDAD	1033.7	8	1950	0600	998.4	2	1956	1800
MOSUL	1035.7	8	1950	0600	1000.8	22	1952	1500
SINJAR	1027.6	23	1962	0300	1002.2	17	1962	1500
KIRKUK	1034.4	8	1950	0600	1000.3	26	1949	0300
RUTBAH	1037.9	8	1950	0000	999.0	9	1941	1300
HAI	1032.4	8	1950	0600	1000.3	29	1956	0000
DIWANIYA	1034.9	8	1950	0600	997.9	28	1956	2100
NASIRIYA	1033.3	8	1950	0600	998.1	28	1956	2100

FEBRUARY 1962 .

TABLE - 3 .

المعدل اليومي للرطوبة النسبية (٪)

DAILY MEAN RELATIVE HUMIDITY (%) OF 8 OBSERVATIONS

التاريخ	بغداد	موصل	سنجار	كركوك	رطبة	حي	ديوانية	ناصرية	بصرة	حبانية
DATE	BAGH-DAD	MOSUL	SINJAR	KIRKUK	RUTBAH	HAI	DIWA-NIYA	NAST-RIYA	BASRAH	HABBA NIYA
1	80	87	70	72	77	86	79	63	64	83
2	68	80	85	66	78	73	79	74	85	73
3	77	87	98	80	70	81	72	70	85	76
4	89	94	97	92	67	84	87	72	83	87
5	65	78	86	78	42	66	63	64	80	63
6	71	82	86	71	50	77	64	57	60	74
7	72	86	84	84	54	89	72	75	75	86
8	71	84	86	78	52	70	57	52	68	67
9	68	81	90	83	62	66	59	51	57	76
10	67	88	66	78	64	65	65	60	68	75
11	64	80	68	64	60	70	62	59	69	74
12	58	81	71	69	54	62	54	55	63	67
13	55	83	51	64	64	59	58	82	64	63
14	48	77	56	58	50	53	53	49	58	53
15	44	71	54	41	42	49	46	45	62	51
16	63	83	69	52	46	58	55	47	54	65
17	66	81	73	69	52	46	48	44	54	61
18	57	75	84	66	57	61	58	49	68	59
19	51	67	69	50	50	59	50	50	77	49
20	49	76	87	67	66	48	45	42	62	54
21	58	80	87	75	57	58	49	44	54	66
22	53	74	66	57	57	51	48	49	54	61
23	52	67	61	55	53	45	46	43	55	60
24	57	73	44	55	52	49	49	43	60	60
25	56	76	45	48	47	48	46	47	59	58
26	51	72	56	50	39	50	43	44	63	55
27	45	73	71	49	49	50	46	59	73	50
28	77	88	72	73	58	86	79	78	88	70
MEANS	62	79	73	66	56	63	58	56	67	66
NORMAL	62	79	73	69	61	62	62	61	73	6[illegible]

1 9 6 2

STATION	HIGHEST	TIME GMT.	DAY	LOWEST	TIME GMT.	DAY
BAGHDAD	98	0000	8th	18	0900	27th
MOSUL	98	0300	8&11	32	1200	23
SINJAR	99	0300	21	32	1200	24
KIRKUK	97	0000	9	19	1200	15
RUTBAH	96	0300	1	19	0900	26
HAI	96	0300	7	27	1200	17
DIWANIYA	95	0300	4	22	1200	22
NASIRIYA	90	0000	4	18	1200	15
BASRAH	100	1500	27	24	1200	15
HABBANIYA	98	0000	8	28	1200	26

JANUARY 1969

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

DATE	BAGHDAD		MOSUL		SINJAR		KIRKUK		KHANAQIN		RUTBAH	
	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	17.6	6.8	16.8	2.6	13.8	5.8	[illegible]	[illegible]	[illegible]	[illegible]	14.2	5.7
2	20.8	9.6	16.4	3.2	13.0	6.8	[illegible]	8.0	21.7	8.9	15.8	5.2
3	22.3	10.6	15.3	10.3	11.[illegible]	8.3	18.4	10.9	23.3	[illegible]	15.3	4.1
4	22.3	11.2	16.0	6.1	17.6	5.6	16.7	12.7	19.4	11.1	17.0	6.0
5	16.4	8.4	14.6	5.0	11.2	3.8	14.8	6.8	16.7	12.0	14.4	2.[illegible]
6	14.9	7.7	13.4	7.7	10.1	4.8	15.0	6.9	13.9	6.1	12.0	4.7
7	17.7	9.8	13.9	8.4	11.5	5.1	11.4	9.0	13.9	10.0	15.5	5.0
8	20.1	2.0	13.7	2.0	10.3	5.7	15.9	4.2	17.2	5.0	15.5	0.7
9	18.8	5.2	15.9	6.5	11.3	4.8	14.3	6.3	17.2	0.1	14.3	2.4
10	18.2	4.2	15.8	3.2	13.1	5.1	14.2	4.0	16.7	1.6	16.0	0.9
11	18.7	3.1	15.4	2.0	12.1	5.2	18.7	5.7	17.8	2.8	17.2	0.6
12	20.1	4.5	16.1	1.6	12.2	5.0	17.8	4.6	18.3	0.8	19.9	2.6
13	21.3	6.9	15.8	5.2	12.1	4.1	17.1	7.3	19.4	3.5	17.2	4.0
14	20.3	6.8	16.2	0.0	13.3	3.2	19.4	4.6	20.0	2.8	19.0	3.0
15	22.5	10.3	20.9	8.1	18.5	4.2	21.9	10.2	23.9	7.8	23.0	7.5
16	22.5	5.4	20.0	4.2	16.3	7.1	23.0	9.0	23.3	7.2	23.0	3.6
17	23.2	8.7	14.2	4.4	13.2	7.3	16.3	7.8	24.0	7.8	17.3	7.0
18	17.4	6.6	15.9	3.7	11.2	2.1	15.8	3.7	16.1	3.0	15.4	3.[illegible]
19	21.1	5.2	17.2	7.2	13.2	4.2	18.6	5.0	19.4	3.0	17.6	2.2
20	20.1	7.8	12.7	8.2	9.1	5.1	12.4	8.5	17.0	7.8	10.8	6.0
21	14.5	2.7	8.7	1.1	6.2	-1.0	10.3	2.1	11.1	4.4	9.8	-1.[illegible]
22	15.6	1.3	12.8	-2.0	8.1	-1.1	13.7	0.8	13.3	-0.5	11.5	-2.8
23	16.2	-1.2	12.4	-1.4	11.1	1.2	12.3	0.2	14.4	-2.5	15.5	-3.2
24	18.3	0.8	15.8	1.6	15.9	4.2	20.1	2.5	18.3	-0.6	15.7	1.7
25	21.5	2.4	18.7	1.2	17.3	6.4	18.3	3.8	19.4	2.2	19.6	0.8
26	21.1	4.1	20.0	1.4	15.8	6.3	19.7	5.3	20.6	0.5	21.4	1.0
27	23.1	9.0	17.8	8.5	15.2	8.2	19.7	10.1	22.2	7.2	21.0	6.8
28	20.0	10.0	17.6	8.8	14.2	8.1	19.4	10.0	17.2	10.0	17.0	6.3
MEANS	19.5	6.1	15.7	4.4	12.9	4.8	16.8	6.3	18.3	5.4	17.0	3.4
NORMAL	18.4	7.4	14.3	3.2	12.9	4.8	15.1	5.0	17.2	2.7	15.6	2.7

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
BAGHDAD	30.0	26th	1941	-5.0	9th	1950
MOSUL	26.7	28	1955	-9.4	10	1949
SINJAR	17.3	25	1962	-1.1	22	1962
KIRKUK	26.6	25	1941	-6.7	4	1947
KHANAQIN	29.4	9	1944	-4.4	9	1950
RUTBAH	31.7	24	1941	-8.3	11	1949

FEBRUARY 1962.

TABLE 4(b).

DAILY MAXIMUM AND MINIMUM TEMPERATURES

	HAI		DIWANIYA		NASIRIYA		BASRAH		HABBANIYA	
DATE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	14.4	9.0	14.1	9.4	19.5	11.4	19.0	11.1	17.5	[illegible]
2	21.4	10.4	21.3	8.4	22.0	11.4	21.1	12.0	21.8	[illegible]
3	20.4	13.9	22.8	10.0	25.5	15.2	22.4	15.2	21.6	[illegible]
4	20.0	14.0	19.0	12.8	20.5	14.6	22.9	17.6	18.5	[illegible]
5	17.2	15.8	17.5	10.8	18.6	16.4	22.0	16.8	17.0	[illegible]
6	18.2	7.0	18.2	7.4	24.0	7.8	24.0	11.8	15.2	[illegible]
7	15.8	8.4	18.2	9.6	21.0	11.2	26.7	13.4	14.0	[illegible]
8	19.3	6.2	21.2	5.3	20.3	7.2	19.5	11.3	19.8	[illegible]
9	19.7	5.6	18.1	5.5	21.0	5.4	21.7	6.2	17.8	[illegible]
10	18.4	7.0	18.0	6.0	19.4	5.5	20.6	9.0	18.0	[illegible]
11	20.3	5.0	20.2	4.1	20.0	5.5	20.5	5.4	18.9	[illegible]
12	22.3	6.2	21.4	7.2	22.6	8.1	22.1	7.5	20.0	[illegible]
13	22.4	8.5	21.4	7.0	21.1	10.1	19.4	8.0	20.4	8.1
14	21.4	8.7	22.5	7.7	23.1	5.7	22.9	9.9	21.7	[illegible]
15	22.8	8.4	24.1	10.3	26.9	8.5	26.9	9.8	22.5	11.7
16	24.9	8.6	24.5	9.8	25.4	12.6	28.6	14.0	22.8	8.2
17	28.2	11.3	30.4	10.2	32.6	9.2	31.4	11.1	21.6	11.9
18	19.8	10.2	19.1	8.6	20.2	12.4	22.1	15.8	19.1	7.1
19	22.3	4.6	22.5	6.0	23.0	4.2	21.1	5.9	21.8	7.2
20	22.5	8.8	22.2	8.2	23.5	10.5	27.8	10.2	19.0	10.6
21	16.8	4.6	15.9	4.0	17.5	6.8	16.6	10.4	14.2	4.6
22	17.0	2.3	17.6	4.0	17.5	2.0	17.8	3.7	16.1	-0.7
23	16.4	1.6	17.0	2.6	17.7	0.7	18.4	3.8	16.0	-0.1
24	18.2	1.8	18.6	2.1	19.4	2.0	18.1	4.4	18.9	2.2
25	20.8	3.8	22.4	4.4	22.4	6.4	22.6	4.2	21.4	4.4
26	22.8	6.0	23.1	4.8	23.8	5.3	23.5	7.2	23.0	4.7
27	24.9	8.0	23.5	10.0	23.0	15.5	24.1	13.2	24.2	9.5
28	18.0	12.6	20.9	11.4	19.5	14.0	23.8	12.2	20.2	11.9
MEANS	20.2	7.8	20.6	7.4	21.8	8.8	23.4	10.1	19.4	7.0
NORMAL	19.8	6.7	19.5	5.0	20.6	7.6	20.5	9.0	18.7	5.9

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
HAI	29.4	24&27	1941	-3.9	10th	1945
DIWANIYA	32.0	22	1955	-7.2	9	1950
NASIRIYA	32.6	17	1962	-3.9	9	1950
BASRAH	31.4	17	1962	-2.2	9	1950
HABBANIYA	30.6	24&26	1941	-5.0	8&9	1950

TABLE - 5 . المعدل الشهري لدرجات الحرارة للبصلة (سنتغراد)

MONTHLY MEAN DRY BULB TEMPERATURES (C°)

	TIME - G.M.T.								
STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	9.8	8.5	11.3	17.2	18.8	16.6	13.2	11.5	13.4
MOSUL	6.1	5.3	7.6	12.7	14.5	11.8	8.7	7.1	9.2
SINJAR	....	6.5	7.8	10.3	11.6	10.4	8.8	....	9.5
KIRKUK	8.3	7.6	10.5	14.6	15.8	12.6	10.3	9.2	11.1
KHANAQIN	....	7.4	10.5	16.7	17.8	15.5	11.1	....	13.2
RUTBAH	5.8	4.5	7.5	13.8	15.8	13.9	9.5	7.0	9.7
HAI	....	8.8	12.8	18.3	19.7	16.2	13.0	....	14.8
DIWANIYA	9.9	8.6	12.3	18.1	20.2	17.1	13.7	11.2	13.8
NASIRIYA	11.2	9.8	13.5	19.0	21.2	18.3	14.4	12.3	15.0
BASRAH	12.3	11.4	14.8	20.2	21.5	17.7	15.1	13.3	15.8
HABBANIYA	9.0	7.9	10.8	16.9	18.4	15.6	12.2	10.6	12.7

TABLE - 6 . المعدل الشهري لدرجات الحرارة للبصلة الوطبة (سنتغراد)

MONTHLY MEAN WET BULB TEMPERATURES (C°)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	7.8	6.7	8.6	11.7	12.3	11.7	9.8	8.8	9.7
MOSUL	5.4	4.6	6.4	9.2	9.8	9.5	7.7	6.2	7.4
SINJAR	....	5.1	5.9	7.4	8.2	7.9	6.8	....	7.0
KIRKUK	6.3	5.7	7.6	9.9	10.5	9.4	7.9	7.0	8.0
KHANAQIN	....	5.8	7.8	10.7	11.2	10.4	8.0	....	9.0
RUTBAH	3.6	2.9	4.9	8.2	9.0	8.2	6.0	4.6	5.9
HAI	....	7.1	9.7	12.7	13.1	11.6	9.7	....	10.7
DIWANIYA	7.6	6.5	9.1	12.1	12.9	11.7	9.9	8.3	9.8
NASIRIYA	8.4	7.4	9.6	12.5	13.1	12.3	10.5	9.4	10.4
BASRAH	10.3	9.5	11.7	14.6	15.0	13.6	12.4	11.3	12.3
HABBANIYA	7.2	6.3	8.4	11.8	12.3	11.2	9.2	8.2	9.3

TABLE - 7 . المعدل الشهري للضغط الجوي على سطح البحر (ملليبارات)

MONTHLY MEAN PRESSURE (Mbs.) AT M.S.L.

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	17.8	17.6	18.6	17.9	16.1	16.3	17.2	17.3	1017.4
MOSUL	18.6	18.9	19.5	18.7	16.7	16.9	18.1	18.4	1018.2
SINJAR	....	17.3	18.5	18.0	16.8	16.6	17.5	....	1017.5
KIRKUK	18.4	18.6	19.2	18.1	16.3	17.0	18.0	18.1	1018.0
KHANAQIN	....	15.7	18.7	20.4	15.4	16.2	13.8	....	1016.7
RUTBAH	16.5	16.9	17.8	18.4	15.3	15.8	17.5	16.8	1016.9
HAI	....	16.5	17.5	16.8	15.2	15.3	16.4	....	1016.3
DIWANIYA	16.8	17.2	16.9	17.4	15.4	15.9	16.8	16.8	1016.7
NASIRIYA	16.2	16.6	17.8	16.9	14.9	15.3	16.4	16.3	1016.3
BASRAH	16.4	17.0	18.1	17.3	15.7	15.9	16.7	16.7	1016.7
HABBANIYA	17.1	17.3	18.4	17.6	15.8	16.0	16.8	16.9	1017.0

TABLE - 8 . المعدل الشهري للرطوبة النسبية (٪)

MONTHLY MEAN RELATIVE HUMIDITY (%)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	74	77	68	49	43	51	63	68	62
MOSUL	87	91	84	64	56	75	87	88	79
SINJAR	..	78	74	69	65	72	77	..	71
KIRKUK	74	75	67	52	49	65	71	73	66
KHANAQIN	..	77	68	47	40	49	67	..	58
RUTBAH	69	76	65	42	35	41	57	65	56
HAI	..	81	68	54	48	59	67	..	63
DIWANIYA	65	72	63	43	39	49	63	67	58
NASIRIYA	66	69	58	43	36	46	59	66	55
BASRAH	76	77	68	52	48	61	72	77	66
HABBANIYA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

FEBRUARY 1962 .

TABLE - 9 .

المعدل الشهري لضغط البخار (ملليبارات)

MONTHLY MEAN VAPOUR PRESSURE (Mbs.)

TIME - G.M.T.

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	9.3	8.6	9.2	9.6	9.2	9.7	9.7	9.4	9.3
MOSUL	8.6	8.2	8.9	9.4	9.2	10.4	9.9	9.1	9.2
SINJAR	...	7.7	7.8	8.4	8.6	8.9	9.0	...	8.4
KIRKUK	8.1	7.8	8.3	8.5	8.6	9.4	8.9	8.5	8.5
KHANAQIN	...	8.1	8.6	8.4	8.1	8.7	8.1	...	8.3
RUTBAH	6.3	6.4	6.7	6.4	6.2	6.4	6.7	6.6	6.5
HAI	...	8.9	10.1	11.0	10.8	10.8	10.0	...	10.3
DIWANIYA	8.7	8.2	9.1	9.5	9.3	9.6	9.5	8.9	9.1
NASIRIYA	9.0	8.7	9.1	9.4	8.9	9.7	9.8	9.6	9.3
BASRAH	11.2	10.9	11.6	11.0	12.4	12.4	12.5	12.2	11.8
HABBANIYA	9.0	8.6	9.3	9.9	9.6	10.0	9.5	9.4	9.4

TABLE - 10 .

المعدل الشهري لدرجة الندى (سنتغراد)

MONTHLY MEAN DEW POINT (C°)

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	5.3	4.4	5.3	5.8	5.2	5.7	6.0	5.5	5.4
MOSUL	4.3	3.9	5.0	5.9	5.3	7.3	6.6	5.3	5.5
SINJAR	...	2.9	3.0	4.1	4.5	4.9	4.6	...	4.0
KIRKUK	3.5	3.0	4.1	4.1	4.0	5.5	4.7	4.0	4.1
RUTBAH	0.2	0.4	1.0	0.4	0.1	0.3	1.0	0.8	0.5
HAI	...	5.1	6.8	8.0	7.4	7.8	6.7	...	7.0
DIWANIYA	4.1	3.8	5.2	5.5	5.6	5.8	5.6	4.9	5.1
NASIRIYA	4.8	4.2	4.9	5.4	4.5	5.9	6.2	5.9	5.2
BASRAH	8.2	7.4	8.6	9.3	9.1	9.6	9.8	9.3	8.9
HABBANIYA	5.1	4.4	5.5	6.6	6.0	6.6	5.8	5.6	5.7

TABLE - 11 .

المعدل الشهري لكمية الغيوم الواطئة (الاثمان)

MONTHLY MEAN LOW CLOUD AMOUNT (OKTAS)

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	0.9	0.6	0.8	0.6	1.1	1.6	0.4	0.5	0.9
MOSUL	3.9	3.1	2.8	2.9	3.6	3.2	3.3	3.4	3.3
SINJAR	...	1.5	2.0	2.2	2.8	2.7	2.6	...	2.3
KIRKUK	2.0	1.8	2.5	2.3	2.7	2.7	1.9	2.0	2.2
KHANAQIN	...	2.4	3.0	2.0	3.0	3.0	2.0	...	2.6
RUTBAH	1.2	2.0	1.8	1.3	2.0	0.2	1.3	0.9	[illegible]
HAI	...	0.8	1.2	1.4	1.4	1.3	1.1	...	[illegible]
DIWANIYA	0.4	0.3	0.7	1.4	1.5	1.3	0.6	0.6	0.9
NASIRIYA	0.6	0.9	0.9	1.3	0.9	0.7	0.9	0.4	0.8
BASRAH	0.5	0.6	0.9	0.9	0.9	0.4	0.4	0.3	0.6
HABBANIYA	0.7	0.6	0.4	0.9	1.2	1.3	0.6	0.4	0.8

TABLE - 12 .

المعدل الشهري لمجموع كمية الغيوم (الاثمان)

MONTHLY MEAN TOTAL CLOUD AMOUNT (OKTAS)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	2.9	2.9	3.6	3.5	4.5	4.7	3.4	2.9	3.6
MOSUL	4.1	4.1	5.1	5.1	5.7	5.0	4.1	4.3	4.7
SINJAR	...	3.6	4.8	5.1	5.6	5.6	3.8	...	4.8
KIRKUK	3.4	3.6	3.8	3.9	4.6	4.1	2.9	2.9	3.7
KHANAQIN	...	4.0	4.3	4.1	4.4	4.2	3.0	...	4.0
RUTBAH	2.6	3.5	4.4	4.3	4.4	4.9	3.1	2.7	3.7
HAI	...	3.7	4.7	4.3	3.9	4.2	3.6	...	4.1
DIWANIYA	1.8	2.6	3.4	3.1	4.0	4.2	2.3	1.9	2.9
NASIRIYA	3.2	4.0	3.7	3.8	3.6	4.0	3.6	3.2	3.6
BASRAH	3.0	3.4	3.3	3.5	3.4	3.6	3.0	2.8	3.3
HABBANIYA	3.0	3.1	3.6	3.8	4.4	4.4	3.3	3.0	3.6

SURFACE - WIND , NUMBER OF OBSERVATIONS OF

STATIONS	TIME GMT.	DIRECTION N	NE	E	SE	S	SW	W	NW	SPEED IN KNOTS CALM	1-10	11-21	22-33	34	MEAN WIND
BAGHDAD	0000	3	2	2	3	0	1	2	4	11	16	1	0	0	[illegible]
	0300	1	4	2	2	2	1	1	3	12	14	2	0	0	[illegible]
	0600	0	1	4	1	2	1	3	8	8	19	1	0	0	[illegible]
	0900	1	0	2	3	1	1	3	11	6	12	10	0	0	[illegible]
	1200	4	2	1	6	2	1	2	5	5	13	10	0	0	[illegible]
	1500	4	1	1	5	1	1	0	6	9	14	5	0	0	[illegible]
	1800	1	1	2	5	1	1	0	5	12	11	5	0	0	[illegible]
	2100	3	1	2	3	0	2	1	6	10	15	3	0	0	[illegible]
	TOTAL	17	12	16	28	9	9	12	48	73	114	37	0	0	[illegible]
MOSUL	0000	0	0	5	5	5	0	7	0	6	18	3	1	0	[illegible]
	0300	0	1	4	3	3	2	6	0	9	18	1	0	0	[illegible]
	0600	0	0	6	4	3	2	12	0	1	24	3	0	0	[illegible]
	0900	1	0	5	5	4	4	7	0	2	14	11	1	0	[illegible]
	1200	0	1	7	4	6	0	7	1	2	22	5	1	0	[illegible]
	1500	1	0	5	5	6	1	7	0	3	23	2	0	0	[illegible]
	1800	1	1	4	3	2	1	8	0	8	17	3	0	0	[illegible]
	2100	0	1	5	3	4	0	8	0	7	18	2	1	0	[illegible]
	TOTAL	3	4	41	32	33	10	62	1	38	152	30	4	0	[illegible]
SINJAR	0300	9	4	4	1	0	0	4	2	4	20	4	0	0	[illegible]
	0600	5	4	9	0	0	0	6	0	4	21	3	0	0	[illegible]
	0900	2	0	9	2	4	1	7	0	3	23	0	0	0	[illegible]
	1200	0	1	7	5	4	1	4	0	6	17	4	1	0	[illegible]
	1500	3	0	8	1	2	0	4	2	8	16	4	0	0	[illegible]
	1800	5	5	9	1	0	0	5	3	0	25	3	0	0	[illegible]
	TOTAL	24	14	46	10	10	2	30	7	25	122	18	1	0	[illegible]
KIRKUK	0000	1	3	6	2	1	0	1	1	13	13	1	1	0	[illegible]
	0300	0	4	7	0	1	2	0	0	14	13	1	0	0	[illegible]
	0600	1	1	2	5	1	0	1	0	17	10	1	0	0	[illegible]
	0900	1	3	0	5	5	1	0	2	11	15	2	0	0	[illegible]
	1200	3	0	2	2	8	3	3	1	6	18	3	1	0	[illegible]
	1500	1	1	0	5	2	2	4	1	12	13	2	1	0	[illegible]
	1800	1	2	5	3	1	1	0	1	14	10	4	0	0	[illegible]
	2100	0	4	6	3	1	0	0	1	13	10	4	1	0	[illegible]
	TOTAL	8	18	28	25	20	9	9	7	100	102	18	4	0	[illegible]
HABBANIYA	0300	2	0	9	2	7	0	2	0	6	22	0	0	0	[illegible]
	0600	0	0	9	0	8	0	1	0	10	17	1	0	0	[illegible]
	0900	0	0	1	0	7	0	8	3	9	18	1	0	0	[illegible]
	1200	1	0	4	0	10	0	8	2	3	22	1	2	0	[illegible]
	1500	0	0	1	0	7	0	7	1	12	14	1	1	0	[illegible]
	1800	1	0	6	0	0	0	2	0	19	9	0	0	0	[illegible]
	TOTAL	4	0	30	2	39	0	28	6	59	102	4	2	0	[illegible]
RUTBAH	0000	0	0	3	4	6	3	4	0	8	15	4	1	0	0
	0300	0	0	3	2	3	5	4	0	11	12	5	0	0	5
	0600	0	0	6	1	5	6	4	0	6	13	9	0	0	8
	0900	0	0	4	4	6	4	6	3	1	15	11	1	0	11
	1200	0	0	4	3	6	4	7	3	1	12	13	2	0	12
	1500	1	1	5	3	4	2	6	3	3	18	6	1	0	8
	1800	1	1	3	3	6	2	4	1	7	18	3	0	0	5
	2100	0	1	1	3	5	1	5	0	12	9	7	0	0	5
	TOTAL	2	3	29	23	41	27	40	10	53	112	58	5	0	6

TABLE 13-b

SURFACE - WIND , NUMBER OF OBSERVATIONS OF

STATIONS	TIME GMT	DIRECTION N	NE	E	SE	S	SW	W	NW	VA-RIA	SPEED IN KNOTS 1-10	11-20	21-33	34-	
	0300	4	1	5	0	0	0	2	6	10	13	5			
	0600	1	0	7	1	2	0	2	6	9	9	3			
	0900	4	1	6	0	1	1	0	5	4	7	2			
	1200	3	0	3	0	0	1	0	0	3	1				
	1500	3	3	3	0	0	0	4	0	10	1				
	1800	5	0	5	0	0	0	3	5	11	1	4			
	TOTAL	20	5	30	4	4	3	16	38	57	44	3			
	0000	2	2	5	3	1	1	8	1	0	1	2			
	0300	5	0	5	3	0	1	7	5	4	1	2			
	0600	3	3	6	3	0	0	2	5	4	1	2			
	0900	8	2	3	4	2	0	2	3	3	1	2			
NIYA	1200	6	1	5	3	0	0	0	4	1	1	2			
	1500	6	1	8	1	1	0	2	2	1	1	2			
	1800	3	1	7	3	0	0	2	4	3	1	2			
	2100	2	0	5	4	0	0	3	3	4	2	2			
	TOTAL	44	10	46	22	4	2	26	23	18	9	2			
	0000	2	0	3	3	3	0	1	4	3	1	2			
	0300	1	1	4	3	1	0	2	5	6	3	2			
	0600	2	0	2	2	1	0	1	4	4	2	2			
	0900	0	1	2	0	0	0	1	2	2	1	2			
TIYA	1200	0	2	3	3	2	0	1	5	0	1	2			
	1500	3	4	5	3	1	0	1	0	3	2	2			
	1800	2	1	3	3	0	0	1	3	4	1	2			
	2100	2	1	4	1	1	0	1	4	6	1	2			
	TOTAL	26	12	25	39	10	2	12	24	24	14	2			
	0000	3	2	2	3	3	0	3	7	3	2	2			
	0300	3	1	3	1	1	0	1	6	7	2	2			
	0600	1	0	3	3	2	1	1	7	8	1	2			
	0900	3	0	0	3	2	0	2	10	3	1	2			
TAH	1200	0	0	1	2	1	1	2	11	0	1	2			
	1500	4	0	1	4	1	0	1	11	6	1	2			
	1800	4	1	1	5	1	0	2	10	4	2	2			
	2100	5	2	3	2	1	0	3	8	4	2	1			
	TOTAL	31	6	14	25	21	2	18	70	37	15	28	2		
	0000	1	4	3	3	0	1	5	0	11	1	2			
	0300	2	4	1	1	2	2	6	1	9	1	2			
	0600	1	1	3	1	1	1	9	3	8	1	2			
	0900	2	2	1	3	2	1	9	3	5	1	2			
BANIYA	1200	3	4	0	1	5	2	5	7	1	2	2			
	1500	1	3	2	4	3	1	2	5	7	1	2			
	1800	3	1	6	3	1	2	0	3	9	1	2			
	2100	3	2	5	3	0	2	3	2	8	1	2			
	TOTAL	16	21	21	19	14	12	39	24	58	12	31	3	0	5

FEBRUARY 1962 .

TABLE 14-a .

(10)

الهطول اليومي (مليمترات)

DAILY PRECIPITATION (MILLIMETERS)

التاريخ	بغداد	موصل	سنجار	كركوك	خانقين	رطبة	دي	[illegible]	[illegible]	[illegible]	[illegible]
DATE	BAGH-DAD	MOSUL	SINJAR	KIRKUK	KHAN-AQIN	RUTBAH	MAI	[illegible]	[illegible]	[illegible]	[illegible]
1	tr.				2.4		3.0	3.[illegible]	[illegible]	[illegible]	[illegible]
2	1.0	7.8	0.2						[illegible]	[illegible]	
3		0.9	3.2	tr.					[illegible]	[illegible]	
4		0.5	0.1	0.3			3.1	tr.			
5		tr.	1.5						[illegible]	[illegible]	
6	tr.	6.1	2.7	tr.		tr.	tr.				[illegible]
7				2.5	2.7	tr.	tr.			[illegible]	[illegible]
8		3.6		4.0		tr.					[illegible]
9			0.2		0.8						
10											
11											
12				tr.							
13											
14	tr.	tr.	tr.	tr.							
15	tr.	tr.		tr.							
16	tr.			tr.							
17		tr.		0.3			1.3	[illegible]		tr.	
18			0.4						tr.		
19		tr.									
20		1.6	5.8	4.6	2.3	tr.	tr.	tr.	tr.		tr.
21		tr.	tr.			tr.		tr.			tr.
22											
23											
24											
25											
26		tr.				tr.				tr.	
27	47.7	1.7	7.3	tr.		tr.	1.2	13.0	1.0	5.2	tr.
28		13.8	3.3	34.3	18.3		1.6		2.0		
TOTAL	48.7	36.0	24.7	46.0	26.5	tr.	10.2	17.4	8.1	18.1	[illegible]
NORMAL	29.0	74.6	73.2	60.6	55.4	17.3	24.5	16.4	12.6	19.8	18.4
MAX. FALL IN 24 HOURS	47.7	56.7	105.5	61.4	60.5	32.0	26.9	38.2	21.8	29.9	30.6
DAY	27th	21st	2nd	18th	23rd	14th	8th	1st	23rd	28th	15th
YEAR	1962	1942	1952	1953	1943	1930	1941	1953	1956	1938	195[illegible]

FEBRUARY 1962 .

TABLE 14-b.

([illegible])

الهطول اليومي (مليمترات)

DAILY PRECIPITATION (MILLIMETERS) , [illegible]

التاريخ	راوندوز	تل عوينات	تلعفر	قيارة	حويجة	بنجوين	بكرجو	حلبجة	جوارتا
DATE	RAWA-NDUZ	TELA-WAINAT	TELAA-FAR	QAYARA	HAWIJA	PENJWIN	BAKRAJO	HALABJA	CHIAR[illegible]
1									
2	30.0							10.0	[illegible]
3	32.0					10.0	5.0		
4	20.0		3.0		4.5	25.0		7.0	[illegible]
5	20.8	3.8							
6	10.5			15.0		10.0	1.0	[illegible]	[illegible]
7					2.0	18.0			
8			4.0		9.3		2.0		
9		5.1		3.5					
10									
11									
12	13.3								
13		2.5							
14									
15									
16				1.0	1.0				
17	19.0						2.0	5.0	7.0
18	20.3							1.0	
19									
20	20.0	2.5	4.0			30.0	13.0	26.0	13.8
21		5.1	4.5			16.0		3.0	[illegible]
22		1.3							
23									
24									
25									
26								1.0	
27	5.0							3.0	
28	13.5	1.3					8.0	7.0	5.0
TOTAL	204.4	21.6	15.5	19.5	16.8	109.0	31.0	67.0	63.4

FEBRUARY 1962 .

شباط ١٩٦٢

TABLE 14-c.

الهطول اليومي (ملليمترات)

DAILY PRECIPITATION (MILLIMETERS) , tr. < 0.05 mm.

التاريخ	صلاح الدين	دهوك	شقلاوة	بنكرد	نجف	بيجي	طوز	عنة	سامراء
DATE	SALAH ADDIN	DUHOK	SHAQL-AWA	BINKIRD	NAJAF	BAIJI	TUZ	ANAH	SAMIRAA
1					9.0				tr.
2	10.0								
3	15.2								
4	13.0	3.0		3.7					
5		7.0	50.0	11.1					
6		6.0	29.0	9.3					tr.
7	tr.		50.0			2.0			
8		4.0							
9	4.0	6.1	13.5			11.3		3.5	
10	tr.								
11									
12	10.0	10.0							
13									
14			22.5						
15									
16									
17	18.0	2.5							
18	tr.	1.4							
19	9.0	1.2			1.0				
20	23.0	24.4		7.2					
21		3.6							
22			20.0						
23									
24	tr.								
25									
26	tr.								
27	13.0	8.4							
28	24.0	26.0	17.0	6.0	12.0				
TOTAL	139.2	103.6	202.0	37.3	22.0	13.3	0.0	3.5	tr.

FEBRUARY 1962 .

TABLE 14-d .

(13) [illegible]

الهطول اليومي (ملليمترات)

DAILY PRECIPITATION (MILLIMETERS) , tr. (0.05 mm)

التاريخ	المنصور	سعدية	بعقوبة	عزيزية	بدرة	هيت	مندلي	كربلاء	كوت
DATE	ALMA-NSOOR	SAIDIYA	BAKOBA	AZIZIYA	BADRA	HIT	MANDELY	[illegible]	[illegible]
1	11.4	10.0							9.5
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									0.5
16									
17				2.1					
18					2.5				
19									
20									
21									
22									
23									
24									
25									
26									
27			42.0	9.5		tr.	23.0		
28	45.7	13.0			25.0			7.6	12.5
TOTAL	57.1	23.0	42.0	11.6	27.5	tr.	23.0	7.6	23.3

FEBRUARY 1962 . (14) شباط ١٩٦٢

TABLE 14-a. الهطول اليومي (بالمليمترات)

DAILY PRECIPITATION (MILLIMETERS) , tr. (0.05 mm

التاريخ	علي الغربي	نخيب	بدعة	أور	معقل	فاو	الدويرة	سماوة
DATE	ALIAL-GHARBI	NUKHAIB	BADA'A	UR	MAQIL	FAO	AL DUWAYA	SAMAWA
1	1.3					1.0		
2			1.0			1.2		
3			3.0		7.0			
4			1.0					
5	2.5		1.0					
6								
7						0.5		
8					4.0			
9								
10								
11								
12								
13								
14								
15								
16								
17								
18	0.6							
19								
20								
21								
22								
23								
24								
25								
26								
27		tr.		14.0		4.5	8.0	
28	3.4		14.0		5.3			
TOTAL	7.8	tr.	20.0	14.0	16.3	7.2	8.0	0.0

الهطول اليومي (ملليمترات)

DAILY PRECIPITATION (MILLIMETERS), tr. < 0.05 mm

التاريخ	عين صفني	قرة داغ	افراز	كوسنجق	الرميل	زبار	كلالا	ميركة سور	طقطق
DATE	AIN SIFNI	QARA DAGH	IFRAZ	KOISI-NJANQ	AL RUMIL	ZEBAR	GALA-LA	METGA-SOOR	TAQ-TAQ
1				1.0				43.0	
2	13.0	0.3				24.3	11.0	53.5	[illegible]
3			28.0		9.0	17.0	28.0	64.7	15.0
4	11.0	5.2	2.2	4.0		23.4	28.4	73.5	19.0
5		0.5	1.1	29.0		15.6		39.7	
6	8.5					20.5	10.0	6.5	[illegible]
7		1.6	20.5	3.0		15.2	6.0	6.0	5.0
8	10.0	4.5	7.1	47.0		35.1			[illegible]
9		4.5		5.0	17.0				
10		1.3		8.0					
11				14.0		16.3			
12	4.0					13.7		53.8	
13	7.0		1.5				9.0		
14								1.3	
15						5.2			
16						7.0		3.8	
17		2.5		2.0		2.5		33.7	4.5
18		1.0	1.2	5.0		7.2	14.0	7.3	
19	8.0					9.5		1.5	
20	9.0	21.7						55.3	8.0
21	10.0		8.5				14.0	17.2	
22									
23									
24					7.0	11.4			
25									
26									
27	12.0							3.3	
28	13.0	6.5	1.7			18.3	7.0	19.8	
TOTAL	105.5	49.6	71.8	118.0	33.0	242.2	127.4	463.9	51.5

FEBRUARY 1962 .

شباط ١٩٦٢

TABLE 14-g.

الهطول اليومي (مليمترات)

DAILY PRECIPITATION (MILLIMETERS) , tr. < 0.05 mm

التاريخ	كفري	دوكان	طوسان	العظيم	فتحة	باوخور	قادر كرم	دلمان
DATE	KOUFRI	DUKAN	TUSAN	AL EITHAIM	FATHA	BAWA-NOOR	SADIR KARAM	DILMAN
1		0.5			0.5			
2		2.0	1.0	1.7				23.4
3		11.0	1.0					31.4
4		2.5	10.0					19.2
5			5.0					
6		4.5	tr.	0.1				31.6
7		8.0			2.0			34.5
8		2.5	4.5		9.2		9.3	
9		1.5					1.2	
10								
11								
12			6.0					10.0
13								
14			tr.					
15								
16		1.0						
17		1.0	3.5		tr.			15.2
18			6.5					
19			7.0		tr.			
20	2.5	21.0	6.0	2.6		11.0	4.7	16.2
21			1.0			2.0		2.1
22								
23								
24								
25								
26			1.5					
27			13.5					2.7
28		13.0	5.5			1.5		7.9
TOTAL	2.5	69.0	72.0	4.4	11.7	14.5	15.7	174.9

شباط ١٩٦٢

FEBRUARY 1962 .

TABLE - 15 .

CLIMATOLOGICAL SUMMARY : الملخصات المناخية

No. OF DAYS OF PHENOMENAS : عدد الايام التي حدثت فيها الظواهر الجوية

STATIONS	RAIN	SNOW	HAIL	THUNDER STORM	FOG	DUST	STATE OF SKY		GROUND FROST
							CLEAR	CLOUDY	
BAGHDAD	2	0	0	1	0	1	8	6	5
MOSUL	8	0	0	2	2	0	3	10	[illegible]
SINJAR	9	0	0	0	1	0	2	9	[illegible]
KIRKUK	6	0	0	2	0	0	7	4	5
KHANAQIN	5	0	0	0	0	1	7	7	[illegible]
RUTBAH	0	0	0	0	0	1	5	8	[illegible]
HAI	5	0	0	0	0	0	6	5	[illegible]
DIWANIYA	3	0	0	2	0	1	10	1	[illegible]
NASIRIYA	4	0	2	3	0	0	7	4	[illegible]
BASRAH	3	0	0	0	0	0	9	4	[illegible]
HABBANIYA	2	0	0	0	0	0	7	3	[illegible]

TABLE - 16 .

DURATION OF SUNSHINE : مدة سطوع الشمس

STATIONS	MONTHLY TOTAL SUNSHINE HOURS	MAX. SUNSHINE IN ONE DAY		No. OF DAYS WITHOUT SUNSHINE
		HOURS	DAY	
BAGHDAD	186.7	10.3	18&19th	1
MOSUL	169.0	10.1	10th	2
BASRAH	190.7	10.7	22nd	2
HABBANIYA	179.9	10.7	18,22&23rd	0

TABLE - 17 . المعدل الشهري لحرارة التربة و العشب و السرعة القصوى للريح السطحي

MONTHLY MEAN TEMPERATURE °F , and , HIGHEST HOURLY WIND (GRST) (KNOTS)

STATIONS	GRASS MINIMUM TEMPERATURE	EARTH TEMPERATURES		HIGHEST WIND GUST (KNOTS)	DIRECTION	TIME GMT	DATE
		0.3 M	1.2 M				
BAGHDAD	3.2	14.2	16.2	25	140	0900	17th
MOSUL	***	10.9	13.8	35	130	0000	10th
SINJAR	***	***	****	30	270	0900	5th
KIRKUK	2.7	12.3	14.5	30	100	2100	3rd
KHANAQIN	***	****	****	30	180	1400	3rd
RUTBAH	***	****	****	35	140	0900	15th
HAI	5.5	****	****	35	090	1500	3rd
DIWANIYA	***	****	****	25	360	0900	5th
NASIRIYA	7.9	15.6	19.9	25	140	1200	27th
BASRAH	7.4	****	****	28	180	0900	7th
HABBANIYA	3.8	14.6	17.5	30	230	1200	20th

TABLE 18-b .

Month: February 1962 .

RADIOSONDE OBSERVATIONS AT STANDARD LEVELS (TIME 0000 G.M.T.) AT BAGHDAD AIRPORT

	1000-mbs.					850-mbs.					700-mbs.					600-mbs.					500-mbs.				
DATE	HHH	TT	T_dT_d	dd	ff	HHH	TT	T_dT_d	dd	ff	HHH	TT	T_dT_d	dd	ff	HHH	TT	T_dT_d	dd	ff	HHH	TT	T_dT_d	dd	ff
1	020	13	06			154	06	01			310	52	54			432	59	60			570	68	70		
2	018	13	07	15	13	154	06	00	11	12	310	52	57	16	13	430	59	78	23	22	569	69	86	26	38
3	013	17	11	13	32	151	12	02	19	18	310	51	52	20	17	431	59	65	23	34	570	69	77	25	44
4	013	15	13	16	11	149	09	02	22	08	308	02	73	24	22	430	57	78	26	30	570	66	76	25	33
5	011	15	13	23	12	147	05	03	24	17	304	00	69	22	46	426	58	71	23	62	565	68	82	24	90
6	018	09	51	33	08	150	02	69	27	06	304	55	78	25	35	424	62	84	25	53	560	72	82	25	80
7	013	14	06	14	11	150	10	51	23	08	308	51	59	23	62	430	57	59	22	65	570	66	70	23	49
8	014	10	04	30	13	[illegible]	05	57	32	26	304	54	72	30	26	423	62	84	29	25	561	70	93	28	38
9	015	12	05	36	07	149	04	53	31	08	303	59	60	26	14	420	68	70	24	36	555	71	87	24	61
10	021	10	07	32	12	154	01	52	30	10	309	56	72	30	15	428	64	82	30	27	564	74	90	30	40
11	021	09	05	33	12	155	04	58	31	08	311	53	71	28	18	431	61	77	27	25	569	72	85	26	38
12	019	09	03	32	08	153	06	61	22	08	308	53	74	24	18	430	61	81	25	30	567	72	89	27	43
13	018	15	03	15	08	153	05	58	20	13	309	54	63	24	23	429	60	77	27	41	568	69	79	29	64
14	020	11	03	36	10	153	05	56	31	16	311	51	71	26	19	432	61	78	27	19	569	71	86	28	25
15	017	14	08	14	07	154	11	55	18	13	314	02	57	25	22	436	56	59	25	42	576	65	69	25	63
16	014	12	07	30	09	150	11	55	25	21	309	01	66	26	39	432	55	71	26	46	573	66	79	26	68
17	011	18		12	07	149	15		18	10	311	07		26	53	435	54		25	70	576	62		25	80
18	008	15	06	33	24	143	04	52	29	34	299	55	61	27	43	418	64	69	25	60	555	69	83	23	60
19	014	13	05	00	00	149	06	57	21	14	306	51	66	25	35	428	56	68	25	60	568	66	82	25	56
20	007	13	05	14	25	144	09	56	21	42	301	54	62	22	30	421	61	77	22	45	560	69	84	21	68
21	009	08	00	26	22	140	53	63	25	21	291	63	76	25	37	407	70	85	25	63	542	71	89	25	72
22	018	09	52	00	00	150	51	62	03	10	301	63	75	34	22	418	65	83			554	75	91		
23	022	09	58	35	14	154	52	65	30	12	308	56	70	29	13	427	64	90	24	21	562	76	98	27	27
24	017	08	53	32	12	151	06	71	28	14	307	52	76	27	24	427	61	76	26	28	565	70	79	26	31
25	013	08	03	32	18	148	05	58	30	20	304	53	63	29	16	425	61	67	31	14	562	71	75	29	17
26	013	13	02	34	06	148	07	58	31	13	305	54	68	27	18	424	62	77	27	24	562	71	85	25	38
27	010	14	05	12	03	147	09	57	12	06	304	53	62	21	04	424	64	67	22	15	560	71	75	23	24
28	010	17	14	04	10	145	05	05	14	16	301	55	55	15	17	420	64	65	16	15	557	73	74	21	[illegible]
MEANS	015	12	06		12	150	06	56		15	306	53	66		26	426	61	74		37	564	70	82		[illegible]

[illegible] heights are in decametres at all levels. Temperatures and Dew points are in Degrees Centigrade. Temperatures [illegible]

TABLE 18-2.

Month: February 1962.

RADIOSONDE OBSERVATIONS AT STANDARD LEVELS (AT 0000 G.M.T.) AT BAGHDAD AIRPORT

DATE	400-mbs.					300-mbs.					200-mbs.					150-mbs.					100-mbs.				
	HHH	TT	T_dT_d	dd	ff	HHH	TT	T_dT_d	dd	ff	HHHH	TT	T_dT_d	dd	ff	HHHH	TT	T_dT_d	dd	ff	HHHH	TT	T_dT_d	dd	ff
1	734	79	82			931	96	98			1189	13	16			1367	11	13			1621	10			
2	732	80	90	25	50	931	95	02	27	82	1192	08	14			1371	15				1621	15			
3	732	79	91	26	35	932	94	05	27	28	1194	08	17			1374	10	19			1624	13	23		
4	734	77	82	27	46	936	90	93	26	88	1200	09	11	77	20	1379	13				1625	16			
5	728	78	93	23	65	929	92	05	74	20	1192	11		75	31										
6	722	80	84	24	86	920	96	99	25	98	1177	11	15			1353	17				1596	19			
7	734	76	86	23	93	936	90	94			1202	08	12			1382	12	19			1630	15			
8	722	81	03	27	54	921	92	11	25	60	1188	03	21			1372	07				1626	11			
9	716	84	03	74	14	913	95	13	74	41	1174	01	18			1360	04				1620	11			
10	723	86	99	29	50	917	01	12	29	46	1175	08	18	26	58	1358	06	17	27	80	1613	12			
11	730	83	87	26	41	926	98	01	26	76	1183	13	15	26	70	1361	11		26	75	1611	13			
12	728	82	99			925	96	13			1185	10				1366	07	20			1620	12			
13	730	80	83	28	62	929	95	00	28	80	1188	12	17	79	50	1367	09	15	30	95	1620	13	21		
14	732	80	95	28	44	931	94	10	29	68	1190	11				1370	09				1627	05			
15	741	77	81	26	62	942	92	96	24	62	1203	14	18	24	80	1379	13	17			1628	15	19		
16	738	77	91	27	65	940	91	08	26	60	1204	07	24			1383	13				1628	18			
17	744	72		26	80	95	83		26	76	1222	94				1404	11				1652	18			
18	718	79	94	23	96	919	90	04	23	90	1188	02	15			1372	09	21			1623	11	25		
19	733	77	94	27	72	934	92	07			1201	02	17			1385	08				1636	17			
20	721	84	91	25	52	918	96	05	24	78	1183	00	10	23	79	1369	04	14			1623	14			
21	703	85	04	25	80	898	97	15	74	70	1165	98				1353	05				1612	04			
22	713	85	02			908	99	15			1173	99	15			1361	02	18			1619	09			
23	721	85	09	28	38	916	98		29	38	1181	01		29	65	1367	04	16							
24	726	83	92	25	37	922	97	06	24	44	1189	98	17			1375	06	17			1627	15	27		
25	724	82	87	29	18	922	94	02	27	22	1187	99	09	26	68	1376	00	10	29	51	1637	09	18		
26	723	84	96	25	40	918	99	31	25	65	1179	02				1366	03				1621	13			
27	721	84	89	23	23	917	96	04	23	50	1177	10	17			1356	10	18			1612	08			
28	716	85	88	21	23	910	01	03	20	22	1167	07	10	19	38	1359	06	08			1616	09	11		
MEANS	726	81	92		53	925	95	06		59	1187	06	16		56	1370	08	16		75	1623	13	20		

[illegible] [illegible] AIRPORT

Month: February 1962

Frequency of horizontal visibility

T I M E - G.M.T.

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -200M																									
200 -500M																									
500 -1000M														1/2	1/2										2
1000 -1500M														2	1										3
1500 -3000M					2	3	1	2		1	1	2	1												13
3 -5KM						4	4	3	1	1	1			1	2	7	1				1	2			28
5 -10KM	1	1	2	3	11	11	8	6	7	5	4	5	5	1	2	10	9	3	2	3	2	1	3	1	106
10 -15KM	8	9	14	14	13	8	12	11	16	11	10	6	8	11	13	11	11	16	10	8	8	8	6	9	251
>15KM	19	18	12	11	2	2	3	6	4	10	12	15	14	12	9		7	9	16	17	17	17	19	18	269
Total	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	672

NOTE: In field containing two numbers the first one gives the case with dust in the air, the second number shows the total

Frequency of different heights of cloud-base (amount 5-8 Oktas)

Height	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -50M																									
50 -150M																									
150 -300M											1														1
300 -500M			1	1									1												3
500 -900M	1	1			1		1	2	2	1		1				2	1								13
>900	27	27	27	27	27	28	27	26	26	27	27	27	27	28	28	26	27	28	28	28	28	28	28	28	655

Month: February 1962.

BASRAH AIRPORT

Frequency of Horizontal Visibility

TIME - G.M.T.

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
200M																									
200 500M																									
500 1000M															1/1					1/1					2
1000 1500M		1/1					1/1	1/1																	3
1500 3000M			1/1		1/1	1/1										1					1/1	1/1	1/1		7
3 5KM		1/1		1/1	1/1				1/1							1/1								1/1	6
5 10KM	1/1			1	1	2/3	1	2/4	1/4	2/5	1/2	1/1	1/4	2/3	1/2	1/3	1	1/1	2/2	1	1				41
10 15KM	2	1	3	6	7	5	8	6	6	5	9	10	6	6	1/5	3	1/4	5	4	4	5	7	4	1	122
15KM	25	26	26	20	16	19	17	17	17	16	17	17	18	19	20	20	23	22	22	22	21	20	23	26	491
Total	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	672

NOTE: In fields containing two numbers the first one gives the cases with dust in the air. The second number shows the total.

Frequency of different heights of cloud-base (amount 5-8 oktas)

Height	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
50M																									
150M							1																		1
150 300M		1	1					1	1			1			1						1				7
300 500M	1			1	1	1													1						5
500 900M										2	1	1												1	5
900M	10	12	12	11	13	12	12	11	14	13	15	15	13	13	13	12	13	13	13	12	10	11	11	11	259

TABLE 20-a.

BAGHDAD AIRPORT

Month: February 1962.

Simultaneous occurrences of specified visibility ranges and specified lowest cloud - base (≥5 Oktas)

HEIGHT METERS	VISIBILITY 0-200M	≥200-500M	≥0.5-1KM	≥1-1.5KM	≥1.5-3KM	≥3-5KM	≥5-10KM	≥10-15KM	≥15KM	TOTAL
0-50										
≥50-150										
≥150-300										
≥300-500							1			1
≥500-900							1			1
<5/8 OR * ≥900 AND ≥5/8				1	1		2			2
				1	1		3			6
					1	4 1	2 7	7 14	12 19 11 3	27 27 27
						1 7	5 5	10 11	8 9 10 14	27 27 26
					1	2 14	2 1	33 10	8 79 16 17 90	28 28 217
					1	4	1 3	8 8	14 12 19 11 3	28 28 28
TOTAL				1	1	1 7	5 5	10 11	8 11 10 14	28 28 28
				1	2	2 14	2 1	35 10	8 82 16 17 90	28 28 224

NOTE:

The nine fields for each combination of visibility and height contan the number of occurrences for different times using the following model :

00	03	06
09	12	15
18	21	To

G.M.T

To= Total for all hours

*ALL CASES WITH CLOUD AMOUNT OF LESS THAN 5/8 ARE ENTERED HERE.

TABLE 20-b.

Month: February 1962.

BASRAH AIRPORT

Simultaneous occurrences of specified visibility ranges and specified lowest cloud - base (≥5 Oktas)

HEIGHT METERS	VISIBILITY 0-200M			≥200-500M			≥0.5-1KM			≥1-1.5KM			≥1.5-3KM			≥3-5KM			≥5-10KM			≥10-15KM			≥15KM			TOTAL		
0-50																														
																									1			1		
≥50-150																														
																									1			1		
≥150-300																														
≥300-500																								1	1		1	1		
																									2			2		
≥500-900																						1			1		2			
																							1		1			2		
<5/8 OR *										1					1	1	1	1	1	2	6	8	24	19	16	27	27	27		
≥900													1			1	5	4	3	4	6	3	17	18	20	26	28	28		
AND ≥5/8										1		1	2			3	2		17	4	7	40	22	20	156	28	28	219		
										1					1	1	1	1	1	2	6	8	25	20	17	28	28	28		
TOTAL													1			1	5	4	3	5	6	3	18	18	20	28	28	28		
										1		1	2			3	2		17	4	7	41	22	20	160	28	28	224		

NOTE:

The nine fields for each combination of visibility and height contain the number of occurrences for different times using the following model:

00	03	06
09	12	15
18	21	To

G.M.T

To=Total for all hours.

*ALL CASES WITH CLOUD AMOUNT OF LESS THAN 5/8 ARE ENTERED HERE.

الجمهورية العراقية

وزارة المواصلات

مديرية الطيران المدني العامة

REPUBLIC OF IRAQ

MINISTRY OF COMMUNICATIONS

DIRECTORATE GENERAL OF CIVIL AVIATION

مديرية الانواء الجوية

METEOROLOGICAL DEPARTMENT

شعبة المناخ

CLIMATOLOGICAL SECTION

تقرير المناخ الشهري

Monthly Climatological Data

No. 3
Vol. 25
Month March
Year 1962

العدد ٣
مجلد ٢٥
الشهر آذار
السنة ١٩٦٢

الجمهورية العراقية

وزارة المواصـــــــلات

مديرية الطيران المدني العامـــــة

مديرية الانواء الجويـــــة

شعبة المنـــاخ

بغداد

======

I R A Q R E P U B L I C

MINISTRY OF COMMUNICATIONS

DIRECTORATE GENERAL OF CIVIL AVIATION

METEOROLOGICAL DEPARTMENT

CLIMATOLOGICAL SECTION

B A G H D A D

معطيات مناخية لشهر آذار ١٩٦٢

MONTHLY CLIMATOLOGICAL DATAS FOR MARCH 1962

مجلد ٢٥ ، عدد (٣) ، آذار ١٩٦٢

VOLUME 25 , No. (3) , M A R C H 1 9 6 2 .

C O N T E N T S	TABLE	PAGE	المحتويات
General situation of the month and notes on tables		2	لمحة عامة عن التقرير الشهري
Daily mean temperatures	1	1	المعدل اليومي لدرجات الحرارة
Daily mean pressure at M.S.L.	2	2	" " للضغط الجوي على سطح البحر
Daily mean relative humidity	3	3	" " للرطوبة النسبية
Daily maximum and minimum temperatures	4ab	4-5	درجات الحرارة العظمى والصغرى اليومية
Monthly mean Dry Bulb temperatures	5	6	المعدل الشهري لدرجات الحرارة للضلة الجافة
" " Wet " "	6	6	" " " " " الرطبة
" " Pressure at M.S.L.	7	6	" " للضغط الجوي على سطح البحر
" " Relative humidity	8	6	" " للرطوبة النسبية
" " Vapour Pressure	9	7	" " لضغط البخار
" " Dew Point	10	7	" " لدرجة الندى
" " Low Cloud amount	11	7	" " لكمية الغيوم الواطئة
" " Total Cloud amount	12	7	" " لمجموع كمية الغيوم
Sirface - Wind, number of observations of :	13ab	8-9	عدد تكرار رصدات الرياح السطحية
Daily Precipitation	14a-f	10-15	الهطول اليومي
Climatological summary	15	16	الملخصات المناخية
Duration of sunshine	16	16	مدة سطوع الشمس
Monthly mean temperatures of grass & earth, with Highest hourly wind speed (Gusting)	17	16	المعدل الشهري لحرارة الحشيش والتربة واقصى سرعة ريح
Baghdad Radiosonde observations	18ab	17-18	رصدات الراديوسوند في بغداد
Frequency of horizontal visibility at Baghdad & Basrah.	19ab	19-20	ذبذبات كل من مدى الرؤيا وارتفاع الغيوم في بغداد والبصرة
Combined statistics of visibility and cloud base at Baghdad & Basrah .	20ab	21-22	احصائيات مزدوجة لمدى الرؤيا ولقاعدة الغيوم في بغداد والبصرة

آذار ١٩٦٢

استقر الجو خلال معظم ايام الشهر وكان صحوا في كافة المناطق وذلك لتمركز ضغط عالي على القطر العراقي ، اما في الايام ١ الى ٨ و ١١ و ١٤ و ١٧ و ١٨ و ٢٠ الى ٢٢ و ٢٧ و ٢٨ و ٣٠ منه كان الجو متغيرا على العموم حيث تعاقب غبار محلي ومطلت بعض الزخات الخفيفة من المطر وذلك لمرور انخفاضات جوية ضحلة على القطر .

اما اهم ما تميز به هذا الشهر فهو تسجيل ارقام قياسية جديدة لدرجات الحرارة العظمى في كافة محطات الرصد عدا الديوانية والناصرية حيث بقيت كالسابق .

MARCH 1962

Clear sky and stable weather persist most days of the month, due to the high pressure system existence all over the Country, except the days : 1,8 to 11, 14,17,18,20 to 22, 27, 28 and 30th were unstable conditions caused rising dust and combined with occasional showers, because the influence of shallow depression crossed the Country.

A new records of maximum temperatures were registered in all stations except Diwaniya and Nasiriya .

NOTES ON TABLES

AIR PRESSURE: Is expressed in Millibars, the initial 9 or 10 is being omitted. One millibar equals 1000 dynes per sq.cm. All means pressure are reduced to mean sea level.

TEMPERATURE:- (In Centigrade) , the measurements of temperatures are made in Stevenson (Louvred) screens in the open. The height of the thermometer bulbs is approximately 1.3 meters above the ground level.

HUMIDITY:- The values given depend on the readings of the dry & wet bulbs thermometers in Stevenson Screens.

RAINFALL:- (Millimeters), The daily amount is for 24 hours from 0600 G.M.T. on the day of entry to 0600 G.M.T. on the next day. A day is reckoned as a day of rain if the total rainfall is 0.2 mm. or more.

WEATHER:- Days of Fog or Dust are thus on which the range of vision is less than 1000 meters at any time of the day .

Clear Days:- Are those on which the average cloud amount at all observation hours is 0 or 1 Oktas. Cloudy days are those on which the average cloud amount is 7 or 8 Oktas.

ALL TIMES ARE G.M.T. = Local time minus 3 hours .

MARCH 1962 .

TABLE - 1 .

DAILY MEAN TEMPERATURES (C°) OF 8 OBSERVATIONS

DATE	BAGH-DAD	MOSUL	SINJAR	KIRKUK	RUTBAH	HAI	DIWA-NIYA	NASI-RIYA	BASRAH	HABB-ANIYA
1	14.9	9.4	9.8	11.9	11.1	16.7	15.5	15.9	16.3	[illegible]
2	16.0	11.2	11.0	13.1	11.2	17.8	16.[illegible]	16.0	17.2	[illegible]
3	16.6	10.3	12.0	13.3	13.8	18.1	16.6	16.8	19.0	[illegible]
4	16.7	13.2	15.0	14.9	17.2	17.3	17.0	17.3	16.1	[illegible]
5	17.5	13.9	16.5	17.3	15.2	16.6	17.[illegible]	17.8	18.3	[illegible]
6	18.3	14.7	16.5	17.7	15.0	18.8	18.[illegible]	19.9	19.[illegible]	[illegible]
7	19.2	14.4	16.9	17.8	15.3	20.5	19.0	19.1	17.8	[illegible]
8	20.4	15.1	16.3	19.1	17.3	20.9	20.4	20.0	19.5	[illegible]
9	19.0	14.9	13.5	16.2	13.8	21.6	20.[illegible]	21.5	21.8	[illegible]
10	15.1	8.9	8.3	11.6	11.6	19.7	17.8	18.3	20.6	[illegible]
11	12.9	9.6	9.0	11.0	9.1	16.6	15.8	16.4	18.9	[illegible]
12	14.0	9.0	10.4	12.4	11.2	16.3	15.5	16.5	16.6	[illegible]
13	14.9	10.5	10.1	14.0	13.8	17.2	14.0	17.5	18.7	[illegible]
14	19.5	14.9	11.9	16.7	15.3	21.9	19.6	21.5	23.6	[illegible]
15	21.9	15.4	17.6	19.5	16.2	23.0	21.0	22.5	22.3	[illegible]
16	23.5	15.6	20.2	21.4	19.5	23.5	24.[illegible]	23.5	23.0	[illegible]
17	22.0	17.6	15.8	20.4	13.3	23.7	22.3	24.4	24.8	[illegible]
18	19.8	16.8	16.3	18.7	14.2	21.6	19.6	21.3	21.0	[illegible]
19	20.0	15.9	16.4	19.4	18.3	21.6	21.[illegible]	21.5	19.1	[illegible]
20	21.7	16.4	15.9	18.7	14.9	23.7	22.[illegible]	24.1	23.1	[illegible]
21	18.6	14.2	16.7	15.7	14.4	20.6	19.[illegible]	20.1	21.9	[illegible]
22	18.7	14.5	18.2	17.7	16.9	20.3	19.5	20.2	24.7	[illegible]
23	21.0	16.4	20.6	20.9	20.9	21.7	21.4	22.3	22.0	[illegible]
24	24.3	19.4	21.7	23.8	24.7	23.8	23.4	24.2	22.3	[illegible]
25	23.6	17.9	20.1	20.2	18.9	24.3	23.4	24.4	26.8	[illegible]
26	20.9	16.1	19.6	20.3	17.7	22.6	21.4	22.4	22.3	[illegible]
27	21.9	16.8	15.7	19.3	16.6	24.1	22.9	26.0	24.1	[illegible]
28	18.6	11.4	13.1	13.2	14.0	19.6	19.7	21.6	21.3	[illegible]
29	17.1	12.0	13.4	15.1	14.0	19.6	18.5	20.8	21.0	[illegible]
30	17.6	13.2	15.0	14.9	15.6	20.9	20.5	21.6	22.3	[illegible]
31	21.0	15.3	16.2	18.9	17.7	23.3	23.2	21.7	24.6	[illegible]
MEANS	18.9	14.0	15.2	16.9	15.4	20.6	19.9	20.6	20.9	[illegible]
NORMAL	15.5	11.9	15.2	13.3	12.4	17.0	16.5	18.3	18.1	15.6
YEARS OF NORMAL	1937	1923	1961 1961	1935	1928 to 1956	1940	1939	1940	1937	1935

NOTE: T I M E - G . M . T .

DAILY $\frac{0000+0300+0600+0900+1200+1500+1800+2100}{8}$ = DAILY MEAN

MONTH 1962 (SERIES 2)

DAILY MEAN PRESSURE [illegible] AT 0.0

DATE	BAGHDAD	MOSUL	SINJAR	KIRKUK	RUTBAH	HAI	DIWANIYA	NASIRIYA	BASRAH	HABBANIYA
1	[illegible]	[illegible]	[illegible]	10[illegible].9	[illegible]	[illegible]	10[illegible].2	10[illegible].4	10[illegible].2	10[illegible].1
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	23.6	21.9	24.7	23.7
3	[illegible]	25.8	26.2	26.1	23.3	22.8	23.1	23.5	22.6	24.9
4	2[illegible].1	23.1	26.1	22.1	18.[illegible]	19.5	20.7	20.2	20.1	20.9
5	18.[illegible]	20.2	19.3	18.9	18.1	17.1	17.9	17.7	18.3	18.1
6	17.8	19.9	20.8	19.3	18.[illegible]	18.6	18.1	18.[illegible]	18.[illegible]	17.6
7	16.8	17.8	18.3	17.5	16.6	16.1	16.4	16.4	17.8	16.0
8	12.9	14.1	13.9	13.[illegible]	10.[illegible]	13.2	12.6	13.2	14.5	11.7
9	08.7	08.6	08.5	09.3	08.9	08.4	08.6	09.0	08.8	08.5
10	09.1	05.5	05.9	08.5	09.4	08.4	09.2	09.1	09.4	08.9
11	13.9	13.9	15.5	13.7	14.7	12.8	13.8	12.7	12.9	13.6
12	15.[illegible]	17.1	17.[illegible]	16.7	14.3	15.1	15.6	15.2	15.8	15.7
13	14.9	17.0	17.6	15.8	13.0	13.5	14.1	13.7	14.4	14.5
14	15.0	18.[illegible]	19.2	17.5	14.6	13.7	14.2	13.4	14.2	15.5
15	16.9	19.6	20.7	18.1	16.8	15.9	15.6	15.2	15.9	16.7
16	10.8	12.7	11.7	12.2	08.8	11.0	10.5	11.8	12.3	09.7
17	08.8	10.7	11.3	09.9	12.4	07.1	08.1	07.2	08.0	09.6
18	12.1	13.6	14.0	12.5	13.8	10.3	12.0	11.2	12.1	12.5
19	13.0	14.4	13.8	13.5	11.7	12.5	12.5	12.7	13.8	12.6
20	11.9	12.9	13.5	12.5	13.8	10.3	11.1	10.8	11.7	11.9
21	14.6	15.4	14.3	15.0	10.2	12.8	14.4	13.2	13.7	14.9
22	14.6	16.5	15.5	15.1	15.9	12.7	14.2	13.6	13.2	14.8
23	13.9	16.3	15.5	14.9	14.3	11.8	13.4	12.3	12.1	14.3
24	10.6	11.5	10.4	11.3	09.9	10.1	10.8	10.7	11.5	10.4
25	10.7	12.1	11.5	11.7	13.4	08.7	09.9	09.2	09.9	11.2
26	10.6	11.4	10.8	10.5	09.7	09.6	10.3	10.1	10.8	10.1
27	02.6	06.2	999.7	01.9	04.2	02.8	03.2	02.4	05.4	02.5
28	06.8	05.2	02.9	06.0	06.4	06.0	07.7	07.4	08.0	06.6
29	14.0	13.9	12.3	13.3	13.4	13.6	14.2	13.5	13.9	13.5
30	16.0	16.9	14.9	17.3	14.0	15.9	15.1	15.1	16.1	15.1
31	14.8	17.8	17.2	16.5	12.7	13.8	13.5	13.2	14.1	14.1
MEANS	1014.0	1015.2	1014.9	1014.7	1013.9	1013.3	1013.7	1013.2	1013.8	1013.8
NORMAL	1014.1	1015.3	1014.9	1014.3	1015.3	1014.5	1013.9	1014.2	1014.1	1014.6

STATION	HIGHEST	DAY	YEAR	TIME	LOWEST	DAY	YEAR	TIME
	1962							
BAGHDAD	1026.7	3	1962	0600	999.8	27	1962	1200
MOSUL	1028.7	3	1962	0600	997.7	27	1962	1200
SINJAR	1028.3	3	1962	0600	997.4	27	1962	1200
KIRKUK	1028.0	3	1962	0300	998.6	27	1962	1200
RUTBAH	1026.1	3	1962	0600	1002.8	27	1962	1200
HAI	1024.2	3	1962	0600	999.2	27	1962	1500
DIWANIYA	1026.1	3	1962	0600	1000.4	27	1962	1200
NASIRIYA	1025.5	3	1962	0600	998.8	27	1962	1200
BASRAH	1024.1	3	1962	0600	1001.5	27	1962	1500
HABBANIYA	1026.9	3	1962	0600	1000.7	27	1962	1200
	RECORDS							
BAGHDAD	1031.4	3	1961	0600	996.1	22	1941	1200
MOSUL	1032.6	3	1961	0600	996.2	28	1944	0200
SINJAR	1028.3	3	1962	0600	997.4	27	1962	1200
KIRKUK	1030.6	3	1961	0600	998.6	27	1962	1200
RUTBAH	1032.2	3	1961	0600	998.2	19	1940	1300
HAI	1028.0	3	1961	0600	999.2	27	1962	1500
DIWANIYA	1030.1	3	1961	0900	995.8	22	1941	1300
NASIRIYA	1029.1	9	1959	0600	998.8	27	1962	1200
BASRAH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

MARCH 1962.

TABLE - 3.

DAILY MEAN RELATIVE HUMIDITY (%) OF 6 OBSERVATIONS

DAY	BAGHDAD	MOSUL	SINJAR	KIRKUK	KUTBAH	HAI	DIWANIYA	NASIRIYA	BASRAH	HABBANIYA
1	75	77	73	78	[illegible]	73	76	72	[illegible]	[illegible]
2	62	[illegible]	65	62	[illegible]	60	66	65	[illegible]	[illegible]
3	59	67	62	56	[illegible]	52	65	[illegible]	[illegible]	[illegible]
4	55	[illegible]	50	50	52	56	56	[illegible]	[illegible]	[illegible]
5	60	[illegible]	[illegible]	52	[illegible]	51	[illegible]	[illegible]	[illegible]	[illegible]
6	60	[illegible]	48	43	58	62	[illegible]	[illegible]	[illegible]	[illegible]
7	59	68	49	51	60	60	[illegible]	[illegible]	[illegible]	[illegible]
8	53	65	51	49	58	60	52	62	[illegible]	[illegible]
9	62	78	47	70	[illegible]	62	[illegible]	[illegible]	[illegible]	[illegible]
10	65	86	96	80	57	95	[illegible]	[illegible]	[illegible]	[illegible]
11	60	70	77	78	60	58	[illegible]	52	[illegible]	[illegible]
12	53	[illegible]	65	64	53	52	42	48	[illegible]	[illegible]
13	55	[illegible]	66	54	48	50	56	52	[illegible]	[illegible]
14	46	66	62	47	44	55	[illegible]	49	[illegible]	[illegible]
15	38	72	51	44	48	59	42	49	[illegible]	[illegible]
16	35	69	44	33	48	57	41	[illegible]	[illegible]	[illegible]
17	39	61	49	41	59	54	42	30	[illegible]	[illegible]
18	45	62	47	61	52	66	49	40	[illegible]	[illegible]
19	47	69	49	52	43	65	46	42	[illegible]	[illegible]
20	42	65	59	47	47	57	43	37	[illegible]	[illegible]
21	42	68	35	51	50	54	46	36	[illegible]	[illegible]
22	41	65	34	47	47	56	43	34	[illegible]	[illegible]
23	42	63	35	33	35	57	37	31	[illegible]	[illegible]
24	37	60	37	28	30	55	41	33	[illegible]	[illegible]
25	30	62	34	36	40	46	37	32	[illegible]	[illegible]
26	33	61	37	33	37	43	38	32	[illegible]	[illegible]
27	30	53	44	29	34	39	30	27	[illegible]	[illegible]
28	44	84	60	69	41	47	37	31	[illegible]	[illegible]
29	42	79	55	50	40	52	43	37	[illegible]	[illegible]
30	50	77	47	48	52	48	36	37	56	[illegible]
31	44	69	53	47	50	54	37	40	56	[illegible]
MEANS	48	70	53	51	48	56	48	45	58	50
NORMAL	55	72	53	63	52	57	55	54	66	55

1 9 6 2

STATION	HIGHEST	TIME GMT.	DATE	LOWEST	TIME GMT.	DATE
BAGHDAD	96	0300	1st	11	1200	25th
MOSUL	100	00&03	29	23	1200	26
SINJAR	94	1800	10	27	1500	22
KIRKUK	95	0300	11	12	1200	23
KUTBAH	93	0300	6	16	1200	24
HAI	96	0300	1	24	1200	24
DIWANIYA	91	0300	1	7	1200	27
NASIRIYA	93	0300	1	11	1200	27
BASRAH	99	0300	1	17	1200	25
HABBANIYA	91	0000	1	7	1200	24

MARCH 1962

TABLE 4-a

(٤)

درجات الحرارة العظمى والصغرى اليومية (سنتغراد)

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

التاريخ	بغداد		موصل		سنجار		كركوك		خانقين		رطبة	
	BAGHDAD		MOSUL		SINJAR		KIRKUK		KHANAQIN		RUTBAH	
	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DATE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	20.0	8.5	17.1	2.2	13.2	5.8	16.6	7.4	20.0	7.8	18.6	2.[illegible]
2	22.2	10.2	17.8	6.6	15.5	6.2	17.6	8.4	21.1	7.8	20.0	3.0
3	22.6	7.9	19.6	2.1	16.8	5.2	20.0	6.6	22.2	5.0	23.4	2.3
4	25.2	5.4	23.1	3.8	18.8	7.8	23.5	6.1	25.0	5.0	24.4	9.[illegible]
5	23.5	10.8	22.0	8.0	20.5	8.2	24.0	10.6	24.8	8.3	21.2	10.[illegible]
6	24.9	13.2	23.1	7.3	21.5	10.4	25.2	11.4	23.3	11.7	22.6	8.[illegible]
7	27.0	10.6	24.9	5.9	23.3	8.3	24.7	12.7	26.1	10.0	23.4	7.7
8	27.2	11.8	24.2	6.2	21.2	11.3	25.9	11.6	26.1	9.4	26.5	7.5
9	24.1	14.8	19.8	12.1	16.5	11.3	22.1	13.3	24.4	12.8	19.8	9.[illegible]
10	20.0	11.2	11.4	7.6	10.6	8.5	13.6	10.8	17.8	12.2	16.6	8.0
11	20.4	6.4	17.0	4.0	13.2	5.4	15.7	6.3	17.8	8.3	15.7	3.[illegible]
12	21.2	3.7	16.5	1.9	14.2	4.3	19.1	5.6	20.6	10.0	20.0	1.[illegible]
13	19.8	8.3	17.7	2.0	15.0	3.6	19.1	8.0	20.6	5.0	21.4	7.5
14	26.1	10.6	23.0	8.8	15.9	5.4	23.9	9.5	26.1	10.0	23.2	8.2
15	29.2	13.5	26.1	7.1	26.3	7.2	28.4	9.4	28.9	9.0	25.0	5.4
16	31.2	14.4	25.8	5.8	22.7	14.6	29.1	12.5	29.1	9.4	31.0	11.[illegible]
17	28.1	15.5	25.9	12.2	21.6	8.7	27.1	13.5	26.7	12.2	19.6	8.5
18	27.2	12.9	25.3	10.2	22.5	7.7	28.1	11.0	28.9	10.6	22.5	4.6
19	27.4	9.8	25.6	7.4	23.1	10.2	26.6	12.3	27.8	10.6	27.0	10.[illegible]
20	29.2	14.7	24.0	9.4	21.8	9.2	26.4	13.2	27.8	14.4	21.5	7.[illegible]
21	26.3	11.3	23.5	5.3	20.3	5.2	22.5	9.5	25.0	8.3	23.8	6.[illegible]
22	28.6	9.8	24.8	7.3	23.2	9.5	26.2	10.2	26.7	7.8	37.7	6.[illegible]
23	31.8	11.8	27.3	8.4	26.7	11.8	29.1	11.4	31.1	8.9	32.0	8.[illegible]
24	34.2	11.7	30.6	7.9	24.8	14.9	34.4	14.8	35.6	10.6	36.2	15.5
25	31.5	17.2	30.3	9.2	23.1	8.2	27.7	15.3	30.0	16.7	26.2	12.5
26	29.[illegible]	10.7	28.2	4.4	24.2	11.6	29.7	10.6	28.6	8.3	28.8	7.7
27	29.0	16.4	24.3	8.1	19.6	12.5	29.6	15.5	28.9	10.0	21.[illegible]	1.[illegible]
28	24.0	13.2	19.6	9.2	18.2	8.2	18.2	10.0	21.7	12.8	21.2	8.[illegible]
29	23.6	9.8	20.6	3.6	18.2	7.2	23.0	9.0	24.4	9.4	21.6	5.[illegible]
30	23.4	11.4	22.4	6.9	19.3	9.8	22.3	9.8	23.3	11.1	19.8	11.[illegible]
31	27.6	13.5	24.6	6.2	19.8	10.1	26.6	10.0	26.1	9.4	25.2	11.[illegible]
MEANS	26.0	11.3	22.8	6.7	19.7	8.7	24.1	10.5	25.4	9.8	23.5	7.5
NORMAL	21.9	8.9	19.0	5.4	19.7	8.7	18.5	7.3	20.6	8.2	16.2	5.[illegible]

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
BAGHDAD	34.2	24th	1962	-2.8	5th	1952
MOSUL	30.6	24th	1962	-3.9	3rd	1948
SINJAR	26.7	23rd	1962	3.6	13th	1962
KIRKUK	34.4	24th	1962	-5.6	14th	1945
KHANAQIN	35.6	24th	1962	-2.2	14th	1945
RUTBAH	36.2	24th	1962	-6.1	14th	1939

MARCH 1962 .

TABLE -4 -b

درجات الحرارة العظمى والصغرى اليومية (سنتغراد)

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

التاريخ	حي		ديوانية		ناصرية		بصرة		حبانية	
	HAI		DIWANIYA		NASIRIYA		BASRAH		HABBANIYA	
	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DATE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	23.0	9.4	21.8	9.5	24.7	8.2	22.0	9.2	21.7	7.[illegible]
2	24.2	8.4	24.2	9.0	25.2	9.7	23.7	11.2	23.4	8.[illegible]
3	24.2	10.4	24.0	9.7	24.4	9.0	24.0	12.3	24.0	6.1
4	25.8	7.0	26.1	7.5	26.2	8.0	27.0	10.4	27.8	6.[illegible]
5	21.2	10.6	21.5	13.9	22.3	11.7	24.5	12.7	25.6	13.[illegible]
6	27.7	9.6	27.5	9.3	27.0	13.5	25.3	12.0	26.0	12.8
7	28.0	11.3	27.5	11.2	26.5	13.7	22.1	14.1	27.0	9.4
8	28.2	11.2	28.5	12.0	27.6	11.5	27.0	13.7	28.9	9.5
9	26.0	14.7	26.8	14.2	29.0	16.1	32.0	14.8	22.9	14.[illegible]
10	25.0	13.8	24.5	11.2	25.7	11.0	27.3	14.4	20.0	10.[illegible]
11	21.2	9.0	20.8	8.5	23.4	10.4	23.9	13.7	20.5	7.3
12	22.5	6.4	22.3	6.3	22.8	7.8	22.6	11.0	21.1	4.2
13	22.3	9.8	20.5	9.8	25.0	10.2	27.2	8.5	21.4	5.7
14	29.8	12.5	28.5	10.0	29.5	12.6	32.6	15.1	28.2	7.2
15	30.4	13.8	29.8	11.9	29.6	14.4	31.4	13.4	30.8	10.[illegible]
16	30.9	13.3	31.1	13.3	31.3	15.6	33.0	14.0	32.3	12.3
17	30.1	14.9	28.6	17.7	33.0	19.5	33.0	16.6	26.2	14.9
18	28.4	13.0	26.5	14.0	28.3	15.1	26.3	15.8	26.4	11.1
19	29.7	12.0	29.0	11.0	29.4	12.3	29.5	13.8	29.5	9.4
20	31.4	14.4	29.8	14.2	34.5	16.0	31.7	15.4	28.4	15.0
21	25.5	14.4	26.4	11.6	28.2	13.0	23.0	16.4	25.6	10.1
22	26.7	10.4	28.0	11.0	28.5	12.1	27.1	13.2	28.1	9.0
23	31.2	11.2	31.2	12.1	32.2	12.5	29.4	15.5	31.7	9.5
24	35.0	11.8	34.6	11.6	35.6	12.6	33.1	14.0	36.1	11.5
25	32.0	14.5	32.3	15.0	35.3	15.4	35.5	14.2	31.0	16.1
26	30.5	11.8	30.4	12.2	32.0	13.0	29.7	14.3	29.4	11.6
27	32.5	12.0	33.0	11.8	37.3	15.3	37.6	14.6	28.4	14.5
28	24.8	15.3	24.8	15.5	26.4	18.0	25.2	20.3	23.4	13.9
29	25.3	12.5	25.0	12.6	26.7	13.6	27.2	17.3	24.2	8.9
30	26.6	11.0	28.3	12.4	27.9	15.4	29.8	18.3	22.9	12.7
31	29.4	17.7	29.1	17.5	29.0	18.6	29.3	18.0	29.0	12.2
MEANS	27.4	11.9	27.8	11.9	28.5	13.1	28.3	14.1	26.5	10.5
NORMAL	23.3	9.9	23.5	8.6	24.1	10.8	24.2	12.7	22.6	9.1

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
HAI	35.0	24th	1962	0.0	14th	1959
DIWANIYA	36.1	14th	1944	-3.2	1st	1959
NASIRIYA	39.3	16th	1959	0.0	4th	1939
BASRAH	37.6	27th	1962	1.9	9th	1959
HABBANIYA	36.1	24th	1962	-2.8	1st	1938

TABLE - 5 .

المعدل الشهري لدرجات الحرارة للبصلة الجافة

MONTHLY MEAN DRY BULB TEMPERATURES (C°)

	TIME - G . M . T .								
STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	14.6	13.0	16.9	23.3	25.5	23.5	18.6	16.3	19.0
MOSUL	8.6	7.4	12.6	19.3	21.8	18.7	13.2	10.6	14.0
SINJAR	....	10.7	14.2	17.0	18.5	16.9	13.5	....	15.1
KIRKUK	12.9	11.5	17.3	21.9	22.6	19.5	15.8	14.2	17.0
KHANAQIN	....	11.2	18.6	23.6	24.4	21.7	16.7	....	19.4
RUTBAH	10.4	8.6	13.4	20.2	22.7	20.7	15.5	12.4	15.5
HAI	....	12.7	18.4	25.4	26.9	22.4	18.2	....	20.7
DIWANIYA	14.7	12.7	18.4	25.1	26.6	23.9	19.1	16.7	19.7
NASIRIYA	15.4	13.8	19.4	25.9	28.0	24.8	20.3	17.8	20.7
BASRAH	16.3	14.8	20.4	25.8	27.4	24.0	20.3	18.5	20.9
HABBANIYA	12.6	11.1	17.1	23.6	25.7	22.3	17.3	14.6	18.0

TABLE - 6 .

المعدل الشهري لدرجات الحرارة للبصلة الرطبة (ستغراد)

MOHTHLY MEAN WET BULB TEMPERATURES (C°)

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	10.6	9.7	12.2	14.9	15.3	14.6	12.8	11.4	13.7
MOSUL	7.8	6.6	10.3	13.5	13.9	13.0	10.6	8.9	10.6
SINJAR	....	7.3	9.7	11.2	11.8	11.0	9.4	....	10.1
KIRKUK	9.3	8.5	11.8	13.6	13.6	12.8	11.0	10.0	11.8
KHANAQIN	....	8.3	12.2	14.3	14.2	13.5	11.6	....	12.4
RUTBAH	7.2	6.0	9.2	12.7	13.7	12.7	10.3	8.6	10.1
HAI	....	10.4	14.0	17.0	17.6	16.1	13.5	....	14.8
DIWANIYA	10.3	9.5	13.1	15.9	16.1	14.9	13.2	11.8	13.1
NASIRIYA	11.5	10.2	13.4	15.7	16.2	15.5	13.9	12.5	13.6
BASRAH	13.5	12.4	15.4	17.8	18.4	17.3	16.0	14.7	15.6
HABBANIYA	9.2	8.4	12.0	14.9	15.5	14.4	11.9	10.4	12.0

TABLE - 7 .

المعدل الشهري للضغط الجوي على سطح البحر (ملليبارات)

MONTHLY MEAN PRESSURE (mbs.) AT M.S.L.

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	13.7	14.0	15.4	14.9	13.1	12.8	13.9	13.9	1014.3
MOSUL	15.6	16.1	16.4	15.3	13.6	13.7	15.2	15.7	1015.2
SINJAR	....	15.7	15.7	14.9	12.9	13.8	15.1	....	1014.7
KIRKUK	14.8	15.4	15.6	14.7	13.2	13.6	14.9	15.2	1014.7
KHANAQIN	....	14.5	15.1	13.3	12.1	13.1	13.6	....	1013.5
RUTBAH	13.6	14.4	15.2	14.4	12.7	13.6	14.0	14.0	1013.9
HAI	....	13.0	14.3	13.9	12.1	11.9	12.6	....	1013.0
DIWANIYA	13.2	13.9	15.2	14.6	12.7	12.5	13.6	13.5	1013.7
NASIRIYA	12.9	13.5	14.8	14.0	12.0	12.1	13.2	13.2	[illegible]
BASRAH	13.4	13.9	15.2	14.8	13.1	12.9	13.7	13.8	[illegible]
HABBANIYA	13.5	14.2	15.4	14.6	12.8	12.6	13.6	13.7	[illegible]

TABLE - 8 .

المعدل الشهري للرطوبة النسبية (٪)

MONTHLY MEAN RELATIVE HUMIDITY (%)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	60	64	56	37	30	35	49	54	43
MOSUL	88	90	77	53	42	55	74	82	70
SINJAR	..	63	55	47	43	47	59	..	54
KIRKUK	62	66	51	38	34	45	55	58	51
KHANAQIN	..	68	46	33	29	37	53	..	45
RUTBAH	62	70	56	38	32	36	48	57	50
HAI	..	76	67	40	40	54	61	..	55
DIWANIYA	61	63	53	35	29	35	48	54	47
NASIRIYA	61	63	49	30	24	34	46	52	45
BASRAH	72	76	56	43	39	49	62	63	58
HABBANIYA	63	69	54	34	30	39	52	59	50

MARCH 1962 .

TABLE - 9 .

المعدل الشهري لضغط البخار (ملليبارات)

MONTHLY MEAN VAPOUR PRESSURE (MBS.)

	T I M E - G . M . T .								
STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEAN
BAGHDAD	9.7	9.5	10.5	10.3	9.3	9.9	10.3	9.8	[illegible]
MOSUL	9.7	9.3	11.2	11.6	10.8	11.4	11.1	10.4	[illegible]
SINJAR	...	7.8	8.6	8.8	8.8	8.6	8.8	...	[illegible]
KIRKUK	8.9	8.7	9.6	9.1	8.5	9.5	9.5	9.0	[illegible]
KHANAQIN	...	9.0	9.4	8.9	8.1	9.2	9.7	...	[illegible]
RUTBAH	7.7	7.4	8.4	8.9	8.7	8.5	8.4	8.2	[illegible]
HAI	...	11.2	13.1	14.0	14.0	14.4	12.6	...	[illegible]
DIWANIYA	9.7	9.5	11.2	11.4	9.9	10.4	10.6	9.9	[illegible]
NASIRIYA	10.4	9.6	10.6	9.8	9.8	10.2	10.7	10.3	[illegible]
BASRAH	13.3	12.6	13.6	14.1	14.0	14.6	14.2	13.7	[illegible]
HABBANIYA	9.1	9.0	10.1	9.9	9.6	10.3	9.9	9.6	[illegible]

TABLE - 10 .

المعدل الشهري لدرجة الندى (مئوية)

MONTHLY MEAN DEW POINT (C°)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEAN
BAGHDAD	6.3	6.0	7.5	7.1	5.5	6.4	7.1	6.3	[illegible]
MOSUL	6.6	5.8	8.5	9.0	7.8	8.6	8.9	7.4	[illegible]
SINJAR	...	3.1	4.6	4.9	4.8	4.6	4.9	...	[illegible]
KIRKUK	5.0	4.6	6.0	5.2	4.1	5.8	5.9	5.1	[illegible]
RUTBAH	3.0	2.6	4.2	4.9	4.6	4.4	4.1	3.5	[illegible]
HAI	...	8.5	10.8	11.8	11.7	13.1	10.2	...	[illegible]
DIWANIYA	6.8	6.0	8.1	8.4	6.4	7.1	7.7	6.9	[illegible]
NASIRIYA	7.4	6.2	7.8	6.6	5.1	7.0	7.8	7.3	[illegible]
BASRAH	11.1	10.3	11.4	11.7	11.5	12.9	12.7	11.7	[illegible]
HABBANIYA	5.3	5.2	6.9	6.4	5.8	7.5	6.5	6.1	[illegible]

TABLE - 11 .

معدل الشهري لكمية الغيوم الواطئة (الاثمان)

MONTHLY MEAN LOW CLOUD AMOUNT (OKTAS)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEAN
BAGHDAD	0.0	0.2	0.5	0.4	1.1	0.7	0.1	0.2	[illegible]
MOSUL	2.6	2.2	2.0	3.0	2.6	2.8	1.5	1.6	[illegible]
SINJAR	...	0.9	1.1	1.3	1.7	1.5	1.0	...	[illegible]
KIRKUK	1.3	1.2	1.7	1.7	2.4	2.1	1.0	1.4	[illegible]
KHANAQIN	...	1.3	1.0	2.0	2.4	2.0	1.1	...	[illegible]
RUTBAH	0.9	1.1	1.0	1.3	2.0	1.6	0.5	0.7	[illegible]
HAI	...	0.1	0.2	0.4	0.2	0.4	0.2	...	[illegible]
DIWANIYA	0.2	0.5	1.0	0.5	1.2	0.9	0.2	0.4	[illegible]
NASIRIYA	0.2	0.4	0.3	0.3	0.5	0.6	0.3	0.0	[illegible]
BASRAH	0.1	0.3	0.1	0.1	0.5	0.4	0.1	0.1	[illegible]
HABBANIYA	0.0	0.4	0.2	0.4	0.7	0.6	0.6	0.7	[illegible]

TABLE - 12 .

المعدل الشهري لمجموع كمية الغيوم (الاثمان)

MONTHLY MEAN TOTAL CLOUD AMOUNT (OKTAS)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEAN
BAGHDAD	2.0	2.9	3.4	4.0	3.9	3.5	1.9	2.3	[illegible]
MOSUL	3.8	3.6	4.0	5.1	5.2	4.3	2.8	2.6	[illegible]
SINJAR	...	2.9	3.4	3.9	3.9	3.8	2.1	...	[illegible]
KIRKUK	2.7	3.1	3.2	3.9	4.7	4.0	1.8	2.8	[illegible]
KHANAQIN	...	3.2	3.4	4.0	3.5	4.1	2.3	...	[illegible]
RUTBAH	2.2	3.4	3.8	4.3	4.2	3.8	1.8	2.0	[illegible]
HAI	...	2.7	2.8	2.8	3.4	3.5	2.1	...	[illegible]
DIWANIYA	1.5	2.4	2.9	2.6	3.3	3.0	1.2	1.4	[illegible]
NASIRIYA	0.7	2.0	2.6	2.5	2.9	3.1	1.7	0.9	[illegible]
BASRAH	1.1	1.6	2.1	2.6	2.7	2.6	1.6	1.5	[illegible]
HABBANIYA	2.5	3.2	2.9	3.6	3.2	3.0	2.1	2.3	[illegible]

[illegible] 1962

TABLE 13-8

SURFACE - WIND , NUMBER OF OBSERVATIONS

STATIONS	TIME GMT.	DIRECTION N	NE	E	SE	S	SW	W	NW	CA-LM	SPEED IN KNOTS 1-10	11-20	21-30	31-40	41-50	51-60
BAGHDAD	0000	3	2	1	3	0	0	3	2	12	16	2	1	1	1	1
	0300	2	0	0	5	0	0	2	2	11	15	5	1	1	1	1
	0600	1	0	2	1	2	1	3	11	7	10	1	1	1	1	1
	0900	4	1	1	3	2	4	4	5	3	17	1	1	1	1	0
	1200	3	1	1	2	1	1	5	6	6	14	0	1	1	1	1
	1500	2	2	1	3	0	0	2	10	7	14	1	1	1	1	1
	1800	2	1	3	4	2	0	2	6	12	13	0	1	1	1	1
	2100	2	1	1	4	0	2	0	9	12	15	0	1	1	1	1
	TOTAL	19	15	10	27	11	8	23	55	70	130	10	3	1	1	1
MOSUL	0000	0	0	1	2	1	1	10	1	15	15	1	1	1	1	1
	0300	4	0	1	2	1	2	10	2	9	21	1	1	1	1	1
	0600	3	1	2	4	0	2	14	1	4	23	1	1	1	1	1
	0900	3	0	6	2	3	1	12	0	0	22	2	1	1	1	1
	1200	1	0	3	6	4	2	11	1	3	19	8	1	1	1	1
	1500	1	0	2	4	3	2	15	1	5	22	4	1	1	1	1
	1800	3	0	1	4	1	3	13	1	5	19	6	1	1	0	1
	2100	5	1	3	0	2	3	10	2	5	24	2	1	1	0	1
	TOTAL	20	2	19	24	15	16	94	13	45	165	34	1	1	1	1
[illegible]	0300	16	4	3	0	0	0	3	1	2	25	2	1	1	1	1
	0600	5	0	0	1	0	0	5	2	6	20	2	1	1	0	1
	0900	5	1	0	1	1	0	6	1	0	19	1	1	1	1	1
[illegible]	1200	4	0	2	2	3	0	8	2	6	18	2	1	1	1	1
	1500	5	3	3	3	0	0	10	1	6	18	1	1	1	0	1
	1800	7	2	6	0	1	0	4	0	2	23	1	1	1	0	1
	TOTAL	42	10	33	9	9	0	36	21	27	117	11	1	1	1	1
[illegible]	0000	1	11	7	1	0	1	0	0	10	20	0	1	1	0	1
	0300	2	5	5	0	1	0	0	0	19	12	0	1	1	0	1
	0600	1	4	3	4	5	0	0	0	16	13	1	1	1	0	1
	0900	1	0	1	2	9	1	3	0	9	18	1	1	1	1	1
[illegible]	1200	3	0	0	3	4	6	2	0	6	20	3	1	1	0	1
	1500	2	0	1	2	2	0	2	0	14	17	0	1	1	0	1
	1800	2	4	2	3	0	0	1	0	17	14	0	1	1	0	1
	2100	2	8	2	2	1	1	0	2	13	18	0	1	1	0	1
	TOTAL	14	32	20	17	20	19	13	9	104	132	5	1	1	1	1
[illegible]	0300	1	0	14	1	5	0	1	0	9	28	0	0	1	1	1
	0600	0	0	7	0	5	0	2	1	16	16	1	1	1	1	1
	0900	1	0	0	0	9	0	7	3	11	19	0	1	1	1	1
[illegible]	1200	2	0	1	0	7	0	13	2	6	23	1	1	1	1	1
	1500	1	1	2	0	7	0	10	1	9	22	1	1	1	0	1
	1800	0	0	8	2	3	0	3	0	15	16	0	1	1	0	1
	TOTAL	5	1	32	3	36	0	36	7	66	116	3	1	1	1	1

MARCH 1962

TABLE 13-b

SURFACE WIND, NUMBER OF OBSERVATIONS OF

STATIONS	TIME GMT.	DIRECTION N	NE	E	SE	S	SW	W	NW	CALM	SPEED IN KNOTS 1-10	11-21	22-33	33+	MEAN SPEED
RUTBAH	0000	1	0	6	0	5	3	6	3	7	15	8	1	0	[illegible]
	0300	0	1	4	1	6	3	9	1	6	18	6	1	0	[illegible]
	0600	0	0	4	2	3	4	10	3	5	18	5	3	0	[illegible]
	0900	2	0	3	7	8	1	7	3	0	17	10	4	0	12
	1200	0	0	4	5	6	4	8	3	1	14	11	5	0	[illegible]
	1500	4	1	7	2	6	1	3	6	1	18	10	2	0	[illegible]
	1800	2	1	6	5	2	1	1	5	8	18	4	1	0	[illegible]
	2100	1	2	5	2	7	1	2	4	7	16	8	0	0	[illegible]
	TOTAL	10	5	39	24	43	18	46	28	35	134	62	17	0	[illegible]
HAI	0300	1	0	7	1	1	0	6	6	9	21	1	0	0	[illegible]
	0600	0	0	7	3	1	1	5	8	6	13	10	2	0	10
	0900	1	0	6	4	0	0	5	8	7	12	10	2	0	10
	1200	3	0	3	3	2	1	8	6	7	14	8	2	0	[illegible]
	1500	3	0	3	0	0	0	6	6	13	16	1	1	0	[illegible]
	1800	2	0	3	2	0	0	4	8	12	15	4	0	0	[illegible]
	TOTAL	10	0	29	13	4	2	32	42	54	91	34	7	0	[illegible]
DIWANIYA	0000	6	2	5	3	0	1	10	1	3	22	6	0	0	[illegible]
	0300	3	3	4	3	1	0	10	4	3	26	2	0	0	[illegible]
	0600	10	0	5	4	1	0	7	1	3	21	7	0	0	[illegible]
	0900	4	0	5	3	2	1	8	6	2	18	11	0	0	[illegible]
	1200	6	2	5	3	0	0	12	3	0	17	14	0	0	[illegible]
	1500	4	3	5	0	1	0	6	10	2	25	4	0	0	[illegible]
	1800	2	7	5	2	0	1	12	2	0	30	1	0	0	[illegible]
	2100	2	4	6	3	2	0	11	2	1	27	3	0	0	[illegible]
	TOTAL	37	21	40	21	7	3	76	29	14	186	48	0	0	[illegible]
NASIRIYA	0000	2	1	2	1	7	0	8	1	9	19	3	0	0	[illegible]
	0300	2	1	2	2	3	2	8	3	8	22	1	0	0	[illegible]
	0600	2	0	2	8	1	2	9	5	2	20	8	1	0	[illegible]
	0900	2	0	3	6	2	0	7	8	3	18	10	0	0	[illegible]
	1200	1	0	3	6	1	0	14	5	1	19	11	0	0	[illegible]
	1500	4	4	2	6	1	0	10	4	0	27	2	0	0	[illegible]
	1800	1	3	4	2	0	0	4	9	8	20	3	0	0	[illegible]
	2100	4	0	5	3	2	0	7	4	6	23	2	0	0	[illegible]
	TOTAL	18	9	23	34	17	4	67	39	37	168	42	1	0	[illegible]
BASRAH	0000	4	0	1	1	2	1	6	3	13	18	0	0	0	[illegible]
	0300	3	1	3	1	2	0	6	2	13	18	0	0	0	[illegible]
	0600	2	2	3	3	1	1	7	5	7	22	2	0	0	[illegible]
	0900	2	1	1	5	1	1	2	13	5	19	7	0	0	6
	1200	7	0	2	0	5	0	3	11	3	21	6	1	0	6
	1500	3	1	4	0	4	0	1	11	7	21	3	0	0	5
	1800	6	1	1	1	5	1	2	5	9	22	0	0	0	3
	2100	5	0	2	1	3	1	7	5	7	24	0	0	0	3
	TOTAL	32	6	17	12	23	5	34	55	64	165	18	1	0	[illegible]
HABBANIYA	0000	1	1	3	1	0	1	6	3	15	13	5	0	0	[illegible]
	0300	1	1	2	1	0	0	11	3	12	16	3	0	0	4
	0600	1	3	1	1	2	1	10	6	6	17	8	0	0	7
	0900	2	4	2	2	3	0	10	6	2	17	11	1	0	10
	1200	1	2	4	3	1	0	12	6	2	15	13	1	0	10
	1500	1	2	7	1	1	0	5	9	5	24	2	0	0	5
	1800	0	3	6	0	0	1	6	5	10	18	3	0	0	4
	2100	0	3	4	2	0	0	5	2	15	13	2	1	0	4
	TOTAL	7	19	29	11	7	3	65	40	67	133	45	3	0	6

MARCH 1962 .

TABLE 14-a .

الهطول اليومي (مليمترات)

DAILY PRECIPITATION (MILLIMETERS) , tr. <0.05 mm.

التاريخ DATE	بغداد BAGHDAD	موصل MOSUL	سنجار SINJAR	كركوك KIRKUK	خانقين KHANAQIN	رطبة RUTBAH	هي HAI	ديوانية DIWANIYA	ناصرية NASIRIYA	بصرة BASRAH	حبانية HABBANIYA
1	tr.	tr.	tr.	tr.				4.5	14.6		0.
2											
3											
4						3.7					
5									tr.		
6						1.0					
7									tr.	0.5	
8	0.5	0.7	1.3	2.4		1.6		tr.			tr.
9		1.9	1.8	5.9	2.9		tr.		2.8	1.5	
10		4.8	5.7	3.2	0.7						
11											
12											
13	tr.						tr.	2.7	0.9	tr.	
14									tr.	tr.	
15											
16	tr.			tr.							
17											
18			tr.								
19			tr.								
20											
21											
22											
23											
24											
25											
26											
27		tr.	tr.	tr.		tr.					
28	tr.	10.8	tr.	2.7							
29						tr.					
30	0.1			tr.	1.8	tr.	tr.	tr.			0.
31	tr.	tr.		tr.		tr.	0.6	tr.	tr.		0.
TOTAL	0.6	18.2	8.8	14.2	5.4	6.3	0.6	7.2	18.3	2.0	0.
NORMAL	28.3	57.6	72.1	85.6	65.1	18.7	26.6	23.6	21.1	26.4	23.
MAX. FALL IN 24 HOURS	55.6	53.2	76.0	97.6	93.4	17.8	49.1	66.2	35.6	50.9	35.
DATE	16th	6th	4th	1st	21st	11th	13th	27th	14th	5th	25th
YEAR	1938	1954	1939	1953	1943	1961	1946	1955	1946	1946	195

MARCH 1962 .

TABLE 14-b .

الهطول اليومي (بالمليمترات)

DAILY PRECIPITATION (MILLIMETERS) , tr. < 0.05 mm.

التاريخ DATE	رواندوز RAN-WANDUZ	تلعفر TELAA-FAR	قيارة QAYARA	هويجة HAWIJA	پنجوين PENJWIN	بكرجو BAKRAJO	حلبجة HALABJA	افتخار IFTI-KHAR	جبارة GBUARA
1									
2									
3									
4									
5									
6									
7						3.0			
8									
9	12.3	7.0		4.5		4.0	29.0		
10	26.1	2.8	5.5		15.0	8.0	6.0		13.[illegible]
11					25.0				3.4
12									
13									
14									
15									
16						1.0			
17									2.8
18									
19									
20									
21									
22									
23									
24									
25									
26									
27	33.2								
28	14.1	9.7				13.0	14.0		
29					20.0				
30					15.0				
31				1.0	15.0		1.5		12.5
TOTAL	85.7	19.5	5.5	5.5	90.0	29.0	50.5	0.0	31.4

MARCH 1962 .

TABLE 14-c .

الهطول اليومي (ملليمترات)

DAILY PRECIPITATION (MILLIMETERS) , tr. <0.05 mm.

التاريخ	دهوك	شقلاوة	بنكرد	نجف	بيجي	طوز	سامراء	المنصور	صلاح الدين
DATE	DUHOK	SHAQ-LAWA	BINKIRD	NAJAF	BAIJI	TUZ	SAMI-RAA	AL MANSOOR	SALAH-ALDDIN
1	7.2								
2									
3									
4									
5									
6									
7									tr.
8			11.0						16.0
9	10.1	30.0	8.0		tr.			26.0	20.0
10	20.6	19.0	15.4			15.2			14.0
11									
12									
13									
14									
15									
16									
17									
18									
19									tr.
20									
21									
22									
23									
24									
25									tr.
26									10.0
27	5.1								
28	21.4		9.5						
29		22.0							
30							1.4		
31					tr.		tr.		
TOTAL	64.4	71.0	43.9	0.0	tr.	15.2	1.4	26.0	60.0

MARCH 1962 .

TABLE 14-d .

الهطول اليومي (بالملمترات)

DAILY PRECIPITATION (MILLIMETERS) , tr. < 0.05 mm.

التاريخ DATE	جلولاء JALA-WLAA	سعدية SAIDIYA	بعقوبة BAKOBA	عزيزية AZIZI-YA	بدرة BADRA	هيت HIT	مندلي MANDILY	كربلاء KARBALAA	كوت KUT
1							2.0		
2							1.0		
3									
4									
5									
6									
7									
8									
9							5.5		
10	10.2		0.3						
11									
12									
13				tr.					
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28			1.5						
29						tr.			
30				tr.		tr.			
31						tr.			
TOTAL	10.2	0.0	1.8	tr.	0.0	tr.	8.5	0.0	0.0

MARCH 1962 .

TABLE 14-a .

الهطول اليومي (بالمليمترات)

DAILY PRECIPITATION (MILLIMETERS) . tr. (0.05 mm.

التاريخ	نخيب	سماوة	معقل	فاو	قلعة ديزة	كوسنجق	عفرة	عين سيفني	نارة دغ	[illegible]
DATE	NUKHAIB	SAMAWA	MAQIL	FAO	QALAT DIZZA	KOISI-NJANQ	IFRAM	AIN-SIFNI	NARA-DAGH	[illegible]
1					9.5	11.0	5.9			1.4
2						1.0				
3	5.0									
4										
5										
6										
7									0.8	
8	tr.									2.6
9		1.0				2.0		8.0	7.0	15.0
10			1.0		5.0	18.0	3.6	17.0	20.4	28.6
11					10.0	27.0	18.7		1.5	2.5
12					25.0					
13					1.0					
14										
15										
16										
17		3.5							0.5	
18					1.0					
19										
20										
21								5.0		
22								3.0		
23										
24										
25								6.0		
26										
27										6.0
28						3.0			6.5	11.0
29						14.0	5.3			8.0
30					18.0					
31								9.0		
TOTAL	5.0	4.5	1.0	0.0	69.5	76.0	33.5	48.0	36.7	66.8

[illegible]ARCH 1962 .

[illegible]BLE 14-2 .

[illegible]

DAILY PRECIPITATION (MILLIMETERS) , tr. < 0.05 mm

[illegible]	قادر كرم	فتحة	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	QADIR KARAM	FATHA	BAWA-NOOR	TAQTAQ	AL ETHAIM	DUKAN	KOFRI	KALALA	[illegible]	[illegible]
1		1.7	2.5			0.5	1.0	17.0	[illegible]	[illegible]
2										
3										
4										
5										
6										[illegible]
7										[illegible]
8					1.3	2.0			[illegible]	[illegible]
9	2.0	tr.	14.5	8.0	2.0	10.0			[illegible]	[illegible]
10	3.2		2.0	10.0		27.0	2.0	14.0	[illegible]	[illegible]
11						1.0		21.0	0.3	[illegible]
12										
13										
14										
15										
16						2.0			1.2	
17			3.5							
18										
19										
20										
21										
22										
23										
24										
25										
26										6.2
27									14.5	18.5
28			2.0	5.0		15.0	2.0		27.5	
29									8.8	
30			1.0			tr.	1.0		6.6	
31		tr.								
TOTAL	5.2	1.7	25.5	23.0	3.3	57.5	6.0	52.0	168.5	94.1

[illegible] - 15 .

CLIMATOLOGICAL SUMMARY : الملخصات المناخية

of days of Phenomenas : عدد الايام التي ظهرت فيها الظواهر الجوية

[illegible]ATIONS	RAIN	SNOW	HAIL	THUNDER STORM	FOG	DUST	STATE OF SKY CLEAR	STATE OF SKY CLOUDY	GROUND FROST
[illegible]DAD	1	0	0	1	1	0	8	1	0
[illegible]	4	0	1	1	1	1	2	1	0
[illegible]AR	3	0	0	0	0	0	3	0	0
[illegible]KUK	4	0	0	1	0	1	4	2	0
[illegible]AQIN	3	0	0	1	0	0	6	1	0
[illegible]TBAH	3	0	0	1	0	0	8	3	0
[illegible]	1	0	0	0	0	0	11	4	0
[illegible]WANIYA	2	0	0	2	0	0	14	2	0
[illegible]SIRIYA	3	0	0	2	0	0	16	0	0
[illegible]RAH	2	0	0	0	1	0	16	1	0
[illegible]BANIYA	2	0	0	2	0	0	11	1	0

[illegible]BLE - 16 .

DURATION OF SUNSHINE : مدة سطوع الشمس

[illegible]ATIONS	MONTHLY TOTAL SUNSHINE HOURS	MAX. SUNSHINE ONE DAY HOURS	MAX. SUNSHINE ONE DAY DATE	No. OF DAYS WITHOUT SUNSHINE
[illegible]DAD	250.0	11.1	26th	2
[illegible]	250.3	11.0	25&26th	1
[illegible]RAH	262.9	11.3	26th	0
[illegible]BANIYA	244.0	11.4	25th	1

[illegible]BLE - 17 .

المعدل الشهري لحرارة الحشيش والتربة والسرعة الاقصوى للريح السطحي

MONTHLY MEAN OF : and , HIGHEST HOURLY WIND (GUST) IN KNOTS.

[illegible]ONS	GRASS MINIMUM C° TEMPERATURES	EARTH TEMPERATURE 0.3 M	EARTH TEMPERATURE 1.2 M	HIGHEST WIND KNOTS	DIRECTION	TIME GMT.	DATE
[illegible]DAD	6.8	18.7	19.6	30	150	0000	9th.
[illegible]	...	14.9	15.2	30	180	1200	9th.
[illegible]AR	....	....	....	42	350	1200	25th
[illegible]KUK	6.2	15.2	14.7	40	180	0900	27th
[illegible]AQIN	....	....	....	40	180	0900	27th
[illegible]TBAH	....	....	....	30	170	1200	16th
[illegible]	9.3	....	....	30	110	0600	27th
[illegible]SIRIYA	11.8	20.9	20.9	25	280	0600	28th
[illegible]WANIYA	....	....	....	20	270	0600	28th
[illegible]RAH	9.7	....	....	28	160	1200	28th
[illegible]BANIYA	6.0	17.5	18.6	38	260	1800	8th.

RADIOSONDE OBSERVATIONS AT STANDARD LEVELS (0001 G.M.T.) AT BAGHDAD AIRPORT

	1000-millibars					850-mbs.					700-mbs.					600-mbs.					500-mbs.			
DATE	HGT	TT	T_dT_d	dd	ff	HGT	TT	T_dT_d	dd	ff	HGT	TT	T_dT_d	dd	ff	HGT	TT	T_dT_d	dd	ff	HGT	TT	T_dT_d	dd
1	012	12	10	29	03	147	05	02	28	09	310	24	67	25	15	422	04	81	24	24	558	74	89	25
2	017	14	10	13	06	152	06	01	24	07	308	55	61	27	17	427	64	71	25	32	565	74	84	20
3	022	17	07	35	07	153	06	52	29	14	315	01	63	31	22	437	58	77	31	22	576	68	86	28
4	-	-	-	-	-	NO RADIOSONDE																		
5	015	19	05	35	07	154	11	57	33	10	308	00	60	33	13	428	59	72	30	20	567	69	85	28
6	015	16	10	15	05	153	11	59	11	15	311	53	58	06	14	431	62	63	13	11	569	70	74	16
7	014	16	08	23	05	152	11	58	20	13	310	52	62	21	07	430	62	65	23	12	568	70	75	23
8	014	17	10	16	06	152	11	00	21	08	309	55	57	25	14	429	60	71	30	14	568	68	84	30
9	NO RADIOSONDE																							
10	009	16	12	24	08	145	09	05	24	12	303	51	55	23	23	424	60	65	21	24	563	68	73	22
11	011	11	06	29	06	145	04	54	29	06	299	57	68	26	33	419	60	80	27	39	557	71	88	25
12	013	14	01	30	08	148	05	62	25	13	305	51	73	30	26	426	57	80	25	30	564	70	85	26
13	013	13	05	34	08	149	08	58	30	13	307	01	70	27	12	429	58	73	22	16	568	69	76	24
14	013	14	08	00	00	150	09	52	14	04	308	51	59	27	21	429	60	66	27	22	567	71	76	27
15	015	21	08	03	15	154	14	02	02	15	313	01	61	30	10	435	57	67	28	18	575	66	75	30
16	013	19	10	00	00	152	12	53	13	03	311	05	71	21	06	435	55	77	26	11	575	66	83	29
17	006	22	11	16	12	148	17	01	21	10	309	05	58	29	09	432	57	66	22	11	571	68	72	23
18	011	17	06	33	23	148	13	54	15	16	308	03	64	24	09	431	56	76	26	16	571	66	85	25
19	010	17	07	30	12	150	11	01	19	10	310	04	70	22	18	433	55	77	22	23	574	65	86	24
20	011	23	14	16	10	151	15	55	23	11	311	01	64	23	24	434	55	74	24	24	573	67	81	24
21	012	13	04	32	20	149	11	54	31	20	308	03	67	28	25	431	55	69	27	32	572	64	82	28
22	013	16	02	32	05	149	09	63	30	10	310	04	71	28	18	433	54	73	29	25	574	66	85	28
23	012	17	05	31	06	151	17	64	32	25	313	05	71	33	17	437	53	78	33	35	579	63	86	31
24	011	21	06	35	16	153	21	65	34	19	317	07	72	34	20	441	53	79	34	16	582	62	88	33
25	008	21	09	22	18	149	20	58	23	23	313	09	65	25	57	438	52	66	26	40	579	65	71	26
26	010	20	05	32	08	149	14	61	31	16	309	03	73	30	10	432	56	77	28	24	572	67	84	27
27	006	19	07	13	03	146	15	60	19	16	306	05	65	26	28	429	57	73	26	32	569	67	85	26
28	004	18	09	30	15	148	09	57	29	22	298	55	62	25	17	417	60	74	26	49	556	68	86	27
29	010	18	11	24	10	146	08	03	28	25	303	55	59	28	38	423	54	70	28	70	562	67	76	24
30	013	19	00	00	00	151	12	56	28	20	310	52	62	25	19	431	57	73	28	52	571	65	86	28
31	013	16	09	14	09	151	12	01	21	14	310	01	54	26	25	432	57	66	27	45	572	66	71	27
MONTH	012	17	07			150	11	54			307	01	64			430	56	72			563	67	81	

NOTE: Heights are in decametres to all levels. - Temperatures and dew points are in degrees C.

RADIOSONDE OBSERVATIONS AT STANDARD LEVELS (000Z G.M.T.) AT BAGHDAD AIRPORT

	400-mbs.					300-mbs.					200-mbs.					150-mbs.					100-mbs.				
DATE	HHH	TT	T_dT_d	dd	ff	HHH	TT	T_dT_d	dd	ff	HHH	TT	T_dT_d	dd	ff	HHH	TT	T_dT_d	dd	ff	HHH	TT	T_dT_d	dd	ff
1	719	86	00	25	32	912	00	11	25	50	1170	07	17	25	73	1353	16	18	25	64	1609	08	19	24	85
2	722	88	96	27	52	915	00	08	27	70	1175	05	14	24	76	1353	07	17	25	99	1614	08	18	26	95
3	739	80	96	27	24	937	95	05	24	35	1198	08	21	30	73	1380	08	20			1632	12			
4	No radisonde																								
5	730	79	89	27	34	939	96	01	27	43	1197	11	16	27	56	1376	11	17	26	99	1630	11			
6	730	83	86	12	09	927	95	06	20	30	1192	05	16			1375	07	17			1628	12	23		
7	730	82	89	23	25	927	97	04	27	45	1190	04	13			1374	06	15			1629	12			
8	731	79	95	29	49	931	94	08	28	78	1197	00	14	28	63	1383	05		29	60	1637	12			
9	No radiosonde																								
10	726	79		25	50	925	94		26	56	1187	08		26	64	1369	05								
11	717	74	00	26	52	913	95	11	26	61	1179	00	15	26	68	1367	03	18			1624	10	17		
12	725	89	92	28	50	921	98	14	29	81	1178	15													
13	729	82	86	26	42	926	98	01	26	44	1184	09	12			1365	09				1619	10			
14	728	82	89	24	23	924	98	05	25	31	1181	10	17			1362	08	16			1615	11	20		
15	739	79	87	30	45	937	96	14	30	57	1200	06	11	29	80	1382	08	14	29	96	1636	13			
16	738	80	95	28	27	938	94	03	28	43	1200	07	16	29	53	1381	10	20			1629	18			
17	734	81	85	24	39	931	98	06	25	40	1191	06	15	26	38	1373	09	18			1624	15			
18	735	77	94	27	34	935	94	09	26	38	1196	08	21	27	50	1379	07	22	26	40	1630	15			
19	738	77	75	23	26	939	94	08	23	16	1202	05	13			1386	05	19			1639	15			
20	737	79	92	25	27	937	94	06	25	60	1196	07	18			1379	07	17							
21	737	77	92	28	56	933	93	04	28	84	1200	08	16	28	60	1382	09	18			1632	15	25		
22	733	78	90	26	31	938	94	99	28	46	1201	09	17	27	72	1383	07	16	28	85	1634	15		28	50
23	744	77	94	32	72	946	93	05	32	55	1210	06	17												
24	749	75	08	29	30	952	91	08	29	50	1218	03	18	28	72	1402	06		29	70	1652	20			
25	743	77	88	25	49	944	93	95	26	80	1207	06	12			1393	03	12							
26	736	79	93	28	50	935	94	06	27	56	1196	11	21			1377	07				1631	13			
27	732	78	95	26	54	933	93	07	28	48	1198	06	19			1377	13				1627	13			
28	719	82	99	27	78	918	90	08	29	62	1187	01	17			1373	03				1643	14			
29	728	75	80	28	86	931	87	92			1199	02	06			1383	07	11			1637	12	17		
30	736	77	93	28	61	937	94	05	27	49	1201	0414	14												
31	736	77	88	26	98	936	94	05	24	72	1198	06	16	27	78	1380	09	19	27	15	1632	14	27		
MEANS	733	80	90			932	95	06			1194	06	16			1377	08	17			1630	13	23		

Note; Temperatures & Dew Point below Freezing 50 is added to .

TABLE 19-a

BAGHDAD AIRPORT

Month: March 1952.

Frequency of Horizontal Visibility

T I M E - G.M.T.

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -200M																									
>200 -500M					1/1																				1
>500 -1000M																									
>1000 -1500M																									
>1500 -3000M						1	2									1									4
>3 -5KM				1	1	1		1					1	1	1	1	2								10
>5 -10KM	1	2	2	3	20	20	13	13	7	3	8	8	4	5	4	13	13	4	1	2	2	2	2	2	154
>10 -15KM	7	9	9	16	8	8	14	11	15	22	14	12	14	14	17	13	13	14	11	7	8	5	6	5	272
>15KM	23	20	20	11	1	1	2	6	9	6	9	11	12	11	9	3	3	13	19	22	21	24	23	24	303
Total	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	744

Frequency of different heights of cloud-base (amount 5-8 Oktas)

Height	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -50M																									
>50 -150M																									
>150 -300M																									
>300 -500M																									
>500 -900M																							1		1
>900M	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	30	31	743

NOTE:

In field containing two numbers the first one gives the cases with du in the air. the second number shows t total.

YEAR 1962 BASRAH AIRSTRIP

Month: March 1962.

Frequency of Horizontal Visibility

T I M E - G.M.T.

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
100M																									
200																									
500M																									
750				1	1	1/1	1/1	1/1																	5
1000M																									
1500																									
2000M				1/1	2/5	1/3	1/1	2/2			1/1				1/1	1/1	2/2	2/2				1/1	1/1		21
3 KM	1/1	1/1	1/1	1/1	1	1/1			2/2	1/1			1/1	1/1		1/2	1/2		2/2					1/1	18
5 KM	1/1	1/1	1/1	1/2	3/3	3/6	1/3	2	1/5	2/3	2/4	3/5	3/3	4/4	3/5	6/6	4/5	2/3	1/3	4/4	4/4	3/4	2/4	1/3	85
10 KM	7	5	6	8	11	6	7	7	4	7	8	8	9	8	9	9	7	7	8	8	8	7	6	5	175
25KM	22	24	23	18	10	17	19	19	20	20	18	18	18	18	16	13	15	19	18	19	19	19	20	22	444
Total	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	744

Frequency of different heights of cloud-base (amount 5-8 Oktas)

Height	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
50M																									
100																									
150M																									
250																									
500M																									
1000																									
1500M																									
2000																									
2500M																									
3000	4	4	4	3	7	8	9	10	10	12	12	10	10	11	10	11	12	9	5	5	4	6	7	7	190

NOTE:

In fields containing two numbers the first one gives the cases with dust in the air. the second number shows the total.

TABLE 20-a.

Month: March 1962.

BAGHDAD AIRPORT

Simultaneous occurrences of specified visibility ranges and specified lowest cloud-base (≥5 Oktas)

HEIGHT	VISIBILITY																										
METERS	0-200M			>200-500M			>0.5-1KM			>1-1.5KM			>1.5-3KM			>3-5KM			>5-10KM			>10-15KM			>15KM			TOTAL		
0-50																														
>50-150																														
>150-300																														
>300-500																														
>500-900																														
< 5/8 OR *													2			1			1	3	13	7	16	14	23	11	2	31	31	31
>900													1			1	1		3	4	13	22	14	13	6	12	3	31	31	31
AND ≥5/8													3				3		1	2	40	11	5	102	19	24	100	31	31	248
													2			1			1	3	13	7	16	14	23	11	2	31	31	31
TOTAL													1			1	1		3	4	13	22	14	13	6	12	3	31	31	31
													3				3		1	2	40	11	5	102	19	24	100	31	31	248

NOTE:

The nine fields for each combination of visibility and height contain the number of occurrences for different times using the following model :

00	03	06
09	12	15 GMT.
18	21	To

To= Total for all hours.

*ALL CASES WITH CLOUD AMOUNT OF LESS THAN 5/8 ARE ENTERED HERE.

TABLE 20-b.

Month: March 1962.

BASRAH AIRPORT

Simultaneous occurrences of specified visibility ranges and specified lowest cloud-base (≥5 Oktas)

HEIGHT METERS	VISIBILITY 0-200M			>200-500M			>0.5-1KM			>1-1.5KM			>1.5-3KM			>3-5KM			>5-10KM			>10-15KM			>15KM			TOTAL		
0-50																														
>50-150																														
>150-300																														
>300-500																														
>500-900																														
<5/8 OR *										1	1		1	1	1	1		1	2	1	4	4	7	25	22	21	31	31	31
>900														2	3		2		4	6	7	6	7	21	21	14	31	31	31
AND ≥5/8											2			4	1	1	9	3	3	20	5	5	45	22	22	168	31	31	248
										1	1		1	1	1	1		1	2	1	4	4	7	25	22	21	31	31	31
TOTAL														2	3		2		4	6	7	6	7	21	21	14	31	31	31
											2			4	1	1	9	3	3	20	5	5	45	22	22	168	31	31	248

NOTE:

The nine fields for each combination of visibility and height contain the number of occurrences for different times using the following model :

00	03	06	
09	12	15	GMT.
18	21	To	

To= Total for all hours.

* ALL CASES WITH CLOUD AMOUNT OF LESS THAN 5/8 ARE ENTERED HER

الجمهورية العراقية

وزارة المواصلات

مديرية الطيران المدني العامة

REPUBLIC OF IRAQ

MINISTRY OF COMMUNICATIONS

DIRECTORATE GENERAL OF CIVIL AVIATION

مديرية الانواء الجوية

METEOROLOGICAL DEPARTMENT

شعبة المناخ

CLIMATOLOGICAL SECTION

تقرير المناخ الشهرى

Monthly Climatological Data

No. 4
Vol. 25
Month April
Year 1962

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مجلـــد ٢٥
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CLIMATOLOGICAL SECTION

B A G H D A D

معلومات مناخية شهرية لشهر نيسان ١٩٦٢

MONTHLY CLIMATOLOGICAL DATAS FOR APRIL 1962

مجلد ٢٥ عدد (٤) ، نيسان ١٩٦٢

VOLUME 25 , No. (4) , APRIL 1962 .

C O N T E N T S

	TABLE	PAGE
General explanation of the maps & notes on tables	-	0
Daily mean temperatures	1	1
Daily mean pressure at M.S.L.	2	2
Daily mean relative humidity	3	3
Daily maximum and minimum temperatures	4ab	4-5
Monthly mean Dry-Bulb temperatures	5	6
" Wet-Bulb "	6	6
" pressure at M.S.L.	7	6
" relative humidity	8	6
" vapour-pressure	9	7
" dew-point	10	7
" low-cloud amount	11	7
" total-cloud amount	12	7
Surface-Wind, number of observations of :	13ab	8-9
Daily precipitation	14a-f	10-15
Climatological summary	15	16
Duration of sunshine	16	16
Monthly mean temperatures of grass & earth, with highest gust of wind speed.	17	16
Baghdad radiosonde observations	18ab	17-18
Frequency of horizontal visibility at Baghdad and Basrah	19ab	19-20
Combined statistics of visibility and cloud base at Baghdad & Basrah.	20ab	21-22

المحتويات

نبذة عامة عن التقرير الشهري		
المعدل اليومي لدرجات الحرارة		
" " للضغط الجوي على سطح البحر		
" " للرطوبة النسبية		
درجات الحرارة العظمى و الصغرى اليومية		
المعدل الشهري لدرجات الحرارة للبصلة الجافة		
" " " " الرطبة		
" " للضغط الجوي على سطح البحر		
" " للرطوبة النسبية		
" " لضغط البخار		
" " للدرجة الندى		
" " لكمية الغيوم الواطئة		
" " لمجموع كمية الغيوم		
عدد تكرار رصدات الرياح السطحية		
الهطول اليومي		
الخصائص المناخية		
مدة سطوع الشمس		
المعدل الشهري لحرارة الحشيش و التربة و اقصى سرعة الريح خلال ساعة		
رصدات الراديوسوند في بغداد		
احتمالات كل من مدى الرؤيا و ارتفاع الغيوم في بغداد و البصرة		
احصائيات مزدوجة لمدى الرؤيا و لقاعدة الغيوم في بغداد و البصرة		

نيسان ١٩٦٢

كان الشهر غير اعتيادي لحدوث الزوابع الرعدية الشديدة فوق القطر حيث عبرت انخفاضات متعاقبة من الغرب الى الشرق وكان معظمها مصحوبا بجبهات الباردة والحارة وكانت الزوابع الرعدية تسبقها زوابع ترابية احيانا او مصحوبة بسقوط مطر غزير وفي بعض الاماكن سقط البرد . اما الرياح فكانت على العموم جنوبية شرقية او شرقية خلال عبور الانخفاضات الجوية وكان الجو ذو ضغط عالي ومستقر في الايام ٥-٩ ، ١٦ ، ١٧ ، ٢١ ، ٢٩ و ٣٠ من الشهر

APRIL 1962

The month of April 1962 was marked by unusual Thunderstorm activity over the Country .

There were a series of depressions which moved across the Country from West to East, and most of these associated with well-marked frontal systems. The Thunderstorms were accompanied by rain in most places, and there were a few cases where they were proceeded by duststorms , a few isolated cases of Hail were also reported . The winds were mainly from Southeast to east during the passage of the depressions.

The weather was anticyclonic and stable between: 5 to 9, 16 and 17, and on 21,29 and 30th. of the month.

NOTES ON TABLES

Pressure: is expressed in Millibars, the initial 9 or 10 is being omitted. One millibar equal 1000 dynes per sq.cm. All mean pressure are reduced to Mean Sea Level (M.S.L.)

Temperature: (In Centigrade), the measurements of temperatures are made in Stevenson (Louvred) Screens in the open . The height of the thermometer bulbs is approximately 1.3 meters above the ground level.

Humidity: The values given depend on the readings of the dry & wet bulb thermometers in Stevenson Screens.

Rainfall: (Millimeters) , the daily amount is for 24 hours from 0600 G.M.T. on the day of entry to 0600 G.M.T. on the next day . A day is reckoned as a day of rain if the total rainfall is 0.2 mm. or more.

Weather : Days of fog or dust are thus on which the range of vision is less than 1000 meters at any time of the day.

Clear Days: Are those on which the average cloud amount at all observation hours is 0 or 1 Okta. Cloudy days are those on which the average cloud amount is 7 or 8 Oktas.

TIMES ARE G.M.T. = Local time minus 3 hours.

نيسان ١٩٦٢

APRIL 1962 .

TABLE - 1 .

المعدل اليومي لدرجات الحرارة (سنتغراد)

DAILY MEAN TEMPERATURES (C°) OF 6 OBSERVATIONS

DATE	بغداد BAGHDAD	موصل MOSUL	سنجار SINJAR	كركوك KARKUK	رمادية RUTBAH	كوت KUT	ديوانية DIWANIYA	ناصرية NASIRIYA	بصرة BASRAH	حديثة HADDANIYA
1	20.7	16.2	16.5	19.2	18.5	23.8	22.0	24.8	25.3	19.4
2	20.7	14.3	14.4	17.7	17.9	23.2	22.7	24.4	25.0	20.5
3	22.8	16.0	15.6	18.5	18.0	24.6	22.5	24.5	22.3	21.9
4	19.9	15.7	13.5	17.4	16.4	22.4	20.9	22.2	24.6	13.4
5	18.8	14.7	14.7	16.5	14.9	21.1	19.0	20.8	22.2	18.5
6	19.2	14.4	18.3	15.9	18.1	20.8	20.2	20.2	21.3	18.8
7	22.8	17.4	21.4	21.2	21.9	24.3	23.4	24.3	23.0	21.5
8	25.9	20.4	24.7	24.7	24.1	27.6	25.8	26.8	24.5	25.1
9	27.1	21.6	20.8	26.2	17.3	28.1	27.5	27.1	28.1	25.5
10	20.4	15.6	14.5	17.5	14.3	22.4	20.6	21.4	23.1	13.7
11	19.4	15.8	17.3	17.4	15.4	21.6	20.0	20.1	21.5	18.9
12	19.1	15.1	17.9	18.2	16.9	21.8	20.5	21.2	21.6	18.3
13	21.5	17.9	21.0	21.2	19.1	23.5	21.9	22.7	20.3	20.9
14	23.8	19.4	21.4	23.9	22.4	25.7	24.0	24.1	23.9	24.1
15	26.8	20.3	22.9	23.2	19.2	26.8	26.5	26.0	26.7	25.[illegible]
16	22.7	18.6	18.3	20.2	16.0	24.4	23.2	25.9	25.9	21.1
17	21.8	17.4	18.8	20.4	16.2	24.0	22.8	24.1	25.2	21.0
18	22.9	19.1	21.2	23.3	14.8	25.5	23.9	24.3	22.6	21.9
19	18.4	17.9	19.5	18.3	14.2	19.4	20.6	22.7	25.0	17.3
20	19.4	17.8	16.7	19.3	14.3	17.9	19.1	19.0	23.1	19.4
21	20.0	17.1	16.5	18.2	16.3	20.8	20.9	21.1	20.2	20.1
22	20.1	16.0	16.7	17.5	16.2	22.9	22.1	23.5	23.3	19.0
23	20.7	18.2	16.4	18.9	17.5	22.8	22.4	23.5	24.0	20.2
24	24.4	19.0	18.6	20.7	19.4	23.6	24.0	25.0	24.1	23.5
25	25.1	18.1	16.0	18.0	20.1	24.9	25.5	25.7	25.5	24.2
26	20.5	15.7	13.8	17.1	17.7	19.8	20.4	21.9	23.5	22.3
27	21.5	14.8	13.8	17.4	19.4	21.8	21.6	20.9	21.2	24.9
28	22.0	13.9	14.1	15.6	17.1	25.1	23.2	25.9	26.2	22.9
29	19.4	14.5	13.9	16.8	17.1	22.6	21.9	23.8	24.5	20.0
30	23.0	17.0	17.6	18.3	20.9	23.5	23.2	23.4	20.7	22.0
MEANS	21.7	17.0	17.4	19.3	17.7	23.3	22.5	23.3	23.3	21.1
NORMAL	21.5	17.1	17.4	19.1	18.1	23.1	22.6	22.6	24.1	22.7
YEARS OF NORMAL	1937	1923	1961 1962	1935	1928 to 1956	1940	1939	1940	1937	1935

NOTE: TIME - G . M . T .

$$\frac{0000+0300+0600+0900+1200+1500+1800+2100}{8} = \text{DAILY MEAN}$$

DAILY MEAN PRESSURE (MILLIBARS) AT M.S.L. المعدل اليومي للضغط الجوي على سطح البحر (ملليبارات)

DATE	BAGHDAD	MOSUL	SINJAR	KIRKUK	RUTBAH	HAI	DIWANIYA	NASIRIYA	BASRAH	HABBANIYA
1	1010.7	1014.0	1013.2	1012.8	1009.6	1010.9	1010.2	1010.0	1011.6	1010.3
2	1[illegible].2	12.4	12.1	11.4	11.0	08.6	09.4	08.2	08.6	09.9
3	07.7	09.4	08.9	08.8	08.8	07.5	07.5	08.0	08.5	07.6
4	[illegible]	06.2	06.5	05.4	[illegible]	06.0	06.7	06.7	07.6	06.3
5	[illegible]	10.8	10.3	10.5	12.2	09.6	10.9	09.7	10.0	10.9
6	[illegible]	15.6	14.4	15.2	13.7	12.9	14.1	13.2	13.2	14.4
7	13.4	15.1	14.3	14.1	12.6	11.1	12.9	11.7	12.1	13.7
8	10.0	11.8	10.9	10.9	09.1	08.2	09.7	09.1	08.7	09.9
9	07.0	08.6	08.6	07.7	10.6	05.7	06.0	05.8	07.6	07.3
10	13.7	14.0	13.9	13.8	15.7	10.8	13.3	11.1	09.5	14.3
11	14.5	15.4	14.5	14.7	16.0	12.4	14.3	13.1	12.5	14.8
12	14.8	16.0	15.3	15.3	15.7	12.5	14.2	13.1	12.8	15.0
13	12.7	14.4	13.4	13.1	13.8	10.8	12.2	11.5	11.7	12.7
14	08.5	10.4	09.6	09.2	07.7	07.9	08.4	08.4	09.6	08.1
15	05.8	07.1	05.5	07.7	08.1	05.9	05.8	04.6	06.5	05.8
16	07.9	07.2	07.3	08.1	10.1	06.5	07.5	06.7	06.5	08.3
17	09.6	11.0	10.3	10.7	10.6	07.3	09.7	09.2	09.4	09.5
18	09.1	10.7	09.8	10.1	09.5	08.9	08.7	09.4	10.2	08.5
19	09.6	10.4	10.5	10.6	08.9	07.6	08.6	07.5	08.3	09.1
20	08.7	10.2	10.6	09.5	09.9	07.3	08.2	07.4	06.6	08.8
21	08.6	08.9	08.3	08.7	09.5	08.8	08.9	09.0	09.5	08.3
22	12.4	13.8	12.3	13.6	12.1	11.5	11.5	11.0	12.4	11.6
23	15.3	16.8	16.2	16.1	14.8	13.9	14.6	13.4	13.7	15.0
24	15.0	16.3	15.6	15.7	13.3	14.5	14.8	14.3	14.3	14.7
25	09.3	12.6	12.3	12.5	08.9	09.5	08.9	09.9	11.9	09.2
26	05.1	06.6	06.7	06.4	06.4	05.8	05.9	06.1	06.9	04.8
27	06.6	08.1	08.6	08.2	05.2	07.6	06.7	07.2	07.7	05.8
28	[illegible]	07.4	06.5	07.2	06.1	02.4	03.9	03.6	04.6	04.6
29	[illegible]	13.3	12.8	13.0	[illegible]	10.7	11.9	11.0	11.2	12.3
30	14.7	15.7	15.0	15.3	[illegible]	13.1	13.9	13.4	13.5	13.9
MEANS	1010.3	1011.7	1011.1	1011.2	1010.7	1009.2	1010.1	1009.4	1009.9	1010.2
NORMAL	1011.8	1012.4	1011.1	1011.7	1012.7	1011.5	1010.6	1010.9	1011.2	1011.4

1962

STATION	HIGHEST	DAY	YEAR	TIME	LOWEST	DAY	YEAR	TIME
BAGHDAD	1017.2	24th	1962	0600	1002.9	28th	1962	1500
MOSUL	1018.7	24	1962	0600	1003.8	4	1962	1200
SINJAR	1018.1	24	1962	0600	1003.6	15	1962	1500
KIRKUK	1017.6	24	1962	0600	1003.1	26	1962	1200
RUTBAH	1017.4	11	1962	0600	1004.0	27	1962	1500
HAI	1015.6	14	1962	0600	1000.4	28	1962	1500
DIWANIYA	1017.2	23	1962	2100	1001.6	15	1962	1500
NASIRIYA	1016.3	24	1962	0600	1001.6	15	1962	1500
BASRAH	1015.8	24	1962	0600	999.7	26	1962	1200
HABBANIYA	1016.5	24	1962	0600	1002.7	26	1962	1200

RECORDS

STATION	HIGHEST	DAY	YEAR	TIME	LOWEST	DAY	YEAR	TIME
BAGHDAD	1026.6	26th	1956	0900	996.3	29th	1956	1500
MOSUL	1027.9	2	1956	0300	997.3	19	1958	1800
SINJAR	1028.1	24	1962	0600	1003.6	15	1962	1500
KIRKUK	1026.5	1	1956	2100	997.2	29	1956	1500
RUTBAH	1028.7	1	1956	0600	998.4	19	1958	1200
HAI	1024.9	1	1956	0900	997.1	29	1956	1500
DIWANIYA	1025.8	1	1956	2100	997.6	29	1956	1200
NASIRIYA	1025.9	1	1956	2100	998.5	29	1958	1500
BASRAH	1024.7	1	1956	1800	999.5	13	1952	1200

APRIL 1962 .

(3)

TABLE - 3 .

المعدل اليومي للرطوبة النسبية (٪) لـ ٨ مشاهدات

DAILY MEAN RELATIVE HUMIDITY (%) OF 8 OBSERVATIONS

التاريخ	بغداد	موصل	سنجار	كركوك	رطبة	حي	ديوانية	ناصرية	بصرة	حبانية
DATE	BAGH-DAD	MOSUL	SINJAR	KIRKUK	RUTBAH	HAI	DIWA-NIYA	NASI-RIYA	BASRAH	HABBA-NIYA
1	61	77	65	58	45	63	49	49	62	66
2	67	87	80	68	50	66	57	49	64	65
3	56	76	72	63	44	54	44	33	48	55
4	51	76	72	66	48	56	41	33	48	60
5	40	68	55	61	41	49	42	39	58	41
6	36	74	38	53	31	38	36	32	63	38
7	35	70	39	48	24	40	37	31	54	39
8	36	64	32	41	26	45	39	35	61	42
9	34	60	42	31	49	43	34	33	48	31
10	36	58	53	38	54	42	34	29	63	38
11	40	55	45	37	51	38	39	30	54	37
12	38	61	40	36	30	39	39	28	51	38
13	35	59	42	32	26	36	35	23	60	36
14	36	52	29	25	32	46	34	29	43	35
15	34	62	31	36	58	42	28	31	38	34
16	37	52	38	36	37	53	40	32	59	38
17	37	56	34	29	35	51	40	36	60	43
18	36	54	29	21	54	42	36	31	63	38
19	75	62	61	51	66	85	69	63	74	78
20	67	60	61	52	62	87	74	72	80	72
21	74	74	56	59	56	71	54	56	67	63
22	66	81	58	62	53	65	52	53	55	65
23	58	66	68	56	44	70	57	54	59	59
24	46	69	51	52	41	64	55	43	60	45
25	44	69	72	66	41	64	49	44	53	49
26	67	85	86	68	47	86	71	66	64	51
27	62	85	82	71	39	75	65	77	84	45
28	63	83	74	80	37	73	59	46	63	55
29	49	77	69	67	32	61	42	33	57	47
30	36	66	52	56	19	53	39	36	59	47
MEANS	48	68	54	51	42	57	46	42	59	48
NORMAL	46	67	54	53	43	48	47	46	58	45

1 9 6 2

STATION	HIGHEST	TIME GMT.	DATE	LOWEST	TIME GMT.	DATE
BAGHDAD	98	2100	1st.	15	1200	7th.
MOSUL	98	0300	2,3&25	22	1200	14
SINJAR	98	0300	29	23	1200	18
KIRKUK	96	0300	27	13	1200	14&18
RUTBAH	95	2100	18	4	1200	30
HAI	98	1200	26	22	1200	13
DIWANIYA	92	0300	27	13	1200	9
NASIRIYA	95	0300	27	8	1200	13
BASRAH	96	1200	20	15	1200	15
HABBANIYA	95	0300	20	11	1200	13

TABLE 4-a جدول ٤-أ

درجات الحرارة العظمى والصغرى اليومية (سنتغراد)

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

التاريخ	بغداد		موصل		سنجار		كركوك		خانقين		رطبة	
	BAGHDAD		MOSUL		SINJAR		KIRKUK		KHANAQIN		RUTBAH	
	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DATE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	26.6	16.8	23.7	11.0	18.6	11.8	34.4	16.3	28.9	15.0	27.0	10.5
2	28.2	12.0	20.8	8.6	17.1	11.2	25.3	12.1	27.2	13.3	25.2	10.0
3	29.6	15.1	24.2	8.3	19.8	10.3	26.4	12.3	27.2	14.4	25.8	10.1
4	26.3	13.0	22.7	9.8	18.0	10.1	24.0	12.6	26.7	14.4	22.3	10.2
5	25.7	14.0	21.8	9.2	18.3	10.8	25.1	9.9	24.4	11.7	21.8	8.5
6	27.4	8.7	23.8	5.1	22.1	11.2	23.6	9.3	25.6	8.3	26.8	7.0
7	32.5	13.1	28.2	7.7	27.2	13.2	28.0	12.3	30.6	12.8	30.8	13.2
8	34.5	13.8	32.4	9.2	29.8	15.2	33.4	14.9	33.9	13.3	33.4	12.7
9	36.4	16.1	32.7	13.1	24.5	18.8	36.7	16.8	35.6	16.1	23.5	11.5
10	27.2	15.3	23.8	10.0	19.2	9.3	22.8	12.6	25.0	15.0	22.5	7.6
11	27.2	9.8	24.2	6.2	20.1	12.3	23.9	10.5	25.6	8.3	22.7	8.3
12	27.1	11.2	25.0	6.1	20.8	14.2	24.8	10.2	25.6	9.0	26.4	7.0
13	30.6	9.4	29.1	7.4	24.9	16.2	28.7	11.9	28.9	10.0	28.0	8.5
14	31.2	13.5	29.4	8.2	24.8	14.3	31.4	14.5	32.2	12.2	31.5	13.6
15	33.6	20.1	29.0	13.3	27.1	20.2	27.6	17.4	32.8	17.8	25.6	13.7
16	29.6	17.8	28.3	13.2	23.8	13.0	27.8	12.8	28.3	18.9	23.0	8.7
17	29.6	12.0	27.4	8.0	23.2	14.3	27.6	12.9	28.5	11.1	23.6	8.6
18	30.3	12.6	29.0	7.1	24.8	16.3	31.0	16.9	30.0	11.7	20.4	10.2
19	21.8	15.4	25.9	13.2	21.2	16.4	23.4	17.6	22.8	12.2	19.8	9.0
20	25.9	12.7	26.5	9.0	20.1	11.8	27.0	11.4	23.3	14.4	21.2	7.7
21	26.2	14.8	25.8	12.3	20.1	12.6	26.7	12.5	24.4	12.8	23.5	8.5
22	28.6	15.0	24.6	11.8	21.3	12.6	26.6	13.1	25.0	13.3	22.6	12.5
23	27.0	12.3	25.0	12.2	20.1	12.1	27.4	11.3	27.2	11.7	25.7	8.7
24	29.6	14.7	27.8	11.3	23.1	13.8	27.7	12.9	27.8	12.2	29.5	10.5
25	31.7	18.4	23.9	12.6	20.6	14.5	22.1	14.4	29.8	16.1	29.0	11.5
26	26.2	19.5	22.0	13.0	17.6	12.5	22.2	13.8	25.6	14.8	22.8	11.0
27	28.8	13.1	20.6	10.1	16.5	10.7	25.8	12.7	27.8	15.6	26.0	10.7
28	27.6	19.3	18.8	11.0	16.8	12.8	21.2	12.0	26.1	16.1	24.0	10.5
29	26.7	13.5	21.8	7.2	17.8	7.2	22.4	11.5	26.7	12.8	23.6	9.0
30	31.0	15.8	25.8	8.2	22.2	10.2	24.0	10.6	26.7	10.0	29.6	9.0
MEANS	28.8	14.3	25.5	9.8	21.4	13.0	26.3	13.0	27.6	13.2	25.3	10.4
NORMAL	28.8	14.3	25.3	9.6	21.4	13.0	25.4	12.3	27.3	13.4	25.8	10.2

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
BAGHDAD	41.7	28th	1958	1.2	1st	1956
MOSUL	40.0	?	1928	-1.6	1st	1956
SINJAR	29.8	8th	1962	7.2	29th	1962
KIRKUK	39.6	28th	1958	1.1	18th	1947
KHANAQIN	39.0	27th	1958	0.5	1st	1956
RUTBAH	39.0	23rd	1959	-2.0	1st	1956

TABLE 4- b . درجات الحرارة العظمى والصغرى اليومية (سنتغراد)

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

التاريخ	حي		ديوانية		ناصرية		بصرة		حبانية	
	HAI		DIWANIYA		NASIRIYA		BASRAH		HABBANIYA	
	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DATE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	28.0	17.4	26.6	20.0	27.5	20.8	31.5	21.4	27.3	15.6
2	30.0	15.3	31.0	14.6	32.1	17.1	34.7	18.2	28.9	11.9
3	31.3	15.3	32.0	14.4	34.1	14.6	35.1	16.5	29.9	14.5
4	29.0	13.0	28.5	11.5	30.4	14.0	36.0	17.3	26.2	12.8
5	26.5	13.0	26.0	13.0	29.6	12.4	28.5	14.6	25.0	13.2
6	26.3	11.8	27.0	11.0	28.4	11.0	27.2	15.4	27.2	9.7
7	31.3	15.2	32.1	14.2	34.2	13.7	30.9	15.2	32.0	12.8
8	35.0	15.5	36.0	14.7	36.8	17.0	32.9	16.2	35.6	13.1
9	37.1	16.0	37.8	15.5	36.0	18.4	38.2	18.3	36.7	16.6
10	26.0	18.0	25.8	16.2	26.9	18.6	28.6	19.0	25.0	13.4
11	26.4	13.3	27.8	12.2	28.0	13.3	27.0	16.8	26.4	10.3
12	27.6	13.2	28.4	12.1	30.2	13.6	27.8	16.7	27.0	10.8
13	29.7	10.2	31.2	11.1	31.5	12.5	29.0	13.3	30.4	11.0
14	31.6	15.0	31.8	16.5	31.6	16.0	30.4	15.7	32.8	16.1
15	33.4	16.3	34.0	18.9	33.0	18.8	36.0	15.8	33.4	18.9
16	30.2	15.7	30.4	19.0	33.0	19.9	32.7	20.7	29.2	15.6
17	30.8	12.7	31.5	11.8	32.2	16.1	29.9	19.5	30.6	11.4
18	31.3	15.0	32.3	12.2	32.2	15.1	32.8	16.4	30.9	11.1
19	22.8	16.0	25.0	15.8	29.3	18.4	33.1	19.5	21.1	14.5
20	19.3	15.8	22.8	15.6	21.6	16.6	28.7	20.2	26.2	13.0
21	25.8	14.0	27.2	15.1	27.1	14.5	25.4	16.7	26.6	15.5
22	28.4	13.8	29.3	14.2	32.1	16.4	29.4	15.4	27.5	13.5
23	27.4	16.3	28.8	16.5	30.2	17.0	29.7	18.5	28.0	12.2
24	29.0	15.0	31.1	16.2	32.6	17.0	30.3	19.6	30.5	14.1
25	31.0	16.0	33.4	16.7	34.4	17.8	35.0	17.9	31.4	17.2
26	23.2	20.0	22.5	20.7	29.6	21.2	32.1	21.6	28.4	19.6
27	27.0	13.0	28.8	13.6	27.5	15.0	25.0	16.0	30.6	15.5
28	31.4	16.3	30.8	16.5	35.4	18.5	34.6	18.9	31.2	18.6
29	29.8	14.5	28.6	13.6	32.1	15.1	21.7	17.3	26.4	13.4
30	28.3	14.0	30.0	15.6	30.2	16.0	28.4	17.7	29.7	13.1
MEANS	28.8	14.8	29.7	14.9	31.0	16.2	31.1	17.5	29.1	14.0
NORMAL	29.8	14.3	30.1	14.0	30.8	16.4	30.2	17.7	29.7	14.8

STATION	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
HAI	40.3	23rd	1959	1.9	1st.	1956
DIWANIYA	42.0	10th	1958	1.6	2nd.	1946
NASIRIYA	42.8	28th	1942	3.6	2nd	1956
BASRAH	43.8	25th	1954	2.8	4th	1944
HABBANIYA	41.1	30th	1944	2.2	1&2nd	1956

APRIL 1962 .

TABLE - 5 .

المعدل الشهري لدرجات الحرارة للبصلة الجافة (سنتغراد)

MONTHLY MEAN DRY-BULB TEMPERATURES (C°)

TIME - G.M.T.

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	17.1	15.3	21.3	26.2	28.1	26.2	20.8	18.6	21.7
MOSUL	11.4	10.8	16.7	23.1	24.1	20.9	15.6	13.2	17.0
KIRKUK	15.0	14.3	20.1	23.7	24.6	21.9	18.3	16.6	19.3
SINJAR	....	13.6	16.7	19.4	19.8	18.8	16.6	....	17.5
KHANAQIN	....	14.5	22.1	24.9	26.1	24.6	20.2	....	18.7
RUTBAH	12.5	10.7	16.5	21.7	26.4	23.1	18.5	14.9	18.0
HAI	....	16.1	22.2	27.3	28.2	25.3	21.0	....	23.4
DIWANIYA	17.2	16.9	22.3	27.5	29.1	27.6	21.5	19.2	22.7
NASIRIYA	18.1	16.8	23.7	28.6	29.8	27.4	22.7	20.0	23.4
BASRAH	19.5	18.2	24.4	29.0	29.4	26.2	22.8	21.0	23.8
HABBANIYA	15.9	14.4	21.1	26.6	28.0	25.7	20.1	18.1	21.2

TABLE - 6 .

المعدل الشهري لدرجات الحرارة للبصلة الرطبة (سنتغراد)

MONTHLY MEAN WET-BULB TEMPERATURES (C°)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	12.8	12.0	15.2	16.8	17.2	16.6	14.8	13.6	14.9
MOSUL	10.1	9.6	13.6	15.8	15.7	14.4	12.7	11.4	12.9
SINJAR	....	10.0	12.1	13.2	13.4	12.6	11.5	....	12.1
KIRKUK	11.4	11.0	13.9	15.0	15.0	14.1	12.8	12.1	13.2
KHANAQIN	....	10.5	14.4	15.4	15.7	14.6	13.2	....	14.0
RUTBAH	8.4	7.9	10.7	13.0	13.8	12.6	11.3	9.7	10.9
HAI	....	13.3	16.8	19.2	19.1	18.6	15.9	....	17.2
DIWANIYA	12.8	12.4	15.9	17.6	17.8	16.9	14.9	13.8	15.3
NASIRIYA	13.2	12.6	15.8	17.2	17.5	16.8	15.4	14.2	15.3
BASRAH	16.6	15.1	18.3	19.9	20.2	19.6	18.5	17.4	18.2
HABBANIYA	12.1	11.4	15.0	16.7	16.6	16.2	14.2	13.2	14.4

TABLE - 7 .

المعدل الشهري للضغط الجوي على سطح البحر (ملليبارات)

MONTHLY MEAN PRESSURE (mbs.) AT M.S.L.

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	10.0	10.6	11.5	11.1	09.5	09.1	10.3	10.3	1010.3
MOSUL	12.0	12.4	12.7	11.8	10.1	10.2	11.9	12.2	1011.7
SINJAR	....	11.6	12.0	11.4	10.2	10.7	11.6	....	1011.3
KIRKUK	11.5	12.0	12.2	11.3	09.6	09.8	11.4	11.7	1011.2
KHANAQIN	....	12.0	11.0	10.1	08.7	08.6	10.2	....	1010.1
RUTBAH	10.6	11.3	12.0	11.2	10.1	09.7	10.4	10.7	1010.8
HAI	....	09.0	10.3	09.9	08.5	08.0	09.3	....	1009.2
DIWANIYA	09.5	10.2	11.3	10.8	09.0	08.6	09.9	10.5	1009.9
NASIRIYA	09.1	09.6	10.6	10.0	08.5	08.3	09.7	09.8	1009.5
BASRAH	09.6	10.0	11.1	10.6	09.0	09.1	10.2	10.2	1010.0
HABBANIYA	10.0	10.6	11.6	10.9	09.3	08.8	10.1	10.3	1010.2

TABLE - 8 .

المعدل الشهري للرطوبة النسبية (٪)

MONTHLY MEAN RELATIVE HUMIDITY (%)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	59	67	52	36	30	36	50	55	48
MOSUL	87	87	71	48	43	52	73	82	68
SINJAR	..	65	58	48	51	50	56	..	55
KIRKUK	65	67	50	37	34	42	52	58	51
KHANAQIN	..	58	38	34	30	30	43	..	39
RUTBAH	59	66	48	32	25	25	37	49	43
HAI	..	67	60	48	44	50	63	..	55
DIWANIYA	58	65	49	36	29	33	48	53	46
NASIRIYA	55	58	42	28	26	30	43	51	42
BASRAH	73	71	54	41	42	53	66	69	59
HABBANIYA	63	68	51	34	28	34	50	56	48

TABLE - 9 .

المعدل الشهري لضغط البخار (ملليبارات)

MONTHLY MEAN VAPOUR PRESSURE (mbs.)

TIME - G.M.T.

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	11.4	11.6	12.8	11.7	11.1	11.4	12.2	11.7	11.7
MOSUL	11.7	11.2	13.6	13.3	12.3	12.2	12.8	12.4	12.4
SINJAR	....	9.6	10.4	10.4	10.3	9.9	9.8	....	10.1
KIRKUK	10.8	10.5	11.0	10.1	9.6	10.0	10.5	10.6	10.4
KHANAQIN	....	9.8	10.1	9.9	9.6	8.8	9.7	....	9.7
RUTBAH	8.4	8.5	8.7	8.1	7.0	6.8	7.8	7.7	7.9
HAI	....	13.6	15.7	17.0	16.2	15.9	14.9	....	15.6
DIWANIYA	11.4	11.8	13.1	12.5	11.6	11.4	11.9	11.6	11.9
NASIRIYA	11.5	11.5	11.9	10.5	10.2	10.8	11.7	11.7	11.2
BASRAH	16.6	14.9	16.3	16.2	16.4	17.7	17.9	17.0	16.6
HABBANIYA	11.3	11.3	12.4	11.2	9.9	10.9	11.6	11.4	11.2

TABLE -10 .

المعدل الشهري لدرجة الندى (سنتغراد)

MONTHLY MEAN DEW POINT (C°)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	8.4	8.7	10.2	9.0	8.0	8.3	9.4	8.7	8.6
MOSUL	8.7	8.4	11.3	11.0	9.6	9.5	10.3	9.9	9.8
SINJAR	...	6.1	7.2	6.9	6.9	6.6	5.6	...	6.6
KIRKUK	7.6	7.3	7.9	6.5	5.7	6.1	7.1	7.3	6.9
KHANAQIN	...	5.9	6.6	6.3	5.5	4.4	5.9	...	5.8
RUTBAH	4.0	4.1	4.2	3.2	1.2	1.0	2.8	1.4	2.7
HAI	...	11.1	13.4	14.3	13.7	13.5	12.7	....	13.1
DIWANIYA	8.4	8.9	10.5	8.5	8.7	8.6	8.9	9.5	9.0
NASIRIYE	8.3	8.3	8.8	6.0	6.4	7.3	8.8	8.6	7.8
BASRAH	14.4	12.7	14.1	13.8	14.0	15.3	15.6	14.8	14.3
HABBANIYA	8.3	8.2	9.7	7.9	6.0	7.8	8.9	8.4	8.2

TABLE - 12 .

المعدل الشهري لكمية الغيوم الواطئة (الاثمان)

MONTHLY MEAN LOW CLOUD AMOUNT (OKTAS)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	0.3	0.6	0.6	1.1	1.9	1.2	0.6	0.3	0.8
MOSUL	3.8	3.4	3.2	3.6	4.5	3.8	3.4	3.9	3.7
SINJAR	...	1.6	1.8	2.5	3.0	2.9	1.4	...	2.2
KIRKUK	2.2	2.1	1.8	2.2	3.0	2.8	2.1	1.8	2.3
KHANAQIN	...	2.2	1.3	2.5	2.3	2.1	1.8	...	2.0
RUTBAH	1.0	0.9	0.7	2.0	2.9	2.7	2.0	1.4	1.7
HAI	...	0.3	0.7	1.1	1.1	0.9	0.6	...	0.8
DIWANIYA	0.9	0.7	0.9	1.2	1.6	0.5	0.4	0.6	0.9
NASIRIYA	0.4	1.0	1.3	1.1	1.8	1.2	0.7	0.5	1.0
BASRAH	0.3	0.4	0.5	0.7	1.0	0.8	0.3	0.5	0.6
HABBANIYA	0.3	0.8	0.5	1.1	1.8	1.2	0.6	0.8	0.9

TABLE 12

المعدل الشهري لمجموع كمية الغيوم (الاثمان)

MONTHLY MEAN TOTAL CLOUD AMOUNT (OKTAS)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	2.5	3.5	3.1	3.4	4.0	4.1	2.2	2.4	3.1
MOSUL	4.8	4.4	4.8	5.4	5.7	5.5	4.6	4.9	5.0
SINJAR	...	4.0	4.1	4.8	5.2	5.4	3.4	...	4.5
KIRKUK	3.2	3.4	3.0	3.7	4.7	4.3	2.9	2.7	3.5
KHANAQIN	...	4.0	3.9	4.4	4.5	4.3	3.0	...	4.0
RUTBAH	2.3	2.8	2.5	3.5	4.3	3.8	3.2	2.6	3.1
HAI	...	3.3	3.3	3.4	3.8	3.4	2.9	...	3.4
DIWANIYA	2.1	3.0	3.0	3.3	3.6	2.5	1.7	1.9	2.6
NASIRIYA	1.9	3.0	3.0	3.2	3.4	3.4	2.2	1.6	2.7
BASRAH	1.8	2.5	2.5	2.8	2.9	3.3	1.6	2.2	2.5
HABBANIYA	2.8	3.2	2.7	2.9	3.7	3.7	2.6	2.9	3.1

TABLE 13- a

عدد تكرار رصدات الرياح السطحية

SURFACE - WIND, NUMBER OF OBSERVATIONS OF :

المحطة STATION	وقت گرينتش TIME GMT.	DORECTION الاتجاه N	NE	E	SE	S	SW	W	NW	SPEED IN KNOTS السرعة بالعقد CA-LM	1-10	11-21	22-33	≥34	معدل السرعة بالعقد MEAN V.K.
بغداد BAGHDAD	0000	3	2	4	3	2	0	1	8	7	21	2	0	0	6
	0300	1	4	4	3	0	1	4	7	6	21	2	1	0	6
	0600	4	2	3	4	0	2	2	11	2	22	6	0	0	8
	0900	6	1	1	7	1	1	3	10	0	20	10	0	0	10
	1200	3	3	0	4	3	3	5	8	1	19	10	0	0	10
	1500	2	4	1	3	4	1	3	10	2	20	8	0	0	8
	1800	4	4	2	1	1	2	2	11	3	25	1	1	0	6
	2100	2	0	7	2	2	0	2	8	7	21	2	0	0	5
	TOTAL	25	20	22	27	13	10	22	73	28	169	41	2	0	7
موصل MOSUL	0000	6	2	1	1	3	0	6	1	10	14	5	1	0	5
	0300	5	0	3	2	0	0	7	7	6	18	6	0	0	6
	0600	4	3	6	1	0	2	3	9	2	19	9	0	0	8
	0900	4	2	9	5	2	1	5	1	1	13	15	1	0	11
	1200	3	4	6	1	5	1	8	2	0	13	16	1	0	12
	1500	5	2	5	2	2	1	10	2	1	15	11	3	0	11
	1800	10	1	4	0	1	0	7	5	2	17	9	2	0	9
	2100	7	0	1	1	0	1	7	8	5	20	4	0	1	7
	TOTAL	44	14	35	13	13	6	53	35	27	129	75	8	1	9
سنجار SINJAR	0300	14	7	1	0	2	0	3	2	1	26	1	1	1	9
	0600	2	0	9	0	1	0	4	1	13	11	5	0	1	7
	0900	4	2	8	1	4	1	5	1	4	17	6	3	0	10
	1200	5	1	6	2	2	0	9	0	5	18	5	2	0	10
	1500	6	1	2	0	3	2	8	3	5	18	6	1	0	9
	1800	6	4	3	1	3	0	7	4	2	19	6	2	1	11
	TOTAL	37	15	29	4	15	3	36	11	30	109	29	9	3	9
كركوك KIRKUK	0000	2	9	1	1	0	0	0	0	17	10	3	0	0	4
	0300	0	4	3	2	0	0	1	1	19	9	1	1	0	3
	0600	2	1	5	4	1	1	2	0	14	15	1	0	0	3
	0900	1	3	3	4	3	4	4	0	8	18	4	0	0	5
	1200	4	3	3	3	3	2	6	2	4	24	2	0	0	6
	1500	4	7	1	1	2	1	6	2	6	21	3	0	0	5
	1800	0	7	2	2	0	0	3	1	15	13	2	0	0	3
	2100	0	11	1	1	1	0	1	0	15	12	3	0	0	4
	TOTAL	13	45	19	18	10	8	23	6	98	122	19	1	0	4
خانقين KHANAQIN	0300	0	0	15	0	4	0	2	0	9	21	0	0	0	3
	0600	0	1	5	3	5	1	3	2	10	17	3	0	0	5
	0900	7	0	2	2	4	0	7	5	3	24	1	2	0	7
	1200	5	0	2	1	5	0	12	4	1	27	1	1	0	6
	1500	0	0	1	0	9	0	16	3	1	28	1	0	0	5
	1800	1	0	3	1	2	0	7	0	16	14	0	0	0	2
	TOTAL	13	1	28	7	29	1	47	14	40	131	6	3	0	5
رطبة RUTBAH	0000	2	1	2	2	1	1	2	5	5	16	8	1	0	8
	0300	1	2	1	1	3	1	11	3	7	19	4	0	0	6
	0600	1	0	2	4	1	3	9	6	4	15	10	1	0	8
	0900	1	0	2	4	5	2	8	7	1	18	11	0	0	10
	1200	0	0	1	4	4	4	10	7	0	16	13	1	0	11
	1500	2	2	1	4	1	3	12	4	1	20	7	2	0	10
	1800	3	1	1	2	1	1	7	7	7	15	8	0	0	7
	2100	1	0	2	1	1	2	7	4	12	11	6	1	0	7
	TOTAL	11	6	12	22	17	17	66	43	37	130	67	6	0	8

APRIL 1962 .

TABLE 13-b .

نيسان ١٩٦٢

عدد تكرار رصدات الرياح السطحية :

SURFACE - WIND , NUMBER OF OBSERVATIONS OF:

المحطة STATIONS	وقت گرينتش TIME GMT.	DIRECTION الاتجاه N	NE	E	SE	S	SW	W	NW	SPEED IN KNOTS السرعة بالعقد CALM	1-10	11-21	22-33	>34	معدل السرعة بالعقد MEAN V.K
حي	0300	1	1	3	4	0	0	8	3	10	13	7	0	0	6
	0600	1	4	3	2	2	0	5	6	7	10	12	1	0	9
	0900	3	2	1	4	2	0	3	9	6	9	12	3	0	11
	1200	2	1	3	2	3	1	6	5	5	8	12	4	0	11
	1500	3	0	4	4	1	0	7	6	5	19	6	0	0	6
	1800	4	0	3	2	1	0	4	7	3	14	7	0	0	6
	TOTAL	16	8	17	18	10	1	33	36	42	74	56	8	0	9
ديوانية	0000	4	2	4	2	4	1	4	5	8	22	4	0	0	6
	0300	7	1	4	4	1	0	7	2	4	24	2	0	0	5
	0600	5	1	2	3	1	2	8	5	4	24	5	1	0	7
	0900	4	2	2	3	0	2	8	8	4	18	14	0	0	9
DIWANIYA	1200	5	3	1	4	1	3	8	5	0	20	10	0	0	9
	1500	4	1	3	1	3	1	6	9	2	23	5	0	0	6
	1800	7	1	5	2	2	0	5	4	4	23	5	0	0	5
	2100	5	1	8	2	1	1	7	4	1	23	5	1	0	7
	TOTAL	41	12	29	21	13	10	53	42	19	174	45	2	0	7
ناصرية	0000	1	3	2	4	2	0	5	8	5	23	1	1	0	5
	0300	0	1	5	4	0	2	3	9	6	22	2	0	0	5
	0600	1	2	1	5	1	2	5	11	8	22	5	1	0	8
	0900	7	1	4	3	4	0	2	9	0	15	13	2	0	10
NASIRIYA	1200	6	0	3	5	1	0	7	8	0	18	12	0	0	11
	1500	7	0	8	3	0	0	6	6	0	22	8	0	0	9
	1800	2	4	2	6	0	1	4	8	3	26	1	0	0	6
	2100	4	1	2	6	2	0	6	6	3	26	1	0	0	5
	TOTAL	28	12	27	36	10	5	38	65	19	174	43	4	0	7
بصرة	0000	4	5	1	3	1	1	3	3	9	19	2	0	0	3
	0300	1	4	3	1	3	1	3	5	9	19	2	0	0	3
	0600	5	3	4	1	4	1	3	7	2	25	2	1	0	5
	0900	6	1	4	2	3	1	3	7	5	18	7	1	1	8
BASRAH	1200	4	1	2	3	4	0	2	12	2	18	7	3	0	10
	1500	4	4	0	4	3	0	2	10	4	23	4	0	0	5
	1800	1	1	4	2	5	0	2	9	6	24	3	0	0	5
	2100	2	3	3	0	6	0	2	7	7	21	2	0	0	3
	TOTAL	27	22	21	16	29	4	20	60	41	164	29	5	1	5
حبانية	0000	1	1	3	2	1	0	6	1	15	10	3	0	0	4
	0300	0	1	4	0	0	1	11	0	13	14	3	1	0	4
	0600	2	2	1	4	1	6	10	3	3	19	7	1	0	7
	0900	1	3	0	1	3	4	8	5	5	16	8	1	0	8
HABBANIYA	1200	0	1	0	1	9	1	11	4	3	19	8	0	0	9
	1500	4	1	0	3	4	1	10	1	6	17	7	0	0	6
	1800	1	4	3	1	1	1	7	1	11	16	2	1	0	5
	2100	1	0	6	1	2	0	5	5	10	16	4	0	0	5
	TOTAL	10	13	17	13	21	14	68	20	66	127	43	4	0	6

الهطول اليومي (مليمترات)

DAILY PRECIPITATION (MILLIMETERS) , tr. < 0.05 mm.

التاريخ	بغداد	موصل	سنجار	كركوك	خانقين	رطبة	حي	ديوانية	ناصرية	بصرة	حبانية
DATE	BAGH-DAD	MOSUL	SINJAR	KIRKUK	KHA-NAQIN	RUTBAH	HAI	DIWA-NIYA	NASI-RIYA	BASRAH	HABB-ANIYA
1	5.4	2.6	4.6	tr.	3.0	tr.	0.6	0.5	tr.	0.1	0.4
2		1.7	2.6	1.7	1.8						
3		3.1	9.1	1.0	0.4						
4		3.4	1.5	1.4		tr.					
5											
6											
7											
8											
9		0.4		tr.							
10											
11											
12											
13											
14		tr.	tr.	tr.		tr.	tr.		tr.		tr.
15	tr.	0.4		tr.		tr.		tr.	tr.		tr.
16							tr.	1.2	tr.	tr.	
17										tr.	
18	2.5					3.6	9.2	8.6	4.7		0.3
19	10.7	3.2	4.4	1.0	14.7	tr.	19.8	tr.	6.0		6.0
20	2.5	0.1		1.3		tr.	4.0	tr.	1.9	6.3	tr.
21		2.7	3.8	4.3		tr.				10.2	
22	6.9	3.2	tr.	2.2	9.0	tr.	1.1	1.4	0.7		tr.
23			0.8	2.8	0.7			14.8		tr.	
24	2.1	0.2	tr.	1.2		tr.	tr.	tr.			2.0
25	tr.	2.9	15.6	3.0		tr.	tr.	tr.	tr.	1.1	tr.
26	14.0	1.5	13.0	1.5	2.4	tr.	8.4	5.3	26.8	13.3	
27	0.5	4.7	0.5	28.8		tr.					tr.
28		7.2	11.1	1.3	0.1						0.6
29			1.6								
30											
TOTAL	44.6	37.3	68.6	51.5	32.1	3.6	43.1	31.8	40.1	31.0	9.3
NORMAL	15.5	51.6	56.5	48.8	35.4	20.1	9.6	17.5	15.7	23.3	13.0
MAX. FALL IN 24 HOURS	25.0	74.8	43.0	40.9	52.0	43.7	25.0	48.0	26.8	87.5	30.0
DATE	16th	11th	6th	6th	9th	10th	22nd	16th	26th	9th	7th
YEAR	1956	1931	1939	1939	1953	1946	1946	1956	1962	1941	1955

[illegible] 1962 .

[illegible] 14-b .

[illegible] (مليمترات)

DAILY PRECIPITATION (MILLIMETERS) , tr. < 0.05 mm

التاريخ	راوندوز	تل سوينات	كيارة	تلعفر	حويجة	منجوين	بكرجو	حلبجة	اشتخار	فاو
DATE	RAWA-NDUZ	TELA-WAINAT	QAYARA	TELAA-FAR	HAWEJA	PENJWIN	BAKRAJO	HALA-BJAH	IFTI-KHAR	FAO
1	6.0			1.3			15.0	10.0	38.1	
2	12.1			2.3		10.0	16.0	3.0		
3	22.0			2.7		20.0	3.0	6.0		
4	27.0	11.4			1.8	18.5	6.5	11.0		
5	7.0									
6										
7										
8						10.0				
9										
10										
11										
12										
13						15.0				
14						10.0		6.0		
15							10.0	3.0		
16	5.0					16.5				
17										
18						7.5				
19			5.0	2.8		12.5	2.0	5.0	3.8	
20										2.8
21	10.0	1.3			2.6	22.0	29.0	2.5	23.1	
22			6.0	5.5		13.0	3.0	3.0	13.5	
23		16.5		2.0		17.0	3.0			
24	12.0			4.7	1.8	8.0	3.0	3.0		
25	14.2			5.5	4.5		7.0	12.5	1.8	6.3
26	10.0		4.0	11.5	4.6	12.0	35.0	25.0	17.5	
27	35.3	14.8	26.5	1.7	33.5	15.0	8.0	6.5	2.5	
28	20.0	16.5	22.0	5.5	1.5	14.0	5.0	1.5		
29	5.0	3.8						3.0		
30						6.0				
TOTAL	118.6	64.3	63.5	45.5	50.3	227.0	145.5	100.5	100.3	9.1

APRIL 1962 .

TABLE 14-e .

(12)

نيسان ١٩٦٢

الهطول اليومي (مليمترات)

DAILY PRECIPITATION (MILLIMETERS) , tr. < 0.05 mm

التاريخ	جوارتا	صلاح الدين	دهوك	طوز	عنة	سامرا	بعقوبة	عزيزية	مسقل
DATE	CHUA-RTAH	SALAH ADDIN	DUHOK	TUZ	ANAH	SAMI-RRAA	BAKOBA	AZIZIYZ	MAQIL
1	20.0	20.0						2.3	
2		29.5	2.4	6.4					
3		20.0	31.2						
4	14.5	60.0	1.4						
5									
6									
7									
8									
9			2.1						
10									
11									
12									
13									
14	4.1								
15	12.1		1.1						
16									
17									
18									
19					3.0	6.5	14.4	19.0	
20	6.2			11.4					
21	22.7		27.6			tr.			11.2
22	7.5		2.0			3.0	7.8	8.0	
23				15.7	0.5	tr.		2.0	
24					1.0	tr.	1.0		
25	6.7	tr.	1.6		1.0				
26	60.0	14.0	6.0		2.0	tr.	5.2	3.0	
27	16.4	37.0	2.0	21.1	3.0	tr.			15.0
28	7.5	50.0	13.1			tr.			
29						tr.			
30									
TOTAL	177.7	230.5	90.5	54.6	10.5	9.5	28.4	34.3	26.2

APRIL 1962 .

TABLE 14-d .

(13)

نيسان ١٩٦٢

الهطول اليومي (ملليمترات)

DAILY PRECIPITATION (MILLIMETERS) . tr. < 0.05 mm

التاريخ	بدرة	هيت	مندلي	كربلاء	كوت	علي الغربي	نجف	سماوة	بدعة	اور
DATE	BADRA	HIT	MANDILY	KARBALA	KUT	ALIAL GHARBI	NAJAF	SAMWA	BADAA	UR
1			1.0		1.2					
2	2.0						4.5			
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13							tr.			
14										
15		0.2								
16										
17										
18		9.4					9.3			
19				20.3	10.0	16.5		11.0		
20	10.0		5.3		4.2	10.0			14.0	
21							tr.	1.5		
22			1.5		1.2	1.5	tr.	5.0		
23	3.0				3.2	10.1				
24		3.2				1.6	tr.			
25			1.0			8.0				
26	3.0				11.0	19.5		15.0	20.0	30.5
27		0.8								
28										
29										
30										
TOTAL	18.0	13.6	8.8	20.3	30.6	67.2	13.8	32.5	34.0	30.5

APRIL 1962 .

TABLE 14- ٢ .

(14)

[illegible]

[illegible] (ملليمترات)

DAILY PRECIPITATION (MILLIMETERS) , tr. <0.05 mm

التاريخ	بيجي	طقطق	افراز	كفري	[illegible]	[illegible]	[illegible]	طوسان	[illegible]
DATE	BAIJI	TAQTAQ	IFRAZ	KOFRI	KOISI-NJANQ	QADIR KARAM	ZIBAR	TUSAN	DIANA
1	7.0	3.0		4.0		38.0	18.4		2.5
2		tr.	2.4	2.0	10.0		11.0	1.0	6.0
3		4.0	1.3	2.0	3.0		17.2	8.5	11.2
4		7.0	4.7		12.0		19.3	tr.	38.2
5			14.5		18.0		36.3		
6									
7									
8									
9								2.0	
10									
11									
12									
13									
14		tr.							
15		tr.				5.0			
16					tr.				7.3
17									
18						4.0			
19		tr.		11.0		4.0		0.5	
20		5.0			1.0	6.4	15.4	1.0	
21		6.0	1.7		5.0	6.4	6.2	18.0	6.4
22		16.0	45.3	11.0	6.0	16.2		2.0	
23	5.5	4.0	3.0		2.0				
24		tr.		1.0					
25	2.0	7.0	1.3	4.0		4.4		2.0	9.5
26	1.5	27.0		11.0	9.0	7.5		0.5	16.7
27		37.0	5.3	5.0	27.0			11.5	38.5
28	12.5	3.0	13.0		30.0		32.3	13.0	16.7
29			9.8		5.0		24.4		6.8
30									
TOTAL	28.5	119.0	120.3	51.0	128.0	91.9	180.5	60.5	159.8

APRIL 1962 — 1 95 — نيسان ١٩٦٢

TABLE 14-2

[illegible]

DAILY PRECIPITATION (MILLIMETERS), tr. < 0.05 mm

التاريخ	قشطة	ميركة سور	المعظم	شقلاوة	[illegible]	قرة داغ	باونور	دوكان
DATE	FATRA	MERGA-SOOR	AL EITHAIM	SHAQLAWA	K2	QARA-DAGH	BOUNOOR	DOKAN
1	2.5	2.3	1.3	13.0		35.5	5.0	9.0
2		7.5	tr.	1.8		5.0	2.0	9.5
3		80.9		14.4		5.0	0.5	6.0
4		12.4		32.3		4.7	3.5	14.0
5		0.8						
6								
7								
8								
9		3.4						
10								
11								
12								
13								
14								
15			2.7	0.2		4.0	3.0	3.0
16		2.1						
17								
18							1.0	
19	2.3		13.5	2.0	3.0	4.0	10.0	2.5
20	1.3	5.6	0.4	6.0		4.1		6.5
21	1.2	3.9	3.2			12.2	0.5	20.0
22	1.0	2.4	11.9	3.5	2.0	6.8	4.0	
23		0.9		4.0				3.0
24	3.5			18.0		0.3	1.5	tr.
25	1.5	12.3	2.0	25.5	6.5	[illegible]	4.0	5.0
26	1.3	15.3	2.5	26.8	2.0	30.8	9.0	26.0
27	21.3	38.9	5.3	5.8	4.0	9.4	1.0	44.0
28	tr.	28.6	7.0			2.5		7.0
29		3.9						
30								
TOTAL	35.9	221.2	49.7	153.3	17.5	133.3	45.0	155.5

TABLE - 15 .

CLIMATOLOGICAL SUMMARY : [illegible]

No. OF DAYS OF PHENOMENAS : [illegible]

STATIONS	RAIN	SNOW	HAIL	THUNDER STORM	FOG	DUST	STATE OF SKY CLEAR	STATE OF SKY CLOUDY	GROUND FROST
BAGHDAD	8	0	2	6	0	0	8	1	0
MOSUL	14	0	1	5	0	0	3	11	0
SINJAR	12	0	0	1	0	0	2	3	0
KIRKUK	15	0	2	6	0	0	8	3	0
KHANAQIN	7	0	0	2	0	0	5	5	0
RUTBAH	1	0	0	1	0	0	2	2	0
HAI	6	0	0	2	0	0	10	3	0
DIWANIYA	6	0	1	3	0	0	5	1	0
NASIRIYA	5	0	0	4	0	1	16	2	0
BASRAH	4	0	2	3	0	0	15	1	0
HABBANIYA	5	0	6	0	0	1	5	1	0

TABLE 16-.

DURATION OF SUNSHINE : [illegible]

STATIONS	MONTHLY TOTAL SUNSHINE HOURS	MAX. SUNSHINE IN ONE DAY HOURS	MAX. SUNSHINE IN ONE DAY DATE	No. OF DAYS WITHOUT SUNSHINE
BAGHDAD	281.7	12.6	30th	0
MOSUL	236.7	12.5	30th	1
BASRAH	263.4	12.1	24th	0
HABBANIYA	281.4	12.5	17,23&30	0

TABLE - 17 . [illegible]

MONTHLY MEAN OF: and HIGHEST GUST OF WIND SPEED IN (KNOTS)

Stations	GRASS MINIMUM C° TEMPERATURE	EARTH TEMPERATURES 0.3 M.	EARTH TEMPERATURES 1.2 M	HIGHEST GUST	DIRECTION	TIME GMT.	DATE
BAGHDAD	9.7	22.6	21.9	38	180	1400	10th.
MOSUL	****	20.5	18.1	40	300	2100	9th.
SINJAR	****	****	****	45	320	0300	10th
KIRKUK	8.7	19.6	18.4	30	050	0300	28th
KHANAQIN	****	****	****	30	140	0900	26th
RUTBAH	****	****	****	25	330	0000	9th.
HAI	12.1	****	****	35	300	0900	10th
DIWANIYA	****	****	****	25	340	0600	10th
NASIRIYA	15.3	25.0	23.4	30	330	0900	10th
BASRAH	13.2	****	****	62	090	0930	20th
HABBANIYA	10.8	21.1	20.8	40	230	0120	19th

TABLE 18-a .

Month: April 1962 .

RADIOSONDE OBSERVATIONS AT STANDARD LEVELS (0001 G.M.T.) AT BAGHDAD AIRPORT

DATE	1000-mbs.					850-mbs.					700-mbs.					600-mbs.					500-mbs.				
	HHH	TT	T_dT_d	dd	ff	HHH	TT	T_dT_d	dd	ff	HHH	TT	T_dT_d	dd	ff	HHH	TT	T_dT_d	dd	ff	HHH	TT	T_dT_d	dd	ff
1	011	21	13	09	16	151	15	00	15	24	312	04	56	25	25	435	56	60	26	29	575	65	85	25	29
2	009	17	15	32	08	148	14	08	24	10	307	00	56	25	21	430	56	61	26	20	571	64	69	27	35
3	008	19	15	18	03	148	13	04	24	04	307	51	58	27	07	429	56	66	25	14	569	65	77	24	18
4	005	19	12	13	12	145	14	53	19	14	305	01	63	24	53	426	59	74	25	50	565	67	83	26	62
5	007	16	11	32	03	145	11	00	28	18	304	51	62	26	28	425	57	68	26	36	565	66	91	26	46
6	012	15	05	30	08	149	09	57	30	24	307	03	76	29	27	430	04	79	29	35	571	64	85	29	35
7	013	22	06	33	07	151	14	51	32	14	311	02	62	32	20	433	09	71	30	19	572	68	78	28	12
8	010	20	10	32	04	151	17	02	34	04	313	55	58	31	06	437	55	66	29	05	518	66	75	30	05
9	008	26	12	00	00	151	20	11	00	00	314	05	66	00	00	436	58	72	26	16	574	71	78	25	23
10	009	21	14	35	22	148	14	51	29	14	308	03	58	26	26	430	58	63	24	46	570	68	73	23	52
11	NO OBSERVATIONS																								
12	013	18	04	32	07	150	10	63	32	16	309	00	76	29	21	430	57	85	29	22	569	69	93	28	36
13	NO OBSERVATIONS																								
14	NO OBSERVATIONS																								
15	006	22	10	10	08	147	18	52	16	10	309	04	58	21	14	432	56	62	25	24	572	67	70	26	23
16	005	22	09			144	15	51			305	02	56			427	58	66			565	69	76		
17	009	18	05	34	05	147	12	56	29	06	305	53	60	25	20	426	60	75	24	19	563	71	85	22	17
18	008	19	09	29	07	147	13	59	15	06	307	00	71	17	14	428	59	82	21	16	566	70	89	21	26
19	009	21	06	12	20	149	16	60	12	32	309	02	68	12	22	431	60	72	13	18	569	66	75	18	20
20	009	18	14	08	03	147	12	50	18	11	305	52	62	24	14	427	58	77	22	22	566	68	87	20	30
21	007	17	13	29	13	145	11	04	28	14	302	52	58	27	09	423	62	67	25	20	560	72	75	25	29
22	009	17		07	08	146	10		22	17	303	54		25	19	423	62		26	14	560	71		28	13
23	012	16	12	14	08	149	10	01	18	07	307	52	59	23	26	428	61	68	25	36	565	71	79	24	34
24	NO OBSERVATIONS																								
25	012	22	10			151	14	51			310	51	60			432	56	62			572	66	71		
26 to 30	NO OBSERVATIONS																								
MEANS	009	19	10			148	13	51			308	00	62			429	57	70			568	68	80		

NOTES: Heights are in Decameter in all levels. Temperatures and dew point are in degrees centigrade.
Temperatures and dew point below freezing are 50 are added .

TABLE 18-b .

Month: April 1962 .

RADIOSONDE OBSERVATIONS AT STANDARD LEVELS (0001 G.M.T.) AT BAGHDAD AIRPORT

	400-mbs.					300-mbs.					200-mbs.					150-mbs.					100-mbs.				
DATE	HHH	TT	T_dT_d	dd	ff	HHH	TT	T_dT_d	dd	ff	HHHH	TT	T_dT_d	dd	ff	HHHH	TT	T_dT_d	dd	ff	HHHH	TT	T_dT_d	dd	ff
1	740	76	99	25	60	942	92	06	25	86	1207	06	19	26	64	1388	10		26	68	1639	15		27	84
2	736	78	83	27	51	935	94	97	26	52	1198	10	13	25	93	1382	06		75	16	1636	12			
3	734	76	90	23	19	935	90	02			1203	04	15			1388	07	18			1641	11	22		
4	729	76	92	25	76	930	95	04	25	80	1198	00	12	26	57	1383	05	18			1637	16			
5	729	78	99	26	60	931	88	09	26	74	1205	95	16	26	74	1396	00	20			1656	10			
6	736	75	88	29	49	940	90	01	28	77	1207	02	12			1391	08				1641	17			
7	735	79	84	27	28	934	97	04	26	48	1197	05		26	60	1378	10		26	75	1625	21			
8	744	74	89	28	07	947	89	03	28	09	1213	07	18	28	15	1392	13				1639	16			
9	736	80	92	25	20	934	96	08	24	16	1192	16		23	36	1365	18		23	51					
10	733	79	94			933	94	06			1198	03	15			1382	06	18							
11																									
12																									
13																									
14																									
15	736	78	83	25	24	937	92	04	26	34	1202	05	15	26	64	1383	11	21			1633	15			
16	728	79	87			929	92	02			1192	08	15			1375	08	16			1626	13			
17	724	84	96	23	47	921	94	02	22	60	1186	03	11	23	59	1370	06	14			1626	09			
18	728	83	95	21	39	924	97	08	21	59	1183	08	18	21	61	1365	06	17			1624	04	16		
19	733	81	88	22	25	930	97	03	21	38	1189	08	13	20	52	1372	06	14	21	50	1629	09	18	23	39
20	729	79	92	21	57	929	93	02	21	67	1193	07	15			1376	05	14			1635	05	17		
21	721	81	84	25	41	920	93	99			1184	03	12			1368	07	15			1625	08	16		
22	721	84		29	20	916	00				1178	04													
23	726	83	93	22	42	923	95	04	25	98	1187	06	15			1368	10	18			1623	06	15		
24																									
25	737	78	83			936	95	00			1197	08	13			1375	06	11			1633	11	17		
26																									
27																									
28																									
MEANS	732	79	91			931	94	03			1195	06	15			1379	08	16			1634	12	18		

TABLE 19-a.

Month: April 1962.

BAGHDAD AIRPORT

Frequency of Horizontal Visibility

T I M E - G.M.T.

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -200M																									
200 -500M																									
500 -1000M													1												1
1000 -1500M					1		1																		2
1500 -3000M				3	2			1								1									7
3 -5KM				1	1	3	2	2	2	1			1	1	2		1								17
5 -10KM			2	4	12	11	6	3		1	3	3	1	2	1	5	14	3	3	2	1			1	78
10 -15KM	6	6	10	18	9	11	14	17	12	10	9	8	9	8	12	16	12	17	15	13	11	10	8	6	267
15KM	24	24	18	4	5	5	7	7	16	18	18	19	18	19	15	8	3	10	12	15	18	20	22	23	348
Total	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	720

NOTE: In fields containing two numbers the first one gives the cases with dust in the air. The second number shows the total.

Frequency of different heights of cloud - base (amount 5-8 Oktas)

Height	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -50M																									
50 -150M									1																1
150 -300M																									
300 -500M								1																	1
500 -900M					1	1	1		1	1			3	2	1	1	1	1							14
900M	30	30	30	30	29	29	29	29	28	29	30	30	27	28	29	29	29	29	30	30	30	30	30	30	704

TABLE 19-b .

BASRAH AIRPORT

Month: April 1962 .

Frequency of Horizontal Visibility

T I M E - G.M.T.

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -200M																									
200 -500M																									
500 -1000M									1/1					2/2	2/2	1/1									6
1000 -1500M			1/1							1/2	1/2		1/1												6
1500 -3000M				1/1	1/1	2/2		2/2	1/1	2/2	3/3	3/5	1/1		2/2	1/2	2/2	2/2	1/1	1/1	1/1				29
3 -5KM				1	2	1	2/2	1/1	1/1			1/1	3	1/1	1/1				1/1						15
5 -10KM	1	1/1	1	3	1	1	1	1	1/3	1/3	3	3	3	2/3	1/2	3/4	2/4	1/3	1/1	2/3	2/2	2/3	2	1	55
10 -15KM	4	5	5	7	7	9	9	8	5	5	5	5	7	8	7	6	3	3	4	6	4	2	3	3	130
>15KM	25	22	23	18	19	17	18	18	19	18	17	16	15	16	16	17	21	22	23	20	23	25	25	26	479
Total	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	720

NOTE: In fields containing two numbers the first one gives the cases with dust in the air. The second number shows the total .

Frequency of different heights of cloud - base (amount 5-8 oktas)

Height	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -50M																1									1
50 -150M																									
150 -300M																									
300 -500M																									
500 -900M					1							1	2	2	2	2	2								12
>900M	6	7	8	8	6	8	12	12	10	10	11	10	10	11	12	10	8	8	5	7	8	8	5	5	205

TABLE 20-a.

Month: April 1962

BAGHDAD AIRPORT

Simultaneous occurrences of specified visibility ranges and specified lowest cloud-base (≥5 Oktas)

HEIGHT METERS	VISIBILITY 0-200M			>200-500M			>0.5-1KM			>1-1.5KM			>1.5-3KM			>3-5KM			>5-10KM			>10-15KM			>15KM			TOTAL		
0-50																														
>50-150																														
>150-300																														
>300-500																														
																			1											1
>500-900																						1	2	1		1		1	3	1
																			1					4			1			6
<5/8 OR *										1			3			1	1		4	6	6	18	14	24	4	7	30	30	29
>900							1							1	1	1		1	1	5	9	7	15	18	17	8	29	27	29
AND ≥5/8								1			1			4			4	3		20	15	10	94	12	20	110	30	30	231
										1			3			1	2		4	6	6	18	14	24	4	7	30	30	30
TOTAL							1							1	1	1		1	1	5	10	9	16	18	18	18	30	30	30
								1			1			4			5	3		20	15	10	98	12	20	111	30	30	240

NOTE:

The nine fields for each combination of visibility and height contain the number of occurrences for different times using the following Model :

00	03	06
09	12	15 GMT.
18	21	To

To= Total for all hours

*ALL CASES WITH CLOUD AMOUNT OF LESS THAN 5/8 ARE ENTERED HERE.

TABLE 20-6 a

(22)

Month: April 1962

BASRAH AIRPORT

Simultaneous occurrences of specified visibility ranges and specified lowest cloud-base (≥5 Oktas)

HEIGHT METERS	VISIBILITY 0-200M	>200-500M	>0.5-1KM	>1-1.5KM	>1.5-3KM	>3-5KM	>5-10KM	>10-15KM	>15KM	TOTAL		
0-50			1									1
			1									1
>50-150												
>150-300												
>300-500												
>500-900						1	1	1	1		3	2
						1	1	2	2	1		6
<5/8 OR *					1	1	2 1 3 1	4 8	8 25 17 19	30	30	30
>900				2	2 2 1	2	3 2 4	5 6	5 18 15 17	30	27	27
AND ≥5/8				2 1	7 1	6	2 3 19	3 2	41 22 25 158	29	30	233
					1	1	2 1 3 1	4 8	8 25 17 19	30	30	30
TOTAL			1	2	2 2 1	3	3 3 4	5 7	6 18 15 18	30	30	30
			1	2 1	7 1	7	2 3 20	3 2	43 23 25 160	30	30	240

NOTE:

The nine fields for each combination of visibility and height contain the number of occurrences for different times using the following model :

00 03 06

09 12 15 GMT.

18 21 To

To= Total for all hours

*ALL CASES WITH CLOUD AMOUNT OF LESS THAN 5/8 ARE ENTERED HER

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وزارة المواصلات

مديرية الطيران المدني العامة

REPUBLIC OF IRAQ

MINISTRY OF COMMUNICATIONS

DIRECTORATE GENERAL OF CIVIL AVIATION

مديرية الانواء الجوية

METEOROLOGICAL DEPARTMENT

شعبة احصائيات المناخ

CLIMATOLOGICAL SECTION

تقرير المناخ الشهري

Monthly Climatological Data

No. 5
Vol. 25
Month May
Year 1962

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مجلد ٢٥
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معلومات مناخية شهرية لشهر مايس ١٩٦٢ .

MONTHLY CLIMATOLOGICAL DATA FOR MAY 1962

مجلد ٢٥ ، عدد (٥) ، مايس ١٩٦٢ .

VOLUME 25 , No. (5) , MAY 1 9 6 2 .

C O N T E N T S

	TABLE	PAGE
General situation of the month with notes	-	1
Daily mean temperatures	1	1
" " pressure at M.S.L.	2	2
" " relative humidity	3	3
Daily maximum and minimum temperatures	4ab	4-5
Monthly mean dry bulb temperatures	5	6
" " wet " "	6	6
" " pressure at M.S.L.	7	6
" " relative humidity	8	6
" " vapour pressure	9	7
" " dew point	10	7
" " low cloud amount	11	7
" " total cloud amount	12	7
Surface-Wind, number of observations of	13ab	8-9
Daily precipitation	14a-c	10-12
Climatological summary	15	13
Duration of sunshine	16	13
Monthly mean temperatures of grass & earth with highest Gust of wind-speed	17	13
Baghdad radiosonde observations	18ab	14-15
Frequency of horizontal visibility at Baghdad & Basrah	19ab	16-17
Combined statistics of visibility and cloud base at Baghdad & Basrah	20ab	18-19

المحتويـــــات

لمحة عامة عن التقرير المناخي الشهري	-	١
المعدل اليومي لدرجات الحرارة	١	١
" " للضغط الجوي على سطح البحر	٢	٢
" " للرطوبة النسبية	٣	٣
درجات الحرارة العظمى و الصغرى اليومية	٤ب	٤-٥
المعدل الشهري لدرجات الحرارة للبصلة الجافة	٥	٦
" " " " " الرطبة	٦	٦
" " للضغط الجوي على سطح البحر	٧	٦
" " للرطوبة النسبية	٨	٦
" " لضغط البخار	٩	٧
" " لدرجة الندى	١٠	٧
" " لكمية الغيوم الواطئة	١١	٧
" " لمجموع كمية الغيوم	١٢	٧
عدد تكرار رصدات الرياح السطحية	١٣ب	٨-٩
الهطول اليومي	١٤أ-ج	١٠-١٢
الملخصات المناخية	١٥	١٣
مدة سطوع الشمس	١٦	١٣
المعدل الشهري لحرارة الحشيش و التربة و اقصى سرعة ريح مسجلة خلال ساعة	١٧	١٣
رصدات الراديوسوند في بغداد	١٨ب	١٤-١٥
ذبذبات كل من مدى الرؤيا و ارتفاع الغيوم في بغداد و البصرة	١٩ب	١٦-١٧
احصائيات مزدوجة لمدى الرؤيا و لقاعدة الغيوم في بغداد و البصرة	٢٠ب	١٨-١٩

مايس ١٩٦٢

كان الجو غير مستقر خلال معظم ايام الشهر لسبب عبور انخفاضات على القطر من الغرب الى الشرق .

غبار متصاعد اوغبار خفيف سجل في كثير من دوائر الانواء بينما قليل من الزوابع الرعدية حدثت في او قرب الاماكن المرتفعة . وقد سادت حالات من الجو المستقر من ١٤ الى ٢٣ من الشهر وايضا خلال الاربع الايام الاخيرة من الشهر .

MAY 1962

The weather in Iraq was unsettled during the major part of the month due to depressions which moved across the Country from West to East. Rising dust and dust haze reported from a number of stations, while there were a few Thunderstorms in and near the Northern hills . Practically settled weather conditions prevailed from 14th to 23rd and in the last four days of the month .

NOTES ON TABLES

AIR PRESSURE	:-	Is expressed in Millibars, the initial 9 or 10 is being omitted. One millibar equals 1000 dynes per sq.cm. All mean pressure are reduced to Mean Sea Level.
TEMPERATURE	:-	(In Centigrade), the measurements of temperatures are made in Stevenson (Louvred) Screens in the open. The height of the thermometer bulb is approximately 1.3 meters above the ground level.
HUMIDITY	:-	The values given depend on the readings of the Dry & Wet bulbs thermometers in Stevenson Screens.
RAINFALL	:-	(Millimeters), The daily amount is for 24 hours from 0600 G.M.T. on the day of entry to 0600 G.M.T. on the next day. A day is reckoned as a day of rain if the total rainfall is 0.2 mm. or more.
WEATHER	:-	Days of Fog or Dust are thus on which the range of the vision is less than 1000 meters at any time of the day .
Clear Days	:-	Are those on which the average cloud amount at all observation hours is 0 or 1 Okta.
Cloudy Days	:-	Are those on which the average cloud amount is 7 or 8 Oktas .

ALL TIMES ARE G.M.T. = Local time Minus 3 Hours .

مايس ١٩٦٢

MAY 1962 .

TABLE - 1 .

المعدل اليومي لدرجات الحرارة (سنتغراد)

DAILY MEAN TEMPERATURES (C°) OF 8 OBSERVATIONS

التاريخ	بغداد	موصل	سنجار	كركوك	رطبة	حي	ديوانية	ناصرية	بصرة	حبانية
DATE	BAGH-DAD	MOSUL	SINJAR	KIRKUK	RUTBAH	HAI	DIWA-NIYA	NASI-RIYA	BASRAH	HABBA-NIYA
1	24.6	19.3	19.7	22.1	25.4	25.8	24.3	25.9	23.0	24.7
2	28.1	21.8	22.8	24.0	23.8	27.9	27.8	28.1	28.4	28.5
3	27.8	24.8	26.0	27.5	24.0	28.1	26.8	26.4	29.2	28.1
4	29.5	25.2	27.3	28.8	25.7	29.2	29.5	27.3	29.4	29.9
5	27.7	23.6	23.2	25.2	20.8	29.7	29.8	31.4	29.8	27.1
6	26.3	22.5	23.0	24.2	21.4	29.6	28.3	29.8	31.1	25.7
7	29.3	23.9	23.6	27.4	22.8	29.1	29.9	30.8	30.9	29.4
8	27.6	21.1	18.6	25.3	19.0	30.6	29.0	31.9	32.3	25.2
9	26.3	20.6	19.4	23.4	18.4	29.0	27.0	29.2	31.6	25.2
10	25.0	19.2	19.1	21.7	18.6	27.8	25.2	27.6	27.1	24.6
11	23.9	20.6	20.8	22.3	21.1	25.1	24.1	25.5	25.7	24.5
12	26.1	21.8	23.6	24.6	23.1	26.3	27.1	28.2	27.2	26.5
13	28.0	24.8	25.6	26.6	24.7	29.6	28.1	28.9	28.8	27.9
14	28.6	26.5	27.4	28.2	25.5	30.6	29.6	29.3	25.1	29.5
15	30.2	25.9	28.5	28.2	26.1	31.2	29.9	30.5	30.0	30.0
16	28.8	25.9	29.6	30.0	26.2	29.9	29.7	30.7	29.6	29.7
17	30.4	27.8	32.2	32.1	28.0	32.5	30.3	31.4	23.0	31.5
18	32.9	30.4	30.6	32.9	28.9	34.1	31.9	33.1	31.6	32.8
19	32.4	26.4	28.9	30.7	26.5	34.9	32.8	34.1	31.1	31.9
20	32.1	27.7	30.7	30.5	27.1	33.9	32.0	34.5	33.5	30.5
21	34.2	28.3	31.1	31.2	28.1	35.0	35.1	35.3	34.8	32.3
22	33.9	28.6	32.5	32.0	30.6	32.6	33.9	36.0	33.4	32.4
23	34.0	29.4	32.9	33.4	30.4	34.0	34.2	35.1	31.1	34.6
24	35.3	28.9	32.4	31.1	33.1	35.4	34.1	36.1	31.4	34.6
25	31.8	31.4	32.3	32.8	24.2	33.7	31.8	34.0	33.5	30.7
26	28.7	27.1	24.6	27.0	23.7	31.7	30.1	32.0	31.7	27.2
27	29.6	25.7	26.4	28.9	23.0	31.5	3.6.3	33.2	31.1	28.7
28	29.2	27.2	27.5	28.1	25.5	32.1	30.9	32.1	31.8	29.1
29	32.2	27.4	29.1	29.7	28.0	34.0	33.6	33.8	31.2	31.6
30	35.0	28.1	31.1	32.3	29.9	36.3	35.5	36.1	33.7	34.4
31	36.4	31.1	33.7	34.9	31.5	37.1	36.4	36.4	33.9	35.7
MEANS	29.9	25.6	26.9	28.3	25.3	31.3	30.5	31.4	30.2	29.5
NORMAL	27.4	23.6	26.9	24.9	23.7	29.6	28.8	29.2	29.7	28.4
YEARS OF NORMAL	1937 to 1956	1923	1961	1935	1928	1940	1939	1940	1937	1935
		1956	1962	1956	1956	1956	1956	1956	1956	1956

NOTE: T I M E - G . M . T .

$$\frac{0000+0300+0600+0900+1200+1500+1800+2100}{8} = \text{DAILY MEAN}$$

MAY 19[illegible] (TABLE - 2) مايس ١٩٦٢ (2)

DAILY MEAN PRESSURE (MILLIBARS) AT M.S.L. المعدل اليومي للضغط الجوي على سطح البحر (بالمليبارات)

DATE	BAGHDAD	MOSUL	SINJAR	KIRKUK	RUTBAH	HAI	DIWANIYA	NASIRIYA	BASRAH	HABBANIYA
1	1009.9	1012.2	1011.5	1011.3	1009.5	1010.2	1010.1	1010.0	1011.1	1009.2
2	03.7	07.9	07.5	07.3	02.7	04.1	02.8	04.1	06.3	02.9
3	03.6	06.5	06.1	05.6	05.3	03.0	03.2	03.6	05.2	03.7
4	04.6	04.9	03.8	05.3	03.9	05.5	04.4	05.1	06.5	03.9
5	04.1	05.4	05.9	05.1	06.9	03.1	03.5	03.4	05.0	04.6
6	06.6	06.4	07.6	07.5	07.5	05.0	06.4	05.0	05.2	06.9
7	06.9	08.2	07.5	07.7	06.2	06.9	06.0	07.1	07.7	06.2
8	05.4	09.0	09.5	07.6	08.2	05.1	04.9	04.5	06.6	04.9
9	06.6	09.4	09.4	07.9	09.8	03.6	05.6	03.6	03.6	07.2
10	07.3	07.5	06.8	07.3	09.6	05.5	07.2	06.0	07.6	07.5
11	10.9	12.8	10.3	10.2	12.4	10.7	11.6	11.3	11.8	10.9
12	13.1	14.3	14.3	14.8	15.0	13.2	14.4	13.5	13.6	14.1
13	12.7	14.3	13.7	13.4	14.0	11.0	12.5	11.4	11.4	12.8
14	09.1	11.5	10.9	10.0	11.9	07.3	09.2	08.4	08.7	09.4
15	09.2	12.5	11.8	11.1	12.4	06.8	08.8	08.0	08.5	09.7
16	10.9	13.7	12.6	12.3	13.6	09.8	10.7	10.0	10.3	11.2
17	09.3	10.9	10.5	09.7	11.2	06.8	09.6	09.1	09.8	09.1
18	06.9	07.9	07.9	07.2	08.9	06.2	07.1	06.7	07.4	07.0
19	05.5	06.8	06.4	06.2	07.8	03.6	05.1	04.2	05.1	06.0
20	05.9	06.9	06.4	06.3	07.3	04.6	05.0	04.3	04.8	05.9
21	06.3	07.8	09.6	07.3	07.5	04.8	05.1	05.0	05.5	06.5
22	06.0	07.4	06.6	06.7	06.2	04.9	05.4	04.9	05.1	06.0
23	05.3	05.7	06.1	06.0	06.3	04.5	04.8	04.7	05.1	05.4
24	01.9	04.6	03.7	04.3	01.9	01.0	00.7	01.7	02.7	02.1
25	998.2	999.3	996.8	997.7	04.0	999.4	00.0	00.5	01.1	00.2
26	05.6	05.3	05.1	05.8	06.4	04.3	05.0	04.7	06.9	05.7
27	06.7	07.9	07.5	07.1	09.0	06.1	06.6	06.4	06.5	06.9
28	09.0	09.6	09.8	09.2	09.6	07.7	07.2	07.7	07.0	09.1
29	08.5	10.6	10.5	09.7	08.7	06.4	07.1	06.9	07.1	08.6
30	07.0	10.0	09.7	08.8	06.4	04.8	05.6	05.1	05.2	06.9
31	04.8	07.4	06.4	06.1	04.6	03.3	03.9	03.7	03.7	04.5
MEANS	1006.9	1008.9	1008.1	1007.8	1008.1	1005.8	1006.6	1006.1	1006.9	1006.9
NORMAL	1008.5	1009.1	1008.1	1007.9	1010.1	1007.8	1007.5	1007.4	1007.1	1008.5

1962

STATIONS	HIGHEST	DAY	YEAR	TIME	LOWEST	DAY	YEAR	TIME
BAGHDAD	1015.4	12	1962	0900	996.8	25	1962	0000
MOSUL	1017.1	12	1962	0600	996.7	25	1962	1500
SINJAR	1015.5	13	1962	0300	996.7	24	1962	1200
KIRKUK	1015.9	12	1962	0600	995.0	25	1962	1500
RUTBAH	1016.5	12	1962	0600	998.6	24	1962	0300
HAI	1014.8	12	1962	0600	997.6	25	1962	0000
DIWANIYA	1016.3	12	1962	0600	996.3	25	1962	0000
NASIRIYA	1015.5	12	1962	0600	999.0	25	1962	0000
BASRAH	1014.9	12	1962	0600	1000.0	25	1962	1500
HABBANIYA	1016.0	12	1962	0600	997.8	25	1962	0000

RECORDS

STATIONS	HIGHEST	DAY	YEAR	TIME	LOWEST	DAY	YEAR	TIME
BAGHDAD	1019.4	5	1940	0600	996.8	25	1962	0000
MOSUL	1021.8	2	1948	0600	995.7	3	1946	1200
SINJAR	1015.5	13	1962	0300	996.7	24	1962	1500
KIRKUK	1019.1	2	1948	0600	995.0	25	1962	1200
RUTBAH	1023.3	6	1944	0600	997.4	1	1946	1200
HAI	1019.2	1	1948	0600	997.5	31	1958	1500
DIWANIYA	1019.6	5	1940	0600	996.2	3	1946	0000
NASIRIYA	1018.3	1	1948	0600	997.2	3	1948	0000
BASRAH	1019.0	5	1940	0600	997.7	3	1959	0000

المعدل اليومي للرطوبة النسبية (٪)

DAILY MEAN RELATIVE HUMIDITY (%) OF 8 OBSERVATIONS

التاريخ	بغداد	موصل	سنجار	كركوك	رطبة	حي	ديوانية	ناصرية	بصرة	حبانية
DATE	BAGH-DAD	MOSUL	SINJAR	KIRKUK	RUTBAH	HAI	DIWA-NIYA	NASI-RIYA	BASRAH	HABBA-NIYA
1	33	60	42	41	13	56	38	37	56	36
2	26	62	37	33	20	56	27	31	54	32
3	38	58	39	24	28	59	30	29	50	30
4	35	49	32	24	19	48	35	38	49	31
5	38	51	44	37	29	48	30	32	44	31
6	34	47	40	30	21	41	26	33	38	30
7	28	39	39	19	16	40	21	26	42	33
8	37	51	52	28	55	43	30	34	36	37
9	36	49	45	29	51	42	33	32	41	35
10	37	61	55	40	43	39	39	30	48	36
11	47	52	45	39	33	50	41	30	49	35
12	42	55	46	34	30	37	40	31	55	41
13	37	54	38	31	23	34	34	32	56	34
14	36	46	36	25	22	30	28	31	54	33
15	33	43	29	22	21	29	27	26	47	26
16	36	51	31	24	22	39	30	30	55	27
17	39	51	32	24	18	34	32	31	50	25
18	29	34	34	17	17	32	32	24	40	24
19	19	35	31	22	20	29	22	28	46	21
20	18	46	32	20	17	31	22	19	42	29
21	19	41	32	21	16	29	21	25	50	28
22	23	39	29	22	13	40	25	26	41	31
23	25	41	29	18	15	34	25	30	46	28
24	19	37	28	17	15	32	25	19	35	29
25	23	30	34	17	27	30	28	27	43	31
26	31	43	52	33	30	28	28	26	52	46
27	28	41	44	28	28	37	29	24	48	45
28	29	38	41	28	27	29	26	26	45	43
29	25	39	38	25	21	25	21	22	53	32
30	20	42	29	21	15	25	20	20	49	22
31	22	36	23	16	14	25	20	22	55	22
MEANS	30	46	37	26	24	37	29	28	46	32
NORMAL	31	50	37	35	35	33	35	40	57	33

1 9 6 2

STATIONS	HIGHEST	TIME GMT.	DAY	LOWEST	TIME GMT.	DAY
BAGHDAD	62	0300	1st	9	1200	21st.
MOSUL	95	0300	1st	11	1200	20th
SINJAR	70	0300	11th	21	0900	31st
KIRKUK	67	0300	1st	7	1500	22nd.
RUTBAH	88	2100	8th	5	1500	18th
HAI	88	0300	5th	15	1200	29th
DIWANIYA	64	0300	1&4	11	1200	28th
NASIRIYA	69	0000	11th	7	1200	31st
BASRAH	93	0300	1st	13	1200	8th
HABBANIYA	71	0300	27th	9	1200	7th

مايس ١٩٦٢

MAY 1962 .

TABLE 4-a.

درجات الحرارة العظمى والصغرى اليومية (سنتغراد)

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

التاريخ	بغداد		موصل		سنجار		كركوك		خانقين		رطبة	
	BAGHDAD		MOSUL		SINJAR		KIRKUK		KHANAQIN		RUTBAH	
	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DATE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	30.6	14.8	28.8	8.2	24.2	13.2	29.8	12.7	30.6	11.7	32.4	22.[illegible]
2	33.4	20.4	30.3	14.0	26.1	19.2	29.5	18.4	33.9	17.8	30.4	16.[illegible]
3	35.2	21.0	34.7	16.8	29.1	22.3	33.9	19.7	35.6	21.7	31.5	16.[illegible]
4	37.0	20.7	35.4	15.6	31.6	22.4	36.5	21.2	36.1	20.6	33.0	18.[illegible]
5	35.2	20.6	31.6	16.2	26.1	19.8	32.5	20.6	36.1	21.7	28.0	14.[illegible]
6	34.4	20.6	31.3	12.8	26.6	17.8	32.1	16.6	33.6	18.9	30.1	12.[illegible]
7	36.7	18.8	32.6	12.4	27.1	20.8	35.3	18.8	35.6	17.2	31.6	12.[illegible]
8	37.0	18.6	28.2	16.8	20.8	19.2	35.3	20.3	38.0	20.0	24.0	16.[illegible]
9	32.7	20.3	28.4	9.8	22.5	12.1	28.8	16.5	32.1	16.7	25.4	11.[illegible]
10	31.2	19.6	25.6	11.6	22.8	16.3	28.5	16.1	30.6	17.2	24.4	12.[illegible]
11	31.3	16.1	28.6	12.1	25.1	14.7	29.1	14.9	30.0	15.0	28.5	12.[illegible]
12	34.4	15.4	31.5	11.8	27.6	15.2	31.4	15.7	32.2	14.4	31.4	13.[illegible]
13	35.8	16.7	34.3	12.2	30.0	19.3	32.7	18.0	35.0	17.2	32.5	14.[illegible]
14	38.0	19.4	36.4	13.2	31.2	20.1	34.9	19.9	37.2	16.7	33.5	15.[illegible]
15	37.5	20.0	36.2	15.0	31.8	22.3	34.4	21.1	36.7	21.1	33.5	15.[illegible]
16	38.2	18.4	37.7	14.4	34.2	20.1	36.6	22.6	38.3	18.3	34.7	15.[illegible]
17	40.3	17.3	40.1	15.2	36.2	25.0	40.1	23.4	40.6	18.9	37.3	16.[illegible]
18	41.9	22.0	40.1	18.8	35.0	28.2	40.8	23.7	41.1	21.1	37.4	17.[illegible]
19	40.3	20.3	37.8	15.2	32.8	22.0	37.6	24.4	41.1	20.0	35.4	17.[illegible]
20	40.4	24.0	40.2	14.2	34.6	25.1	38.5	21.8	39.4	18.0	35.4	16.[illegible]
21	40.8	27.6	39.4	15.0	34.9	24.2	38.7	22.0	40.0	20.0	37.2	17.[illegible]
22	42.1	24.1	40.6	17.4	36.3	25.2	39.5	23.4	41.1	20.6	38.5	19.[illegible]
23	43.1	24.8	41.6	15.8	27.5	25.8	41.5	24.8	41.7	23.9	38.0	22.[illegible]
24	42.8	26.2	40.2	18.4	37.0	27.1	36.8	24.0	42.2	25.6	40.0	28.[illegible]
25	37.6	26.3	40.2	22.2	35.0	25.2	39.5	27.6	41.7	27.8	31.5	16.[illegible]
26	35.6	20.8	34.4	19.2	28.6	20.1	34.7	19.5	35.0	18.9	31.0	16.[illegible]
27	37.5	20.4	34.9	16.4	30.2	22.8	35.6	21.3	37.2	18.3	30.0	15.[illegible]
28	36.6	19.4	36.0	16.4	30.1	21.3	35.4	19.1	36.1	20.6	33.6	15.[illegible]
29	39.6	18.8	37.0	16.6	32.6	22.1	36.6	22.0	38.3	18.3	36.2	18.[illegible]
30	41.9	25.8	39.0	15.6	34.6	23.2	38.6	23.0	40.6	20.6	39.0	19.[illegible]
31	43.8	27.8	41.8	19.0	38.1	28.2	41.3	27.1	42.8	24.4	41.0	20.[illegible]
MEANS	37.5	20.9	35.3	15.1	31.0	21.3	35.4	20.7	37.1	19.4	36.3	16.6
NORMAL	35.8	19.6	33.1	14.3	31.0	21.3	33.5	18.4	35.0	18.9	31.6	15.8

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
BAGHDAD	44.6	28th	1960	10.5	1st	1948
MOSUL	44.1	31st	1955	6.1	1st	1948
SINJAR	38.1	31st	1962	12.1	9th	1962
KIRKUK	43.3	7th	1942	8.3	1st	1948
KHANAQIN	44.0	29th	1960	8.3	1st	1948
RUTBAH	42.4	7th	1942	5.6	1st	1948

MAY 1962 .

TABLE 4-b .

مايس ١٩٦٢

درجات الحرارة العظمى و الصغرى اليومية (سنتغراد)

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

	حي		ديوانية		ناصرية		بصرة		حبانية	
	HAI		DIWANIYA		NASIRIYA		BASRAH		HABBANIYA	
التاريخ	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DATE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	31.6	16.3	31.2	15.3	34.6	15.3	31.1	15.7	31.7	14.5
2	34.2	19.2	36.7	20.0	34.5	22.4	35.2	21.4	36.4	21.5
3	35.4	17.5	37.0	17.5	38.0	19.5	35.6	21.4	37.4	18.2
4	35.8	18.0	38.0	19.8	39.5	21.1	36.3	21.7	39.5	19.0
5	37.0	21.8	36.6	25.0	40.4	26.4	39.2	27.2	34.2	21.2
6	35.4	20.8	35.8	21.5	38.2	21.4	40.5	22.8	33.9	18.2
7	36.7	16.2	37.5	20.0	38.6	22.5	38.0	22.6	38.9	19.5
8	38.9	20.0	40.0	20.3	39.4	24.5	41.4	23.5	34.7	18.0
9	35.0	19.5	34.6	21.0	38.0	19.9	36.6	23.4	32.5	18.9
10	32.5	19.5	32.0	18.5	34.5	19.4	31.6	24.2	30.7	18.4
11	30.4	16.0	30.5	15.6	32.0	19.1	30.4	21.5	31.7	17.6
12	33.4	17.4	34.8	18.0	35.2	19.8	32.3	20.7	34.5	18.0
13	35.3	18.5	35.6	20.0	36.9	21.6	35.1	22.2	35.6	19.0
14	36.2	20.4	37.5	20.6	36.6	20.3	35.7	23.2	37.8	18.9
15	36.8	20.4	38.2	20.8	38.3	22.0	36.8	22.9	37.8	21.7
16	37.6	18.6	39.3	20.3	39.2	21.4	38.6	21.5	39.0	19.5
17	39.4	18.5	39.9	18.8	40.6	19.2	38.6	21.7	41.4	20.0
18	40.3	22.2	42.0	22.8	41.8	22.5	40.1	23.0	42.5	21.7
19	41.9	21.5	41.7	23.0	43.5	23.5	39.8	22.7	40.0	22.3
20	40.0	24.8	40.8	22.5	43.6	25.0	43.0	24.8	39.5	20.6
21	40.8	26.7	42.2	30.0	43.4	25.5	41.5	25.8	42.1	22.0
22	40.5	23.0	42.0	23.6	43.2	28.1	42.0	19.9	43.4	21.1
23	41.4	20.7	43.8	23.0	44.6	25.0	42.3	25.3	43.4	23.4
24	42.3	25.0	44.5	25.0	46.2	25.2	41.1	26.7	44.2	24.7
25	38.4	25.0	39.0	26.0	40.6	27.8	38.4	29.5	37.3	26.7
26	36.5	22.6	37.4	21.6	39.4	24.0	38.8	25.8	35.0	20.6
27	37.8	19.8	38.6	19.5	39.6	25.5	38.7	23.5	37.8	18.9
28	37.0	22.2	38.2	23.4	39.6	25.2	38.0	26.2	37.6	20.0
29	40.3	22.0	41.5	24.6	41.2	25.0	38.9	24.0	40.8	20.8
30	42.2	27.0	44.0	27.0	44.4	27.8	41.3	25.7	43.9	26.5
31	43.1	24.8	45.5	27.0	45.0	27.0	41.4	24.7	45.6	25.3
MEANS	37.6	20.8	38.6	21.7	39.7	23.0	38.0	23.4	38.1	20.5
NORMAL	37.3	21.0	36.7	19.2	36.9	22.4	35.7	24.1	36.4	19.9

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
HAI	46.1	26th	1941	11.0	26th	1961
DIWANIYA	45.6	12th	1941	7.8	1st	1948
NASIRIYA	46.2	24th	1962	11.6	1st	1948
BASRAH	45.6	23rd	1951	8.9	1st	1952
HABBANIYA	46.7	7th	1942	8.3	4th	1940

MAY 1962 .

TABLE - 5 .

المعدل الشهري لدرجات الحرارة للبصلة الجافة (سنتغراد)

MONTHLY MEAN DRY BULB TEMPERATURES (C°)

	T I M E - G . M . T .								
STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	23.9	22.0	30.0	35.0	36.9	35.1	29.1	26.2	29.8
MOSUL	16.7	16.8	26.7	33.2	34.2	31.7	24.5	20.5	28.6
SINJAR	,,,,	21.5	26.0	28.5	29.2	29.3	25.5	,,,,	26.7
KIRKUK	22.3	22.6	30.2	33.1	34.2	32.3	27.0	24.3	28.8
KHANAQIN	,,,,	21.1	32.1	35.4	36.5	34.3	28.7	,,,,	31.4
RUTBAH	19.0	17.2	25.6	30.2	32.5	31.2	25.7	21.9	25.4
HAI	,,,,	22.0	30.5	36.2	37.0	33.6	28.5	,,,,	31.3
DIWANIYA	23.6	22.5	30.9	36.9	38.1	35.9	29.3	26.2	30.4
NASIRIYA	25.2	23.7	32.3	38.0	38.8	36.2	30.9	27.8	31.6
BASRAH	26.1	24.3	31.0	35.7	36.7	34.3	30.2	28.3	30.8
HABBANIYA	22.3	21.2	30.4	35.9	37.4	35.0	28.7	25.5	29.5

TABLE - 6 .

المعدل الشهري لدرجات الحرارة للبصلة الرطبة (سنتغراد)

MONTHLY MEAN WET BULB TEMPERATURES (C°)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	15.5	14.8	19.2	20.6	20.9	20.2	18.1	16.6	18.2
MOSUL	13.2	13.5	17.8	19.5	19.3	18.8	16.5	15.0	16.7
SINJAR	,,,,	15.0	17.2	18.4	18.5	18.5	16.7	,,,,	17.4
KIRKUK	14.0	14.1	16.9	18.1	18.3	17.5	15.9	14.8	16.2
KHANAQIN	,,,,	12.6	17.4	18.4	18.3	17.8	16.1	,,,,	16.8
RUTBAH	11.0	10.5	14.1	15.9	16.3	15.8	13.9	11.8	13.7
HAI	,,,,	16.1	20.3	29.0	21.7	21.2	18.6	,,,,	21.2
DIWANIYA	15.4	15.1	19.1	20.9	20.5	20.2	18.1	16.5	18.2
NASIRIYA	16.9	15.9	19.1	20.6	20.7	20.6	19.7	18.6	19.0
BASRAH	20.0	19.4	22.5	23.4	23.0	23.0	22.4	21.7	21.9
HABBANIYA	15.2	14.9	18.7	20.5	20.8	20.2	18.0	16.5	18.1

TABLE -7

المعدل الشهري للضغط الجوي على سطح البحر (ملليبارات)

MONTHLY MEAN PRESSURE (MILLIBARS) AT M.S.L.

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	06.6	07.4	08.2	07.6	06.2	05.5	06.7	06.0	1006.8
MOSUL	09.4	10.1	09.8	08.6	07.1	06.6	08.2	09.0	1008.6
SINJAR	,,,,	09.0	09.0	08.8	07.4	06.8	08.2	,,,,	1008.2
KIRKUK	08.5	08.9	08.7	07.9	06.2	06.0	07.8	07.8	1007.7
KHANAQIN	,,,,	08.6	06.7	06.2	05.0	05.0	06.0	,,,,	1006.3
RUTBAH	08.1	08.8	09.2	08.6	07.5	07.2	07.6	07.8	1008.1
HAI	,,,,	06.1	06.6	06.8	05.1	04.6	05.6	,,,,	1005.8
DIWANIYA	06.2	06.9	07.8	07.3	06.1	05.3	06.2	06.4	1006.8
NASIRIYA	05.9	06.6	07.5	06.9	05.3	05.0	05.0	06.1	1006.0
BASRAH	06.3	06.8	07.9	04.4	06.3	05.8	06.5	06.5	1006.3
HABBANIYA	06.9	07.6	08.2	07.6	06.2	05.6	06.8	06.8	1007.0

TABLE - 8 .

المعدل الشهري للرطوبة النسبية (%)

MONTHLY MEAN RELATIVE HUMIDITY (%)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	38	44	34	23	19	21	30	35	31
MOSUL	69	70	42	27	24	29	45	58	46
SINJAR	,,	47	39	35	33	32	39	,,	37
KIRKUK	36	36	25	19	17	18	27	32	26
KHANAQIN	,,	33	18	14	12	14	22	,,	19
RUTBAH	33	39	26	17	13	14	21	28	24
HAI	,,	54	40	29	26	34	40	,,	37
DIWANIYA	39	43	26	20	18	19	30	34	29
NASIRIYA	40	41	25	16	15	20	32	38	28
BASRAH	56	62	46	33	28	35	50	54	46
HABBANIYA	45	49	29	21	18	22	32	36	32

MAY 1962 .

TABLE - 9 .

المعدل الشهري لضغط البخار (ملليبارات)

MONTHLY MEAN VAPOUR PRESSURE (MILLIBARS)

TIME - G . M . T .

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	10.8	11.1	12.7	12.8	11.9	11.7	12.0	11.3	11.9
MOSUL	12.9	13.2	14.6	13.6	12.6	13.2	13.6	13.5	13.4
SINJAR	,,,,	11.7	12.7	13.4	13.3	13.0	12.3	,,,,	12.7
KIRKUK	9.4	9.3	10.2	9.0	8.6	8.3	9.4	9.3	9.2
KHANAQIN	,,,,	7.9	8.3	7.6	7.4	7.3	8.4	,,,,	7.8
RUTBAH	7.0	7.3	7.6	6.7	5.8	5.8	6.6	7.1	6.7
HAI	,,,,	13.8	17.1	16.7	16.1	17.0	15.0	,,,,	16.0
DIWANIYA	11.1	11.4	12.9	12.3	11.7	11.3	12.6	11.1	11.8
NASIRIYA	12.6	11.9	11.6	10.4	10.1	11.9	15.1	14.1	12.1
BASRAH	18.6	18.7	20.6	19.2	17.2	19.1	21.1	20.8	19.4
HABBANIYA	11.8	12.0	12.4	12.3	11.4	12.1	12.3	11.6	12.0

TABLE 10-

المعدل الشهري لدرجة الندى (سنتغراد)

MONTHLY MEAN DEW POINT (C°)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	7.8	8.2	11.4	10.1	8.9	8.9	9.3	8.3	9.1
MOSUL	10.7	11.0	12.4	11.3	10.1	10.9	11.1	11.2	11.1
SINJAR	,,,,	9.2	10.1	11.1	10.7	10.5	9.8	,,,,	10.2
KIRKUK	5.7	5.6	6.9	5.1	4.4	3.8	5.7	5.6	5.3
RUTBAH	1.1	1.4	2.5	0.8	-0.9	-1.2	0.5	1.4	0.7
HAI	,,,,	11.6	14.8	15.1	13.6	14.3	15.0	,,,,	14.1
DIWANIYA	8.1	8.9	10.3	9.7	8.3	8.4	9.5	8.3	8.9
NASIRIYA	10.2	9.3	9.0	7.2	6.8	9.2	11.8	11.5	9.4
BASRAH	16.0	16.2	17.8	16.6	14.8	16.4	17.9	17.7	16.7
HABBANIYA	9.1	9.3	9.8	9.7	8.1	9.1	9.8	8.9	9.2

TABLE 11.

المعدل الشهري لكمية الغيوم الواطئة (الاثمان)

MONTHLY MEAN LOW CLOUD AMOUNT (OKTAS)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	0.0	0.3	0.1	0.1	0.4	0.1	0.1	0.0	0.1
MOSUL	0.8	1.1	1.0	2.0	2.7	1.9	0.9	1.0	1.4
SINJAR	,,,	0.4	0.5	1.3	1.9	1.4	0.2	,,,	0.9
KIRKUK	0.5	0.8	0.5	1.1	1.5	0.9	0.2	0.2	0.7
KHANAQIN	,,,	1.0	1.0	1.1	1.3	1.4	1.0	,,,	1.1
RUTBAH	0.5	0.5	0.3	0.5	1.5	1.7	0.8	0.5	0.8
HAI	,,,	0.0	0.0	0.0	0.3	0.3	0.1	,,,	0.1
DIWANIYA	0.0	0.1	0.0	0.1	0.3	0.2	0.2	0.2	0.1
NASIRIYA	0.1	0.1	0.2	0.0	0.5	0.7	0.2	0.2	0.3
BASRAH	0.1	0.1	0.2	0.3	0.3	0.3	0.0	0.0	0.2
HABBANIYA	0.0	0.1	0.0	0.1	0.3	0.2	0.0	0.0	0.1

TABLE 12.

المعدل الشهري لمجموع كمية الغيوم (الاثمان)

MONTHLY MEAN TOTAL CLOUD AMOUNT (OKTAS)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	0.7	1.4	1.4	1.2	1.6	1.1	0.7	0.8	1.1
MOSUL	1.5	2.2	2.4	4.0	4.8	3.9	1.8	1.7	2.8
SINJAR	,,,	2.5	2.8	3.9	4.4	3.8	1.6	,,,	3.2
KIRKUK	0.9	1.8	1.5	2.3	2.6	2.2	0.5	0.4	1.5
KHANAQIN	,,,	2.1	2.0	2.4	3.0	2.3	1.1	,,,	2.2
RUTBAH	1.3	1.4	1.3	1.5	2.6	2.7	1.5	1.2	1.7
HAI	,,,	1.6	1.4	1.7	2.4	2.1	1.3	,,,	1.8
DIWANIYA	0.7	0.7	0.8	0.9	1.7	1.2	0.6	0.9	0.9
NASIRIYA	0.5	1.3	1.3	1.3	1.9	1.9	1.0	1.0	1.3
BASRAH	1.0	1.5	1.6	1.5	1.6	1.7	1.0	0.7	1.3
HABBANIYA	1.2	1.4	1.4	1.1	1.4	1.6	1.0	0.8	1.2

TABLE 13-a.

عدد تكرار رصدات الرياح السطحية :

SURFACE - WIND , NUMBER OF OBSERVATIONS OF :

المحطة STATIONS	وقت جرينتش TIME GMT.	الاتجاه DIRECTION N	NE	E	SE	S	SW	W	NW	السرعة بالعقد SPEED IN KNOTS CALM	1-10	11-21	22-33	>34	[illegible]
بغداد	0000	8	2	6	1	1	0	1	6	6	20	5	0	0	[illegible]
	0300	5	0	5	2	1	0	4	7	7	22	3	0	0	[illegible]
	0600	6	3	3	1	3	0	3	8	4	21	6	0	0	[illegible]
	0900	7	4	3	3	3	1	3	5	2	17	8	0	0	[illegible]
BAGHDAD	1200	6	1	2	1	2	1	7	4	0	18	10	0	0	[illegible]
	1500	5	2	0	3	1	1	5	5	1	15	10	0	0	[illegible]
	1800	4	1	0	3	0	0	2	10	0	20	3	0	0	[illegible]
	2100	8	1	2	2	1	0	2	7	8	18	3	0	0	[illegible]
	TOTAL	50	14	21	19	12	3	27	62	40	151	57	0	0	[illegible]
موصل	0000	8	0	2	0	1	0	8	2	10	19	2	0	0	[illegible]
	0300	9	1	0	0	0	0	10	3	5	20	3	0	0	[illegible]
	0600	11	1	0	0	2	0	6	3	6	20	3	0	0	[illegible]
	0900	4	3	4	2	0	0	5	6	1	21	3	1	0	[illegible]
MOSUL	1200	8	3	7	3	1	0	8	0	1	18	1	0	1	[illegible]
	1500	7	2	3	2	2	1	6	5	3	18	3	3	0	[illegible]
	1800	8	0	1	1	1	0	12	2	5	21	3	1	0	[illegible]
	2100	6	0	0	1	1	0	8	2	13	13	0	0	0	[illegible]
	TOTAL	61	10	17	9	14	1	83	25	48	150	45	4	1	[illegible]
سنجار	0300	19	1	3	0	0	0	3	2	3	23	3	2	0	[illegible]
	0600	3	0	8	1	4	0	9	1	5	20	5	1	0	[illegible]
	0900	6	0	3	2	5	0	7	5	2	23	3	0	1	[illegible]
SINJAR	1200	3	1	3	1	4	0	12	6	1	20	3	1	0	[illegible]
	1500	4	1	1	2	2	0	14	2	3	19	7	2	0	[illegible]
	1800	12	3	1	0	1	0	8	5	1	23	4	2	1	[illegible]
	TOTAL	47	8	19	6	17	0	53	21	15	128	33	9	2	[illegible]
كركوك	0000	2	10	3	0	0	1	0	0	15	15	1	0	0	[illegible]
	0300	0	10	3	0	0	0	0	0	18	11	2	0	0	[illegible]
KIRKUK	0600	4	6	0	3	5	1	1	0	10	19	2	0	0	[illegible]
	0900	3	2	1	2	4	2	12	0	5	21	3	0	0	[illegible]
	1200	4	1	0	2	2	4	9	3	6	16	8	0	0	[illegible]
	1500	4	3	0	0	3	2	5	2	4	21	1	0	0	[illegible]
	1800	1	6	1	0	0	1	2	0	20	8	3	0	0	[illegible]
	2100	1	11	0	1	0	0	1	1	16	13	1	1	0	[illegible]
	TOTAL	19	49	8	8	15	11	34	6	98	124	23	2	1	[illegible]
خانقين	0300	1	0	12	0	6	0	0	0	12	19	0	0	0	[illegible]
	0600	1	1	6	0	5	0	3	2	11	20	0	0	0	[illegible]
	0900	2	1	1	1	10	1	9	3	3	26	1	1	0	[illegible]
KHANAQIN	1200	3	0	0	0	11	2	12	1	2	27	1	1	0	[illegible]
	1500	4	0	0	2	5	0	11	7	2	28	0	1	0	[illegible]
	1800	0	0	3	0	5	0	6	0	17	14	0	0	0	[illegible]
	TOTAL	11	2	24	3	41	3	41	13	47	134	2	3	0	[illegible]
رطبة	0000	3	0	1	2	3	2	11	3	6	18	5	2	0	[illegible]
	0300	1	1	0	2	5	5	9	3	5	20	6	0	0	[illegible]
	0600	8	0	4	0	3	0	6	7	3	20	7	1	0	[illegible]
	0900	5	1	4	2	2	2	8	7	0	21	10	0	0	[illegible]
RUTBAH	1200	2	0	2	2	3	3	9	8	2	16	13	0	0	[illegible]
	1500	6	3	4	0	2	1	8	5	2	19	10	0	0	[illegible]
	1800	9	2	2	1	1	0	5	8	3	24	2	2	0	[illegible]
	2100	3	2	0	2	1	1	8	6	8	14	8	1	0	[illegible]
	TOTAL	37	9	17	11	19	14	64	47	29	152	61	6	0	[illegible]

TABLE 13-b — جدول ١٣-ب

عدد ملاحظات الرياح السطحية :

SURFACE - WIND , NUMBER OF OBSERVATIONS OF :

المحطة STATIONS	وقت جرينتش TIME GMT.	الاتجاه DIRECTION N	NE	E	SE	S	SW	W	NW	CALM	السرعة بالعقد SPEED OF WINDS 1-10	11-21	22-33	34	معدل السرعة بالعقد MEAN V.
حي AL	0000	6	1	4	0	2	0	7	6	0	12	6	0	0	5
	0300	5	0	4	1	5	1	6	2	0	13	1	1	0	5
	0600	4	1	1	3	8	0	4	0	0	12	3	3	0	10
	0900	5	0	3	2	4	1	3	2	0	11	4	2	0	10
	1200	4	0	3	0	4	0	1	12	0	11	6	0	0	8
	1500	3	0	4	1	0	0	1	12	0	13	6	0	0	8
	TOTAL	24	2	19	7	13	1	31	60	36	81	50	6	0	8
صوابية SUWAIHIYA	0000	12	2	2	0	1	3	5	3	2	12	6	0	0	7
	0300	10	2	4	0	0	1	5	3	0	13	3	0	0	6
	0600	11	1	2	1	3	1	5	2	0	13	1	0	0	6
	0900	8	1	2	2	3	1	5	4	0	11	3	0	0	8
	1200	10	0	2	2	0	3	7	7	0	11	4	0	0	8
	1500	13	0	2	2	0	0	5	5	0	12	3	0	0	8
	1800	8	1	1	1	1	0	3	5	0	12	3	0	0	6
	2100	9	3	3	1	1	1	3	4	0	12	3	0	0	6
	TOTAL	82	10	20	13	10	13	49	38	2	130	32	1	0	7
ناصرية NASIRIYA	0000	6	3	1	2	2	1	6	3	0	23	0	0	0	6
	0300	7	1	0	1	1	0	3	3	0	17	0	0	0	5
	0600	10	1	1	1	2	0	7	3	0	19	0	0	0	7
	0900	5	1	3	2	0	1	10	3	0	19	1	0	0	6
	1200	3	1	2	3	1	0	5	12	0	17	4	1	0	10
	1500	2	3	3	3	0	0	1	13	0	23	1	0	0	7
	1800	4	1	4	6	1	0	4	8	0	22	2	0	0	6
	2100	6	1	2	5	0	0	7	1	0	23	2	0	0	5
	TOTAL	43	12	16	33	7	2	52	58	29	180	14	2	0	7
بصرة BASRAH	0000	6	2	2	2	3	1	5	5	0	27	0	0	0	6
	0300	7	1	4	2	3	1	5	5	0	29	0	0	0	5
	0600	8	2	1	2	3	1	2	9	0	25	3	0	0	5
	0900	8	1	3	2	2	0	2	11	0	22	0	0	0	8
	1200	9	0	0	2	2	0	1	7	0	20	1	0	0	9
	1500	9	1	0	1	2	0	3	5	0	27	3	1	0	9
	1800	6	1	2	1	3	1	1	10	0	28	0	0	0	9
	2100	6	1	1	0	6	1	2	10	0	24	3	0	0	7
	TOTAL	59	9	13	12	26	7	22	86	0	203	30	1	0	8
حبانية HABBANIYA	0000	2	2	3	0	0	0	5	2	17	18	2	0	0	5
	0300	0	3	2	0	0	0	7	10	9	19	3	0	0	5
	0600	3	2	2	1	1	1	8	10	3	21	6	1	0	9
	0900	5	3	1	1	3	0	11	7	0	17	2	2	0	10
	1200	1	2	3	3	5	1	7	9	0	19	10	2	0	10
	1500	2	1	2	2	1	2	8	9	4	13	14	0	0	9
	1800	1	1	3	2	0	0	8	4	12	15	4	0	0	8
	2100	2	3	3	1	1	0	8	2	11	17	3	0	0	8
	TOTAL	16	17	19	10	11	4	62	53	56	133	54	5	0	7

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BLE 14-a.

مايس ١٩٦٢

الهطول اليومي (ملليمترات)

DAILY PRECIPITATION (MILLIMETERS) , tr. <0.05 mm.

التاريخ	بغداد	موصل	سنجار	كركوك	خانقين	رطبة	حي	ديوانية	ناصرية	بصرة	[illegible]
TE	BAGH-DAD	MOSUL	SINJAR	KIRKUK	KHA-NAQIN	RUTBAH	HAI	DIWA-NIYA	NASI-RIYA	BAS-RAH	HABB-ANIYA
1						tr.					
2			0.2								
3		tr.	tr.								
4											
5		tr.		0.6			tr.		0.9		
6										tr.	
7											
8				tr.	0.3	3.0	tr.		tr.	0.1	
9	tr.					tr.					
10		0.4	13.6	0.4		tr.			0.3		tr.
11											
12											
13											
14											
15											
16											
17											
18											
19											
20	tr.										
21											
22											
23											
24						tr.		3.2	tr.		
25			tr.	tr.							
26											
27		tr.	tr.								
28											
29											
30											
31											
TOTAL	tr.	0.4	13.8	1.0	0.3	3.0	tr.	3.2	1.2	0.1	tr.
NORMAL	3.3	16.6	28.6	9.4	17.2	7.4	5.9	5.8	5.5	6.6	2.8
MAX. FALL IN 24 HOURS	65.0	38.6	78.5	41.4	32.6	46.6	28.7	25.6	40.2	35.6	10.8
DATE	9th	2nd	20th	8th	6th	12th	5th	25th	15th	8th	12th
YEAR	1959	1927	1959	1957	1950	1957	1949	1957	1945	1950	1950

MAY 1962 .

TABLE 14-b.

مايس ١٩٦٢

الهطول اليومي (ملليمترات)

DAILY PRECIPITATION (MILLIMETERS) , tr. < 0.05 mm.

التاريخ	راوندور	تلعفر	بكرجو	حليجة	صلاح الدين	مندلي	افراز	دوكان	باوجر
DATE	RAWA-NDUZ	TELA-AFAR	BAK-RAJO	HALABJA	SALAH ALDIN	KANDILY	IFRAZ	DUKAN	BAWNOOR
1									
2									
3									
4					tr.				
5				3.0					
6									
7	25.0			1.0					
8			6.0					3.0	1.0
9									
10		3.0			tr.			1.0	1.5
11					7.0		2.6		
12									
13				1.0					
14						8.0			
15									
16									
17									
18				2.0					
19									
20									
21									
22									
23									
24									
25					tr.				
26									
27									
28									
29									
30									
31									
TOTAL	25.0	3.0	6.0	7.0	7.0	8.0	2.6	4.0	2.5

NOTE: THE FOLLOWING STATIONS HAD NO RAINFALL AT ALL, AND, THE TOTAL IS 0.0 mm.

STATIONS; TELAWAINAT, HAWIJAH, IFTIKHAR, BAKOBA, HIT, KARBALAA, KUT, NUKHAIB, MAQIL, JALAWLAA, SWAQLAWA, KADIRKARAM, ALEITHAIM, ZIBAR, K2 , FATHA.

ملاحظة : لم يسقط مطر خلال الشهر في المحطات التالية ولذا مجموع الشهري للمطر يكون صفرا

المحطات : تل عوينات ، حويجة ، افتخار ، بعقوبة ، هيت ، كربلاء ، كوت ، نخيب ، معقل ، جلولاء ، شقلاوة ، قادركرم ، العظيم ، زيبار ، ك٢ وفتحة .

MAY 1962 .

TABLE 14-c.

(12) مايس ١٩٦٢

الهطول اليومي (ملليمترات)

DAILY PRECIPITATION (MILLIMETERS) . Tr. <0.05 mm.

التاريخ	ميركة سور	كوسنجق	قرة داغ	دبانا	طوسان	كفري	طقطق
DATE	MERGA-SOOR	KOISINJAN?	QARA-DA'H	DLABA	TUSAN	KOUFRI	TAQTAQ
1							
2							
3							
4			Tr.				
5	5.0		Tr.	1.6			
6							
7							
8			1.7			2.0	7.0
9		3.0					
10	2.1		1.3	3.0	2.0		
11	5.3			0.5			
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL	12.4	3.0	3.0	5.1	2.0	2.0	7.0

MAY 1962 . مايس ١٩٦٢

TABLE - 15.

CLIMATOLOGICAL SUMMARY : الملخصات المناخية

No. OF DAYS OF PHENOMENAS : عدد الايام التي حدثت فيها الظواهر الجوية

STATIONS	RAIN	SNOW	HAIL	THUNDER STORM	FOG	DUST	STATE OF SKY CLEAR	STATE OF SKY CLOUDY
BAGHDAD	0	0	0	1	0	1	22	0
MOSUL	1	0	0	1	0	0	10	0
SINJAR	2	0	0	0	0	0	7	0
KIRKUK	2	0	0	1	0	0	17	0
KHANAQIN	1	0	0	1	0	0	13	0
RUTBAH	1	0	0	1	0	0	19	0
HAI	0	0	0	1	0	0	18	2
DIWANIYA	1	0	0	1	0	0	23	0
NASIRIYA	2	0	0	2	0	1	24	0
BASRAH	0	0	0	3	0	0	22	0
HABBANIYA	0	0	0	0	0	0	19	0

TABLE - 16.

DURATION OF SUNSHINE : مدة سطوع الشمس

STATIONS	MONTHLY TOTAL SUNSHINE HOURS	MAX. SUNSHINE IN ONE DAY HOURS	MAX. SUNSHINE IN ONE DAY DATE	No. OF DAYS WITHOUT SUNSHINE
BAGHDAD	359.8	13.3	17&28th	0
MOSUL	335.0	13.3	11th	0
BASRAH	333.5	12.9	18th	0
HABBANIYA	357.7	13.2	28th	0

TABLE - 17. المعدل الشهري لحرارة العشب والتربة واقصى سرعة للريح السطحي خلال ساعة

MONTHLY MEAN OF : and , HIGHEST WIND SPEED (GUST) IN KNOTS

STATIONS	MEAN GRASS MINIMUM C° TEMPERATURES	MEAN EARTH TEMPERATURES 0.3 M	MEAN EARTH TEMPERATURES 1.2 M	HIGHEST WIND SPEED	DIRECTION	TIME GMT.	DATE
BAGHDAD	16.4	28.7	24.2	25	120	0900	2nd
MOSUL	,,,,	28.3	22.9	45	290	1200	8th
SINJAR	,,,,	,,,,	,,,,	48	320	0900	9th
KIRKUK	14.0	24.6	21.1	40	210	1200	8th
KHANAQIN	,,,,	,,,,	,,,,	35	180	1500	25th
RUTBAH	,,,,	,,,,	,,,,	28	290	0000	25th
HAI	17.8	,,,,	,,,,	30	120	1200	8th
DIWANIYA	,,,,	,,,,	,,,,	25	130	0600	2nd
NASIRIYA	21.7	31.9	26.3	25	330	1500	24t
BASRAH	16.9	,,,,	,,,,	48	180	1500	8th
HABBANIYA	18.7	30.6	25.5	30	260	1200	25th

TABLE 18-a.

Month: May 1962.

RADIOSONDE OBSERVATIONS AT STANDARD LEVELS (TIME 0001 G.M.T.) AT BAGHDAD AIRPORT

	1000 - mbs.					850 - mbs.					700 - mbs.					600 - mbs.					500 - mbs.				
DATE	HHH	TT	T_dT_d	dd	ff	HHH	TT	T_dT_d	dd	ff	HHH	TT	T_dT_d	dd	ff	HHH	TT	T_dT_d	dd	ff	HHH	TT	T_dT_d	dd	ff
1																									
2	NO RADIOSONDE																								
10																									
11	008	20	09	-	-	147	13	53	-	-	306	51	59	-	-	427	59	74	-	-	566	68	83	-	-
12	012	21	09	34	06	152	20	54	32	25	312	05	63	29	18	437	53	70	28	27	579	62	78	27	36
13	012	26	06	36	19	154	19	52	36	12	316	06	63	01	21	441	52	71	34	20	583	60	81	-	-
14	010	24	10	33	10	152	18	53	32	26	313	05	64	32	27	437	54	75	32	31	578	65	84	32	38
15	007	24	12	30	08	150	21	02	25	30	313	05	57	25	30	438	52	70	25	36	579	63	80	25	45
16	010	25	11	36	17	152	20	51	34	26	316	09	65	33	24	441	00	69	33	15	584	60	77	33	26
17	010	27	06	35	05	154	23	00	04	07	318	09	63	05	05	444	02	73	07	05	588	60	81	-	-
18	007	26	15	-	-	152	25	03	-	-	317	10	63	-	-	442	51	73	-	-	585	62	82	-	-
19	006	30	14	01	18	151	26	53	01	08	317	10	59	35	11	443	51	65	35	11	585	62	74	33	11
20	005	27	11	32	08	148	23	53	30	13	314	10	62	26	25	439	00	73	26	29	582	61	87	-	-
21	005	32	15	36	13	151	23	54	02	09	315	09	06	02	18	440	52	58	-	-	581	65	66	-	-
22	006	30	15	01	10	151	25	01	35	17	317	11	57	27	13	443	02	66	27	12	587	58	73	27	14
23	005	30	17	-	-	151	27	53	-	-	317	12	59	-	-	443	00	63	-	-	587	59	73	-	-
24	003	30	19	15	08	150	27	54	12	08	316	11	67	10	09	445	00	71	10	14	584	62	70	-	-
25	001	-	-	-	-	145	29	02	10	15	313	13	56	17	08	439	01	59	12	16	582	61	71	-	-
26	000	25	12	30	14	145	19	55	28	18	309	09	69	27	20	435	01	77	-	-	578	61	80	-	-
27	005	27	15	10	05	148	20	02	19	07	311	05	58	25	28	435	51	72	25	20	578	62	82	-	-
28	007	26	14	32	09	150	18	52	25	20	312	05	60	24	25	436	53	71	24	20	578	63	81	-	-
29	008	28	10	02	12	151	21	01	35	16	313	08	59	33	21	438	00	70	33	28	582	60	81	-	-
30	008	30	14	04	20	152	23	52	03	09	317	09	60	27	17	442	53	65	28	29	583	63	76	-	-
31	006	31	11	07	15	151	24	01	06	12	316	10	60	05	14	442	02	69	04	14	586	59	83	-	-
MEANS	007	26	12		12	150	22	01		16	314	08	60		19	440	01	69		20	581	61	78		28

NOTES:- Heights are in Decametere in all levels. Temperatures and Dew Point are in Degrees Centigrade. Temperatures and Dew Point below freezing 50 is added. The Sign (-) means not available or not recorded.

TABLE 18-b.

Month: May 1962

RADIOSONDE OBSERVATIONS AT STANDARD LEVELS (TIME: 0001 G.M.T.) AT BAGHDAD AIRPORT

	400 - mbs.,					300 - mbs.,					200 - mbs.,					150 - mbs.,					100 - mbs.,				
DATE	HHH	TT	T_dT_d	dd	ff	HHH	TT	T_dT_d	dd	ff	HHHH	TT	T_dT_d	dd	ff	HHHH	TT	T_dT_d	dd	ff	HHHH	TT	T_dT_d	dd	ff
1																									
TO	NO RADIOSONDE																								
10																									
11	728	82	96	-	-	926	90	03	-	-	1198	00	12	-	-	1384	04	16	-	-	1642	09	20	-	-
12	746	74	90			949	89	03			1217	06				1398	09				1649	14			
13	751	75	92			955	88	04			1223	05	18			[illegible]	11				1653	15			
14	743	77	95			944	92	06			1208	06	19			[illegible]	09				1639	15			
15	745	76	95			945	92	07			1211	03	16			[illegible]	07	20			1649	13			
16	752	73	90			955	91	03			1219	08	18			1399	10				1651	12			
17	755	74	90			958	90	02			1223	09	19			1403	09	19			1654	15			
18	751	76	93			952	92	07			1218	04	17			1400	09				1650	17			
19	752	74	87			956	90	01			1220	07	17			1400	13				1650	12			
20	750	73	96			954	89	07			1222	04				1404	09								
21	746	77	78			946	92	93			1212	06	06			1394	07	08			1650	10	12		
22	757	71	88	26	18	962	87	00			1231	07	17			1414	06				1667	14			
23	755	73	83			961	86	98			1231	02	13			1416	08	19							
24	752	72	87			958	85	97			1229	05	20			1411	09				1663	15			
25	750	74	87			953	89	00			1219	07	16												
26	745	74	91			948	91	05			1216	01	15			1402	05	20			1654	15			
27	744	74	91			947	89	02			1218	98	10			1404	08								
28	744	74	94			948	88	03			1219	99	13			1403	09	22			1654	16			
29	750	70	88			956	86	03			1213	98	12			1417	07	21			1668	16			
30	750	74	94			955	84	02			1232	97	14			1418	09	25							
31	754	71	91			959	88	05			1234	99	15			1417	13				1660	22			
MEANS	749	74	90			952	89	02			1220	03	15			1404	09	19			1654	14	16		

TABLE 19-a.

Month: May 1962 .

BAGHDAD AIRPORT

Frequency of Horizontal Visibility

T I M E - G . M . T

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -200M																									
>200 -500M																									
>500 -1000M								1/1						1/1											2
>1000 -1500M																									
>1500 -3000M									1		1	1			1		1	2							7
>3 -5KM			1		4	4	3	1		1	1		2	2	3	1	3	4							30
>5 -10KM	2	1	8	14	16	13	9	6	7	8	5	5	5	3	3	6	12	7	4	1		1	1	2	138
>10 -15KM	7	11	14	12	9	11	14	16	13	9	7	5	3	3	3	10	13	17	21	16	16	10	8	11	259
>15KM	22	19	8	5	2	3	5	7	10	13	17	20	21	22	21	14	2	1	6	14	15	20	22	18	308
Total	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	744

NOTE: In fields containing two numbers the first one gives the cases with dust in the air. the second number shows the total.

Frequency of different heights of cloud-base (amount 5-8 Oktas)

Height	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -50M																									
>50 -150M																									
>150 -300M																									
>300 -500M																									
>500 -900M				1																					1
>900	31	31	31	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	743

TABLE 19-1.

BASRAH AIRPORT

Month: May 1962 .

Frequency of Horizontal Visibility

T I M E - G . M . T .

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -200M																									
>200 -500M																									
>500 -1000M																									
>1000 -1500M										1															1
>1500 -3000M			1	1			1	1	1	2	2	2	2	2	1	1	2	1							20
>3 -5KM			1	1	1	1	1		1					1/2	2	1		1	1	1	1	1	1		17
>5 -10KM	1/3	1/4	1/3	1/2	1/4	2/4	1/2	1/2	2/3	1	1/2	1	1/2	1	1/2	2/3	1/4	1/2	3	3/5	3/4	2/5	2/3	2/3	68
>10 -15KM	2	1	6	7	5	2	3	6	6	6	7	8	7	7	7	9	10	7	7	4	4	2	3	1	127
>15KM	26	26	20	20	21	24	24	22	20	21	20	20	20	19	19	17	15	20	20	21	22	23	24	27	511
Total	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	744

NOTE: In fields containing two numbers the first one gives the cases with dust in the air. the second number shows the total.

Frequency of different height of cloud-base (amount 5-8 Oktas)

Height	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -50M																									
>50 -150M																									
>150 -300M																									
>300 -500M																									
>500 -900M																									
900M	3	3	4	5	6	4	4	6	7	5	4	6	6	7	6	7	5	4	3	3	1	2	2	4	107

TABLE 20-a.

Month: May 1962 .

BAGHDAD AIRPORT

Simultaneous occurrences of specified visibility ranges and specified lowest cloud-base (≥5 Oktas)

HEIGHT METERS	VISIBILITY 0-200M			>200-500M			>0.5-1KM			>1-1.5KM			>1.5-3KM			>3-5KM			>5-10KM			>10-15KM			>15KM			TOTAL		
0-50																														
>50-150																														
>150-300																														
>300-500																														
>500-900																						1						1		
<5/8 OR *																							1							1
>900																3	2	14	9	7	11	14	22	5	5	31	30	31
AND >5/8															1	2	1	8	5	6	9	3	10	13	21	14	31	31	31
																	7	4	1	49	21	10	85	6	20	106	31	31	247
TOTAL																	3	2	14	9	7	12	14	22	5	5	31	31	31
															1	2	1	8	5	6	9	3	10	13	21	14	31	31	31
																	7	4	1	49	21	10	86	6	20	106	31	31	248

NOTE:

The nine fields for each combination of visibility and height contain the number of occurrences for different times using the following model :

00	03	06
09	12	15
18	21	To

G.M.T

To= Total for all hours

*ALL CASES WITH CLOUD AMOUNT OF LESS THAN 5/8 ARE ENTERED HERE.

TABLE 20-b.

Month: May 1962.

BASRAH AIRPORT

Simultaneous occurrences of specified visibility ranges and specified lowest cloud-base (≥5 Oktas)

HEIGHT	VISIBILITY																												
METERS	0-200M			>200-500M			>0.5-1KM			>1-1.5KM			>1.5-3KM			>3-5KM			>5-10KM			>10-15KM			>15KM			TOTAL		
0-50																														
>50-150																														
>150-300																														
>300-500																														
>500-900																														
<5/8 OR *													2	1		1	1	3	2	2	2	7	3	26	19	24	31	31	31
> 900										1			2	2	1		1	1	2	3	6	7	9	21	20	17	31	31	31
AND 5/8											1			8	1	1	5	3	5	21	7	2	43	20	23	170	31	31	248
													2	1		1	1	3	2	2	2	7	3	26	19	24	31	31	31
TOTAL										1			2	2	1		1	1	2	3	6	7	9	21	20	17	31	31	31
											1			8	1	1	5	3	5	21	7	2	43	20	23	170	31	31	248

NOTE:

The nine fields for each combination of visibility and height contain the number of occurrences for different times using the following model :

00	03	06
09	12	15 G.M.T
18	21	To

To= total for all hours.

*ALL CASES WITH CLOUD AMOUNT OF LESS THAN 5/8 ARE ENTERED HERE.

الجمهورية العراقية

وزارة المواصلات

مديرية الطيران المدنى العامة

REPUBLIC OF IRAQ

MINISTRY OF COMMUNICATIONS

DIRECTORATE GENERAL OF CIVIL AVIATION

مديرية الانواء الجوية

METEOROLOGICAL DEPARTMENT

شعبة احصائيات المناخ

CLIMATOLOGICAL SECTION

تقرير المناخ الشهرى

Monthly Climatological Data

No. 6
Vol. 25
Month June
Year 1962

العدد ٦
مجلد ٢٥
الشهر حزيران
السنة ١٩٦٢

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METEOROLOGICAL DEPARTMENT

CLIMATOLOGICAL SECTION

B A G H D A D

معلومات مناخية شهرية لشهر حزيران ١٩٦٢

MONTHLY CLIMATOLOGICAL DATA FOR JUNE 1962

مجلد ٢٥ ، عدد (٦) حزيران ١ ٩ ٦ ٢ .

VOLUME 25 , No. (6) , JUNE 1 9 6 2 .

CONTENTS

	TABLE	PAGE
Daily mean temperatures	1	1
" " pressure at M.S.L.	2	2
" " relative humidity	3	3
Daily maximum and minimum temperatures	4ab	4-5
Monthly mean dry-bulb temperatures	5	6
" " wet-bulb "	6	6
" " pressure at M.S.L.	7	6
" " relative humidity	8	6
" " vapour pressure	9	7
" " dew-point	10	7
" " low cloud amount	11	7
" " total cloud amount	12	7
Surface-wind , number of observations of	13ab	8-9
Daily precipitation	14ab	10-11
Climatological summary	15	12
Duration of sunshine	16	12
Monthly mean temperatures of grass & earth with highest wind-speed in one hour	17	12
Baghdad radiosonde observations	18ab	13-14
Frequency of horizontal visibility at Baghdad & Basrah.	19ab	15-16
Combined statistics of visibility & cloud - base at Baghdad & Basrah	20ab	17-18

المحتويات

المعدل اليومي لدرجات الحرارة
" " للضغط الجوي على سطح البحر
" " للرطوبة النسبية
درجات الحرارة العظمى و الصغرى اليومية
المعدل الشهري لدرجات الحرارة للجملة الجافة
المعدل " " " الرطبة
" " للضغط الجوي على سطح البحر
" " للرطوبة النسبية
" " لضغط البخار
" " لدرجة الندى
" " لكمية الغيوم
" " لمجموع كمية الغيوم
عدد تكرار رصدات الرياح السطحية
الهطول اليومي
الملخصات المناخية
مدة سطوع الشمس بالساعات
المعدل الشهري لحرارة الحشيش و التربة و اقصى سرعة ريح خلال ساعة
رصدات الراديوسوند في بغداد
تكرارات كل من مدى الرؤيا و ارتفاع الغيوم في بغداد و البصرة
احصائيات مزدوجة لمدى الرؤيا و لقاعدة الغيوم في بغداد و البصرة

حزيران ١٩٦٢

E 1962 .

BLE - 1 .

المعدل اليومي لدرجات الحرارة (سنتغراد)

DAILY MEAN TEMPERATURES (C°) OF 8 OBSERVATIONS

التاريخ	بغداد	موصل	سنجار	كركوك	رطبة	حي	ديوانية	ناصرية	بصرة	حبانية
TE	BAGH-DAD	MOSUL	SINJAR	KIRKUK	RUTBAH	HAI	DIWA-NIYA	NASI-RIYA	BASRAH	HABBA-NIYA
1	36.4	33.1	35.0	36.7	31.9	34.9	35.9	37.2	34.7	39.6
2	35.1	34.4	35.6	37.3	32.8	37.1	37.4	36.9	35.8	35.3
3	35.5	32.9	35.4	35.5	32.9	36.2	37.9	35.4	37.0	34.9
4	34.0	32.4	37.5	35.4	30.4	35.5	36.9	35.4	35.6	35.0
5	32.8	30.5	33.2	34.0	30.5	34.2	33.0	34.7	35.1	35.2
6	33.5	30.3	32.9	32.9	30.6	35.4	33.7	34.5	33.9	34.8
7	33.4	30.8	30.2	31.8	32.1	35.8	34.1	34.2	33.9	34.5
8	30.9	27.7	25.1	28.2	27.0	32.8	30.4	32.0	32.6	30.9
9	26.5	25.7	22.7	24.7	22.2	29.2	27.4	28.0	29.2	27.0
10	26.3	25.7	24.9	25.7	22.3	28.8	26.9	26.3	27.1	26.5
11	30.7	27.8	29.4	29.0	27.2	32.1	29.9	27.6	28.5	29.3
12	33.8	30.4	35.2	31.6	30.5	36.9	33.0	32.6	31.6	33.0
13	37.1	31.0	35.5	35.0	33.0	36.5	35.9	35.6	32.5	35.5
14	35.9	32.3	33.1	35.7	30.8	37.0	36.0	35.7	34.3	35.0
15	32.6	28.8	29.8	31.1	26.4	36.5	34.0	35.3	34.0	31.9
16	33.4	28.6	30.4	31.0	28.6	33.6	33.9	35.9	34.2	32.2
17	32.6	30.9	31.4	32.6	28.1	36.7	34.3	36.0	35.9	33.2
18	32.3	31.7	31.2	33.0	28.7	34.4	31.9	32.7	33.6	32.3
19	33.1	31.1	33.1	33.3	29.8	36.5	33.4	32.9	33.2	32.7
20	34.0	30.5	33.8	33.2	30.8	36.1	34.8	33.8	32.6	33.4
21	34.7	31.6	34.4	34.4	29.9	36.5	34.9	35.7	34.2	34.4
22	36.5	32.6	35.1	34.9	31.3	37.6	35.6	35.9	34.5	35.9
23	36.3	33.2	35.9	34.6	31.0	37.4	37.3	35.3	33.6	34.5
24	34.1	33.8	35.2	34.1	30.5	35.7	34.7	34.5	33.1	34.5
25	34.5	33.5	34.1	34.3	30.7	37.3	33.8	34.4	33.9	33.6
26	34.7	32.2	34.5	34.2	31.8	37.8	35.3	36.7	34.3	33.9
27	36.0	33.5	36.9	36.1	32.5	36.2	35.4	36.4	34.6	35.3
28	34.8	33.5	35.1	34.3	31.3	37.6	35.3	36.2	34.7	34.6
29	35.5	33.5	35.8	35.2	31.7	36.3	34.7	35.0	34.4	36.3
30	36.6	35.1	36.5	35.8	32.6	36.9	35.7	35.6	31.0	35.7
EANS	33.8	31.3	33.0	33.2	30.0	35.5	34.1	34.3	33.5	33.6
ORMAL	32.0	29.7	33.0	31.9	27.8	34.4	32.1	32.6	32.7	32.7
EARS OF ORMAL	1937	1923	1962 1962	1935	1928 to 1956	1940	1939	1940	1937	1935

OTE:

TIME G.M.T.

0000+0300+0600+0900+1200+1500+1800+2100 = DAILY MEAN

حزيران 1962

المعدل اليومي للضغط الجوي على سطح البحر (بالمليبارات)

DAILY MEAN PRESSURE (MILLIBARS) AT M.S.L.

DATE	BAGHDAD	MOSUL	SINJAR	KIRKUK	RUTBAH	HAI	DIWANIYA	NASIRIYA	BASRAH	HABBANIYA
1	1004.0	1006.0	1005.7	1005.1	1004.7	1003.6	1003.7	1003.9	1004.1	1003.5
2	02.9	05.4	05.2	03.7	04.7	02.6	02.3	02.6	03.7	03.2
3	00.1	02.9	02.7	02.3	02.9	00.4	00.7	00.4	01.5	01.6
4	998.2	00.1	00.2	998.6	02.7	997.4	998.1	998.0	999.1	999.1
5	98.9	999.8	996.7	98.6	02.5	98.4	99.3	99.4	00.1	99.7
6	02.5	03.1	01.9	02.4	05.4	01.1	02.6	02.2	02.5	02.8
7	05.8	05.7	04.8	06.0	06.3	05.2	05.6	05.5	05.4	05.5
8	07.6	06.2	06.3	06.8	08.0	05.7	06.5	05.9	05.8	07.3
9	08.0	06.2	05.8	07.1	10.8	06.2	07.8	06.6	05.9	08.7
10	08.8	09.4	10.4	09.5	12.5	06.5	08.4	07.1	06.2	09.5
11	07.1	09.1	08.9	08.1	10.3	05.2	06.0	04.2	05.7	08.0
12	05.7	08.7	08.5	07.9	08.7	02.5	05.4	02.8	02.6	07.4
13	03.5	07.0	[illegible]	[illegible]	05.6	00.7	02.5	01.1	01.3	04.8
14	01.6	02.6	03.0	01.9	04.6	99.7	00.9	00.2	00.8	02.3
15	04.9	05.4	05.1	05.1	07.2	02.6	03.9	02.6	04.4	05.5
16	04.6	05.9	04.7	05.7	05.3	03.2	03.5	03.2	03.5	04.8
17	02.2	04.2	04.2	03.1	05.9	00.9	01.9	01.6	02.3	03.1
18	03.5	05.2	04.9	03.9	05.7	02.1	03.4	03.0	03.0	04.0
19	02.7	04.4	04.1	03.2	04.6	00.7	02.3	01.7	01.8	03.4
20	01.5	03.4	02.9	02.5	02.9	99.4	01.3	00.5	00.1	02.3
21	02.5	04.7	04.2	03.8	04.9	02.0	02.0	01.2	01.2	03.1
22	03.6	06.4	05.8	04.7	06.5	02.1	03.2	02.7	02.9	04.4
23	01.9	02.4	02.4	02.1	04.7	00.0	00.8	00.8	03.1	02.5
24	00.7	00.8	00.6	00.9	03.9	98.8	00.4	99.7	99.7	01.5
25	01.1	01.3	01.4	01.1	02.9	99.3	00.9	00.1	99.8	01.6
26	99.6	00.9	01.0	00.3	01.8	98.4	99.3	98.9	98.9	99.0
27	98.4	99.1	97.5	98.4	01.0	97.5	98.3	98.5	98.6	00.4
28	98.2	98.4	98.0	98.3	01.4	96.9	98.2	97.6	97.7	99.1
29	97.8	98.4	98.1	97.6	01.1	96.7	98.1	97.5	97.5	98.6
30	97.8	98.5	96.7	97.8	00.6	96.6	97.8	97.4	97.3	98.6
MEANS	1002.5	1003.7	1003.3	1003.1	1005.1	1001.1	1002.2	1001.6	1001.9	1003.1
NORMAL	1002.9	1003.3	1003.3	1002.5	1006.1	1001.7	1002.0	1001.7	1000.9	1003.2

	1962					RECORDS				
STATIONS	HIGHEST	DAY	TIME	YEAR	LOWEST	DAY	TIME	YEAR	HIGHEST	LOWEST
BAGHDAD	1010.2	10th	0600	1962	995.[illegible]	4th	1500	1962	1013.1	992.5
MOSUL	1012.1	11	0300	1962	995.[illegible]	28	1500	1962	1017.1	992.8
SINJAR	1010.8	10	0600	1962	995.[illegible]	28	1500	1962	1010.8	995.8
KIRKUK	1010.6	10	2100	1962	995.[illegible]	29	1500	1962	1014.4	991.2
RUTBAH	1014.1	10	0600	1962	995.[illegible]	30	1500	1962	1018.3	997.3
HAI	1007.9	10	0600	1962	996.8	30	1200	1962	1012.6	992.3
DIWANIYA	1009.7	10	0600	1962	996.1	30	0000	1962	1012.7	992.9
NASIRIYA	1008.3	10	0600	1962	996.4	30	0300	1962	1012.4	993.2
BASRAH	1012.1	18	0000	1962	997.7	29	1500	1962	1011.7	992.4
HABBANIYA	1010.6	10	0600	1962						
BAGHDAD	1013.1	4th	0600	1037	992.5	29th	1500	1960		
MOSUL	1017.1	1	0300	1952	992.8	29	1800	1960		
SINJAR	1010.8	10	0600	1962	995.8	28	1500	1962		
KIRKUK	1014.4	1	0300	1952	991.2	1	1500	1951		
RUTBAH	1018.3	1	0300	1952	997.3	30	1200	1944		
HAI	1012.6	1	0300	1952	992.3	29	1500	1960		
DIWANIYA	1012.7	1	0600	1952	992.9	29	1500	1960		
NASIRIYA	1012.4	8	1800	1942	993.2	29	1500	1960		
BASRAH	1011.7	9	0600	1942	992.4	29	1500	1960		

JUNE 1962.

TABLE - 3.

(٣) حزيران ١٩٦٢

المعدل اليومي للرطوبة النسبية (٪)

DAILY MEAN RELATIVE HUMIDITY (%) OF 8 OBSERVATIONS

التاريخ	بغداد	موصل	سنجار	كركوك	رطبة	حي	ديوانية	ناصرية	بصرة	حبانية
DATE	BAGH-DAD	MOSUL	SINJAR	KIRKUK	RUTBAH	HAI	DIWA-NIYA	NASI-RIYA	BASRAH	HABBA-NIYA
1	25	33	23	13	14	41	24	25	53	20
2	29	28	22	12	14	35	26	27	46	23
3	25	31	31	13	13	38	22	39	58	26
4	25	32	31	15	16	43	29	42	61	22
5	25	35	36	18	16	33	32	31	57	26
6	23	36	37	17	18	29	29	27	50	28
7	25	31	30	19	12	27	30	31	49	34
8	20	35	40	21	16	30	26	26	51	38
9	27	32	28	23	26	38	28	30	37	47
10	27	30	29	21	17	31	23	30	43	26
11	20	33	24	15	17	23	22	30	44	19
12	24	36	19	20	15	19	23	23	40	23
13	20	38	18	17	11	27	18	24	48	21
14	24	29	28	14	13	26	24	24	34	27
15	21	33	34	16	18	25	25	20	45	31
16	18	33	36	16	13	36	23	22	46	31
17	22	31	34	16	14	28	22	22	40	24
18	19	32	39	19	12	24	22	24	41	17
19	20	34	39	18	12	27	24	23	45	21
20	19	31	37	16	13	23	21	22	51	22
21	19	29	39	12	16	22	25	19	44	25
22	16	27	39	13	13	20	21	22	40	18
23	18	25	25	12	10	22	23	22	48	23
24	19	26	18	15	14	24	23	22	38	21
25	20	26	18	14	16	22	26	22	38	26
26	22	35	22	17	15	27	30	21	37	26
27	20	39	20	16	16	28	27	20	46	22
28	24	31	26	16	19	25	26	19	39	23
29	25	32	27	16	18	26	26	19	47	23
30	20	31	29	18	14	25	25	20	47	26
MEANS	22	32	29	16	15	28	25	25	45	25
NORMAL	23	32	29	22	26	23	29	38	50	25

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STATIONS	HIGHEST	TIME GMT.	DAY	LOWEST	TIME GMT.	DAY
BAGHDAD	47	0300	2nd	7	1200	23rd
MOSUL	73	0300	5	10	1200	2
SINJAR	47	0300	7	14	1500	23
KIRKUK	43	0300	9	4	2500	25
RUTBAH	49	0300	9	4	1200	18&19
HAI	67	0300	10	12	1200	21
DIWANIYA	49	0300	7	9	1200	23
NASIRIYA	73	2100	3	6	1200	14
BASRAH	92	0300	4	11	0900	14
HABBANIYA	59	0300	9	6	0900	22

JUNE 1962 .

TABLE 4-a .

حزيران ١٩٦٢

درجات الحرارة العظمى والصغرى اليومية (سنتغراد)

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

	بغداد		موصل		سنجار		كركوك		خانقين		رطبة	
	BAGHDAD		MOSUL		SINJAR		KIRKUK		KHANAQIN		RUTBAH	
التاريخ	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DATE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	44.8	28.5	44.2	21.8	39.8	29.2	43.4	29.4	44.4	27.2	40.7	23.3
2	46.4	25.5	44.6	20.2	38.6	30.2	44.0	31.0	45.6	25.6	42.0	20.0
3	43.8	24.9	42.6	20.6	39.1	30.2	41.1	28.7	43.3	24.4	40.7	24.4
4	43.7	25.4	41.0	23.2	37.6	27.2	42.0	29.3	43.3	25.0	38.0	21.5
5	41.6	22.1	40.2	17.9	37.3	27.1	40.4	29.0	41.6	25.0	37.6	23.0
6	41.7	23.0	40.2	18.4	36.6	25.3	39.5	24.8	40.6	23.9	38.0	22.4
7	41.1	25.4	38.5	20.6	34.4	25.3	39.0	24.0	40.6	21.7	40.7	20.8
8	35.8	25.1	34.4	19.9	29.6	19.2	34.3	22.5	36.7	21.7	34.8	20.5
9	31.9	20.5	31.7	19.4	28.2	18.5	30.9	19.9	32.2	17.8	28.2	15.7
10	33.4	17.7	34.4	15.5	29.6	17.5	32.1	15.8	33.9	15.0	29.2	14.4
11	37.6	18.8	37.0	13.1	32.5	23.2	35.7	20.7	37.8	17.2	36.2	14.7
12	41.5	22.7	40.8	15.2	37.3	27.2	39.0	21.4	42.2	18.9	40.2	18.6
13	44.6	29.2	42.8	18.4	39.6	28.0	42.2	25.6	43.3	24.4	42.0	21.0
14	44.1	23.2	43.5	20.4	37.1	29.6	43.9	26.3	44.4	23.3	38.0	25.0
15	39.4	23.7	38.6	16.1	32.7	25.4	38.1	22.3	40.0	26.1	33.0	18.4
16	39.2	24.4	38.6	18.0	33.5	25.3	37.7	21.5	40.6	20.6	37.8	17.2
17	41.9	24.9	40.1	18.4	34.7	26.3	39.8	25.1	42.2	23.9	35.5	20.2
18	40.0	23.2	39.6	20.6	35.1	24.3	39.0	27.4	40.0	21.7	37.4	17.7
19	41.3	21.2	40.4	20.4	36.5	25.3	38.5	27.8	41.1	22.2	39.0	18.5
20	42.8	22.0	41.4	18.0	37.6	28.1	40.4	24.1	42.2	21.1	39.6	20.2
21	43.3	21.8	42.4	19.4	38.6	28.3	41.4	24.5	43.3	21.7	37.9	21.2
22	44.1	27.2	43.2	19.4	39.3	28.1	42.0	26.7	45.0	23.3	40.0	20.0
23	44.5	26.7	43.8	19.0	39.5	28.6	42.2	24.5	43.9	23.9	38.8	21.4
24	43.8	23.5	43.4	23.0	39.0	30.2	42.3	25.1	42.8	23.9	39.2	20.4
25	43.8	24.3	43.2	23.2	37.8	27.6	41.9	24.8	42.8	21.7	39.7	21.1
26	44.1	22.1	43.3	19.4	38.6	25.3	41.8	26.1	42.8	22.2	40.2	21.3
27	45.6	22.3	44.6	21.4	40.6	30.1	42.8	26.5	43.8	25.0	41.0	23.0
28	44.1	23.7	42.6	22.2	38.8	27.2	41.9	26.5	43.3	25.6	38.6	22.3
29	44.2	25.0	43.4	20.4	39.2	27.8	41.9	27.1	42.8	23.9	39.7	23.0
30	45.3	27.2	43.8	20.2	39.6	29.2	43.8	27.5	43.9	25.0	41.2	23.5
MEANS	42.0	23.8	40.9	19.5	36.6	26.8	40.1	25.2	41.7	22.7	38.2	20.5
NORMAL	40.8	22.9	39.5	18.5	36.6	26.4	39.3	23.3	40.8	22.6	36.0	18.6

STATIONS	HIGHEST MAX. C°	DAY	YEAR	LOWEST MIN. C°	DAY	YEAR
BAGHDAD	48.3	18th	1949	14.4	4th	1943
MOSUL	47.6	23	1961	11.1	1	1952
SINJAR	40.6	27	1962	17.5	10	1962
KIRKUK	47.8	23	1961	13.9	2	1943
KHANAQIN	47.2	23	1961	10.0	6	1959
RUTBAH	44.5	17	1949	7.8	22	1936

JUNE 1962 .

TABLE 4-b .

حزيران ١٩٦٢

درجات الحرارة العظمى و الصغرى اليومية (سنتغراد)

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

	حي		ديوانيه		ناصرية		بصرة		حبانية	
	HAI		DIWANIYA		NASIRIYA		BASRAH		HABBANIYA	
التاريخ	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DATE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	43.8	23.8	46.3	24.2	46.7	25.8	43.1	27.0	46.1	25.8
2	45.0	23.4	47.0	26.3	46.7	27.6	43.3	26.8	46.7	24.8
3	43.0	26.0	46.3	30.5	43.2	27.3	44.7	28.3	46.4	23.9
4	41.4	25.6	43.6	26.4	42.5	28.4	41.8	27.7	43.9	25.9
5	40.8	23.0	41.8	23.6	43.0	26.8	40.0	27.1	43.4	27.6
6	41.6	24.4	42.2	24.4	43.3	26.0	41.0	26.7	42.8	26.7
7	41.0	25.9	42.4	23.0	43.2	26.0	40.6	27.5	43.1	24.6
8	37.7	25.0	37.0	24.6	39.4	26.0	38.6	27.4	36.6	23.9
9	33.6	23.7	34.0	20.6	33.9	21.5	34.8	23.6	32.0	22.0
10	33.3	20.2	33.7	20.1	32.1	20.5	31.9	22.8	33.7	18.4
11	38.2	20.2	37.8	20.5	33.5	20.4	36.0	21.3	37.2	19.5
12	42.3	25.7	42.1	22.5	42.7	21.3	39.6	23.5	42.2	21.6
13	43.6	26.4	45.0	27.4	45.9	23.0	42.6	24.3	46.1	24.0
14	44.0	24.8	45.3	24.6	46.5	24.8	45.5	24.6	45.9	24.0
15	42.8	28.0	42.0	25.0	45.0	27.2	42.5	26.7	40.0	23.4
16	41.4	25.0	42.8	24.8	44.3	24.0	42.4	27.8	41.1	21.4
17	44.0	23.7	42.5	26.7	47.7	26.5	44.6	26.4	41.8	25.3
18	40.3	23.2	40.8	23.0	41.7	23.6	39.5	28.0	41.1	22.8
19	40.8	23.5	42.1	22.0	41.2	23.1	40.4	25.5	42.1	22.8
20	42.0	24.4	43.5	22.3	42.7	23.9	38.8	26.2	43.4	22.8
21	44.3	25.2	44.6	23.0	45.8	23.7	41.8	23.6	45.0	25.0
22	43.6	25.0	45.2	24.3	46.0	26.6	42.7	26.5	45.1	26.7
23	44.0	26.0	44.6	25.0	44.7	25.8	39.8	25.4	45.1	23.9
24	43.0	23.5	43.2	25.0	45.5	23.9	41.5	26.2	43.9	25.7
25	43.5	26.2	43.7	23.1	44.1	24.0	42.3	25.2	43.5	24.6
26	44.0	26.2	45.2	24.2	46.4	25.9	42.5	26.2	44.4	23.5
27	42.8	25.8	44.4	24.8	46.0	26.0	42.5	26.0	45.5	25.4
28	44.0	26.4	44.5	24.9	46.8	25.8	42.8	26.6	43.8	26.4
29	42.8	24.7	43.7	25.1	44.0	26.0	42.0	27.2	44.5	26.8
30	43.9	25.0	44.8	25.6	45.0	25.3	42.6	28.0	45.3	27.3
MEANS	40.6	24.7	42.7	24.3	43.3	24.9	41.1	26.0	42.7	24.2
NORMAL	41.9	24.8	40.8	22.3	39.8	24.9	38.1	27.3	41.3	23.1

STATIONS	HIGHEST MAX. C°	DAY	YEAR	LOWEST MIN. C°	DAY	YEAR
HAI	49.5	26th	1942	18.3	1st	1943
DIWANIYA	47.0	2	1962	14.4	1	1942
NASIRIYA	48.3	27	1955	18.3	26	1943
BASRAH	48.2	26	1957	20.5	1	1952
HABBANIYA	48.9	24	1942	15.6	3	1943

TABLE - 5 . المعدل الشهري لدرجات الحرارة للبصلة الجافة (سنتغراد)

MONTHLY MEAN DRY-BULB TEMPERATURES (C°)

	TIME - G . M . T .								
STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	27.9	25.2	33.6	39.8	41.7	39.8	32.5	30.0	33.8
MOSUL	22.2	21.9	32.2	38.5	40.0	38.8	31.3	25.3	31.3
SINJAR	....	27.9	32.3	34.0	35.8	35.4	31.5	....	32.8
KIRKUK	27.5	26.6	34.3	38.1	39.3	38.1	32.2	29.1	33.2
KHANAQIN	....	24.6	36.3	39.7	41.1	40.1	33.6	....	34.8
RUTBAH	23.0	21.4	29.7	34.9	37.4	36.6	30.6	26.3	30.0
HAI	....	25.8	34.1	40.1	40.1	38.4	32.1	....	35.1
DIWANIYA	26.7	25.7	35.0	41.0	42.5	40.1	31.9	29.2	34.0
NASIRIYA	27.2	26.2	35.2	41.7	42.4	39.0	33.0	29.8	34.3
BASRAH	28.3	26.8	33.7	38.3	40.1	37.4	33.2	30.5	33.5
HABBANIYA	26.5	24.9	33.8	40.5	42.0	39.6	32.1	29.8	33.7

TABLE - 6 . المعدل الشهري لدرجات الحرارة للبصلة الرطبة (سنتغراد)

MONTHLY MEAN WET-BULB TEMPERATURES (C°)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	16.6	15.9	20.0	21.4	21.6	21.4	19.0	17.6	19.2
MOSUL	15.4	15.5	19.3	21.1	21.3	21.0	18.1	16.5	18.5
SINJAR	....	18.0	20.4	21.2	21.8	21.5	19.5	....	20.4
KIRKUK	15.2	15.3	18.7	19.4	19.2	18.5	17.2	16.0	17.4
KHANAQIN	....	13.8	19.5	20.4	21.1	20.4	18.1	....	18.9
RUTBAH	12.4	10.3	15.8	17.3	17.8	17.4	15.3	13.5	15.0
HAI	....	16.8	21.5	22.9	22.9	22.2	19.4	....	21.0
DIWANIYA	16.7	16.5	21.1	22.7	22.6	21.9	19.7	18.2	19.9
NASIRIYA	17.5	16.7	20.6	22.2	22.5	22.4	20.4	19.1	20.2
BASRAH	21.9	21.5	24.4	25.8	25.9	26.0	24.9	23.7	24.3
HABBANIYA	16.8	16.4	20.3	22.1	21.9	21.4	19.8	17.9	19.6

TABLE - 7 . المعدل الشهري للضغط الجوي على سطح البحر (ملليبارات)

MONTHLY MEAN PRESSURE (mbs.,) AT M.S.L.

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	02.1	03.0	03.4	03.5	02.2	01.5	02.4	02.4	1002.6
MOSUL	04.6	05.3	05.0	03.8	02.3	01.5	03.1	04.2	1003.7
SINJAR	....	04.5	04.3	04.0	02.8	02.2	03.5	....	1003.6
KIRKUK	03.7	04.3	03.8	03.0	01.6	01.2	02.8	03.7	1003.0
KHANAQIN	....	00.1	02.0	01.4	00.1	00.1	02.0	....	1001.0
RUTBAH	05.0	05.6	05.9	05.6	04.7	04.3	04.4	04.6	1005.0
HAI	....	04.2	01.7	01.5	00.5	00.0	00.8	....	1001.5
DIWANIYA	01.8	02.4	03.1	03.1	01.9	01.3	02.0	02.1	1002.2
NASIRIYA	01.1	01.7	02.5	02.2	01.1	00.8	01.6	01.4	1001.6
BASRAH	01.5	01.5	02.5	02.7	01.6	00.8	01.5	01.5	1001.7
HABBANIYA	03.0	03.7	04.3	03.9	02.3	02.0	02.9	02.9	1003.1

TABLE - 8 . المعدل الشهري للرطوبة النسبية (٪)

MONTHLY MEAN RELATIVE HUMIDITY (%)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	27	33	25	15	13	15	23	25	22
MOSUL	49	51	29	20	18	19	27	41	32
SINJAR	..	34	31	29	26	26	29	..	29
KIRKUK	21	25	17	12	9	9	16	20	16
KHANAQIN	..	24	16	12	12	11	16	..	15
RUTBAH	22	28	17	10	8	8	12	17	15
HAI	..	40	32	21	20	24	30	..	28
DIWANIYA	32	36	25	17	14	16	28	30	25
NASIRIYA	34	34	22	15	14	20	28	32	25
BASRAH	55	61	45	35	30	38	49	55	46
HABBANIYA	34	38	25	16	13	17	28	30	26

TABLE - 9 .

المعدل الشهري للضغط البخاري (ملليبارات)

MONTHLY MEAN VAPOUR-PRESSURE (mbs.)

STATIONS	TIME - G . M . T . 0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	9.9	10.6	13.0	11.2	12.0	11.2	11.4	10.4	11.0
MOSUL	13.1	13.4	13.8	13.8	13.1	13.1	12.3	13.1	13.2
SINJAR	...	12.7	15.0	14.8	15.3	14.8	13.4	...	14.3
KIRKUK	7.6	8.5	9.0	7.8	6.4	5.8	7.7	7.9	7.6
KHANAQIN	...	7.3	9.4	8.8	8.1	8.4	8.3	...	8.5
RUTBAH	6.1	7.2	6.3	5.7	5.7	4.8	5.2	5.6	5.7
HAI	...	13.3	12.3	15.4	15.7	16.2	14.3	...	14.5
DIWANIYA	11.1	11.9	14.0	13.9	11.5	11.8	13.4	12.4	12.4
NASIRIYA	12.4	11.6	12.6	10.6	11.4	13.9	14.2	13.7	12.6
BASRAH	21.4	21.7	23.6	23.6	22.4	24.7	25.1	24.1	23.1
HABBANIYA	11.2	11.8	13.1	12.1	12.4	11.9	13.3	11.9	12.0

TABLE - 10.

المعدل الشهري للدرجة الندى (سلسيوس)

MONTHLY MEAN DEW-POINT (C°)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	6.4	7.5	10.6	8.1	6.3	8.1	8.4	7.2	8.1
MOSUL	10.7	11.0	11.6	11.3	12.5	10.6	9.7	10.7	10.8
SINJAR	...	10.1	12.3	12.5	12.7	12.1	10.6	...	11.7
KIRKUK	2.7	4.2	4.7	3.0	0.2	-1.1	2.8	3.3	2.5
KHANAQIN	...	2.3	5.5	4.6	3.0	4.0	3.9	...	4.2
RUTBAH	0.6	1.8	1.3	-1.1	-3.7	-3.7	-2.4	-1.8	-1.1
HAI	...	11.0	14.6	13.4	12.5	13.8	12.1	...	13.1
DIWANIYA	8.1	9.2	11.7	10.5	8.7	8.8	10.0	9.6	9.7
NASIRIYA	9.6	8.7	10.0	7.8	8.2	11.4	11.6	11.0	9.8
BASRAH	18.1	18.5	19.7	19.7	19.0	20.6	20.7	20.1	19.6
HABBANIYA	8.8	9.0	10.5	8.9	6.8	8.8	10.9	9.0	9.1

TABLE - 11.

المعدل الشهري لكمية الغيوم الواطئة (الاثمان)

MONTHLY MEAN LOW CLOUD AMOUNT (OKTAS)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	0.0	0.1	0.1	0.2	0.3	0.5	0.0	0.0	0.1
MOSUL	0.0	0.4	0.4	0.7	1.2	1.0	0.3	0.0	0.5
SINJAR	...	0.2	0.1	0.6	1.0	0.7	0.1	...	0.4
KIRKUK	0.1	0.2	0.2	0.4	0.6	0.5	0.2	0.1	0.3
KHANAQIN	...	0.0	0.0	0.1	0.6	0.4	0.2	...	0.2
RUTBAH	0.2	0.1	0.0	0.0	0.6	0.6	0.1	0.1	0.2
HAI	...	0.0	0.0	0.0	0.0	0.0	0.0	...	0.0
DIWANIYA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NASIRIYA	0.0	0.0	0.5	0.8	0.8	0.3	0.0	0.0	0.3
BASRAH	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
HABBANIYA	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0

TABLE - 12 .

المعدل الشهري لمجموع كمية الغيوم (الاثمان)

MONTHLY MEAN TOTAL CLOUD AMOUNT (OKTAS)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	0.1	0.3	0.3	0.3	0.7	0.6	0.3	0.2	0.4
MOSUL	0.1	0.7	0.6	0.9	1.5	1.2	0.4	0.1	0.7
SINJAR	...	0.8	0.4	0.9	1.4	1.3	0.3	...	0.9
KIRKUK	0.1	0.3	0.2	0.4	0.6	0.7	0.2	0.1	0.3
KHANAQIN	...	0.2	0.2	0.4	0.7	0.8	0.4	...	0.4
RUTBAH	0.3	0.3	0.4	0.6	0.8	0.9	0.3	0.2	0.5
HAI	...	0.4	0.4	0.4	0.5	0.6	0.3	...	0.4
DIWANIYA	0.0	0.3	0.1	0.2	0.4	0.4	0.1	0.1	0.2
NASIRIYA	0.1	0.3	0.8	1.0	1.0	0.6	0.0	0.0	0.5
BASRAH	0.0	0.1	0.1	0.2	0.2	0.3	0.2	0.0	0.1
HABBANIYA	0.1	0.2	0.2	0.3	0.5	0.5	0.2	0.2	0.3

SURFACE-WIND , NUMBER OF OBSERVATIONS OF ,

المحطة	وقت غرينتش	DIRECTION الاتجاه								SPEED IN KNOTS السرعة بالعقد					
STATIONS	TIME GMT.	N	NE	E	SE	S	SW	W	NW	Calm	1-10	11-21	22-33	34	MEAN V.
بغداد	0000	13	2	1	0	0	0	3	7	[illegible]	23	3	0	0	6
	0300	7	2	1	0	0	0	1	10	[illegible]	22	3	0	0	6
	0600	10	1	0	1	0	1	4	11	[illegible]	20	8	0	0	7
	0900	11	0	1	0	1	0	5	11	[illegible]	18	10	0	0	8
BAGHDAD	1200	7	0	0	0	0	1	8	13	[illegible]	21	8	0	0	8
	1500	5	0	0	2	0	0	9	11	[illegible]	22	5	0	0	7
	1800	2	0	1	0	0	0	6	14	[illegible]	21	2	0	0	4
	2100	9	1	0	0	0	0	1	12	[illegible]	20	3	0	0	5
	TOTAL	64	6	4	3	1	2	36	93	37	167	42	0	0	7
موصل	0000	6	1	0	0	0	0	5	7	11	14	4	1	0	8
	0300	8	1	0	0	1	0	5	9	10	19	1	0	0	5
	0600	8	1	3	0	0	0	6	9	[illegible]	21	5	0	0	8
	0900	12	0	4	2	1	0	4	5	[illegible]	21	7	0	0	9
MOSUL	1200	7	2	2	1	0	1	10	7	[illegible]	15	14	1	0	11
	1500	1	2	3	0	1	0	13	5	[illegible]	13	10	2	0	10
	1800	5	0	0	0	0	2	14	3	[illegible]	12	12	0	0	9
	2100	6	0	1	0	1	2	8	3	[illegible]	18	3	0	0	6
	TOTAL	53	7	13	3	4	5	65	44	46	133	57	4	0	9
[illegible]	0300	21	2	0	0	0	0	4	3	0	17	10	0	1	12
	0600	8	1	6	0	0	0	6	7	[illegible]	20	4	1	3	11
	0900	6	1	1	1	1	0	9	10	[illegible]	15	9	3	2	12
SHAIBA	1200	2	1	2	0	2	0	18	5	0	11	14	3	2	14
	1500	1	0	1	0	3	1	19	4	[illegible]	14	10	4	[illegible]	13
	1800	9	0	0	0	0	0	10	10	[illegible]	18	8	3	0	11
	TOTAL	47	5	10	1	6	1	66	39	5	95	55	14	11	12
كركوك	0000	2	11	1	0	0	0	1	0	15	13	2	0	0	3
	0300	1	9	0	0	0	0	0	9	20	10	0	0	0	2
	0600	3	6	1	1	2	4	3	1	[illegible]	21	0	0	0	3
	0900	7	1	2	0	2	3	13	0	[illegible]	24	4	0	0	6
KIRKUK	1200	3	1	0	0	0	2	20	2	2	15	11	2	0	10
	1500	5	1	1	0	0	0	17	4	[illegible]	19	9	0	0	9
	1800	1	3	1	1	0	0	4	8	18	11	4	0	0	8
	2100	2	10	0	0	0	0	1	0	17	11	2	0	0	3
	TOTAL	24	42	6	2	4	9	59	9	86	124	29	2	0	5
خانقين	0300	1	0	13	0	2	0	2	0	12	18	0	0	0	2
	0600	1	0	4	1	3	0	9	4	8	22	0	0	0	3
	0900	5	0	2	0	2	0	13	5	[illegible]	26	1	0	0	7
KHANAQIN	1200	7	0	0	0	4	0	15	3	[illegible]	29	0	0	0	6
	1500	5	0	1	0	0	0	19	4	[illegible]	29	0	0	0	5
	1800	0	0	0	0	4	0	10	1	15	15	0	0	0	2
	TOTAL	19	0	20	1	15	0	68	17	40	139	1	0	0	4
رطبة	0000	3	1	0	0	0	2	11	8	5	14	9	2	0	9
	0300	1	0	0	0	1	5	10	9	4	18	8	0	0	7
	0600	8	1	1	1	1	0	6	9	3	14	13	0	0	9
	0900	7	3	2	2	2	1	9	4	0	20	9	1	0	9
RUTBAH	1200	3	1	2	0	3	1	7	11	2	16	10	2	0	10
	1500	4	0	0	1	0	1	8	13	3	14	12	1	0	9
	1800	9	0	1	0	0	2	4	9	5	21	4	0	0	6
	2100	1	2	0	0	0	0	5	12	10	13	7	0	0	6
	TOTAL	36	8	6	4	7	12	60	75	32	130	72	6	0	8

JUNE 1962 .

TABLE 13-b.

عدد ملاحظات الرياح السطحية

SURFACE-WIND, NUMBER OF OBSERVATIONS OF :

المحطة STATIONS	وقت جرينتش TIME GMT.	DIRECTION الاتجاه N	NE	E	SE	S	SW	W	NW	SPEED IN KNOTS السرعة بالعقد Calm	1-10	11-21	22-33	34+	MEAN
	0300	4	0	1	0	1	0	10	12	[illegible]	24	4	0	0	[illegible]
	0600	1	0	1	1	1	0	11	12	[illegible]	14	9	4	0	10
	0900	2	0	0	3	1	0	7	13	[illegible]	6	17	3	0	12
BAY	1200	0	0	0	1	1	0	9	14	[illegible]	9	12	4	0	[illegible]
	1500	0	0	0	0	0	0	12	13	[illegible]	15	10	0	0	[illegible]
	1800	1	0	0	1	0	0	3	16	[illegible]	13	8	0	0	[illegible]
	TOTAL	8	0	2	6	4	0	52	80	[illegible]	81	60	11	0	[illegible]
	0000	8	0	0	1	0	2	12	5	[illegible]	24	4	0	0	[illegible]
	0300	6	2	1	1	1	0	11	8	[illegible]	27	3	0	0	[illegible]
	0600	9	0	1	1	2	1	11	5	[illegible]	17	13	0	0	[illegible]
	0900	9	1	0	0	1	2	9	8	[illegible]	13	16	1	0	15
SHWANIYA	1200	11	0	0	1	0	2	11	[illegible]	[illegible]	15	14	1	0	16
	1500	10	0	0	1	0	0	7	10	[illegible]	21	7	0	0	[illegible]
	1800	7	1	1	1	0	0	11	8	[illegible]	28	[illegible]	0	0	[illegible]
	2100	8	2	1	1	0	0	10	7	1	25	4	0	0	[illegible]
	TOTAL	68	6	4	7	4	7	82	56	[illegible]	170	62	2	0	9
	0000	4	0	0	1	3	0	7	15	[illegible]	25	5	0	0	7
	0300	1	1	0	0	1	0	10	15	[illegible]	25	3	0	0	6
	0600	1	1	1	1	0	2	7	17	[illegible]	25	5	0	0	9
	0900	3	1	3	0	1	0	3	19	[illegible]	12	17	1	0	12
NAURIYA	1200	3	0	1	2	0	0	5	19	[illegible]	9	20	1	0	13
	1500	2	0	1	3	0	0	6	18	0	19	11	0	0	9
	1800	3	1	2	1	0	0	6	15	[illegible]	24	4	0	0	7
	2100	3	0	1	4	0	0	8	13	1	28	1	0	0	6
	TOTAL	20	4	9	12	5	2	52	131	[illegible]	167	66	2	0	9
	0000	8	1	1	0	2	2	2	13	1	25	4	0	0	6
	0300	4	0	0	1	3	0	11	11	0	27	3	0	0	6
	0600	4	1	0	1	1	1	1	20	1	23	6	0	0	8
	0900	6	0	1	0	0	0	1	20	2	17	10	1	0	9
BASRAH	1200	6	0	1	1	0	0	1	21	0	17	13	0	0	9
	1500	1	0	2	0	1	0	2	21	[illegible]	23	4	0	0	8
	1800	5	0	0	1	3	0	2	19	0	24	6	0	0	7
	2100	6	2	0	0	3	1	1	15	2	25	3	0	0	7
	TOTAL	40	4	5	4	13	4	21	140	9	181	49	1	0	7
	0000	1	0	0	0	0	1	10	10	8	18	4	0	0	6
	0300	1	0	0	0	1	0	14	7	7	19	4	0	0	6
	0600	2	1	0	0	0	1	12	13	1	15	13	1	0	10
	0900	5	1	0	0	1	0	9	13	1	17	11	1	0	10
HABBANIYA	1200	4	0	0	1	2	1	13	9	0	13	16	1	0	11
	1500	1	0	1	1	1	0	16	9	1	15	14	0	0	9
	1800	1	1	3	0	0	0	12	7	6	21	3	0	0	5
	2100	2	1	0	0	1	0	8	6	12	14	4	0	0	4
	TOTAL	17	4	4	2	6	3	94	74	36	132	69	3	0	8

JUNE 1962 .

TABLE 14-a .

10

حزيران ١٩٦٢

الهطول اليومي (ملليمترات)

DAILY PRECIPITATION (MILLIMETERS) , tr. 0.05 mm

التاريخ	بغداد	موصل	سنجار	كركوك	خانقين	رطبة	عي	ديوانية	ناصرية	[illegible]	[illegible]
DATE	BAGH-DAD	MOSUL	SINJAR	KIRKUK	KHAN-AQIN	RUTBAH	KAI	DIWA-NIYA	NASI-RIYA	[illegible]	[illegible]
1											
2											
3											
4											
5				tr.							
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
TOTAL	0.0	0.0	0.0	tr.	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NORMAL	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAX. RAIN FALL IN 24 HOURS	2.5	5.4	6.1	2.7	6.0	1.7	0.3	tr.	tr.	tr.	tr.
DAY	2nd	5th	13th	12th	12th	2nd	4th	11th	4th	2nd	5th
YEAR	1955	1959	1957	1957	1957	1954	1957	1944	1957	1958	1957

JUNE 1962 .

TABLE 14-b .

([illegible])

حزيران ١٩٦٢

الهطول اليومي (بالمليمترات)

DAILY PRECIPITATION (MILLIMETERS) . tr. < 0.05 mm

التاريخ	قرة داغ	ديانا	دوكان	بدرة
DATE	QARADAGH	DIANA	DUKAN	BADRA
1				
2				
3				
4	tr.	1.0		3.0
5	tr.		2.0	
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
TOTAL	tr.	1.0	2.0	3.0

NOTE: THE FOLLOWING STATIONS HAD NO RAINFALL AND THE TOTAL IS 0.0 mm.

STATIONS: BAWNOUR , KOISINJANQ , TUSAN, KOUFRI, TAQTAQ, ALEITHAIM, SHAQLAWA, FATHA, MAQIL, KARBALAA, JALAWLAA.

ملاحظة : ـ لم يسقط مطر في
في المحطات التالية ولذا المجموع
يكون صفرا .

المحطات : ـ باونور ، كويسنجق ، طوسان ،
كفري ، طقطق ، العظيم ، شقلاوة ،
فتحة ، مقيل ، كربلا ،
جلولا .

TABLE - 15 .

CLIMATOLOGICAL SUMMARY : الملخصات المناخية :

No. OF DAYS OF PHENOMENAS : عدد الايام التي حدثت فيها الظواهر الجوية :

STATIONS	RAIN	SNOW	HAIL	THUNDER STORM	FOG	DUST	STATE OF SKY CLEAR	STATE OF SKY CLOUDY
BAGHDAD	0	0	0	0	0	0	29	0
MOSUL	0	0	0	0	0	0	21	0
SINJAR	0	0	0	0	0	0	25	0
KIRKUK	0	0	0	1	0	0	27	0
KHANAQIN	0	0	0	0	0	0	25	0
RUTBAH	0	0	0	0	0	0	25	0
HAI	0	0	0	0	0	0	27	0
DIWANIYA	0	0	0	0	0	0	29	0
NASIRIYA	0	0	0	0	0	5	27	0
BASRAH	0	0	0	0	0	0	29	0
HABBANIYA	0	0	0	0	0	0	29	0

TABLE - 16 .

DURATION OF SUNSHINE : مدة سطوع الشمس بالساعات

STATIONS	MONTHLY TOTAL SUNSHINE HOURS	MAX. SUNSHINE IN ONE DAY HOURS	MAX. SUNSHINE IN ONE DAY DATE	No. OF DAYS WITHOUT SUNSHINE
BAGHDAD	384.6	13.7	18th	0
MOSUL	380.8	13.6	5th	0
BASRAH	345.1	13.0	13th	0
HABBANIYA	363.7	13.2	10, 18&20th	0

TABLE - 17 . المعدل الشهري لحرارة العشب و التربة و اقصى سرعة للريح السطحي خلال ساعة

MONTHLY MEAN OF: AND , HIGHEST WIND SPEED (GUST) IN KNOTS

STATIONS	MEAN GRASS MINIMUM C° TEMPERATURES	MEAN C° EARTH TEMPERATURES 0.3 M	MEAN C° EARTH TEMPERATURES 1.2 M	HIGHEST WIND SPEED	DIRECTION	TIME GMT.	DATE
BAGHDAD	18.6	33.5	28.0	18	300	1500	9th
MOSUL	....	34.0	28.4	30	290	0000	10th
SINJAR	....	....	....	50	280	0300	7th
KIRKUK	18.4	30.3	26.7	25	270	1200	6th
KHANAQIN	....	....	....	16	270	0900	12th
RUTBAH	....	....	....	29	270	1500	7th
HAI	21.8	....	....	25	320	0600	12th
DIWANIYA	....	....	....	26	340	0900	12th
NASIRIYA	22.7	34.7	29.5	30	350	0900	12th
BASRAH	18.7	....	....	23	310	0900	10th
HABBANIYA	22.3	34.7	29.5	25	290	0900	9th.

RADIOSONDE OBSERVATIONS AT STANDARD LEVELS (TIME 0001 GMT.) AT BAGHDAD AIRPORT

DATE	1000-mbs.					850-mbs.					700-mbs.					600-mbs.					500-mbs.				
	HHH	TT	T_dT_d	dd	ff	HHH	TT	T_dT_d	dd	ff	HHH	TT	T_dT_d	dd	ff	HHH	TT	T_dT_d	dd	ff	HHH	TT	T_dT_d	dd	ff
1	004	33	08	09	08	150	29	00	07	07	318	14	61	06	07	445	02	62	-	-	589	61	75	-	-
2	003	30	14	22	04	151	30	06	20	14	318	15	55	25	11	447	04	65	34	21	592	58	75	24	23
3	003	-	-	-	-	150	30	04	35	07	318	13	60	35	07	440	03	68	26	08	591	58	76	-	-
4	003	-	-	-	-	146	29	03	36	13	315	15	56	29	08	442	03	62	-	-	587	58	73	-	-
5	004	-	-	-	-	144	28	02	36	13	312	09	62	31	17	435	01	72	30	17	578	62	62	-	-
6	000	-	-	-	-	145	29	11	30	28	314	14	01	28	17	441	02	61	26	14	585	57	71	-	-
7	005	29	11	30	05	149	25	58	32	24	315	11	66	32	14	444	01	74	33	30	584	60	63	33	38
8	004	28	13	23	13	151	30	50	25	10	319	15	57	27	11	447	03	66	29	19	591	60	75	29	15
9	005	25	11	33	10	149	22	04	30	21	314	10	54	27	11	440	04	67	27	33	587	55	80	27	46
10	008	31	03	27	20	145	16	46	31	15	316	09	50	31	31	438	01	49	30	27	578	45	42	30	57
11	005	25	10	-	-	144	16	54	-	-	318	09	55	-	-	439	01	51	-	-	581	52	54	-	-
12	005	29	09	35	27	149	21	01	34	28	315	11	57	33	02	441	01	65	35	33	586	58	75	35	21
13	006	33	11	34	22	151	25	54	35	38	318	12	65	35	31	444	03	74	-	-	589	57	67	-	-
14	005	-	-	-	-	149	29	54	34	30	317	13	65	04	10	441	03	66	-	-	589	56	77	-	-
15	005	-	-	-	-	148	25	61	32	01	315	13	61	29	18	442	01	66	30	14	585	62	72	29	12
16	005	29	05	30	10	146	28	55	31	10	314	11	62	31	20	439	02	69	-	-	583	58	81	-	-
17	002	-	-	-	-	147	25	51	15	15	314	12	61	21	25	441	00	66	23	28	583	64	75	22	40
18	004	27	10	32	13	148	24	58	32	23	313	12	73	30	29	440	03	80	29	40	584	58	90	28	68
19	003	26	15	33	10	148	24	53	32	17	313	11	72	34	11	440	03	78	34	22	585	57	89	-	-
20	001	-	-	-	-	146	25	52	33	20	312	12	63	31	22	439	03	70	30	14	584	55	81	-	-
21	004	-	-	-	-	147	27	02	26	20	314	12	57	33	20	440	01	66	33	22	585	54	76	-	-
22	003	-	-	-	-	145	29	56	28	15	317	13	68	32	08	443	03	76	26	14	589	54	88	28	08
23	004	29	07	33	20	149	26	52	32	22	315	13	74	30	39	442	04	82	31	38	589	52	95	-	-
24	004	-	-	-	-	147	28	55	31	13	314	11	70	29	15	440	06	77	29	08	586	54	90	-	-
25	000	-	-	-	-	146	28	62	19	33	313	13	78	30	20	440	03	88	-	-	586	53	95	-	-
26	000	-	-	-	-	146	28	51	16	07	314	13	60	29	33	444	03	66	29	39	586	55	80	28	43
27	003	-	-	-	-	148	26	55	33	10	314	12	67	30	10	440	03	76	-	-	587	52	84	-	-
28	002	-	-	-	-	145	29	51	36	03	313	14	58	07	17	440	03	68	-	-	586	51	83	-	-
29	002	-	-	-	-	145	27	02	28	16	310	11	56	33	24	437	06	67	33	29	584	52	80	-	-
30	002	-	-	-	-	143	27	54	31	21	310	11	63	29	18	437	06	73	-	-	583	53	90	-	-
MEANS	003	28	09	-	14	148	25	53	-	18	314	12	63	-	23	441	03	70	-	24	586	57	81	-	34

NOTES: Heights are in Decameter in all levels. Temperatures & dew points are in Degrees Centigrade.
Temperatures and Dew Point below Freezing 50 are added. The Sign (-) means not available or not recorded.

RADIOSONDE OBSERVATIONS AT STANDARD LEVELS (TIME 0001 G.M.T.) AT BAGHDAD AIRPORT

	400-mbs.					300-mbs.					200-mbs.					150-mbs.					100-mbs.				
DATE	HHH	TT	T_dT_da	dd	ff	HHH	TT	T_dT_da	dd	ff	HHHH	TT	T_dT_da	dd	ff	HHHH	TT	T_dT_da	dd	ff	HHHH	TT	T_dT_da	dd	ff
1	757	72	91	-	-	963	82	98	-	-	1239	01	15	-	-	1442	11	-	-	-	-	-	-	-	-
2	754	73	88			968	81	95			1246	98	10			1431	07	17			1681	18			
3	760	71	89			966	86	97			1235	01	12			1421	12				1666	20			
4	757	70	86			965	83	97			1240	98	09			1427	03	14			1684	13			
5	744	75	94			946	92	09			1214	98	14			1398	11	25							
6	754	70	85			962	83	95			1238	95	05			1430	99	10			1687	12			
7	752	72	96			956	88	10			1228	99	19			1414	06				1664	19			
8	760	70	91			968	81	02			1247	95	15			1435	96	16			1685	18			
9	758	67	87	26	58	969	80	98			1250	95	12			1438	05				1689	16			
10	742	72	84			951	85	05			1222	98	17			1409	06				1659	17			
11	753	71	81			959	88	97			1230	01	09			1414	07	15			1660	22			
12	755	71	87			963	81	96			1238	00	12			1422	12				1665	23			
13	759	68	96			969	80	04			1246	00	19			1429	11				1673	25			
14	760	67	90			970	80	02			1245	00	18			1429	14				1668	26			
15	754	68	85			965	78	95			1244	97													
16	752	70	92			960	83	03			1236	98	17			1421	10				1666	20			
17	750	72	89			958	82	99			1234	00	16			1417	13				1660	22			
18	754	70	97	26	66	964	79	05			1245	96	18			1430	08								
19	756	66	92			967	78	06			1247	97				1433	08				1679	21			
20	756	65	88			968	77	88			1248	99	16			1433	11	25			1677	19			
21	758	65	84			970	78	94			1249	98	12			1433	11				1678	20			
22	762	65	98			974	79	09			1251	99				1436	10				1681	21			
23	763	64	00			975	79				1252	99				1436	11				1681	21			
24	758	66	99			969	80	09			1246	99				1429	13				1671	23			
25	759	63	03			972	78	10			1252	98				1436	13								
26	759	63	90			974	75	00			1255	97	19			1439	11				1684	20			
27	761	61	90			973	80	14			1250	00				1432	12				1674	28			
28	761	62	92			975	77	05			1257	94	18			1445	07				1692	21			
29	758	64	85			970	79	02			1248	99	18			1431	13				1672	25			
30	756	66	92			967	79	05			1244	99	22			1428	12								
MEANS	756	68	91			966	81	98			1243	98	15			1428	09	17			1675	20			

Month: June 1962 .

BAGHDAD AIRPORT

Frequency of horizontal visibility

T I M E - G.M.T.

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -200M																									
>200 -500M																									
>500 -1000M																									
>1000 -1500M																1	1	1							3
>1500 -3000M																									
>3 -5KM			1	1	1						1	1	1	1	1			2							10
>5 -10KM			6	8	10	8	2	3	3	3	2	1					9	17	8	2	1				83
>10 -15KM	8	9	17	17	15	19	19	16	11	10	12	11	9	10	11	17	17	8	17	15	14	9	7	4	302
>15KM	22	21	6	4	4	3	9	11	16	17	15	17	20	19	18	12	3	2	5	13	15	21	23	26	322
Total	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	720

NOTE: In fields containing two numbers the first one gives the cases with dust in the air. the second number shows the total.

Frequency of different heights of cloud-base (amount 4-8 Oktas)

Height	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -50M																									
>50 -150M																									
>150 -300M																									
>300 -500M																									
>500 -900M																									
>900M	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	720

BASRAH AIRPORT

Frequency of Horizontal Visibility

T I M E - G.M.T.

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -200M																									
>200 -500M																									
>500 -1000M											1														1
>1000 -1500M														1	1	1	1			1					5
>1500 -3000M				1						3	3	1	3	3	2	3	4	5	6	4	2	1			41
>3 -5KM			1/2	2	2		1				1	3	1	1	1	2	1	3	2		2	2	1	1	28
>5 -10KM	2/3	2/3	1/4	2	1/2	1/2	1/2	3	5/6	4	2/3	3/4	3	1	2	1/3	3/4	2/3	2/3	5/6	3/5	4/6	3/6	2/3	83
>10 -15KM	4	4	7	5	7	4	5	5	5	1	1	5	5	8	6	7	10	5	5	4	2	3	7	6	121
>15KM	23	23	17	20	19	24	22	22	19	22	21	17	18	16	18	14	10	14	14	15	19	18	16	20	441
Total	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	720

NOTE: In fields containing two numbers the first one gives the cases with dust in the air. the second number shows the total.

Frequency of different heights of cloud-base (amount 4-8 Oktas)

Height	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -50M																									
>50 -150M																									
>150 -300M																									
>300 -500M																									
>500 -900M																									
900M										1	1	1	1	1	1	1									7

Month: June 1962.

BAGHDAD AIRPORT

Simultaneous occurrences of specified visibility range & specified lowest cloud-base (≥ 4-8 Oktas)

HEIGHT	V I S I B I L I T Y																										
METERS	0-200M			>200-500M			>0.5-1KM			>1-1.5KM			>1.5-3KM			>3-5KM			>5-10KM			>10-15KM			>15KM			TOTAL		
0-50																														
>50-150																														
>150-300																														
>300-500																														
>500-900																														
																1			8	2	8	17	19	22	4	9	30	30	30
>900												1				1		3			10	9	17	17	20	12	30	30	30
												1					2	8		21	17	9	106	5	21	110	30	30	240
																1			8	2	8	17	19	22	4	9	30	30	30
TOTAL												1						3			10	9	17	17	20	12	30	30	30
												1					2	8		21	17	9	106	5	21	110	30	30	240

NOTE:

The nine fields for each combination of visibility and height contain the number of occurrences for different times using the following model :

00	03	06	
09	12	15	GMT.
18	21	To	

To= Total for all hours

*ALL CASES WITH CLOUD AMOUNT OF LESS THAN 4/8 ARE ENTERED HERE.

BLE 20-b.

Month: June 1962 .

BAGRAM AIRPORT

multaneous occurrences of specified visibility ranges and specified lowest cloud-base (≥ 4 Oktas)

HEIGHT	V I S I B I L I T Y																													
METERS	0-200M			≥200-500M			≥0.5-1KM			≥1-1.5KM			≥1.5-3KM			≥3-5KM			≥5-10KM			≥10-15KM			≥15KM			TOTAL		
0-50																														
50-150																														
50-300																														
00-500																														
00-900																														
													1			2	1	3	3	2	4	5	5	23	19	22	30	30	30
≥ 900												1	3	3	3		1	2	4	3	3	1	5	6	22	18	15	30	30	30
												1	6	1	17	2	2	10	3	6	27	6	3	35	13	18	150	30	30	240
														1			2	1	3	3	2	4	5	5	23	19	22	30	30	30
TOTAL												1	3	3	3		1	2	4	3	3	1	5	6	22	18	15	30	30	30
												1	6	1	17	2	2	10	3	6	27	6	3	35	13	18	150	30	30	240

NOTE:

The nine fields for each combination of visibility and height contain the number of occurrences for different times using the following model :

00	03	06	
09	12	15	GMT.
18	21	To	

To= Total for all hours.

"ALL CASES WITH CLOUD AMOUNT OF LESS THAN 4/8 ARE ENTERED HERE.

الجمهورية العراقية

وزارة المواصلات

مديرية الطيران المدني العامة

REPUBLIC OF IRAQ

MINISTRY OF COMMUNICATIONS

DIRECTORATE GENERAL OF CIVIL AVIATION

مديرية الانواء الجوية

METEOROLOGICAL DEPARTMENT

شعبة احصائيات المناخ

CLIMATOLOGICAL SECTION

تقرير المناخ الشهري

Monthly Climatological Data

No. 7
Vol. 25
Month July
Year 1962

العدد ٧
مجلد ٢٥
الشهر تموز
السنة ١٩٦٢

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الجمهورية العراقية

وزارة المواصلات

مديرية الطيران المدني العامة

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شعبة المناخ

بغداد

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MINISTRY OF COMMUNICATIONS

DIRECTORATE GENERAL OF CIVIL AVIATION

METEOROLOGICAL DEPARTMENT

CLIMATOLOGICAL SECTION

B A G H D A D

معلومات مناخية شهرية لشهر تموز ١٩٦٢

MONTHLY CLIMATOLOGICAL DATA FOR JULY 1962

مجلد ٢٥ عدد (٧) تموز ١٩٦٢

VOLUME 25, No. (7) , JULY 1 9 6 2 .

C O N T E N T S

	TABLE	PAGE
Daily mean temperatures	1	1
" " pressure at M.S.L.	2	2
" " relative humidity	3	3
Daily maximum and minimum temperatures	4ab	4-5
Monthly mean dry-bubl temperatures	5	6
" " wet-bulb "	6	6
" " pressure at M.S.L.	7	6
" " relative humidity	8	6
" " vapour pressure	9	7
" " dew-point	10	7
" " low-cloud amount	11	7
" " total-cloud amount	12	7
Surface wind , number of observations 02:	13ab	8-9
Daily precipitation	14a	10
Climatological summary	15	11
Suration of sunshine	16	11
Monthly mean temperatures of grass & earth with highest wind speed	17	11
Baghdad radiosonde observations	18ab	12-13
Frequency of horizontal visibility at Baghdad and Basrah	19ab	14-15
Combined statistics of visibility and cloud base at Baghdad & Basrah	20ab	16-17

المحتويـــــات

المعدل اليومي لدرجات الحرارة .....
" " للضغط الجوي على سطح البحر .....
" " للرطوبة النسبيـــــة .....
درجات الحرارة العظمى و الصغرى اليومية .....
المعدل الشهري لدرجات الحرارة للبصلة الجافة .....
" " " " الرطبة .....
" " للضغط الجوي على سطح البحر .....
" " للرطوبة النسبية .....
" " لضغط البخار .....
" " لدرجة الندى .....
" " لكمية الغيوم الواطـــئة .....
" " لمجموع كمية الغيوم .....
عدد تكرار رصدات الرياح السطحية .....
الهطول اليومي .....
الملخصات المناخية .....
مدة سطوع الشمس .....
المعدل الشهري لحرارة الحشيش و التربة و اقصى سرعة ريح سجلت خلال ساعة .....
رصدات الراديوسوند في بغداد .....
ذبذبات كل من مدى الرؤيا و ارتفاع الغيوم في بغداد و البصرة .....
احصائيات مزدوجة لمدى الرؤيا و لقاعدة الغيوم في بغداد و البصرة

JULY 1962 .

TABLE - 1 .

(1)

تموز ١٩٦٢

المعدل اليومي لدرجات الحرارة (سنتغراد)

DAILY MEAN TEMPERATURE (C°) OF 8 OBSERVATIONS

التاريخ	بغداد	موصل	سنجار	كركوك	رطبة	هي	ديوانية	ناصرية	بصرة	حبانية
DATE	BAGH-DAD	MOSUL	SINJAR	KIRKUK	RUTBAH	HAI	DIWA-NIYA	NASI-RIYA	BASRAH	HABBA-NIYA
1	36.0	34.2	36.1	35.4	31.2	35.8	35.9	37.3	34.3	36.1
2	36.0	35.2	36.1	34.1	29.9	35.9	35.5	35.9	35.0	35.4
3	35.5	32.8	33.6	34.4	29.9	35.7	35.2	35.9	35.0	33.8
4	35.8	32.9	30.9	32.9	28.8	36.3	35.2	34.7	33.4	33.3
5	34.8	32.7	37.3	33.3	29.7	35.8	33.9	33.8	33.0	33.2
6	34.7	34.7	37.3	37.5	31.5	38.3	34.4	34.3	31.4	35.3
7	37.4	38.1	39.0	40.5	31.8	37.0	35.9	37.2	33.5	37.0
8	36.9	38.9	38.9	39.3	31.8	37.0	35.9	37.6	35.1	37.3
9	35.5	36.5	37.0	36.6	32.6	36.8	36.1	36.7	35.4	35.9
10	35.2	35.3	36.6	36.2	32.0	35.8	34.6	36.1	32.1	35.4
11	34.0	33.1	32.2	34.2	29.7	34.7	34.2	35.3	34.8	33.7
12	32.7	32.6	34.1	34.0	30.1	33.1	32.7	34.0	33.0	33.1
13	34.4	35.2	34.9	37.3	30.2	33.2	33.5	35.1	33.2	34.9
14	33.7	35.4	35.3	37.0	30.4	33.4	33.1	34.5	33.2	34.3
15	34.7	33.9	36.4	36.8	32.2	33.5	33.3	34.3	33.1	35.7
16	35.8	34.5	37.9	37.1	33.2	34.6	33.4	36.2	34.0	36.3
17	35.9	36.3	36.8	37.1	33.3	36.7	34.8	37.1	35.2	36.6
18	37.5	36.8	39.5	40.1	34.5	36.1	35.6	38.6	34.5	38.2
19	38.0	37.3	40.2	41.7	34.6	36.9	37.2	38.6	37.5	39.2
20	38.6	40.1	40.7	40.9	33.6	37.2	39.0	38.9	38.5	38.5
21	37.6	36.3	35.4	36.8	30.4	38.1	37.3	39.2	36.9	36.0
22	36.4	34.5	33.9	35.6	33.9	38.7	36.5	38.9	35.7	36.4
23	38.1	36.9	36.2	37.7	32.7	38.5	38.5	39.5	35.6	37.1
24	39.2	37.4	37.0	37.8	33.1	37.1	38.5	38.3	37.2	38.6
25	39.1	38.2	38.6	37.8	34.6	38.2	37.6	38.9	36.3	38.0
26	38.2	37.0	37.5	37.5	33.9	37.8	38.1	39.1	36.4	37.5
27	38.6	36.2	37.1	38.1	33.9	37.5	37.9	38.2	36.6	36.6
28	37.7	36.8	36.2	38.4	32.5	37.3	36.9	37.9	35.9	35.9
29	36.8	34.5	35.6	35.3	33.2	37.9	36.5	37.6	36.0	34.8
30	37.4	33.5	37.2	37.1	33.3	37.8	37.5	38.1	36.5	35.6
31	37.8	34.4	37.8	36.5	33.2	37.9	37.3	38.1	35.8	36.3
MEANS	36.5	35.5	36.6	37.0	32.1	36.5	35.9	37.0	35.0	36.0
NORMAL	34.1	33.3	36.6	35.2	30.7	36.2	34.2	34.2	33.9	35.0
YEARS OF NORMAL	1937 1956	1923 1956	1962 to 1962	1935 1956	1928 1956	1940 1956	1939 1956	1940 1956	1937 1956	1935 1956

NOTE: T I M E - G . M . T .

$$\frac{0000+0300+0600+0900+1200+1500+1800+2100}{8} = \text{DAILY MEAN}$$

JULY 1962. (TABLE - 2.) تموز ١٩٦٢

DAILY MEAN PRESSURE (MILLIBARS) AT M.S.L. المعدل اليومي للضغط الجوي على سطح البحر (ملليبارات)

DATE	BAGHDAD	MOSUL	SINJAR	KIRKUK	RUTBAH	HAI	DIWANIYA	NASIRIYA	BASRAH	HABBANIYA
1	1000.5	1002.1	1000.7	1000.7	1002.6	999.3	1000.5	1000.1	1000.4	1000.8
2	01.2	01.5	01.2	01.4	03.7	1000.0	01.2	00.5	00.6	01.7
3	00.7	01.4	00.9	01.2	02.7	98.7	00.1	999.5	999.3	01.2
4	02.0	03.8	04.4	03.0	05.4	98.8	01.1	99.9	99.8	03.1
5	01.9	03.3	03.3	02.4	06.3	98.5	01.4	99.8	98.8	03.3
6	999.0	999.7	999.5	998.4	03.4	96.6	98.9	97.2	96.4	999.7
7	95.7	97.7	97.7	95.7	00.8	94.5	98.3	94.9	94.8	97.2
8	94.5	94.1	94.9	93.5	98.2	93.6	95.2	94.5	95.2	95.4
9	96.5	96.0	95.8	96.2	98.2	95.8	96.8	96.5	96.0	95.6
10	99.0	98.9	98.4	98.8	01.1	97.9	99.1	98.5	98.6	99.4
11	99.7	00.2	01.7	99.8	02.6	97.9	99.3	98.8	98.5	00.4
12	97.5	97.8	97.7	97.0	00.8	96.5	97.8	97.6	97.7	98.3
13	94.7	95.4	97.1	93.9	99.2	93.7	95.3	95.0	95.5	96.0
14	94.9	94.7	96.9	93.3	98.0	94.2	95.5	95.2	97.4	95.5
15	96.0	95.9	97.4	95.6	97.9	95.7	96.6	96.7	97.1	96.1
16	97.8	99.0	98.5	98.1	01.0	97.2	98.2	98.1	98.6	98.4
17	98.1	98.9	00.1	97.6	01.7	96.6	98.4	97.8	97.3	99.0
18	94.7	96.9	98.5	95.2	99.8	94.5	95.5	95.6	95.8	95.6
19	95.3	96.9	98.1	95.2	99.7	95.0	94.8	95.5	96.3	95.7
20	97.1	97.6	98.3	97.0	00.6	96.7	96.3	96.5	97.9	97.7
21	99.2	00.3	01.6	99.5	02.7	96.9	98.3	96.9	97.2	00.4
22	99.9	01.8	04.1	00.7	02.0	96.3	98.9	97.1	96.1	00.8
23	99.1	00.4	01.6	99.5	02.1	96.9	98.7	97.2	97.3	00.1
24	00.2	01.9	03.3	00.9	03.5	98.5	99.7	98.9	99.2	01.0
25	00.3	01.9	02.3	00.9	03.6	98.0	99.8	98.7	98.7	01.2
26	01.0	02.7	03.0	01.7	04.1	98.2	99.9	98.6	98.5	02.0
27	00.6	02.1	02.3	01.0	03.6	98.9	00.0	98.8	98.0	01.3
28	98.2	99.0	99.7	98.0	01.5	96.8	97.9	97.2	96.7	00.5
29	99.6	01.1	00.5	00.5	01.1	97.4	99.2	98.0	97.9	00.4
30	02.6	04.3	03.9	03.5	03.6	00.5	01.9	00.9	01.1	03.0
31	03.0	04.6	04.8	03.8	05.2	00.4	02.2	01.1	01.0	03.4
MEANS	998.7	999.7	1000.3	998.8	1001.8	997.1	998.6	997.8	997.9	999.2
NORMAL	998.5	998.6	1000.3	997.4	1002.2	997.5	997.7	997.7	997.2	998.7

1962						RECORD					
STATIONS	HIGHEST	TIME	DAY	YEAR	LOWEST	TIME	DAY	YEAR	HIGHEST	TIME	DAY	YEAR	LOWEST	TIME	DAY	YEAR
BAGHDAD	1004.9	0600	31	1962	992.6	1500	18	1962	1008.5	1800	4	1957	990.0	0600	19	1948
MOSUL	1011.5	0600	1	1962	991.4	1500	8	1962	1015.0	0600	23	1941	990.2	1300	22	1939
KIRKUK	1005.8	0300	31	1962	991.3	1200	8	1962	1007.4	0300	12	1958	990.3	1900	26	1950
SINJAR	1005.8	1800	4	1962	993.5	1500	8	1962	1005.8	1800	4	1962	993.5	1500	8	1962
RUTBAH	1007.6	0300	5	1962	996.5	2100	8	1962	1010.8	0600	2	1944	993.8	1200	26	1950
HAI	1002.8	0600	31	1962	992.3	1500	13	1962	1006.8	0900	4	1957	990.2	0000	3	1959
DIWANIYA	1003.6	0600	31	1962	993.6	0000	19	1962	1007.9	0600	12	1958	990.1	1500	26	1954
NASIRIYA	1002.7	0600	31	1962	993.3	1500	13	1962	1006.7	0600	4	1957	991.3	1500	22	1956
BASRAH	1003.8	1200	8	1962	993.0	2100	8	1962	1006.0	0900	4	1957	990.3	1500	3	1959
HABBANIYA	1005.1	0600	31	1962	993.8	1500	18	1962								

JULY 1962 .

TABLE - 3 .

المعدل اليومي للرطوبة النسبية (٪)

DAILY MEAN RELATIVE HUMIDITY (%) OF 8 OBSERVATIONS

التاريخ	بغداد	موصل	سنجار	كركوك	رطبة	حي	ديوانية	ناصرية	بصرة	حبانية
DATE	BAGH-DAD	MOSUL	SINJAR	KIRKUK	RUTBAH	HAI	DIWA-NIYA	NASI-RIYA	BASRAH	HABBA-NIYA
1	22	33	20	16	22	28	30	18	49	22
2	21	25	22	17	19	26	26	21	45	20
3	22	33	29	17	18	24	27	21	42	27
4	20	32	33	18	25	23	21	21	45	27
5	20	29	24	15	20	33	25	18	47	23
6	23	29	28	16	17	25	28	21	49	21
7	19	29	28	14	16	26	28	23	51	21
8	23	28	30	17	17	27	24	20	44	19
9	28	30	32	18	18	26	25	15	43	21
10	29	34	27	18	18	27	28	18	45	24
11	31	26	31	17	18	24	27	20	45	21
12	37	29	32	19	19	25	24	19	45	23
13	31	39	29	22	16	35	24	15	38	18
14	30	33	25	20	16	25	24	14	43	20
15	33	38	22	16	15	30	26	16	39	25
16	26	33	16	14	13	30	26	16	37	29
17	24	28	19	18	13	24	25	17	49	29
18	26	32	13	17	15	29	28	16	44	29
19	31	29	12	14	14	33	31	25	38	30
20	30	26	15	16	17	37	29	29	41	23
21	23	21	16	14	25	31	24	26	46	25
22	23	27	17	14	21	22	24	16	49	29
23	24	22	16	16	24	23	23	17	52	30
24	21	25	17	16	22	33	27	27	63	24
25	20	23	15	14	21	27	25	25	67	25
26	22	21	15	12	18	27	20	18	45	23
27	22	23	16	16	20	30	27	20	39	27
28	19	32	17	17	18	32	29	20	45	26
29	23	35	19	16	18	31	26	21	51	33
30	24	38	17	16	17	34	23	19	47	33
31	24	32	15	14	15	33	24	19	45	28
MEANS	25	29	22	16	18	28	26	20	46	25
NORMAL	23	29	22	20	25	24	30	34	49	25

1 9 6 2

STATIONS	HIGHEST	TIME GMT.	DAY	LOWEST	TIME GMT.	DAY
BAGHDAD	53	0300	19th	9	1200	6th
MOSUL	66	2100	15th	8	1200	27th
SINJAR	44	1800	12th	9	1200	19th
KIRKUK	36	0000	4th	3	1500	5th
RUTBAH	51	0300	1st	6	1200	3,14&17th
HAI	61	0300	21st	13	1200	9&19th
DIWANIYA	60	2100	27th	10	1200	17th
NASIRIYA	46	0300	21st	7	1200	22nd
BASRAH	94	0300	24th	16	1200	20th
HABBANIYA	51	0300	4&24th	8	1500	1st.

JULY 1962.

(4) تموز ١٩٦٢

TABLE -4a .

درجات الحرارة العظمى والصغرى اليومية (سنتغراد)

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

التاريخ	بغداد		موصل		سنجار		كركوك		خانقين		رطبة	
	BAGHDAD		MOSUL		SINJAR		KIRKUK		KHANAQIN		RUTBAH	
	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DATE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	45.6	23.9	44.6	21.2	39.1	28.3	43.8	26.6	44.0	24.4	39.5	22.7
2	44.2	24.8	43.2	26.4	38.1	28.3	42.7	24.5	43.9	26.1	38.3	21.8
3	43.0	23.1	42.2	20.4	37.1	27.3	41.0	26.4	42.2	23.3	38.2	21.3
4	42.6	28.3	40.4	23.8	35.0	25.2	39.6	24.4	42.2	23.9	36.2	21.4
5	42.7	24.0	42.6	24.4	38.0	25.5	41.4	23.8	43.3	26.1	37.6	21.6
6	45.5	21.7	48.4	18.2	41.8	27.6	47.1	25.8	48.3	24.0	39.2	22.0
7	47.1	26,3	47.8	25.2	43.5	29.3	46.3	32.0	48.3	32.2	40.2	23.0
8	47.0	27.5	48.2	27.4	44.2	30.1	47.1	31.1	46.7	30.0	39.8	21.1
9	45.1	23.7	45.6	27.2	42.3	32.4	44.5	28.7	45.8	27.2	40.0	24.2
10	44.6	24.8	45.0	22.4	40.2	30.3	42.9	29.8	45.0	25.6	38.3	25.2
11	43.7	23.9	42.8	23.6	37.0	23.4	41.6	26.0	42.8	25.0	36.8	22.5
12	41.7	21.2	42.8	22.2	39.1	27.0	41.6	26.5	42.2	23.3	37.3	21.3
13	43.4	24.8	44.6	22.8	39.2	29.0	43.6	29.4	45.0	24.4	38.0	22.4
14	42.7	23.2	44.0	30.3	39.4	28.5	43.5	31.4	43.3	24.4	38.0	21.6
15	43.8	23.0	46.0	22.8	41.2	28.3	44.0	30.4	44.0	25.0	39.7	22.1
16	45.5	24.1	46.4	21.4	41.9	29.3	43.9	29.8	44.6	25.6	40.4	23.4
17	45.4	24.5	47.8	23.2	42.4	27.6	44.6	27.0	46.5	24.4	41.4	24.4
18	48.0	27.1	47.8	25.8	44.1	31.3	47.4	30.8	47.8	28.9	42.6	25.3
19	48.0	26.2	49.7	24.5	44.7	32.4	48.2	34.9	48.3	29.4	42.8	24.5
20	47.5	28.9	50.0	28.4	44.2	33.1	47.7	34.9	48.3	30.0	43.2	25.0
21	45.5	27.8	44.7	30.2	39.2	29.0	44.6	30.8	46.7	30.0	34.0	22.6
22	44.8	27.3	43.2	24.2	37.4	27.6	42.9	27.1	46.1	23.3	41.2	22.2
23	48.0	25.1	47.1	25.4	42.4	28.2	46.2	27.8	48.3	24.4	40.7	24.0
24	47.7	28.6	46.3	27.5	41.8	29.1	45.7	29.0	48.3	26.1	41.2	24.5
25	47.6	28.5	47.0	28.4	42.1	30.8	45.8	28.1	47.5	26.4	42.0	24.7
26	46.7	29.9	46.3	25.4	40.3	30.6	45.5	28.0	47.2	25.4	42.3	25.2
27	46.4	30.3	47.2	23.8	41.2	29.3	46.5	27.2	47.2	26.0	41.5	24.6
28	46.0	27.2	47.2	24.6	39.5	30.2	45.8	28.7	47.0	25.0	42.2	23.6
29	46.0	23.5	44.8	22.3	39.4	29.0	44.1	28.5	46.1	26.1	42.1	22.7
30	46.6	24.7	45.4	21.6	21.4	29.8	44.2	30.0	46.1	25.0	42.2	23.6
31	46.8	27.9	46.4	19.1	41.6	29.8	44.5	27.8	46.1	26.7	42.2	22.8
MEANS	45.5	25.7	45.7	24.3	40.6	29.0	44.5	28.6	25.8	26.0	40.2	23.1
NORMAL	43.4	25.0	43.3	22.0	40.6	29.0	42.7	26.4	43.8	25.6	38.6	21.4

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
BAGHDAD	50.0	31st	1957	16.6	8th	1946
MOSUL	51.1	21st	1937	13.8	12th	1958
SINJAR	44.7	19th	1962	23.4	11th	1962
KIRKUK	48.2	19th	1962	20.0	13th	1950
KHANAQIN	50.0	19th	1940	15.5	12th	1958
RUTBAH	46.1	21&22	1940	14.4	6th	1933

JULY 1962.

TABLE -4b .

تموز ١٩٦٢

درجات الحرارة العظمى و الصغرى اليومية (سنتغراد)

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

	حي		ديوانية		ناصرية		بصرة		حبانية	
	HAI		DIWANIYA		NASIRIYA		BASRAH		HABBANIYA	
التاريخ	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DATE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	44.4	26.5	45.8	25.0	47.0	27.0	42.5	26.7	45.6	25.0
2	44.4	26.7	44.0	24.8	46.8	26.0	43.4	26.7	43.4	26.5
3	43.6	26.2	44.0	24.5	46.0	26.0	42.5	28.7	42.9	24.5
4	42.6	28.2	43.0	28.0	43.0	25.6	38.9	26.8	41.7	25.0
5	42.0	30.0	41.8	27.0	38.8	27.5	36.6	29.3	41.7	23.8
6	45.0	26.2	43.8	23.0	43.5	25.3	38.8	26.6	44.9	22.8
7	46.6	27.5	45.0	26.7	48.4	24.5	42.6	24.6	46.1	28.4
8	46.0	27.8	45.5	25.6	47.8	28.0	40.9	29.6	46.6	29.6
9	45.0	28.7	45.6	26.1	48.3	28.0	41.7	29.5	45.6	27.7
10	44.0	26.2	44.8	23.5	46.8	26.6	41.5	25.5	45.0	27.8
11	43.0	24.2	43.5	25.5	46.0	25.4	41.6	27.9	42.7	26.6
12	40.5	24.2	41.5	23.3	42.6	24.8	39.6	26.5	42.1	24.2
13	42.3	23.2	43.5	22.9	44.5	24.5	41.5	24.6	43.5	26.3
14	42.0	24.6	42.4	22.6	44.7	26.2	39.2	25.7	42.8	26.1
15	42.4	22.0	43.9	21.0	44.3	24.0	41.5	26.0	45.0	25.1
16	43.6	22.4	44.3	22.0	46.0	24.7	42.2	26.0	45.7	25.5
17	44.1	27.3	44.6	24.8	46.6	27.8	42.2	29.4	45.6	23.1
18	45.2	26.4	47.8	24.0	48.0	28.5	41.5	29.9	48.4	28.0
19	46.5	26.3	46.5	27.2	49.5	28.0	47.4	28.8	49.8	30.0
20	46.7	27.4	48.6	30.5	47.8	31.0	47.0	31.8	47.9	31.2
21	46.3	29.3	45.2	31.3	48.0	30.8	45.9	29.2	44.4	27.3
22	46.7	30.2	45.5	27.8	48.0	28.8	43.2	31.1	45.0	26.3
23	46.3	29.6	47.8	29.5	47.7	30.5	42.5	29.8	47.6	25.4
24	45.0	27.3	47.8	27.0	48.2	27.5	45.1	29.8	47.8	27.8
25	46.3	29.8	47.4	28.5	48.1	28.8	43.5	31.2	47.4	27.2
26	45.8	29.2	46.8	28.6	48.0	29.5	45.5	29.0	46.3	26.8
27	45.3	27.5	47.2	29.3	46.9	28.4	45.4	29.0	46.2	27.4
28	45.2	29.0	45.7	28.0	47.4	26.4	44.0	28.6	46.3	25.8
29	45.7	30.0	46.5	25.7	48.5	27.5	44.2	28.7	45.6	22.4
30	46.2	28.0	47.5	26.5	48.2	25.6	46.7	27.6	46.6	25.0
31	47.2	29.4	47.7	26.2	48.1	28.4	43.0	28.9	48.2	24.0
MEANS	44.7	27.1	45.3	26.0	46.6	27.1	42.6	28.2	45.4	26.2
NORMAL	44.0	26.3	42.7	23.7	42.7	25.4	40.3	27.6	44.2	25.7

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
HAI	50.0	22nd	1943	21.6	25th	1950
DIWANIYA	49.5	4th	1945	16.5	12th	1958
NASIRIYA	49.5	19th	1962	20.0	15th	1952
BASRAH	50.5	26th	1951	22.2	15th	1952
HABBANIYA	50.6	3rd.	1948	21.1	21st	1948

TABLE - 5 .

المعدل الشهري لدرجات الحرارة للصلة الجافة (سنتغراد)

MONTHLY MEAN DRY - BULB TEMPERATURES (C°)

T I M E - G.M.T.

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	30.0	27.9	35.6	42.4	45.1	43.3	35.3	32.0	36.5
MOSUL	27.2	25.6	35.1	43.3	45.0	43.0	35.4	29.5	35.5
SINJAR	....	31.1	35.4	38.0	39.7	39.0	35.2	....	36.4
KIRKUK	31.0	29.9	37.7	42.1	43.8	42.3	36.1	32.7	37.0
KHANAQIN	....	27.7	39.3	43.9	44.7	43.6	37.4	....	39.4
RUTBAH	25.6	23.8	30.8	36.6	39.2	38.7	32.7	28.8	32.1
HAI	30.0	28.2	36.0	43.2	44.2	41.3	35.8	32.6	36.4
DIWANIYA	28.3	27.1	36.4	43.4	45.2	42.5	34.1	30.4	35.9
NASIRIYA	29.3	28.0	37.3	44.6	45.7	42.9	35.7	32.0	36.9
BASRAH	29.8	28.5	34.8	39.4	41.7	38.8	34.7	32.3	35.0
HABBANIYA	28.6	27.4	35.4	42.8	44.8	43.1	34.9	31.5	36.1

TABLE -6 .

المعدل الشهري لدرجات الحرارة للصلة الرطبة (سنتغراد)

MONTHLY MEAN WET - BULB TEMPERATURES (C°)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	18.9	18.0	22.2	24.1	24.3	24.2	21.3	19.9	21.6
MOSUL	18.0	17.5	22.0	24.1	24.3	23.2	20.5	18.7	21.1
SINJAR	....	18.7	20.5	21.7	22.1	21.9	20.5	....	20.7
KIRKUK	17.5	17.4	20.5	21.5	21.9	21.2	19.4	18.4	19.7
KHANAQIN	....	15.8	20.8	21.8	22.1	21.5	19.7	....	20.3
RUTBAH	15.0	14.8	17.4	19.0	19.5	19.1	17.0	15.5	17.2
HAI	18.7	18.4	22.8	24.7	24.7	24.1	21.5	20.0	21.9
NASIRIYA	17.4	17.2	21.0	23.0	23.1	23.0	20.9	19.2	20.6
BASRAH	23.4	22.7	25.5	27.1	27.1	27.3	26.0	24.9	25.5
HABBANIYA	18.5	18.2	22.2	24.1	23.7	23.8	21.2	19.2	21.4

TABLE - 7 .

المعدل الشهري للضغط الجوي على سطح البحر (ملليبارات)

MONTHLY MEAN PRESSURE (mbs.) AT M.S.L.

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	98.3	99.1	00.0	99.6	98.1	97.5	99.4	98.7	998.8
MOSUL	00.4	01.2	01.3	99.7	98.2	97.6	99.2	00.2	999.7
SINJAR	....	01.2	01.1	00.7	98.9	99.3	00.3	....	1000.3
KIRKUK	99.5	00.3	99.8	98.7	97.2	96.7	98.8	99.6	998.8
KHANAQIN	....	00.0	97.8	97.0	95.5	95.8	97.2	....	997.2
RUTBAH	01.1	02.4	02.9	02.4	01.4	01.1	01.4	01.4	1001.8
HAI	96.6	97.3	98.2	98.0	96.6	96.0	97.1	97.1	997.1
DIWANIYA	98.2	98.9	99.4	99.3	98.1	97.5	98.2	98.4	998.5
NASIRIYA	97.5	98.2	98.8	98.3	97.2	96.7	97.8	97.8	997.8
BASRAH	97.4	97.9	98.7	98.6	97.8	96.7	97.4	98.0	997.8
HABBANIYA	98.9	00.0	00.6	00.1	98.7	98.4	99.2	99.4	999.4

TABLE - 8 .

المعدل الشهري الرطوبة النسبية (٪)

MONTHLY MEAN RELATIVE HUMIDITY (%)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	31	35	28	18	15	17	25	29	25
MOSUL	42	45	31	20	17	19	25	36	29
SINJAR	..	26	23	20	18	18	23	..	21
KIRKUK	21	24	16	11	10	10	16	20	16
KHANAQIN	..	23	14	10	10	9	14	..	13
RUTBAH	27	33	21	13	10	10	14	18	18
HAI	32	39	32	21	19	23	29	30	28
DIWANIYA	35	36	25	17	14	17	28	32	26
NASIRIYA	26	29	18	12	10	14	22	25	20
BASRAH	57	60	45	37	31	37	49	53	46
HABBANIYA	34	38	29	18	14	16	26	27	25

TABLE - 9 .

المعدل الشهري لضغط البخار (ملليبارات)

MONTHLY MEAN VAPOUR PRESSURE (mbs.)

TIME - G.M.T.

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	13.0	12.9	15.6	15.4	13.9	15.0	14.3	13.5	14.2
MOSUL	14.3	15.0	17.8	17.4	16.7	16.7	14.1	14.2	15.8
SINJAR	,,,,	11.8	12.6	13.1	12.7	12.8	12.3	,,,,	12.6
KIRKUK	9.4	9.9	10.5	9.3	8.8	8.5	9.3	9.8	9.4
KHANAQIN	,,,,	8.8	9.7	8.5	8.9	8.2	8.8	,,,,	8.8
RUTBAH	8.8	9.8	9.3	7.9	7.0	6.6	6.8	7.1	7.9
HAI	14.1	15.0	18.7	18.3	17.6	18.3	16.1	14.7	16.6
DIWANIYA	13.3	12.9	15.1	15.0	13.4	14.8	15.2	14.2	14.2
NASIRIYA	10.7	11.1	11.6	10.8	10.4	12.2	12.9	12.1	11.5
BASRAH	24.0	23.3	25.5	26.3	24.5	26.7	27.0	25.8	25.4
HABBANIYA	13.3	13.8	16.3	15.2	13.0	13.1	14.3	12.6	14.0

TABLE - 10 .

MONTHLY MEAN DEW - POINT (C°) المعدل الشهري لدرجة الندى (سنتغراد)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	10.6	10.2	13.8	13.1	11.6	12.6	11.9	11.2	11.9
MOSUL	12.3	12.6	15.3	14.5	14.0	13.9	11.5	12.0	13.3
SINJAR	,,,,	9.0	10.0	10.3	9.9	9.9	9.8	,,,,	9.8
KIRKUK	5.7	6.6	7.4	5.0	4.5	3.5	5.3	6.3	5.5
KHANAQIN	,,,,	4.2	6.3	4.4	4.9	3.8	5.0	,,,,	4.8
RUTBAH	4.7	6.3	5.5	3.2	1.2	0.6	1.3	1.6	3.1
HAI	11.8	12.6	15.9	15.9	15.2	15.9	14.2	12.1	14.2
DIWANIYA	10.8	10.6	12.8	12.6	10.9	12.4	12.8	11.8	11.8
NASIRIYA	7.5	7.8	8.8	7.6	7.0	9.5	10.2	9.2	8.5
BASRAH	20.0	19.4	21.1	21.6	20.4	22.3	22.0	21.3	21.0
HABBANIYA	10.7	11.2	13.7	12.6	9.8	10.5	11.9	10.0	11.3

TABLE - 11 .

المعدل الشهري لكمية الغيوم الواطئة (الاثمان)

MONTHLY MEAN LOW CLOUD AMOUNT (OKTAS)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MOSUL	0.0	0.5	0.4	0.0	0.8	0.9	0.4	0.1	0.4
SINJAR	,,,	0.0	0.1	0.1	0.3	0.2	0.1	,,,	0.1
KIRKUK	0.0	0.2	0.1	0.3	0.4	0.3	0.2	0.1	0.2
KHANAQIN	,,,	0.3	0.3	0.3	0.4	0.2	0.2	,,,	0.3
RUTBAH	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
HAI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DIWANIYA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NASIRIYA	0.0	0.0	0.5	0.5	0.3	0.3	0.0	0.0	0.2
BASRAH	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HABBANIYA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE - 12 .

المعدل الشهري لمجموع كمية الغيوم (الاثمان)

MONTHLY MEAN TOTAL CLOUD AMOUNT (OKTAS)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	0.1	0.1	0.0	0.0	0.0	0.2	0.1	0.1	0.1
MOSUL	0.0	0.7	0.6	0.2	0.9	1.1	0.6	0.2	0.5
SINJAR	,,,	0.3	0.2	0.2	0.3	0.3	0.1	,,,	0.2
KIRKUK	0.0	0.2	0.1	0.3	0.4	0.4	0.2	0.1	0.2
KHANAQIN	,,,	0.3	0.3	0.3	0.4	0.2	0.2	,,,	0.3
RUTBAH	0.1	0.3	0.1	0.1	0.2	0.3	0.2	0.2	0.2
HAI	0.2	0.5	0.3	0.3	0.2	0.2	0.2	0.3	0.3
DIWANIYA	0.1	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.1
NASIRIYA	0.3	0.6	1.0	1.0	0.5	0.6	0.3	0.2	0.6
BASRAH	0.4	0.9	0.7	0.3	0.2	0.2	0.3	0.2	0.4
HABBANIYA	0.1	1.9	0.0	0.1	0.1	0.0	0.1	0.1	0.3

TABLE 13a

عدد تكرار رصدات الرياح السطحية

SURFACE-WIND, NUMBER OF OBSERVATIONS OF :

المحطة STATIONS	وقت كرينتش TIME GMT.	DIRECTION الاتجاه N	NE	E	SE	S	SW	W	NW	SPEED IN KNOTS السرعة بالعقد CALM	1-10	11-21	22-33	>34	معدل السرعة بالعقد MEAN V. K.
بغداد BAGHDAD	0000	10	1	0	0	1	0	5	10	4	27	0	0	0	5
	0300	8	0	1	1	0	0	6	4	11	19	1	0	0	4
	0600	13	2	0	0	0	0	6	9	1	26	4	0	0	7
	0900	12	1	0	0	0	0	3	12	3	23	5	0	0	8
	1200	7	0	0	2	1	0	11	10	0	24	7	0	0	8
	1500	4	0	0	0	1	0	13	11	2	27	2	0	0	7
	1800	1	0	1	0	0	2	11	7	9	20	2	0	0	4
	2100	2	0	0	0	1	0	5	13	9	20	2	0	0	4
	TOTAL	58	4	2	3	4	2	60	66	39	186	23	0	0	6
موصل MOSUL	0000	7	1	0	1	1	0	10	5	6	18	7	0	0	8
	0300	5	2	1	0	2	3	9	6	2	24	5	0	0	8
	0600	6	1	0	0	1	0	7	13	3	21	7	0	0	9
	0900	6	1	1	4	5	0	5	8	1	19	11	0	0	10
	1200	5	0	3	2	6	1	7	5	2	19	9	1	0	10
	1500	1	2	3	0	5	1	9	7	3	19	9	0	0	9
	1800	4	1	1	0	2	1	16	4	2	20	9	0	0	9
	2100	4	1	1	0	0	1	14	8	5	21	4	1	0	7
	TOTAL	39	9	10	7	22	7	77	53	24	161	61	2	0	9
سنجار SINJAR	0300	10	1	1	0	0	0	7	12	0	17	10	3	1	13
	0600	5	0	2	1	2	0	8	7	6	16	6	3	0	9
	0900	5	0	3	3	6	0	10	4	0	17	12	1	1	11
	1200	2	0	0	0	3	0	21	4	1	20	8	2	0	10
	1500	1	0	0	0	3	0	17	9	1	19	11	0	0	9
	1800	4	0	0	0	0	0	15	11	1	23	7	0	0	8
	TOTAL	27	1	6	4	14	0	78	47	9	112	54	9	2	10
كركوك KIRKUK	0000	4	8	4	0	1	0	0	0	14	14	3	0	0	4
	0300	1	5	0	0	0	0	0	2	23	6	0	0	0	1
	0600	8	3	4	0	2	1	2	2	9	21	0	1	0	4
	0900	5	2	1	1	3	2	6	4	7	18	6	0	0	6
	1200	3	0	2	3	2	2	11	4	4	22	5	0	0	7
	1500	2	0	0	0	3	4	15	4	3	22	6	0	0	7
	1800	2	1	0	2	1	0	10	2	13	16	2	0	0	2
	2100	3	3	3	0	0	0	0	3	19	12	0	0	0	2
	TOTAL	28	22	14	6	12	9	44	21	92	133	22	1	0	4
خانقين KHANAQIN	0300	0	0	8	0	2	0	1	0	20	11	0	0	0	1
	0600	1	0	2	0	2	0	5	0	21	10	0	0	0	1
	0900	4	0	2	0	9	0	11	3	2	27	1	1	0	6
	1200	4	0	1	0	7	0	11	8	0	30	1	0	0	7
	1500	4	0	0	0	3	2	17	5	0	31	0	0	0	5
	1800	0	0	0	0	3	1	6	0	21	10	0	0	0	1
	TOTAL	13	0	13	0	26	3	51	16	64	119	2	1	0	3
رطبة RUTBAH	0000	3	0	0	1	1	1	13	9	3	17	8	3	0	10
	0300	0	0	0	0	0	2	15	11	3	20	8	0	0	8
	0600	6	1	0	0	0	1	9	14	0	21	10	0	0	9
	0900	9	2	0	0	1	1	11	7	0	23	8	0	0	7
	1200	6	0	0	3	1	4	11	5	1	20	10	0	0	9
	1500	5	0	1	1	0	2	9	13	0	25	6	0	0	8
	1800	5	0	1	1	0	0	11	9	4	27	0	0	0	5
	2100	4	1	1	0	0	2	8	8	7	18	5	1	0	7
	TOTAL	38	4	3	6	3	13	87	76	18	171	55	4	0	8

1952
13-9

SURFACE WIND , NUMBER OF OBSERVATIONS OF

[illegible]	TIME GMT	DIRECTION N	NE	E	SE	S	SW	W	NW	SPEED IN KNOTS CALM	1-10	11-21	22-33	[illegible]	MEAN [illegible]
[illegible]	0000	1	0	0	1	0	0	2	23	4	14	12	7	0	10
	0300	0	0	2	0	0	0	2	16	5	21	4	1	0	7
	0600	1	1	1	2	0	0	0	18	2	21	7	1	0	8
	0900	3	0	4	1	0	0	2	12	7	8	12	2	0	9
	1200	2	0	0	1	1	0	2	13	5	12	11	3	0	11
	1500	0	0	0	1	1	0	4	22	2	22	7	2	0	7
	1800	0	0	2	0	0	0	1	12	6	18	7	2	0	8
	2100	0	1	1	0	0	0	0	16	7	15	9	0	0	8
	TOTAL	7	2	10	6	1	0	20	133	38	141	70	2	0	9
[illegible]	0000	12	0	0	0	1	2	13	1	0	21	7	2	0	7
	0300	9	0	1	0	1	1	11	8	0	28	3	0	0	7
	0600	14	0	0	0	0	0	8	8	1	20	10	0	0	12
	0900	10	0	1	1	1	0	10	8	0	12	18	1	0	14
[illegible]NIYA	1200	8	0	0	0	1	2	11	9	0	14	16	1	0	11
	1500	7	0	0	0	0	1	10	12	1	24	6	0	0	7
	1800	3	0	1	0	0	0	16	7	1	26	1	0	0	5
	2100	8	1	1	0	0	0	11	4	1	27	3	0	0	5
	TOTAL	71	1	4	1	4	8	93	59	7	125	54	2	0	8
[illegible]	0000	2	0	1	1	1	1	10	14	1	23	7	0	0	8
	0300	1	0	0	1	1	0	11	14	3	26	2	0	0	8
	0600	3	0	1	0	2	2	4	21	0	22	7	0	0	10
	0900	8	0	1	0	0	0	11	14	0	25	17	0	0	14
[illegible]YA	1200	9	1	1	1	1	0	10	15	0	21	18	0	0	13
	1500	9	0	1	1	1	0	8	13	0	20	11	0	0	12
	1800	5	0	1	1	1	0	8	15	1	27	5	0	0	9
	2100	3	0	0	2	1	1	6	16	1	25	5	0	0	8
	TOTAL	40	1	6	11	8	3	53	122	6	167	70	0	0	9
[illegible]	0000	5	1	2	1	1	0	4	15	2	27	2	0	0	7
	0300	3	1	0	1	1	0	9	10	4	25	2	0	0	7
	0600	7	0	1	1	1	0	3	17	1	27	3	0	0	6
	0900	7	1	3	1	1	0	4	15	1	25	5	0	0	10
[illegible]RAH	1200	5	0	0	1	1	0	9	21	1	25	5	0	0	7
	1500	6	0	0	1	1	0	9	21	0	29	2	0	0	5
	1800	4	0	0	0	0	2	5	18	0	27	4	0	0	6
	2100	4	0	0	1	2	1	5	16	2	27	2	0	0	6
	TOTAL	41	3	6	10	10	3	44	133	11	212	25	0	0	6
[illegible]	0000	3	0	0	0	0	1	[illegible]	8	10	20	1	0	0	5
	0300	1	0	0	0	0	1	[illegible]	9	5	21	5	0	0	7
	0600	1	0	0	0	0	0	[illegible]	21	1	14	16	0	0	7
	0900	1	0	0	0	0	1	[illegible]	15	2	11	17	1	0	14
[illegible]NIYA	1200	0	0	1	0	0	1	[illegible]	9	0	12	17	1	0	12
	1500	2	1	0	0	1	4	[illegible]	7	1	17	13	0	0	10
	1800	2	0	1	0	1	2	[illegible]	3	4	24	3	0	0	8
	2100	0	0	0	0	0	1	[illegible]	7	6	22	3	0	0	6
	TOTAL	10	1	2	0	4	11	[illegible]	79	29	142	75	2	0	8

JULY 1962 .

TABLE 14 .

الهطول اليومي (بالملمترات)

DAILY RAINFALL (MILLIMETERS) , tr. < 0.05 mm.

التاريخ	بغداد	موصل	سنجار	كركوك	خانقين	رطبة	حي	ديوانية	ناصرية	بصرة	سامية
DATE	BAGH-DAD	MOSUL	SINJAR	KIRKUK	KHAN-AQIN	RUTBAH	HAI	DIWA-NIYA	NASI-RIYA	BAS-RAH	HABB-ANIYA
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
31											
TOTAL											
NORMAL	-	0.1			0.5			0.2		0.2	
MAX. FALL IN 24 HOURS	tr.	2.3		0.3	9.1	tr.		3.7	tr.	3.2	tr.
DAY	9th	8		11	10	9		30	30	30	3
YEAR	1950	1943		1947	1938	1950		1945	1954	1945	1954

TABLE - 15.

CLIMATOLOGICAL SUMMARY : الملخصات المناخية

No. OF DAYS OF PHENOMENAS :

STATIONS	RAIN	SNOW	HAIL	THUNDER STORM	FOG	DUST	STATE OF SKY CLEAR	STATE OF SKY CLOUDY
BAGHDAD	0	0	0	0	0	1	31	0
MOSUL	0	0	0	0	0	0	28	0
SINJAR	0	0	0	0	0	0	31	0
KERBUK	0	0	0	0	0	0	31	0
KHANAQIN	0	0	0	0	0	0	31	0
AMARAH	0	0	0	0	0	0	30	0
HAI	0	0	0	0	0	0	29	0
DIWANIYA	0	0	0	0	0	0	31	0
NASIRIYA	0	0	0	0	0	3	27	0
BASRAH	0	0	0	0	0	1	29	0
HABBANIYA	0	0	0	0	0	0	30	0

TABLE - 16.

DURATION OF SUNSHINE: مدة سطوع الشمس :

STATIONS	MONTHLY TOTAL SUNSHINE HOURS	MAX. SUNSHINE IN ONE DAY HOURS	MAX. SUNSHINE IN ONE DAY DATE	No. OF DAYS WITHOUT SUNSHINE
BAGHDAD	394.4	13.6	3rd.	0
MOSUL	394.1	13.2	3,5&26th	0
BASRAH	345.4	13.6	1st.	0
HABBANIYA	394.8	13.2	1,2&3rd.	0

TABLE - 17. المعدل الشهري لحرارة العشب و التربة ، اعلى سرعة ريح خلال ساعة

MONTHLY MEAN OF: and, HIGHEST WIND SPEED IN (KNOTS)

STATIONS	MEAN GRASS MINIMUM C° TEMPERATURES	MEAN EARTH TEMPERATURES 0.3 M	MEAN EARTH TEMPERATURES 1.2 M	HIGHEST WIND SPEED	DIRECTION	TIME GMT.	DATE
BAGHDAD	21.0	35.6	30.3	15	360	1200	22nd
MOSUL	,,,,	36.9	31.5	25	280	1200	22nd
SINJAR	,,,,	,,,,	,,,,	36	310	0300	21st
KERBUK	20.6	32.9	29.7	30	050	0600	7th
KHANAQIN	,,,,	,,,,	,,,,	26	180	0900	28th
AMARAH	,,,,	,,,,	,,,,	25	280	0000	13&18
HAI	24.4	,,,,	,,,,	32	340	0900	5th.
DIWANIYA	,,,,	,,,,	,,,,	23	330	09&12	5th.
NASIRIYA	25.0	36.4	31.1	25	320	0600	5th.
BASRAH	20.7	,,,,	,,,,	17	310	1200	5th.
HABBANIYA	24.0	35.8	31.5	23	280	1200	5th.

RADIOSONDE OBSERVATIONS AT STANDARD LEVELS (TIME 000z GMT.) AT BAGHDAD AIRPORT

	* 1000-mbs.,					850-mbs.,					700-mbs.,					600-mbs.,					500-mbs.,				
DATE	HHH	TT	T_dT_d	dd	ff	HHH	TT	T_dT_d	dd	ff	HHH	TT	T_dT_d	dd	ff	HHH	TT	T_dT_d	dd	ff	HHH	TT	T_dT_d	dd	ff
1	501	-	-	-	-	144	29	53	35	06	312	14	50	32	13	440	05	72	32	15	586	53	84	30	20
2	001					148	29	53	29	17	315	13	63	27	18	442	05	74	27	21	589	53	84	-	-
3	001					147	28	55	29	20	314	12	66	27	13	442	07	71	26	21	589	54	86	28	26
4	001					147	26	53	33	16	313	13	63	28	30	441	06	73	-	-	587	54	77	-	-
5	003					146	23	60	-	-	313	15	68	-	-	441	06	74	-	-	588	50	79	-	-
6	-					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	502					146	32	05	01	14	315	18	55	13	06	444	06	62	09	09	590	53	70	16	18
8	504					143	31	05	30	14	313	17	53	25	04	442	07	62	23	07	588	53	67	27	07
9	504					143	30	06	24	17	312	16	54	17	10	440	03	71	-	-	585	52	77	-	-
10	502					144	28	02	28	14	311	12	57	29	14	438	03	72	-	-	582	57	82	-	-
11	-					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	501					145	26	53	29	21	311	14	63	22	03	439	03	66	15	13	584	54	86	-	-
13	503					143	28	08	32	12	311	14	54	15	07	438	03	64	14	09	583	57	73	-	-
14	505					142	28	02	31	24	309	14	55	30	15	436	02	57	29	16	582	52	78	29	17
15	504					142	29	01	26	08	310	12	59	18	15	436	06	77	-	-	583	52	95	-	-
16	502					144	28	06	22	20	312	13	02	26	10	437	00	-	-	-	584	52	-	-	-
17	501					145	28	53	-	-	312	13	61	-	-	440	08	77	-	-	588	61	86	-	-
18	503					146	32	07	33	16	316	18	52	07	11	445	10	56	14	11	594	51	74	-	-
19	505					143	30	51	06	08	312	15	62	15	22	440	04	63	13	12	584	55	86	-	-
20	504					144	31	01	12	09	314	19	61	11	15	443	06	61	13	16	589	58	63	11	15
21	501					146	32	-	01	25	316	19	-	-	-	446	08	-	-	-	595	01	-	-	-
22	000					145	30	01	33	32	316	18	61	-	-	446	07	70	-	-	592	53	82	-	-
23	000					147	30	04	35	15	316	17	56	36	11	445	07	63	-	-	592	53	75	-	-
24	000					147	32	53	31	17	317	16	64	28	08	445	05	68	-	-	591	55	75	-	-
25	001					149	32	12	-	-	319	17	51	-	-	447	06	57	-	-	594	54	66	-	-
26	001					147	31	07	33	23	317	17	54	34	14	445	05	61	-	-	590	57	71	-	-
27	001					148	31	56	34	18	317	16	65	33	20	445	05	75	-	-	592	52	81	35	13
28	000					146	29	00	32	17	315	17	56	33	15	444	07	62	32	12	592	52	81	35	13
29	502					146	31	63	31	17	315	16	73	32	10	442	04	79	33	11	588	56	86	33	15
30	000					147	29	00	36	15	315	15	54	31	18	441	01	62	30	18	586	53	77	29	13
31	-					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEANS	501					145	29	01	-	17	314	15	57	-	13	442	05	67	-	13	588	52	79	-	16

NOTES: Heights are in decameter in all levels. Temperatures and dew points are in degrees centigrade. Temperatures and dew points below freezing are added 50. The sign (-) means not available or not [illegible]

* 500 added to all heights below 1000 millibars level heights.

TABLE 18-b.

Month: July 1962.

RADIOSONDE OBSERVATIONS AT STANDARD LEVELS (TIME : 0001 GMT.) AT BAGHDAD AIRPORT

	400-mbs.,					300-mbs.,					200-mbs.,					150-mbs.,					100-mbs.,				
DATE	HHH	TT	T_dT_d	dd	ff	HHH	TT	T_dT_d	dd	ff	HHHH	TT	T_dT_d	dd	ff	HHHH	TT	T_dT_d	dd	ff	HHHH	TT	T_dT_d	dd	ff
1	759	64	93	-	-	971	77	03	-	-	1252	97	-	-	-	1437	09	-	-	-	1682	24	-	-	-
2	761	64	92			973	78	06			1252	98				1436	12				1679	26			
3	759	71	95			966	86	08			1239	01	19			1422	10				1668	22			
4	760	65	89			972	78	07			1251	97	21			1436	11				1681	23			
5	763	62	89			977	75	02																	
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	764	61	83			978	78	98			1257	97	15			1443	09				1687	23			
8	763	61	86			978	75	00			1261	94	14			1449	06				1698	20			
9	759	64	90			971	78	04			1250	97													
10	755	62	87			969	76	01																	
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	757	63	93			971	75	02			1257	91	16			1448	02								
13	755	62	84			969	76	94			1252	95	11			1439	07	23							
14	757	60	87			973	73	96			1259	93	15												
15	757	61	02			972	75	11			1256	95				1443	08								
16	759	62				973	76				1254	97				1439	10								
17	762	63	94			975	77	03			1256	96				1441	09								
18	768	60	85			984	75	98			1268	95	13			1455	07								
19	756	64	93			967	82	05			1241	04													
20	761	64	83	12	21	972	81	95			1249	98	03			1433	11				1677	25			
21	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	766	63	86			978	79	02			1258	96													
23	765	65	88			975	83	03			1254	97	15			1438	14								
24	762	67	86			972	82	02			1250	98	16												
25	765	67	83			975	80	94			1253	96	08			1440	08	20							
26	761	66	83	-	-	-	-	-	-	-	-														
27	762	67	94			973	98	06			1252	98				1435	13				1676	25			
28	765	64	90			981	71	02			1273	84	11			1470	96	20			1732	09			
29	761	60	95			978	73	07			1263	91				1453	03				1706	18			
30	759	63	90			972	79	98			1251	96	11			1436	11	11			1678				
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEANS	761	64	89		21	973	78	02	-	-	1254	96	13			1442	08	19	-	-	1686	22	-	-	-

TABLE 19-a.

BAGHDAD AIRPORT

Month: July 1962.

Frequency of Horizontal Visibility

T I M E - G.M.T.

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -200M																									
>200 -500M																									
>500 -1000M									1/1																1
>1000 -1500M										1	1														2
>1500 -3000M					1							1	1	1				1							5
>3 -5KM			1	1		2	5	3	1								2	4	2						22
>5 -10KM			9	9	6	7	3	3	2	2	5	7	4	2	3	5	14	12	3	3	1		1		101
>10 -15KM	10	9	8	13	17	15	18	19	22	19	12	10	10	12	10	15	13	14	21	12	10	8	8	8	313
>15KM	21	22	13	8	7	7	5	6	5	8	13	13	16	16	18	11	2		5	16	20	23	22	23	300
Total	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	744

NOTE: In fields containing two numbers the first one gives the cases with dust in the air. the second number shows the total.

Frequency of different heights of cloud-base (amount 4-8 Oktas)

Height	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -50M																									
>50 -150M																									
>150 -300M																									
>300 -500M																									
>500 -900M																									
>900M	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	744

TABLE 19-b.

Month: July 1962.

BASRAH AIRPORT

Frequency of Horizontal Visibility

T I M E - G.M.T.

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -200M																									
>200 -500M						1		1																	2
>500 -1000M							1												1	1	1				4
>1000 -1500M				1	1				1							1	2	1	1						8
>1500 -3000M			1					1	1	2	3	2	2	3	2	2	2	2		1		1	1		26
>3 -5KM	1	1	1		1		1		1	1		1	1			1		2	1	1				1	15
>5 -10KM	2/3	2	1/2	1/6	1	2/3	1	1	1	2/3	2	1	1	1/2	2	2/4	4/5	2/3	2/3	2/3	4	4	4	1/3	64
>10 -15KM	4	6	9	8	10	7	7	8	8	6	8	12	11	9	6	1/4	5	3	4	4	3	3	4	7	156
>15KM	23	22	18	16	18	20	21	20	19	19	18	15	16	17	21	19	17	20	21	21	23	23	22	20	469
Total	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	744

NOTE: In fields containing two numbers the first one gives the cases with dust in the air. the second number shows the total.

Frequency of different heights of cloud-base (amount 4-8 Oktas)

Height	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -50M																									
>50 -150M																									
>150 -300M																									
>300 -500M																									
>500 -900M																									
900M	1	1	3	5	4	3	2											1						1	21

TABLE 20-a.

Month: July 1962.

BAGHDAD AIRPORT

Simultaneous occurrences of specified visibility ranges and specified lowest cloud-base (≥4 Oktas)

HEIGHT METERS	VISIBILITY 0-200M			>200-500M			>0.5-1KM			>1-1.5KM			>1.5-3KM			>3-5KM			>5-10KM			>10-15KM			>15KM			TOTAL		
0-50																														
>50-150																														
>150-300																														
>300-500																														
>500-900																														
<4/8 OR *																1	5		9	3	10	13	18	21	8	5	31	31	31
>900										1			1		1			2	4	5	19	10	15	8	16	11	31	31	31
AND ≥4/8											1			1	2		9	3		26	21	8	114	5	23	97	31	31	248
																1	5		9	3	10	13	18	21	8	5	31	31	31
TOTAL										1			1		1			2	4	5	19	10	15	8	16	11	31	31	31
											1			1	2		9	3		26	21	8	114	5	23	97	31	31	248

NOTE:

The nine fields for each combination of visibility and height contain the number of occurrences for different times using the following model :

00	03	06
09	12	15 GMT.
18	21	To

To= Total for all hours.

*ALL CASES WITH CLOUD AMOUNT OF LESS THAN 4/8 ARE ENTERED HERE.

TABLE 20-h. Month: July 1962.

BASRAH AIRPORT

Simultaneous occurrences of specified visibility ranges and specified lowest cloud-base (≥4 Oktas)

HEIGHT / METERS	VISIBILITY 0-200M			≥200-500M			≥0.5-1KM			≥1-1.5KM			≥1.5-3KM			≥3-5KM			≥5-10KM			≥10-15KM			≥15KM			TOTAL		
0-50																														
≥50-150																														
≥150-300																														
≥300-500																														
≥500-900																														
≤4/8 OR *									1		1					1		1	3	6	1	3	7	7	24	17	21	31	31	31
≥900												1	2	2	2	1	1	1	3	2	5	6	10	3	19	16	19	31	31	31
AND ≥4/8							1		3	1		3		1	7	1		6	3	4	27	4	4	44	21	22	159	31	31	248
									1		1					1		1	3	6	1	3	7	7	24	17	21	31	31	31
TOTAL												1	2	2	2	1	1	1	3	2	5	6	10	3	19	16	19	31	31	31
							1		[illegible]	1		3		1	7	1		[illegible]	3	4	27	4	4	44	21	22	159	31	31	248

NOTE:

The nine fields for each combination of visibility and height contain the number of occurrences for different times using the following model :

00	03	06	
09	12	15	GMT.
18	21	To	

To= Total for all hours

* ALL CASES WITH CLOUD AMOUNT OF LESS THAN 4/8 ARE ENTERED HERE.

الجمهورية العراقية

وزارة المواصلات

مديرية الطيران المدني العامة

REPUBLIC OF IRAQ

MINISTRY OF COMMUNICATIONS

DIRECTORATE GENERAL OF CIVIL AVIATION

مديرية الانواء الجوية

METEOROLOGICAL DEPARTMENT

شعبة احصائيات المناخ

CLIMATOLOGICAL SECTION

تقرير المناخ الشهري

Monthly Climatological Data

No. 8
Vol. 25
Month August
Year 1962

العدد ٨
مجلد ٢٥
الشهر آب
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WEATHER BUREAU

الجمهورية العراقيـــــة

وزارة المواصـــــــــلات

مديرية الطيران المدني العامـــــة

مديرية الانواء الجويـــــــة

شعبة المنـــــاخ

بغداد

I R A Q R E P U B L I C

MINISTRY OF COMMUNICATIONS

DIRECTORAGE GENERAL OF CIVIL AVIATION

METEOROLOGICAL DEPARTMENT

CLIMATOLOGICAL SECTION

B A G H D A D

معلومات مناخية لشهر آب ١٩٦٢ .

MONTHLY CLIMATOLOGICAL DATA FOR AUGUST 1962

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C O N T E N T S

	TABLE	PAGE
Daily mean temperatures	1	1
" " pressure at M.S.L.	2	2
" " relative humidity	3	3
Daily maximum and minimum temperatures	4ab	4-5
Monthly mean Dry-Bulb temperatures	5	6
" " Wet-Bulb "	6	6
" " Pressure at M.S.L.	7	6
" " Relative Humidity	8	6
" " Vapour pressure	9	7
" " Dew-Point	10	7
" " Low-Cloud amount	11	7
" " Total-Cloud amount	12	7
Surface-Wind, number of observations of :	13ab	8-9
Daily precipitation	14	10
Climatological summary	15	11
Duration of sunshine	16	11
Monthly mean temperature of grass & earth, with highest hourly wind speed.	17	11
Frequency of horizontal visibility at Baghdad & Basrah	18ab	12-13
Combined statistics of visibility and cloud base at Baghdad & Basrah	19ab	14-15

المحتويـــات

المعدل اليومي لدرجات الحرارة	1	1
" " للضغط الجوي على سطح البحر	2	2
" " للرطوبة النسبية	3	3
درجات الحرارة العظمى و الصغرى اليومية	4-5	4-5
المعدل الشهري لدرجات الحرارة للبصلة الجافة	6	6
" " " " الرطبة	6	6
" " للضغط الجوي على سطح البحر	7	6
" " للرطوبة النسبية	8	6
" " لضغط البخار	9	7
" " لدرجة الندى	10	7
" " لكمية الغيوم الواطئة	11	7
" " لمجموع كمية الغيوم	12	7
عدد تكرار رصدات الرياح السطحية	13ab	8-9
الهطول اليومي	14	10
الملخصات المناخية	15	11
مدة سطوع الشمس	16	11
المعدل الشهري لحرارة الحشيش و التربة و اقصى سرعة ريح حدثت خلال ساعة	17	11
تذبذبات كل من مدى الرؤيا و ارتفاع الغيوم في بغداد و البصرة	18ab	12-13
احصائيات مزدوجة لمدى الرؤيا و لقاعدة الغيوم في بغداد و البصرة	19ab	14-15

آب ١٩٦٢

AUGUST 1962 .

TABLE - 1 .

المعدل اليومي لدرجات الحرارة (سنتغراد)

DAILY MEAN TEMPERATURES (C°) OF 8 OBSERVATIONS

التاريخ	بغداد	موصل	سنجار	كركوك	رطبة	حي	ديوانية	ناصرية	بصرة	حبانية
DATE	BAGH-DAD	MOSUL	SINJAR	KIRKUK	RUTBAH	HAI	DIWA-NIYA	NASI-RIYA	BAS-RAH	HABB-ANIYA
1	38.0	36.3	37.3	35.9	33.2	37.0	37.2	38.0	35.4	37.2
2	35.6	34.6	34.6	35.7	31.8	37.4	36.2	38.8	35.2	34.4
3	34.3	33.1	38.9	35.3	31.1	34.9	34.5	35.8	34.7	34.7
4	34.7	35.2	35.7	36.1	30.4	34.2	34.2	35.9	33.4	36.0
5	36.5	34.2	34.9	37.1	35.0	33.3	35.4	36.2	35.1	35.9
6	36.7	36.4	36.1	38.6	31.6	34.2	36.3	36.2	35.3	37.1
7	37.4	33.6	37.8	38.2	32.4	35.1	37.2	36.7	35.6	35.9
8	37.8	34.4	38.1	39.5	34.0	36.0	37.7	37.2	36.2	36.9
9	37.6	37.7	37.8	39.7	32.7	37.7	38.2	39.6	36.4	37.7
10	38.2	36.0	38.4	38.9	33.2	37.5	37.5	38.3	35.2	36.2
11	37.7	34.3	37.0	37.7	33.0	35.5	36.4	37.5	37.3	38.3
12	36.2	33.2	37.3	37.6	32.0	35.9	36.4	38.4	33.7	36.4
13	37.1	36.0	37.5	36.9	30.8	35.1	35.5	36.5	35.7	35.0
14	37.1	35.0	37.1	37.7	31.0	34.8	36.4	36.8	37.2	35.6
15	37.4	34.1	35.7	37.7	32.8	35.1	37.8	37.1	37.1	37.8
16	38.6	34.2	38.6	38.8	33.2	35.4	37.2	38.2	37.9	36.9
17	39.0	34.7	39.4	39.3	33.5	36.5	37.2	39.7	37.3	37.0
18	38.2	35.2	39.7	39.7	33.3	35.6	37.4	37.8	37.5	37.4
19	38.4	37.7	38.1	36.9	31.7	35.5	37.0	37.0	36.8	38.3
20	35.4	33.5	36.1	36.0	32.5	37.0	35.5	37.5	36.4	34.6
21	35.4	34.9	36.7	35.0	35.8	35.5	35.9	37.8	35.8	33.9
22	35.4	32.6	34.1	34.2	31.3	35.5	36.5	37.8	37.0	34.7
23	36.4	32.3	32.7	34.4	29.0	36.0	36.2	37.1	42.3	34.1
24	36.6	30.6	32.4	33.1	30.6	36.5	36.3	37.7	35.1	34.2
25	37.0	31.5	34.2	34.6	31.8	36.0	36.8	37.9	36.4	36.1
26	37.7	33.8	36.6	36.1	33.5	37.5	37.2	38.8	33.4	37.0
27	36.8	33.7	37.2	36.2	33.9	37.1	37.1	37.3	35.1	36.1
28	35.8	35.1	37.6	37.2	33.4	36.0	35.9	37.9	35.4	36.0
29	36.7	34.6	36.0	36.1	31.9	37.1	36.4	37.9	34.9	35.3
30	33.9	31.0	34.0	33.1	29.7	35.6	35.4	36.5	34.0	32.0
31	32.9	31.4	33.4	34.2	29.6	33.8	33.5	34.8	33.5	31.8
AVERAGE	36.6	34.2	36.5	36.7	32.1	35.8	36.4	37.5	35.9	35.8
NORMAL	33.5	32.6	36.5	31.8	30.5	36.0	33.6	34.6	33.6	34.4
YEARS OF NORMAL	1937 1956	1923 1956	1962 1962	1935 1956	1928 1956	1940 1956	1939 1956	1940 1956	1937 1956	1935 1956

NOTE: TIME - G.M.T.

$\frac{0000+0300+0600+0900+1200+1500+1800+2100}{8}$ = DAILY MEAN

AUGUST 1962. (TABLE - 2)

DAILY MEAN PRESSURE (MILLIBARS) AT M.S.L. المعدل اليومي للضغط الجوي على سطح البحر (ملليبارات)

DATE	BAGHDAD	MOSUL	SINJAR	KIRKUK	RUTBAH	HAI	DIWANIYA	NASIRIYA	BASRAH	HABBANIYA
1	999.6	1001.0	1000.7	1000.3	1002.9	997.4	999.2	998.0	997.7	1000.6
2	97.2	999.8	997.5	996.7	00.5	95.3	96.8	95.8	95.6	997.8
3	97.4	97.3	97.4	96.5	01.9	96.3	97.7	97.3	97.6	98.1
4	97.4	01.1	01.2	98.7	03.6	96.6	97.7	97.8	98.7	98.5
5	96.2	99.9	99.9	97.6	02.1	95.0	96.0	95.8	96.0	97.7
6	95.1	97.4	97.9	95.7	999.7	94.4	94.5	94.4	95.3	95.7
7	98.7	00.2	99.8	99.2	00.7	97.8	97.5	97.6	98.6	98.7
8	1002.2	04.0	03.6	02.7	04.1	1001.3	1001.3	1001.4	1001.8	02.2
9	02.7	05.1	05.3	03.9	06.3	00.1	02.1	01.5	02.1	03.5
10	00.4	03.1	02.9	01.9	04.8	98.9	99.9	99.2	99.3	01.1
11	97.3	99.9	97.8	98.5	01.2	96.1	96.6	96.3	96.9	97.6
12	97.4	99.1	98.2	97.8	00.9	96.8	97.4	97.2	98.2	98.1
13	97.6	98.9	98.2	98.3	99.1	98.7	97.5	97.2	98.0	98.0
14	97.1	98.6	98.1	98.1	98.0	97.0	96.7	96.9	98.0	97.2
15	97.1	99.8	99.0	98.8	96.9	97.1	96.1	96.9	98.2	96.9
16	98.7	00.9	00.2	99.9	99.0	98.2	98.1	98.1	98.9	98.7
17	99.5	01.6	01.0	00.5	99.8	98.8	99.0	97.7	99.6	99.8
18	99.5	00.6	00.1	99.7	02.6	98.4	98.9	97.5	99.6	99.7
19	99.1	00.2	00.3	00.0	02.9	98.2	98.7	98.4	99,0	99.8
20	98.8	98.7	97.8	98.4	99.5	97.2	98.6	98.0	97.7	99.2
21	97.9	97.1	96.7	97.3	99.5	97.2	97.9	97.8	98.2	98.0
22	00.7	01.0	99.9	01.4	02.6	99.1	99.3	99.1	00.1	00.9
23	03.0	03.9	03.3	03.9	05.5	00.7	01.7	00.6	01.6	03.6
24	06.0	07.6	07.1	07.2	06.7	03.8	04.5	03.8	03.8	06.2
25	06.6	09.7	09.2	08.5	06.8	04.5	05.5	04.9	04.6	06.8
26	05.3	08.4	08.6	06.9	06.8	01.9	04.0	02.6	02.7	05.8
27	03.0	05.4	05.2	03.6	05.5	00.7	02.2	02.5	01.0	03.9
28	02.0	04.0	04.6	02.3	05.5	00.6	01.9	01.4	01.3	03.0
29	02.4	04.2	03.8	03.2	05.7	01.4	01.9	00.7	00.6	03.5
30	03.0	03.3	02.6	03.2	05.0	01.1	02.4	01.7	01.5	03.1
31	03.6	04.0	03.2	03.6	05.0	02.4	03.2	02.9	03.4	03.6
MEANS	1000.1	1001.8	1001.4	1000.8	1002.6	998.8	999.5	999.9	999.5	1000.6
NORMAL	1000.6	1000.8	1001.4	999.2	1003.7	998.9	999.4	998.4	998.9	1000.8

STATIONS	1962 HIGHEST	DAY	TIME	YEAR	1962 LOWEST	DAY	TIME	YEAR	RECORD HIGHEST	DAY	TIME	YEAR	RECORD LOWEST	DAY	TIME	YEAR
BAGHDAD	1007.6	25th	0600	1962	994.0	6th	1500	1962	1007.6	25th	0600	1962	992.7	3rd	1500	1954
MOSUL	1010.7	26	0600	1962	994.4	2	1500	1962	1010.7	26	0600	1962	992.1	7	1500	1958
SINJAR	1010.2	26	0600	1962	995.1	2	1500	1962	1010.2	26	0600	1962	995.1	2	1500	1962
KIRKUK	1009.7	25	2100	1962	993.8	6	1500	1962	1009.7	25	2100	1962	990.1	13	1500	1952
RUTBAH	1008.5	26	0600	1962	996.4	15	1500	1962	1008.5	26	0600	1962	992.0	2	0000	1961
HAI	1005.7	25	0900	1962	993.3	6	1500	1962	1005.7	25	0900	1962	992.7	4	1500	1953
DIWANIYA	1006.0	25	0600	1962	993.3	6	1500	1962	1006.0	25	0600	1962	991.8	3	1500	1954
NASIRIYA	1006.0	25	0600	1962	993.2	6	1500	1962	1006.0	25	0600	1962	992.1	3	2100	1954
BASRAH	1005.5	25	0600	1962	994.2	6	1500	1962	1005.5	25	0600	1962	992.4	3	1500	1954
HABBANIYA	1008.0	25	0600	1962	994.7	6	1500	1962	1008.0	25	0600	1962				

آب ١٩٦٢

AUGUST 1962 .
TABLE - 3 .

المعدل اليومي للرطوبة النسبية (٪)

DAILY MEAN RELATIVE HUMIDITY (%) OF 8 OBSERVATIONS

التاريخ DATE	بغداد BAGHDAD	موصل MOSUL	سنجار SINJAR	كركوك KIRKUK	رطبة RUTBAH	حي HAI	ديوانية DIWANIYA	ناصرية NASIRIYA	بصرة BASRAH	حبانية HABBANIYA
1	18	34	16	14	14	33	21	18	37	27
2	23	33	18	16	28	28	21	20	43	38
3	28	36	16	20	27	29	28	25	41	31
4	27	35	19	23	15	30	31	27	42	29
5	30	40	22	20	12	39	31	33	39	23
6	30	37	19	19	15	36	29	44	72	33
7	28	41	16	19	19	38	27	48	54	33
8	30	47	18	17	12	41	30	41	50	30
9	22	38	19	17	12	31	28	32	47	18
10	18	48	17	17	12	28	23	29	47	25
11	22	41	19	10	12	35	29	35	35	30
12	23	47	20	14	18	38	28	33	46	34
13	27	33	20	17	21	37	30	32	37	36
14	23	35	23	14	13	35	27	36	36	34
15	22	42	24	17	15	35	26	45	76	30
16	28	46	20	15	15	34	32	45	46	35
17	26	47	18	13	20	33	32	29	46	39
18	24	38	18	12	22	35	26	33	37	37
19	27	34	19	18	15	35	27	34	35	28
20	30	43	25	23	16	26	30	21	35	36
21	28	34	20	21	18	31	29	25	42	36
22	27	43	30	21	21	32	24	28	37	33
23	26	42	32	23	21	30	23	22	47	38
24	24	45	36	22	27	25	23	19	47	36
25	22	47	26	20	20	25	20	17	35	32
26	21	35	21	16	18	21	21	13	42	26
27	21	40	19	20	16	25	22	17	43	23
28	23	30	18	20	21	24	25	15	38	21
29	21	32	19	17	17	22	22	15	42	23
30	29	43	27	23	16	25	24	17	44	35
31	31	47	27	20	25	30	32	22	41	38
[illegible]	25	40	21	18	18	31	27	28	44	31
[illegible]	24	30	21	20	25	25	30	29	49	25

1 9 6 2

STATIONS	HIGHEST	TIME GMT.	DAY	LOWEST	TIME GMT.	DAY
BAGHDAD	50	0300	6,13&22nd	5	1200	1st.
MOSUL	82	0000	12	14	0900	18
SINJAR	45	0300	24	12	1500	1
KIRKUK	38	0300	24	3	1200	1
RUTBAH	53	0300	3	4	1200	9
HAI	59	0600	13	11	1200	26
DIWANIYA	50	0300	6	10	1200	20&29
NASIRIYA	82	0300	7	6	09&12	28
BASRAH	93	0300	7	11	1200	27
HABBANIYA	63	0300	21	10	1200	9&27

AUGUST 1962 .

(4)

آب ١٩٦٢

TABLE 4a .

درجات الحرارة العظمى و الصغرى اليومية (سنتغراد)

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

التاريخ	بغداد		موصل		سنجار		كركوك		خانقين		رطبة	
	BAGHDAD		MOSUL		SINJAR		KIRKUK		KHANAQIN		RUTBAH	
	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DATE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	47.2	27.8	46.2	24.2	41.6	30.8	45.0	27.0	46.4	22.8	43.0	23.4
2	44.3	24.7	44.4	25.2	39.8	28.3	43.9	26.5	45.0	24.4	37.6	22.7
3	43.7	24.0	44.2	20.0	39.5	29.3	43.0	27.2	43.3	26.1	37.0	23.7
4	44.2	23.0	42.0	25.2	39.8	28.2	41.6	30.5	45.0	23.9	37.4	22.2
5	44.4	26.2	44.4	23.0	38.6	28.1	42.2	32.2	45.0	30.0	38.4	22.8
6	44.9	26.5	44.4	28.0	40.0	30.1	45.0	33.1	45.0	32.2	39.7	22.3
7	45.3	25.5	45.4	20.4	41.5	29.8	45.4	30.1	45.6	29.0	41.2	22.8
8	46.4	27.1	46.6	21.2	42.6	30.8	45.5	32.9	47.2	30.6	42.0	25.3
9	47.5	26.5	47.8	27.4	41.6	30.2	45.0	34.6	47.2	29.4	41.5	24.5
10	47.4	26.6	47.2	23.2	42.0	30.8	44.6	33.8	47.2	33.3	41.5	24.4
11	46.3	26.8	45.4	24.6	41.2	29.8	43.2	33.4	45.0	30.0	41.5	24.5
12	45.0	25.1	44.4	20.4	40.8	28.6	44.5	32.0	46.7	26.1	40.8	25.2
13	44.0	26.6	46.0	22.2	41.1	30.8	44.5	28.4	44.4	30.6	39.6	22.0
14	44.2	29.4	45.3	23.7	40.6	30.2	44.6	32.0	43.9	27.8	39.6	20.5
15	45.2	28.8	46.4	24.0	40.8	29.8	44.5	30.7	45.6	28.9	40.8	23.4
16	46.2	28.5	47.6	22.3	42.1	31.7	46.5	30.2	48.3	28.9	42.0	24.0
17	48.5	28.5	48.2	20.4	44.6	31.8	46.4	29.1	47.2	32.2	41.7	24.6
18	47.3	26.7	49.4	20.1	43.2	32.7	46.5	33.2	47.2	26.1	42.0	24.7
19	47.1	27.3	46.2	26.8	42.0	32.3	45.5	28.1	46.1	26.1	40.5	24.1
20	44.0	26.4	43.8	19.8	40.8	27.2	42.4	27.9	43.9	27.2	40.8	23.0
21	44.5	23.3	45.4	20.8	40.8	30.1	44.9	26.3	42.8	26.1	39.6	24.0
22	43.1	22.4	43.0	19.2	37.8	27.0	41.9	25.1	42.8	25.0	39.0	21.3
23	43.4	26.0	43.0	18.4	36.8	26.3	43.0	25.6	43.9	26.1	37.0	20.3
24	42.8	25.6	40.6	17.6	37.2	27.0	40.2	24.2	42.2	26.1	39.0	21.2
25	44.4	27.8	42.3	18.4	38.8	26.3	42.1	26.0	43.9	24.8	41.0	22.7
26	45.9	30.2	43.8	21.4	40.2	29.8	43.0	28.7	45.0	27.2	42.0	22.4
27	45.8	26.8	46.4	18.6	41.1	30.2	43.8	26.9	46.7	25.0	43.4	22.5
28	46.0	23.6	45.6	23.7	41.2	29.3	43.9	29.1	46.1	25.0	42.0	25.0
29	46.0	26.3	45.8	23.2	40.2	30.1	43.7	28.7	45.6	27.2	42.4	23.4
30	42.3	24.1	43.4	16.2	38.2	26.8	41.8	24.7	42.2	24.4	39.6	18.3
31	42.5	22.0	43.0	17.8	39.0	25.3	42.5	25.8	41.7	24.4	39.0	21.2
MEANS	45.2	26.1	45.1	21.9	40.5	29.3	43.9	29.2	45.1	27.4	40.4	23.0
NORMAL	43.3	24.6	43.2	21.0	40.5	29.3	42.3	26.0	43.2	25.0	39.0	21.1

STATIONS	HIGHEST MAX. C°	DAY	YEAR	LOWEST MIN. C°	DAY	YEAR
BAGHDAD	50.2	5th	1957	17.8	22nd	1937
MOSUL	49.8	6th	1957	12.8	26th	1952
SINJAR	44.6	17th	1962	25.3	31st	1962
KIRKUK	47.4	6th	1956	19.4	26th	1941
KHANAQIN	49.5	8th	1938	11.6	24th	1942
RUTBAH	45.6	10th	1930	15.0	25th	1949

آب ١٩٦٢

AUGUST 1962

TABLE - 4b

درجات الحرارة العظمى و الصغرى اليومية (سنتغراد)

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

	حي		ديوانية		ناصرية		بصرة		حبانية	
	HAI		DIWANIYA		NASIRIYA		BASRAH		HABBANIYA	
التاريخ	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DATE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	46.8	28.0	46.6	28.6	48.0	27.6	43.0	28.3	46.7	27.2
2	46.2	29.2	45.0	25.5	48.6	28.5	42.8	27.6	43.4	26.9
3	42.5	24.9	44.0	24.3	45.2	25.2	41.1	26.0	43.4	25.6
4	42.8	24.2	43.7	23.6	44.5	25.5	41.5	26.4	44.0	27.5
5	43.0	24.6	44.0	27.9	44.5	28.6	43.5	27.5	44.9	27.8
6	43.0	24.2	44.8	25.8	45.0	27.8	45.9	29.1	46.7	28.5
7	44.4	25.0	46.0	28.8	45.9	28.3	43.6	28.8	46.6	27.0
8	45.2	27.4	46.2	27.6	46.5	28.7	45.3	28.1	48.3	28.4
9	46.4	30.4	48.0	27.4	49.0	28.6	45.0	30.5	48.0	28.7
10	46.2	28.9	48.0	29.0	47.2	30.3	46.7	29.1	47.5	27.4
11	45.4	26.2	46.8	23.8	47.3	26.6	46.3	28.5	48.4	30.6
12	45.4	27.2	44.5	29.5	47.4	29.5	44.8	29.0	45.0	27.2
13	42.8	27.4	44.0	26.3	46.0	26.3	42.0	29.5	45.2	27.3
14	43.4	26.3	45.0	27.2	47.0	25.0	46.5	28.3	45.6	27.5
15	45.0	24.2	46.7	28.5	46.3	29.0	44.4	30.3	47.1	27.3
16	46.3	27.7	47.2	27.6	47.0	29.6	46.0	32.0	47.2	27.8
17	46.6	28.8	47.8	29.5	48.5	33.1	46.5	30.0	48.9	26.7
18	47.0	25.2	47.7	26.6	47.1	28.4	46.3	30.0	48.3	28.9
19	46.2	25.2	47.2	27.5	47.3	27.6	47.5	27.6	46.5	31.7
20	44.8	31.0	44.9	27.2	47.2	28.5	47.0	29.0	45.0	25.5
21	44.7	25.3	46.0	24.4	47.4	28.7	45.0	27.6	45.0	24.7
22	45.0	26.6	46.2	26.0	47.4	28.8	46.2	28.4	44.5	25.9
23	44.8	26.3	44.8	28.5	46.0	25.3	47.4	30.0	42.8	26.0
24	44.9	28.2	45.2	27.6	46.7	27.9	42.7	27.5	43.3	24.6
25	44.7	28.0	45.5	29.6	46.6	30.6	44.8	30.2	45.3	26.1
26	46.2	27.2	46.8	28.0	47.2	28.9	41.7	27.8	46.7	27.5
27	45.0	28.0	46.7	27.7	48.5	27.8	47.4	25.0	46.1	27.8
28	44.8	27.2	45.8	25.6	47.8	27.5	43.8	27.5	46.4	26.7
29	45.9	29.2	46.8	26.1	47.3	28.3	45.1	26.8	45.4	27.6
30	44.2	29.0	45.3	25.5	46.6	27.4	41.9	28.4	42.2	23.6
31	42.8	24.4	43.8	23.0	45.0	23.2	43.8	25.7	42.8	22.4
MEANS	46.2	27.0	45.8	26.9	46.8	28.0	44.7	28.5	45.7	27.1
NORMAL	44.3	26.1	42.9	22.8	44.1	24.6	41.1	26.2	43.8	24.8

STATIONS	HIGHEST MAX. C°	DAY	YEAR	LOWEST MIN. C°	DAY	YEAR
HAI	48.9	26th	1943	18.9	30th	1941
DIWANIYA	48.3	26	1943	16.1	29	1941
NASIRIYA	49.4	15	1951	16.1	24	1946
BASRAH	48.9	9	1938	20.0	29	1941
HABBANIYA	50.0	1&8	1938	19.4	29	1941

TABLE - 5 . المعدل الشهري لدرجات الحرارة للصلة الجافة (سنتغراد)

MONTHLY MEAN DRY-BULB TEMPERATURES (Centigrade)

	TIME - G. M. T.								
STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	30.8	28.4	35.6	42.3	44.6	42.4	35.7	33.0	36.6
MOSUL	25.7	23.8	34.2	42.5	44.2	41.5	33.3	28.3	34.2
SINJAR	----	31.8	35.1	38.0	39.7	39.0	34.9	----	36.4
KIRKUK	31.5	30.3	37.7	41.8	43.1	40.9	35.1	33.1	36.7
KHANAQIN	----	29.1	39.8	43.4	44.3	42.6	36.8	----	39.3
RUTBAH	25.3	23.5	31.1	37.2	41.0	38.4	32.3	28.0	32.1
HAI	29.9	28.0	35.4	43.3	44.3	39.9	34.0	31.9	35.8
DIWANIYA	29.3	27.9	36.5	43.8	45.7	41.7	34.5	31.7	36.4
NASIRIYA	30.6	28.9	37.7	44.7	46.1	42.9	36.1	32.6	37.5
BASRAH	30.6	29.0	35.6	41.8	43.6	39.6	34.9	32.4	35.9
HABBANIYA	28.7	26.1	34.8	43.0	45.0	41.7	34.4	31.5	35.7

TABLE - 6 . المعدل الشهري لدرجات الحرارة للصلة الرطبة (سنتغراد)

MONTHLY MEAN WET-BULB TEMPERATURES (Centigrade)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	19.7	18.5	22.1	23.9	23.7	23.8	22.2	20.8	21.8
MOSUL	19.3	18.3	22.9	25.9	25.9	25.1	22.2	20.1	22.5
SINJAR	----	19.0	20.7	21.8	22.2	21.9	20.1	----	20.9
KIRKUK	17.9	17.6	20.8	22.2	22.2	21.4	19.7	18.7	20.1
KHANAQIN	----	16.7	21.2	21.9	22.3	21.6	20.1	----	20.6
RUTBAH	14.8	14.4	17.6	19.1	19.5	18.7	16.8	15.2	17.0
HAI	19.5	18.7	23.3	24.8	24.8	24.5	21.3	20.3	22.2
DIWANIYA	19.0	18.6	22.8	24.7	24.7	24.2	21.8	20.1	22.0
NASIRIYA	20.3	19.5	23.4	25.3	25.1	24.8	23.3	21.8	22.9
BASRAH	23.5	22.7	25.5	26.6	26.8	26.8	26.0	24.1	25.3
HABBANIYA	19.8	18.6	23.1	25.2	25.7	25.1	22.4	21.1	22.6

TABLE - 7. المعدل الشهري للضغط الجوي على سطح البحر (ملليبارات)

MONTHLY MEAN PRESSURE AT M.S.L. (Millibars)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	99.6	00.3	01.3	01.0	99.5	98.8	00.0	00.1	1000.1
MOSUL	02.4	03.3	03.1	01.8	00.1	99.5	01.4	02.2	1001.7
SINJAR	----	02.4	02.4	01.8	00.7	00.2	01.4	----	1001.5
KIRKUK	01.2	02.0	01.7	00.8	99.2	98.9	01.0	01.4	1000.8
KHANAQIN	----	01.0	99.8	99.0	98.0	98.0	99.[illegible]	----	999.2
RUTBAH	02.5	03.2	03.7	03.0	02.1	01.9	02.[illegible]	02.4	1002.6
HAI	98.2	98.8	00.2	99.7	98.1	97.5	98.7	98.9	998.8
DIWANIYA	99.3	99.8	00.5	00.3	98.8	98.3	99.4	99.9	999.5
NASIRIYA	98.7	99.5	00.3	99.7	98.3	97.9	99.0	99.2	999.1
BASRAH	99.1	99.7	00.7	00.4	99.1	98.5	99.3	99.6	999.6
HABBANIYA	00.4	00.9	01.8	01.2	99.9	99.5	00.4	00.5	1000.6

TABLE - 8 . المعدل الشهري للرطوبة النسبية (%)

MONTHLY MEAN RELATIVE HUMIDITY (%)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	32	36	28	18	14	18	28	30	25
MOSUL	57	60	38	26	23	26	39	48	40
SINJAR	--	26	23	20	18	18	21	--	21
KIRKUK	22	25	18	14	12	13	19	21	18
KHANAQIN	--	24	14	10	10	11	17	--	14
RUTBAH	27	32	22	13	9	9	14	19	18
HAI	38	42	36	21	18	28	32	35	31
DIWANIYA	34	38	28	18	15	20	29	31	27
NASIRIYA	36	39	27	19	15	20	31	36	28
BASRAH	54	57	42	29	22	35	48	49	42
HABBANIYA	41	41	34	22	19	24	32	36	32

TABLE - 9 .

المعدل الشهري لضغط البخار (ملليبارات)

MONTHLY MEAN VAPOUR PRESSURE (MILLIBARS)

	TIME - G.M.T.								
STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	14.2	13.6	15.7	14.6	12.6	14.7	15.7	14.8	14.5
MOSUL	18.3	17.5	20.7	22.1	21.3	21.0	19.5	18.2	19.8
SINJAR	- -	11.9	12.7	13.2	13.0	12.7	11.7	- -	12.5
KIRKUK	9.9	10.2	11.1	11.2	10.2	10.0	10.7	10.2	10.4
KHANAQIN	- -	9.4	10.3	9.1	9.3	9.1	10.4	- -	9.6
RUTBAH	8.6	9.1	9.3	7.8	6.6	5.7	6.6	7.2	7.6
HAI	15.7	15.5	20.6	18.2	16.2	20.4	16.9	16.1	17.5
DIWANIYA	13.9	14.1	17.0	15.9	14.5	16.2	16.0	14.5	15.3
NASIRIYA	15.9	15.5	17.6	17.0	15.2	17.0	18.7	17.7	16.8
BASRAH	23.8	22.8	24.9	23.0	21.8	25.8	26.5	24.0	24.0
HABBANIYA	15.8	14.7	18.9	19.2	17.8	19.6	17.6	17.0	17.6

TABLE - 10 .

المعدل الشهري لدرجة الندى (سنتغراد)

MONTHLY MEAN DEW - POINT (Centigrade)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	11.8	11.1	13.6	12.7	10.2	12.3	13.8	12.5	12.3
MOSUL	15.9	15.2	17.9	18.8	18.2	18.0	17.0	15.9	17.1
SINJAR	- -	9.2	10.4	10.9	10.6	10.3	9.2	- -	10.1
KIRKUK	6.3	6.7	8.0	7.9	6.6	6.4	7.6	6.9	7.1
KHANAQIN	- -	6.1	7.2	5.3	5.5	5.3	7.3	- -	6.0
RUTBAH	4.2	5.0	5.3	2.8	0.3	-0.5	0.9	1.7	2.5
HAI	13.5	13.3	17.8	15.9	13.9	17.5	14.6	14.3	15.1
DIWANIYA	11.6	11.9	14.7	13.7	12.3	14.0	13.8	12.2	13.0
NASIRIYA	12.9	12.5	14.5	13.7	12.2	14.0	15.4	14.5	13.7
BASRAH	19.5	19.1	20.5	19.3	18.7	25.2	21.7	19.8	20.5
HABBANIYA	13.6	12.3	16.4	16.1	15.1	16.7	15.1	14.4	15.0

TABLE - 11 .

المعدل الشهري لكمية الغيوم الواطئة (بالاثمان)

MONTHLY MEAN LOW-CLOUD AMOUNT (OKTAS)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	0.4	0.6	0.7	0.3	0.5	0.5	0.8	0.5	0.5
MOSUL	0.6	1.1	1.1	1.1	1.8	1.4	0.7	0.4	1.0
SINJAR	- -	0.2	0.0	0.1	0.9	0.4	0.1	- -	0.3
KIRKUK	0.5	0.6	0.7	0.5	1.0	0.8	0.5	0.6	0.7
KHANAQIN	- -	0.5	0.0	0.2	0.8	1.1	0.7	- -	0.6
RUTBAH	0.0	0.1	0.1	0.1	0.5	0.6	0.3	0.0	0.2
HAI	0.0	0.2	0.2	0.0	0.1	0.1	0.2	0.3	0.1
DIWANIYA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
NASIRIYA	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0
BASRAH	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
HABBANIYA	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.0	0.1

TABLE - 12 .

المعدل الشهري لمجموع كمية الغيوم (بالاثمان)

MONTHLY MEAN TOTAL-CLOUD AMOUNT (OKTAS)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	0.4	0.8	0.9	0.4	0.5	0.7	0.8	0.5	0.5
MOSUL	1.0	1.8	1.4	1.3	2.2	1.8	0.9	0.6	1.4
SINJAR	[illegible]	1.5	1.3	0.9	1.8	1.6	0.6	- -	1.2
KIRKUK	0.8	1.1	0.9	0.5	1.2	1.2	0.9	1.1	1.0
KHANAQIN	- -	1.2	0.7	0.8	1.9	1.7	1.4	- -	1.3
RUTBAH	0.2	0.4	0.2	0.3	0.8	0.8	0.5	0.3	0.4
HAI	0.7	1.7	1.2	0.9	0.6	0.5	0.6	0.8	0.9
DIWANIYA	0.5	0.7	0.6	0.4	0.3	0.5	0.5	0.6	0.5
NASIRIYA	0.8	1.4	1.1	0.7	0.8	0.9	0.7	1.0	0.9
BASRAH	0.8	1.8	1.3	0.7	0.5	0.5	0.6	0.5	0.8
HABBANIYA	0.4	0.6	0.8	0.5	0.7	0.9	0.6	0.6	0.6

TABLE 13-a

عدد تكرار وحدات الرياح السطحية

SURFACE-WIND, NUMBER OF OBSERVATIONS OF :

المحطة STATIONS	وقت كرينتش TIME GMT.	DIRECTION الاتجاه N	NE	E	SE	S	SW	W	NW	SPEED IN KNOTS السرعة بالعقد CALM	1-10	11-21	22-33	34	معدل السرعة بالعقد MEAN V. K.
بغداد BAGHDAD	0000	4	2	4	1	1	2	2	10	5	21	5	0	0	6
	0300	6	3	2	0	0	0	5	9	6	23	2	0	0	5
	0600	6	2	3	1	2	0	3	13	1	26	4	0	0	8
	0900	9	0	0	5	1	2	5	9	0	22	9	0	0	9
	1200	8	0	0	1	6	2	6	8	0	21	10	0	0	9
	1500	8	0	0	1	5	0	5	12	0	27	4	0	0	9
	1800	6	0	3	0	1	0	2	11	8	20	3	0	0	5
	2100	2	0	3	0	3	0	3	12	7	21	3	0	0	8
	TOTAL	50	7	15	9	19	6	31	84	27	181	40	0	0	7
موصل MOSUL	0000	10	1	4	0	0	2	1	6	7	23	1	0	0	6
	0300	10	2	2	0	0	1	4	9	3	27	1	0	0	5
	0600	13	3	3	1	3	0	1	5	2	24	4	1	0	8
	0900	6	1	9	2	3	0	4	5	1	22	8	0	0	9
	1200	9	4	6	2	3	0	3	4	0	23	8	0	0	10
	1500	8	5	4	0	3	2	3	5	1	26	4	0	0	8
	1800	4	3	4	0	3	2	8	6	1	22	8	0	0	8
	2100	9	2	2	0	0	2	3	4	9	20	2	0	0	5
	TOTAL	69	21	34	5	15	9	27	44	24	187	36	1	0	7
سنجار SINJAR	0300	16	1	1	0	1	0	3	6	3	21	5	2	0	8
	0600	3	2	11	0	2	0	3	2	8	15	8	0	0	7
	0900	2	2	10	3	2	0	7	1	4	16	11	0	0	9
	1200	3	0	5	1	3	0	18	1	0	15	15	1	0	11
	1500	2	0	2	0	2	0	17	2	6	11	13	1	0	9
	1800	5	2	0	1	1	0	14	7	1	23	6	1	0	9
	TOTAL	29	7	29	5	11	0	62	19	22	101	58	5	0	9
كركوك KIRKUK	0000	1	11	1	1	0	0	2	0	15	12	4	0	0	4
	0300	0	8	2	0	0	0	1	0	20	9	2	0	0	3
	0600	1	6	7	2	0	0	0	0	15	12	4	0	0	4
	0900	2	4	2	0	6	2	5	2	8	22	1	0	0	5
	1200	6	1	1	2	5	4	4	2	6	16	8	[illegible]	0	8
	1500	2	3	0	1	2	5	8	2	8	20	3	0	0	5
	1800	1	4	2	0	0	0	5	2	17	14	0	0	0	2
	2100	2	10	2	0	0	0	0	0	17	12	2	0	0	3
	TOTAL	15	47	17	6	13	11	25	8	106	117	24	1	0	4
خانقين KHANAQIN	0300	0	0	14	1	3	0	0	0	13	18	0	0	0	2
	0600	1	0	5	0	5	0	8	1	11	19	0	0	1	4
	0900	1	1	2	0	5	0	13	3	5	24	1	1	0	5
	1200	6	0	2	0	1	1	14	4	3	25	3	0	0	6
	1500	6	0	1	0	2	0	14	5	3	26	2	0	0	5
	1800	0	2	1	1	1	1	5	1	19	11	0	1	0	2
	TOTAL	14	3	25	2	18	2	54	14	54	123	6	2	1	4
رطبة RUTBAH	0000	2	0	0	0	0	1	9	10	9	11	9	2	0	8
	0300	3	0	0	0	1	2	11	8	6	17	8	0	0	7
	0600	13	0	1	0	1	0	4	12	0	21	10	0	0	9
	0900	9	1	4	1	0	0	5	8	3	14	13	1	0	10
	1200	6	1	4	1	2	0	10	6	1	13	13	4	0	12
	1500	5	2	3	0	2	1	10	8	0	21	9	1	0	10
	1800	5	0	3	0	0	1	7	8	7	19	5	0	0	6
	2100	6	0	1	0	0	2	5	7	10	14	7	0	0	6
	TOTAL	49	4	16	2	6	7	61	67	36	130	74	8	0	9

TABLE 13-b

عدد تكرار وحدات الرياح السطحية

SURFACE-WIND, NUMBER OF OBSERVATIONS OF :

المحطة STATIONS	وقت كرينتش TIME GMT.	DIRECTION الاتجاه N	NE	E	SE	S	SW	W	NW	SPEED IN KNOTS السرعة بالعقد CALM	1-10	11-21	22-33	≥34	معدل السرعة بالعقد MEAN V.K.
حي HAI	0000	5	1	3	1	1	0	6	6	8	14	8	1	0	7
	0300	0	3	3	0	1	0	5	10	9	20	2	0	0	4
	0600	0	0	10	1	1	0	7	9	3	25	3	0	0	7
	0900	2	0	10	3	2	0	0	9	5	13	13	0	0	9
	1200	1	0	4	2	1	0	3	10	10	8	12	1	0	8
	1500	2	0	5	1	0	0	5	8	10	17	4	0	0	5
	1800	2	1	5	0	1	0	5	6	11	12	8	0	0	5
	2100	3	0	3	2	0	1	2	9	11	15	5	0	0	5
	TOTAL	15	5	33	10	7	1	33	67	67	124	35	2	0	6
ديوانية DIWANIYA	0000	11	0	3	2	0	2	10	3	0	27	4	0	0	6
	0300	9	3	3	1	0	0	11	3	1	28	2	0	0	6
	0600	11	1	5	0	0	0	7	5	2	21	8	0	0	8
	0900	15	2	3	0	2	2	2	5	0	22	9	0	0	9
	1200	9	0	3	2	1	2	2	10	2	17	12	0	0	8
	1500	10	1	3	0	2	0	8	6	1	28	2	0	0	6
	1800	8	2	5	0	0	1	13	2	0	29	2	0	0	6
	2100	9	2	4	0	1	0	7	4	4	27	0	0	0	5
	TOTAL	82	11	29	5	6	7	60	38	10	199	39	0	0	7
ناصرية NASIRIYA	0000	3	1	2	2	4	0	9	8	2	27	2	0	0	7
	0300	2	2	2	5	0	3	5	11	1	30	0	0	0	5
	0600	1	5	1	6	0	1	7	9	1	22	8	0	0	8
	0900	5	2	2	7	1	1	2	11	0	19	12	0	0	9
	1200	9	0	8	3	1	1	3	6	0	21	10	0	0	10
	1500	8	0	6	6	0	0	3	6	2	23	6	0	0	7
	1800	2	1	4	6	1	0	6	8	3	25	3	0	0	5
	2100	3	0	2	6	2	0	5	8	5	23	3	0	0	6
	TOTAL	33	11	27	41	9	6	40	67	14	190	44	0	0	7
بصرة BASRAH	0000	2	1	2	1	1	6	8	7	3	28	0	0	0	3
	0300	0	1	6	3	3	4	5	5	4	27	0	0	0	2
	0600	5	1	2	4	4	2	4	6	3	28	0	0	0	3
	0900	5	0	3	4	3	1	1	9	5	25	1	0	0	4
	1200	6	0	6	3	1	0	1	10	4	23	4	0	0	5
	1500	8	0	2	4	3	0	0	11	3	28	0	0	0	3
	1800	5	1	1	2	8	3	2	6	3	28	0	0	0	4
	2100	4	1	1	1	9	5	4	5	1	30	0	0	0	3
	TOTAL	35	5	23	22	32	21	25	59	26	217	5	0	0	3
حبانية HABBANIYA	0000	2	1	1	0	0	1	8	5	13	17	1	0	0	4
	0300	3	4	1	0	0	0	9	8	6	23	2	0	0	4
	0600	2	5	1	0	0	0	13	9	1	20	10	0	0	8
	0900	7	2	1	0	0	0	7	12	2	20	8	1	0	9
	1200	2	2	1	1	4	1	12	8	0	17	14	0	0	10
	1500	1	2	1	0	0	1	10	10	6	19	6	0	0	6
	1800	5	0	3	0	0	2	9	3	9	19	3	0	0	4
	2100	3	2	1	0	0	0	7	6	12	16	3	0	0	4
	TOTAL	25	18	10	1	4	5	75	61	49	151	47	1	0	6

TABLE 14 .

الهطول اليومي (ملليمترات)

DAILY PRECIPITATION (MILLIMETERS) , tr. < 0.05 mm.

التاريخ DATE	بغداد BAGHDAD	موصل MOSUL	سنجار SINJAR	كركوك KIRKUK	خانقين KHANAQIN	رطبة RUTBAH	حي HAI	ديوانية DIWANIYA	ناصرية NASIRIYA	بصرة BASRAH	حبانية HABBANIYA
1											
2											
3											
4											
5											
6											
7											
8				tr.	0.2						
9											
10											
11											
12										tr.	
13					0.3						
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
31											
TOTAL				tr.	0.5					tr.	
MONTHLY					0.2						
MAX. RATE IN 24 HOURS	tr.	0.2		0.2	1.9	tr.		0.5		tr.	tr.
DATE	7th	5th		10th	22nd	10th		11th		12th	10th
YEAR	1942	1954		1956	1938	1952		1940		1962	1956

TABLE - 15 .

CLIMATOLOGICAL SUMMARY : الملخصات المناخيـــة

No. OF CASES OF PHENOMENAS : عدد الايام التي حدثت فيها الظواهر الجويـــة

STATIONS	RAIN	SNOW	HAIL	THUNDER STORM	FOG	DUST	STATE OF SKY CLEAR	STATE OF SKY CLOUDY
BAGHDAD	0	0	0	0	0	0	26	0
MOSUL	0	0	0	0	0	0	19	0
SINJAR	0	0	0	0	0	0	20	0
KIRKUK	0	0	0	0	0	0	24	0
KHANAQIN	2	0	0	0	0	0	20	0
RUTBAH	0	0	0	0	0	0	26	0
HAI	0	0	0	0	0	0	23	0
DIWANIYA	0	0	0	0	0	0	26	0
NASIRIYA	0	0	0	0	0	0	24	0
BASRAH	0	0	0	0	0	1	24	0
HABBANIYA	0	0	0	0	0	0	25	0

TABLE - 16 . مدة

DURATION OF SUNSHINE : سطوع الشمـــس

STATIONS	MONTHLY TOTAL SUNSHINE HOURS	MAX. SUNSHINE IN ONE DAY HOURS	MAX. SUNSHINE IN ONE DAY DATE	No. OF DAYS WITHOUT SUNSHINE
BAGHDAD	352.4	13.0	1&2nd	0
MOSUL	352.9	13.0	1&2nd.	0
BASRAH	350.6	12.2	26th	0
HABBANIYA	351.4	12.6	1st.	0

TABLE - 17 . المعدل الشهري لحرارة العشب والتربة واقصى سرعة ريح خلال ساعة

MONTHLY MEAN OF : and, HIGHEST WIND SPEED IN KNOTS .

STATIONS	MEAN GRASS MINIMUM C° TEMPERATURE	MEAN EARTH TEMPERATURES 0.3 M	MEAN EARTH TEMPERATURES 1.2 M	HIGHEST WIND SPEED (KNOTS)	DIRECTION	TIME GMT.	DATE
BAGHDAD	23.1	36.2	32.0	18	290	1200	3rd.
MOSUL	....	35.9	32.8	30	300	0600	4th.
SINJAR	....	....	....	30	270	1500	22nd
KIRKUK	....	33.2	32.1	26	180	1200	21st
KHANAQIN	....	....	....	35	090	0600	26th
RUTBAH	....	....	....	28	320	1200	5th.
HAI	23.2	....	....	33	340	1200	26th
DIWANIYA	....	....	....	19	360	1200	29th
NASIRIYA	24.9	37.4	32.6	19	320	0900	28th
BASRAH	21.5	....	....	14	320	1200	30th
HABBANIYA	25.0	35.5	32.4	22	300	0900	3rd.

Month: August 1962.

TABLE 18-a

BAGHDAD AIRPORT

Frequency of Horizontal Visibility

TIME - G.M.T.

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -200M																									
>200 -500M																									
>500 -1000M						1											1								2
>1000 -1500M																		1							1
>1500 -3000M				2	2	1	1										1		1						8
>3 -5KM				1	3	5	2	2		1	1	1	1		1		3	2	1	1					25
>5 -10KM				14	13	12	13	9	6	6	4	6	8	9	9	15	21	19	5	1	1	1	1		173
>10 -15KM	13	12	16	11	11	10	12	12	19	15	16	13	8	11	12	11	5	9	20	20	13	7	10	11	297
>15KM	18	19	15	3	2	2	3	8	6	9	10	11	14	11	9	5			4	9	17	23	20	20	238
Total	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	744

NOTE: In fields containing two numbers the first one gives the cases with dust in the air. the second number shows the total.

Frequency of different heights of cloud-base (amount 4-8 oktas)

Height	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -50M																									
>50 -150M																									
>150 -300M																									
>300 -500M																									
>500 -900M																									
>900M	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	744

TABLE 18-b

BASRAH AIRPORT

Month: August 1962 .

Frequency of Horizontal Visibility

T I M E - G.M.T.

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -200M																									
>200 -500M																									
>500 -1000M																	1								1
>1000 -1500M																									
>1500 -3000M																					1				1
>3 -5KM																						1			1
>5 -10KM		1	1	4	1	1	1	1	1		1	1/3	2	1	2	1/4	1/4	1	1/3	1	1/2	1			36
>10 -15KM	3	1	2	10	14	12	14	10	4	7	10	7	8	10	9	14	9	9	7	7	4	3	4	4	182
>15KM	28	29	28	17	16	18	16	20	26	24	20	21	21	20	20	13	17	21	21	23	24	26	27	27	523
Total	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	744

NOTE: In fields containing two numbers the first one gives the ca ses with dust in the air the second number shows the total.

Frequency of different heights of cloud base (amount 4-8 Oktas)

Height	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -50M																	1								1
>50 -150M																									
>150 -300M																									
>300 -500M																									
>500 -900M																					1	1			2
900M	1	3	4	7	6	5	4	4	2						1	1		1	1	2	1	1	2	2	49

TABLE 19-8 Month: August 1962.

BAGHDAD AIRFORCE

Simultaneous occurrences of specified visibility ranges and specified lowest cloud-base (≥ 4 Oktas)

HEIGHT METERS	VISIBILITY 0-200M	>200-500M	>0.5-1KM	>1-1.5KM	>1.5-2KM	>2-5KM			>5-10KM			>10-15KM			>15KM			TOTAL		
0-50																				
>50-150																				
>150-300																				
>300-500																				
>500-900																				
<4/8 OR *						2	1		1	2		14	13	13	11	12	18	3	3	31	31	31
>900								1	1		6	8	15	15	8	11	9	14	5	31	31	31
AND ≥ 4/8					1		4	1		6	5	1	62	20	7	97	4	23	79	31	31	248
						2	1		1	2		14	13	13	11	12	18	3	3	31	31	31
TOTAL								1	1		6	8	15	15	8	11	9	14	5	31	31	31
					1		4	1		6	5	1	62	20	7	97	4	23	79	31	31	248

NOTE:

The nine fields for each combination of visibility and height contain the number of occurrences for different times using the following model :

00	03	06
09	12	15
18	21	To

GMT.

To=Total for all hours

*ALL CASES WITH CLOUD AMOUNT OF LESS THAN 4/8 ARE ENTERED HERE.

TABLE 19-b

Month: August 1962.

BASRAH AIRPORT

Simultaneous occurrences of specified visibility ranges and specified lowest cloud - base (≥4 Oktas)

HEIGHT METERS	VISILITY 0-200M	>200-500M	>0.5-1KM	>1-1.5KM	>1.5-3KM	>3-5KM	>5-10KM	>10-15KM	>15KM	TOTAL
0-50										
>50-150										
>150-300										
>300-500										
>500-900										
<4/8 OR *							4 1 3 10	15 28 17	15 31 31	31
>900							2 3 7 8	14 24 21	14 31 31	31
AND ≥4/8						1 1 3	1 14 7 3	67 21 26	166 31 31	248
							4 1 3 10	15 28 17	15 31 31	31
TOTAL							2 3 7 8	14 24 21	14 31 31	31
						1 1 3	1 14 7 3	67 21 26	166 31 31	248

NOTE:

The nine fields for each combination of visibility and height contain the number of occurrences for different times using the following model :

00	03	06	
09	12	15	GMT.
18	21	Te	

Te= Total for all hours.

*ALL CASES WITH CLOUD AMOUNT OF LESS THAN 4/8 ARE ENTERED HERE.

MAR 3 1963

الجمهورية العراقية

وزارة المواصلات

مديرية الطيران المدني العامة

REPUBLIC OF IRAQ

MINISTRY OF COMMUNICATIONS

DIRECTORATE GENERAL OF CIVIL AVIATION

مفتشية الانواء الجوية العامة

METEOROLOGICAL DEPARTMENT

شعبة احصائيات المناخ

CLIMATOLOGICAL SECTION

تقرير المناخ الشهري

Monthly Climatological Data

No. 9
Vol. 25
Month September
Year 1962

العدد ٩
المجلد ٢٥
الشهر ايلول
السنة ١٩٦٢

الجمهورية العراقية

وزارة المواصلات

مديرية الطيران المدني العامة

مديرية الانواء الجوية العامة

شعبة المناخ

بغداد

IRAQ REPUBLIC

MINISTRY OF COMMUNICATIONS

DIRECTORATE GENERAL OF CIVIL AVIATION

METEOROLOGICAL DEPARTMENT

CLIMATOLOGICAL SECTION

BAGHDAD

معلومات مناخية شهرية لشهر ايلول ١٩٦٢

MONTHLY CLIMATOLOGICAL DATA FOR SEPTEMBER 1962.

مجلد ٢٥ ، عدد (٩) ، ايلول ١٩٦٢

VOLUME 25, No. (9) , SEPTEMBER 1962.

C O N T E N T S

	TABLE	PAGE
General situation of the month	-	a
Daily mean temperatures	1	1
" " pressure at M.S.L.	2	2
" " relative humidity	3	3
Daily maximum and minimum temperatures	4ab	4-5
Monthly mean dry-bulb temperatures	5	6
" " wet-bulb "	6	6
" " pressure at M.S.L.	7	6
" " relative humidity	8	6
" " vapour pressure	9	7
" " dew-point	10	7
" " low-cloud amount	11	7
" " total-cloud amount	12	7
Surface-Wind , number of observations of :	13ab	8-9
Daily precipitation	14	10
Climatological summary	15	11
Duration of sunshine	16	11
Monthly mean temperatures of grass & earth with highest wind-speed in one hour.	17	11
Baghdad radiosonde observations	18ab	12-13
Frequency of horizontal visibility at Baghdad & Basrah	19ab	14-15
Combined statistics of visibility and cloud base at Baghdad & Basrah .	20ab	16-17

المحتويـــــات

لمحة عامة عن التقرير المناخي الشهري .....
المعدل اليومي لدرجات الحرارة .....
" " للضغط الجوي على سطح البحر .....
" " للرطوبة النسبية .....
درجات الحرارة العظمى و الصغرى اليومية .....
المعدل الشهري لدرجات الحرارة للبصلة الجافة .....
" " " " " الرطبة .....
" " للضغط الجوي على سطح البحر .....
" " للرطوبة النسبيـــــة .....
" " لضغط البخار .....
" " لدرجة الندى .....
" " لكمية الغيوم الواطئة .....
" " لمجموع كمية الغيوم .....
عدد تكرار رصدات الرياح السطحيـــــة .....
الهطول اليومي .....
الملخصات المناخية .....
مدة سطوع الشمس .....
المعدل الشهري لحرارة العشب و التربة و اعلى سرعة ريح حدثت في ساعة واحدة .....
رصدات الراديوسوند في بغداد .....
تردد ات كل من مدى الرؤيا و ارتفاع الغيوم في بغداد و بصرة
احصائيات مزدوجة لمدى الرؤيا و لقاعدة الغيوم في بغداد و بصرة

ايلول ١٩٦٢

كان الجو مستقرا خلال هذا الشهر بصورة عامة في معظم انحاء العراق عدا تصاعد غبار محلي خفيف في ايام متفرقة من الشهر وشمل معظم المناطق .

كانت درجات الحرارة والرطوبة النسبية والضغط الجوي حول المعدل . هذا ولم تسجل المقاييس اي هطول للامطار .

SEPTEMBER 1962 .

The weather during this month was generally stabled except some times there was rising slight local dust in most areas .

Temperatures, Relative Humidity and Pressure were around the average . Rainfall Nil .

TABLE - 1 . المعدل اليومي لدرجات الحرارة (سنتغراد)

DAILY MEAN TEMPERATURES (C^{O}) OF 8 OBSERVATIONS

التاريخ	بغداد	موصل	سنجار	كركوك	رطبة	حي	ديوانية	ناصرية	بصرة	حبانية
DATE	BAGH-DAD	MOSUL	SINJAR	KIRKUK	RUTBAH	HAI	DIWA-NIYA	NASI-RIYA	BASRAH	HABBA-NIYA
1	33.7	30.6	34.2	34.7	30.0	34.4	32.9	35.9	33.7	32.6
2	34.3	31.4	34.4	34.3	30.6	34.1	33.4	34.6	34.4	33.4
3	33.4	30.5	34.6	33.7	29.7	35.2	33.4	35.4	33.1	32.8
4	33.3	29.4	32.7	33.0	30.3	34.1	33.3	34.3	33.1	32.9
5	34.1	27.9	34.1	32.5	32.2	35.0	33.9	35.2	32.1	32.1
6	33.8	28.4	34.7	34.2	31.2	35.2	35.1	35.5	33.4	32.4
7	33.3	28.5	34.4	33.4	30.4	34.4	34.9	35.6	32.6	32.1
8	33.9	30.1	33.0	33.3	30.9	35.2	34.8	36.8	34.4	33.4
9	33.5	29.5	32.1	34.7	32.9	35.8	35.1	36.7	33.0	32.6
10	38.3	31.6	31.7	35.7	30.7	32.4	34.8	33.1	33.9	32.9
11	32.3	29.0	28.6	31.5	28.1	33.0	33.0	35.1	32.1	32.0
12	29.7	22.5	25.3	26.7	24.9	31.6	31.0	33.5	31.8	28.1
13	28.3	23.1	25.1	28.1	25.4	29.8	29.6	31.8	30.4	26.7
14	31.3	24.5	27.8	29.2	26.4	31.4	32.5	33.5	32.3	29.4
15	31.6	25.9	31.4	30.5	25.7	32.1	32.5	34.1	34.1	29.6
16	29.4	26.4	30.5	30.0	25.7	30.3	29.5	31.6	36.8	29.5
17	28.1	27.2	28.9	30.0	25.8	30.3	29.2	31.2	30.2	27.8
18	28.7	26.7	28.9	30.1	25.4	29.8	28.8	29.9	28.9	27.0
19	28.9	27.6	29.5	30.5	25.7	29.4	28.0	29.9	28.4	28.6
20	30.0	26.5	30.7	29.9	25.1	29.4	29.4	31.1	29.2	27.7
21	27.9	25.8	31.6	29.7	26.2	28.8	28.6	29.5	28.6	27.3
22	28.2	26.9	30.7	30.4	26.2	38.7	28.4	29.4	27.7	27.7
23	30.2	24.8	30.9	29.7	26.2	30.0	29.2	28.5	29.0	27.9
24	29.3	24.4	30.9	30.0	26.9	30.7	29.5	29.7	28.7	28.0
25	29.9	26.0	33.2	33.4	28.1	29.3	28.8	30.3	28.6	29.3
26	31.6	26.8	32.8	32.1	27.1	29.3	29.1	29.8	31.1	28.8
27	28.3	25.6	32.4	31.1	26.8	28.1	29.7	29.3	30.3	27.1
28	29.0	24.8	30.8	30.6	27.2	29.8	26.0	29.6	31.8	27.6
29	29.0	24.5	30.0	29.5	26.0	27.7	27.7	29.2	29.9	27.3
30	27.8	24.4	30.7	29.5	26.5	29.0	27.6	29.8	28.2	29.2
Mean	31.0	27.0	31.6	31.4	27.8	31.8	31.0	32.3	31.4	29.8
Normal	30.6	27.1	31.6	31.1	26.8	32.6	30.5	31.6	30.6	30.3
Years of Normal	1937 to 1956	1923 1956	1962 1962	935 956	1928 1956	1940 1956	1939 1956	1940 1956	1937 1956	1935 1956

T I M E - G.M.T.

Note: $\frac{0000+0300+0600+0900+1200+1500+1800+2100}{}$ = Daily Mean

SEPTEMBER 1962 - (TABLE - 2) ايلول ١٩٦٢

DAILY MEAN PRESSURE (MILLIBARS) OF 8 OBSERVATIONS AT M.S.L. المعدل اليومي للضغط الجوي على سطح البحر (بالمليبارات)

DATE	BAGHDAD	MOSUL	SINJAR	KIRKUK	RUTBAH	HAI	DIWANIYA	NASIRIYA	BASRAH	HABBANIYA
1	1004.2	1005.0	1004.1	1004.6	1006.2	1002.8	1003.8	1003.5	1003.8	1004.5
2	04.2	05.2	04.5	04.7	06.6	02.7	03.9	03.6	04.6	04.8
3	04.1	05.0	04.2	04.3	06.6	02.3	03.8	03.0	03.3	04.5
4	03.7	04.6	04.0	04.1	05.4	02.0	03.3	02.3	02.8	04.2
5	03.7	05.2	03.8	04.5	03.3	01.6	03.2	02.3	01.9	04.0
6	03.0	05.0	04.1	03.9	03.9	01.5	02.4	02.0	02.1	03.2
7	03.4	05.0	05.6	04.3	05.1	01.8	02.7	02.4	02.6	03.6
8	05.4	07.2	08.1	06.5	06.4	03.9	04.6	03.9	03.3	05.6
9	05.3	06.1	08.2	06.0	05.6	02.9	04.3	03.2	02.6	05.5
10	03.3	04.0	05.4	03.5	05.0	02.5	02.8	02.7	03.3	03.6
11	03.6	03.4	04.2	03.4	05.9	01.8	02.7	02.1	03.0	03.8
12	05.9	06.7	06.4	06.5	07.5	03.7	04.9	03.8	03.7	06.2
13	06.0	07.4	07.4	06.8	07.0	04.8	05.4	04.9	04.6	06.4
14	05.4	08.3	07.5	06.9	06.9	03.7	03.9	03.6	04.1	05.7
15	02.9	04.4	03.3	03.8	06.3	00.7	01.4	00.6	01.5	03.7
16	02.4	02.0	01.4	01.8	05.6	01.2	02.5	02.3	02.6	02.8
17	04.9	05.1	05.1	04.8	06.9	04.1	04.6	04.3	04.7	05.0
18	05.0	07.5	06.7	05.7	07.5	03.3	04.6	04.1	04.0	05.7
19	04.5	07.5	07.3	05.5	08.2	02.5	04.2	03.8	04.0	05.3
20	05.0	06.3	05.6	04.9	08.1	03.4	04.8	04.0	04.1	05.7
21	03.8	03.8	02.5	03.1	06.1	02.7	03.4	03.6	03.8	03.7
22	03.3	04.1	03.0	03.3	05.4	02.8	03.4	03.4	04.2	03.5
23	06.5	08.4	06.5	07.1	07.3	05.8	06.2	06.3	06.7	06.3
24	10.2	12.3	11.3	11.3	09.5	08.9	09.5	09.4	09.6	10.2
25	11.6	15.0	14.0	13.1	13.2	10.4	10.7	10.5	10.8	12.2
26	09.8	13.3	12.5	11.9	12.5	08.6	08.5	08.7	09.6	10.0
27	09.2	11.3	10.1	10.0	10.2	08.8	08.2	08.6	10.3	08.9
28	12.0	13.5	12.1	13.0	11.6	12.1	10.3	12.2	13.9	11.6
29	15.1	16.1	15.1	15.5	12.4	14.1	13.9	14.3	14.9	14.3
30	13.6	14.9	14.0	14.0	13.6	12.3	12.8	12.9	13.7	13.3
MEAN	1006.0	1007.5	1006.9	1006.6	1007.5	1004.7	1005.4	1005.1	1005.5	1006.2
NORMAL	1006.2	1007.0	1006.6	1005.6	1008.8	1005.2	1005.2	1005.1	1004.8	1006.2

1962

STATIONS	HIGHEST	DAY	YEAR	TIME	LOWEST	DAY	YEAR	TIME
BAGHDAD	1016.6	29th	1962	0600	1001.2	16th	1962	1200
MOSUL	1018.0	29th	1962	0600	999.4	16th	1962	1200
SINJAR	1016.2	29th	1962	0600	999.7	16th	1962	1200
KIRKUK	1017.1	29th	1962	0300	1000.2	16th	1962	1200
RUTBAH	1014.9	29th	1962	0600	1001.8	4th	1962	1500
HAI	1016.3	29th	1962	0600	999.0	15th	1962	1500
DIWANIYA	1015.7	29th	1962	0600	999.3	15th	1962	1500
NASIRIYA	1016.1	29th	1962	0600	998.6	15th	1962	0000
BASRAH	1016.7	29th	1962	0600	1000.0	16th	1962	0000
HABBANIYA	1016.1	29th	1962	0600	1001.7	16th	1962	1200 & 1500

RECORDS

STATIONS	HIGHEST	DAY	YEAR	TIME	LOWEST	DAY	YEAR	TIME
BAGHDAD	1017.5	30th	1938	0600	996.5	1st	1955	1500
MOSUL	1018.7	30th	1938	0600	997.8	4th	1959	1500
SINJAR	1016.2	29th	1962	0600	999.7	16th	1962	1200
KIRKUK	1017.1	29th	1962	0300	995.5	1st	1955	1500
RUTBAH	1023.2	30th	1938	0200	997.9	1st	1955	1200
HAI	1016.3	29th	1962	0600	995.5	3rd	1956	1500
DIWANIYA	1015.7	29th	1962	0600	995.2	3rd	1956	1500
NASIRIYA	1016.1	29th	1962	0600	995.1	8th	1948	0600
BASRAH	1016.7	29th	1962	0600	995.7	1st	1955	0300

TABLE - 3 . (3) المعدل اليومي للرطوبة النسبية

DAILY MEAN RELATIVE HUMIDITY (%) OF 8 OBSERVATIONS

التاريخ DATE	بغداد BAGH-DAD	موصل MOSUL	سنجار SINJAR	كركوك KIRKUK	رطبة RUTBAH	حي HAI	الديوانية DIWA-NIYA	الناصرية NASI-RIYA	البصرة BASRAH	حبانية HABB-ANIYA
1	30	49	29	20	23	28	33	21	42	35
2	33	44	28	21	25	30	29	21	43	30
3	33	47	27	18	24	29	29	19	47	30
4	29	51	22	18	21	29	29	17	48	27
5	23	50	22	16	18	23	26	15	44	24
6	31	45	21	14	18	25	26	18	49	25
7	34	50	20	16	21	25	29	20	45	30
8	32	45	23	15	18	24	27	15	38	26
9	30	47	27	14	18	20	24	12	41	20
10	35	43	28	16	22	41	25	26	63	27
11	35	40	23	22	30	32	28	22	61	24
12	33	44	28	19	25	30	26	15	40	22
13	34	46	26	19	23	27	28	18	42	32
14	25	45	23	18	18	31	22	23	39	27
15	27	41	20	20	19	31	22	22	34	26
16	24	42	21	16	22	25	25	16	30	21
17	26	38	23	21	23	29	31	19	44	25
18	24	35	36	22	15	27	27	19	42	27
19	27	35	26	19	16	30	27	18	40	25
20	23	38	31	21	18	33	26	20	39	32
21	31	42	23	20	18	36	29	22	46	31
22	33	36	24	18	20	39	39	20	42	31
23	29	44	29	19	15	38	39	20	42	33
24	29	47	31	17	15	32	38	21	40	31
25	25	47	30	11	15	39	36	22	52	24
26	22	41	31	10	14	36	34	30	49	26
27	34	47	28	10	13	36	28	42	59	32
28	37	43	29	27	15	48	38	44	60	34
29	31	43	24	27	14	40	42	42	56	35
30	32	42	22	22	13	33	36	24	42	35
MEAN	30	44	26	18	19	32	30	22	45	29
NORMAL	28	37	26	21	27	26	33	28	50	29

1 9 6 2

STATIONS	HIGHEST	TIME GMT.	DAY	LOWEST	TIME GMT.	DAY
BAGHDAD	55	0300	28th	6	1200	30th
MOSUL	80	0300	5th	14	1200	30th
SINJAR	45	0300	10th	15	1200	7th
KIRKUK	36	0300	20th	5	1200	27th
RUTBAH	47	0000	17th	5	1200	27th
HAI	79	0300	28th	11	1200	9th
DIWANIYA	72	0000	26th	9	1200	16th
NASIRIYA	83	0300	28th	6	1200	5th
BASRAH	95	0300	28th	19	1200	15th 16th
HABBANIYA	61	0000	30th	8	1200	9th

SEPTEMBER 1962 . — أيلول ١٩٦٢

TABLE 4-a. — درجات الحرارة العظمى والصغرى اليومية (مئوية)

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

التاريخ	بغداد		موصل		سنجار		كركوك		خانقين		رطبة	
	BAGHDAD		MOSUL		SINJAR		KIRKUK		KHANAQIN		RUTBAH	
	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DATE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	43.0	22.1	43.2	16.8	38.4	26.0	42.7	27.1	43.3	22.8	39.2	19.0
2	43.3	23.4	43.3	17.2	36.8	29.6	41.9	26.7	42.8	22.2	38.4	20.4
3	42.8	22.3	42.6	16.0	38.0	30.1	42.5	25.3	42.2	22.2	39.0	19.4
4	42.9	21.6	41.0	17.3	37.1	28.0	41.3	24.0	42.2	21.1	39.6	19.5
5	42.5	25.2	40.8	14.0	38.2	28.8	40.4	21.6	42.2	20.0	42.5	18.5
6	43.8	22.0	42.6	15.1	39.1	28.3	42.2	26.3	43.9	22.8	41.0	21.3
7	43.7	20.2	42.4	14.0	38.4	27.1	41.5	25.8	43.3	22.8	40.2	20.2
8	44.3	20.2	41.6	16.2	38.2	24.6	42.4	24.7	43.3	22.8	40.3	18.3
9	44.2	20.8	44.3	16.2	37.2	23.4	43.5	23.8	43.9	22.8	43.2	22.4
10	45.8	24.6	45.3	16.6	37.2	23.1	44.7	25.9	45.0	22.8	40.0	21.5
11	40.3	21.8	39.2	18.2	34.4	19.2	40.0	25.1	41.1	25.0	35.5	20.0
12	37.9	23.0	32.0	12.3	30.1	18.0	34.7	20.0	36.1	22.2	32.2	17.8
13	37.0	18.4	36.0	11.6	32.0	16.3	36.0	20.0	36.1	17.2	34.5	14.5
14	38.6	23.4	37.2	11.4	31.2	20.0	37.2	20.5	39.0	16.7	34.3	16.8
15	39.6	23.5	41.4	15.2	34.0	24.2	40.6	21.1	40.0	17.2	34.8	16.2
16	39.2	19.5	38.8	13.6	34.2	23.8	37.7	21.3	38.3	17.8	34.6	17.4
17	38.8	16.9	39.0	15.0	32.8	23.1	38.8	20.4	38.3	20.0	34.4	18.3
18	38.6	15.8	37.2	14.0	32.1	22.4	36.6	22.5	38.3	18.9	35.0	14.2
19	38.4	16.6	37.0	19.2	33.5	22.0	37.8	24.2	40.6	22.8	35.2	16.0
20	38.9	19.2	38.4	16.4	33.7	23.8	38.7	20.8	39.4	18.3	34.6	14.6
21	38.2	15.7	39.2	13.2	34.6	25.2	38.9	20.4	38.3	17.8	35.2	15.4
22	39.1	19.3	39.3	14.0	34.5	24.0	38.6	23.0	38.3	18.9	35.4	15.8
23	39.6	17.8	38.8	11.4	34.2	25.0	39.6	21.4	38.3	21.1	36.2	15.4
24	39.8	18.2	39.4	13.2	34.6	24.1	39.5	21.8	38.9	17.2	37.5	15.8
25	40.9	16.2	42.6	12.6	36.8	25.1	42.0	22.5	41.1	18.9	38.5	17.2
26	40.6	21.2	40.2	14.0	37.2	26.1	38.7	25.3	40.0	23.3	38.0	17.3
27	40.0	15.8	40.6	13.8	36.2	26.1	40.0	26.7	38.9	[illegible]	37.1	15.4
28	39.8	20.0	39.4	12.4	35.2	23.8	40.1	22.0	38.3	12.0	39.0	15.0
29	39.0	18.4	39.0	10.6	35.0	22.1	37.8	20.9	35.0	19.4	36.8	14.0
30	38.9	16.8	40.2	11.9	35.1	23.1	37.3	22.8	38.9	18.3	36.6	19.0
MEANS	40.6	20.0	40.1	14.4	35.3	24.2	39.8	23.1	40.2	20.4	37.3	17.6
NORMAL	39.8	20.9	38.8	15.9	35.3	24.2	38.7	22.0	39.3	21.0	35.8	17.3

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
BAGHDAD	46.6	2&6th	1945	10.5	30th	1938
MOSUL	47.2	?	1935	6.9	26th	1956
SINJAR	39.1	6th	1962	16.3	13th	1962
KIRKUK	46.1	2nd	1945	9.4	30th	1938
KHANAQIN	48.4	5&6th	1938	10.6	30th	1938
RUTBAH	45.0	3rd	1925	8.9	21st	1936

TABLE 4-b . درجات الحرارة العظمى و الصغرى اليومية (منفرداً)

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

	حي		ديوانية		ناصرية		بصرة		هبانية	
	HAI		DIWANIYA		NASIRIYA		BASRAH		HABBANIYA	
التاريخ	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DATE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	42.8	24.0	44.0	21.6	45.3	23.4	43.0	25.3	43.7	22.5
2	43.0	24.0	43.0	23.2	44.7	22.3	41.4	25.8	43.0	24.2
3	43.3	27.0	43.0	24.2	45.6	26.4	43.5	25.6	42.9	22.5
4	42.8	24.2	44.0	21.2	45.0	22.6	41.6	24.2	43.0	25.0
5	43.0	25.8	43.5	23.0	45.0	25.0	41.5	23.0	43.4	22.2
6	43.8	25.0	45.0	24.6	46.5	24.7	43.5	23.7	44.6	22.8
7	44.0	24.0	46.0	23.5	46.6	24.6	43.0	23.1	45.6	22.8
8	44.7	25.2	45.5	22.6	46.0	27.2	43.6	24.9	45.6	24.4
9	45.0	26.3	45.8	25.4	46.6	26.2	41.9	24.6	44.5	22.2
10	42.7	24.2	45.7	24.4	42.2	24.0	41.7	26.8	44.0	23.6
11	43.0	24.0	42.5	24.3	46.3	24.4	39.9	27.4	40.0	23.8
12	40.4	24.0	39.0	23.6	42.4	26.4	39.3	26.1	35.6	22.3
13	38.3	22.2	38.8	20.3	40.7	21.3	38.4	23.9	37.2	18.2
14	42.2	21.3	41.5	22.6	43.3	24.3	42.3	25.1	39.8	18.9
15	42.2	23.2	43.0	23.5	42.8	23.5	44.3	24.3	39.5	21.1
16	38.3	25.0	38.6	23.0	40.2	23.1	38.2	25.2	38.9	19.5
17	39.6	20.8	39.5	19.0	41.2	20.0	39.5	21.2	38.4	19.1
18	38.7	19.6	39.0	18.9	39.9	20.0	38.3	19.0	37.8	15.7
19	38.8	19.0	39.0	16.4	39.8	19.6	37.4	19.6	38.4	18.8
20	38.8	20.7	38.5	20.8	40.5	21.7	38.3	20.5	38.1	20.1
21	37.4	22.4	38.6	18.6	39.4	20.8	38.2	20.7	38.3	17.7
22	39.0	16.8	39.2	17.8	40.3	18.4	38.3	19.4	38.0	18.8
23	39.3	20.2	39.9	19.0	40.2	20.8	38.6	21.7	39.5	17.8
24	39.9	24.4	39.2	17.5	40.7	19.8	39.4	19.2	40.2	17.7
25	40.2	20.7	40.9	18.1	42.2	20.8	40.0	18.7	40.9	17.9
26	39.8	17.8	40.1	17.2	42.0	20.3	41.7	19.5	40.8	18.2
27	39.0	17.4	40.5	20.4	39.9	19.2	39.4	22.9	40.3	15.8
28	38.6	18.6	39.5	19.3	38.1	22.4	38.2	21.6	40.0	16.6
29	36.6	18.9	38.9	17.8	38.4	20.8	37.5	22.0	39.7	17.0
30	37.8	18.3	38.2	17.1	39.6	20.0	36.6	22.2	39.4	16.6
MEAN	40.8	22.2	41.3	20.9	42.4	22.5	40.3	22.9	40.7	20.1
NORMAL	41.2	22.7	40.1	19.5	41.6	21.4	39.2	22.4	40.2	21.4

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
HAI	48.4	16th	1945	15.0	28th	1961
DIWANIYA	46.6	1st	1945	11.6	25&28	1943
NASIRIYA	48.9	6th	1940	13.9	23rd	1940
BASRAH	46.6	9th	1951	13.1	16th	1958
HABBANIYA	48.4	2nd	1945	11.1	30th	1938

TABLE - 5. المعدل الشهري لدرجات الحرارة للبصلة الجافة (سنتغراد)

MONTHLY MEAN DRY-BULB TEMPERATURES (C°)

STATIONS	TIME - G.M.T. 0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	24.3	22.1	29.9	37.4	40.3	36.8	30.0	26.2	30.9
MOSUL	17.6	15.4	26.6	37.4	39.0	34.9	25.3	20.2	27.0
SINJAR	....	26.4	30.3	33.2	34.9	33.5	29.1	....	31.2
KIRKUK	25.6	24.3	33.3	37.7	38.7	35.3	29.1	26.9	31.4
KHANAQIN	....	22.1	33.5	38.7	39.8	36.8	30.3	....	33.5
RUTBAH	20.7	18.5	26.6	34.4	36.6	34.8	27.5	23.4	27.8
HAI	25.0	23.2	31.4	39.5	40.2	31.9	30.1	27.3	31.1
DIWANIYA	24.9	21.6	31.2	39.4	41.2	36.1	29.0	26.0	31.1
NASIRIYA	25.1	23.1	32.6	40.6	41.6	37.6	31.0	27.4	32.4
BASRAH	25.4	23.7	31.1	37.5	39.3	34.3	30.2	27.4	31.1
HABBANIYA	22.5	20.7	29.2	38.4	40.1	34.8	27.8	24.8	29.8

TABLE - 6. المعدل الشهري لدرجات الحرارة للبصلة الرطبة (سنتغراد)

MONTHLY MEAN WET-BULB TEMPERATURES (C°)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	16.0	14.6	18.8	21.6	22.7	21.8	18.8	17.0	18.9
MOSUL	13.3	12.0	17.6	22.0	22.2	21.2	17.3	14.8	17.6
SINJAR	....	16.1	18.1	19.3	20.1	19.4	17.6	....	18.4
KIRKUK	14.1	13.7	18.3	19.5	19.5	18.3	16.4	14.9	16.6
KHANAQIN	....	12.1	18.0	20.0	20.3	19.4	17.1	....	17.0
RUTBAH	11.5	10.4	14.8	17.9	18.4	17.6	14.6	12.8	14.8
HAI	15.6	14.9	20.0	22.4	22.4	21.1	18.3	16.7	18.9
DIWANIYA	15.5	14.6	19.6	22.2	22.7	21.4	18.3	16.6	18.9
NASIRIYA	15.2	14.4	18.4	21.0	21.1	20.5	18.3	16.5	18.2
BASRAH	19.4	18.4	22.6	24.8	24.4	23.6	22.6	21.0	22.1
HABBANIYA	14.7	13.7	18.5	20.9	20.7	20.8	17.4	15.8	17.8

TABLE - 7. المعدل الشهري للضغط الجوي على سطح البحر (ملليبارات)

MONTHLY MEAN PRESSURE (mbs.) AT M.S.L.

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	05.4	06.1	07.2	06.8	05.2	05.6	06.1	06.1	1006.1
MOSUL	08.2	09.0	08.9	07.2	05.5	05.5	07.4	08.3	1007.5
SINJAR	....	08.1	08.0	06.7	05.8	05.6	07.4	....	1006.9
KIRKUK	07.0	07.7	07.4	06.2	04.9	05.1	07.1	07.5	1006.6
KHANAQIN	....	07.2	05.8	04.6	04.0	03.8	05.4	....	1005.1
RUTBAH	07.1	08.1	08.7	07.9	06.9	06.9	07.5	07.3	1007.6
HAI	04.0	04.7	05.9	05.4	03.9	03.8	04.7	04.8	1004.7
DIWANIYA	04.8	05.6	06.5	06.1	04.7	04.5	05.5	05.4	1005.4
NASIRIYA	04.5	05.3	06.5	05.7	04.3	04.2	05.2	05.1	1005.1
BASRAH	04.8	05.5	06.7	06.1	04.8	04.7	05.5	05.4	1005.4
HABBANIYA	06.0	06.6	07.6	06.8	05.2	05.2	06.3	06.3	1006.3

TABLE - 8. المعدل الشهري للرطوبة النسبية (٪)

MONTHLY MEAN RELATIVE HUMIDITY (%)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	39	41	32	20	15	23	32	36	30
MOSUL	63	67	41	25	22	29	45	57	44
SINJAR	..	32	26	23	22	22	28	..	26
KIRKUK	22	25	18	13	11	13	22	21	18
KHANAQIN	..	23	18	13	15	14	21	..	17
RUTBAH	25	29	21	14	11	12	17	22	19
HAI	37	41	36	23	20	30	31	34	32
DIWANIYA	38	43	31	19	16	24	32	35	30
NASIRIYA	30	35	20	13	11	17	25	28	22
BASRAH	56	58	46	33	27	38	51	55	46
HABBANIYA	39	43	32	16	12	24	32	36	29

TABLE - 9 . المعدل الشهري لضغط البخار (ملليبارات)

MONTHLY MEAN VAPOUR PRESSURE (MILLIBARS)

TIME - G.M.T.

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	11.7	10.8	13.3	13.2	11.5	14.1	12.9	12.3	12.5
MOSUL	12.6	11.8	14.5	16.3	15.8	16.4	14.5	13.4	14.4
SINJAR	....	10.8	11.2	11.6	12.1	11.5	11.1	....	11.4
KIRKUK	7.1	7.4	9.1	8.4	7.5	7.4	8.6	7.5	7.9
KHANAQIN	....	6.3	8.9	8.6	8.4	8.7	9.0	....	8.3
RUTBAH	6.3	6.2	7.6	7.5	6.7	6.6	6.5	6.4	6.7
HIT	11.8	11.5	15.8	15.9	15.1	15.7	13.2	12.1	13.9
DIWANIYA	11.3	10.1	13.7	13.2	12.9	14.1	12.7	11.6	12.4
NASIRIYA	9.5	9.6	9.9	9.4	8.7	10.6	10.9	10.1	9.8
BASRAH	18.2	17.3	20.9	21.3	18.8	20.5	21.6	20.2	19.9
HABBANIYA	10.6	10.4	12.9	11.0	8.9	13.5	11.8	11.1	11.3

TABLE -10. المعدل الشهري لدرجة الندى (سنغراد)

MONTHLY MEAN DEW-POINT (C°)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	8.9	7.7	10.8	10.5	8.1	11.7	10.5	9.6	9.7
MOSUL	10.2	9.9	12.0	13.8	13.3	13.9	12.1	10.9	12.0
SINJAR	....	7.7	8.3	8.7	9.4	8.7	8.1	....	8.5
KIRKUK	1.7	2.0	4.8	3.8	2.2	2.2	4.3	2.4	2.9
KHANAQIN	....	0.0	5.3	4.4	4.8	4.9	5.5	....	4.2
RUTBAH	0.6	-0.8	1.8	2.2	0.6	0.2	0.3	0.3	0.7
HIT	9.2	8.7	13.7	13.7	12.9	13.8	11.0	9.6	11.6
DIWANIYA	8.4	8.2	11.3	10.8	10.3	11.8	10.2	8.9	10.0
NASIRIYA	5.6	5.8	6.5	5.6	4.6	7.4	7.9	6.6	6.3
BASRAH	15.4	14.5	17.7	18.2	16.3	17.7	18.3	17.1	16.9
HABBANIYA	7.4	7.2	10.3	7.3	4.8	10.7	9.1	8.1	8.2

TABLE - 11 . المعدل الشهري لكمية الغيوم الواطئة (الاثمان)

MONTHLY MEAN LOW CLOUD AMOUNT (OKTAS)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MOSUL	0.1	0.1	0.1	0.1	0.3	0.3	0.0	0.1	0.1
SINJAR	...	0.1	0.0	0.0	0.2	0.1	0.0	...	0.1
KIRKUK	0.0	0.1	0.0	0.0	0.1	0.2	0.1	0.1	0.1
KHANAQIN	...	0.3	0.2	0.2	0.2	0.0	0.1	...	0.2
RUTBAH	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
HIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DIWANIYA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NASIRIYA	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
BASRAH	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
HABBANIYA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE - 12 . المعدل الشهري لمجموع كمية الغيوم (الاثمان)

MONTHLY MEAN TOTAL CLOUD AMOUNT (OKTAS)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MOSUL	0.1	0.1	0.1	0.2	0.3	0.4	0.0	0.0	0.2
SINJAR	...	0.2	0.1	0.1	0.3	0.3	0.0	...	0.2
KIRKUK	0.0	0.2	0.1	0.1	0.2	0.2	0.1	0.1	0.1
KHANAQIN	...	0.3	0.2	0.3	0.4	0.3	0.2	...	0.3
RUTBAH	0.1	0.2	0.1	0.2	0.4	0.4	0.2	0.1	0.2
HIT	0.1	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
DIWANIYA	0.0	0.2	0.2	0.2	0.1	0.2	0.1	0.1	0.1
NASIRIYA	0.1	0.2	0.3	0.3	0.3	0.2	0.1	0.1	0.2
BASRAH	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.1	0.2
HABBANIYA	0.0	0.2	0.1	0.1	0.2	0.3	0.2	0.1	0.1

TABLE 13-a. . عدد تكرار رصدات الرياح السطحية :-

SURFACE-WIND, NUMBER OF OBSERVATIONS OF :

المحطة STATIONS	وقت گرينتش TIME GMT.	DIRECTION الاتجاه N	NE	E	SE	S	SW	W	NW	SPEED IN KNOTS السرعة بالعقد CA-LM	1-10	11-21	22-33	34 فأكثر	معدل السرعة بالعقد MEAN V.
بغداد BAGHDAD	0000	6	2	0	1	0	0	1	5	15	13	2	0	0	6
	0300	5	0	0	0	0	0	2	8	15	14	1	0	0	7
	0600	4	0	1	0	0	0	6	13	6	21	3	0	0	7
	0900	9	1	0	1	2	0	5	10	2	20	8	0	0	7
	1200	7	1	0	0	2	2	5	11	2	19	9	0	0	8
	1500	4	0	0	2	0	1	7	9	7	21	2	0	0	7
	1800	2	0	0	0	0	0	3	11	15	13	2	0	0	7
	2100	3	0	0	0	0	0	1	8	18	11	1	0	0	6
	TOTAL	40	4	1	4	4	3	29	75	80	132	28	0	0	5
موصل MOSUL	0000	9	0	1	1	1	0	3	5	10	20	0	0	0	4
	0300	8	1	0	0	0	0	4	6	11	19	0	0	0	5
	0600	10	0	1	0	0	1	3	9	6	22	2	0	0	5
	0900	6	2	3	4	1	0	5	7	2	24	4	0	0	7
	1200	8	2	3	1	3	0	4	7	2	19	9	0	0	6
	1500	1	2	1	0	1	1	4	7	13	13	4	0	0	5
	1800	5	3	1	1	1	2	7	3	7	21	2	0	0	5
	2100	4	0	0	0	2	2	5	3	15	14	1	0	0	5
	TOTAL	51	10	10	7	9	6	34	47	66	152	22	0	0	5
سنجار SINJAR	0300	17	1	1	0	0	0	0	6	0	27	2	1	0	6
	0600	2	0	3	0	1	0	12	4	8	17	5	0	0	6
	0900	2	0	8	1	7	0	5	2	4	21	4	1	0	7
	1200	2	0	4	0	6	1	11	4	2	20	6	2	0	8
	1500	1	0	0	0	2	0	17	3	7	17	6	0	0	6
	1800	17	0	0	0	0	0	7	5	1	25	4	0	0	7
	TOTAL	41	1	16	1	16	1	53	24	22	127	27	4	0	7
كركوك KERKUK	0000	1	11	1	0	0	0	1	0	16	14	0	0	0	2
	0300	2	5	1	0	0	0	0	0	22	7	1	0	0	2
	0600	1	4	0	2	2	0	0	1	20	8	2	0	0	2
	0900	1	3	2	1	3	6	8	1	5	24	1	0	0	3
	1200	2	2	1	0	3	7	9	2	4	23	3	0	0	3
	1500	2	2	0	0	0	5	10	6	5	24	1	0	0	4
	1800	1	4	0	0	0	0	2	0	23	5	2	0	0	1
	2100	0	7	0	0	0	0	0	1	22	7	1	0	0	2
	TOTAL	10	38	5	3	8	18	30	11	117	112	11	0	0	3
خانقين KHANAQIN	0300	0	0	10	0	5	0	0	0	15	15	0	0	0	2
	0600	0	2	5	0	2	0	4	0	17	11	2	0	0	3
	0900	2	2	2	0	6	1	9	1	7	23	0	0	0	4
	1200	4	0	1	0	3	0	15	3	4	25	1	0	0	5
	1500	6	0	0	0	1	0	0	4	4	26	0	0	0	4
	1800	1	0	3	0	0	0	5	0	21	9	0	0	0	1
	TOTAL	13	4	21	0	17	1	33	8	68	115	3	0	0	3
رطبة RUTBAH	0000	3	0	0	0	3	1	3	2	18	9	3	0	0	3
	0300	3	0	1	0	1	4	7	1	13	16	1	0	0	3
	0600	8	2	2	0	1	1	8	1	7	23	0	0	0	4
	0900	5	4	1	2	3	0	6	3	6	20	4	0	0	4
	1200	4	2	2	1	2	1	9	8	1	24	5	0	0	7
	1500	7	2	2	1	2	0	9	6	1	25	4	0	0	6
	1800	8	1	2	1	0	1	5	5	7	21	2	0	0	4
	2100	2	0	0	0	3	2	4	2	17	12	1	0	0	3
	TOTAL	40	11	10	5	15	10	51	28	70	150	20	0	0	5

BLE 13-b.

عدد تكرار وحدات الرياح السطحية :-

SURFACE-WIND, NUMBER OF OBSERVATIONS OF :

المحطة STATIONS	وقت جرينتش TIME GMT.	DIRECTION الاتجاه N	NE	E	SE	S	SW	W	NW	SPEED IN KNOTS السرعة بالعقد CALM	1-10	11-21	22-33	34+	معدل السرعة بالعقد MEAN V. K.
هي	0000	2	0	1	1	0	0	6	15	4	19	7	0	0	7
	0300	1	0	1	0	2	0	9	14	3	23	4	0	0	7
	0600	1	0	5	0	1	0	11	11	1	20	3	0	0	7
	0900	1	0	2	3	2	1	4	15	2	17	1	0	0	9
AI	1200	2	0	2	1	0	0	5	14	5	14	10	1	0	8
	1500	0	0	1	0	0	0	7	14	0	20	2	0	0	8
	1800	0	0	0	0	0	0	9	13	9	13	3	0	0	8
	2100	3	0	1	0	1	1	8	13	5	16	3	0	0	7
	TOTAL	10	0	13	6	6	2	54	112	37	142	60	1	0	7
دبوانية	0000	7	1	2	2	0	1	13	4	0	27	3	0	0	6
	0300	10	0	2	0	1	1	12	3	2	25	3	0	0	6
	0600	14	1	0	1	1	0	7	6	0	25	5	0	0	7
	0900	13	1	1	1	0	0	9	5	0	17	3	0	0	8
DUHIYA	1200	15	0	0	2	0	0	8	6	0	24	6	0	0	7
	1500	14	1	0	1	1	0	1	11	1	20	0	0	0	6
	1800	15	1	0	1	1	0	7	4	1	28	1	0	0	6
	2100	11	2	1	1	1	0	9	4	1	28	1	0	0	6
	TOTAL	100	7	6	9	5	2	60	45	5	203	32	0	0	7
ناصرية	0000	4	0	0	1	1	3	8	10	3	33	4	0	0	6
	0300	2	0	0	1	1	3	10	6	5	33	0	0	0	6
	0600	4	0	0	2	0	2	10	11	3	27	0	0	0	7
	0900	2	1	1	2	1	1	5	14	2	16	5	0	0	8
NASIRIYA	1200	7	0	3	5	0	0	0	10	1	31	0	0	0	8
	1500	7	1	5	4	0	0	0	7	1	27	2	0	0	8
	1800	6	0	2	3	0	0	3	10	4	25	1	0	0	8
	2100	5	1	0	2	1	1	0	11	3	24	3	0	0	8
	TOTAL	37	3	11	15	4	12	36	79	20	191	19	0	0	8
بصرة	0000	7	1	1	1	3	1	7	7	2	27	1	0	0	6
	0300	3	0	0	2	2	1	6	9	1	25	0	0	0	6
	0600	5	1	0	0	5	1	4	4	1	27	2	0	0	6
	0900	7	1	1	0	2	0	2	11	2	25	3	0	0	7
BASRAH	1200	7	0	0	0	2	0	2	13	1	24	5	0	0	8
	1500	7	1	0	3	1	0	4	12	1	29	0	0	0	8
	1800	10	1	0	1	4	0	2	8	4	25	1	0	0	8
	2100	3	1	0	1	5	1	4	13	2	28	0	0	0	8
	TOTAL	49	6	2	8	24	4	41	89	17	211	12	0	0	8
مياه	0000	1	0	0	0	0	1	7	4	17	13	0	0	0	8
	0300	0	0	0	0	0	1	6	6	15	15	0	0	0	8
	0600	4	1	1	0	0	0	11	7	6	20	4	0	0	7
	0900	4	2	0	0	0	0	7	12	5	18	7	0	0	7
MAISANIYA	1200	3	1	0	0	5	0	14	6	1	22	7	0	0	8
	1500	3	0	1	0	0	1	6	9	10	19	1	0	0	8
	1800	0	0	3	0	0	1	9	4	13	17	0	0	0	8
	2100	2	0	0	0	0	1	3	2	22	6	0	0	0	1
	TOTAL	17	4	5	0	5	5	63	52	89	132	19	0	0	8

EPTEMBER 1962 — ايلول ١٩٦٢

ABLE 14 — الهطول اليومي (مليمترات)

DAILY PRECIPITATION (MILLIMETERS), tr. <0.05 mm.

التاريخ	بغداد	موصل	سنجار	كركوك	خانقين	رطبة	حي	ديوانية	ناصرية	بصرة	حبانية
DATE	BAGH-DAD	MOSUL	SINJAR	KIRKUK	KHA-NAQIN	RUTBAH	HAI	DIWA-NIYA	NASI-RIYA	BAS-RAH	HABB-ANIYA
1											
2											
3											
4											
5											
6											
7											
8											
9											
10				tr.							
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
TOTAL				tr.							
NORMAL	0.1	0.2		0.3	0.1	0.2					0.3
MAX. FALL IN 24 HOURS	0.6	7.1		3.2	1.0	15.0	tr.	tr.	0.2	0.4	6.4
DAY	30th	29		28	25	12	27	22	7	12	25th
YEAR	1951	1957		1942	1951	1957	1957	1953	1951	1938	1951

SEPTEMBER 1962.

TABLE - 15.

CLIMATOLOGICAL SUMMARY : الملخصات المناخية

No. OF DAYS FOR PHENOMENAS : عدد الايام التي حدثت فيها الظواهر الجوية

STATIONS	RAIN	SNOW	HAIL	THUNDER STORM	FOG	DUST	STATE OF SKY CLEAR	STATE OF SKY CLOUDY
BAGHDAD	0	0	0	0	0	0	30	0
MOSUL	0	0	0	0	0	0	29	0
SINJAR	0	0	0	0	0	0	29	0
KIRKUK	0	0	0	0	0	0	30	0
KHANAQIN	0	0	0	0	0	0	28	0
RUTBAH	0	0	0	0	0	0	27	0
HAI	0	0	0	0	0	0	28	0
DIWANIYA	0	0	0	0	0	0	29	0
NASIRIYA	0	0	0	0	0	0	28	0
BASRAH	0	0	0	0	0	1	29	0
HABBANIYA	0	0	0	0	0	0	29	0

TABLE - 16.

DURATION OF SUNSHINE : مدة سطوع الشمس

STATIONS	MONTHLY TOTAL SUNSHINE HOURS	MAX. SUNSHINE IN ONE DAY HOURS	MAX. SUNSHINE IN ONE DAY DATE	No. OF DAYS WITHOUT SUNSHINE
BAGHDAD	324.8	11.7	3rd	0
MOSUL	309.5	11.8	2nd	0
BASRAH	331.1	12.2	1st	0
HABBANIYA	336.1	12.0	1st	0

TABLE - 17. المعدل الشهري لحرارة الهواء والعشب واعلى سرعة ريح حدثت في ساعة

MONTHLY MEAN OF:, and, HIGHEST WIND SPEED IN KNOTS

STATIONS	MEAN GRASS MINIMUM C° TEMPERATURES	MEAN EARTH TEMPERATURES 0.3 M	MEAN EARTH TEMPERATURES 1.2M	HIGHEST WIND SPEED	DIRECTION	TIME GMT.	DATE
BAGHDAD	15.6	31.9	31.6	15	330	0900	18th
MOSUL	" " " "	31.7	31.2	18	150	1200	15th
SINJAR	" " " "	" " " "	" " " "	28	230	1200	2nd.
KIRKUK	16.8	29.8	30.2	20	230	1200	11th
KHANAQIN	" " " "	" " " "	" " " "	14	050	0600	18th
RUTBAH	" " " "	" " " "	" " " "	18	290	0000	10th
HAI	18.7	" " " "	" " " "	22	310	1200	5th.
DIWANIYA	" " " "	" " " "	" " " "	16	290	1200	16th
NASIRIYA	19.6	33.9	32.5	19	310	1200	9th.
BASRAH	17.1	" " " "	" " " "	14	310	1800	20th
HABBANIYA	18.8	31.7	31.6	18	280	1200	16th

RADIOSONDE OBSERVATIONS AT STANDARD LEVELS (0000 G.M.T.) AT BAGHDAD AIRPORT

DATE	1000-Mbs.					850-Mbs.					700-mbs.					600-mbs.				
	HHH	TT	T_dT_d	dd	ff	HHH	TT	T_dT_d	dd	ff	HHH	TT	T_dT_d	dd	ff	HHH	TT	T_dT_d	dd	ff
1	003	-	-	-	-	149	27	02	35	16	315	14	60	34	18	444	08	65	34	17
2	003	-	-	-	-	149	29	00	35	12	317	15	57	29	26	445	05	66	29	26
3	005	30	14	33	08	149	25	06	33	11	317	14	54	30	07	444	07	64	30	09
4	NO OBSERVATIONS																			
5	003	-	-	-	-	148	25	51	31	18	314	12	59	32	27	441	05	72	28	18
6	003	-	-	-	-	149	29	00	35	12	317	15	57	29	26	445	05	66	29	28
7	002	-	-	-	-	148	28	53	33	07	316	14	51	28	37	443	01	65	27	36
8	004	27	16	36	04	151	29	01	31	14	319	14	57	29	21	446	02	65	29	28
9	006	30	16	36	09	152	30	51	23	15	321	17	59	33	30	449	08	66	39	43
10	003	-	-	-	-	150	30	50	35	09	319	15	61	33	16	447	03	68	30	20
11	002	-	-	-	-	147	25	05	27	13	313	11	57	22	18	440	00	64	05	20
12	004	27	09	32	16	148	22	55	33	28	312	10	67	31	29	438	03	76	30	19
13	007	28	14	35	08	149	22	52	30	20	313	08	61	27	24	438	01	72	27	12
14	005	25	13	35	05	149	24	53	34	10	314	07	59	35	12	439	51	66	35	14
15	005	29	17	-	-	149	25	54	-	-	314	11	66	-	-	441	01	65	-	-
16	002	-	-	-	-	146	24	58	33	17	312	12	65	36	12	436	01	68	36	14
17	004	24	14	32	06	147	23	53	30	15	312	08	67	28	28	437	50	76	27	33
18	005	23	14	35	03	148	22	58	31	16	312	12	67	29	21	439	04	76	-	-
19	004	27	14	33	17	147	22	55	33	15	311	110	66	11	05	438	01	78	36	05
20	005	24	17	33	10	144	22	56	33	14	313	12	68	19	07	440	03	75	25	04
21	004	24	11	31	16	148	23	50	32	14	313	11	61	30	12	439	01	73	29	13
22	003	-	-	-	-	146	23	51	29	07	311	07	60	33	10	436	05	69	35	07
23	004	23	13	28	03	149	22	50	31	09	313	07	62	29	08	437	51	69	31	06
24	007	36	18	00	00	152	23	00	32	03	316	10	63	31	08	442	00	70	24	08
25	010	27	07	00	00	154	24	66	07	09	319	10	76	01	11	445	01	83	02	04
26	010	27	05	07	16	155	25	57	08	16	320	11	69	02	13	446	50	75	36	20
27	009	26	11	02	06	153	23	60	04	10	317	08	69	04	06	443	01	79	36	06
28	010	29	10	12	10	154	24	01	16	06	319	08	61	19	06	445	01	71	01	04
29	012	28	11	12	06	156	23	56	10	07	321	09	67	20	04	446	51	76	34	10
30	012	24	11	35	03	156	22	00	02	05	320	08	82	09	04	445	52	72	-	-
MEANS	005	27	13	-	08	150	25	53	-	12	316	11	62	-	16	442	02	71	-	15

NOTES: Heights are in Decameter in all levels. Temperatures and Dew Points are in Centigrade. Temperatures and dew points below freezing are added 50. The sign (-) means not available or no record.

RADIOSONDE OBSERVATIONS AT STANDARD LEVELS (0000 G.M.T.) AT BAGHDAD AIRPORT

DATE	500-mbs.					400-mbs.					300-mbs.					200-mbs.					150-mbs.					100-mbs.				
	HHH	TT	T_dT_d	dd	ff	HHH	TT	T_dT_d	dd	ff	HHH	TT	T_dT_d	dd	ff	HHHH	TT	T_dT_d	dd	ff	HHHH	TT	T_dT_d	dd	ff	HHHH	TT	T_dT_d	dd	ff
1	591	53	80	33	18	765	62	90	32	24	978	78	02	-	-	1261	94	15	-	-	1449	06	-	-	-	1698	21	-	-	-
2	591	52	74	29	25	763	69	86	26	30	972	80	00	-	-	1252	99	16	-	-	1436	10				1682	23			
3	590	56	79	-	-	761	67	99	-	-	970	84	16	-	-	1241	96				1420	02				1660	14			
4	NO OBSERVATIONS																													
5	582	53	79			759	65	89			967	82	01			1244	00	17			1426	17				1668	21			
6	591	52	74	29	25	763	67	86	28	30	972	79	00			1252	99	16			1436	10				1682	23			
7	587	56	77			756	71	90			965	81	04			1239	03	18			1420	16				1660	21			
8	591	56	74	28	31	762	65	84			973	80	99			1252	96	10			1438	09	22			1663	24			
9	596	67	79	30	45	768	63	83			982	76	93			1269	99	10			1454	05	21			1704	18			
10	591	57	76	30	23	762	67	89			973	84	00			1249	00	17			1432	11				1677	20			
11	580	62	71	24	33	752	68	89	25	48	960	83	01			1236	99	13			1420	12				1661	26			
12	583	58	84			752	70	96			960	82	07			1238	99	21			1422	11				1666	22			
13	582	59	84			751	71	94			960	81	03			1237	99	18			1421	13				1664	21			
14	582	59	78			751	71	89			960	81	98			1239	92	14			1423	10				1669	18			
15	584	59	78			756	66	82			966	79	93			1248	94				1436	09				1687	18			
16	582	58	75	28	27	752	68	93	26	28	963	77	02			1244	95				1431	07				1681	21			
17	581	59	85			750	71	95	12		957	83	05			1234	98	17			1419	08				1667	20			
18	584	57	84			755	68	97			964	83	95			1245	95				1432	08				1681	18			
19	581	58	88			751	66	94			962	81	07			1238	01				1420	13				1663	22			
20	585	55	84			758	66	99	968		81	05				1245	99	20			1429	11				1674	20			
21	583	57	83	26	19	754	67	89	26	22	965	79	01			1245	96	15			1431	06				1682	17			
22	579	60	81			747	74	92			954	83	00			1232	97	12												
23	580	61	79			748	72	91			958	88	04			1228	96	20			1416	06				1667	17			
24	586	59	79	26	12	754	71	90	23	12	961	81	98			1240	96	12			1427	07				1673	23			
25	588	63	90			755	72	01			963	81	10			1240	00				1423	11				1665	25			
26	591	55	82	35	21	763	66	91	33	20	979	80	04			1252	98	16			1437	20				1682	24			
27	587	59	86	32	07	755	72	95			961	86	09			1232	06				1411	16								
28	589	58	78			758	70	89			964	87	04			1234	04	19			1414	14				1655	19			
29	589	61	89			756	72	94			961	88	07			1230	05				1410	15				1657	16			
30	587	63	82			754	73	91			958	91	05			1223	06	16			1404	12	23			1649	18			
MEANS	586	58	80			756	69	91			965	82	03			1242	99	16			1426	10				1672	20			

TABLE 19-a

BAGHDAD AIRPORT

Month: September 1962.

Frequency of horizontal visibility

T I M E - G.M.T.

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -200M																									
≥200 -500M																									
≥500 -1000M																									
≥1000 -1500M																									
≥1500 -3000M					4	2	1		1							1	6								15
≥3 -5KM				2		1	1				1	1				2	2	4							14
≥5 -10KM				8	15	19	14	9		1					2	12	18	8	6	3	1	1			112
≥10 -15KM	8	8	13	16	9	11	12	15	20	21	17	13	9	11	16	12	4	15	15	10	10	9	8	10	292
≥15KM	22	22	17	4	2	2	2	6	9	8	12	16	21	19	12	3		3	9	17	19	20	22	20	287
Total	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	720

NOTE: In field containing two numbers the first one gives the cases with dust in the air. the second number shows the total.

Frequency of different heights of cloud base (amount 4-8 Oktas)

Height	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -50M																									
≥50 -150M																									
≥150 -300M																									
≥300 -500M																									
≥500 -900M																									
≥900M	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	720

TABLE 19-b.

BASRAH AIRPORT

Month: September 1962.

Frequency of Horizontal Visibility

TIME - G.M.T.

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0																									
<200M																									
200																									
<500M																									
500																									
<1000M																									
1000														1											1
<1500M																									
1500				1												1									2
<3000M																									
3				1											1										2
<5KM																									
5				1	1		1	2	2	2	3	1	1	2/3	2	4/5	1	1/2	2	2	1				32
<10KM																									
10	1	1	2	5	6	6	3	3	5	5	6	9	4	2	5	9	6	3	2	5	3	2	1	2	96
<15KM																									
≥15KM	29	29	28	22	23	24	26	25	23	23	21	20	25	24	22	15	23	25	26	23	26	28	29	28	587
Total	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	720

NOTE: In fields containing two numbers the first one gives the cases with dust in the air. the second number shows the total.

Frequency of different heights of cloud-base (amount 4-8 Oktas)

Height	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0																									
<50M																									
50																									
<150M																									
150																									
<300M																									
300																									
<500M																									
500																									
<900M																									
900				1	1	1									1	1			1	1	1				8

TABLE 20-a.

Month: September 1962.

BAGHDAD AIRPORT

Simultaneous occurrences of specified visibility ranges and specified lowest cloud-base (≥4 Oktas)

HEIGHT METERS	VISIBILITY 0-200M			>200-500M			>0.5-1KM			>1-1.5KM			>1.5-3KM			>3-5KM			>5-10KM			>10-15KM			>15KM			TOTAL		
0-50																														
>50-150																														
>150-300																														
>300-500																														
>500-900																														
<4/8 OR *													1			2	1		8	14	8	16	12	22	4	2	30	30	30
>900													1				2	1		12	21	9	12	8	21	3	30	30	30
AND 4/8													2				5	6	1	42	15	9	102	9	20	89	30	30	240
													1			2	1		8	14	8	16	12	22	4	2	30	30	30
TOTAL													1				2	1		12	21	9	12	8	21	3	30	30	30
													2				5	6	1	42	15	9	102	9	20	89	30	30	240

NOTE:

The nine fields for each combination of visibility and height contain the number of occurrences for different times using the following model :

00	03	06
09	12	15
18	21	To

GMT.

To= Total for all hours.

* ALL CASES WITH CLOUD AMOUNT OF LESS THAN 4/8 ARE ENTERED HERE.

TABLE 20-b.

Month: September 1962.

BASRAH AIRPORT

Simultaneous occurrences of specified visibility ranges and specified lowest cloud-base (≥ 4 Oktas)

HEIGHT METERS	VISIBILITY 0-200M	≥200-500M	≥0.5-1KM	≥1-1.5KM	≥1.5-3KM	≥3-5KM	≥5-10KM	≥10-15KM	≥15KM	TOTAL														
0-50																								
≥50-150																								
≥150-300																								
≥300-500																								
≥500-900																								
(4/8 OR *					1	1		1			2	1	1	5	4	28	21	25	30	30	30			
≥900							1			2	1	5	6	4	9	22	25	15	30	30	30			
AND ≥ 4/8							3		1	2		13	2	2	33	26	28	190	30	30	240			
TOTAL					1	1		1			2	1	1	5	4	28	21	25	30	30	30			
							1			2	1	5	6	4	9	22	25	15	30	30	30			
							3		1	2		13	2	2	33	26	28	190	30	30	240			

NOTE:

The nine fields for each combination of visibility and height contain the number of occurrences for different times using the following model :

00	03	06
09	12	15 GMT.
18	21	To

To= Total for all hours.

*ALL CASES WITH CLOUD AMOUNT OF LESS THAN 4/8 ARE ENTERED HERE.

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METEOROLOGICAL DEPARTMENT

شعبة احصائيات المناخ

CLIMATOLOGICAL SECTION

تقرير المناخ الشهري

Monthly Climatological Data

No. 10, 11, 12
Vol. 25
Month October, November & December
Year 1962

العدد ١٠ ، ١١ ، ١٢
المجلد ٢٥
الشهر تشرين الاول ، تشرين الثاني وكانون الاول
السنة ١٩٦٢

الجمهورية العراقية

وزارة المواصلات

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DIRECTORATE GENERAL OF CIVIL AVIATION

METEOROLOGICAL DEPARTMENT

CLIMATOLOGICAL SECTION

B A G H D A D

معلومات جوية مناخية شهرية : لشهر تشرين الاول ١٩٦٢

MONTHLY CLIMATOLOGICAL DATA FOR OCTOBER 1962

مجلد ٢٥ ، عدد (١٠) ، تشرين الاول ١٩٦٢ .

VOLUME 25 , No. (10) , OCTOBER 1 9 6 2 .

C O N T E N T S

	TABLE	PAGE
General situation of the month	-	a
Daily mean temperatures	1	1
" " pressure at M.S.L.	2	2
" " relative humidity	3	3
Daily maximum and minimum temperatures	4ab	4-5
Monthly mean dry-bulb temperatures	5	6
" " wet-bulb "	6	6
" " pressure at M.S.L.	7	6
" " relative humidity	8	6
" " vapour pressure	9	7
" " dew-point	10	7
" " low-cloud amount	11	7
" " total cloud amount	12	7
Surface-wind , number of observations of	13ab	8-9
Daily precipitation	14a-e	10-14
Climatological summary	15	15
Duration of sunshine	16	15
Monthly mean temperature of grass & earth with highest wind speed in one hour.	17	15
Baghdad Radiosonde observations	18ab	16-17
Frequency of horizontal visibility at Baghdad and Basrah	19ab	18-19
Combined statistics of visibility and cloud base at Baghdad & Basrah	20ab	20-21

المحتويات

لمحة عامة عن التقرير الشهري المناخي	-	a
المعدل اليومي لدرجات الحرارة	1	1
" " للضغط الجوي على سطح البحر	2	2
" " للرطوبة النسبية	3	3
درجات الحرارة العظمى و الصغرى اليومية	4ab	4-5
المعدل الشهري لدرجات الحرارة للبصلة الجافة	5	6
" " " " " الرطبة	6	6
" " للضغط الجوي على سطح البحر	7	6
" " للرطوبة النسبية	8	6
" " لضغط البخار	9	7
" " لدرجة الندى	10	7
" " لكمية الغيوم الواطئة	11	7
" " لمجموع كمية الغيوم	12	7
عدد تكرار رصدات الرياح السطحية	13ab	8-9
الهطول اليومي	14a-e	10-14
الملخصات المناخية	15	15
مدة سطوع الشمس	16	15
المعدل الشهري لحرارة الحشيش و التربة و اقصى سرعة ريح سجل خلال ساعة واحدة	17	15
رصدات الراديوسوند في بغداد	18ab	16-17
ذبذبات كل من مدى الرؤيا و ارتفاع الغيوم في بغداد و البصرة	19ab	18-19
احصائيات مزدوجة لمدى الرؤيا و لقاعدة الغيوم في بغداد و البصرة	20ab	20-21

تشرين الاول ١٩٦٢

كان الجو على العموم معتدلا في معظم ايام الشهر عدا تصاعد غبار محلي خفيف في ايام متفرقة وفي انحاء متعددة من القطر .

درجات الحرارة : كانت درجات الحرارة قريبة من معدلاتها ولم تسجل ارقام قياسية جديدة بل بقيت كالسابق وكذلك الرطوبة النسبية والضغط الجوى .

الامطـــار : كانت الامطار قليلة حيث هطلت كميات قليلة جدا وبصورة متقطعة في انحاء متفرقة من الجمهورية .

الرياح : كانت الرياح على العموم خفيفة السرعة متغيرة الاتجاه وفي الغبار تكون جنوبية شرقية معتدلة السرعة .

OCTOBER 1962

The weather was fair during the most days of the month except local light rising dust in some days and in different areas .

Temperature : The temperature was around the normal and the record remained as before, and so with relative humidity and pressure .

Rainfall : The rainfall was very rare during this month except at some separated days in different districts .

Winds : The winds were generally light vaiable , but South Easterly in Dust .

OCTOBER 1962 . (1) . تشرين الاول ١٩٦٢

TABLE - 1. المعدل اليومي لدرجات الحرارة (سنتغراد)

DAILY MEAN TEMPERATURES (C°) OF 8 OBSERVATIONS

التاريخ	بغداد	موصل	سنجار	كركوك	رطبة	حي	ديوانية	ناصرية	بصرة	حبانية
DATE	BAGH-DAD	MOSUL	SINJAR	KIRKUK	RUTBAH	HAI	DIWA-NIYA	NASI-RIYA	BASRAH	HABBA-NIYA
1	27.6	23.0	30.8	29.2	26.0	27.6	27.6	29.4	27.2	27.2
2	28.3	24.7	29.9	29.2	25.7	28.2	28.6	28.6	27.2	27.2
3	27.8	24.5	31.2	29.0	25.4	28.3	28.2	28.9	27.3	26.5
4	28.2	23.6	29.7	28.3	26.2	29.2	28.6	27.9	27.3	26.6
5	27.5	21.7	28.7	28.2	27.2	27.1	28.4	28.9	27.5	27.2
6	29.7	22.3	27.9	28.8	25.5	26.8	28.7	30.3	28.9	29.1
7	29.4	25.6	28.9	30.5	25.5	25.0	29.3	30.6	29.4	29.4
8	29.6	24.5	27.1	30.5	23.9	28.0	29.3	30.3	30.2	29.9
9	27.7	23.1	24.4	26.2	21.3	27.7	28.5	30.7	30.0	26.1
10	25.3	21.4	21.2	23.6	20.1	27.2	26.0	28.8	30.1	24.2
11	23.4	21.2	23.0	23.6	21.1	25.4	25.3	25.1	26.0	23.0
12	24.1	19.8	23.3	24.3	23.1	26.0	25.2	26.4	24.5	23.4
13	27.1	21.4	22.2	25.1	21.7	25.8	26.5	27.0	26.4	26.3
14	23.9	22.4	22.9	23.9	20.3	24.8	24.4	26.6	26.9	23.5
15	23.9	19.5	22.2	22.6	20.4	25.0	25.2	25.7	26.0	22.7
16	25.5	18.1	22.5	23.5	21.9	24.7	26.7	27.1	26.5	23.9
17	25.9	20.8	23.7	25.1	22.1	25.4	28.7	28.5	27.9	24.4
18	26.8	19.6	24.1	24.5	23.3	26.3	29.2	27.8	30.0	24.3
19	28.3	21.5	24.7	26.3	23.7	27.2	28.8	27.2	28.9	26.7
20	27.7	22.6	26.2	28.0	24.6	25.8	29.1	28.1	27.3	26.5
21	26.6	22.8	26.0	26.9	23.2	26.7	26.7	28.5	29.3	24.7
22	26.6	20.1	22.8	23.4	22.7	26.3	28.3	28.2	30.3	24.8
23	25.4	16.6	21.4	22.1	20.2	25.4	26.3	26.7	26.9	22.8
24	21.4	17.5	20.5	20.1	19.9	24.3	24.8	25.8	25.6	21.3
25	24.3	15.2	18.4	19.0	19.8	23.5	24.5	27.1	24.5	23.2
26	24.2	16.6	19.9	20.8	19.0	25.0	23.5	28.4	28.2	23.3
27	24.7	17.3	21.4	21.9	22.3	24.2	25.4	26.7	26.2	22.2
28	25.2	20.2	22.9	24.4	22.8	23.8	28.2	25.6	29.1	24.6
29	25.3	21.5	25.7	26.7	21.4	25.6	28.7	25.9	25.6	24.7
30	24.0	21.1	24.7	26.1	23.3	26.8	25.2	25.5	25.7	22.0
31	23.6	21.8	36.3	25.9	23.2	24.8	24.0	25.6	23.8	22.8
MEANS	25.8	21.0	25.2	25.4	22.8	26.1	27.0	27.6	27.4	25.0
NORMAL	24.7	20.2	25.2	24.0	21.1	26.0	24.7	25.6	25.6	24.4
YEARS OF NORMAL	1937 to 1956	1923 to 1956	1962	1935	1928	1940	1939	1940	1937	1935
				1956	1956	1956	1956	1956	1956	1956

NOTE: T I M E - G.M.T.

$$\frac{0000+0300+0600+0900+1200+1500+1800+2100}{} = \text{DAILY MEAN}$$

DAILY MEAN PRESSURE (MILLIBARS) AT M.S.L. المعدل اليومي للضغط الجوي على سطح البحر (بالمليبارات)

DATE	BAGHDAD	MOSUL	SINJAR	KIRKUK	RUTBAH	HAI	DIWANIYA	NASIRIYA	BASRAH	HABBANIYA
1	1012.7	1014.1	1013.0	1013.3	1013.2	1011.6	1012.0	1011.8	1012.4	1012.7
2	12.8	13.9	13.3	13.2	13.0	11.6	12.1	12.0	12.6	12.7
3	12.5	13.5	12.6	13.0	12.9	11.5	11.9	12.0	12.3	12.6
4	13.0	14.0	13.2	13.5	11.7	12.2	12.3	12.9	13.2	12.8
5	12.3	14.1	12.6	13.2	10.0	11.9	11.5	12.0	13.0	11.7
6	10.0	12.6	10.9	11.5	08.7	10.4	09.3	10.2	11.6	09.3
7	08.9	10.8	09.0	10.2	08.8	09.6	08.5	09.5	11.6	08.2
8	09.8	11.6	11.2	10.2	10.9	09.5	09.3	09.6	10.4	09.6
9	07.7	08.8	08.3	07.8	10.3	07.2	07.3	07.4	08.7	07.9
10	07.7	08.3	07.2	07.9	09.6	06.0	07.1	06.2	06.1	07.9
11	14.9	15.5	15.1	15.0	15.2	13.9	14.3	14.2	14.2	15.0
12	17.2	18.9	18.3	17.8	15.6	13.5	16.2	16.1	16.0	17.1
13	13.3	15.4	15.2	14.0	14.0	12.6	12.7	13.1	13.8	13.1
14	13.6	12.6	12.7	12.6	14.9	13.1	13.5	13.4	12.5	13.5
15	15.5	15.7	18.0	15.9	14.8	14.6	14.5	14.3	14.9	15.4
16	14.5	16.3	15.2	15.5	13.4	13.5	13.3	13.3	13.9	14.1
17	15.0	16.4	15.5	15.9	15.1	14.3	13.8	14.0	14.6	15.1
18	15.8	17.7	16.5	17.2	15.3	14.8	14.3	14.3	15.1	15.6
19	14.6	17.2	16.7	16.2	14.5	14.0	13.3	13.8	15.0	14.3
20	13.0	14.4	17.9	13.6	13.4	13.2	12.3	13.4	14.6	12.5
21	12.8	13.1	12.4	12.8	13.7	12.2	12.2	12.5	13.6	12.7
22	13.4	14.5	13.8	14.6	14.2	11.8	12.0	11.8	12.7	13.6
23	13.7	15.5	14.6	14.9	14.7	12.2	12.7	12.5	12.3	13.9
24	14.4	15.7	14.9	15.6	12.4	13.2	13.0	13.3	13.8	13.3
25	13.5	17.9	17.9	16.8	12.6	12.9	12.3	12.2	13.3	13.5
26	14.0	18.0	16.9	16.3	15.7	13.4	13.5	13.3	14.1	14.5
27	20.4	22.8	21.7	21.8	18.7	19.0	19.1	18.7	18.2	20.4
28	19.0	21.8	20.8	20.4	16.5	18.6	18.3	18.2	17.4	18.9
29	16.1	17.7	16.5	17.0	14.7	15.1	15.2	15.4	16.3	15.7
30	13.9	16.2	15.3	14.8	14.4	12.4	13.0	12.9	13.7	13.7
31	13.3	15.3	14.5	14.1	14.0	12.1	12.7	12.7	13.2	13.5
MEANS	1013.7	1015.2	1014.3	1014.4	1013.4	1012.6	1012.7	1012.8	1013.4	1013.4
NORMALS	1013.1	1014.0	1014.3	1012.8	1014.9	1012.5	1011.9	1012.3	1012.9	1013.4

1 9 6 2 · R E C O R D S

STATIONS	HIGHEST	DAY	YEAR	TIME	LOWEST	DAY	YEAR	TIME GMT
BAGHDAD	1021.6	27th	1962	0600	1006.4	10th	1962	1200
MOSUL	1024.6	28th	1962	0300	1006.3	10th	1962	1200
SINJAR	1023.4	28th	1962	0300	1005.6	10th	1962	1200
KIRKUK	1023.3	28th	1962	1800	1005.4	9th	1962	1200
RUTBAH	1019.7	27th	1962	0600	1000.0	8th	1962	1200
HAI	1019.9	27th	1962	0600	1004.3	10th	1962	1200
DIWANIYA	1019.9	27th	1962	0600	1005.8	9th	1962	1200
NASIRIYA	1020.2	28th	1962	0600	1004.3	10th	1962	1200
BASRAH	1019.6	28th	1962	0600	1004.1	10th	1962	1200
HABBANIYA	1021.8	27th	1962	0600	1006.3	9th	1962	1500

STATIONS	HIGHEST	DAY	YEAR	TIME	LOWEST	DAY	YEAR	TIME GMT
BAGHDAD	1023.4	29th	1947	0300	1003.8	11th	1958	1500
MOSUL	1026.0	26th	1950	0600	1003.2	12th	1948	1200
SINJAR	1023.3	28th	1962	0300	1005.6	10th	1962	1200
KIRKUK	1024.4	29th	1947	0600	1002.5	7th	1950	1200
RUTBAH	1027.3	15th	1948	0000	1000.0	8th	1962	1200
HAI	1022.4	29th	1947	0600	1002.9	1st	1954	0000
DIWANIYA	1022.7	29th	1947	0600	1002.6	1st	1954	0000
NASIRIYA	1022.5	29th	1947	0600	1003.2	1st	1954	0000
BASRAH	1021.0	26th	1950	0600	1002.9	1st	1951	0000

OCTOBER 1962.

TABLE -3 .

(3)

تشرين الاول ١٩٦٢

المعدل اليومي للرطوبة النسبية (٪)

DAILY MEAN RELATIVE HUMIDITY (%) OF 8 OBSERVATIONS

التاريخ	بغداد	موصل	سنجار	كركوك	رطبة	حي	ديوانية	ناصرية	بصرة	حبانية
DATE	BAGH-DAD	MOSUL	SINJAR	KIRKUK	RUTBAH	HAI	DIWA-NIYA	NASI-RIYA	BASRAH	HABBA-NIYA
1	25	41	25	18	13	37	34	23	41	31
2	28	36	24	17	13	32	31	23	40	30
3	27	42	22	17	14	33	34	21	48	37
4	29	35	23	16	11	29	30	25	50	31
5	29	42	25	16	12	36	23	28	38	30
6	22	44	27	16	30	38	22	23	37	24
7	23	38	26	12	29	37	25	28	46	26
8	30	39	28	21	35	40	31	28	53	30
9	36	51	39	32	46	40	33	30	52	39
10	42	53	44	41	49	37	39	30	62	46
11	40	43	37	38	39	40	38	35	57	38
12	40	45	32	23	30	33	38	28	59	45
13	36	49	45	27	37	43	39	32	55	35
14	43	41	38	33	49	44	42	32	62	43
15	46	44	40	37	40	46	44	39	52	50
16	36	52	39	30	35	49	35	44	45	48
17	40	45	42	30	35	46	29	33	46	47
18	36	52	39	35	36	43	30	44	60	54
19	34	50	38	32	31	41	33	44	61	39
20	33	50	30	26	19	45	32	37	61	38
21	34	40	33	27	21	39	37	25	52	41
22	33	52	39	38	34	41	32	28	49	40
23	39	59	40	38	49	42	38	31	55	47
24	58	58	40	49	59	46	44	37	47	59
25	49	75	53	70	52	47	45	33	42	60
26	46	70	50	56	57	49	45	38	58	49
27	46	59	45	48	39	47	42	37	64	53
28	42	56	40	35	37	52	40	41	69	44
29	35	47	32	26	34	39	38	34	67	40
30	39	48	32	25	33	32	34	28	60	47
31	38	41	29	27	30	36	41	28	48	43
MEANS	37	48	35	31	34	41	35	32	53	42
NORMAL	36	49	35	30	34	34	41	35	55	37

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STATIONS	HIGHEST	TIME GMT.	DAY	LOWEST	TIME GMT.	DAY
BAGHDAD	81	0300	25th	6	1200	1&2nd.
MOSUL	90	0300	10&23rd	13	0900	5th.
SINJAR	62	0300	27th	18	1200	3&4th
KIRKUK	93	0600	25th	7	1200	2&7th
RUTBAH	94	0300	24th	4	1200	2nd.
HAI	69	0300	16th	17	1200	2nd.
DIWANIYA	67	00&03	25th	12	1200	7th
NASIRIYA	68	0300	19th	9	0900	1,2&3
BASRAH	96	0000	10th	12	1200	6th
HABBANIYA	83	0000	27th	8	1200	5th.

TABLE 4-a.

درجات الحرارة العظمى والصغرى اليومية (سنتغراد)

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

	بغداد		موصل		سنجار		كركوك		خانقين		رطبة	
	BAGHDAD		MOSUL		SINJAR		KIRKUK		KHANAQIN		RUTBAH	
التاريخ	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DATE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	39.9	16.8	38.8	11.2	35.1	23.0	38.4	21.0	38.9	18.3	35.6	16.4
2	39.5	15.2	37.4	13.6	35.3	23.8	37.6	21.4	38.0	18.9	35.0	14.1
3	39.5	16.9	38.2	11.0	35.0	23.8	37.2	20.9	38.3	16.7	35.4	14.1
4	38.8	16.7	38.6	11.8	34.6	22.8	37.4	20.5	37.2	16.1	35.6	16.8
5	38.8	16.3	38.4	10.4	32.8	21.6	38.5	20.6	37.2	17.2	37.2	17.0
6	39.0	20.3	36.3	10.4	33.0	21.5	39.0	20.6	37.8	16.7	32.8	19.8
7	39.0	22.8	37.4	11.6	33.1	21.3	38.7	19.5	38.9	17.2	33.4	18.8
8	37.3	19.8	35.4	17.0	30.6	21.8	38.0	25.8	38.3	21.7	31.8	15.3
9	35.2	17.7	32.7	11.2	28.1	20.0	33.4	20.5	35.6	23.3	27.2	15.2
10	31.9	14.7	28.8	16.8	24.5	16.2	30.4	17.8	31.1	18.3	25.6	14.6
11	32.0	13.7	30.6	14.8	26.2	17.8	32.6	18.0	30.6	16.7	28.7	13.2
12	32.4	18.0	31.2	9.8	27.4	15.3	33.1	17.1	31.1	12.8	31.0	12.4
13	35.4	16.8	29.7	11.8	25.4	17.8	34.4	18.3	35.0	14.4	28.3	15.3
14	32.2	15.2	31.8	15.0	25.1	19.8	32.2	15.5	30.0	17.2	27.0	13.5
15	31.6	16.3	30.4	10.2	25.6	18.3	31.0	15.8	29.4	16.1	29.0	11.7
16	32.4	16.3	27.6	8.0	26.0	17.3	31.1	16.7	30.6	13.9	31.0	13.8
17	34.8	16.8	33.0	11.6	27.4	17.2	34.5	18.0	33.5	15.0	32.3	12.8
18	35.8	16.6	30.4	10.0	27.8	18.2	32.7	17.7	33.3	17.2	31.9	14.2
19	36.6	20.3	32.4	10.4	28.1	18.4	34.1	19.5	35.6	18.9	33.6	15.2
20	36.8	16.4	35.8	11.6	30.2	19.3	37.5	21.4	37.2	20.0	34.7	15.0
21	36.0	18.5	33.2	11.4	38.6	22.4	35.1	20.0	36.1	22.2	34.4	14.0
22	34.3	17.4	29.6	12.4	27.0	18.3	32.0	18.8	31.1	20.0	31.5	13.8
23	31.5	17.1	29.0	8.3	25.1	16.4	30.2	15.8	30.6	15.6	29.2	12.2
24	24.8	17.0	27.6	9.2	25.4	16.3	28.5	15.5	25.0	16.1	27.6	12.3
25	30.4	18.9	21.4	10.2	22.3	16.0	22.2	15.2	28.0	16.1	26.1	14.2
26	31.3	17.3	26.0	10.8	23.8	14.3	28.0	16.8	33.3	16.7	25.7	13.0
27	31.5	16.3	30.2	7.6	25.4	14.8	31.2	14.0	30.6	14.4	31.0	13.5
28	33.8	15.1	32.0	9.8	26.6	16.5	32.3	17.6	35.0	14.4	30.2	17.8
29	36.3	14.2	34.4	15.0	29.8	21.3	36.9	19.5	35.6	16.1	34.8	13.2
30	33.2	13.2	30.8	11.8	28.6	20.3	34.7	19.8	35.6	14.4	30.5	14.3
31	35.7	13.5	32.4	10.8	29.5	20.8	33.5	18.6	35.6	15.0	32.3	16.6
MEANS	34.8	17.5	32.3	11.5	29.1	19.8	33.8	18.7	34.0	17.2	31.4	14.7
NORMAL	33.4	16.2	31.6	10.7	29.1	19.8	31.4	17.0	33.1	16.2	29.9	12.5

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
BAGHDAD	41.6	2nd	1947	3.9	29th	1946
MOSUL	41.3	3&4th	1952	0.0	25th	1947
SINJAR	38,6	21st	1962	14.3	26th	1962
KIRKUK	41.4	2nd	1953	1.1	29th	1946
KHANAQIN	42.2	2nd	1953	3.9	14&15th	1948
RUTBAH	38.4	6th	1953	0.6	15th	1948

TABLE 4-b . درجات الحرارة العظمى والصغرى اليومية (سنتغراد)

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

	حي		ديوانية		ناصرية		بصرة		حبانية	
	HAI		DIWANIYA		NASIRIYA		BASRAH		HABBANIYA	
التاريخ	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DATE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	37.3	17.8	39.4	17.0	40.6	19.5	37.0	20.4	38.9	16.8
2	38.6	18.2	39.5	17.5	40.2	17.2	37.5	19.0	39.2	17.2
3	39.3	19.0	40.0	15.5	40.5	17.6	38.7	17.6	39.6	16.0
4	39.0	20.6	40.0	17.8	40.0	16.6	37.5	18.0	38.2	15.4
5	39.3	18.2	39.5	17.0	40.5	17.6	39.4	17.4	39.0	15.4
6	38.6	15.7	39.8	18.2	41.0	20.6	40.6	20.1	40.0	16.9
7	38.8	18.0	40.2	18.0	39.2	21.0	40.4	17.5	40.3	18.6
8	38.0	17.5	38.5	22.2	38.2	20.6	39.5	20.8	36.7	21.6
9	36.4	20.4	37.5	20.1	37.2	24.6	38.5	24.4	34.7	18.9
10	35.3	20.5	34.4	20.0	37.2	22.6	38.0	24.6	31.1	18.5
11	32.0	18.3	33.5	17.6	34.2	17.8	33.4	19.8	31.7	16.1
12	33.2	17.6	35.7	15.6	35.0	17.2	37.1	16.7	33.8	14.0
13	35.7	18.6	36.3	15.6	37.4	16.0	35.9	17.2	35.5	16.9
14	33.2	18.8	33.5	15.0	34.7	19.1	34.0	19.0	31.1	18.4
15	33.0	17.4	34.2	14.5	34.8	16.9	33.5	19.1	31.7	16.0
16	34.5	15.8	34.8	18.0	35.3	21.2	33.8	21.5	33.6	14.4
17	35.8	19.2	38.1	21.0	36.0	21.6	37.4	20.6	34.6	16.1
18	36.2	17.7	38.5	22.0	36.0	21.7	38.0	21.1	36.5	15.2
19	37.4	17.9	39.7	20.2	36.8	19.3	39.0	19.8	37.3	18.1
20	37.4	17.4	39.5	20.6	39.3	19.1	38.5	21.0	37.2	19.7
21	35.3	18.4	36.8	17.6	40.2	19.6	39.9	20.4	34.8	16.5
22	36.0	20.0	38.0	20.5	38.8	17.6	38.6	20.7	33.3	17.5
23	34.8	19.3	35.4	17.5	37.2	18.2	36.4	19.4	31.7	15.0
24	31.3	18.2	33.6	19.3	34.2	18.2	32.5	18.1	25.6	18.3
25	30.8	18.0	33.1	17.5	33.4	21.2	35.0	20.6	30.5	17.0
26	31.0	16.2	32.0	16.9	35.0	23.2	38.8	20.6	30.5	17.7
27	33.2	15.9	34.1	16.2	35.4	19.1	34.1	20.6	32.2	15.0
28	36.2	16.4	36.5	18.3	36.5	17.4	34.6	17.1	35.2	15.0
29	35.2	15.2	37.0	15.0	36.8	16.4	35.2	16.3	36.1	14.5
30	35.3	19.9	36.2	15.7	36.6	15.0	35.0	16.6	34.0	13.9
31	34.8	16.0	36.0	13.5	36.0	16.2	34.1	15.9	35.0	13.9
MEANS	35.6	18.0	36.8	17.8	37.2	19.0	36.7	19.4	34.8	18.6
NORMAL	35.3	17.3	34.7	14.9	35.6	16.4	34.7	17.7	33.5	16.2

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
HAI	43.9	3rd	1947	6.7	15th	1948
DIWANIYA	43.9	2nd	1947	2.8	18th	1948
NASIRIYA	43.9	1st	1951	7.8	30th	1948
BASRAH	45.6	1st	1951	6.1	6th	1941
HABBANIYA	42.2	2nd	1953	5.6	29th	1946

TABLE - 5 . المعدل الشهري لدرجات الحرارة الجافة (سنتغراد)

MONTHLY MEAN DRY-BULB TEMPERATURES (C°)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
	T I M E - G . M . T .								
BAGHDAD	21.0	18.9	25.1	32.1	34.3	29.4	24.9	22.6	29.0
MOSUL	14.2	12.3	19.6	29.0	31.0	25.5	20.1	15.3	22.0
SINJAR	....	20.7	23.9	26.6	27.9	25.8	22.9	....	24.6
KIRKUK	20.8	19.6	26.5	31.8	32.6	27.0	23.4	21.8	25.4
KHANAQIN	....	18.7	26.7	32.7	33.3	29.7	24.6	....	27.6
RUTBAH	17.4	15.6	21.0	28.6	30.6	27.7	22.1	19.2	22.8
HAI	20.7	19.3	26.0	33.8	34.2	27.7	25.1	22.5	26.2
DIWANIYA	20.4	18.7	25.7	34.9	36.1	29.9	25.1	23.0	26.8
NASIRIYA	21.7	19.7	27.4	35.1	36.4	30.8	26.4	23.7	27.7
BASRAH	22.6	20.0	27.2	34.3	35.4	29.7	25.7	23.6	27.3
HABBANIYA	19.6	17.2	24.4	33.8	34.2	27.6	22.5	21.4	25.1

TABLE - 6 . المعدل الشهري لدرجات الحرارة الرطبة (سنتغراد)

MONTHLY MEAN WET-BULB TEMPERATURES (C°)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	14.3	13.3	16.4	19.1	19.6	18.7	16.9	15.2	16.7
MOSUL	10.8	9.8	13.4	17.9	18.5	16.8	14.0	12.1	14.2
SINJAR	....	13.7	15.1	16.3	17.0	16.1	14.7	....	15.5
KIRKUK	12.6	12.3	16.0	18.0	17.9	16.1	14.3	13.3	15.1
KHANAQIN	....	11.3	15.9	18.1	18.5	17.1	14.6	....	15.9
RUTBAH	11.2	10.2	13.4	16.3	16.9	15.8	13.4	12.0	13.5
HAI	13.8	13.2	17.4	20.2	20.5	18.8	16.9	14.8	17.0
DIWANIYA	13.8	12.9	17.4	20.5	21.0	18.0	16.3	14.9	16.9
NASIRIYA	14.3	13.0	16.9	19.8	20.2	19.0	16.9	15.7	17.0
BASRAH	17.6	16.0	20.6	23.0	23.3	21.7	20.3	20.1	20.4
HABBANIYA	13.7	12.7	16.7	19.3	19.7	18.6	16.0	14.7	16.8

TABLE - 7. المعدل الشهري للضغط الجوي على سطح البحر (ملليبارات)

MONTHLY MEAN PRESSURE (MILLIBARS) AT M.S.L.

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	13.3	13.6	14.9	14.1	12.7	12.7	13.5	13.6	1013.5
MOSUL	15.8	16.3	16.7	15.0	13.4	13.6	15.0	15.6	1015.2
SINJAR	....	14.4	15.3	14.5	13.1	13.3	14.7	....	1014.2
KIRKUK	14.6	15.3	15.5	14.0	12.6	13.4	14.8	14.9	1014.1
KHANAQIN	....	15.0	14.1	12.4	11.7	12.4	14.9	....	1013.4
RUTBAH	13.1	15.5	14.8	13.4	12.0	12.7	13.5	13.3	1013.3
HAI	12.3	12.7	14.0	13.4	11.9	11.9	12.9	12.7	1012.7
DIWANIYA	12.4	13.2	14.0	13.6	11.3	11.7	12.7	12.6	1012.7
NASIRIYA	12.4	13.6	14.3	13.3	11.9	12.0	12.8	12.7	1012.4
BASRAH	12.9	13.4	14.6	13.9	12.6	12.7	13.4	13.3	1013.4
HABBANIYA	13.2	13.7	14.8	13.9	12.4	12.4	13.4	13.5	1013.4

TABLE -8 . المعدل الشهري للرطوبة النسبية (٪)

MONTHLY MEAN RELATIVE HUMIDITY (%)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	45	50	38	26	22	33	40	43	37
MOSUL	65	71	46	30	26	39	49	59	48
SINJAR	..	43	37	31	30	33	38	..	35
KIRKUK	36	39	31	22	21	29	34	35	31
KHANAQIN	..	26	29	20	20	23	29	..	25
RUTBAH	42	47	38	24	20	24	33	39	33
HAI	45	51	42	29	28	45	40	44	41
DIWANIYA	44	48	37	23	22	32	37	39	35
NASIRIYA	40	42	30	19	18	28	34	39	31
BASRAH	62	65	54	36	33	48	59	64	53
HABBANIYA	51	58	44	26	22	39	44	49	42

TABLE - 9 .

المعدل الشهري لضغط البخار (ملليبارات)

MONTHLY MEAN VAPOUR PRESSURE (MILLIBARS)

STATIONS	TIME - G . M . T . 0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	11.0	11.0	11.7	11.8	11.0	12.7	12.2	11.5	11.6
MOSUL	10.3	10.3	10.7	11.5	11.3	12.2	11.1	10.8	11.0
SINJAR	....	10.2	10.5	10.5	10.7	10.5	10.2	....	10.4
KIRKUK	8.2	8.5	9.9	9.6	9.1	9.9	9.2	8.6	9.1
KHANAQIN	....	7.6	9.6	9.3	9.6	9.3	8.8	....	9.0
RUTBAH	8.2	8.1	9.3	8.8	8.4	8.3	8.4	8.4	8.5
HAI	11.1	11.0	14.2	14.7	15.0	16.4	12.6	11.6	15.8
DIWANIYA	10.6	10.3	12.7	12.7	12.9	13.2	11.6	10.7	11.8
NASIRIYA	10.4	9.8	10.9	10.8	10.7	10.5	11.6	11.4	10.8
BASRAH	16.7	15.3	19.6	19.2	19.1	19.8	19.6	19.4	18.6
HABBANIYA	11.2	11.2	13.0	11.9	11.4	14.0	12.4	11.8	12.1

TABLE - 10 .

المعدل الشهري لدرجة الندى (سنتغراد)

MONTHLY MEAN DEW-POINT (C°)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	8.0	7.8	9.1	9.0	7.8	10.7	9.7	8.9	8.9
MOSUL	7.3	7.0	7.5	8.8	8.8	9.7	8.4	8.0	8.2
SINJAR	....	7.4	7.2	6.9	8.1	7.4	7.2	....	7.4
KIRKUK	3.5	3.9	6.2	5.8	5.0	5.9	5.2	4.1	5.0
KHANAQIN	....	2.5	6.2	5.2	6.0	5.4	4.7	....	5.0
RUTBAH	3.5	3.3	5.0	4.0	3.6	3.9	3.6	3.6	3.9
HAI	8.4	8.1	12.1	12.6	12.9	14.2	10.3	9.2	10.1
DIWANIYA	7.6	7.1	10.2	10.3	10.4	10.8	8.9	7.7	9.1
NASIRIYA	7.1	6.1	7.9	7.7	7.8	10.3	8.9	8.6	8.1
BASRAH	14.1	12.8	16.3	16.6	16.4	17.2	16.9	16.9	15.9
HABBANIYA	8.3	8.5	10.7	8.9	8.9	11.8	9.9	9.2	9.5

TABLE - 11 .

المعدل الشهري لكمية الغيوم الواطئة (الاثمان)

MONTHLY MEAN LOW-CLOUD AMOUNT (OKTAS)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	0.5	1.2	0.8	0.7	0.8	1.2	0.3	0.6	0.8
MOSUL	0.6	1.6	1.8	1.6	2.5	2.1	1.2	0.9	1.5
SINJAR	....	0.5	0.7	0.8	1.4	0.7	0.2	....	0.7
KIRKUK	0.9	1.2	1.2	1.3	1.2	1.4	0.8	0.8	1.1
KHANAQIN	....	0.9	0.9	1.6	1.3	1.0	0.8	....	1.0
RUTBAH	0.4	0.6	0.6	0.3	1.2	1.0	0.4	0.6	0.6
HAI	0.0	0.2	0.4	0.3	0.0	0.6	0.1	0.0	0.2
DIWANIYA	0.1	0.4	0.4	0.1	0.3	0.4	0.1	0.0	0.2
NASIRIYA	0.1	0.3	0.6	0.3	0.2	0.4	0.1	0.1	0.3
BASRAH	0.0	0.1	0.1	0.1	0.3	0.0	0.0	0.0	0.1
HABBANIYA	0.3	0.5	0.2	0.1	0.4	0.3	0.1	0.3	0.3

TABLE - 12 .

المعدل الشهري لمجموع كمية الغيوم (الاثمان)

MONTHLY MEAN TOTAL-CLOUD AMOUNT (OKTAS)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	1.3	2.3	1.7	1.7	2.5	2.8	0.7	1.2	1.8
MOSUL	1.3	3.3	4.0	4.3	4.8	4.6	2.3	1.3	3.2
SINJAR	....	3.1	3.4	3.3	4.0	4.1	1.9	....	3.3
KIRKUK	1.3	1.9	2.0	2.0	2.2	2.6	1.1	1.2	1.8
KHANAQIN	....	3.1	2.7	2.9	3.2	3.7	1.8	....	2.8
RUTBAH	1.5	2.3	2.6	2.0	3.8	3.6	1.8	2.2	2.5
HAI	1.2	2.1	2.0	2.2	2.0	2.8	1.5	1.0	1.8
DIWANIYA	1.0	1.9	1.8	1.4	1.9	1.9	1.0	0.9	1.5
NASIRIYA	0.6	1.9	2.0	1.9	2.0	1.7	1.3	1.3	1.6
BASRAH	1.3	2.0	1.7	1.8	1.6	1.5	1.0	1.1	1.5
HABBANIYA	2.0	2.6	1.8	2.2	2.6	3.2	1.6	1.7	2.2

TABLE 13-a .

عدد تكرار رصدات الرياح السطحية

SURFACE-WIND . NUMBER OF OBSERVATIONS OF :

المحطة STATIONS	وقت گرينتش TIME GMT.	DIRECTION الاتجاه N	NE	E	SE	S	SW	W	NW	SPEED IN KNOTS السرعة بالعقد CALM	1-10	11-21	22-33	34	معدل السرعة بالعقد MEAN V.
بغداد BAGHDAD	0000	4	4	2	3	0	1	2	4	11	19	1	0	0	4
	0300	1	5	4	2	0	0	5	3	11	16	4	0	0	4
	0600	6	2	4	2	0	2	4	6	5	23	3	0	0	5
	0900	5	3	0	8	1	1	2	7	4	24	3	0	0	5
	1200	5	0	3	4	2	2	7	5	3	25	3	0	0	6
	1500	5	0	3	2	1	0	4	6	10	20	1	0	0	4
	1800	7	2	3	0	0	2	2	4	11	20	0	0	0	3
	2100	5	5	1	1	2	0	2	3	12	18	1	0	0	4
	TOTAL	38	21	20	22	6	8	28	38	67	165	16	0	0	5
موصل MOSUL	0000	6	0	1	3	0	0	5	4	12	17	2	0	0	4
	0300	14	0	1	0	2	1	4	3	6	23	2	0	0	5
	0600	12	0	0	1	1	1	6	5	5	23	3	0	0	5
	0900	9	0	4	5	3	0	4	6	0	22	9	0	0	6
	1200	7	2	5	3	5	2	5	2	0	23	6	1	1	10
	1500	4	1	5	3	3	3	3	4	5	19	6	1	0	7
	1800	5	0	2	2	4	0	5	4	9	16	6	0	0	6
	2100	6	0	1	1	3	0	4	4	12	19	0	0	0	4
	TOTAL	63	3	19	18	21	7	36	32	49	162	34	2	1	6
سنجار SINJAR	0300	17	0	3	0	1	0	6	3	1	27	2	1	0	8
	0600	5	0	8	0	0	0	10	3	5	20	5	1	0	6
	0900	6	1	8	1	5	0	8	2	0	25	6	0	0	8
	1200	5	0	4	2	7	0	9	3	1	18	9	3	0	11
	1500	4	0	2	0	4	0	10	1	10	14	6	1	0	7
	1800	15	1	0	0	4	1	6	4	0	26	4	1	0	9
	TOTAL	52	2	25	3	21	1	49	16	17	130	32	7	0	8
كركوك KIRKUK	0000	0	13	2	1	0	0	0	1	14	16	1	0	0	3
	0300	0	5	0	3	0	0	0	0	23	8	0	0	0	1
	0600	0	1	4	2	3	2	0	0	19	12	0	0	0	2
	0900	0	2	0	2	7	5	4	2	9	21	1	0	0	3
	1200	0	2	0	1	3	7	10	2	6	24	1	0	0	5
	1500	0	1	0	1	3	4	5	2	15	14	2	0	0	3
	1800	0	8	4	1	0	0	1	0	17	14	0	0	0	2
	2100	0	9	3	0	0	0	0	0	19	11	1	0	0	2
	TOTAL	0	41	13	11	16	18	20	7	122	120	6	0	0	3
خانقين KHANAQIN	0300	0	0	14	1	7	0	1	0	8	23	0	0	0	3
	0600	0	0	11	1	1	0	2	0	16	15	0	0	0	2
	0900	2	0	2	0	7	0	9	4	7	23	1	0	0	4
	1200	3	0	1	0	11	0	10	4	2	27	2	0	0	6
	1500	2	1	1	0	2	1	15	2	7	24	0	0	0	4
	1800	0	1	7	0	2	0	1	1	19	12	0	0	0	1
	TOTAL	7	2	36	2	30	1	38	11	59	124	3	0	0	3
رطبة RUTBAH	0000	2	1	2	1	7	2	4	1	11	18	2	0	0	4
	0300	2	0	1	0	5	2	6	1	14	15	2	0	0	4
	0600	2	0	1	1	4	1	6	1	15	13	3	0	0	4
	0900	0	1	3	4	8	1	7	1	6	19	5	1	0	6
	1200	2	0	4	3	8	2	7	1	4	23	3	1	0	6
	1500	3	1	6	4	6	0	5	2	4	24	3	0	0	5
	1800	5	0	4	5	2	0	2	3	10	20	1	0	0	4
	2100	3	0	4	3	4	0	4	2	11	18	2	0	0	4
	TOTAL	19	3	25	21	44	8	41	12	75	150	21	2	0	5

TABLE 13-b . عدد تكرار رصدات الرياح السطحية :

SURFACE-WIND, NUMBER OF OBSERVATIONS OF :

المحطة STATIONS	وقت گرينتش TIME GMT.	DIRECTION الاتجاه N	NE	E	SE	S	SW	W	NW	SPEED IN KNOTS السرعة بالعقد CALM	1-10	11-21	22-33	34	معدل السرعة بالعقد MEAN V. K.
حي HAI	0000	9	1	1	1	0	0	3	7	9	18	4	0	0	6
	0300	1	0	5	0	0	0	5	10	10	17	4	0	0	5
	0600	2	0	7	1	1	1	8	5	6	22	3	0	0	5
	0900	1	1	5	1	0	0	7	9	7	15	9	0	0	7
	1200	2	2	3	2	0	0	7	7	8	16	7	0	0	6
	1500	0	2	3	0	0	0	4	5	17	13	1	0	0	2
	1800	2	1	2	1	1	0	6	11	7	24	0	0	0	4
	2100	3	0	2	1	1	0	5	11	8	20	3	0	0	5
	TOTAL	20	7	28	7	3	1	45	65	72	145	31	0	0	5
ديوانية DIWANIYA	0000	9	4	2	4	1	1	6	3	1	28	2	0	0	5
	0300	5	1	5	2	2	0	7	4	5	25	1	0	0	4
	0600	3	3	7	0	4	1	8	2	3	28	0	0	0	5
	0900	4	2	6	2	1	2	10	1	3	26	2	0	0	6
	1200	6	0	3	3	2	2	4	7	4	24	3	0	0	6
	1500	8	3	6	3	1	0	6	1	3	28	0	0	0	4
	1800	5	6	8	1	2	1	4	2	2	25	4	0	0	5
	2100	11	8	4	2	2	0	3	0	1	29	1	0	0	7
	TOTAL	51	27	41	17	15	7	48	20	22	213	13	0	0	5
باصرية BASIRIYA	0000	6	1	4	4	3	2	3	4	4	26	1	0	0	5
	0300	1	4	2	3	4	1	7	7	2	29	0	0	0	4
	0600	2	1	2	2	6	1	9	6	2	28	1	0	0	5
	0900	4	0	5	5	2	2	5	6	2	26	3	0	0	6
	1200	6	1	3	6	1	2	5	6	1	25	5	0	0	6
	1500	3	2	8	3	0	0	4	6	5	25	1	0	0	4
	1800	4	1	7	5	0	0	3	7	4	26	1	0	0	5
	2100	4	1	2	9	0	1	3	8	3	27	1	0	0	5
	TOTAL	30	11	33	37	16	9	39	50	23	212	13	0	0	5
بصرة BASRAH	0000	4	5	3	1	2	4	4	3	5	26	0	0	0	3
	0300	5	1	8	1	1	1	9	3	2	29	0	0	0	2
	0600	2	2	6	2	3	0	4	4	8	22	1	0	0	3
	0900	7	0	1	3	3	0	0	12	5	23	1	0	0	4
	1200	8	1	2	1	1	1	3	12	2	28	1	0	0	4
	1500	4	2	5	3	2	0	1	10	4	27	0	0	0	3
	1800	5	3	3	1	8	0	3	6	2	29	0	0	0	3
	2100	4	0	5	2	8	0	1	9	2	29	0	0	0	3
	TOTAL	39	14	33	14	28	6	25	59	30	215	3	0	0	3
عرباية RABBANIYA	0000	1	1	2	1	0	1	3	1	21	7	3	0	0	3
	0300	1	4	1	0	0	1	3	1	20	10	1	0	0	2
	0600	4	2	3	2	1	0	6	6	7	21	3	0	0	4
	0900	8	2	3	1	4	2	7	3	1	24	6	0	0	7
	1200	1	6	2	2	5	0	5	5	5	23	3	0	0	5
	1500	3	3	5	0	2	0	2	2	14	17	0	0	0	2
	1800	2	1	5	0	1	0	1	2	19	10	2	0	0	2
	2100	2	4	5	0	0	0	1	1	18	13	0	0	0	2
	TOTAL	22	23	26	6	13	4	28	21	105	125	18	0	0	3

OCTOBER 1962

TABLE 14-a

DAILY PRECIPITATION (MILLIMETRES)

DATE	BAGHDAD	MOSUL	SINJAR	KIRKUK	KHANAQIN	SULTAN	HIT	DIWANIYA	NASIRIYA	BASRAH	HABBANIYA
1											
2											
3											
4											
5											
6											
7	tr.	tr.		tr.				tr.	tr.		tr.
8		0.2	tr.				tr.		tr.		1.5
9					0.5						
10											
11											
12		1.6									
13			1.7								
14											
15											
16											
17									tr.	tr.	
18											
19											
20											
21											
22				tr.							
23	tr.					0.4		tr.			
24	2.3			3.1	0.3		tr.	0.5	tr.		1.0
25	tr.	tr.		3.4	3.6		0.5	tr.	tr.		0.1
26		0.9		tr.		tr.			tr.		
27											
28											
29						tr.					
30											
31											
TOTAL	2.3	2.7	1.7	5.3	4.3	0.4	0.5	0.5	tr.	tr.	3.4
NORMAL	3.1	7.9	14.5	3.7	5.0	4.7	1.3	0.9	1.5	0.8	1.8
MAX. FALL IN 24 HOURS	15.8	27.4	35.0	9.8	54.8	30.1	9.5	5.9	8.5	4.2	15.2
DAY	30th	27	29	31	30	27	22	21	31	31	20th
YEAR	1937	1924	1937	1961	1937	1937	1959	1959	1954	1954	1942

OCTOBER 1962 .

TABLE 14-b .

DAILY PRECIPITATION (MILLIMETERS) , tr. < 0.05 mm.

التاريخ	عقرة	كيارة	تلعفر	حويجة	الاختيار	حلبجة	صلاح الدين	دهوك	عانة	تل عفر
DATE	AQRA	QAYARA	TELA-AFAR	HAWIJA	IFTIKHAR	HALA-BJAH	SALAH ALDDIN	DUHOK	ANAH	TUZ
1										
2										
3										
4										
5							tr.			
6							tr.			
7							5.0			
8							7.0			
9	0.6						4.0	4.0		
10							9.0			
11	tr.						tr.			
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24		tr.		2.8	4.6				4.5	
25	0.6	5.5		2.2		4.0			5.5	8.1
26	0.3	4.0				2.5				
27	1.5									
28										
29										
30										
31										
TOTAL	3.0	9.5		5.0	4.6	6.5	25.0	4.0	10.0	8.1

OCTOBER 1962 . تشرين الاول ١٩٦٢

TABLE 14-c .

الهطول اليومي (ملليمترات)

DAILY PRECIPITATION (MILLIMETERS) . tr. <0.05 mm.

التاريخ DATE	بيجي BAIJI	سامراء SAMI-RAA	المنصور ALMA-NSOOR	سعدية SAIDIYA	عزيزية AZIZIYZ	هيت HIT	كربلاء KAR-BALAA	سماوة SAMAWA	كوت KUT	جلولاء JALA-WLAA
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18	tr.									
19										
20										
21										
22										
23						tr.				
24		tr.				1.8			tr.	
25		4.5	5.1	4.0	1.0				tr.	4.3
26										
27										
28										
29										
30										
31										
TOTAL	tr.	4.5	5.1	4.0	1.0	1.8			tr.	4.3

TABLE 14-d . الهطول اليومي (ملليمترات)

DAILY PRECIPITATION (MILLIMETERS) . tr. <0.05 mm.

التاريخ	اور	نخيب	شبكة	فاو	سلمان	افراز	كفري	كويسنجق	قادر كرم	طقطق
DATE	UR	NUKHAIB	SHA-BICHA	FAO	SAL-MAN	IFRAZ	KOUFRI	KOISI-NJANQ	QADIR KARAM	TAQ-TAQ
1										
2										
3										
4										
5										
6										
7		tr.								
8										
9								tr.		
10										
11						3.4				
12										
13										tr.
14										
15										
16										
17										
18										
19										
20										
21										
22										tr.
23								tr.		
24		tr.					8.0			
25								1.0		
26						1.2				tr.
27										
28										
29										
30										
31										
TOTAL		tr.				4.6	8.0	1.0		tr.

OCTOBER 1962.

TABLE 14-e.

تشرين الاول ١٩٦٢ (14)

الهطول اليومي (ملليمترات)

DAILY PRECIPITATION MILLIMETERS) , tr. (0.05 mm.

التاريخ	زيبار	دوكان	ديانا	فتحة	راوندوز	دربندخان	طوسان
DATE	ZIBAR	DUKAN	DIANA	FATHA	RAWANDUZ	DARBANDIXHAN	TUSAN
1							
2							
3							
4							
5							
6							
7							
8							1.0
9			8.5	tr.	9.3	1.7	
10			7.2		12.1		
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22		0.5					
23							
24				4.5		2.0	
25		4.0	8.5	2.0		3.5	
26			1.0				
27					7.2		
28					8.0		
29							
30							
31							
TOTAL		4.5	25.2	6.5	36.6	7.2	1.0

TABLE - 15 .

CLIMATOLOGICAL SUMMARY : الملخصات المناخية :

No. of Days of Phenomenas : عدد الايام التي حدثت فيها الظواهر الجوية :

STATIONS	RAIN	SNOW	HAIL	THUNDER STORM	FOG	DUST	STATE OF SKY CLEAR	STATE OF SKY CLOUDY
BAGHDAD	1	0	0	1	0	0	17	0
MOSUL	3	0	0	1	0	1	5	0
SINJAR	1	0	0	0	0	0	4	0
KIRKUK	2	0	0	0	0	1	15	0
KHANAQIN	2	0	0	1	0	0	9	2
RUTBAH	1	0	0	2	0	0	12	0
HAI	1	0	0	0	0	0	18	0
DIWANIYA	1	0	0	1	0	0	18	0
NASIRIYA	0	0	0	0	0	0	15	0
BASRAH	0	0	0	0	0	0	15	0
HABBANIYA	2	0	0	1	0	0	11	1

TABLE - 16 .

DURATION OF SUNSHINE : مدة سطوع الشمس

STATIONS	MONTHLY TOTAL SUNSHINE HOURS	MAX. SUNSHINE IN ONE DAY HOURS	MAX. SUNSHINE IN ONE DAY DATE	No. OF DAYS WITHOUT SUNSHINE
BAGHDAD	280.2	10.6	2nd.	0
MOSUL	248.8	10.5	15th	0
BASRAH	301.8	11.0	3rd.	0
HABBANIYA	301.9	11.0	1st&4th	0

TABLE - 17 . المعدل الشهري لحرارة العشب و التربة و اقصى سرعة ريح خلال ساعة واحدة

Monthly Mean of , and, Highest Wind Speed (Knots) in one Hour.

STATIONS	MEAN GRASS MINIMUM C° TEMPERATURES	MEAN EARTH TEMPERATURE 0.3 M	MEAN EARTH TEMPERATURE 1.2 M	HIGHEST WIND SPEED	DIRECTION	TIME GMT.	DATE
BAGHDAD	11.9	27.2	29.3	18	130	1200	7th.
MOSUL	....	25.8	28.0	35	280	1200	8th.
SINJAR	....	....	....	35	360	0300	14th
KIRKUK	13.6	25.0	27.3	18	130	1200	7th.
KHANAQIN	....	....	....	18	180	1200	26th
RUTBAH	....	....	....	25	090	0900	28th
HAI	15.5	....	....	18	250	1200	24th
DIWANIYA	....	....	....	13	020	0000	28th
NASIRIYA	17.0	29.9	30.4	17	080	0900	25th
BASRAH	13.4	....	....	14	320	1200	31st
HABBANIYA	15.4	27.5	29.2	18	060	1800	24th

RADIOSONDE OBSERVATIONS AT STANDARD LEVELS (0001 G.M.T.) AT BAGHDAD AIRPORT

DATE	1000-mbs. HHH	TT	T_dT_d	dd ff	850-mbs. HHH	TT	T_dT_d	dd ff	700-mbs. HHH	TT	T_dT_d	dd ff	600-mbs. HHH	TT	T_dT_d	dd ff
1	011	28	12	34 08	156	24	52	32 09	321	09	65	34 09	446	51	73	36 15
2	012	25	11	33 07	144	24	56	33 12	327	10	65	25 06	446	50	73	23 08
3	011	24	10	31 03	155	22	61	35 07	318	07	70	15 04	442	51	78	18 07
4	011	27	10	29 06	155	22	56	25 09	319	07	67	14 10	443	51	76	15 06
5	011	23	14	16 04	154	24	54	23 05	319	07	65	25 15	443	58	73	27 12
6	010	27	08	15 10	155	24	55	23 09	319	09	65	33 08	444	52	73	32 11
7	008	26	14	14 18	153	25	54	14 19	315	10	63	16 20	444	52	71	14 25
8	009	28	15	17 03	153	23	55	31 12	318	09	62	28 12	443	52	61	- -
9	009	30	18	18 06	151	20	51	21 12	314	05	57	25 16	437	56	62	24 20
10	060	25	17	36 16	148	18	02	23 11	310	04	52	21 12	434	55	59	24 19
11	010	23	07	31 15	149	13	56	28 12	308	02	65	27 26	431	55	73	28 33
12	015	21	07	35 05	157	15	55	32 12	317	05	64	29 15	441	53	84	28 20
13	014	24	15	05 05	155	18	05	36 08	318	05	02	27 27	442	52	60	25 47
14	011	23	10	29 16	152	17	51	25 20	313	03	64	24 18	437	52	85	27 32
15	010	22	11	28 05	155	15	03	29 14	314	04	51	27 27	438	53	66	26 55
16	013	28	09	08 07	154	16	01	31 10	316	05	55	29 23	440	53	68	27 26
17	013	24	10	09 05	154	17	54	24 14	315	03	63	26 18	438	54	69	22 -
18	013	26	00	09 02	156	20	51	32 05	319	05	57	28 21	442	53	68	26 25
19	014	25	00	07 07	156	20	52	21 08	319	06	56	28 18	442	53	65	30 19
20	012	27	-	10 06	156	22	-	25 12	319	06	-	26 18	442	57	-	25 28
21	011	32	11	23 14	156	24	02	24 16	321	08	60	35 11	445	55	69	22 21
22	012	27	17	28 06	156	23	04	27 14	320	08	61	26 28	445	53	66	26 28
23	011	22	01	02 07	153	18	51	31 14	313	00	67	28 31	434	62	68	26 41
24	020	22	01	02 07	153	17	51	31 14	313	00	67	28 31	434	62	68	26 41
25	014	22	15	08 12	152	16	02	21 15	314	04	56	25 22	436	52	63	- -
26	011	22	07	07 15	152	15	03	14 21	314	02	51	19 23	436	58	64	21 28
27	-	-	-	- -	-	-	-	- -	-	-	-	- -	-	-	-	- -
28	018	25	09	04 14	158	18	54	30 05	321	06	59	24 11	445	54	59	35 32
29	-	-	-	- -	-	-	-	-	-	-	-	- -	-	-	-	- -
30	013	22	12	07 03	155	21	56	00 00	319	01	62	15 05	443	54	67	01 07
31	014	22	10	02 08	154	20	56	32 10	318	08	60	11 04	442	52	64	14 06
MEANS	012	24	10	- 08	154	19	52	- 12	317	05	61	- 17	441	54	68	- 24

NOTES: TEMPERATURES AND DEW POINT ARE IN DEGREES CENTIGRADE. HEIGHTS ARE IN DECAMETERS IN ALL LEVELS. TEMPERATURES AND DEWPOINT BELOW FREEZING 50° IS ADDED. THE SIGN (-) MEANS NO RECORD OR NOT AVAIALBLE.

TABLE 18-b.

Month: October 1962.

RADIOSONDE OBSERVATIONS AT STANDARD LEVELS (000Z G.M.T.) AT BAGHDAD AIRPORT

DATE	500-mbs. HHH	TT	T_dT_d	dd	ff	400-mbs. HHH	TT	T_dT_d	dd	ff	300-mbs. HHH	TT	T_dT_d	dd	ff	200-mbs. HHHH	TT	T_dT_d	dd	ff	150-mbs. HHHH	TT	T_dT_d	dd	ff	100-mbs. HHHH	TT	T_dT_d	dd	ff
1	589	61	82	34	09	756	74	93	30	22	959	90	07	28	22	1226	05	19	-	-	1408	10	-	-	-	1658	16	-	-	-
2	590	59	80	-	-	759	70	90	-	-	967	84	02	-	-	1240	03	18			1422	10				1673	17			
3	535	62	88			753	72	96			958	89	10			1224	08				1402	17				1646	17			
4	586	60	83			755	72	93			960	88	08			1226	08				1410	13				1652	16			
5	585	62	81	25	17	752	73	91	25	22	956	89	05			1221	07	21			1410	14								
6	586	63	82	31	16	753	74	95	28	15	951	89	08	27	26	1224	04	18			1407	09				1657	19			
7	585	63	73	19	08	751	75	83			955	03	01			1224	13	16			1406		24							
8	584	63	66			751	75	77			954	90	98			1224	02	12			1408	08				1661	13			
9	577	67	69	25	21	741	77	90			942	94	05			1206	04	14			1388	09				1638	17			
10	575	63	75			741	76	89			942	92	02			1209	03	15			1394	08				1647	13			
11	573	64	82	27	47	738	76	92	25	42	940	89	95			1210	04	16			1321	15								
12	583	61	93	28	23	749	74	95			954	87	03			1225	04	16			1401	12				1667	15			
13	595	62	69	25	49	751	76	77			954	88	91			1223	02	09												
14	575	62	85	27	32	745	76	92			947	92	95			1210	08	19			1388	15				1635	15			
15	580	61	75	25	52	747	72	86			952	88	99			1221	94	13			1403	09	18			1654	15			
16	581	64	80	25	39	746	76	93			947	92	06			1212	06	19			1393	09	22			1645	13			
17	579	65	70			744	75	89			945	92	04			1208	09	18			1388	11								
18	584	63	78	25	38	749	75	89	23	30	951	92	03			1214	09	18			1393	13				1641	14			
19	583	64	77			748	75	89			949	92	01			1213	11	13			1391	13	19			1640	12			
20	581	68		25	31	743	81				940	98				1194	20				1364	23				1600	25			
21	584	69	81	22	20	746	83	95	23	26	941	01	11			1189	25													
22	586	64	81			751	76	02			953	89	05			1221	06	21			1401	14				1645	21			
23	571	72	79																											
24	571	72	79			742	76	80			943	93	96																	
25	575	69	75			737	81	85			934	01	05																	
26	576	70	80	24	25	737	87	89	24	34	933	01	16			1185	20				1353	22								
27																														
28	586	63	68	25	29	783	74	83	25	28	952	89	94			1224	04	10												
29																														
30	584	64	77	02	02	749	74	88			953	89	02			1222	02	13			1406	07	18			1662	11			
31	585	62	74	03	10	752	74	85	05	18	959	90	98			1223	02	10			1408	05	13							
MEANS	580	64	78	-	25	749	76	89	-	26	950	92	03	-	24	1216	07	16			1394	12	19			1644	16			

TABLE 19-a.

Month: October 1962

BAGHDAD AIRPORT

Frequency of Horizontal Visibility

T I M E - G.M.T.

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -200M																									
>200 -500																									
>500 -1000M									1																1
>1000 -1500M																									
>1500 -3000M					2	3				1						4	1								11
>3 -5KM				1	6	4	4	2			1	1	1	1	2	3	3	2							31
>5 -10KM				9	15	22	19	16	16	4	2	2	1	1	9	24	11	4	2	5	4	2	2		160
>10 -15KM	7	8	9	16	6	2	7	10	15	18	16	15	14	16	12	3	11	15	14	14	9	11	8	13	266
>15KM	24	23	22	5	1		1	1	5	8	12	13	18	13	8		5	10	15	14	18	18	21	18	275
Total	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	744

NOTE: In field containing two numbers the first one gives the base with dust in the air, the second number shows the total.

Frequency of different heights of cloud-base (amount 4-8 Oktas)

Height	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -200M																									
>50 -150M																									
>150 -300M																									
>300 -500M																									
>500 -900M											1	1													2
>900M	31	31	31	31	31	31	31	31	31	31	30	30	31	31	31	31	31	31	31	31	31	31	31	31	742

TABLE 19-b .

BASRAH AIRPORT

Month: October 1962 .

Frequency of horizontal visibility

T I M E - G.M.T.

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -200M																									
>200 -500M																									
>500 -1000M																									
>1000 -1500M																									
>1500 -3000M					1																				1
>3 -5KM				1	3	1									1										6
>5 -10KM				7	7	5	2	2	1/2	1/2	1/4			2	2	2	1				2				40
>10 -15KM	5	2	4	10	10	7	13	7	1	2	4	3	5	4	12	8	5	3	1	2	2	4	4	4	122
>15KM	26	29	27	13	10	18	16	22	28	27	23	28	26	25	16	21	25	28	30	29	27	27	27	27	575
Total	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	744

NOTE: In fields containing two numbers the first one gives the cases with dust in the air. the second number shows the total.

Frequency of different heights of cloud-base (amount 4-8 Oktas)

Height	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -50M																									
>50 -150M																									
>150 -300M																									
>300 -500M																									
>500 -900M																									
900M	3	2	2	7	8	7	5	6	7	4	3	4	5	6	3	4	3	3	2	3	3	4	4	4	101

Month : October 1962 .

TABLE 20-a.

BAGHDAD AIRPORT

Simultaneous occurrences of specified visibility ranges and specified lowest cloud-base (≥4 Oktas)

HEIGHT METERS	VISIBILITY 0-200M			≥200-500M			≥0.5-1KM			≥1-1.5KM			≥1.5-3KM			≥3-5KM			≥5-10KM			≥10-15KM			≥15KM			TOTAL		
0-50																														
≥50-150																														
≥150-300																														
≥300-500																														
≥500-900																														
<4/8 OR *																1	4		9	19	7	16	7	24	5	1	31	31	31
≥ 900													1		4	1	3	4	1	21	18	11	3	8	18		31	31	31
AND ≥4/8															5		9	2	2	58	14	11	87	15	18	89	31	31	248
																1	4		9	19	7	16	7	24	5	1	31	31	31
TOTAL													1		4	1	3	4	1	21	18	11	3	8	18		31	31	31
															5		9	2	2	58	14	11	87	15	18	89	31	31	248

NOTE:

The nine fields for each combination of visibility and height contain the number of occurrences for different times using the following model :

00	03	06
09	12	15
18	21	To

GMT.

To= Total for all hours.

*ALL CASES WITH CLOUD AMOUNT OF LESS THAN 4/8 ARE ENTERED HERE.

Month : October 1962 .

TABLE 20-D .

BEBRAH AIRPORT

Simultaneous occurrences of specified visibility ranges and specified lowest cloud-base (≥4 Oktas)

HEIGHT METRES	VISIBILITY 0-200M	≥200-500M	≥0.5-1KM	≥1-1.5KM	≥1.5-3KM	≥3-5KM	>5-10KM	>10-15KM	≥15KM	TOTAL
0-50										
>50-150										
>150-300										
>300-500										
>500-900										
4/8 OR *						1	7	1 5 10 14	26 13 16	31 31 31
>500							2	2 2 5 8	27 26 21	31 31 31
and ≥ 4/8						1	12	1 4 49	30 27 186	31 31 248
TOTAL						1	7	1 5 10 14	26 13 16	31 31 31
							2	2 2 5 8	27 26 21	31 31 31
						1	12	1 4 49	30 27 186	31 31 248

NOTE:

The nine fields for each combination of visibility and height contain the number of occurrences for different times using the following model :

00	03	06
09	12	15
18	21	To

GMT.

To= Total for all hours.

*ALL CASES WITH CLOUD AMOUNT OF LESS THAN 4/8 ARE ENTERED HERE

NOVEMBER 1962 (11)

الجمهورية العراقيـــــــــة

وزارة المواصـــلات

مديرية الطيران المدني العامـــــــــــــــــــة

مفتشية الانواء الجوية العامـــــــة

شعبة المنـــاخ

بغداد

I R A Q R E P U B L I C

MINISTRY OF COMMUNICATIONS

DIRECTORATE GENERAL OF CIVIL AVIATION

METEOROLOGICAL DEPARTMENT

CLIMATOLOGICAL SECTION

B A G H D A D

معلومات مناخية شهرية لشهر تشرين الثاني ١٩٦٢ .

MONTHLY CLIMATOLOGICAL DATA FOR NOVEMBER 1962

مجلد ٢٥ ، عدد (١١) ، تشرين الثانـــي ١٩٦٢ .

VOLUME 25, No. (11), NOVEMBER 1 9 6 2 .

C O N T E N T S

	TABLE	PAGE	
General situation of the month	-	a	لمحة عامة عن التقرير المناخي الشهري
Daily mean temperatures	1	1	المعدل اليومي لدرجات الحرارة
" " pressure at M.S.L.	2	2	" " للضغط الجوي على سطح البحر
" " relative humidity	3	3	" " للرطوبة النسبية
Daily maximum and minimum temperatures	4ab	4-5	درجات الحرارة العظمى و الصغرى اليومية
Monthly mean dry-bulb temperatures	5	6	المعدل الشهري لدرجات الحرارة للبصلة الجافة
" " wet-bulb "	6	6	" " " " الرطبة
" " pressure at M.S.L.	7	6	" " للضغط الجوي على سطح البحر
" " relative humidity	8	6	" " للرطوبة النسبية
" " vapour pressure	9	7	" " لضغط البخار
" " dew-point	10	7	" " لدرجة الندى
" " low-cloud amount	11	7	" " لكمية الغيوم الواطئة
" " total-cloud amount	12	7	" " لمجموع كمية الغيوم
Surface-Wind, number of observations of	13ab	8-9	عدد تكرار رصدات الرياح السطحية
Daily precipitation	14a-e	10-14	الهطول اليومي
Climatological summary	15	15	الملخصات المناخية
Duration of sunshine	16	15	مدة سطوع الشمس
Monthly mean temperatures of grass & earth with highest wind-speed in one hour	17	15	المعدل الشهري لحرارة الحشيش و التربة و اقصى سرعة ريح خلال ساعة
Frequency of horizontal visibility at Baghdad & Basrah	18ab	16-17	تذبذبات كل من مدى الرؤيا و ارتفاع الغيوم في بغداد و البصرة
Combined statistics of visibility and cloud-base at Baghdad & Basrah	19ab	18-19	احصائيات مزدوجة لمدى الرؤيا و لقاعدة الغيوم في بغداد و البصرة

تشرين الثاني ١٩٦٢

كان الجو غير مستقر في الاسبوع الاول من الشهر نظرا لوجود منخفض جوي فوق العراق ادى الى هطول امطار خفيفة بصورة اجمالية بمواصف رعدية و ترابية محلية و الرياح جنوبية شرقية شديدة السرعة .

اما في بقية الايام فقد كان الجو مستقرا و الرياح شمالية غربية معتدلة السرعة .

اما درجات الحرارة و الرطوبة النسبية و الضغط الجوي فقد كانت قريبة من معدلاتها و لم تسجل ارقام قياسية جديدة بل بقيت كالسابق .

NOVEMBER 1 9 6 2

The first week of the month was unsettled due to low pressure, which caused general slight rain accompanied some time with local Thunderstorms and Duetstorms, with SE'ly winds.

On the rest days of the month the weather was settled generally with NW'ly winds in the main moderate.

The temperatures, relative humidity and pressure were around their average and the records remained as before .

NOVEMBER 1962 .

تشرين الثاني ١٩٦٢

TABLE - 1 .

المعدل اليومي لدرجات الحرارة (سنتغراد)

DAILY MEAN TEMPERATURES (C°) OF 8 OBSERVATIONS

التاريخ	بغداد	موصل	سنجار	كركوك	رطبة	حي	ديوانية	ناصرية	بصرة	حبانية
DATE	BAGH-DAD	MOSUL	SINJAR	KIRKUK	RUTBAH	HAI	DIWA-NIYA	NASI-RIYA	BASRAH	HABB-ANIYA
1	23.6	20.5	26.6	25.0	22.2	25.4	24.6	25.4	23.6	23.2
2	23.1	19.5	26.0	24.6	21.0	25.2	24.4	25.7	24.6	22.6
3	22.2	19.3	24.8	22.1	21.8	23.9	23.2	24.3	23.2	23.5
4	25.1	18.7	22.5	23.6	22.8	23.4	25.4	24.9	23.3	26.8
5	24.7	20.7	20.2	24.2	18.8	23.8	24.2	25.2	25.6	25.4
6	21.2	15.1	16.1	17.0	16.1	23.2	25.1	25.7	24.8	18.8
7	20.3	14.9	16.4	17.9	15.9	21.5	21.9	22.2	25.1	18.9
8	19.2	14.7	15.1	17.3	16.5	19.1	19.3	19.4	21.6	17.7
9	20.3	14.1	13.6	15.4	16.8	19.2	20.3	19.4	20.5	20.1
10	19.1	13.5	16.1	15.2	14.2	19.2	19.5	19.9	21.8	18.3
11	15.7	13.2	15.8	13.8	15.7	17.1	17.9	17.5	18.9	15.6
12	17.0	13.2	18.6	15.7	17.4	17.9	18.1	17.9	18.6	17.1
13	17.6	14.6	20.6	18.6	16.5	19.4	18.8	19.0	19.4	18.3
14	18.5	15.1	20.4	19.6	18.3	18.7	18.8	18.4	18.9	19.4
15	18.5	15.2	19.6	20.2	18.5	20.1	19.6	19.7	18.5	18.7
16	17.9	13.9	19.4	19.5	16.7	19.2	19.3	20.0	19.3	17.7
17	16.2	14.3	18.7	18.8	16.8	19.2	18.0	19.1	19.5	16.6
18	16.1	13.6	19.4	18.1	18.3	18.5	17.4	18.2	18.6	16.0
19	16.4	13.6	21.7	18.2	17.1	18.9	17.6	18.0	18.0	17.6
20	17.3	14.5	21.2	19.6	15.7	17.2	17.1	17.2	18.2	16.8
21	17.6	13.6	19.0	18.8	14.3	17.7	17.8	18.6	19.5	16.3
22	15.9	12.8	19.3	18.8	13.4	18.9	17.6	18.1	19.0	16.2
23	15.1	14.0	20.0	22.4	13.7	16.9	16.4	17.6	16.5	15.4
24	15.2	12.8	20.1	20.5	13.0	16.5	16.0	16.4	16.2	13.8
25	13.4	10.8	19.1	18.7	11.3	17.4	15.1	16.0	15.5	13.0
26	13.0	10.1	17.2	18.2	10.7	14.5	14.5	14.2	14.6	11.8
27	11.7	9.6	16.7	15.8	11.0	15.6	13.8	14.1	13.7	11.1
28	10.9	9.4	14.7	16.1	10.8	12.9	12.3	13.0	13.4	11.1
29	11.9	8.8	14.4	14.1	10.3	12.0	12.4	12.6	13.5	11.3
30	10.3	7.8	14.4	13.5	10.6	12.9	12.9	13.1	13.6	10.2
MEANS	17.5	14.1	18.9	18.7	15.9	18.8	18.6	19.0	19.3	17.3
NORMAL	16.6	12.9	18.9	16.4	14.1	18.2	17.5	18.7	19.2	16.9
YEARS OF NORMAL	1937	1923	1962	1935	1928	1940	1939	1940	1937	1935
	1956	1956	1962	1956	1956	1956	1956	1956	1956	1956

NOTES :

T I M E - G . M . T .

$$\frac{0000+0300+0600+0900+1200+1500+1800+2100}{8} = \text{DAILY MEAN}$$

NOVEMBER 1962. (TABLE - 2) تشرين الثاني ١٩٦٢ (2)

المعدل اليومي للضغط الجوي على سطح البحر (ملليبارات)

DAILY MEAN PRESSURE (MILLIBARS) AT M.S.L.

DATE	BAGHDAD	MOSUL	SINJAR	KIRKUK	RUTBAH	HAI	DIWANIYA	NASIRIYA	BASRAH	HABBANIYA
1	1014.3	1015.8	1015.0	1014.9	1015.2	1012.8	1013.5	1013.4	1013.6	1014.4
2	14.2	14.9	14.0	14.1	16.4	12.7	13.5	13.2	13.2	14.3
3	14.4	14.4	13.4	14.5	15.5	13.1	13.7	13.7	14.8	14.4
4	14.6	15.1	14.0	15.0	12.4	14.4	14.0	14.4	14.8	13.8
5	12.1	12.7	11.8	13.0	10.8	13.8	12.4	13.5	15.1	11.1
6	13.8	17.4	16.6	16.8	15.0	13.0	11.0	12.4	15.2	13.6
7	16.6	18.9	18.6	18.0	17.6	14.7	15.4	16.0	16.8	17.1
8	18.1	19.5	18.7	19.0	16.5	17.8	17.4	17.8	18.1	18.0
9	18.7	20.5	19.7	19.9	17.4	18.0	17.9	17.8	17.0	18.1
10	21.9	23.9	23.4	22.9	22.2	20.2	20.6	20.3	18.2	22.0
11	23.5	25.0	23.9	24.2	23.7	21.2	22.8	22.1	20.8	24.0
12	19.8	21.3	19.7	20.1	20.8	17.5	19.1	18.5	17.8	20.0
13	17.0	18.6	17.4	17.2	19.3	15.6	19.0	16.4	16.2	17.1
14	15.3	16.8	15.8	15.6	17.5	14.3	15.0	14.9	15.4	15.4
15	15.6	17.6	16.9	16.3	17.2	14.5	14.9	14.8	15.5	15.8
16	16.4	19.2	18.4	17.6	17.9	15.4	15.8	15.8	16.1	16.8
17	18.4	21.2	19.8	19.4	17.5	17.5	18.1	17.7	17.7	18.7
18	20.9	22.8	21.4	21.7	19.8	19.8	20.2	20.2	19.9	20.8
19	20.0	22.2	20.5	20.5	20.7	18.7	19.3	19.1	19.2	20.0
20	18.8	20.7	19.1	19.5	19.6	16.3	18.1	18.6	18.2	18.2
21	21.3	23.6	22.0	22.4	20.6	20.5	20.2	20.2	20.5	21.0
22	22.5	24.8	23.2	22.8	23.6	21.4	21.9	21.7	21.1	23.1
23	21.6	24.3	22.8	21.8	23.3	20.8	21.2	21.3	20.9	21.6
24	21.6	24.6	23.0	22.3	22.7	20.5	20.9	21.0	20.7	21.5
25	20.0	23.4	21.7	20.9	21.8	19.1	19.7	19.6	19.1	20.4
26	21.1	23.2	21.9	21.2	22.2	19.9	20.3	20.5	20.1	21.0
27	22.1	24.0	23.2	22.2	23.4	20.9	21.6	21.3	20.9	22.0
28	20.7	22.5	21.2	20.5	21.9	20.0	20.3	20.6	20.5	20.6
29	20.6	23.0	21.3	21.2	21.2	19.8	19.9	20.1	20.4	20.4
30	21.7	25.2	24.1	23.8	22.6	22.2	22.4	22.2	22.2	23.3
MEANS	1018.6	1020.6	1019.4	1019.3	1019.2	1017.6	1018.0	1018.0	1018.0	1018.6
NORMAL	1017.8	1018.7	1019.4	1017.6	1018.4	1017.2	1016.6	1016.8	1016.6	1017.7

1962

STATIONS	HIGHEST	DAY	YEAR	TIME GMT.	LOWEST	DAY	YEAR	TIME GMT.
BAGHDAD	1025.7	11th	1962	0600	1010.7	5th.	1962	1500
MOSUL	1027.1	11th	1962	0600	1010.0	5th.	1962	1200
SINJAR	1024.9	30th.	1962	0600	1009.3	5th.	1962	1500
KIRKUK	1026.1	11th	1962	0600	1010.3	5th.	1962	1200
RUTBAH	1025.8	11th	1962	0600	1009.8	4th.	1962	0021
HAI	1023.4	30th	1962	0600	1010.8	6th.	1962	1500
DIWANIYA	1025.1	11th	1962	0600	1008.7	6th.	1962	1200
NASIRIYA	1024.5	11th	1962	0600	1011.0	6th.	1962	1500
BASRAH	1023.5	30th	1962	0600	1012.5	2nd.	1962	1200
HABBANIYA	1026.3	11th	1962	0600	1008.6	5th.	1962	1200

RECORD

STATIONS	HIGHEST	DAY	YEAR	TIME GMT.	LOWEST	DAY	YEAR	TIME GMT.
BAGHDAD	1029.9	25th	1961	0600	1006.1	7th.	1938	1200
MOSUL	1034.5	22nd	1958	0600	1004.3	7th.	1944	1200
SINJAR	1024.9	9th.	1962	0600	1009.3	5th.	1962	1500
KIRKUK	1031.1	30th	1953	0600	1005.8	22nd	1961	0000
RUTBAH	1034.7	30th	1953	0600	1004.0	7th.	1938	1300
HAI	1028.2	30th	1953	0600	1004.9	17th	1957	1200
DIWANIYA	1030.0	29th	1953	1800	1004.5	7th.	1957	1200
NASIRIYA	1028.6	30th	1961	0600	1006.2	7th.	1944	1200
BASRAH	1028.2	30th	1961	0600	1004.9	26th	1939	1300

NOVEMBER 1962 .

تشرين الثاني ١٩٦٢

TABLE - 3 .

المعدل اليومي للرطوبة النسبية (٪)

DAILY MEAN RELATIVE HUMIDITY (%) OF 8 OBSERVATIONS

التاريخ	بغداد	موصل	سنجار	كركوك	رطبة	حي	ديوانية	ناصرية	بصرة	حبانية
DATE	BAGH-DAD	MOSUL	SINJAR	KIRKUK	RUTBAH	HAI	DIWA-NIYA	NASI-RIYA	BASRAH	HABE-ANIYA
1	40	47	28	29	28	24	38	27	55	40
2	42	51	31	30	33	37	36	33	51	40
3	47	48	33	37	34	39	41	33	47	44
4	46	52	39	38	30	47	37	38	50	36
5	41	58	48	37	46	47	38	48	71	38
6	68	84	69	74	54	60	51	51	68	77
7	69	77	62	74	49	72	62	61	60	71
8	71	79	65	76	62	82	79	79	80	69
9	68	87	85	89	64	77	72	79	84	68
10	70	78	39	79	63	75	72	70	80	78
11	62	67	52	73	58	60	59	57	68	70
12	59	73	45	69	45	59	55	55	75	61
13	63	74	45	59	44	60	54	52	70	48
14	61	67	43	53	37	63	55	47	79	56
15	60	71	44	44	39	60	51	48	78	53
16	56	69	40	34	39	59	48	44	78	55
17	53	64	42	34	34	54	50	43	74	50
18	50	74	39	39	32	55	47	43	79	56
19	47	74	35	43	26	48	46	41	55	52
20	50	72	36	41	28	56	49	44	51	58
21	49	71	41	44	26	55	45	48	69	62
22	51	72	41	43	33	50	48	54	62	56
23	56	66	36	17	29	57	48	41	62	53
24	59	61	35	16	31	57	51	38	64	64
25	46	60	34	17	27	52	52	42	68	55
26	44	62	34	19	20	53	44	38	76	51
27	47	62	32	27	18	50	41	34	63	51
28	49	61	33	29	19	47	38	33	56	60
29	51	64	33	34	25	59	46	35	54	61
30	54	67	35	35	29	56	52	38	57	64
MEANS	54	67	42	44	37	56	50	46	66	57
NORMAL	56	69	42	52	56	55	57	52	69	58

1 9 6 2

STATIONS	HIGHEST	TIME GMT.	DAY	LOWEST	TIME GMT.	DAY
BAGHDAD	91	0300	10th	19	1200	26&27th
MOSUL	95	0300	10th	22	1200	26th.
SINJAR	92	0900	11th	24	0900	1st.
KIRKUK	98	1200	9th.	7	1200	25th.
RUTBAH	86	0300	9th.	10	1200	19th.
HAI	92	0300	9th.	23	1200	1st.
DIWANIYA	94	0000	9th.	19	1200	28th.
NASIRIYA	94	0300	11th.	13	1200	27th.
BASRAH	97	0000	18th.	23	1200	28th.
HABBANIYA	95	0300	10th.	14	1500	1st.

TABLE - 4a .

درجات الحرارة العظمى و الصغرى اليومية (سنتغراد)

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

التاريخ	بغداد		موصل		سنجار		خانقين		كركوك		رطبة	
	BAGHDAD		MOSUL		SINJAR		KHANAQIN		KIRKUK		RUTBAH	
	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DATE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	34.0	13.5	33.3	10.4	30.2	21.8	33.9	13.9	31.8	17.4	33.2	16.4
2	32.5	14.5	31.6	10.2	29.5	21.3	32.8	14.4	31.9	16.2	29.3	12.2
3	31.7	13.5	29.2	10.2	27.0	20.8	30.6	13.9	29.7	15.9	30.2	13.2
4	32.2	18.2	30.4	8.0	26.7	17.2	30.6	17.2	32.6	16.2	30.0	14.0
5	30.4	17.0	26.0	15.4	23.5	14.6	31.7	16.1	29.8	19.5	24.6	12.7
6	27.0	21.4	18.4	14.4	19.8	13.2	20.6	16.1	19.7	14.8	22.3	10.9
7	24.7	16.8	23.8	8.8	20.2	10.6	19.4	14.4	24.0	13.0	22.3	8.5
8	24.2	13.4	20.0	9.8	17.6	12.0	22.2	15.6	23.2	12.8	24.8	12.3
9	25.5	13.7	15.6	13.4	15.6	12.8	24.4	14.0	20.5	14.5	24.0	12.2
10	23.5	15.9	19.9	9.0	17.6	9.3	22.6	15.0	20.2	12.0	22.6	8.6
11	23.1	7.7	19.3	5.8	18.4	11.8	21.1	7.4	20.7	8.5	24.8	7.6
12	25.3	9.2	22.2	6.6	20.8	13.6	22.2	8.9	22.9	9.6	26.2	8.6
13	26.4	9.6	23.5	7.4	23.4	15.2	27.2	10.0	28.9	11.0	24.8	8.5
14	28.5	10.9	23.8	7.8	23.6	16.2	26.7	10.0	28.9	12.0	28.0	9.6
15	27.1	11.0	27.0	8.4	23.5	14.6	28.3	11.7	29.8	12.6	28.1	9.3
16	27.1	9.3	25.3	6.6	23.0	14.8	28.3	11.1	25.5	15.2	26.0	8.8
17	27.3	6.2	24.4	6.2	22.4	13.2	27.8	10.0	29.0	14.0	28.4	7.6
18	27.0	6.7	26.6	6.2	24.1	12.8	26.1	10.0	26.8	11.7	30.6	9.7
19	26.6	6.8	24.8	5.8	26.5	13.6	28.3	10.0	26.7	11.9	27.4	8.7
20	27.5	7.8	27.2	7.1	26.0	15.2	28.3	9.4	30.4	12.2	25.6	7.5
21	27.5	8.2	27.0	5.3	23.4	14.3	26.1	9.4	28.3	12.8	24.6	6.0
22	26.9	6.5	25.4	4.8	24.6	12.4	26.1	8.4	27.8	11.7	23.4	5.0
23	26.2	6.8	28.0	5.4	24.6	12.8	29.4	8.9	31.0	14.4	23.2	5.7
24	26.9	5.4	28.8	3.2	23.4	14.8	27.8	9.4	29.4	16.4	23.6	4.5
25	25.3	3.3	26.2	1.4	23.2	13.4	27.2	6.6	29.3	13.4	21.5	2.7
26	25.5	2.8	25.0	0.3	22.0	12.3	26.1	6.1	29.2	13.3	22.2	1.5
27	23.4	2.5	24.0	0.4	22.0	10.3	25.0	6.1	24.2	10.1	23.4	1.3
28	23.3	1.2	23.5	0.2	19.5	9.4	23.3	4.0	25.4	9.8	21.0	1.8
29	22.5	1.2	21.8	0.1	18.5	8.3	22.2	3.9	23.4	9.0	20.1	2.1
30	22.1	2.1	20.3	-0.3	19.2	8.6	22.2	4.0	22.8	8.0	21.7	1.5
MEANS	26.0	9.4	24.6	6.6	22.7	13.4	26.6	10.6	26.8	13.3	25.3	8.0
NORMAL	24.6	10.5	22.3	7.0	22.7	13.4	24.7	10.9	22.7	11.2	21.6	7.4

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
BAGHDAD	34.8	1st	1957	-0.3	30th	1953
MOSUL	35.0	?	1932	-4.4	24th	1958
SINJAR	30.2	1st	1962	8.3	29th	1962
KIRKUK	32.8	1st	1944	-2.0	30th	1953
KHANAQIN	35.0	7th	1940	-1.1	25th	1961
RUTBAH	35.0	2nd	1932	-6.0	30th	1953

TABLE 4-b .

درجات الحرارة العظمى و الصغرى اليومية (سنتغراد)

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

التاريخ	حي		ديوانية		ناصرية		بصرة		حبانية	
	HAI		DIWANIYA		NASIRIYA		BASRAH		HABBANIYA	
	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DATE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	34.6	15.9	35.9	13.5	36.6	15.7	34.5	14.0	35.0	14.4
2	33.8	17.6	34.2	16.5	35.2	16.6	34.2	16.5	32.6	15.0
3	32.2	15.0	34.0	12.0	33.0	15.0	33.0	15.6	33.1	15.8
4	33.2	17.9	34.1	20.0	33.4	16.4	32.0	16.8	33.0	19.8
5	31.4	14.8	31.5	15.2	32.5	16.5	32.2	17.0	32.8	16.2
6	27.8	19.0	30.0	20.4	29.7	23.0	27.3	21.5	21.1	18.6
7	25.2	18.3	25.8	19.0	25.5	19.5	28.0	21.5	24.8	15.1
8	24.6	18.4	23.3	16.7	22.8	17.4	23.6	20.0	24.1	14.4
9	26.4	14.5	27.5	14.0	24.9	16.3	24.5	18.4	26.0	14.4
10	25.2	13.8	27.4	14.0	26.0	13.8	26.1	17.7	23.4	15.6
11	23.4	11.8	24.1	10.0	26.0	11.2	25.3	15.2	23.4	10.0
12	24.6	10.3	26.0	9.2	25.6	10.3	24.5	9.6	26.1	10.5
13	26.2	12.6	27.5	10.1	27.9	11.6	27.1	13.3	26.9	12.1
14	27.2	10.8	28.6	10.1	28.4	12.6	27.7	12.4	29.2	11.6
15	28.3	12.4	28.5	11.5	28.3	11.8	28.3	11.2	27.2	12.E
16	27.3	12.2	28.9	11.0	28.4	11.8	27.8	11.2	27.0	11.2
17	27.5	10.8	28.0	10.5	28.1	10.2	28.7	11.5	26.4	10.0
18	28.4	11.0	28.5	7.5	27.8	10.2	28.1	10.6	27.3	8.4
19	27.0	10.2	28.0	9.1	28.4	9.5	27.3	10.6	26.7	9.5
20	28.7	8.4	28.0	6.5	28.0	7.8	29.0	9.7	27.2	10.7
21	28.9	9.6	28.3	8.6	26.6	10.5	28.2	13.3	27.0	8.3
22	27.6	12.0	27.2	8.0	26.8	10.7	27.0	14.2	25.6	8.4
23	26.2	10.0	26.5	7.6	28.0	8.5	26.6	8.9	25.6	10.1
24	27.4	8.4	27.5	5.2	27.0	7.0	26.0	7.8	25.6	5.9
25	26.2	11.2	25.6	6.2	26.0	7.5	26.7	5.8	24.7	5.5
26	25.0	6.2	26.0	4.0	25.2	5.2	24.8	6.2	23.1	4.0
27	25.0	7.3	24.0	3.5	24.8	4.0	24.0	5.6	22.2	3.4
28	22.6	4.8	22.9	1.6	24.0	3.6	23.4	3.8	22.8	4.4
29	24.2	3.6	23.8	2.5	23.8	3.6	23.1	4.2	22.2	3.4
30	23.0	3.9	23.8	3.3	23.6	3.8	24.3	4.8	21.4	2.6
MEANS	27.3	11.8	27.8	10.2	27.7	11.4	27.4	12.3	26.5	10.7
NORMAL	26.5	12.0	25.8	11.7	26.6	11.7	26.9	13.2	24.6	10.1

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
HAI	37.2	3rd	1949	-0.6	24th	1958
DIWANIYA	36.1	4th	1949	-2.8	16th	1948
NASIRIYA	36.7	1&2nd	1942	-1.6	24th	1958
BASRAH	36.6	10th	1939	1.4	27th	1958
HABBANIYA	35.0	1st	1962	-3.3	30th	1953

TABLE - 5 . المعدل الشهري لدرجات الحرارة للبصلة الجافة (سنتغراد)

MONTHLY MEAN DRY-BULB TEMPERATURES (C°)

	TIME - G.M.T.								
STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	12.7	10.6	16.0	24.0	25.4	20.1	16.1	14.0	17.4
MOSUL	8.7	7.5	14.9	20.3	23.9	17.5	12.8	10.0	14.1
SINJAR	....	15.0	17.5	20.4	21.7	19.7	17.4	....	18.7
KIRKUK	14.9	14.2	19.1	24.5	25.2	19.8	16.6	15.5	18.7
KHANAQIN	....	12.5	16.9	24.4	25.5	17.9	19.4	....	19.4
RUTBAH	10.5	8.8	13.5	23.0	25.7	20.4	14.7	11.8	15.9
HAI	14.2	12.8	17.8	25.9	25.8	20.7	18.3	15.6	19.0
DIWANIYA	13.4	11.3	17.7	25.9	27.4	21.4	17.2	14.7	18.6
NASIRIYA	13.7	12.4	18.0	25.7	27.0	21.9	18.2	15.7	19.1
BASRAH	14.7	13.1	18.5	25.3	26.8	21.3	18.3	16.1	19.3
HABBANIYA	12.7	11.5	15.6	23.7	25.7	19.6	15.7	13.7	17.3

TABLE - 6 . المعدل الشهري لدرجات الحرارة للبصلة الرطبة (سنتغراد)

MONTHLY MEAN WET-BULB TEMPERATURES (C°)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	9.7	8.5	10.7	15.6	16.1	14.1	11.9	10.6	12.2
MOSUL	7.4	6.6	9.4	14.0	15.3	13.0	10.2	8.4	10.5
SINJAR	....	10.3	11.7	13.2	13.7	12.6	11.3	....	12.1
KIRKUK	10.0	9.6	12.4	14.9	15.8	12.6	11.1	10.5	12.0
KHANAQIN	....	9.3	11.7	15.7	15.8	12.4	12.9	....	13.0
RUTBAH	6.1	5.0	7.8	13.2	13.8	11.8	8.8	6.8	9.2
HAI	10.7	9.7	13.1	16.8	16.6	14.9	13.1	11.6	13.3
DIWANIYA	9.6	8.4	12.5	16.5	17.0	14.5	12.3	10.7	12.7
NASIRIYA	9.7	8.9	12.2	16.0	16.3	14.9	12.8	11.2	12.8
BASRAH	12.2	10.9	14.7	18.3	18.8	17.1	15.9	13.9	15.2
HABBANIYA	9.8	8.9	11.5	15.4	15.4	14.1	11.8	10.6	12.2

TABLE - 7 . المعدل الشهري للضغط الجوي على سطح البحر (ملليبارات)

MONTHLY MEAN PRESSURE (Mb.) AT M.S.L.

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	18.4	18.6	19.9	19.1	17.7	18.0	18.7	18.7	1018.6
MOSUL	21.1	21.5	22.1	20.5	18.6	18.8	20.5	21.1	1020.5
SINJAR	....	20.0	20.5	19.4	18.1	18.6	19.4	....	1019.3
KIRKUK	19.6	20.0	20.3	18.8	17.6	18.6	19.7	19.9	1019.3
KHANAQIN	....	20.0	19.2	17.8	16.5	19.0	18.1	....	1018.4
RUTBAH	18.8	19.6	20.6	19.4	18.0	18.7	19.7	19.1	1019.2
HAI	16.9	17.7	18.9	18.1	17.1	17.0	17.7	17.7	1017.6
DIWANIYA	17.6	18.2	19.3	18.2	16.8	17.2	18.0	18.1	1017.9
NASIRIYA	17.6	18.2	19.5	18.3	17.0	17.3	18.0	17.9	1018.0
BASRAH	17.6	18.1	19.3	18.5	17.3	17.5	18.1	18.1	1018.1
HABBANIYA	18.5	18.8	20.0	18.9	17.4	17.9	18.6	18.2	1018.5

TABLE - 8 . المعدل الشهري للرطوبة النسبية (٪)

MONTHLY MEAN RELATIVE HUMIDITY (%)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	67	70	57	38	32	48	57	63	54
MOSUL	83	87	70	48	37	59	72	80	67
SINJAR	..	53	44	38	37	41	45	..	43
KIRKUK	53	54	44	33	30	41	49	52	45
KHANAQIN	..	64	51	38	34	52	45	..	47
RUTBAH	47	49	39	27	22	29	39	42	37
HAI	65	69	59	40	39	54	57	64	56
DIWANIYA	62	67	50	35	31	45	54	58	50
NASIRIYA	56	59	47	33	29	43	51	54	47
BASRAH	74	75	65	48	45	65	77	78	66
HABBANIYA	69	71	60	42	34	52	64	66	57

TABLE - 9 . المعدل الشهري لضغط البخار (ملليبارات)

MONTHLY MEAN VAPOUR-PRESSURE (MILLIBARS)

STATIONS	TIME - G.M.T. 0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	9.9	9.7	10.7	11.5	10.6	11.6	10.9	10.4	10.7
MOSUL	9.5	9.2	9.9	11.0	10.5	11.4	10.5	9.9	10.2
SINJAR	...	9.0	8.9	9.1	8.9	8.8	8.7	...	8.9
KIRKUK	8.6	8.6	9.3	9.4	8.7	8.9	9.0	8.9	8.9
KHANAQIN	...	9.3	10.0	11.0	10.3	10.3	10.1	...	10.2
RUTBAH	6.3	5.9	6.3	7.5	6.8	7.1	6.8	6.3	6.6
HAI	10.7	10.4	12.2	13.2	12.7	13.0	11.9	11.3	11.9
DIWANIYA	9.7	9.3	10.6	11.6	11.3	11.4	10.7	10.1	10.6
NASIRIYA	9.2	8.9	10.0	10.6	10.1	11.5	10.9	10.1	10.2
BASRAH	12.8	11.9	14.1	15.6	15.7	16.4	16.5	14.6	14.7
HABBANIYA	10.3	9.8	10.7	11.3	10.7	12.1	11.2	10.8	10.9

TABLE - 10. المعدل الشهري لدرجة الندى (سنتغراد)

MONTHLY MEAN DEW-POINT (C°)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	6.4	5.7	7.5	8.4	7.0	8.7	7.5	6.9	7.3
MOSUL	5.9	5.4	6.5	8.0	7.4	8.8	7.5	6.5	7.0
SINJAR	...	5.0	5.4	5.3	5.9	5.6	4.6	...	5.3
KIRKUK	3.6	3.5	4.7	4.9	3.8	4.5	4.6	4.1	4.2
KHANAQIN	...	5.2	5.9	7.6	6.9	6.5	6.3	...	6.4
RUTBAH	-1.3	-2.1	-0.8	2.2	0.7	1.0	0.4	-1.5	-0.5
HAI	7.5	6.9	9.4	10.8	10.3	10.6	9.2	8.4	9.1
DIWANIYA	5.7	4.9	7.0	8.4	8.1	8.3	7.4	6.3	7.0
NASIRIYA	4.7	4.2	6.0	7.0	6.3	8.5	7.3	6.1	6.3
BASRAH	9.9	8.6	11.3	13.0	12.0	14.0	14.1	12.1	12.0
HABBANIYA	6.7	5.9	7.2	8.1	7.5	9.3	8.4	7.0	7.5

TABLE - 11. المعدل الشهري لكمية الغيوم الواطئة (الاثمان)

MONTHLY MEAN LOW-CLOUD AMOUNT (OKTAS)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	0.3	0.5	0.6	0.4	0.6	0.1	0.2	0.1	0.4
MOSUL	1.1	1.4	1.2	1.0	1.1	1.2	0.8	1.1	1.1
SINJAR	...	0.5	0.6	0.9	0.9	0.7	0.1	...	0.6
KIRKUK	0.9	0.8	1.0	0.8	0.8	0.7	0.7	1.3	0.9
KHANAQIN	...	1.4	1.3	1.1	1.1	0.9	1.2	...	1.2
RUTBAH	0.3	0.2	0.3	0.4	1.2	1.1	0.5	0.4	0.5
HAI	0.3	0.3	0.4	0.5	0.4	0.7	0.6	0.4	0.5
DIWANIYA	0.3	0.3	0.2	0.5	0.7	0.8	0.4	0.6	0.5
NASIRIYA	0.5	0.5	0.4	0.6	1.0	0.6	0.3	0.3	0.5
BASRAH	0.5	1.0	0.9	0.6	0.6	0.7	0.6	0.6	0.7
HABBANIYA	0.6	0.6	0.6	0.6	0.7	0.3	0.2	0.5	0.5

TABLE - 12 . المعدل الشهري لمجموع كمية الغيوم

MONTHLY MEAN TOTAL-CLOUD AMOUNT (OKTAS)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	1.6	2.3	2.9	2.8	2.7	2.2	1.4	1.4	2.2
MOSUL	1.5	2.4	3.0	3.0	3.3	3.2	1.9	2.0	2.5
SINJAR	...	2.1	3.0	3.0	3.3	3.1	1.4	...	2.7
KIRKUK	1.3	1.6	2.3	2.1	2.0	1.7	1.0	1.8	1.7
KHANAQIN	...	2.1	2.9	2.9	3.1	2.1	2.4	...	2.6
RUTBAH	1.4	2.1	2.4	2.2	2.7	2.4	1.2	1.3	2.0
HAI	0.9	1.8	2.1	2.2	2.7	2.4	1.3	1.2	1.8
DIWANIYA	0.6	1.4	2.0	2.0	2.2	1.9	1.2	1.4	1.6
NASIRIYA	0.9	1.3	1.3	1.6	2.4	1.5	1.0	0.8	1.4
BASRAH	1.4	1.8	2.1	2.0	2.2	2.2	1.5	1.3	1.8
HABBANIYA	1.6	2.6	2.6	2.5	2.4	2.4	1.6	1.8	2.2

TABLE 13-a . عدد تكرار رصدات الرياح السطحية

SURFACE - WIND . NUMBER OF OBSERVATIONS OF

المحطة STATIONS	وقت كرينتش TIME GMT.	DIRECTION الاتجاه N	NE	E	SE	S	SW	W	NW	SPEED IN KNOTS السرعة بالعقد CALM	1-10	11-21	22-33	>34	معدل السرعة بالعقد MEAN V.K.
بغداد BAGHDAD	0000	4	0	1	2	0	0	1	8	14	15	1	0	0	3
	0300	1	1	3	0	2	0	1	9	13	16	1	0	0	3
	0600	1	1	1	1	1	1	0	15	9	19	2	0	0	4
	0900	2	0	1	3	1	0	6	12	5	21	4	0	0	6
	1200	8	0	0	2	3	0	3	12	2	22	6	0	0	8
	1500	1	1	1	2	0	1	2	9	13	15	2	0	0	4
	1800	3	1	0	3	1	0	1	7	14	16	0	0	0	2
	2100	3	0	0	4	0	0	3	5	15	14	1	0	0	2
	TOTAL	23	4	7	17	8	2	17	77	85	138	17	0	0	4
موصل MOSUL	0000	10	0	1	0	1	0	4	6	8	20	2	0	0	5
	0300	7	3	2	0	1	1	2	10	4	22	4	0	0	6
	0600	5	1	2	1	2	0	3	11	5	23	0	2	0	9
	0900	9	0	3	0	2	0	3	8	5	23	2	0	0	5
	1200	7	2	1	2	3	0	2	5	8	19	2	1	0	5
	1500	3	0	2	1	3	0	5	3	13	15	2	0	0	4
	1800	9	3	1	2	1	0	2	4	8	20	2	0	0	5
	2100	9	1	0	0	2	1	2	2	13	15	2	0	0	4
	TOTAL	59	10	12	6	15	2	23	49	64	157	16	3	0	5
سنجار SINJAR	0300	20	1	1	0	0	0	4	3	1	26	3	0	0	9
	0600	10	2	6	0	0	0	6	2	4	23	3	0	0	7
	0900	4	1	7	0	4	0	6	2	6	19	5	0	0	6
	1200	8	0	9	4	4	0	3	1	1	18	9	1	1	9
	1500	9	1	1	0	0	0	10	2	7	19	3	1	0	7
	1800	19	2	0	0	2	0	5	2	0	27	2	1	0	8
	TOTAL	70	7	24	4	10	0	34	12	19	129	28	3	1	8
كركوك KIRKUK	0000	0	12	1	1	2	0	0	0	14	14	2	0	0	3
	0300	0	13	0	2	0	0	0	0	15	14	1	0	0	3
	0600	1	9	0	3	0	0	0	0	17	12	1	0	0	3
	0900	1	1	3	2	2	4	4	0	13	15	1	1	0	4
	1200	2	2	1	0	1	2	4	4	14	15	0	1	0	4
	1500	0	2	1	1	1	0	3	0	22	7	0	1	0	2
	1800	0	9	2	1	0	0	0	0	18	11	0	1	0	3
	2100	1	10	2	2	0	0	0	0	15	14	1	0	0	3
	TOTAL	5	58	10	12	6	6	11	4	128	102	6	4	0	3
خانقين KHANAQIN	0300	0	0	19	0	5	0	0	0	6	23	1	0	0	4
	0600	0	0	15	0	6	0	0	0	9	20	1	0	0	3
	0900	0	1	0	0	3	0	16	2	8	20	1	1	0	4
	1200	1	0	2	0	4	1	13	4	5	23	1	1	0	4
	1500	0	0	4	0	3	0	3	0	20	9	0	1	0	2
	1800	0	0	7	0	2	0	6	1	14	15	0	1	0	3
	TOTAL	1	1	47	0	23	1	38	7	62	110	4	4	0	4
رطبة RUTBAH	0000	0	0	1	1	10	6	1	4	7	22	1	0	0	5
	0300	0	0	0	0	10	14	1	2	3	26	1	0	0	6
	0600	0	0	0	0	9	10	6	1	4	25	1	0	0	4
	0900	2	0	2	1	3	2	5	5	10	19	1	0	0	4
	1200	8	1	2	0	3	1	6	8	1	25	4	0	0	6
	1500	14	1	1	0	1	0	0	4	9	19	2	0	0	4
	1800	9	3	0	0	1	0	1	3	13	16	1	0	0	3
	2100	3	0	3	1	10	2	3	1	7	22	1	0	0	4
	TOTAL	36	5	9	3	47	35	23	28	54	174	12	0	0	5

TABLE 13-b .

عدد تكرار رصدات الرياح السطحية :

SURFACE-WIND , NUMBER OF OBSERVATIONS OF :

المحطة STATIONS	وقت كرينتش TIME GMT.	DIRECTION الاتجاه N	NE	E	SE	S	SW	W	NW	SPEED IN KNOTS السرعة بالعقد CALM	1-10	11-21	22-33	≥34	معدل السرعة بالعقد MEAN V.K.
حي HAI	0000	3	2	1	1	0	0	7	9	7	18	5	0	0	6
	0300	1	0	2	0	0	0	6	11	10	16	4	0	0	5
	0600	2	0	2	2	1	0	2	10	11	11	8	0	0	6
	0900	4	0	0	5	0	0	4	11	6	16	5	3	0	8
	1200	1	0	2	2	0	0	2	19	4	20	3	3	0	8
	1500	0	0	0	3	0	0	0	14	13	15	1	1	0	5
	1800	1	0	1	2	0	0	2	14	10	16	4	0	0	5
	2100	1	0	3	2	0	0	1	15	8	20	2	0	0	5
	TOTAL	13	2	11	17	1	0	24	103	69	132	32	7	0	6
ديوانية DIWANIYA	0000	3	1	3	1	0	1	15	3	3	25	2	0	0	4
	0300	6	1	2	1	0	0	14	3	3	25	2	0	0	4
	0600	2	2	3	0	0	1	14	6	2	23	5	0	0	6
	0900	8	1	2	2	1	0	8	7	1	23	6	0	0	7
	1200	13	0	4	0	1	0	4	6	2	25	2	1	0	6
	1500	9	0	1	2	2	0	8	5	3	26	1	0	0	4
	1800	4	3	2	2	0	0	6	10	3	26	1	0	0	5
	2100	5	3	5	1	0	0	13	3	0	28	2	0	0	5
	TOTAL	50	11	22	9	4	2	82	43	17	201	21	1	0	5
ناصرية NASIRIYA	0000	2	0	0	3	2	1	14	4	4	25	0	1	0	5
	0300	1	1	0	2	2	2	18	3	1	28	1	0	0	5
	0600	0	1	0	1	1	0	16	7	4	23	3	0	0	6
	0900	3	0	1	3	1	0	13	7	2	24	3	1	0	8
	1200	3	0	2	4	0	0	8	12	1	26	2	1	0	7
	1500	3	3	4	2	0	0	8	5	5	23	1	1	0	4
	1800	3	3	2	0	0	1	10	7	4	25	1	0	0	4
	2100	4	1	1	4	1	1	6	8	4	26	0	0	0	5
	TOTAL	19	9	10	19	7	5	93	53	25	200	11	4	0	6
بصرة BASRAH	0000	0	2	1	1	0	0	6	14	6	24	0	0	0	2
	0300	0	5	0	1	1	0	14	5	4	26	0	0	0	3
	0600	3	0	3	0	1	0	10	9	4	24	2	0	0	3
	0900	6	1	3	1	0	1	2	12	4	22	4	0	0	5
	1200	8	0	2	3	0	0	2	12	3	21	6	0	0	5
	1500	2	0	3	1	1	0	3	17	3	26	1	0	0	4
	1800	3	1	2	2	1	0	2	15	4	25	1	0	0	3
	2100	2	2	2	0	1	1	3	12	7	22	1	0	0	3
	TOTAL	24	11	16	9	5	2	42	96	35	190	15	0	0	4
حبانية HABBANIYA	0000	0	0	1	1	0	0	7	5	16	13	1	0	0	3
	0300	2	1	1	0	1	0	8	1	16	13	1	0	0	2
	0600	0	1	0	2	0	0	8	13	6	22	2	0	0	4
	0900	3	0	0	1	2	0	14	6	4	18	7	1	0	7
	1200	3	1	0	1	4	0	7	10	4	23	3	0	0	6
	1500	3	0	0	1	1	0	1	7	17	13	0	0	0	2
	1800	1	0	1	2	0	0	2	2	22	6	2	0	0	2
	2100	0	0	0	1	0	0	5	1	23	6	1	0	0	1
	TOTAL	12	3	3	9	8	0	52	45	108	114	17	1	0	3

NOVEMBER 1962 .

TABLE 14-a .

الهطول اليومي (ملليمترات)

DAILY PRECIPITATION (MILLIMETERS) , tr. < 0.05 mm.

التاريخ DATE	بغداد BAGH-DAD	موصل MOSUL	سنجار SINJAR	كركوك KIRKUK	خانقين KHA-NAQIN	رطبة RUTBAH	حي HAI	الديوانية DIWA-NIYA	الناصرية NASI-RIYA	البصرة BAS-RAH	حبانية HABB-ANIYA
1											
2		0.3									
3				tr.		tr.					
4	tr.	0.6	0.2	tr.	1.0	tr.					tr.
5	tr.	18.6	0.2	6.8		0.5	tr.	tr.	tr.		tr.
6	tr.	tr.	tr.	5.2	19.0	tr.	6.8		tr.	1.5	3.1
7					2.9	tr.	1.8	0.6	0.7	tr.	tr.
8	tr.	3.6	0.5	0.8	17.6	0.5	0.2		4.6	0.6	tr.
9	2.3	16.5	5.2	12.7	0.5	tr.				0.8	tr.
10					3.8						14.2
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
TOTAL	2.3	39.6	6.1	25.5	44.8	1.0	8.8	0.6	5.3	2.9	17.3
NORMAL	19.0	45.6	44.5	36.3	32.3	15.1	14.6	11.9	21.8	29.3	17.0
MAX. RAIN FALL IN 24 HOURS	48.9	86.3	48.8	44.0	51.5	25.2	55.0	38.9	47.2	61.4	36.2
DAY	17th	27th	28th	3rd.	17th	24th	29th	11th	26th	15th	18th
YEAR	1957	1929	1953	1945	1957	1937	1957	1961	1950	1940	1960

NOVEMBER 1962 .
TABLE 14-D.

تشرين الثاني ١٩٦٢

الهطول اليومي (مليمترات)

DAILY PRECIPITATION (MILLIMETERS) , tr. <0.05 mm.

التاريخ	راوندوز	تل عوينات	عقرة	قيارة	تلعفر	بكرجو	دوكان	العظيم	زيبار
DATE	RAWA-NDUZ	TEL AWAINAT	ARA	QAYARA	TELA-AFAR	BAKRAJO	DUKAN	ALEI-THAIM	ZIBAR
1									
2									
3	8.3								
4	19.1		5.6	[illegible]		14.0	5.0		23.0
5	5.2	3.8	30.9			17.0	27.0	5.0	15.0
6	11.0		2.0	8.5		3.0	6.0	8.2	27.0
7	5.1					18.0	6.0		
8			4.9		16.0	20.0	22.0		
9		10.2	9.5	11.0	8.5		6.0		
10		7.6							16.0
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
TOTAL	48.7	21.6	52.9	19.5	24.5	72.0	72.0	13.2	81.0

TABLE 14-c .

الهطول اليومي (ملليمترات)

DAILY PRECIPITATION (MILLIMETERS) , tr. < 0.05 mm.

التاريخ	افراز	طقطق	هيت	افتخار	حويجة	بيجي	عانة	طوز	دهوك
DATE	IFRAZ	TAQTAQ	HIT	IFTI-KHAR	HAWIJA	BAIJI	ANAH	TUZ	DUHOK
1									
2									
3									
4									3.3
5		4.0		5.1	5.2	5.0	2.5		2.5
6	4.3	12.0	4.2					23.4	
7	6.9	3.5							
8		23.0							5.1
9	8.5	8.5	2.0		8.0	8.6			14.0
10	4.9								
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
TOTAL	24.6	51.0	6.2	5.1	13.2	13.6	2.5	23.4	24.9

NOVEMBER 1962 .

TABLE 14-a .

(13)

تشرين الثاني ١٩٦٢

الهطول اليومي (ملليمترات)

DAILY PRECIPITATION (MILLIMETERS) . tr. < 0.05 mm.

التاريخ	حلبجة	منصور	سامراء	جلولاء	سعدية	عزيزية	بدرة	سماوة	كربلاء
DATE	HALABJA	MANSOUR	SAMI-RAA	JALA-WLAAA	SAA-DIYA	AZI-ZIYA	BADRA	SAMAWA	KAR-BALAA
1									
2									
3									
4	1.0								
5			10.2			tr.			
6	50.0			10.2		2.3	2.7		
7	6.0			6.4	5.0	tr.			
8	7.0			12.7					
9	50.0								
10				2.0				4.0	
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
TOTAL	114.0		10.2	31.3	5.0	2.3	2.7	4.0	

NOVEMBER 1962 .

(14)

تشرين الثاني ١٩٦٢

TABLE 14-a .

الهطول اليومي (بالمليمترات)

DAILY PRECIPITATION (MILLIMETERS) . tr. < 0.05 mm.

التاريخ	كوت	قلعة دزة	اور	بدعة	علي الغربي	شبكة	سلمان	فاو
DATE	KUT	QALAT DIZZA	UR	BADAA	ALI ALGHARBI	SHABICHA	SULMAN	FAO
1								
2								
3								
4		13.0						
5		13.0						
6	0.4	8.5						
7	8.6	11.5	1.0		2.5			
8	0.5	9.8	1.8	3.0	3.0	7.0		3.2
9		10.2						0.5
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
TOTAL	9.5	66,0	2.8	3.0	5.5	7.0		3.7

ABLE - 15 .

CLIMATOLOGICAL SUMMARY : الملخصات المناخية

o. OF DAYS OF PHENOMENAS : عدد الايام التي حدثت فيها الظواهر الجوية

STATIONS	RAIN	SNOW	HAIL	THUNDER STORM	FOG	DUST	STATE OF SKY CLEAR	STATE OF SKY CLOUDY
AGHDAD	1	0	0	0	0	0	13	2
OSUL	5	0	0	1	0	0	9	3
INJAR	4	0	0	0	0	0	8	1
IRKUK	4	0	0	3	0	0	17	0
HANAQIN	6	0	0	1	0	0	12	4
UTBAH	2	0	0	1	0	0	13	0
AI	3	0	0	2	0	1	15	0
IWANIYA	1	0	0	1	0	2	20	1
ASIRIYA	2	0	0	4	0	1	21	0
ASRAH	3	0	0	3	0	1	16	1
ABBANIYA	2	0	0	1	0	0	12	0

ABLE - 16 .

DURATION OF SUNSHINE : مدة سطوع الشمس

STATIONS	MONTHLY TOTAL SUNSHINE HOURS	MAX. SUNSHINE IN ONE DAY HOURS	MAX. SUNSHINE IN ONE DAY DATE	No. OF DAYS WITHOUT SUNSHINE
AGHDAD	233.6	9.7	27th	1
OSUL	250 .2	9.9	2nd.	0
ASRAH	254.0	11.0	20th	0
ABBANIYA	260.9	10.5	15th	0

ABLE - 17 المعدل الشهري لحرارة الحشيش و التربة و اقصى سرعة ريح للريح السطحي خلال ساعة

ONTHLY MEAN OF: and, HIGHEST WIND SPEED DURING HOUR IN KNOTS.

STATIONS	MEAN GRASS MINIMUM TEMPERATURES C°	MEAN EARTH TEMPERATURES 0.3 M	MEAN EARTH TEMPERATURES 1.2 M	HIGHEST WIND SPEED	DIRE-CTION	TIME GMT.	DATE
AGHDAD	5.1	21.4	26.6	20	150	1200	5th.
OSUL	,,,	18.3	23.8	25	120	1200	5th.
INJAR	,,,	,,,	,,,,	35	260	1200	3rd.
IRKUK	7.9	19.3	23.5	30	090	1800	5th.
HANAQIN	,,,	,,,,	,,,,	31	320	0900	6th.
UTBAH	,,,	,,,,	,,,,	18	330	1200	2nd.
AI	10.1	,,,,	,,,,	30	120	0900	6th.
IWANIYA	,,,	,,,,	,,,,	23	090	1200	6th.
ASIRIYA	9.8	22.7	27.7	24	130	1200	6th.
ASRAH	7.6	,,,,	,,,,	20	140	1200	6th.
ABBANIYA	5.8	21.8	26.3	22	130	0900	5th.

TABLE 18-a.

BAGHDAD AIRPORT

Month: November 1962 .

Frequency of Horizontal Visibility

T I M E - G.M.T.

Visi-bility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -200M																									
>200 -500M																									
>500 -1000M								1				1		1											3
>1000 -1500M															1										1
>1500 -3000M						1	3	2	4	2	1		1		1	5	4	1							25
>3 -5KM					5	4	2	2	1		1			1	5	6	3	1	1					1	33
>5 -10KM	2		1	4	17	14	11	10	7	6	3	4	3	4	15	17	11	6	2	1	1	1	1	1	142
>10 -15KM	5	7	7	20	7	6	8	7	8	9	10	7	5	11	7	2	10	14	11	9	4	6	4	4	188
>15KM	23	23	22	6	1	5	6	8	10	13	15	18	21	13	1		2	8	16	20	25	23	25	24	328
Total	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	720

NOTE: In fields containing two numbers the first one gives the cases with dust in the air. the second number shows the total .

Frequency of different heights of cloud-base (amount 4-8 Oktas)

Height	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -50M																									
>50 -150M																									
>150 -300M																									
>300 -500M																									
>500 -900M										1														1	2
>900M	1		1	1			1	1	1				1	1					1				1	1	11

TABLE 18-b .

BASRAH AIRPORT

Month: November 1962 .

Frequency of Horizontal Visibility

TIME - G.M.T.

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -200M																									
>200 -500M																									
>500 -1000M												1	1	2	2										6
>1000 -1500M							1	1			1		1					1	1						6
>1500 -3000M					1	1			1	1			1		1	2	2	1	1	2	2	1	1		18
>3 -5KM	1	1	1		1					1		1		1					1	1		1	1	1	12
>5 -10KM	3		1	3	2			1	1	1/2	2/3	2/3	1/2	1/2	1/2	1	1	1	1	1	1/2	1	1/2	2	37
>10 -15KM	4	5	2	3	8	7	6	5	4	2	4	3	1	1	2	2	3	3	1	2	2	1	2	5	78
>15KM	22	24	26	24	18	22	23	23	24	24	22	22	24	24	23	25	24	24	25	24	24	26	24	22	563
Total	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	720

NOTE: In fields containing two numbers the first one gives the cases with dust in the air . the second number shows the total.

Frequency of different heights of cloud-base (amount 4-8 Oktas)

Height	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -50M																									
>50 -150M																									
>150 -300M																									
>300 -500M																									
>500 -900M	1	2	3	2	2	2	2	1	1	1				1	1	1			1			1	1	1	24
>900	3	2	1	4	6	7	6	7	6	8	9	9	9	8	8	8	4	3	3	4	5	4	4	3	131

TABLE 19-a .

(16)

Month: November 1962 .

BAGHDAD AIRPORT

Simultaneous occurrences of specified visibility ranges and specified lowest cloud base (≥ 4 Oktas)

HEIGHT METERS	VISIBILITY 0-200M	>200-500M	>0.5-1KM	>1-1.5KM	>1.5-3KM	>3-5KM	>5-10KM	>10-15KM	>15KM	TOTAL
0-50										
>50-150										
>150-300										
>300-500										
>500-900										
<4/8 OR *					3		2 2 4 11	5 20 8	23 6 6	30 30 30
>900				2 1	5		6 6 3 17	9 5 2	13 21	30 30 30
AND ≥ 4/8					11 1		9 2 1 46	11 6 66	16 23 108	30 30 240
					3		2 2 4 11	5 20 8	23 6 6	30 30 30
TOTAL				2 1	5		6 6 3 17	9 5 2	13 21	30 30 30
					11 1		9 2 1 46	11 6 66	16 23 108	30 30 240

NOTE:

The nine fields for each combination of visibility and height contain the number of occurrences for different times using the following model :

00	03	06
09	12	15 GMT.
18	21	To

To= Total for all hours.

*ALL CASES WITH CLOUD AMOUNT OF LESS THAN 4/8 ARE ENTERED HERE

TABLE 19-b .

Month: November 1962 .

BASRAH AIRPORT

Simultaneous occurrences of specified visibility ranges and specified lowest cloud base (≥4 Oktas)

HEIGHT METERS	VISIBILITY 0-200M	>200-500M	>0.5-1KM	>1-1.5KM	>1.5-3KM	>3-5KM	>5-10KM	>10-15KM	>15KM	TOTAL
0-50										
>50-150										
>150-300										
>300-500										
>500-900										
4/8 OR *										
>900 AND ≥4/8										
TOTAL										

HEIGHT METERS	0-200M	>200-500M	>0.5-1KM	>1-1.5KM	>1.5-3KM	>3-5KM	>5-10KM	>10-15KM	>15KM	TOTAL
0-50										
>50-150										
>150-300										
>300-500										
>500-900								1 2 1 2 2		
4/8 OR *								1 1	1 1 1	
>900 AND ≥4/8								1 1 1 7 1 1 8		
TOTAL								1 1 1 7 1 1 8		

HEIGHT METERS	0-200M	>200-500M	>0.5-1KM	>1-1.5KM	>1.5-3KM	>3-5KM	>5-10KM	>10-15KM	>15KM	TOTAL
0-50										
>50-150										
>150-300										
>300-500										
>500-900										
4/8 OR *				1		1	3 3 1 4 3	4 22 22 22 30 28 28		
>900 AND ≥4/8			1		1 1 2 1		2 2 1 2 1	2 23 24 24 29 30 29		
TOTAL				1		1	3 3 1 4 3	5 22 24 23 30 30 30		
TOTAL			1		1 1 2 1		2 2 1 2 1	2 24 24 25 30 30 30		

HEIGHT METERS	0-200M	>200-500M	>0.5-1KM	>1-1.5KM	>1.5-3KM	>3-5KM	>5-10KM	>10-15KM	>15KM	TOTAL
0-50										
>50-150										
>150-300										
>300-500										
>500-900										
4/8 OR *		1		2 2 1 7 1 1 4			1 1 14 1	17 24 26 187 29 29 232		
>900 AND ≥4/8										
TOTAL		1		2 2 1 7 1 1 4			1 1 14 1	18 25 27 194 30 30 240		

NOTE:

The nine fields for each combination of visibility and height contain the number of occurrences for different times using the following model

00	03	06
09	12	15
18	21	To

GMT.

To=Total for all hours

*ALL CASES WITH CLOUD AMOUNT OF LESS THAN 4/8 ARE ENTERED HERE

الجمهورية العراقية

وزارة المواصلات

مديرية الطيران المدني العامة

مفتشية الانواء الجوية العامة

شعبة المناخ

بغداد

IRAQ REPUBLIC

MINISTRY OF COMMUNICATIONS

DIRECTORATE GENERAL OF CIVIL AVIATION

METEOROLOGICAL DEPARTMENT

CLIMATOLOGICAL SECTION

BAGHDAD

معلومات جوية مناخية شهرية لشهر كانون الاول ١٩٦٢

MONTHLY CLIMATOLOGICAL DATA FOR DECEMBER 1962

مجلد ٢٥ ، عدد (١٢) ، كانون الاول ١٩٦٢

VOLUME 25, No. (12) , DECEMBER 1962 .

C O N T E N T S

	TABLE	PAGE
General situation of the month	-	a
Daily mean temperatures	1	1
" " pressure at M.S.L.	2	2
" " relative humidity	3	3
Daily maximum and minimum temperatures	4ab	4-5
Monthly mean dry-bulb temperatures	5	6
" " wet-bulb "	6	6
" " pressure at M.S.L.	7	6
" " relative humidity	8	6
" " vapour pressure	9	7
" " dew-point	10	7
" " low-cloud amount	11	7
" " total-cloud amount	12	7
Surface-Wind, number of observations of	13ab	8-9
Daily precipitation	14a-f	10-15
Climatological summary	15	16
Duration of sunshine	16	16
Monthly mean temperatures of grass & earth with highest wind-speed during one hour	17	16
Frequency of horizontal visibility at Baghdad & Basrah	18ab	17-18
Combined statistics of visibility and cloud-base at Baghdad & Basrah	19ab	19-20

المحتويـــــات

لمحة عامة عن التقرير المناخي الشهري
المعدل اليومي لدرجات الحرارة
" " للضغط الجوي على سطح البحر
" " للرطوبة النسبيـــــة
درجات الحرارة العظمى و الصغرى اليوميـــــة
المعدل الشهري لدرجات الحرارة للبصلة الجافـــة
" " " " الرطبـــة
" " للضغط الجوي على سطح البحـــر
" " للرطوبة النسبيـــة
" " لضغط البخـــار
" " لدرجة النـــدى
" " لكمية الغيوم الواطئـــة
" " لمجموع كمية الغيوم
عدد تكرار رصدات الرياح السطحيـــة
الهطول اليومـــي
الملخصات المناخيـــة
مدة سطوع الشمـــس
المعدل الشهري لحرارة الحشيش و التربة و اقصى سرعة ريح خلال ساعة
ذبذبات كل من مدى الرؤيا و ارتفاع الغيوم في بغداد و البصرة
احصائيات مزدوجة لمدى الرؤيا و لقاعدة الغيوم في بغداد و البصرة

كانون الاول ١٩٦٢

كان جو العراق في معظم ايام الشهر مستقرا عموما باستثناء فترات متقطعة و قصيرة كان الجو خلالها غير مستقر حيث هطلت امطار خفيفة في ايام متفرقة من الشهر كانت في بعض الاحيان مصحوبة بتصاعد غبار خفيف و عواصف رعدية .

كانت الرياح على العموم شمالية الى شمالية غربية خفيفة الى معتدلة

كانت درجات الحرارة و الرطوبة النسبية و الضغط الجوي فقد كانت قريبة من المعدل و لم تسجل ارقام قياسية جديدة بل بقيت كالسابق .

DECEMBER 1962

The weather of the month was generally settled during the most days of the month except apart from brief unsettled associated with slight rain and thunderstorms and rising dust some times. Wind was generally light to moderate N-NW or variable winds. Temperatures , Relative Humidity and Pressure were around their average and the records remained as before .

TABLE - 1 .

المعدل اليومي لدرجات الحرارة (سنتغـــــراد)

DAILY MEAN TEMPERATURES (C°) OF 8 OBSERVATIONS

التاريخ	بغداد	موصل	سنجار	كركوك	رطبة	حي	ديوانية	ناصرية	بصرة	حبانية
DATE	BAGH-DAD	MOSUL	SINJAR	KIRKUK	RUTBAH	HAI	DIWA-NIYA	NASI-RIYA	BASRAH	HABBA-NIYA
1	11.2	7.8	13.6	13.2	10.8	13.5	12.7	13.2	12.3	10.7
2	11.8	8.2	13.6	12.6	13.3	14.3	13.5	13.4	12.4	11.0
3	13.1	8.7	15.2	13.7	13.7	15.1	14.2	13.7	14.9	12.6
4	13.6	9.6	16.1	15.0	15.8	14.2	15.2	15.6	14.2	13.9
5	16.5	10.4	10.9	15.3	15.5	14.5	15.9	16.3	14.9	17.6
6	16.2	10.6	10.0	14.8	11.5	17.3	15.9	19.1	20.2	13.5
7	14.8	9.2	10.7	13.7	11.5	14.8	12.5	14.2	18.4	13.5
8	13.3	9.8	11.0	13.5	12.1	15.3	14.0	14.4	10.5	12.6
9	14.6	11.5	10.1	14.0	10.6	16.4	14.0	15.3	17.0	14.7
10	14.3	10.3	10.5	13.9	9.9	14.9	12.7	14.7	16.1	13.8
11	15.4	11.7	9.6	13.3	6.9	16.3	16.1	15.6	16.9	14.2
12	11.7	9.4	9.1	10.8	8.3	14.7	13.2	14.6	16.0	11.0
13	10.5	8.2	9.2	10.9	8.5	13.5	12.3	12.2	13.7	10.1
14	10.5	8.1	11.7	11.0	9.0	12.9	12.4	12.9	13.8	11.3
15	10.7	7.3	11.0	10.8	7.5	12.8	11.8	13.1	12.8	10.5
16	11.9	7.4	8.9	10.6	10.5	11.6	11.5	11.2	12.1	12.1
17	12.2	9.4	8.0	9.1	11.4	11.9	13.6	14.3	15.3	12.7
18	14.6	9.7	9.0	13.2	11.9	14.9	14.0	15.6	16.4	11.7
19	17.1	11.7	9.0	13.2	14.1	17.4	17.3	18.7	18.0	15.7
20	16.2	10.4	9.9	12.7	10.2	16.4	17.3	17.5	19.3	14.0
21	16.9	11.9	10.9	15.4	9.5	17.9	12.7	18.4	20.0	12.0
22	16.5	13.4	8.2	15.0	12.4	16.9	16.7	17.1	18.9	15.8
23	16.3	9.9	9.6	12.7	9.9	18.3	17.6	18.1	19.2	13.4
24	13.8	9.7	9.4	12.3	9.2	17.1	15.8	16.4	17.9	13.0
25	12.6	10.5	9.6	11.3	9.3	14.3	13.1	14.3	15.3	11.3
26	11.7	9.2	9.8	10.5	8.4	13.3	12.5	13.4	13.4	11.4
27	9.8	8.4	9.5	12.6	7.3	12.5	11.7	12.0	13.0	8.9
28	10.2	8.4	10.3	13.4	7.2	13.0	11.5	12.9	14.0	8.7
29	10.8	8.5	9.9	10.9	9.2	13.5	12.0	13.4	14.1	10.2
30	10.2	8.8	10.4	10.8	9.3	12.7	11.8	12.9	14.1	9.8
31	10.2	9.7	10.5	10.9	9.9	11.9	11.8	12.1	11.5	10.0
MEANS	13.2	9.6	10.5	12.6	10.5	14.6	13.8	14.7	15.6	12.3
NORMAL	10.9	7.9	10.5	10.3	8.3	12.4	11.8	12.7	13.1	10.9
YEARS OF NORMAL	1937 to 1956	1923 1956	1962	1935 1956	1928 1956	1940 1956	1939 1956	1940 1956	1937 1956	1935 1956

NOTE: T I M E - G.M.T.

$$\frac{0000+0300+0600+0900+1200+1500+1800+2100}{8} = \text{DAILY MEAN}$$

DAILY MEAN PRESSURE (MILLIBARS) AT M.S.L. المعدل اليومي للضغط الجوي على سطح البحر (ملليبارات)

DATE	BAGHDAD	MOSUL	SINJAR	KIRKUK	RUTBAH	HAI	DIWANIYA	NASIRIYA	BASRAH	HABBANIYA
1	1024.5	1026.3	1024.8	1024.9	1023.6	1023.5	1023.7	1023.5	1023.5	1024.3
2	25.2	27.0	25.6	25.9	23.9	23.8	24.4	23.9	23.5	25.3
3	24.3	26.2	24.8	24.8	23.7	21.8	24.5	22.7	22.0	24.4
4	20.3	22.0	20.3	20.5	18.6	19.0	19.6	19.3	19.2	20.2
5	16.4	17.9	17.1	17.2	13.6	17.6	16.3	17.9	18.9	15.2
6	16.5	17.3	16.6	17.2	13.4	16.1	15.5	16.5	19.0	16.1
7	17.2	19.5	19.2	18.3	15.7	16.6	16.7	16.6	17.2	17.1
8	14.8	16.4	16.5	15.6	14.2	13.9	14.3	14.0	14.5	14.8
9	13.2	13.2	12.2	13.3	12.5	12.9	13.0	13.3	13.6	12.6
10	17.3	18.2	17.2	17.7	15.7	16.5	16.8	16.6	17.0	17.0
11	18.1	19.9	19.6	19.2	18.0	17.0	16.8	16.5	16.9	17.6
12	20.1	21.3	21.0	20.8	20.2	18.6	19.4	18.9	17.9	20.1
13	19.4	20.9	20.5	19.9	18.3	18.2	18.8	18.6	18.4	19.1
14	20.5	22.3	21.3	21.0	21.2	18.2	19.6	19.1	18.6	20.7
15	20.8	21.9	21.3	20.7	22.3	18.9	20.2	19.6	18.7	21.0
16	17.1	17.2	15.4	16.8	14.4	17.5	16.9	18.0	18.6	16.1
17	18.1	18.0	16.0	19.0	13.5	18.5	17.1	17.5	19.9	15.7
18	19.8	21.9	20.9	21.3	14.4	19.9	18.8	19.2	20.0	19.1
19	12.9	15.3	13.5	14.1	08.5	15.2	12.9	14.3	17.1	11.2
20	15.3	15.7	13.9	16.6	14.4	15.2	14.7	14.5	16.3	14.8
21	19.1	21.8	21.2	20.8	18.3	18.4	18.6	17.9	22.4	19.1
22	16.3	15.9	14.8	16.4	13.[illegible]	18.5	17.0	18.3	19.0	14.5
23	20.[illegible]	22.9	24.0	22.2	19.[illegible]	19.6	19.8	19.3	19.5	20.8
24	20.6	22.6	22.8	21.6	20.8	17.8	20.2	19.4	18.8	20.9
25	19.4	20.9	21.3	20.3	19.8	17.3	18.8	18.0	17.6	19.4
26	17.8	18.8	18.7	18.3	18.9	16.4	17.8	16.8	16.9	18.1
27	19.4	12.2	21.3	19.8	20.4	18.1	19.4	18.5	18.5	19.6
28	20.3	21.9	20.7	20.4	20.4	19.6	21.0	19.7	19.7	20.1
29	21.5	22.8	22.0	22.0	21.1	20.4	21.3	20.4	20.6	21.4
30	23.3	24.5	24.1	23.2	23.1	22.1	23.4	22.5	21.9	23.6
31	22.7	23.6	23.5	22.4	22.4	21.6	22.7	22.1	22.1	22.6
MEANS	1019.1	1020.2	1019.7	1019.8	1018.0	1018.3	1018.7	1018.5	1019.0	1018.8
NORMAL	1020.1	1021.1	1019.7	1020.0	1020.8	1019.9	1019.5	1019.3	1019.3	1020.1

STATIONS	HIGHEST	DAY	YEAR	TIME	LOWEST	DAY	YEAR	TIME
	1962			1500GMT.				
BAGHDAD	1026.5	3rd.	1962	0600	1009.8	19th	1962	1500
MOSUL	1028.6	1st.	1962	0600	1010.6	9th.	1962	1500
SINJAR	1026.9	2nd.	1962	0600	1010.7	19th	1962	1500
KIRKUK	1027.0	2nd.	1962	0600	1010.0	19th	1962	1200
RUTBAH	1025.9	3rd.	1962	0600	1006.4	19th	1962	1200
HAI	1025.3	2nd.	1962	0600	1011.6	9th.	1962	1200
DIWANIYA	1025.6	2&3	1962	0600	1010.3	19th	1962	2100
NASIRIYA	1025.2	2nd	1962	0600	1011.4	19th	1962	1200
BASRAH	1025.1	2nd.	1962	0600	1012.5	9th.	1962	1200
HABBANIYA	1026.6	3rd.	1962	0600	1007.9	19th	1962	1200
	RECORD							
BAGHDAD	1032.2	13th	1956	0600	1006.2	30th	1945	1200
MOSUL	1033.7	26th	1947	0600	1004.8	24th	1947	0300
SINJAR	1026.9	2nd	1962	0600	1010.7	19th	1962	1500
KIRKUK	1031.5	13th	1956	0600	1006.9	21st	1961	1200
RUTBAH	1035.9	26th	1947	0600	1005.5	16th	1951	0000
HAI	1030.2	22nd	1953	0600	1005.0	22nd	1952	0900
DIWANIYA	1031.1	12th	1956	0600	1006.3	21st	1940	0200
NASIRIYA	1030.5	12&13	1956	0600	1005.7	21st	1961	1200
BASRAH	1030.9	27th	1939	0600	1007.5	30th	1954	1200

DECEMBER 1962 .

TABLE - 3 .

المعدل اليومي للرطوبة النسبية (٪)

DAILY MEAN RELATIVE HUMIDITY (٪) OF 8 OBSERVATIONS

التاريخ DATE	بغداد BAGHDAD	موصل MOSUL	سنجار SINJAR	كركوك KIRKUK	رطبة RUTBAH	حي HAI	ديوانية DIWANIYA	ناصرية NASIRIYA	بصرة BASRAH	حبانية HABBANIYA
1	53	70	39	34	25	51	45	43	70	66
2	51	66	40	37	36	46	48	37	68	65
3	47	64	35	38	41	41	41	36	61	53
4	56	64	36	40	38	46	45	36	61	54
5	49	76	64	41	40	48	43	40	69	41
6	56	84	77	49	51	46	48	31	68	59
7	62	83	74	57	66	62	61	53	72	59
8	63	83	62	56	65	66	56	54	70	66
9	61	82	78	61	56	67	58	54	68	55
10	62	90	79	63	63	63	54	55	72	60
11	68	82	79	59	67	62	57	56	80	64
12	84	88	77	78	53	70	74	63	81	79
13	78	82	73	72	53	69	67	62	87	75
14	68	78	54	65	62	61	63	54	74	65
15	65	78	57	55	58	58	59	51	69	63
16	58	93	66	60	46	63	56	53	70	57
17	75	95	89	93	71	72	69	60	74	81
18	59	87	84	72	58	59	62	62	76	75
19	66	85	85	72	40	59	66	60	81	73
20	90	88	89	94	54	84	83	76	86	89
21	87	91	79	86	58	81	89	79	87	96
22	95	93	92	91	66	93	89	91	94	91
23	91	85	75	79	56	89	89	86	82	95
24	84	88	76	67	59	85	89	89	84	84
25	86	87	72	71	56	77	83	76	65	92
26	84	84	63	82	60	75	80	74	85	83
27	81	82	54	72	62	80	74	74	78	75
28	79	82	52	64	53	74	67	69	80	81
29	83	87	61	84	56	81	73	87	87	83
30	77	89	59	83	56	75	75	79	86	74
31	78	85	59	82	51	77	69	72	87	73
MEANS	71	83	67	66	54	67	66	62	77	72
NORMAL	56	69	67	52	56	55	57	52	69	58

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STATIONS	HIGHEST	TIME GMT.	DAY	LOWEST	TIME GMT.	DAY
BAGHDAD	100	0300	12th	24	1200	3rd.
MOSUL	100	0300	21&24th	32	1200	3rd.
SINJAR	98	1500	22nd	25	1200	4th.
KIRKUK	100	0000	21st	16	1200	1st.
RUTBAH	99	0300	22nd.	9	0900	1st.
HAI	96	0300	23rd	24	1200	3rd.
DIWANIYA	97	0300	24th	23	1200	3&5th.
NASIRIYA	98	0300	24th	16	1200	6th.
BASRAH	100	00& 0300	22nd	35	1200	2nd.
	100	0300	21st	23	1200	5th.

TABLE 4-a.

درجات الحرارة العظمى و الصغرى اليومية (سنتغراد)

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

	بغداد		موصل		سنجار		كركوك		خانقين		رطبة	
	BAGHDAD		MOSUL		SINJAR		KIRKUK		KHANAQIN		RUTBAH	
التاريخ	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DATE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	21.3	2.2	21.4	-0.6	18.0	9.2	22.5	6.0	21.1	3.9	21.0	2.2
2	21.8	2.8	20.4	-1.2	18.5	7.2	19.9	5.7	20.6	3.3	23.5	4.4
3	23.3	3.7	20.6	0.4	20.3	8.3	20.8	7.0	22.8	3.9	23.2	6.2
4	25.0	4.5	22.8	1.2	20.6	11.2	22.4	7.9	23.9	4.4	24.0	5.2
5	24.5	7.1	15.4	4.2	13.3	11.2	23.1	10.0	23.0	8.9	22.0	9.4
6	20.6	13.1	14.8	7.4	12.0	7.8	19.8	11.8	24.4	13.9	19.0	4.4
7	22.2	9.2	18.0	2.6	14.0	7.2	22.4	10.0	21.1	13.9	18.0	3.8
8	22.2	5.6	16.6	2.5	14.2	7.0	21.0	8.1	21.1	9.4	17.0	7.0
9	22.9	9.5	17.2	7.2	11.5	8.2	19.4	9.6	20.0	10.0	16.8	3.8
10	21.3	6.6	16.9	6.2	13.0	7.8	20.9	10.6	20.6	11.1	16.7	3.0
11	23.2	11.4	14.2	8.1	11.4	7.5	21.2	7.8	22.2	7.2	12.0	2.7
12	18.6	6.9	15.4	4.5	11.8	4.4	18.0	6.4	16.7	8.3	17.0	1.0
13	18.7	3.2	18.0	0.8	13.1	5.2	16.7	5.1	17.2	3.9	19.0	-1.2
14	19.3	3.6	16.8	1.2	15.6	6.3	17.5	5.9	17.2	3.8	16.8	4.2
15	19.3	3.8	18.8	1.4	15.5	6.0	18.2	4.3	18.3	3.0	16.7	0.2
16	19.2	2.9	14.7	-1.3	10.6	5.2	18.0	2.0	16.7	4.0	18.3	0.8
17	16.7	8.5	10.2	7.0	9.6	4.3	10.2	7.5	15.0	7.2	17.6	5.5
18	18.2	9.3	14.8	7.4	10.8	6.0	16.8	7.8	18.9	8.9	17.8	6.2
19	20.5	11.8	13.0	8.8	10.0	6.2	15.0	11.6	22.2	8.3	19.3	10.5
20	17.8	14.9	16.8	11.1	10.8	6.7	14.0	10.7	20.0	11.1	16.7	6.5
21	20.7	9.6	18.2	7.8	14.1	6.0	21.2	10.7	22.2	15.0	16.7	0.8
22	18.6	15.5	15.4	9.2	8.6	7.4	16.6	12.5	20.6	12.2	17.5	3.2
23	19.0	13.2	17.6	6.7	13.1	6.3	18.6	9.4	20.0	12.8	18.3	3.3
24	19.4	8.9	15.8	4.1	14.1	5.4	18.3	7.8	20.0	10.0	18.8	3.0
25	18.5	7.2	16.5	6.1	14.6	3.9	17.1	7.0	17.8	6.1	18.2	2.4
26	18.0	7.8	14.6	6.2	14.1	4.7	15.2	7.0	16.7	6.1	17.1	2.5
27	17.1	4.8	16.2	2.4	15.2	4.2	21.9	5.8	18.9	5.0	16.8	-0.4
28	18.4	3.1	19.2	1.2	15.7	2.6	22.1	7.6	21.1	5.0	16.8	-1.2
29	15.5	6.5	17.5	1.6	15.2	4.5	16.1	6.6	14.4	7.2	16.2	3.5
30	17.5	4.7	16.3	2.6	15.3	4.5	16.9	5.0	15.6	6.1	17.4	2.1
31	17.9	4.6	15.6	4.8	15.2	5.0	17.4	7.0	16.1	3.9	18.8	2.5
MEANS	19.9	7.3	16.8	4.2	13.9	6.4	18.7	7.8	19.5	7.7	18.2	3.5
NORMAL	17.4	5.3	14.5	3.9	13.9	6.4	15.6	5.9	17.1	6.2	14.5	2.6

STATIONS	HIGHEST MAX. C°	DAY	YEAR	LOWEST MIN. C°	DAY	YEAR
BAGHDAD	26.6	3rd	1956	-6.7	5th	1941
MOSUL	27.2	3rd	1956	-7.4	15th	1959
SINJAR	20.6	4th	1962	2.6	28th	1962
KIRKUK	27.1	2nd	1956	-6.1	23rd	1946
KHANAQIN	27.8	2nd	1956	-5.0	5th	1941
RUTBAH	26.0	4th	1956	-8.9	5th	1941

TABLE 4-b .

درجات الحرارة العظمى و الصغرى اليومية (سنتغراد)

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

	حي		ديوانية		ناصرية		بصرة		حبانية	
	HAI		DIWANIYA		NASIRIYA		BASRAH		HABBANIYA	
التاريخ	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DATE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	22.4	5.3	24.3	2.4	20.8	5.1	30.4	4.8	21.9	2.7
2	22.2	5.8	23.2	4.2	23.8	6.2	23.5	2.7	22.2	3.9
3	24.2	6.4	23.3	5.0	24.2	6.5	23.4	6.2	22.8	4.6
4	23.2	6.8	25.3	7.1	24.8	8.4	22.0	7.2	24.4	5.8
5	23.2	4.6	25.3	5.8	24.7	5.6	25.0	4.4	25.6	9.5
6	24.2	11.2	23.0	10.9	28.0	12.5	27.2	13.1	20.9	9.4
7	23.2	8.8	22.4	4.8	21.2	9.0	22.7	11.8	23.0	6.5
8	22.3	8.3	22.8	6.0	23.0	5.6	25.7	11.4	22.2	6.1
9	21.7	8.2	22.6	7.4	22.5	10.6	23.4	11.6	20.0	10.3
10	23.0	7.2	24.0	7.6	20.9	7.2	24.7	8.4	21.1	6.5
11	21.2	10.8	22.0	13.0	19.2	10.8	22.0	11.1	21.5	9.5
12	20.4	10.0	19.1	7.1	20.9	10.2	22.1	12.4	18.4	5.8
13	20.0	6.6	21.5	3.8	20.2	3.8	21.0	5.5	18.9	3.4
14	19.2	7.3	20.0	4.3	20.4	7.6	20.5	8.3	19.5	4.0
15	19.8	6.2	20.2	6.0	20.6	7.3	20.4	4.9	18.9	4.9
16	20.8	3.6	21.4	2.0	19.7	2.2	20.2	2.8	20.0	3.3
17	16.2	7.3	19.0	9.8	19.6	9.4	21.0	9.4	17.8	9.9
18	20.6	9.2	20.0	7.8	21.4	9.1	23.7	8.8	15.6	7.0
19	22.0	12.0	21.6	11.0	24.0	13.4	24.4	12.5	19.6	9.2
20	19.0	14.2	20.7	14.6	20.3	16.4	21.0	18.3	18.3	13.0
21	23.0	13.2	20.0	10.0	23.6	12.3	24.9	14.3	17.6	6.7
22	18.2	15.4	19.2	15.0	18.4	15.8	19.4	14.9	18.5	8.0
23	23.0	14.6	21.5	14.5	23.2	15.0	24.8	14.8	18.9	9.5
24	22.0	14.0	20.1	13.8	21.2	12.3	22.8	12.8	18.9	8.9
25	19.4	9.6	19.1	8.2	20.0	10.2	21.6	11.2	17.2	7.2
26	19.4	7.8	18.5	7.1	19.8	9.3	19.8	8.4	18.2	8.0
27	18.4	7.2	18.5	6.1	18.5	6.5	19.5	7.5	15.9	4.6
28	19.2	7.2	17.8	4.8	18.2	6.0	19.7	7.5	16.7	2.2
29	17.8	10.0	16.6	9.0	14.8	12.3	16.5	11.2	15.0	5.0
30	17.6	8.0	18.2	7.5	17.8	9.2	18.1	11.7	17.8	3.4
31	17.8	5.3	19.2	5.8	18.5	6.6	18.6	6.2	17.9	4.5
MEANS	20.8	8.8	21.0	7.8	21.1	9.1	22.3	9.6	19.5	6.6
NORMAL	19.1	7.0	18.4	5.0	18.7	7.2	19.6	8.6	17.1	5.4

STATIONS	HIGHEST MAX. C°	DAY	YEAR	LOWEST MIN C°	DAY	YEAR
HAI	28.9	1st	1943	-4.6	12th	1956
DIWANIYA	27.8	1&4th	1943	-5.6	30th	1948
NASIRIYA	28.2	5th	1956	-5.0	6th	1941
BASRAH	30.4	1st	1962	-2.6	13th	1956
HABBANIYA	30.6	5th	1959	-6.7	5th	1941

TABLE - 5. المعدل الشهري لدرجات الحرارة للبصلة الجافة (سنتغراد)

MONTHLY MEAN DRY-BULB TEMPERATURES (C°)

	TIME - G.M.T.								
STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	9.8	8.6	10.8	17.5	19.5	15.5	12.7	11.2	13.2
MOSUL	6.4	5.8	7.6	13.6	15.9	12.3	9.2	7.5	9.8
SINJAR	...	7.7	9.7	12.2	13.4	11.0	9.1	...	10.5
KIRKUK	9.7	9.2	11.9	16.9	17.4	13.7	11.6	10.5	12.6
KHANAQIN	...	9.6	11.7	17.6	19.1	16.1	12.7	...	14.4
RUTBAH	6.3	5.0	7.9	15.5	17.5	14.0	9.9	7.7	10.5
HAI	11.0	9.3	12.7	19.3	19.9	16.3	13.9	...	14.6
DIWANIYA	9.9	8.8	12.4	19.1	20.6	16.1	13.2	11.3	13.9
NASIRIYA	11.4	10.3	13.4	19.0	20.7	17.0	14.4	12.6	14.9
BASRAH	12.3	11.4	14.4	20.1	21.0	17.4	15.2	13.7	15.7
HABBANIYA	8.9	7.7	10.2	17.0	18.9	14.2	11.6	10.1	12.3

TABLE - 6. المعدل الشهري لدرجات الحرارة للبصلة الرطبة (سنتغراد)

MONTHLY MEAN WET-BULB TEMPERATURES (C°)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	8.3	7.4	8.9	13.0	13.7	12.1	10.4	9.2	10.4
MOSUL	5.8	5.2	6.7	10.9	12.2	10.5	8.4	6.9	8.3
SINJAR	...	5.7	7.1	8.8	9.3	8.0	6.7	...	7.6
KIRKUK	7.7	7.2	8.9	11.8	11.6	10.3	9.1	8.4	9.4
KHANAQIN	...	7.8	9.3	12.4	13.0	11.8	9.8	...	10.7
RUTBAH	3.8	3.0	5.0	9.5	10.4	8.4	6.3	4.8	6.4
HAI	8.9	8.2	10.1	13.7	13.9	13.3	10.9	...	11.3
DIWANIYA	7.9	7.0	9.9	13.7	14.3	12.0	10.2	9.1	10.5
NASIRIYA	8.9	8.1	10.3	13.4	13.9	12.4	11.1	9.8	11.0
BASRAH	11.2	10.5	12.4	15.7	16.0	14.5	13.5	12.4	13.3
HABBANIYA	7.3	6.5	8.3	12.5	13.1	11.2	9.4	8.4	9.6

TABLE - 7. المعدل الشهري للضغط الجوي على سطح البحر (ملليبارات)

MONTHLY MEAN PRESSURE (MILLIBARS) AT M.S.L.

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	19.1	19.1	20.4	19.6	18.1	18.3	19.2	19.1	1019.1
MOSUL	21.2	21.1	21.8	20.2	18.8	19.5	20.5	20.9	1020.0
SINJAR	...	19.9	20.7	20.0	18.7	19.2	20.1	...	1019.8
KIRKUK	20.3	20.3	20.9	19.3	18.0	19.0	20.0	20.2	1019.8
KHANAQIN	...	20.5	21.0	23.4	17.5	18.1	19.4	...	1019.9
RUTBAH	18.0	18.5	19.2	18.2	17.0	17.8	18.3	18.2	1018.2
HAI	18.5	18.5	19.6	18.8	17.4	17.8	18.7	...	1018.5
DIWANIYA	18.6	19.0	20.0	18.9	17.5	18.2	18.7	18.7	1018.7
NASIRIYA	18.3	18.6	19.9	18.8	17.3	17.9	18.6	18.5	1018.5
BASRAH	18.6	18.7	20.1	19.2	17.9	18.3	18.8	18.7	1018.8
HABBANIYA	18.9	19.1	20.2	19.0	17.6	18.1	18.8	18.9	1018.8

TABLE - 8 . المعدل الشهري للرطوبة النسبية (%)

MONTHLY MEAN RELATIVE - HUMIDITY (%)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	80	84	77	59	51	65	74	77	71
MOSUL	91	92	86	71	64	79	89	91	83
SINJAR	..	72	69	64	60	67	71	..	67
KIRKUK	75	75	67	53	49	65	72	75	66
KHANAQIN	..	78	72	52	49	59	68	..	63
RUTBAH	65	70	62	42	35	43	56	61	54
HAI	76	79	73	55	53	63	69	..	67
DIWANIYA	75	77	72	53	44	60	67	73	65
NASIRIYA	69	72	66	52	45	56	65	69	62
BASRAH	86	88	78	61	57	73	82	85	76
HABBANIYA	79	84	77	59	50	69	75	80	72

TABLE - 9 .

المعدل الشهري لضغط البخار (ملليبارات)

MONTHLY MEAN VAPOUR-PRESSURE (MILLIBARS)

	TIME - G.M.T.								
STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	10.0	9.3	9.9	11.4	11.2	11.5	11.0	10.4	10.6
MOSUL	8.9	8.6	9.2	10.9	11.2	11.3	10.4	9.6	10.0
SINJAR	...	7.7	8.2	8.7	8.7	8.5	8.1	...	8.3
KIRKUK	8.9	8.7	9.1	9.8	9.1	9.9	9.6	9.5	9.3
KHANAQIN	...	9.4	9.9	10.4	10.1	10.6	9.9	...	10.0
RUTBAH	6.2	6.1	6.6	7.1	6.8	6.4	6.7	6.4	6.5
HAI	10.2	9.9	10.8	12.1	11.9	11.7	11.1	...	11.1
DIWANIYA	9.5	9.1	10.5	11.5	11.3	10.9	10.3	10.0	10.4
NASIRIYA	9.8	9.3	10.2	11.1	10.5	10.6	10.7	10.2	10.3
BASRAH	12.1	12.2	13.0	14.4	14.2	14.4	14.3	13.6	13.5
HABBANIYA	9.1	9.0	9.5	11.0	10.9	11.1	10.3	9.9	10.1

TABLE - 10 .

المعدل الشهري لدرجة الندى (سنتغراد)

MONTHLY MEAN DEW-POINT (C°)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	6.3	5.8	6.7	8.5	8.2	8.6	7.8	7.0	7.4
MOSUL	5.0	4.4	5.4	8.1	8.5	8.6	7.4	6.1	6.7
SINJAR	...	3.0	3.8	4.8	4.7	4.4	3.5	...	4.0
KIRKUK	4.9	4.4	5.2	6.0	4.8	6.3	6.0	5.9	5.4
KHANAQIN	...	5.3	5.9	6.6	6.8	7.2	6.2	...	6.3
RUTBAH	-0.2	-0.4	0.5	1.7	1.4	1.7	0.9	0.3	0.7
HAI	6.8	6.4	7.6	9.3	9.1	8.9	8.1	...	8.0
DIWANIYA	5.4	4.9	6.9	8.4	8.2	7.7	6.8	6.2	6.8
NASIRIYA	5.6	5.2	6.5	7.7	7.0	7.5	7.3	6.6	6.7
BASRAH	10.1	9.5	10.5	12.6	11.9	12.1	11.9	11.2	11.2
HABBANIYA	5.2	4.9	5.9	7.9	7.4	8.1	7.0	6.5	6.6

TABLE - 11 .

المعدل الشهري لكمية الغيوم الواطئة (الاثمان)

MONTHLY MEAN LOW-CLOUD AMOUNT (OKTAS)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	0.5	0.4	1.1	1.3	1.4	0.8	0.5	0.4	0.8
MOSUL	2.7	2.8	3.5	3.7	3.2	2.9	2.5	2.6	3.0
SINJAR	...	1.4	1.8	2.1	2.6	2.2	1.8	...	2.0
KIRKUK	1.9	1.4	2.0	1.9	2.2	2.1	2.0	2.1	2.0
KHANAQIN	...	2.1	2.4	3.0	2.5	3.0	2.2	...	2.5
RUTBAH	0.6	0.8	0.8	1.1	2.1	1.6	0.6	0.2	1.0
HAI	0.9	1.0	1.3	1.3	1.2	1.3	0.6	...	1.1
DIWANIYA	0.5	0.9	1.0	1.3	1.5	1.4	1.1	0.8	1.1
NASIRIYA	1.7	1.1	1.5	1.7	1.1	0.8	0.7	1.7	1.3
BASRAH	0.5	0.7	1.3	1.2	1.2	1.0	0.6	0.7	0.9
HABBANIYA	0.6	0.9	1.5	1.5	1.6	1.2	0.8	0.4	1.1

TABLE 12.

المعدل الشهري لمجموع كمية الغيوم (الاثمان)

MONTHLY MEAN TOTAL-CLOUD AMOUNT (OKTAS)

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	2.7	2.6	3.4	3.5	3.6	3.8	3.2	3.0	3.2
MOSUL	3.4	3.6	5.1	5.3	5.5	4.8	3.7	3.3	4.3
SINJAR	...	2.5	3.5	4.3	4.9	4.2	3.5	...	3.8
KIRKUK	2.6	2.2	3.5	3.5	4.3	3.4	2.9	2.7	3.1
KHANAQIN	...	3.3	3.3	4.0	4.0	4.2	4.3	...	3.7
RUTBAH	1.8	2.4	3.0	3.1	3.9	3.6	2.1	1.8	2.7
HAI	2.8	3.8	4.0	4.0	4.0	3.6	2.8	...	3.6
DIWANIYA	1.7	2.4	2.7	3.5	3.5	3.5	2.4	2.4	2.8
NASIRIYA	2.8	3.5	3.5	3.7	3.4	2.8	2.3	3.4	3.2
BASRAH	2.5	3.3	4.2	3.9	4.1	3.6	2.5	2.5	3.3
HABBANIYA	2.3	3.0	3.6	3.4	3.7	3.9	3.0	2.5	3.2

TABLE 13-a . عدد تكرار رصدات الرياح السطحية :-

SURFACE-WIND, NUMBER OF OBSERVATIONS OF :

المحطة STATIONS	وقت كرينتش TIME GMT.	DIRECTION الاتجاه N	NE	E	SE	S	SW	W	NW	SPEED IN KNOTS السرعة بالعقد CALM	1-10	11-21	22-33	≥34	معدل السرعة MEAN V.K.
بغداد BAGHDAD	0000	4	0	5	4	2	0	1	8	7	21	2	0	0	5
	0300	1	1	2	5	2	0	4	8	8	20	3	0	0	5
	0600	0	1	1	6	3	0	3	10	7	20	4	0	0	5
	0900	0	0	1	8	2	0	6	11	3	19	7	2	0	6
	1200	3	0	1	7	1	3	2	12	2	23	4	2	0	6
	1500	1	0	0	6	1	1	7	8	7	19	4	1	0	6
	1800	1	1	1	5	2	0	4	8	9	17	3	2	0	6
	2100	2	0	2	6	1	0	2	9	9	16	5	1	0	5
	TOTAL	12	3	13	47	14	4	29	74	52	155	33	8	0	6
موصل MOSUL	0000	3	1	5	0	0	0	1	4	17	11	3	0	0	3
	0300	8	0	4	2	0	0	1	2	14	15	2	0	0	4
	0600	5	0	6	1	2	0	2	5	10	15	6	0	0	5
	0900	13	0	9	0	2	0	3	1	3	20	8	0	0	7
	1200	3	0	6	3	5	0	1	6	7	17	7	0	0	7
	1500	3	3	4	0	4	0	3	1	13	12	6	0	0	5
	1800	2	1	7	0	5	0	2	5	9	17	5	0	0	6
	2100	2	1	5	1	0	1	2	3	16	14	1	0	0	3
	TOTAL	39	6	46	7	18	1	15	27	89	121	38	0	0	5
سنجار SINJAR	0300	13	2	9	0	0	0	3	2	2	28	1	0	0	6
	0600	12	1	7	2	1	0	1	4	3	27	1	0	0	5
	0900	3	2	11	2	3	0	4	3	3	26	2	0	0	6
	1200	5	0	14	1	5	0	2	0	4	25	0	0	0	6
	1500	6	3	9	3	1	0	4	0	5	25	1	0	0	5
	1800	2	4	6	0	2	0	2	3	2	26	3	0	0	6
	TOTAL	41	12	56	8	12	0	16	12	19	155	12	0	0	6
كركوك KIRKUK	0000	0	5	5	3	0	1	0	0	17	11	2	1	0	4
	0300	0	5	3	4	0	0	0	0	19	8	2	1	1	4
	0600	0	1	4	5	0	0	0	0	21	7	2	1	0	3
	0900	4	0	2	6	6	1	2	0	10	12	8	1	0	7
	1200	3	0	0	5	6	1	3	3	10	13	7	1	0	7
	1500	0	0	5	3	3	0	2	1	17	8	4	2	0	5
	1800	0	5	3	3	1	0	1	0	18	8	4	1	0	4
	2100	0	7	3	2	2	0	0	0	17	12	1	1	0	3
	TOTAL	7	23	25	31	18	3	8	4	129	79	30	9	1	5
خانقين KHANAQIN	0300	0	0	8	1	12	0	0	0	10	18	2	1	0	3
	0600	0	0	8	1	5	0	1	0	16	14	0	1	0	3
	0900	1	0	3	1	8	1	6	1	10	19	1	1	0	5
	1200	2	0	0	0	11	0	12	3	3	24	3	1	0	6
	1500	1	0	1	0	8	1	5	1	14	13	3	1	0	4
	1800	0	0	3	2	6	0	2	0	18	9	3	1	0	3
	TOTAL	4	0	23	5	50	2	26	5	71	97	12	6	0	4
رطبة RUTBAH	0000	0	0	2	2	8	4	8	0	7	21	1	2	0	6
	0300	0	0	1	1	9	9	5	0	6	24	1	0	0	5
	0600	0	0	1	0	5	9	9	0	7	20	4	0	0	5
	0900	2	0	2	1	11	4	6	1	4	17	9	1	0	8
	1200	5	0	2	1	6	2	11	0	4	18	7	2	0	8
	1500	3	0	4	1	7	2	7	2	5	23	3	0	0	6
	1800	1	0	2	2	6	3	3	0	14	13	3	1	0	5
	2100	0	0	2	2	7	5	3	0	12	15	4	0	0	5
	TOTAL	11	0	16	10	59	38	52	3	59	151	32	6	0	6

ABLE 13-b .

عدد تكرار رصدات الرياح السطحية : —

SURFACE-WIND , NUMBER OF OBSERVATIONS OF :

المحطة	وقت گرينتش	DIRECTION الاتجاه								SPEED IN KNOTS السرعة بالعقد					معدل السرعة بالعقد
ATIONS	TIME GMT.	N	NE	E	SE	S	SW	W	NW	CA-LM	1-10	11-21	22-33	≥ 34	MEAN V.K.
حي	0000	1	1	5	3	0	0	0	13	8	11	12	0	0	7
	0300	3	0	4	2	0	0	2	9	11	15	4	1	0	6
	0600	4	0	9	2	0	0	0	11	5	19	5	2	0	7
	0900	2	2	8	1	0	0	1	12	5	11	10	5	0	11
	1200	2	1	9	0	1	0	2	13	3	13	12	3	0	11
	1500	0	0	9	0	1	0	1	12	8	17	3	3	0	6
	1800	2	1	7	0	1	0	2	10	8	17	4	2	0	7
	TOTAL	14	5	51	8	3	0	8	80	48	103	50	16	0	8
ديوانية	0000	3	2	6	2	1	1	10	1	5	21	5	0	0	5
	0300	4	2	4	3	1	0	11	2	4	21	6	0	0	5
	0600	3	0	6	3	1	1	12	3	2	23	5	1	0	7
	0900	7	0	5	4	1	1	5	5	3	18	9	1	0	8
ANIYA	1200	6	0	5	3	2	0	9	5	1	21	8	1	0	7
	1500	6	1	7	0	2	0	9	5	1	25	5	0	0	6
	1800	4	4	5	2	1	0	11	2	2	22	6	1	0	6
	2100	2	2	7	1	1	0	12	3	3	23	5	0	0	5
	TOTAL	35	11	45	18	10	3	79	26	21	174	49	4	0	6
ناصرية	0000	7	1	3	5	0	0	8	4	3	24	4	0	0	6
	0300	4	1	4	6	0	3	8	2	3	25	3	0	0	6
	0600	1	0	2	5	2	0	8	9	4	20	7	0	0	6
	0900	4	0	2	6	1	1	5	10	2	19	10	0	0	8
RIYA	1200	2	2	2	7	1	0	2	13	2	19	9	1	0	9
	1500	3	0	5	5	1	0	8	7	2	28	0	1	0	5
	1800	3	1	3	6	0	0	8	7	3	27	0	1	0	6
	2100	4	1	2	8	0	0	10	2	4	24	3	0	0	6
	TOTAL	28	6	23	48	5	4	57	54	23	186	36	3	0	7
بصرة	0000	5	3	5	4	1	0	6	5	2	28	0	1	0	3
	0300	4	2	7	2	3	0	5	7	1	29	1	0	0	4
	0600	3	0	5	3	2	0	7	9	2	29	0	0	0	4
	0900	3	2	2	3	4	0	3	14	0	25	6	0	0	6
RAH	1200	5	2	3	4	2	0	3	11	1	27	3	0	0	6
	1500	3	3	2	6	1	0	3	9	4	25	2	0	0	4
	1800	4	1	4	4	3	0	1	11	3	25	3	0	0	4
	2100	3	3	4	2	4	0	4	10	1	28	1	1	0	5
	TOTAL	30	16	32	28	20	0	32	76	14	216	16	2	0	5
حبانية	0000	0	0	5	0	2	0	4	0	20	8	3	0	0	3
	0300	0	1	2	3	0	1	4	0	20	8	3	0	0	3
	0600	1	0	4	2	1	0	8	3	12	15	4	0	0	4
	0900	0	0	0	6	2	1	10	4	8	19	2	2	0	6
LANIYA	1200	1	0	1	4	4	1	7	2	11	14	3	3	0	6
	1500	2	0	2	3	0	0	2	0	22	4	4	1	0	3
	1800	0	0	3	5	0	0	1	2	20	7	3	1	0	4
	2100	0	1	4	3	0	0	2	1	20	8	3	0	0	3
	TOTAL	4	2	21	26	9	3	38	12	133	83	25	7	0	4

TABLE 14-a.

الهطول اليومي (ملليمترات)

DAILY PRECIPITATION (MILLIMETERS), tr. < 0.05 mm.

التاريخ DATE	بغداد BAGHDAD	موصل MOSUL	سنجار SINJAR	كركوك KIRKUK	خانقين KHANAQIN	رطبة RUTBAH	حي HAI	ديوانية DIWANIYA	ناصرية NASIRIYA	بصرة BASRAH	هبانية HABBANIYA
1											
2											
3											
4		0.8									
5	tr.	3.8	4.4	0.2							tr.
6		tr.							tr.		
7										tr.	
8		1.5	0.5	0.6		1.1				0.1	
9		tr.	6.2	1.0	0.7						
10		1.5	tr.								
11	3.1	2.1	1.3	2.1	2.0	tr.	tr.	2.6	tr.	0.4	2.3
12	2.7				9.3						
13						0.1					
14										tr.	
15											
16	4.3	7.2	0.2	11.6		3.0		1.6	1.1		
17		1.5	10.1	4.2	3.8		tr.			tr.	5.9
18		tr.	0.3				tr.		tr.		
19	12.1	11.6	10.4	14.5	1.6		8.6	5.1	1.6		tr.
20				2.8	2.7		0.2		1.0	10.4	6.0
21	4.8	1.8		4.4			5.1	6.5	4.2		
22	8.9	19.0	17.4	0.2	11.8	0.2	12.6	7.4	4.1	3.8	5.5
23					0.5					0.8	
24											
25											
26											
27											
28	tr.								0.4	tr.	
29	0.3			tr.					6.8	9.7	0.3
30										7.3	
31		0.7									
TOTAL	36.2	51.5	50.8	41.6	32.4	4.4	26.5	23.2	19.2	32.5	20.0
NORMAL	28.0	62.8	79.8	68.6	59.8	21.4	29.1	24.0	27.9	35.4	22.1
MAX. FALL IN 24 HOURS	40.0	70.9	65.5	46.3	71.4	45.7	41.0	37.6	22.8	57.0	28.2
DAY	5th.	30th	20th	30th	21st	26th	5th	18th	22nd	5th.	13th
YEAR	1954	1945	1949	1945	1956	1935	1954	1941	1952	1954	1938

DECEMBER 1962 .

TABLE 14-b .

كانون الاول ١٩٦٢

الهطول اليومي (ملليمترات)

DAILY PRECIPITATION (MILLIMETERS), tr. <0.05 mm.

التاريخ	راوندوز	تل عويمات	عقرة	تلعفر	حويجة	بكرجو	افتخار	حلبجة	دهوك	طوز
DATE	RAWA-NDUZ	TELAW-AIMAT	AQRA	TELA-AFAR	HAWI-JA	BAKRAJO	IFTI-KHAR	HALA-BJAH	DUHOK	TUZ
1										
2										
3										
4			0.5						tr.	
5	9.3		9.9	2.5					6.0	
6	5.4	2.5	1.6						tr.	
7								8.5		
8	4.5		3.0	2.3				4.0	8.5	
9	7.4	3.8	6.2	0.2		15.0		4.5	2.2	
10	5.3		15.0						3.4	
11	17.5		1.5	3.5	4.7			9.0	2.1	
12		2.5				11.0				
13										
14										
15										
16	17.6		37.0	2.9	5.6		3.8		16.0	
17	20.3	3.8	28.7	0.2	3.8	10.0		1.0	11.0	20.3
18	7.4	2.5	5.5						3.0	
19	5.0		50.6	7.5	4.9	33.0	7.6	17.5	15.0	
20		5.1				26.0		10.0	2.0	7.6
21	30.5		1.4	3.2	9.0	3.0	4.6	2.5	22.4	
22	25.6	24.1	60.7	28.5	3.4	9.0		34.0	45.0	
23		40.6								
24										
25										
26										
27										
28										
29								3.0		
30										7.6
31			1.0						2.0	
TOTAL	155.8	84.9	222.6	50.8	31.4	107.0	16.0	94.0	136.6	35.5

DECEMBER 1962 .

TABLE 14-c .

كانون الاول ١٩٦٢

الهطول اليومي (مليمترات)

DAILY PRECIPITATION (MILLIMETERS) , tr. < 0.05 mm

التاريخ	جلولاء	شقلاوة	هيت	قادر كرم	طقطق	كوسنجق	شيخان	دربند خان	الرميل	سرگة سور
DATE	JALA-LAA	SHAQL-AWA	HIT	QADIR KARAM	TAQTAQ	KOIS-INJANQ	SHI-KHAN	DARBAN DIKHAN	ROMIL	MERGA SOOR
1										
2										
3										
4										
5					tr.					
6						2.0		tr.		2.0
7						tr.		11.5		4.2
8								4.5		tr.
9		4.0				3.0		4.5		
10		5.2			3.5	2.0		0.5		36.0
11	12.7	3.5				2.0	2.0	10.5		30.0
12		10.5			tr.	4.0				25.0
13										
14				5.0						
15	4.6			15.0						
16			5.1		8.5			4.0		
17		41.5			8.0	31.0	13.0	3.5		
18		8.5				16.0	8.0			
19		0.5	4.5		16.5	1.0	10.0	16.5		53.5
20	5.6	42.3			6.0	9.0	24.0	17.5	7.0	9.0
21					3.0	3.0	7.0	1.0	3.0	14.0
22	2.5	92.2			10.0	23.0		53.0		
23	5.1						8.0			51.4
24										tr.
25										
26			tr.							
27										
28										
29								5.5		
30	2.5									
31										
TOTAL	33.0	208.2	9.6	20.0	55.5	96.0	72.0	132.5	10.0	224.9

DECEMBER 1962 .

كانون الاول ١٩٦٢

TABLE 14-d .

الهطول اليومي (ملليمترات)

DAILY PRECIPITATION (MILLIMETERS) , tr. <0.05 mm.

التاريخ	عمادية	العظيم	دوكان	زيبار	ديانا	كفري	طوسان	ك ٢	سامراء	منصور
DATE	AMA-DIYA	AL AITHAIM	DUKAN	ZIBAR	DIANA	KOFRI	TUSAN	K2	SAMI-RAA	MAN-SOOR
1										
2										
3										
4				27.0			0.5			
5			1.5	18.0	9.2		10.0			
6				12.0	4.3		2.0			
7				25.0						
8			2.0	23.0	2.4		10.0			
9			6.0	17.0	8.5	1.0	1.0			
10			14.5	9.0	3.8		2.0			
11		2.4	5.0	12.0	16.6	7.0	4.0	2.0		
12				47.0						11.4
13				39.0						
14				27.0						
15				32.0						
16		9.5	14.0	41.0	20.6	10.0	8.5			
17			14.0		17.7		3.5		6.4	7.6
18					1.2		tr.			
19		8.1	27.0		54.2	10.0	14.0	21.0		
20			11.0		13.8	2.0			10.2	
21		3.6	3.0			2.0	3.0	5.0		
22		3.0	5.0	13.0	22.5	10.0	52.0		6.4	10.2
23	47.5								2.5	
24										
25										
26										
27										
28										
29		tr.				6.0				
30										
31							2.0			
TOTAL	47.5	26.6	103.0	342.0	174.8	48.0	112.5	28.0	25.5	29.2

TABLE 14-c . الهطول اليومي (مليمترات)

DAILY PRECIPITATION (MILLIMETERS) , tr. (0.05 mm.

التاريخ	سماوة	عنة	بدرة	قلعة دزة	كوت	بدعة	علي الغربي	عزيزية	سلمان	الرميثة
DATE	SAM-AWA	ANAH	BADRA	QALAT DIZZA	KUT	BADA'A	ALIAL-GHARBI	AZI-ZIYA	SULMAN	RUMAITHA
1										
2										
3										
4										
5										
6					0.4					
7				1.9						
8										
9				5.2						
10				10.0						
11		3.4		9.0	1.5		0.6	7.7		
12						3.0				
13										
14										
15										
16					2.0			3.5		
17				17.7			0.7			3.0
18				15.3						
19		8.4	4.0	46.5	5.0		13.6	6.5		
20	5.7			22.5		4.0			6.0	
21					5.0		3.1	4.0		
22		7.0	8.0	23.8	7.0	5.0	10.7	16.5	13.0	
23	24.2					9.0		tr.		16.0
24										
25										
26										
27										
28									18.5	
29	4.0									3.0
30	1.5					4.0				
31										
TOTAL	35.4	18.8	12.0	151.9	20.9	25.0	28.7	38.2	37.5	22.0

TABLE 14-f . الهطول اليومي (مليمترات)

DAILY PRECIPITATION (MILLIMETERS) , tr. <0.05 mm.

التاريخ	السعدية	شبكة	غبيشية	كربلاء	زبير	اور	فاو
DATE	SA'ADIYA	SHABICHA	GHABISHIYA	KARBALA'A	ZUBAIR	UR	FAO
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							1.5
12	11.0			2.6			
13							
14							
15							
16				9.0			
17	5.0					1.3	
18							
19				6.4	4.0	2.5	
20	4.0						2.0
21			6.4	2.0		6.4	2.0
22	8.0	9.0		5.0		4.1	
23	2.0		3.8				
24							
25							
26							
27							
28							
29		4.0			6.0		7.0
30			6.4				
31							
TOTAL	30.0	13.0	16.6	25.0	10.0	14.3	12.5

TABLE - 15 .

CLIMATOLOGICAL SUMMARY : الملخصات المناخية

No. OF DAYS OF PHENOMENAS : عدد الايام التي حدثت فيها الظواهر الجوية

STATIONS	RAIN	SNOW	HAIL	THUNDER STORM	FOG	DUST	STATE OF SKY CLEAR	STATE OF SKY CLOUDY	GROUND FROST.
BAGHDAD	7	0	0	0	6	0	12	3	7
MOSUL	11	0	0	1	8	0	7	10	2
SINJAR	9	0	0	0	4	0	7	6	0
KIRKUK	10	0	0	1	1	0	10	4	3
KHANAQIN	8	0	0	1	0	0	10	7	0
RUTBAH	3	0	0	0	0	0	11	1	0
HIT	4	0	0	2	0	0	9	5	0
DIWANIYA	5	0	0	1	0	1	13	1	0
NASIRIYA	7	0	0	2	1	0	10	4	0
BASRAH	6	0	0	1	0	0	9	5	2
ZABBANIYA	5	0	0	2	0	0	12	2	7

TABLE - 16.

DURATION OF SUNSHINE: مدة سطوع الشمس

STATIONS	MONTHLY TOTAL SUNSHINE HOURS	MAX. SUNSHINE IN ONE DAY HOURS	MAX. SUNSHINE IN ONE DAY DATE	No. OF DAYS WITHOUT SUNSHINE
BAGHDAD	158.4	8.7	3rd.	6
MOSUL	161.5	9.3	1st.	5
BASRAH	185.7	9.7	4th.	3
ZABBANIYA	187.9	9.6	4th.	4

TABLE - 17. المعدل الشهري لحرارة التربة و العشب و اعلى سرعة ريح سطحي خلال ساعة

MONTHLY MEAN OF: ,and, HIGHEST WIND SPEED (KNOTS) DURING ONE HOUR

STATIONS	MEAN GRASS MINIMUM C° TEMPERATURES	MEAN EARTH TEMPERATURES 0.3 M	MEAN EARTH TEMPERATURES 1.2 M	HIGHEST WIND SPEED	DIRECTION	TIME GMT.	DATE
BAGHDAD	2.7	15.3	23.1	32	140	1200	22nd
MOSUL	...	12.1	18.6	20	180	1800	22nd
SINJAR	...	....	....	19	200	1800	22nd
KIRKUK	3.6	14.3	19.5	35	130	0300	17th
KHANAQIN	...	....	....	29	180	0300	6th
RUTBAH	...	....	....	28	150	0000	19th
HIT	7.3	....	....	26	110	0600	20th
DIWANIYA	...	....	....	26	110	0900	19th
NASIRIYA	8.3	17.6	23.9	23	110	1200	17th
BASRAH	6.9	....	....	23	140	0000	20th
ZABBANIYA	2.6	15.4	21.5	32	120	0900	22nd

BLE 18-a. (17) Month: December 1962.

BAGHDAD AIRPORT

Frequency of Horizontal Visibility

TIME - G.M.T.

si-lity	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
00M							1																		1
00 00M			1		1	2	1								1										6
500 1000M					5	1	1				1	1	2	2	1	1			1						16
1000 1500M				1	3	2	4	1									1	1							13
1500 3000M	1	1		1	3	7	3	5		3	2	2	2	1		3	1	1	1		1	1	1		40
5KM		1	2	1	2	5	4	4	4	2	2	1		1	4	5	1	2		1	1	1		1	45
5 10KM	1	2	3	6	13	12	9	8	10	7	6	7	5	5	13	18	11	5	2	2	2	2	1		150
10 15KM	13	15	14	14	4	2	7	10	11	10	8	7	7	8	10	4	16	17	17	14	9	10	16	17	260
15KM	16	12	11	8			1	3	6	9	12	13	15	14	2		1	5	10	14	18	17	13	13	213

NOTE: In fields containing two numbers the first one gives the cases with dust in the air. the second number shows the total.

Frequency of different heights of cloud - base (amount 4-8 oktas)

eight	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
50M																									
50 -150M																									
150 -300M									1	1	1	2		1	1										7
300 500M					1	1	2	2	2	1	1	1	3	1		1	1		1						18
500 -900M	2	1								1	1		1	1	1	1	2	2	1	1	1	1		2	19
900				1	3	2	3	3	1	2	1	2	1	1	3	1	1				1	1			27

BASRAH AIRPORT

Frequency of Horizontal Visibility

TIME - G.M.T.

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -200M																									
>200 -500M					1	1																			2
>500 -1000M																									
>1000 -1500M						1																			1
>1500 -3000M					3	1	1							1	1					1	1				9
>3 -5KM	1				1					1	1			1	1	1	1	1	1			1			11
>5 -10KM	2	3	4	6	3	4	4	3	1/4	2	3	2/3	2/4	1/3	1/4	1	1	1	3	4	4	4	1/3	3	76
>10 -15KM	8	9	10	11	11	15	14	12	8	8	4	5	7	8	11	17	13	13	7	7	6	6	6	9	225
>15KM	20	19	17	14	12	9	12	16	19	20	23	23	20	18	14	12	16	16	20	19	20	20	22	19	420
Total	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	744

NOTE: In fields containing two numbers the first one gives the cases with dust in the air. the second number shows the total.

Frequency of different heights of cloud - base (amount 4-8 oktas)

Height	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -50M																									
>50 -150M																									
>150 -300M			2	1					1	2	2	1								1	1				11
>300 -500M							1	1				1	1												4
>500 -900M		1	1			1				2	2	2	1	3	2	1	1	1			1	1			20
900M	9	9	10	12	17	17	19	16	15	12	14	14	15	13	15	13	10	11	12	8	6	9	11	11	298

TABLE 19-a. Month: December 1962

BAGHDAD AIRPORT

Simultaneous occurrences of specified visibility ranges and specified lowest cloud - base (≥4 Oktas)

HEIGHT	VISIBILITY																													
METERS	0-200M			≥200-500M			≥0.5-1KM			≥1-1.5KM			≥1.5-3KM			≥3-5KM			≥5-10KM			≥10-15KM			≥15KM			TOTAL		
0-50																														
≥50-150																														
≥150-300																														
≥300-500																														
≥500-900																														
<4/8 OR *			1			1			1		1	4	1	1	3		1	4	1	6	9	13	14	7	16	8	1	31	31	31
≥900								2	1				3	2	3	2		5	7	5	18	10	7	4	9	15		31	31	31
AND ≥4/8			1			1	1		5			5	1	1	15		1	13	2	2	50	17	10	82	10	17	76	31	31	248
			1			1			1		1	4	1	1	3		1	4	1	6	9	13	14	7	16	8	1	31	31	31
TOTAL								2	1				3	2	3	2		5	7	5	18	10	7	4	9	15		31	31	31
						1	1		5			5	1	1	15		1	13	2	2	50	17		82	10	17	76	31	31	248

NOTE:

The nine fields for each combination of visibility and height contain the number of occurrences for different times using the following model :

00	03	06	
09	12	15	GMT.
18	21	To	

To= Total for all hours

*ALL CASES WITH CLOUD AMOUNT OF LESS THAN 4/8 ARE ENTERED HERE.

138172

TABLE 19-b .

Month: December 1962 .

BASRAH AIRPORT

Simultaneous occurrences of specified visibility ranges and specified lowest cloud - base (≥4 oktas)

HEIGHT METERS	VISIBILITY 0-200M	≥200-500M	≥0.5-1KM	≥1-1.5KM	≥1.5-3KM	≥3-5KM	≥5-10KM	≥10-15KM	≥15KM	TOTAL
≥0-50										
≥50-150										
≥150-300							1			1
								1	2	
							1	1	1	3
									1	1
≥300-500									1	1
									2	2
≥500-900							1	1	1	2 1
							1	1	1 2	1 4
<4/8 OR *					1 1	2	6 4	8 10	14 20	14 11 30	30 30
≥900					1	1 2	3 1	7 7	16 19	18 12 29	28 30
AND ≥4/8					1 1	1 5	3 4	5 7	6 75	20 19	133 31	30 239
					1 1	2	7 4	8 10	14 20	14 12	31 31	31
TOTAL					1	1 2	4 1	8 7	17 20	20 12	31 31	31
					1 1	1 5	3 4	27 7	6 77	20 20	138 31	31 248

NOTE:

The nine fields for each combination of visibility and height contain the number of occurrences for different times using the following model :

00	03	06
09	12	15
18	21	To

GMT.

To=Total for all hours.

*ALL CASES WITH CLOUD AMOUNT OF LESS THAN 4/8 ARE ENTERED HER