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مديرية الطيران المدني العامـــــــــة

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معلومات مناخية لشهر كانون الثاني ١٩٦٥

مجلد ٢٨ عدد (١) ، كانون الثاني ١٩٦٥

MONTHLY CLIMATOLOGICAL DATA FOR JANUARY 1965

VOLUME 28, No. (1), J A N U A R Y 1 9 6 5 .

اعداد وتنظيم وطبع وتوزيع من قبل شعبة المناخ

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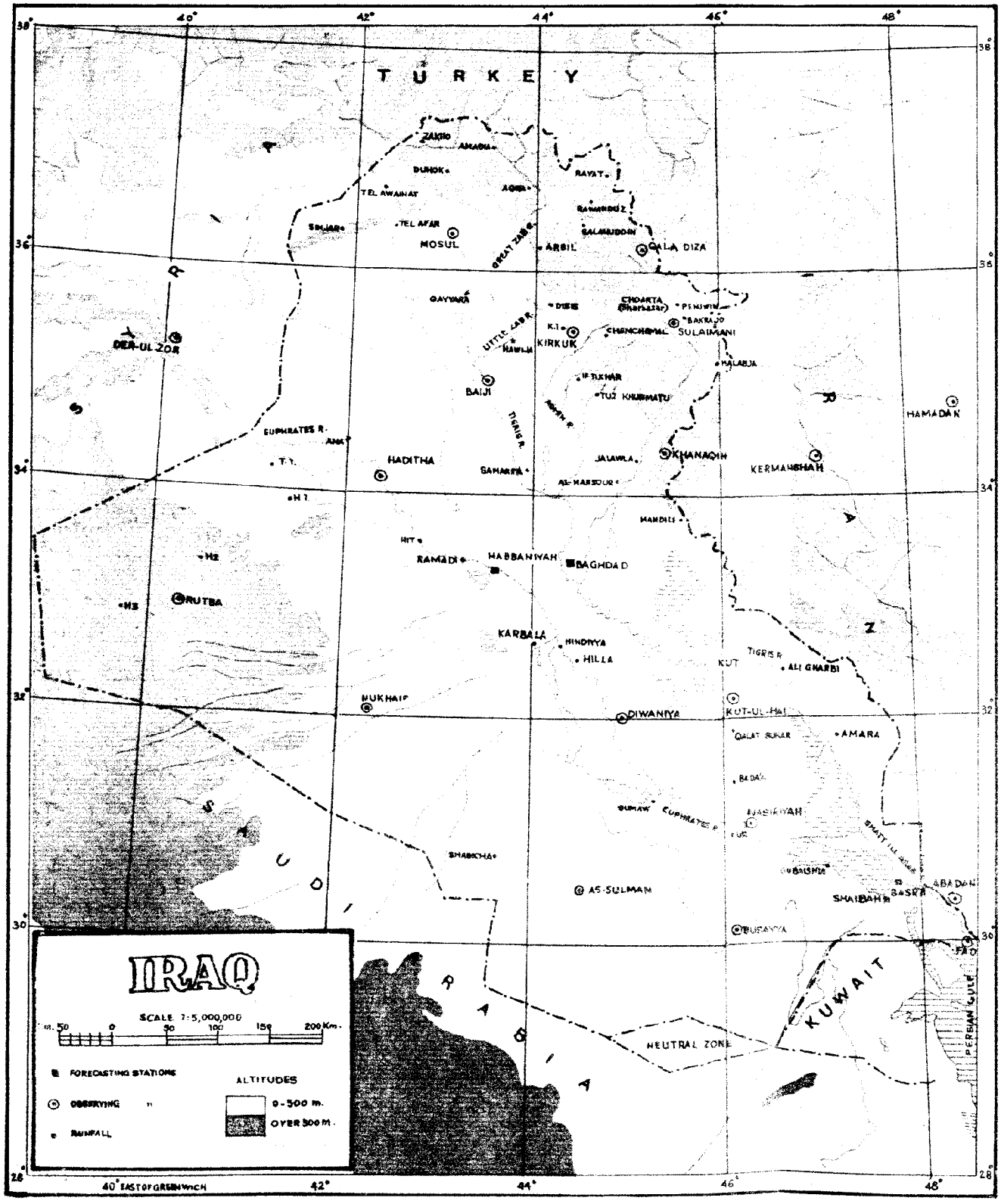

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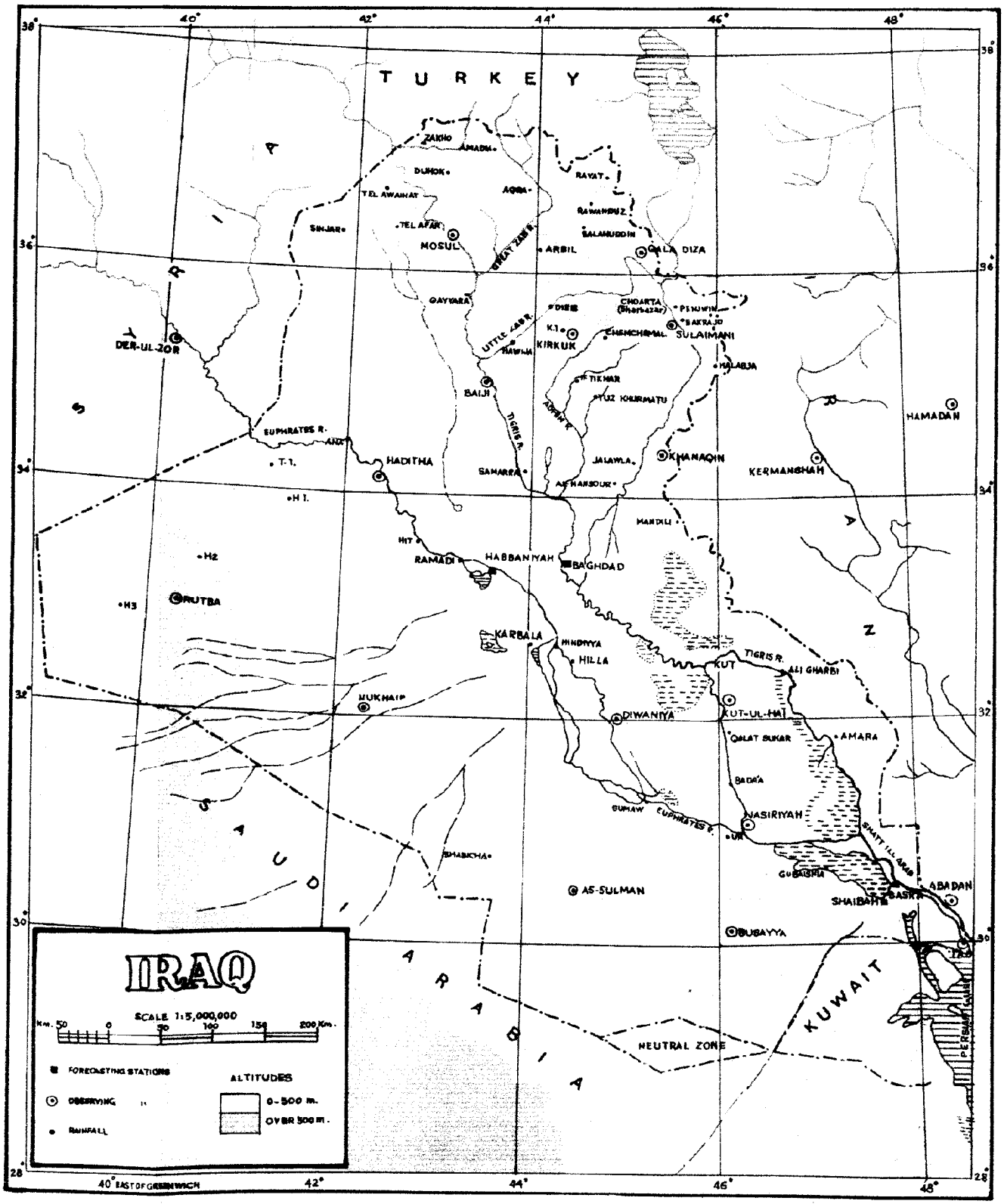

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GEOGRAPHICAL DATA

METEOROLOGICAL STATIONS

STATION	LATITUDE N.	LONGITUDE E.	HEIGHT ABOVE M.S.L. (METERS)
SINJAR	36 19 N.	41 50 E.	538 meters
MOSUL	36 19	43 09	222.6
KIRKUK	35 28	44 24	330.8
KHANAQIN	34 18	45 26	201.2
RUTBAH	33 02	40 17	615.5
RABBANIYA	33 22	43 34	43.6
BAGHDAD	33 20	44 24	34.1
NUKHAIB	32 02	42 15	395
HAI	32 10	46 03	14.9
NAJAF	31 59	44 19	32
DIWANIYA	31 59	44 59	20.4
NASIRIYA	31 01	46 16	3
BASRAH	30 34	47 47	2.4

RAINFALL STATIONS

STATION	LATITUDE N.	LONGITUDE E.	HEIGHT ABOVE M.S.L. (METERS)
ZAKHO	37 08 N.	42 41 E.	442 Meters
AMADIA	37 05	43 30	1296
RAWANDUZ	36 37	44 33	1006
AQRA	36 45	43 53	716
TEL-AWAINAT	36 41	42 24	346
TELAAFAR	36 22	42 29	273
QAYARA	35 08	43 17	180
ARBIL	36 11	44 00	414
CHAMCHAMAL	35 32	44 51	701
SULAIMANIYA	35 33	45 27	853
PENJWIN	35 37	45 58	1311
BAKRAJO	35 34	45 22	750
HALABJA	35 11	45 59	724
IFTIKHAR	35 03	44 27	204
CHUARTAH	35 44	45 35	1356
SALAHADDIN	36 37	44 15	1088
RAYAT	36 41	44 57	1610
SANAT	36 46	42 48	-
DUHOK	36 52	43 02	850
MIRZARUSTAM	36 03	44 58	459
SHAQLAWA	36 23	44 20	-
SERSANK	36 58	43 32	1046
BINKIRD	36 03	45 03	708
HINDIYA	32 42	44 17	224
HILLA	32 29	44 26	27
KUT	32 30	45 45	19
MANDILY	33 45	45 33	137
AMARA	31 51	47 10	9
SHABICHA	30 42	43 41	-
SAMAWA	31 18	45 16	6
BADAA	31 26	46 11	9
UR	30 58	46 08	4
GH ABISHIYA	30 44	47 05	4
MAQIL	30 34	47 47	2
FAO	29 59	48 30	2
DIBIS	35 41	44 05	239
HAWIJA	35 31	44 18	305
TUZ	34 53	44 39	220
ANA	34 28	41 27	-
[illegible]	34 05	45 04	58
JALAWLAA	34 16	45 09	419
HIT	33 38	42 50	58

GEOGRAPHICAL DATA CONTINUED

STATION	LATITUDE N.	LONTUDE E.	HEIGHT ABOVE M.S.L. (METERS)
KARBALAA	32 37 N.	44 04 E.	29 meters
BAIJI	34 56	43 29	115
SAMIRAA	34 11	43 50	65
RUMADI	33 25	43 17	89
HADITHA	34 01	42 22	140
ALI-AL GHARBI	32 28	46 54	13
GALALA	36 27	44 49	1050
BILI (ZIBAR)	36 32	44 04	400
DIANA	36 28	44 33	700
TAQ-TAQ	35 53	44 35	300
DUKAN	35 57	45 00	670
IFRAZ	36 22	45 48	209
QADIR-KARAM	35 44	44 33	380
KANDAL YARIM	35 45	45 39	340
KOUFRI	35 42	44 58	210
AIN SIFNI	36 14	43 21	520
KOISINJANQ	36 05	44 48	540
FATHA	35 03	43 34	150
MAKHMUR	35 46	43 35	-
AL RUMIL	34 39	43 59	-
BERZINJA	35 23	46 41	-
DARBANDIKHAN	35 06	45 47	-
E_1	34 14	44 20	-
K_2	34 55	43 24	-
SIDEKAN	36 46	44 38	-
QARA DAGH	35 19	45 24	-

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 Centigrades), the measurements of temperature are made in Stevenson (Louvred) Screens in the open. The height of the thermometer bulbs is approximately 1.3 meter above the ground level.

RAINFALL :-(in Millimeters), the daily amount is for 24 hours from 0600 GMT. on the day of entry to 0600 GMT. 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 Storm are those 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 of cloud amount is 7 or 8 Oktas.

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

OBSERVATIONS : G.M.T.

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

IV

كانون الثاني ١٩٦٥

كان الجو في الايام الخمسة الاولى و الاخيرة من هذا الشهر مستقرة نظرا لوجود منطقة ضغط عالي فوق العراق . بينما في بقية ايام الشهر كان الجو على العموم غير مستقر بسبب تعاقب مناطق الضغط الواطئة القادمة من شرق البحر الابيض المتوسط مما سبب هطول الامطار المصحوبة احيانا بزوابع رعدية ،كما سجلت كثير من حالات الغبار المتصاعد و الغبار الخفيف الذى شمل بوجه خاص وسط و جنوب العراق .

درجات الحرارة :- كانت معدلات درجات الحرارة اليومية مقاربة لمعدلاتها في السنين السابقة في جميع المناطق . كما كانت معدلات درجات الحرارة العظمى اقل من معدلاتها اما درجات الحرارة الصغرى فكانت فوق معدلاتها .

الضغط الجوى و الرطوبة النسبية :- كان الضغط الجوى تحت المعدل في جميع المناطق بمقدار يتراوح ما بين ١.٥ - ٤.٠ ملليبار . اما الرطوبة النسبية فكانت فوق معدلاتها .

الرياح :- الرياح شمالية الى شمالية غربية في الجو المستقر و جنوبية الى جنوبية شرقية في الجو الغير المستقر .

JANUARY 1965

During the first and last five days of the month the weather was settled due to existence of high pressure system over Iraq.

On the rest of the month the weather generally was unsettled due to successive low pressure waves which passed across the Country coming from East Mediterranean Sea caused frequent rainfall accompanied sometimes with thunderstorms. Rising Dust and Dust Haze cases were reported in many places specially from Central and South regions.

Temperature :- The mean daily temperature was around the normal in all areas. The mean maximum temperature was below the normal while the mean minimum temperature was above the normal.

Pressure and Relative Humidity :- Mean pressure was below the normal in all Iraq between 1.5-4.0 mbs., and, the mean relative humidity was above the normal.

Surface-Wind :- Generally N to NW'ly in settled weather and S to SE'ly in unsettled weather .

JANUARY 1965 (1) كانون الثاني ١٩٦٥

TABLE 1 -a. المعدل اليومي لدرجات الحرارة (سنتغراد)

DAILY MEAN TEMPERATURE (C°) OF 8 OBSERVATIONS

الايام	سنجار	موصل	كركوك	رطبة	حبانية	بغداد
DAYS	SINJAR	MOSUL	KIRKUK	RUTBAH	HABBANIYA	BAGHDAD
1	7.7	6.5	10.5	8.5	8.2	10.6
2	8.1	7.8	10.4	7.4	7.9	9.9
3	[illegible]	5.8	9.6	6.5	7.2	8.9
4	7.9	5.5	8.5	8.9	8.4	8.3
5	10.3	6.5	7.9	10.5	10.8	10.1
6	5.6	4.7	7.3	10.4	11.1	11.0
7	5.1	8.2	8.5	10.9	11.4	12.0
8	5.6	8.4	10.2	9.7	13.8	13.1
9	2.4	5.8	6.2	4.1	8.0	8.5
10	3.8	5.8	5.2	3.1	3.8	4.9
11	3.8	4.2	3.8	2.9	4.5	5.2
12	2.5	4.3	5.8	2.9	7.0	8.3
13	5.4	6.0	6.9	3.8	6.7	7.6
14	3.5	5.5	4.8	3.9	6.9	8.9
15	4.8	6.0	5.6	5.2	5.3	7.2
16	4.7	6.2	5.8	6.9	7.0	7.9
17	4.7	6.4	5.6	5.2	8.1	8.8
18	4.7	4.5	6.1	5.7	8.7	9.6
19	3.7	6.6	7.7	6.6	9.4	9.9
20	8.1	6.5	7.8	8.5	9.2	9.7
21	6.6	8.5	9.8	9.8	9.9	10.1
22	10.4	8.6	10.2	9.4	9.5	12.2
23	8.1	6.6	9.3	10.5	11.0	11.1
24	9.3	9.1	10.9	9.2	9.7	10.8
25	9.7	10.0	11.6	8.9	11.1	11.5
26	7.5	5.2	10.3	9.5	12.5	13.0
27	8.5	9.3	9.1	8.9	11.6	11.7
28	9.3	9.4	11.2	10.0	11.0	11.9
29	10.4	9.6	11.0	9.3	11.0	11.4
30	9.7	9.3	10.3	8.3	10.7	10.7
31	10.2	8.2	10.4	7.5	10.6	10.8
MEANS	6.8	7.3	8.3	7.5	9.1	9.9
DEPARTURE FROM NORMAL	....	+0.8	-0.3	+0.7	-0.4	-0.2

NOTE: AT SINJAR, OBSERVATIONS 0000&2100 ARE MISSED.

T I M E - G . M . T .

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

JANUARY 1965 (2) كانون الثاني ١٩٦٥

TABLE 1-b. المعدل اليومي لدرجات الحـــــرارة (سنتغراد)

DAILY MEAN TEMPERATURE (C°) OF 8 OBSERVATIONS

الايام	نخيب	حي	نجف	ديوانية	ناصرية	بصرة
DAYS	NUKHAIB	HAI	NAJAF	DIWANIYA	NASIRIYA	BASRAH
1	10.3	11.4	9.2	10.3	9.9	10.3
2	10.4	10.7	8.8	10.2	9.5	10.2
3	11.1	10.7	8.9	10.2	10.0	10.6
4	11.5	10.6	9.5	9.7	9.6	10.7
5	14.0	10.3	10.1	10.0	10.7	12.0
6	14.5	11.0	10.8	11.6	11.1	12.0
7	14.2	13.1	11.7	12.4	14.3	14.8
8	12.5	13.1	13.5	13.8	14.3	16.0
9	10.2	12.2	9.5	9.8	13.2	15.3
10	8.0	7.7	6.0	6.4	7.3	10.0
11	7.1	5.5	5.3	6.4	7.2	8.0
12	6.9	7.0	7.0	8.2	10.4	12.1
13	7.0	8.5	6.7	7.7	9.4	10.4
14	8.9	9.7	8.2	8.7	9.1	9.9
15	8.7	9.2	7.6	7.9	8.4	9.3
16	9.2	9.9	8.3	9.2	9.4	10.2
17	8.4	11.3	9.9	11.5	10.5	10.9
18	7.2	10.4	9.2	10.8	9.7	10.2
19	9.1	9.6	9.1	10.0	11.3	12.7
20	10.6	9.9	10.0	9.0	10.7	11.3
21	12.3	10.1	11.3	11.2	10.2	10.2
22	13.6	11.9	11.0	12.1	11.2	11.3
23	14.4	11.4	12.2	13.2	13.0	16.1
24	11.8	12.3	9.4	9.6	10.4	14.9
25	8.9	13.8	9.7	11.2	12.2	16.2
26	13.9	15.6	11.0	13.0	15.9	17.5
27	12.6	13.2	11.2	11.8	12.8	14.9
28	12.8	14.3	12.8	13.6	14.3	13.7
29	13.0	13.1	12.7	12.6	14.1	13.9
30	13.6	13.1	11.2	12.4	12.6	13.9
31	12.2	12.8	11.5	12.1	12.0	12.8
MEANS	10.9	11.0	9.8	10.5	11.1	12.2
DEPARTURE FROM NORMAL	....	-0.2	....	+0.1	-0.7	+0.2

NOTE :AT NUKHAIB OBSERVATIONS 0000, 03000, 1800 & 2100 ARE MISSED.
AT HAI, OBSERVATION 2100 IS MISSED.

JANUARY 1965 (3) كانون الثاني ١٩٦٥

TABLE 2- a. المعدل الشهري للضغط الجوي على سطح البحر (ملليبارات)

DAILY MEAN PRESSURE (MILLIBARS) AT M.S.L. OF 8 OBSERVATIONS

الايام	سنجار	موصل	كركوك	رطبة	حبانية	بغداد
DAYS	SINJAR	MOSUL	KIRKUK	RUTBAH	HABBANIYA	BAGHDAD
1	1016.5	1016.6	1015.5	1015.2	1015.0	1015.1
2	18.0	18.0	16.4	16.2	16.1	15.9
3	19.9	20.8	18.8	18.9	19.2	18.6
4	20.6	21.4	20.0	18.7	19.5	19.7
5	19.7	20.9	20.1	19.8	19.6	19.8
6	14.8	15.9	15.4	15.0	14.6	15.2
7	13.4	13.1	13.5	11.9	12.2	12.8
8	04.8	05.2	06.5	05.2	04.9	06.3
9	03.4	05.1	05.7	07.6	06.5	06.6
10	12.5	12.0	11.5	13.1	11.5	11.2
11	09.7	10.7	10.9	08.0	09.9	10.6
12	14.9	14.8	12.8	08.7	07.9	08.5
13	11.4	12.1	10.6	14.0	09.4	09.4
14	21.0	21.5	21.5	20.5	20.7	21.0
15	24.7	24.9	24.7	20.8	24.7	24.5
16	27.3	27.9	27.7	23.1	26.3	26.9
17	27.7	22.9	27.0	24.9	25.8	25.9
18	24.9	25.0	24.0	20.6	22.9	23.4
19	08.6	08.7	07.1	03.8	04.4	00.7
20	12.5	13.2	12.1	15.5	13.6	13.8
21	24.6	24.5	23.7	20.0	22.4	23.1
22	22.6	22.7	21.5	18.9	21.0	21.2
23	15.7	17.1	15.5	12.8	13.2	13.9
24	17.0	17.3	16.6	15.8	16.3	16.1
25	17.3	17.5	16.6	14.2	15.1	15.5
26	09.0	09.7	09.3	10.1	09.0	09.2
27	14.5	15.6	15.3	14.5	14.1	14.9
28	19.7	19.7	18.4	17.2	17.8	17.9
29	19.5	20.5	19.0	19.5	19.2	17.8
30	23.4	23.7	22.4	22.8	22.7	22.8
31	25.4	26.0	24.0	25.1	23.9	23.5
MEANS	1017.3	1017.6	1016.9	1015.9	1016.1	1016.2
DEPARTURE FROM NORMAL	....	-2.9	-2.6	-4.0	-2.9	-2.8

STATIONS	HIGHEST	DAY	TIME	YEAR	LOWEST	DAY	TIME	YEAR	
SINJAR	1028.8	17th	0900	1965	999.7	8th	1800	1965	1965
MOSUL	1029.3	17th	0000	1965	999.5	19th	2100	1965	
KIRKUK	1028.8	16th	1800	1965	997.1	19th	1800	1965	
RUTBAH	1026.5	31st	0600	1965	999.0	19th	1200	1965	
HABBANIYA	1027.8	16th	0600	1965	997.5	19th	1500	1965	
BAGHDAD	1028.4	16th	0900	1965	998.4	19th	1500	1965	
SINJAR	1033.5	3rd	0600	1964	999.7	8th	1800	1965	RECORD
MOSUL	1038.4	7th	0600	1942	994.8	28th	0200	1940	
KIRKUK	1032.0	30th	0600	1964	997.1	19th	1800	1965	
RUTBAH	1039.3	7th	0000	1942	999.0	19th	1200	1965	
BAGHDAD	1036.0	7th	0600	1942	998.4	19th	1500	1965	

JANUARY 1965 كانون الثاني ١٩٦٥

TABLE 2- b. الجدول اليومي للضغط الجوي على سطح البحر (ملليبارات)

DAILY MEAN PRESSURE (MILLIBARS) AT M. S. L. OF 8 OBSERVATIONS

الايام	نخيب	حي	نجف	ديوانية	ناصرية	بصرة
DAYS	NUKHAIB	HAI	NAJAF	DIWANIYA	NASIRIYA	BASRAH
1	1021.2	1014.8	1014.9	1015.0	1014.4	1015.6
2	19.5	14.6	15.1	15.4	14.6	15.8
3	19.7	17.3	18.6	19.0	17.9	18.1
4	18.6	18.8	19.4	19.7	18.8	19.1
5	19.6	18.8	19.2	19.7	18.6	18.5
6	14.8	15.8	15.4	16.1	16.0	16.5
7	13.9	14.0	12.6	13.4	13.7	15.8
8	07.1	09.7	06.1	07.4	08.3	10.8
9	07.1	05.9	06.3	07.4	06.4	07.2
10	12.5	10.4	11.3	11.3	09.7	08.9
11	08.5	11.2	09.7	10.7	11.3	13.3
12	06.4	10.4	06.2	07.7	08.2	11.1
13	12.0	10.9	10.9	11.3	13.1	15.4
14	19.5	21.1	20.6	21.3	21.3	22.1
15	22.2	23.4	23.8	24.5	23.7	24.3
16	24.3	26.1	26.1	26.6	25.9	26.3
17	24.3	25.0	24.6	25.3	24.7	25.2
18	22.0	23.5	22.4	22.9	22.1	22.7
19	02.7	09.0	06.3	07.5	08.0	10.5
20	16.9	13.7	14.9	15.7	15.6	16.6
21	20.6	22.4	22.2	23.0	22.2	22.5
22	19.8	20.4	20.6	20.9	20.4	20.6
23	11.1	14.8	12.8	13.9	13.9	16.4
24	14.6	14.6	15.6	16.1	14.6	15.5
25	15.3	15.1	14.7	16.6	14.5	15.7
26	09.4	08.3	08.5	10.5	08.6	10.0
27	14.2	14.4	14.7	15.3	15.1	18.2
28	17.0	16.4	17.3	17.6	16.5	17.1
29	18.7	17.3	18.5	18.8	17.4	17.6
30	21.8	21.0	22.1	22.5	21.4	21.5
31	23.3	21.8	23.3	23.5	21.9	21.6
MEANS	1016.1	1016.1	1016.0	1016.6	1016.1	1017.1
DEPARTURE FROM NORMAL	....	-3.2	....	-2.1	-2.5	-1.5

STATIONS	HIGHEST	DAY	TIME	YEAR	LOWEST	DAY	TIME	YEAR	
NUKHAIB	1026.2	16th	0900	1965	999.2	19th	1200	1965	1965
HAI	1027.6	16th	0600	1965	1001.6	19th	1500	1965	
NAJAF	1027.7	16th	0900	1965	999.7	19th	1200	1965	
DIWANIYA	1028.5	16th	0600	1965	1000.7	19th	1500	1965	
NASIRIYA	1027.4	16th	0600	1965	1001.9	19th	1200	1965	
BASRAH	1027.8	16th	0600	1965	1003.3	19th	1500	1965	
HAI	1030.8	30th	0600	1964	1001.6	19th	1500	1965	RECORD
NUKHAIB	1032.7	30th	0600	1964	999.2	19th	1200	1965	
NAJAF	1032.3	30th	0600	1964	999.7	19th	1200	1965	
DIWANIYA	1036.1	7th	0600	1942	1000.0	10th	2100	1953	
NASIRIYA	1035.9	7th	0600	1942	1001.9	19th	1200	1965	
BASRAH	1035.1	7th	0600	1942	1003.1	28th	0200	1940	

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ABLE -3 ٥

(٤)

المعدل اليومي للرطوبة النسبية (٪)

DAILY MEAN RELATIVE HUMIDITY (%) OF 8 OBSERVATIONS

الايام	سنجار	موصل	كركوك	رطبة	حبانية	بغداد	نخيب	حي	نجف	ديوانية	ناصرية	بصرة
AYS	SIN-JAR	MO-SUL	KIR-KUK	RUT-BAH	HABB-ANIYA	BAGH-DAD	NUK-HAIB	HAI	NA-JAF	DIWA-NIYA	NASI-RIYA	BAS-RAH
1	62	81	68	65	81	69	43	62	64	67	62	67
2	59	74	51	76	83	69	54	63	62	66	60	65
3	62	74	42	74	87	72	47	69	64	66	63	64
4	62	73	51	71	81	67	44	69	65	68	65	63
5	50	61	57	74	67	60	45	63	63	63	57	61
6	83	86	66	67	72	67	51	53	62	64	60	60
7	88	91	85	70	79	68	57	58	67	61	53	64
8	99	93	88	71	67	71	56	68	56	59	57	67
9	98	85	88	63	64	71	47	69	61	65	58	69
10	74	80	69	51	70	70	43	64	59	61	53	62
11	68	82	76	82	78	73	61	69	61	61	57	47
12	89	89	75	97	92	82	91	84	65	89	88	75
13	72	88	77	80	94	91	82	87	80	85	79	76
14	94	90	92	79	87	79	62	77	77	76	81	77
15	90	89	89	81	97	82	76	84	70	76	78	78
16	87	90	86	83	92	83	67	75	70	74	78	73
17	83	82	87	97	92	84	77	72	74	78	80	75
18	66	83	81	83	88	79	86	81	71	81	83	79
19	94	84	84	92	93	90	91	92	90	92	88	95
20	74	84	91	84	84	81	74	84	78	78	80	77
21	89	89	82	86	87	84	75	68	70	80	83	81
22	72	86	76	89	93	84	72	81	80	82	85	81
23	77	90	76	82	91	88	70	81	77	84	72	80
24	78	91	89	78	93	90	80	83	81	96	93	87
25	82	86	80	87	93	95	89	91	88	94	93	86
26	95	91	91	73	86	91	65	85	87	92	84	84
27	87	90	89	80	87	84	63	78	77	80	74	75
28	79	84	82	79	90	81	69	73	73	75	71	78
29	65	78	70	84	87	79	74	81	77	80	73	79
30	71	73	70	81	84	83	67	74	78	76	73	74
31	63	73	52	82	80	74	71	69	70	73	67	74
MEANS	77	84	76	79	84	79	66	75	71	76	73	73
NORMAL	....	83	73	67	76	71	....	69	....	70	66	81

STATIONS	HIGHEST	TIME	DAY	LOWEST	TIME	DAY
SINJAR	99 %	0600	9th	38%	1200	5th
MOSUL	100	0000	27th	34	1200	3rd
KIRKUK	100	0600	27th	26	1200	3rd
RUTBAH	100	0600	25th	25	1200	10th
HABBANIYA	100	2100	22nd	33	1200	9th
BAGHDAD	100	1500	19th	37	1200	4th
NUKHAIB	100	1500	12th	27	0900	1st
HAI	100	0300	25th	38	1200	1&2nd
NAJAF	100	1200	19th	35	1200	8th
DIWANIYA	100	0600	25th	32	1200	10th
NASIRIYA	99	0000	16th	30	1200	7th
BASRAH	98	0600	24th	24	0900	11th

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TABLE 4 -a. درجات الحرارة العظمى و الصغرى اليومية (سنتغراد)

DAILY MAXIMUM AND MINIMUM TEMPERATURE (CO)

الايام	سنجار		موصل		كركوك		خانقين		رطبة	
	SINJAR		MOSUL		KIRKUK		KHANAQIN		RUTBAH	
	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DAYS	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	12.5	1.1	14.3	2.9	15.6	7.0	16.1	7.2	15.0	1.6
2	13.1	1.3	16.8	2.1	17.3	5.6	18.9	5.0	14.4	4.4
3	13.1	1.8	16.9	0.1	15.5	5.4	17.8	2.2	13.5	-0.7
4	12.6	2.0	15.2	-0.9	15.1	3.5	16.7	1.1	16.0	1.0
5	13.5	6.3	13.2	1.8	13.1	4.7	11.7	3.3	15.1	4.5
6	7.0	4.3	9.2	-0.8	12.0	2.1	15.0	-0.6	16.9	5.7
7	7.6	0.0	12.2	4.2	10.9	5.6	14.4	8.3	15.5	8.0
8	7.3	3.2	12.3	4.8	12.1	6.2	15.6	8.9	16.0	6.4
9	3.5	0.2	6.7	5.0	7.6	5.9	10.6	9.4	9.0	1.8
10	7.5	-1.2	10.8	3.0	9.9	1.4	10.6	1.1	8.0	-1.9
11	8.0	-0.8	10.7	0.3	7.5	0.9	8.3	-1.1	6.0	-C
12	4.3	0.2	6.1	2.3	7.5	1.8	10.6	2.8	4.0	2.0
13	7.6	1.2	8.5	4.0	9.8	2.8	8.9	5.5	7.5	0.8
14	4.5	2.1	6.8	4.2	6.6	2.9	10.6	5.0	10.2	-0.5
15	7.0	1.9	8.1	4.2	7.1	3.4	11.1	4.4	12.0	-0.4
16	7.8	1.0	10.5	4.0	8.6	2.9	12.8	1.6	11.5	3.5
17	6.6	0.8	11.2	3.4	7.3	4.2	11.1	5.0	6.5	2.8
18	6.6	1.1	10.8	-1.6	10.1	1.9	13.3	1.1	7.2	4.4
19	5.1	1.9	7.8	4.1	9.1	4.4	13.3	5.0	9.2	5.0
20	11.5	3.2	13.7	4.4	10.0	6.4	8.9	6.1	14.4	1.7
21	8.2	4.1	12.7	4.8	13.2	6.5	15.0	2.2	16.0	3.6
22	14.7	6.8	17.3	2.8	16.9	4.4	18.9	2.8	16.4	4.8
23	10.5	7.1	9.4	1.4	13.6	5.2	16.1	3.3	17.0	7.5
24	12.0	4.7	13.7	4.4	12.4	8.0	17.2	7.8	16.0	2.8
25	11.8	6.9	16.2	4.5	16.6	7.0	18.9	7.2	14.0	5.0
26	9.2	7.0	11.7	5.4	11.7	7.9	17.8	10.0	14.4	5.4
27	10.5	6.3	12.8	5.8	13.6	7.7	17.2	6.1	14.4	3.5
28	11.4	6.0	16.2	4.4	15.4	7.3	17.8	1.5	13.0	4.8
29	15.5	5.2	17.3	5.1	16.8	5.7	18.3	4.4	12.9	7.3
30	14.8	4.8	17.7	3.3	16.0	5.2	17.2	5.0	14.6	3.0
31	14.7	5.6	15.7	3.1	16.7	6.4	18.3	3.9	14.0	1.4
MEANS	9.7	3.3	12.3	3.1	12.1	4.8	14.5	4.5	12.7	3.2
DEPARTURE FROM NORMAL	...	...	-0.2	+1.1	-1.3	+0.5	-1.0	-0.2	-0.5	+2.0

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
SINJAR	15.5	29th	1965	-8.0	19th	1964
MOSUL	21.0	22nd	1953	-11.1	3rd	1925
KIRKUK	22.0	23rd	1963	-6.7	26th	1947
KHANAQIN	27.2	3&4th	1944	-6.7	7th	1942
RUTBAH	25.0	19th	1960	-14.4	6th	1942

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TABLE 4 -b. — (7)

درجات الحرارة العظمى و الصغرى اليومية (بالفهرنهايت)

DAILY MAXIMUM AND MINIMUM TEMPERATURES (°F)

	الحبانية		بغداد		نخيب		حج	
	HABBANIYA		BAGHDAD		NUKHAIB		HAI	
الايام	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DAYS	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	17.0	1.6	18.3	3.0	15.0	0.8	18.5	6.6
2	16.3	1.1	17.0	2.6	15.0	1.8	18.8	2.6
3	15.0	2.2	16.4	3.3	15.1	2.0	18.2	3.6
4	16.2	1.8	17.0	0.2	16.4	0.0	18.6	3.8
5	17.2	7.1	16.6	5.2	17.5	3.6	16.0	4.2
6	16.8	3.5	17.2	2.5	19.0	3.0	19.0	4.0
7	14.8	10.0	16.1	8.2	18.5	4.6	21.0	7.3
8	20.1	8.2	18.5	8.7	17.8	3.5	17.6	7.8
9	13.2	6.7	12.0	7.8	12.2	5.5	17.2	10.2
10	10.4	-1.0	11.2	-0.6	11.0	0.8	14.2	3.0
11	9.5	-1.6	10.3	-2.0	10.6	-1.0	10.3	-1.0
12	8.8	5.7	9.6	6.8	8.4	2.0	8.8	5.4
13	7.3	6.2	9.2	6.3	9.0	1.5	9.6	6.4
14	12.4	3.9	12.7	5.2	11.8	4.2	13.2	6.8
15	10.6	2.2	12.5	2.6	12.2	1.5	15.5	4.5
16	10.6	3.9	10.2	3.0	12.5	2.4	15.8	2.8
17	11.4	6.7	10.5	7.2	11.2	3.3	17.8	7.6
18	11.2	6.1	12.6	5.2	9.5	3.0	14.4	5.5
19	10.8	8.0	10.8	6.2	12.4	4.5	11.6	8.0
20	13.3	7.2	12.8	6.6	14.4	4.5	11.8	8.8
21	16.9	4.5	16.0	4.8	17.0	5.4	17.1	3.1
22	16.1	4.4	17.4	4.7	18.0	5.6	19.0	5.8
23	17.2	4.9	15.8	4.5	17.6	6.0	17.0	4.6
24	11.8	9.8	14.7	7.8	15.6	2.5	17.2	9.9
25	15.0	5.4	14.9	6.4	11.2	1.5	17.6	9.5
26	17.4	11.6	16.4	12.1	17.2	5.6	18.4	12.8
27	16.7	9.0	17.5	6.5	15.6	5.4	19.6	7.0
28	18.2	5.2	17.8	4.8	16.7	5.2	20.8	8.0
29	16.3	6.6	17.2	5.4	17.0	6.2	19.6	8.0
30	16.9	5.6	17.4	4.6	16.6	6.4	19.3	7.6
31	16.5	5.8	17.0	5.1	16.4	6.3	19.0	6.6
MEANS	14.3	5.2	14.7	5.0	14.8	3.5	16.5	6.2
DEPARTURE FROM NORMAL	-0.7	-0.9	-1.2	+1.2	...	...	-0.9	+1.0

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
HABBANIYA	25.1	28th	1941	-8.9	5&6&7	194
BAGHDAD	25.0	21st	1948	-8.5	20th	196
NUKHAIB	25.0	22nd	1963	-8.0	22nd	196
HAI	25.0	16th	1960	-8.2	20th	196

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TABLE 4 -C .

درجات الحرارة العظمى والصغرى اليومية (سنتغراد)

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

	نجف		ديوانية		ناصرية		بصرة	
	NAJAF		DIWANIYA		NASIRIYA		BASRAH	
الأيام	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DAYS	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	16.4	2.8	18.4	3.8	16.8	2.1	16.4	5.5
2	16.0	1.0	18.1	3.0	16.3	2.9	18.2	4.4
3	15.7	1.3	17.0	3.8	17.9	3.3	18.5	5.7
4	16.4	3.7	17.4	5.0	17.7	1.5	19.3	5.3
5	18.4	2.8	17.9	3.1	16.2	1.4	18.2	3.0
6	18.4	2.0	19.8	3.9	17.3	4.2	18.2	5.6
7	17.9	6.0	18.5	6.6	21.4	7.3	21.9	7.8
8	21.0	6.4	20.0	7.5	19.8	7.7	20.2	12.5
9	12.7	5.5	13.8	8.0	18.3	11.7	19.3	14.5
10	11.2	-0.4	13.0	1.0	14.2	3.1	13.2	7.6
11	11.5	-2.2	13.5	-1.5	13.2	-1.8	14.0	0.8
12	9.2	1.0	9.5	5.8	12.6	6.9	17.9	8.3
13	9.8	5.5	10.0	5.0	10.3	7.2	13.4	9.0
14	14.0	1.8	15.0	2.6	13.8	5.9	13.0	7.5
15	12.7	1.5	14.0	2.4	14.4	1.8	15.8	3.9
16	13.4	1.5	14.7	2.6	14.5	3.1	17.0	3.5
17	14.0	3.8	16.5	6.6	13.8	8.9	14.3	7.5
18	12.6	3.0	14.0	7.0	13.7	3.7	13.9	4.7
19	13.2	2.0	13.5	8.0	15.4	7.9	16.7	8.2
20	13.4	7.4	14.0	8.1	13.8	8.1	15.6	9.0
21	17.2	5.6	19.0	4.0	15.6	4.1	15.6	4.1
22	16.2	5.0	19.2	6.5	17.2	4.3	18.3	3.8
23	18.0	6.4	17.8	6.9	18.8	5.8	20.0	5.1
24	12.2	5.2	12.6	7.6	13.9	5.6	20.5	9.6
25	13.4	7.0	14.3	7.0	13.9	9.2	20.5	12.7
26	16.4	7.2	15.9	8.4	19.3	12.2	20.7	15.5
27	16.5	5.0	19.1	4.2	18.7	6.3	19.5	9.7
28	17.3	8.5	19.5	3.0	19.4	9.7	16.8	11.6
29	17.5	8.0	19.1	7.9	18.9	9.8	16.0	11.4
30	16.6	5.5	18.2	7.0	18.9	7.2	20.2	8.7
31	16.7	5.0	18.4	7.3	18.8	6.5	18.5	7.3
MEANS	15.0	4.0	16.2	5.2	16.3	5.8	17.5	7.4
DEPARTURE FROM NORMAL	...	...	-0.8	+1.7	-1.7	+0.2	-0.8	+0.3

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
NAJAF	24.4	15th	1963	-7.2	20th	1964
DIWANIYA	25.5	28th	1948	-8.3	29th	1950
NASIRIYA	29.3	16th	1960	-7.2	8th	1942
BASRAH	28.6	2nd	1961	-4.7	22nd	1964

TABLE 5. المعدل الشهري لدرجات الحرارة للبصلة المبللة (سنتغراد)
MONTHLY MEAN DRY - BULB TEMPERATURES (C°)

STATIONS	TIME - G.M.T. 0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	....	4.8	5.6	7.6	8.8	7.5	6.3	....	6.8
MOSUL	4.9	4.4	5.2	9.5	11.5	9.3	7.0	5.7	7.2
KIRKUK	6.3	6.3	7.6	10.8	14.4	9.5	7.9	7.2	9.4
KHANAQIN	....	6.5	8.6	12.5	15.6	14.7	9.3	....	10.4
RUTBAH	5.1	4.1	5.6	10.3	12.0	9.7	7.3	5.9	7.5
HABBANIYA	6.7	5.6	7.0	12.1	14.6	11.2	8.6	7.8	9.5
BAGHDAD	7.3	6.4	7.8	12.1	15.3	12.2	9.7	8.5	9.8
NUKHAIB	....	....	6.1	11.4	13.5	12.9	....	....	10.8
HAI	8.0	6.8	8.7	14.7	16.1	12.8	10.4	....	11.1
NAJAF	6.5	4.9	7.2	12.7	14.7	13.0	10.1	8.7	9.7
DIWANIYA	7.2	6.3	8.6	14.2	16.7	13.8	10.3	8.5	10.5
NASIRIYA	8.2	7.0	8.7	14.1	15.0	14.2	11.3	9.7	11.2
BASRAH	9.7	8.6	10.8	15.4	16.8	13.9	12.0	10.7	12.2

TABLE 6. معدل الضغط البخاري الشهري (ملليبار)
MONTHLY MEAN VAPOUR - PRESSURE (MILLIBARS)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	....	7.0	7.4	7.9	7.8	7.7	7.7	....	7.6
MOSUL	8.0	7.7	7.8	8.7	8.9	9.4	8.8	8.2	8.4
KIRKUK	7.9	7.8	8.2	8.4	8.5	8.9	8.4	7.9	8.3
KHANAQIN	....	7.4	8.7	9.1	9.2	9.1	8.8	....	8.7
RUTBAH	7.9	7.5	7.8	8.5	8.1	8.4	8.5	8.2	8.1
HABBANIYA	9.1	8.7	8.6	10.4	10.2	10.5	10.0	9.5	9.6
BAGHDAD	9.1	9.0	8.8	10.0	10.0	10.1	9.8	9.3	9.5
NUKHAIB	....	....	7.4	8.5	8.8	9.3	....	....	8.5
HAI	9.1	8.9	9.5	10.7	13.7	10.4	9.8	....	10.3
NAJAF	7.7	7.4	8.2	9.6	9.7	9.5	9.0	8.4	8.7
DIWANIYA	8.8	8.5	9.4	10.5	10.2	10.2	9.9	9.2	9.5
NASIRIYA	8.9	8.6	8.9	10.3	10.2	10.4	10.0	9.4	9.6
BASRAH	9.9	9.6	10.2	10.8	10.2	11.1	11.0	10.5	10.4

TABLE 7. المعدل الشهري لدرجة الحرارة الرطبة
MONTHLY MEAN WET-BULB TEMPERATURES (C°)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	....	3.5	4.3	5.6	6.4	5.7	4.7	....	5.1
MOSUL	4.4	3.8	4.4	7.6	8.5	7.7	6.1	5.0	6.0
KIRKUK	5.0	5.0	5.0	7.8	8.2	7.4	6.3	5.6	6.4
KHANAQIN	....	4.9	6.6	9.1	9.8	8.7	7.3	....	7.7
RUTBAH	4.4	3.6	4.7	7.6	8.3	7.3	6.1	5.1	5.9
HABBANIYA	6.1	5.1	6.4	9.7	10.6	9.4	7.6	6.8	7.7
BAGHDAD	7.0	6.0	6.9	9.7	10.5	9.6	8.3	7.2	8.2
NUKHAIB	....	....	4.5	8.3	9.4	9.3	....	....	7.8
HAI	6.8	6.3	7.5	11.2	11.8	10.2	8.6	....	8.9
NAJAF	5.1	3.8	6.0	9.6	10.5	9.6	8.1	6.7	7.4
DIWANIYA	6.1	5.5	7.5	10.9	11.4	10.2	8.5	7.2	8.5
NASIRIYA	6.8	5.9	7.0	10.7	11.9	10.9	9.2	8.0	8.8
BASRAH	8.2	7.4	9.0	11.4	11.9	11.4	10.0	9.1	9.8

TABLE 8. المعدل الشهري لدرجة الندى (سنتغراد)
MONTHLY MEAN DEW-POINT (C°)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	....	1.5	2.4	3.3	3.2	3.2	2.9	....	2.8
MOSUL	3.8	3.1	3.3	4.9	5.2	5.8	5.0	4.1	4.4
KIRKUK	3.1	2.9	3.7	4.1	4.1	4.8	4.0	3.3	3.8
KHANAQIN	....	3.2	4.1	5.3	5.4	5.2	5.0	....	4.7
RUTBAH	3.3	2.7	3.3	4.2	3.5	4.2	4.4	3.8	3.7
HABBANIYA	5.4	4.7	5.5	7.3	7.0	7.4	6.7	5.9	6.5
BAGHDAD	6.0	5.0	5.5	6.7	6.3	6.8	6.5	5.8	6.1
NUKHAIB	....	....	2.2	4.3	4.8	5.6	....	....	4.2
HAI	5.4	5.0	6.0	7.7	7.3	7.3	6.5	....	6.5
NAJAF	2.9	2.3	3.9	6.0	5.8	5.8	5.1	4.1	4.5
DIWANIYA	4.8	4.3	5.7	7.6	6.8	6.9	6.3	5.4	5.3
NASIRIYA	4.9	4.3	4.9	7.2	7.0	7.2	6.7	5.8	6.0
BASRAH	6.5	5.9	6.8	7.1	6.7	8.0	7.5	7.4	7.0

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TABLE - 9 . — المعدل الشهري للرطوبة النسبية

MONTHLY MEAN RELATIVE HUMIDITY (%)

T I M E - G . M . T .

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	"	83	81	77	71	75	80	"	78
MOSUL	92	91	88	74	67	80	87	89	84
KIRKUK	83	81	79	67	65	76	78	78	76
KHANAQIN	"	80	74	63	59	65	74	"	69
RUTBAH	89	91	86	68	58	70	83	87	79
HABBANIYA	99	94	91	74	64	79	88	88	85
BAGHDAD	89	88	86	69	60	71	84	85	79
NUKHAIB	"	"	71	64	57	66	"	"	65
HAI	85	90	83	64	58	71	78	"	76
NAJAF	79	82	79	65	58	64	74	74	72
DIWANIYA	86	87	82	65	58	68	85	82	74
NASIRIYA	81	84	78	65	57	65	74	78	73
BASRAH	81	83	77	59	53	67	73	81	73

TABLE -10 — المعدل الشهري للضغط الجوي على ارتفاع مستوى سطح البحر

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

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	"	17.4	18.0	17.6	16.3	17.4	17.4	"	17.3
MOSUL	17.9	18.0	18.7	18.0	16.2	17.0	17.8	17.8	17.7
KIRKUK	17.0	16.9	17.7	17.0	15.9	16.6	17.1	17.2	16.4
KHANAQIN	"	16.1	18.0	17.0	15.4	16.1	17.4	"	17.0
RUTBAH	15.6	16.1	17.0	16.7	14.9	15.5	16.3	16.0	16.0
HABBANIYA	15.9	16.2	17.3	16.4	15.7	15.5	16.3	16.9	16.3
BAGHDAD	16.2	16.2	17.5	17.0	15.3	15.8	16.5	16.1	16.3
NUKHAIB	"	"	17.3	16.9	15.2	14.9	"	"	15.1
HAI	16.0	16.1	17.1	16.6	15.2	15.6	16.4	"	16.1
NAJAF	16.1	16.0	17.3	16.6	15.3	15.0	16.2	16.0	16.1
DIWANIYA	16.4	16.6	17.9	17.0	15.5	16.3	16.7	16.7	16.6
NASIRIYA	15.9	16.0	17.3	16.6	15.0	15.4	15.3	16.2	16.1
BASRAH	16.9	17.0	18.1	17.3	15.9	16.2	17.2	17.2	17.0

TABLE -11. — المعدل الشهري للغيم الواطئ (الركامي)

MONTHLY MEAN LOW CLOUD AMOUNT (OKTAS)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	"	3.4	2.7	4.3	4.8	4.1	2.6	"	3.7
MOSUL	3.3	3.5	3.8	4.1	4.0	3.5	2.9	3.0	3.5
KIRKUK	4.0	4.0	3.7	4.4	4.7	4.2	3.6	3.2	4.0
KHANAQIN	"	3.8	3.9	4.6	5.1	4.9	3.7	"	4.3
RUTBAH	2.4	2.8	2.8	2.9	3.9	3.6	2.5	2.0	2.8
HABBANIYA	1.8	1.9	3.1	2.0	2.6	1.7	1.1	1.3	1.9
BAGHDAD	1.2	1.3	1.6	1.8	2.7	1.7	1.0	1.1	1.6
NUKHAIB	"	"	2.0	1.8	2.5	2.3	"	"	2.2
HAI	1.1	2.0	1.5	1.6	2.5	1.6	0.5	"	1.5
NAJAF	1.0	1.2	1.7	2.1	2.2	1.7	1.2	1.1	1.5
DIWANIYA	1.4	1.4	2.0	1.9	2.4	2.1	0.7	0.9	1.6
NASIRIYA	1.4	2.2	2.8	2.3	2.1	2.4	1.2	1.4	2.0
BASRAH	1.3	1.4	2.1	2.3	2.2	1.9	0.9	0.7	1.6

TABLE-12. — المعدل الشهري للمجموع الكلي للغيم

MONTHLY MEAN TOTAL CLOUD AMOUNTS (OKTAS)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	"	4.8	5.1	5.6	5.8	5.7	4.6	"	5.3
MOSUL	4.9	4.8	5.2	5.6	5.6	5.1	4.0	4.5	5.0
KIRKUK	4.4	4.5	4.3	5.5	5.4	4.7	4.1	3.9	4.6
KHANAQIN	"	3.8	4.6	5.6	5.7	5.9	4.0	"	4.9
RUTBAH	4.4	4.5	4.8	4.6	5.2	5.0	3.8	4.1	4.6
HABBANIYA	4.1	3.9	5.9	4.6	4.3	4.3	3.3	3.2	4.2
BAGHDAD	3.3	3.8	4.8	5.0	5.0	4.2	3.3	3.0	4.2
NUKHAIB	"	"	4.3	4.1	4.2	4.3	"	"	4.1
HAI	2.6	3.8	4.7	5.1	5.1	4.5	2.8	"	4.1
NAJAF	1.8	2.3	4.2	4.8	4.9	3.8	2.7	2.2	3.3
DIWANIYA	2.3	2.8	4.1	4.4	4.2	3.6	2.4	2.0	3.2
NASIRIYA	2.5	3.4	4.6	5.2	5.1	4.2	2.4	2.7	3.7
BASRAH	2.9	3.3	4.5	5.1	5.6	5.3	3.3	2.7	4.1

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TABLE 13-a. — عدد تكرار رصدات الرياح السطحية

SURFACE - WIND , NUMBER OF OBSERVATIONS OF:

STATIONS المحطة	TIME GMT. وقت غرينتش	DIRECTION الاتجاه N	NE	E	SE	S	SW	W	NW	CALM سكون	SPEED IN KNOTS السرعة بالعقد 1-10	11-21	22-33	34+	MEAN V.K. السرعة المتوسطة بالعقد
SINJAR سنجار	0300	8	1	13	0	0	0	1	2	6	23	2	0	0	5
	0600	3	3	12	0	1	0	1	0	12	18	1	0	0	5
	0900	1	1	17	0	5	0	2	0	5	23	3	0	0	6
	1200	0	0	16	1	5	0	2	0	6	22	3	0	0	6
	1500	1	2	19	0	1	0	1	1	6	24	1	0	0	4
	1800	8	1	14	0	0	0	1	1	6	24	1	0	0	4
	TOTAL	21	8	91	1	12	0	8	4	41	134	11	0	0	5
MOSUL موصل	0000	1	0	5	3	1	0	6	5	10	18	3	0	0	5
	0300	1	0	3	4	3	1	4	5	12	18	1	0	0	4
	0600	0	1	5	3	3	0	7	6	5	23	3	0	0	5
	0900	1	0	9	1	7	0	5	6	1	25	5	0	0	6
	1200	1	3	7	5	4	0	4	4	4	21	6	0	0	6
	1500	3	1	6	1	6	0	4	5	5	25	1	0	0	5
	1800	3	1	1	7	3	0	5	3	9	19	3	0	0	4
	2100	1	0	3	5	4	0	5	5	8	22	1	0	0	4
	TOTAL	11	6	39	28	30	1	40	39	54	171	23	0	0	4
KIRKUK كركوك	0000	0	13	4	2	1	0	0	0	11	17	3	0	0	4
	0300	0	10	3	2	0	0	0	0	16	13	2	0	0	4
	0600	0	7	4	1	0	1	0	0	18	13	0	0	0	3
	0900	0	4	3	5	6	0	0	0	13	16	2	0	0	4
	1200	2	2	2	4	4	0	0	0	13	16	1	1	0	4
	1500	1	3	4	2	1	0	0	0	20	10	1	0	0	2
	1800	0	9	6	2	0	0	0	0	14	14	2	1	0	4
	2100	0	13	4	4	0	0	1	0	7	19	2	3	0	6
	TOTAL	3	63	30	22	12	1	5	0	112	118	13	5	0	4
KHANAQIN خانقين	0300	0	0	15	0	4	0	0	0	12	17	1	1	0	3
	0600	0	0	8	0	7	0	2	0	14	14	1	2	0	3
	0900	0	0	3	1	11	0	1	2	13	13	2	3	0	4
	1200	2	0	1	0	11	0	3	3	7	19	2	3	0	4
	1500	0	1	3	1	8	0	4	2	12	16	1	2	0	3
	1800	0	0	10	1	5	0	4	0	14	14	1	2	0	3
	TOTAL	2	1	40	3	46	0	15	7	72	93	8	13	0	3
RUTBAH رطبة	0000	1	1	3	3	3	3	6	1	10	16	5	0	0	3
	0300	0	0	5	0	3	3	5	2	11	17	3	0	0	3
	0600	0	0	3	4	5	5	6	0	8	16	5	0	0	4
	0900	0	1	3	3	5	4	11	1	3	22	6	0	0	5
	1200	1	2	2	2	3	6	10	3	2	25	4	0	0	5
	1500	7	3	4	3	1	2	8	1	2	26	2	1	0	5
	1800	4	2	4	4	3	1	4	5	4	25	2	0	0	5
	2100	1	1	3	5	1	3	4	1	12	13	6	0	0	5
	TOTAL	14	10	27	24	24	29	54	14	52	162	33	1	0	5

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TABLE 13-د. — عدد تكرار رصدات الرياح السطحية

SURFACE - WIND NUMBER OF OBSERVATIONS OF:

المحطة STATIONS	وقت التسجيل TIME GMT.	الاتجاه DIRECTIONS N	NE	E	SE	S	SW	W	NW	CALM هادئ	السرعة بالعقد SPEED IN KNOTS 1-10	11-21	22-33	34+	معدل السرعة بالعقد MEAN V.K.
حبانية HABBANIYA	0000	2	1	1	2	1	1	4	1	13	9	3	1	0	5
	0300	0	1	3	3	1	1	5	1	10	11	2	1	0	5
	0600	0	1	3	2	1	2	3	1	12	10	3	1	0	5
	0900	0	1	0	6	2	1	10	2	8	13	3	4	0	8
	1200	1	1	1	6	1	1	8	0	8	13	10	1	0	7
	1500	2	1	3	3	0	0	3	5	14	12	5	1	0	6
	1800	1	2	1	2	2	0	1	1	21	7	1	2	0	4
	2100	1	1	1	3	1	1	1	2	23	6	4	1	0	4
	TOTAL	7	9	13	25	9	7	40	23	119	90	29	13	0	6
بغداد BAGHDAD	0000	0	1	1	9	0	1	2	4	13	14	3	1	0	5
	0300	0	1	0	7	2	0	2	3	10	10	4	1	0	5
	0600	0	1	1	8	1	1	4	3	12	13	5	1	0	6
	0900	0	1	0	7	1	1	2	1	12	16	6	2	0	6
	1200	1	1	1	8	1	2	5	2	7	20	5	3	0	7
	1500	0	1	1	9	0	1	4	6	8	18	4	2	0	6
	1800	1	2	1	7	0	2	2	6	10	16	5	1	0	6
	2100	0	2	0	10	1	1	1	3	13	11	6	1	0	5
	TOTAL	2	10	5	65	6	9	22	29	80	118	38	12	0	7
نخيب NUKHAIB	0600	5	2	4	3	4	1	5	0	6	17	7	1	0	8
	0900	7	0	5	2	7	2	2	3	2	20	7	1	0	8
	1200	7	0	3	1	9	0	4	1	6	17	7	1	0	8
	1500	7	0	5	2	5	3	3	1	5	20	6	0	0	8
	TOTAL	27	2	17	8	25	6	14	5	20	74	27	3	0	8
حي HAI	0000	1	0	8	0	2	0	4	2	14	13	4	0	0	5
	0300	1	0	7	0	2	0	5	2	12	11	5	1	0	5
	0600	1	1	7	2	2	2	5	1	9	15	7	0	0	6
	0900	0	0	7	5	2	0	10	2	5	19	7	0	0	7
	1200	2	0	5	2	2	2	8	3	3	16	8	0	0	7
	1500	2	1	6	3	1	0	3	3	11	14	6	0	0	6
	1800	5	2	4	2	0	0	6	2	9	17	5	0	0	6
	TOTAL	13	4	44	13	11	4	44	15	69	105	42	1	0	6
نجف NAJAF	0000	12	2	2	0	3	0	0	6	6	23	2	0	0	4
	0300	13	3	1	3	0	0	0	5	6	22	2	1	0	4
	0600	11	2	3	1	2	0	0	6	6	21	4	0	0	5
	0900	15	3	2	1	4	0	0	2	1	25	3	0	0	5
	1200	16	2	4	3	1	0	0	3	2	24	5	0	0	5
	1500	11	2	2	3	3	0	0	5	5	21	5	0	0	5
	1800	11	3	3	3	1	1	1	3	5	24	2	0	0	5
	2100	12	2	3	1	4	0	0	6	3	26	1	1	0	5
	TOTAL	101	19	20	15	18	1	3	35	36	186	24	2	0	5

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TABLE 13-c. — عدد تكرار رصدات الرياح السطحية

SURFACE = WIND. NUMBER OF OBSERVATIONS OF:

STATIONS	TIME GMT. وقت غرينتش	DIRECTIONS الاتجاه N	NE	E	SE	S	SW	W	NW	CALM	SPEED IN KNOTS السرعة بالعقد 1-10	11-21	22-33	34	MEAN V.F. معدل السرعة اليومية
DIWANIYA ديوانية	0000	3	1	7	3	1	1	5	0	10	17	4	0	0	4
	0300	4	1	4	1	1	1	6	0	13	14	4	0	0	5
	0600	3	0	3	3	3	0	8	1	10	18	2	1	0	5
	0900	5	0	0	4	3	1	7	2		9	14	6	2	0	7
	1200	5	0	2	4	1	1	0	8	5	6	16	7	2	0	8
	1500	7	0	3	4	1	0	3	3	10	15	5	1	0	0	5
	1800	3	1	3	4	3	0	2	2	13	14	4	0	0	4
	2100	1	0	3	3	2	1	6	0	15	14	2	0	0	3
	TOTAL	31	3	25	26	15	4	45	13	86	122	34	6	0	5
NASIRIYA ناصرية	0000	2	0	0	7	2	2	7	4	7	21	3	0	0	4
	0300	3	0	1	6	5	5	3	2	6	21	4	0	0	4
	0600	1	0	0	5	3	3	8	5	6	21	4	0	0	5
	0900	1	0	0	6	3	4	9	6	2	20	8	1	0	7
	1200	0	0	2	7	1	3	3	12	3	22	6	0	0	7
	1500	3	0	1	7	1	1	4	6	8	20	3	0	0	5
	1800	3	0	1	5	2	1	4	7	8	19	4	0	0	4
	2100	1	1	1	6	5	1	3	7	6	23	2	0	0	4
	TOTAL	14	1	6	49	22	20	41	49	46	167	34	1	0	5
BASRAH بصرة	0000	3	4	3	3	5	1	5	5	2	25	4	0	0	5
	0300	2	5	1	4	5	2	6	5	1	28	2	0	0	5
	0600	6	2	1	5	3	2	9	3	0	26	5	0	0	6
	0900	9	1	1	6	1	4	7	7	0	20	9	1	0	8
	1200	6	3	0	3	5	3	3	8	1	21	9	1	0	8
	1500	3	0	1	3	6	0	3	12	1	22	6	1	0	5
	1800	5	2	1	3	6	2	1	9	1	23	4	2	0	5
	2100	6	2	1	2	7	2	3	6	1	25	4	0	0	5
	TOTAL	40	19	9	24	43	13	34	55	11	190	43	4	0	6

TABLE 14. — اعلى سرعة رياح خلال ساعة

HIGHEST WIND-SPEED, DURING ONE HOUR.

STATIONS	HIGHEST WIND - SPEED DURING ONE HOUR (V.K.)	DIRECTION	TIME GMT.	DAY
SINJAR	18 Knots	360	0300	20th
MOSUL	18	090	0900	20th
KIRKUK	30	130	2100	19th
KHANAQIN	35	180	1800	19th
RUTBAH	30	270	1500	8th
HABBANIYA	38	120	1200	19th
BAGHDAD	32	140	1200	12th
NUKHAIB	30	140	0900	19th
HAI	22	090	0300	26th
NAJAF	22	340	0300	20th
DIWANIYA	26	120	1200	12th
NASIRIYA	23	140	0900	19th
BASRAH	27	160	0900	26th

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TABLE 15 -a.

الهطول المطري (ملليمترات)

DAILY PRECIPITATION (MILLIMETERS)

الايام	سنجار	موصل	كركوك	خانقين	رطبة	حبانية	بغداد
DAYS	SINJAR	MOSUL	KIRKUK	KHANAQIN	RUTBAH	HABBANIYA	BAGHDAD
1							
2							
3							
4					tr		
5							
6	5.9	13.7	19.2	0.2		tr	1.1
7	1.5	1.9	3.5	3.8	tr		tr
8	2.9	18.4	6.0	1.8	tr	tr	4.0
9	2.7	2.0	2.5	12.8			
10					tr		
11		0.6	3.9		4.2	2.2	1.7
12	2.3	9.7	3.1	0.8	5.2	25.1	24.6
13	1.5	4.0	13.3	20.0		1.0	0.2
14	2.7	0.9	12.5	4.2			tr
15	0.3	tr	0.7	2.0			
16		5.1	4.4		0.2	1.7	tr
17				6.2	tr		tr
18		tr	0.6		20.2	8.8	8.5
19	21.8	17.7	45.0	21.9	13.6	9.1	15.0
20	0.1		0.2	10.0	tr		
21							
22					1.0		
23	2.1	10.0	0.8	0.6			
24			tr				
25		24.0	18.5		tr	0.2	3.1
26	18.9	4.7	20.7	10.7			0.1
27		1.4	7.0		tr		
28	0.3				2.2		
29					10.0		
30	5.3						
31							
TOTAL	68.3	114.1	161.9	95.2	56.6	48.1	58.3
NORMAL	87.8	70.1	58.1	64.4	15.8	20.8	24.5

STATIONS	HIGHEST AMOUNT OF RAIN IN ONE DAY		DAY	YEAR
SINJAR	91.0	mms.	2nd	1942
MOSUL	37.5		13th	1933
KIRKUK	48.1		2nd	1961
KHANAQIN	67.1		20th	1961
HABBANIYA	36.2		27th	1940
RUTBAH	21.0		7th	1962

JANUARY 1965. TABLE 16. كانون الثاني ١٩٦٥ (20) درجات الحرارة للعشب و التربة

DAILY GRASS MINIMUM TEMPERATURE C° , AND SOIL TEMPERATURE C° at 0.3 & 1.2 Meter. اليومية (صغرى)

STATION: MOSUL		KIRKUK			HABBANIYA			BAGHDAD			NAJAF		NASIRIYA			BASRAH
DAYS	0.3M	GRASS	0.3M	1.2M	GRASS	0.3M	1.2M	GRASS	0.3M	1.2M	0.3M	1.2M	GRASS	0.3M	1.2M	GRASS
1	7.6	5.1	10.4	16.3	-0.6	12.8	18.9	-0.5	11.3	19.6	10.2	17.9	1.6	12.9	20.1	-3.0
2	7.4	3.0	10.7	16.2	-1.1	12.8	18.9	-1.1	11.5	19.5	10.0	17.7	1.3	13.1	25.6	-1.8
3	7.4	2.5	10.6	16.3	1.0	12.9	18.7	0.8	11.5	19.5	10.0	16.5	2.7	12.8	20.0	-1.7
4	7.0	-0.4	10.2	16.2	-0.8	12.8	18.5	-4.0	11.0	19.3	10.2	17.7	1.0	12.8	20.0	-1.9
5	7.6	2.3	10.1	16.1	4.4	13.2	18.5	3.5	11.4	19.3	10.6	17.5	0.7	12.9	19.8	-2.0
6	7.2	-1.2	10.0	16.2	1.1	13.4	18.4	-1.2	11.6	19.3	10.4	17.8	3.0	13.3	19.8	0.6
7	7.2	5.5	10.1	16.0	8.9	13.9	18.4	7.3	12.8	19.1	12.3	17.7	7.0	14.0	19.5	1.7
8	7.4	5.5	10.1	15.8	8.5	14.2	18.4	7.5	13.0	19.1	12.8	17.5	7.0	14.3	19.5	3.9
9	7.6	5.2	10.2	15.9	6.5	14.5	18.4	7.7	13.3	18.9	12.6	17.8	10.7	15.0	19.5	9.6
10	7.8	-2.0	10.0	15.8	-3.9	13.9	18.4	-4.4	10.7	19.0	10.0	17.8	1.3	14.3	19.5	5.4
11	6.8	-5.0	9.3	15.6	-4.3	12.9	18.4	-5.8	9.9	19.0	10.6	17.8	-2.4	12.7	19.6	-5.2
12	6.9	1.3	8.9	15.5	0.6	12.6	18.4	4.5	10.6	18.9	10.7	17.6	5.9	12.9	19.5	6.3
13	7.1	2.2	8.9	15.5	5.0	11.8	18.3	5.4	10.6	18.8	9.8	17.5	6.0	13.0	19.5	6.9
14	7.0	2.4	8.9	15.4	-0.6	11.5	18.1	2.3	10.5	18.8	8.5	17.2	5.3	12.6	19.4	5.0
15	6.8	2.0	8.5	15.0	-1.1	11.6	17.9	-1.2	10.6	18.6	10.2	17.9	1.1	12.2	19.4	-0.7
16	7.0	0.9	8.8	14.9	1.4	11.5	17.8	-1.2	10.1	18.6	7.6	16.8	0.8	12.1	19.3	-1.9
17	7.3	3.6	8.9	14.5	6.1	11.6	17.7	5.0	10.5	18.5	9.6	16.7	7.5	12.9	19.1	3.1
18	7.1	-0.4	8.8	14.6	4.5	11.7	17.7	3.2	10.6	18.5	10.8	17.7	2.9	12.7	19.1	1.0
19	7.0	2.5	8.9	14.4	7.2	11.8	17.7	5.6	11.2	18.3	10.8	16.5	7.2	13.0	19.0	1.6
20	7.3	6.1	7.6	10.3	5.6	11.9	17.2	6.2	11.0	18.3	9.8	16.4	7.9	12.9	19.0	6.4
21	8.2	4.0	8.8	11.8	3.0	12.0	17.3	3.6	11.0	18.3	9.5	16.1	2.3	12.2	18.9	-0.5
22	7.8	1.6	9.4	12.7	1.6	12.2	17.2	2.0	11.4	18.1	10.4	16.0	4.1	12.8	18.8	-0.4
23	8.0	1.4	9.5	12.8	3.4	12.6	17.1	1.6	11.8	18.2	11.0	16.0	5.2	13.2	18.8	1.4
24	8.2	6.0	9.9	13.1	7.2	12.8	17.0	6.5	12.0	18.0	11.0	15.8	5.3	13.9	18.8	9.1
25	8.2	4.2	10.0	13.3	3.4	12.8	17.0	3.2	12.2	18.0	10.7	16.9	9.1	13.9	18.5	9.8
26	8.0	4.5	10.5	13.4	12.0	13.4	17.1	8.3	13.4	18.0	10.8	16.9	12.2	14.0	18.6	12.2
27	8.2	4.9	10.5	13.3	5.6	13.6	16.9	4.5	12.4	18.1	10.7	16.8	5.4	14.5	18.5	5.7
28	8.5	4.5	10.8	13.3	3.4	13.6	17.0	4.2	12.5	18.2	11.4	15.9	8.4	14.8	18.5	7.3
29	8.8	2.8	11.0	13.4	3.9	13.8	17.1	3.3	12.5	18.3	11.2	16.0	7.9	15.5	18.6	7.8
30	9.0	2.1	10.9	13.8	3.2	13.9	17.1	3.6	12.2	18.1	11.3	16.2	6.3	15.1	18.5	5.3
31	8.8	3.2	10.8	13.8	3.6	13.8	17.1	4.6	12.3	18.1	11.2	16.3	5.7	15.0	18.5	0.9
MEANS	7.6	2.6	9.7	14.6	3.1	12.8	17.8	2.8	11.6	18.7	10.5	17.0	4.9	13.5	19.4	2.7

JANUARY 1965 . TABLE - 17.

CLIMATOLOGICAL SUMMARY الملخصات المناخيـــــة

NUMBER OF DAYS FOR THE CASES OF PHENOMENA : عدد الايام التي حدثت فيها الظواهر الجوية :

STATIONS	RAIN	SNOW	HAIL	THUNDER STORM	FOG	MIST	HAZE	RISING DUST	SUSPENDED DUST	DUST STORM	GROUND FROST	STATE OF SKY CLEAR	STATE OF SKY CLOUDY
SINJAR	13	1	0	0	0	0	0	0	0	0	3	3	10
MOSUL	14	0	0	1	3	9	0	0	0	0	3	3	10
KIRKUK	17	0	0	0	0	11	1	1	2	0	3	7	11
KHANAQIN	13	0	0	2	0	0	0	0	0	0	2	7	14
RUTBAH	8	0	0	1	5	5	1	0	0	1	5	3	8
HABBANIYA	7	0	0	0	10	19	1	3	3	0	4	6	8
BAGHDAD	8	0	0	1	7	17	8	1	3	0	7	6	7
NUKHAIB	5	0	0	0	0	2	0	1	0	0	1	4	9
HAI	8	0	0	1	1	7	0	1	0	0	1	5	6
NAJAF	4	0	0	0	2	2	0	1	1	0	2	8	7
DIWANIYA	6	0	0	0	1	3	0	2	0	0	1	10	4
NASIRIYA	6	0	0	2	5	14	4	3	7	1	1	6	5
BASRAH	7	0	0	3	5	11	1	4	1	0	8	3	4

TABLE - 18.

DURATION OF SUNSHINE مدة سطوع الشمس

STATION	MONTHLY TOTAL SUNSHINE HOURS	MAX. SUNSHINE DURING ONE DAY HOURS	MAX. SUNSHINE DURING ONE DAY DAY	NO. OF DAYS WITHOUT SUNSHINE
MOSUL	141.0	10.2	31st	5
HABBANIYA	163.7	9.8	22&31	6
BAGHDAD	147.7	9.2	27th	6
BASRAH	156.4	9.4	21,22&30	5

الجمهورية العراقيـــــه

وزارة المواصـــلات

مصلحة الطيران المدني العامـــــه

مفتشية الأنواء الجوية العامـــه

شعبة المنـــاخ

بغـــداد

= = = =

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 لشهر شباط ١٩٦٥

مجلد ٢٨ عدد (٢) شباط ١٩٦٥

MONTHLY CLIMATOLOGICAL DATA FOR FEBRUARY 1965

VOLUME 28, No. (2), F E B R U A R Y 1965.

اعداد و تنظيم و طبع و توزيع من قبل شعبة المنـــاخ

PREPARED, ARRANGED, PRINTED & DISTRIBUTED BY

CLIMATOLOGICAL SECTION

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شباط ١٩٦٥

تميز جو العراق في هذا الشهر بقلة هطول الامطار ففي المنطقة الشمالية كان الجو متقلبا بين الغائم و الغائم جزئيا مع هطول الامطار المصحوبة احيانا بزوابع رعدية . بينما كان الجو في المنطقتين الوسطى و الجنوبية متغيرا بين الغائم جزئيا و الصاحي مع تصاعد غبار محلي و احيانا حدوث زوابع رعدية و شحة في هطول الامطار .

درجات الحرارة :- كانت معدلات درجات الحرارة اليومية و العظمى و الصغرى مساوية او اكثر بقليل عن معدلاتها و لم تسجل ارقام قياسية جديدة بل بقيت كالسابق .

الامطار :- كانت الامطار شحيحة و اقل من معدلاتها بكثير في معظم انحاء العراق .

الرياح :- كانت الرياح في الغالب غربية الى شمالية معتدلة السرعة في الجو المعتدل و تتحول الى جنوبية الى جنوبية شرقية نشطة السرعة في الغبار .

FEBRUARY 1965

The weather of this month was remarked by shortage of rainfall in all the Country .

In Northern Area the weather changing between cloudy and partly cloudy with rainfall accompanied some times with Thunderstorms .

While in both Central and Southern Areas the weather was changing between partly cloudy and fine . But some times rising dust and dustatorms and rarely rainfall .

Temperatures : - The mean daily temperature and mean maximum and minimum temperature were equal or little above the normal . The records remained as before .

Reinfall :- It was few and too below the normal in most districts of Iraq .

Wind :- It was in most casee Westerly to NW'ly moderate speed in fair weather, but S'ly to SE'ly in dust .

FEBRUARY 1965.

(٩)

شباط ١٩٦٥

TABLE 9 -B.

المعدل اليومي لدرجات الحرارة (مئوية) لـ ٨ مشاهدات

DAILY MEAN TEMPERATURE (C°) OF 8 OBSERVATIONS

الايام	سنجار	موصل	كركوك	رطبة	حبانية	بغداد
DAYS	SINJAR	MOSUL	KIRKUK	RUTBAH	HABBANIYA	BAGHDAD
1	7.6	6.9	8.8	6.3	9.4	9.4
2	7.3	6.4	8.3	7.8	8.1	8.2
3	6.9	8.8	7.8	8.4	9.9	9.7
4	6.8	7.0	8.6	8.0	10.4	10.6
5	6.2	8.3	8.6	7.7	11.3	11.0
6	6.6	9.5	10.9	9.6	12.4	12.6
7	8.0	10.2	11.7	11.5	15.2	15.0
8	7.3	9.6	11.6	9.6	14.1	14.8
9	7.4	8.9	8.9	9.2	12.0	12.7
10	6.5	6.7	8.1	8.8	10.5	11.0
11	5.4	6.1	8.5	12.3	12.1	13.1
12	10.0	11.2	12.8	13.2	15.1	16.1
13	10.3	10.5	12.0	11.2	13.5	14.8
14	7.9	9.8	11.4	10.7	13.5	14.1
15	8.0	9.0	10.4	9.4	10.9	12.7
16	8.6	6.0	9.0	9.5	11.0	11.1
17	10.5	8.1	9.8	9.9	10.9	12.1
18	11.7	9.4	10.8	11.7	12.0	12.3
19	11.6	10.5	11.4	10.7	13.0	14.6
20	12.3	10.7	11.9	11.8	12.9	14.0
21	12.5	10.3	11.8	13.5	13.8	14.0
22	8.5	8.8	11.5	12.9	15.7	15.6
23	5.7	6.6	6.9	8.5	11.5	12.4
24	6.5	6.1	7.3	8.7	10.1	11.7
25	7.4	6.9	8.6	9.5	11.3	12.2
26	8.8	9.0	12.6	13.3	15.0	15.2
27	12.6	13.2	14.5	11.6	15.3	15.6
28	13.3	12.3	15.4	16.9	16.8	18.8
MEANS	8.6	8.8	10.4	10.4	12.4	13.1
DEPARTURE FROM NORMAL	---	+0.2	+0.2	+1.6	+1.6	+0.8

NOTE: AT SINJAR , OBSERVATIONS 0000 & 2100 ARE MISSED.

T A L E : G . M . T .

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

FEBRUARY 1965.

شباط ١٩٦٥

TABLE ١ - ٤ .

المعدل اليومي لدرجات الحرارة (سنتغراد)

DAILY MEAN TEMPERATURE (C°) OF 8 OBSERVATIONS

الايام	النخيب	حي	نجف	ديوانية	ناصرية	بصرة
DAYS	NUKHAIB	HAI	NAJAF	DIWANIYA	NASIRIYA	BASRAH
١	١٠.٨	١١.٢	١٠.٦	١١.١	١٠.٩	١٠.٨
٢	١٠.٤	١٠.٦	٩.٧	٩.٥	١٠.٠	١١.٦
٣	١٠.٦	١٠.٢	١٠.٧	١٠.٢	٩.٩	١٠.٤
٤	١١.٦	٩.٨	١٠.٧	١٠.٤	١٠.٩	١١.١
٥	١٣.١	١٣.٣	١١.٦	١١.٧	١٢.٨	١٣.٩
٦	١١.٤	١٣.٠	١٢.٥	١٢.٧	١٣.٠	١٣.١
٧	١٢.٥	١٣.٥	١٤.٩	١٥.١	١٥.٧	١٥.٢
٨	١١.٦	١٤.٦	١٥.٤	١٥.٩	١٦.١	١٥.٨
٩	١٣.٤	١٣.٧	١٣.٣	١٣.٢	١٤.٨	١٥.٧
١٠	١٢.٣	١٢.١	١١.٣	١١.٩	١٢.٢	١٦.٠
١١	١١.٥	١٣.٢	١٢.٨	١٣.٥	١٣.٧	١٣.٧
١٢	١١.٥	١٥.٥	١٦.٧	١٦.٩	١٧.٩	١٦.٨
١٣	١١.٢	١٨.٠	١٥.١	١٦.٢	١٨.٥	١٩.٨
١٤	١٥.٦	١٧.٣	١٤.٦	١٥.٢	١٧.١	١٧.٥
١٥	١٣.٥	١٦.٤	١٤.١	١٤.٠	١٦.٧	١٧.٢
١٦	١٣.٥	١٢.٧	١٢.٨	١٢.٨	١٣.٥	١٥.٢
١٧	١٣.٥	١٢.٤	١٢.٧	١٢.٢	١٣.١	١٣.٨
١٨	١٥.٩	١٢.٧	١٢.٤	١٣.٢	١٣.٤	١٣.٨
١٩	١٧.٥	١٤.٥	١٥.١	١٤.٥	١٤.٢	١٥.٠
٢٠	١٦.٤	١٤.٨	١٤.٨	١٤.٦	١٤.٢	١٥.٩
٢١	١٦.٦	١٤.٩	١٤.٧	١٥.١	١٤.٩	١٥.٤
٢٢	١٨.٦	١٤.٦	١٧.٠	١٦.٠	١٦.٢	١٥.٣
٢٣	١٣.٣	١٣.٤	١٣.٩	١٣.٥	١٤.٦	١٥.٠
٢٤	١٣.٠	١٢.٥	١٢.٥	١٣.٠	١٤.٠	١٤.٢
٢٥	١٣.٥	١٤.٥	١٢.٤	١٣.٢	١٣.٦	١٣.٦
٢٦	١٨.٩	١٦.٨	١٤.٨	١٥.٣	١٥.٣	١٦.١
٢٧	١٢.٩	١٧.٣	١٥.٣	١٥.٧	١٧.٩	١٩.٢
٢٨	١٣.٤	١٦.٨	١٧.٦	١٧.٢	١٧.٠	١٧.٨
MEANS	١٣.٥	١٣.٣	١٣.٦	١٣.٧	١٤.٤	١٥.٠
DEPARTURE FROM NORMAL	...	+٠.١	...	+١.٠	+٠.٧	+١.٣

NOTE: AT NUKHAIB , OBSERVATIONS 0000, 0300, 1800, & 2100 ARE MISSED.
AT HAI, OBSERVATIONS 2100 IS MISSED .

FEBRUARY 1965.

TABLE 12 - B . المعدل اليومي للضغط الجوي على سطح البحر (ملليبارات)

DAILY MEAN PRESSURE (MILLIBARS) AT M.S.L. OF 8 OBSERVATIONS

الأيام	سنجار	موصل	كركوك	رطبة	حبانية	بغداد
DAYS	SINJAR	MOSUL	KIRKUK	RUTBAH	HABBANIYA	BAGHDAD
1	1024.9	1025.2	1023.0	1025.1	1023.2	1022.6
2	23.5	24.2	22.7	23.3	23.4	23.1
3	20.8	20.8	20.2	18.3	19.6	20.2
4	11.9	12.9	12.6	09.4	10.6	12.0
5	13.2	14.6	15.6	14.7	15.3	16.0
6	18.7	19.2	19.1	16.3	17.7	18.8
7	09.8	11.2	11.6	10.2	10.7	11.2
8	09.0	09.9	10.0	09.2	10.6	09.8
9	10.5	12.0	12.5	13.1	13.7	13.6
10	24.1	24.4	23.3	21.6	22.8	22.9
11	24.2	24.5	23.3	18.1	21.7	22.1
12	14.0	14.3	13.7	11.7	11.8	12.7
13	11.3	11.7	11.6	12.4	11.6	11.5
14	13.4	13.9	13.4	14.3	13.8	13.9
15	20.9	20.8	20.2	19.7	20.1	19.7
16	23.5	22.7	21.5	20.9	21.5	21.4
17	20.6	21.0	19.5	19.9	19.5	18.9
18	18.4	18.4	17.7	17.8	17.6	17.4
19	19.9	20.2	19.3	18.6	18.8	18.4
20	20.0	20.5	19.2	19.2	19.3	19.0
21	17.4	17.7	17.3	16.0	16.8	17.4
22	08.3	08.9	08.0	08.0	07.8	08.9
23	14.3	14.9	16.0	16.1	16.7	16.9
24	24.2	24.6	23.9	21.7	23.5	23.4
25	26.8	27.7	26.4	22.7	25.4	25.7
26	18.3	18.9	17.9	14.1	16.1	17.4
27	15.0	15.4	14.8	12.8	15.1	15.5
28	17.1	17.8	17.6	12.9	16.1	17.0
MEANS	1017.6	1018.2	1017.6	1016.4	1017.2	1017.4
DEPARTURE FROM NORMAL	...	+0.6	+0.1	-1.2	0.0	-0.1

STATIONS	HIGHEST	DAY	TIME	YEAR	LOWEST	DAY	TIME	YEAR	
SINJAR	1029.1	25th	0600	1965	1003.4	9th	0300	1965	1965
MOSUL	1029.8	25th	0600	1965	1004.6	23rd	1500	1965	
KIRKUK	1028.2	25th	0600	1965	1003.4	22nd	1500	1965	
RUTBAH	1026.6	1st	0600	1965	1005.0	22nd	1200	1965	
HABBANIYA	1027.6	25th	0600	1965	1003.0	22nd	1500	1965	
BAGHDAD	1027.5	11th	0900	1965	1003.9	22nd	1500	1965	
SINJAR	1029.1	25th	0600	1965	1001.9	3rd	1200	1964	RECORD
MOSUL	1035.7	8th	0600	1950	1000.8	22nd	1500	1952	
KIRKUK	1034.4	8th	0600	1950	1000.3	26th	0300	1949	
RUTBAH	1037.9	8th	0000	1950	999.0	9th	1300	1941	
BAGHDAD	1033.7	8th	0600	1950	998.4	2nd	1800	1956	

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TABLE 2 - b .

المعدل اليومي للضغط الجوي على سطح البحر (ملليبارات)

DAILY MEAN PRESSURE (MILLIBARS) AT M. S. L. OF 8 OBSERVATIONS

الايام	نخيب	نجف	حي	ديوانية	ناصرية	بصرة
DAYS	NUKHAIB	NAJAF	HAI	DIWANIYA	NASIRIYA	BASRAH
1	1024.2	1022.2	1020.3	1022.2	1020.3	1020.7
2	25.6	22.8	21.2	23.4	22.0	21.7
3	25.2	19.7	19.8	20.1	19.8	19.9
4	25.8	10.5	12.4	11.4	11.7	13.6
5	25.8	13.8	14.7	16.8	15 8	16.1
6	25.4	18.1	19.2	19.2	19.0	19.5
7	25.7	11.3	12.8	12.2	13.0	13.5
8	25.9	09.8	11.3	10.7	10.6	11.7
9	25.4	14.1	11.9	14.2	13.9	13.3
10	25.6	22.4	21.1	22.8	21.6	21.0
11	25.4	21.8	21.5	22.2	21.5	21.3
12	25.1	11.5	14.8	12.8	13.7	16.4
13	25.6	10.6	10.1	11.1	09.8	11.4
14	25.2	13.3	12.4	14.3	12.9	13.3
15	20.2	18.7	17.7	19.2	17.8	17.3
16	21.3	21.0	19.5	20.9	19.6	18.8
17	19.4	18.7	17.2	18.7	17.3	16.8
18	18.3	17.2	14.9	17.1	15.6	15.3
19	18.0	17.6	16.8	18.3	17.0	16.6
20	19.9	18.6	17.0	18.7	17.2	16.8
21	15.8	17.9	16.3	17.3	16.2	16.1
22	08.8	08.6	10.2	09.3	09.8	11.8
23	07.2	16.7	15.1	17.3	16.6	16.5
24	11.9	22.3	21.5	22.5	21.3	21.4
25	25.3	24.7	18.9	25.2	24.0	23.6
26	13.9	16.7	15.9	17.5	18.3	18.1
27	15.5	15.2	17.0	15.3	14.6	15.5
28	16.0	16.7	15.0	17.4	17.2	17.7
MEANS	1020.9	1016.9	1016.3	1017.4	1016.7	1017.0
DEPARTURE FROM NORMAL	[illegible]	[illegible]	-1.4	+0.3	-0.4	-0.2

STATIONS	HIGHEST	DAY	TIME	YEAR	LOWEST	DAY	TIME	YEAR
NUKHAIB	1027.9	3rd	0600	1965	1003.8	22nd	1500	1965
HAI	1025.5	25th	0600	1965	1006.3	22nd	1500	1965
NAJAF	1027.7	25th	0600	1965	1003.5	22nd	1500	1965
DIWANIYA	1027.5	25th	0600	1965	1004.3	22nd	1500	1965
NASIRIYA	1026.0	25th	0600	1965	1005.7	22nd	1500	1965
BASRAH	1025.6	25th	0600	1965	1007.6	9th	0300	1965
NUKHAIB	1027.9	3rd	0600	1965	1003.8	22nd	1500	1965
HAI	1032.4	8th	0600	1950	1000.3	29th	0000	1956
NAJAF	1027.7	25th	0600	1965	1002.8	25th	0000	1963
DIWANIYA	1034.9	8th	0600	1950	997.9	28th	2100	1956
NASIRIYA	1033.3	8th	0600	1950	998.[illegible]	28th	2100	1956
BASRAH	1031.7	8th	0600	1950	999.8	5th	1200	1951

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TABLE -3 .

المعدل اليومي للرطوبة النسبية (٪)

DAILY MEAN RELATIVE HUMIDITY (%) OF 8 OBSERVATIONS

الأيام DAYS	سنجار SIN-JAR	موصل MO-SUL	كركوك KIR-KUK	رطبة RUT-BAH	حبانية HABB-ANIYA	بغداد BAG-HDAD	حي HAI	نجف NA-JAF	ديوانية DAWA-NIYA	ناصرية NASI-RIYA	بصرة BAS-RAH	نكيب NUK-HAIB
1	58	71	50	77	69	59	68	64	60	68	77	59
2	52	69	60	68	72	67	60	61	67	59	65	57
3	65	74	64	55	70	69	61	58	64	63	64	29
4	74	76	63	64	69	69	70	58	63	66	68	52
5	88	85	83	71	70	70	59	59	63	66	72	49
6	82	85	67	61	68	61	64	54	60	60	68	52
7	91	84	71	59	57	55	59	60	57	52	62	48
8	80	82	77	61	66	64	70	66	58	53	69	59
9	67	80	76	51	58	51	60	54	56	49	57	58
10	65	82	70	64	63	57	59	63	59	54	56	58
11	84	88	76	55	62	55	67	64	56	55	66	43
12	72	79	64	59	59	52	51	50	50	47	52	48
13	73	84	75	69	74	67	52	57	67	51	51	54
14	83	84	77	59	68	62	69	62	67	65	72	31
15	67	83	74	61	57	56	59	59	61	55	52	49
16	45	68	65	57	66	57	55	65	54	51	47	45
17	45	62	49	49	61	46	53	63	51	46	55	38
18	49	65	48	43	64	50	50	65	52	46	57	30
19	51	66	57	51	60	45	49	54	51	46	56	35
20	45	66	46	48	66	54	51	58	51	48	50	51
21	43	64	48	33	63	53	50	58	57	47	52	39
22	63	81	55	38	53	47	51	47	50	42	55	32
23	36	67	57	58	55	43	55	56	50	43	50	41
24	38	65	48	52	57	44	53	55	38	52	47	41
25	49	73	48	44	48	40	45	43	38	42	41	41
26	49	67	32	38	41	35	44	35	34	39	40	33
27	43	56	35	53	51	43	47	43	44	35	51	38
28	49	67	39	31	53	43	44	42	46	44	58	38
MEANS	61	74	60	55	61	54	57	56	54	52	58	45
NORMAL	..	76	65	56	58	64	60	..	58	58	74	..

STATIONS	HIGHEST	TIME	DAY	LOWEST	TIME	DAY
SINJAR	99	0300	8th	31	0900	23rd
MOSUL	97	0300	14th	31	1200	24th
KIRKUK	97	2100	4th	14	1200	28th
RUTBAH	94	0300	1st	13	1500	28th
HABBANIYA	99	0300	5th	17	0900	26th
BAGHDAD	100	0300	5th	19	0900	26th
NUKHAIB	89	0600	2nd	18	1500	17th
HAI	97	0300	5th	21	0900	25th
NAJAF	93	0300	14th	21	1200	26th
DIWANIYA	92	0300	2nd	22	1200	25th
NASIRIYA	88	0300	5th	19	1200	25th
BASRAH	92	0300	8th	22	1200	26th

TABLE 4 - جدول ٤

درجات الحرارة العظمى و الصغرى اليومية (منفراد)
DAILY MAXIMUM AND MINIMUM TEMPERATURE (CENTEGRADE)

الايام	سنجار		موصل		كركوك		حبانية		رطبة	
	SINJAR		MOSUL		KIRKUK		HABBANIYA		RUTBAH	
	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DAYS	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	11.5	5.3	14.3	1.6	16.3	3.6	14.9	7.2	12.2	0.9
2	12.0	2.3	14.8	1.1	14.8	2.5	15.2	2.9	16.0	0.8
3	11.7	1.6	14.4	-0.2	13.0	2.6	18.0	2.6	14.4	2.0
4	8.6	4.2	12.4	2.1	13.6	2.8	14.4	5.9	14.0	3.5
5	8.5	3.2	12.1	5.4	10.6	6.1	17.0	4.5	12.7	4.0
6	9.0	4.1	12.9	5.8	13.9	6.2	20.3	7.0	16.0	1.9
7	11.2	5.5	14.3	7.2	14.6	8.8	21.3	11.5	16.4	9.5
8	8.6	5.3	15.2	6.3	15.0	2.9	18.9	8.9	16.7	3.0
9	9.8	4.2	12.0	8.0	11.7	7.4	16.3	9.7	13.6	6.8
10	8.7	1.8	12.8	1.6	13.2	3.0	17.1	4.5	15.0	1.8
11	6.6	3.8	8.4	2.2	12.7	3.7	18.8	5.6	21.4	6.4
12	13.8	4.8	16.0	7.0	17.2	7.4	22.2	7.7	26.5	5.4
13	14.0	7.9	15.4	6.3	16.6	2.4	18.1	8.7	16.5	6.5
14	10.1	5.0	15.2	6.0	16.5	6.8	19.3	8.2	16.6	5.0
15	10.6	3.2	15.0	4.6	15.0	7.4	17.6	8.4	15.5	4.4
16	11.3	2.1	15.1	3.1	15.3	3.3	17.7	3.9	16.7	2.4
17	13.5	6.2	14.4	1.6	17.0	3.0	18.0	4.5	17.3	2.7
18	15.3	6.8	17.8	2.9	16.9	4.1	20.0	3.8	19.0	3.8
19	14.5	7.1	17.5	3.2	17.7	4.6	20.8	3.9	18.5	2.8
20	15.6	6.3	18.8	4.5	18.5	6.4	20.5	5.3	19.7	3.0
21	16.0	7.6	18.3	5.2	17.7	5.2	21.6	5.7	22.4	5.6
22	10.6	7.8	12.2	6.2	15.6	7.1	23.1	8.6	20.0	9.0
23	9.1	0.7	11.4	1.4	11.4	2.0	16.8	6.2	13.3	3.4
24	9.5	1.6	12.2	0.6	12.4	2.0	16.4	4.2	14.4	1.0
25	10.8	2.0	13.3	0.5	14.5	1.6	18.3	3.5	16.0	2.5
26	10.4	5.3	12.2	4.4	17.1	6.0	22.3	5.8	23.0	5.1
27	16.1	7.3	19.8	6.8	18.4	12.8	22.3	10.0	17.8	6.4
28	15.8	9.3	19.4	5.8	21.3	8.0	26.6	6.0	25.4	7.0
MEANS	11.5	4.7	14.6	4.0	15.3	5.1	19.1	6.2	17.4	3.9
DEPARTURE FROM NORMAL	...	...	+0.1	+0.8	+0.1	-0.2	+0.5	+0.4	+1.6	+1.4

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
SINJAR	17.3	25th	1962	-1.1	22nd	1962
MOSUL	26.7	28th	1955	-9.4	10th	1949
KIRKUK	26.6	25th	1941	-6.7	4th	1947
HABBANIYA	30.6	22&26	1941	-5.0	8&9th	1950
RUTBAH	31.7	24th	1941	-8.3	11th	1949

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TABLE 4 -ب-

(7)

درجات الحرارة العظمى و الصغرى اليومية (سنتغراد)

DAILY MAXIMUM AND MINIMUM TEMPERATURE (C°)

	خانقين		بغداد		حي		نخيب	
	KHANAQIN		BAGHDAD		HAI		NUKHAIB	
الايام	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DAYS	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	18.9	3.9	15.9	2.7	19.4	4.8	14.0	4.0
2	17.2	3.3	16.0	2.4	18.0	2.6	14.0	3.0
3	15.6	1.6	17.5	2.5	18.4	1.5	14.5	3.0
4	16.1	1.1	15.2	3.3	14.2	2.4	14.5	4.0
5	13.3	7.8	16.5	5.5	19.5	7.8	17.0	3.5
6	17.2	6.6	19.1	4.9	20.4	4.4	15.0	3.1
7	18.3	8.3	21.4	11.4	20.0	8.3	14.5	4.2
8	18.3	10.6	19.7	9.0	21.2	8.3	14.5	4.0
9	15.0	10.0	16.5	10.4	17.6	10.0	11.0	5.0
10	15.0	2.8	16.4	3.6	18.8	6.2	15.0	4.1
11	17.8	2.8	19.4	5.4	20.8	5.6	14.5	3.1
12	21.7	7.2	21.8	8.7	23.2	7.4	15.4	3.5
13	19.4	11.1	18.4	11.0	23.0	13.2	14.4	4.0
14	20.0	9.4	20.5	7.8	21.8	12.6	19.0	5.6
15	17.8	6.6	18.5	7.1	24.0	8.8	16.5	5.5
16	17.2	3.3	18.2	3.8	18.6	7.6	16.6	4.5
17	18.9	2.2	18.8	5.3	19.5	5.3	17.5	4.5
18	19.4	2.2	20.5	4.2	19.7	3.3	19.8	4.0
19	19.4	3.9	21.2	6.4	22.0	7.0	21.2	5.0
20	20.0	3.9	20.8	6.0	21.6	6.9	20.5	5.0
21	19.4	3.3	21.5	4.7	22.6	7.0	21.5	5.1
22	21.7	6.1	22.1	9.2	21.8	6.8	23.2	8.2
23	13.9	5.0	16.8	6.3	18.5	10.0	15.2	5.5
24	15.6	3.3	16.8	6.4	20.0	5.6	15.6	5.5
25	17.2	0.0	17.4	6.0	21.0	4.6	17.2	3.6
26	20.0	3.9	21.6	4.9	22.5	5.8	23.2	7.0
27	22.8	12.2	22.0	10.9	23.6	10.2	15.5	5.5
28	23.9	6.1	24.6	7.0	25.8	9.0	15.0	5.6
MEANS	18.3	5.3	19.0	6.3	20.7	6.9	15.1	4.6
DEPARTURE FROM NORMAL	+1.0	-0.3	+0.5	+0.6	+0.9	-0.2	...	...

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN	DAY	YEAR
KHANAQIN	29.4	9th	1944	-4.4	9th	1950
BAGHDAD	30.0	26th	1941	-5.0	9th	1950
HAI	29.4	24&27	1941	-3.9	10th	1949
NUKHAIB	25.2	24th	1963	3.0	2&3	1965

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TABLE 4-c.

درجات الحرارة العظمى والصغرى اليومية (سنتغراد)

DAILY MAXIMUM AND MINIMUM TEMPERATURE (C°)

	نجف		ديوانية		ناصرية		بصرة	
	NAJAF		DIWANIYA		NASIRIYA		BASRAH	
الايام	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DAYS	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	16.0	3.4	17.7	6.0	17.0	6.2	14.6	5.2
2	15.2	3.5	16.2	3.3	16.8	4.4	18.4	6.4
3	17.2	4.0	18.8	2.8	16.7	2.1	17.7	3.4
4	15.4	5.0	15.6	3.3	15.2	4.0	17.3	2.7
5	16.5	5.3	17.5	4.6	18.9	6.9	20.3	10.7
6	19.0	7.3	21.0	4.6	20.0	4.9	19.3	6.7
7	21.5	6.0	22.2	9.0	24.4	9.7	24.5	8.5
8	20.4	11.2	21.7	11.0	21.8	10.5	22.8	8.2
9	17.5	9.4	17.5	10.3	18.8	12.0	20.6	11.5
10	17.2	5.6	18.5	4.5	18.6	6.0	19.0	6.6
11	18.9	5.4	21.5	4.5	20.2	5.3	19.7	6.9
12	27.4	7.0	26.0	8.0	27.6	9.0	25.5	8.0
13	19.4	7.6	21.2	11.3	24.4	13.7	26.0	12.7
14	19.4	8.0	19.5	11.6	22.0	13.6	20.4	15.7
15	19.4	9.4	21.4	7.6	22.5	12.8	22.7	14.2
16	18.4	6.5	19.0	6.4	19.4	7.8	20.2	10.8
17	18.7	6.5	19.8	5.4	19.8	7.6	19.6	10.7
18	19.8	7.5	21.2	5.6	19.8	5.8	21.2	5.6
19	21.4	7.6	22.5	6.1	22.6	6.8	22.8	8.2
20	20.5	7.5	22.2	5.6	22.5	8.5	23.6	8.2
21	20.9	8.0	22.4	7.8	22.6	7.2	22.9	7.3
22	23.5	9.4	22.6	8.0	22.7	8.0	21.8	8.3
23	17.5	9.4	18.4	9.6	19.7	11.7	19.4	14.0
24	19.2	6.2	19.4	7.0	20.1	7.2	19.6	7.7
25	18.5	6.0	20.4	6.2	20.3	6.4	21.6	6.6
26	22.6	7.0	22.3	7.7	23.0	7.2	23.7	7.2
27	21.4	8.7	24.2	9.6	24.9	12.9	27.3	11.6
28	25.5	9.0	26.2	7.3	25.8	7.6	25.5	10.2
MEANS	19.6	7.1	20.6	7.0	21.0	8.1	21.4	8.7
DEPARTURE FROM NORMAL	...	...	+1.0	+2.1	+0.5	+0.7	+0.9	-1.1

STAIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
NAJAF	29.1	22nd	1963	2.3	1st	1963
DIWANIYA	32.0	22nd	1955	-7.2	9th	1950
NASIRIYA	32.6	17th	1962	-3.9	9th	1950
BASRAH	31.4	17th	1962	-2.2	9th	1950

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
SINJAR	,,,	6.4	7.4	9.5	10.7	9.7	7.8	,,,	8.6
MOSUL	5.6	4.9	6.4	11.6	13.9	12.1	8.8	7.1	8.8
KIRKUK	7.3	6.7	9.3	13.5	14.7	12.6	10.1	8.5	10.3
KHANAQIN	,,,	6.9	10.3	16.1	17.9	14.8	11.4	,,,	12.9
RUTBAH	6.4	5.2	8.0	13.9	16.8	14.5	10.1	8.3	10.3
HABBANIYA	8.4	7.5	10.3	17.0	18.4	15.1	12.5	10.3	12.4
BAGHDAD	9.3	8.0	10.9	18.3	18.6	16.4	13.0	11.0	13.2
HAI	9.1	7.8	11.4	18.6	20.3	16.6	12.8	,,,	13.8
NAJAF	10.4	7.7	10.7	16.4	19.2	17.5	14.5	12.5	13.6
DIWANIYA	9.5	7.7	11.8	18.5	20.3	17.1	13.2	11.4	13.7
NASIRIYA	10.4	9.0	12.0	18.5	20.6	18.1	14.2	12.0	14.1
BASRAH	10.9	9.9	13.6	19.2	20.8	17.5	14.4	12.8	14.9
NUKHAIB	,,,	,,,	9.2	13.7	15.8	15.2	,,,	,,,	13.5

TABLE 6. المعدل الشهري لضغط البخار (ملليبارات)
MONTHLY MEAN VAPUR PRESSURE (MILLIBARS)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	,,,	6.1	6.5	6.8	7.2	7.1	6.8	,,,	6.7
MOSUL	7.8	7.6	7.8	8.5	8.3	8.7	8.8	8.4	8.2
KIRKUK	7.1	6.9	7.2	6.9	6.6	7.5	7.8	7.5	7.2
KHANAQIN	,,,	7.5	7.7	7.9	7.5	7.8	8.2	,,,	7.8
RUTBAH	6.5	6.4	6.6	6.3	5.9	6.5	6.6	6.5	6.4
HABBANIYA	8.7	8.1	8.6	8.6	8.0	9.1	8.9	8.7	8.6
BAGHDAD	7.7	7.4	8.0	7.9	7.4	7.6	8.0	7.8	7.7
HAI	8.2	8.1	8.5	8.7	8.4	8.7	8.6	,,,	8.5
NAJAF	7.8	7.6	8.4	8.6	8.9	8.7	8.6	8.5	8.4
DIWANIYA	8.0	7.6	8.5	8.7	8.2	8.7	8.5	8.2	8.3
NASIRIYA	8.1	7.9	8.3	7.7	7.5	8.5	8.1	7.9	8.0
BASRAH	9.6	9.1	9.5	9.0	8.7	9.5	9.9	9.9	9.4
NUKHAIB	,,,	,,,	5.0	6.9	6.3	6.0	,,,	,,,	6.0

TABLE 7. المعدل الشهري لدرجة الحرارة للبصلة الوطبة
MONTHLY MEAN WET-BULB TEMPERATURE (C°) (سنتغراد)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	,,,	3.7	4.6	6.2	7.2	6.4	5.1	,,,	5.5
MOSUL	4.6	4.1	5.1	8.5	9.4	8.8	7.1	5.9	6.7
KIRKUK	5.1	4.5	6.3	8.3	8.7	8.2	7.1	6.0	6.8
KHANAQIN	,,,	5.1	7.1	10.2	10.7	9.5	8.1	,,,	8.5
RUTBAH	4.2	3.5	5.3	8.2	9.4	8.6	6.5	5.9	6.4
HABBANIYA	6.5	5.7	7.8	11.1	11.6	10.7	8.9	7.8	8.8
BAGHDAD	6.5	5.7	7.7	10.7	11.2	10.2	8.8	7.8	8.6
HAI	6.9	6.1	8.3	11.8	12.5	11.2	9.1	,,,	9.4
NAJAF	7.0	6.8	7.8	11.0	12.3	11.4	9.9	8.8	9.4
DIWANIYA	6.9	5.7	8.5	11.8	12.4	11.2	9.0	8.7	9.3
NASIRIYA	7.4	6.6	8.5	11.3	12.1	11.6	9.6	8.3	9.4
BASRAH	8.7	7.9	10.0	12.3	12.9	11.9	10.7	9.8	10.5
NUKHAIB	,,	,,	6.6	8.5	7.2	6.8	,,,	,,,	7.3

TABLE 8. MONTHLY MEAN DEW-POINT (C°) المعدل الشهري لدرجة الندى (سنتغراد)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	,,,	0.1	0.4	1.1	1.9	1.8	1.1	,,,	1.1
MOSUL	3.2	3.0	3.2	4.7	4.1	4.8	5.0	4.3	4.0
KIRKUK	1.8	1.2	1.8	1.1	0.5	2.3	2.9	2.5	1.8
KHANAQIN	,,,	2.8	3.3	3.2	2.8	3.3	4.1	,,,	3.3
RUTBAH	0.7	0.6	1.0	0.1	-0.7	0.6	1.2	0.8	0.5
HABBANIYA	4.1	3.8	4.8	4.5	3.6	5.3	5.1	4.7	4.5
BAGHDAD	2.9	2.5	3.7	3.3	2.3	2.8	3.6	3.4	3.1
HAI	3.9	3.8	4.5	4.6	4.0	5.4	4.8	,,,	4.4
NAJAF	3.7	3.6	4.0	4.7	4.9	4.7	4.5	4.4	4.3
DIWANIYA	3.4	2.8	4.4	4.6	3.8	4.5	4.4	3.8	4.0
NASIRIYA	3.6	3.3	4.1	3.1	2.5	4.4	4.3	3.4	3.6
BASRAH	6.2	5.4	6.0	5.1	4.7	5.9	6.6	6.5	5.8
NUKHAIB	,,,	,,,	3.1	1.7	0.1	-5.1	,,,	,,,	-0.1

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TABLE 9 .

المعدل الشهري للرطوبه النسبيه (٪)

MONTHLY MEAN RELATIVE HUMIDITY (%)

STATIONS	TIME - G.M.T. 0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	...	64	64	58	56	61	65	...	61
MOSUL	85	87	80	64	53	62	77	82	74
KIRKUK	71	71	62	46	41	53	64	69	60
KHANAQIN	...	74	52	43	38	48	62	...	54
RUTBAH	69	74	64	41	33	41	56	61	55
HABBANIYA	74	82	71	45	38	52	65	73	62
BAGHDAD	68	70	52	41	35	41	54	60	54
HAI	71	77	64	41	37	48	59	...	57
NAJAF	66	74	52	47	40	44	52	59	56
DIWANIYA	67	72	62	41	34	45	55	61	55
NASIRIYA	65	69	59	37	31	41	52	57	51
BASRAH	73	75	62	41	36	48	61	67	58
NUKHAIB	..	..	67	45	35	35	..	..	45

TABLE 10.

ضغط الجوي على سطح البحر (ملليبارات)

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

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	...	16.8	18.6	17.9	16.3	16.8	18.0	...	1017.4
MOSUL	18.5	18.6	19.4	18.6	16.8	16.8	18.0	18.3	1018.1
KIRKUK	17.9	17.9	18.5	17.8	16.2	16.7	17.7	17.9	1017.6
KHANAQIN	...	19.0	19.0	17.2	16.0	17.1	18.0	...	1017.7
RUTBAH	16.5	16.7	17.8	16.9	15.1	15.6	16.6	16.4	1016.4
HABBANIYA	17.2	17.4	18.4	17.8	15.8	16.2	16.9	17.0	1017.1
BAGHDAD	17.4	17.6	18.7	18.2	16.3	16.5	17.3	17.3	1017.4
HAI	16.2	16.7	17.8	17.5	15.8	15.9	16.0	...	1016.6
NAJAF	16.8	18.3	18.5	17.7	15.9	15.9	16.6	16.7	1017.1
DIWANIYA	17.7	17.7	18.9	18.3	16.3	16.4	17.3	17.2	1017.5
NASIRIYA	16.3	16.8	18.1	17.5	15.5	15.7	16.6	16.5	1016.6
BASRAH	16.8	17.0	18.3	17.4	16.1	16.3	17.0	17.0	1017.0
NUKHAIB	...	....	22.5	21.5	20.2	19.0	....	....	1020.8

TABLE - 11

المعدل الشهري لكمية الغيم الواطئه (اثمان)

MONTHLY MEAN LOW CLOUD AMOUNTS (OKTOS)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	...	1.8	0.9	2.1	2.8	2.0	0.7	...	1.7
MOSUL	2.1	2.8	3.5	3.1	3.6	3.5	2.6	2.5	3.0
KIRKUK	2.1	2.2	2.0	1.9	2.4	3.0	1.8	1.9	2.2
KHANAQIN	...	2.5	3.0	2.2	3.2	2.3	2.0	...	2.5
RUTBAH	0.4	0.2	0.3	0.8	1.6	1.3	0.6	0.2	0.7
HABBANIYA	0.0	0.2	0.1	0.3	0.9	0.6	0.5	0.1	0.3
BAGHDAD	0.1	0.3	0.3	0.4	0.9	0.7	0.2	0.3	0.4
HAI	0.2	0.1	0.2	0.1	0.1	0.2	0.4	...	0.2
NAJAF	0.1	0.0	0.3	0.1	0.3	0.3	0.4	0.6	0.3
DIWANIYA	0.1	0.0	0.3	0.3	0.3	0.5	0.4	0.3	0.3
NASIRIYA	0.9	0.7	0.7	0.8	1.4	0.6	0.5	0.3	0.7
BASRAH	0.4	0.2	0.5	0.5	0.5	0.4	0.4	0.4	0.4
NUKHAIB	...	...	0.1	0.7	1.0	0.1	...	...	0.5

TABLE - 12.

معدل مجموع كمية الغيم (اثمان)

MONTHLY MEAN TOTAL CLOUD AMOUNTS (OKTOS)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	...	3.4	3.9	4.2	5.0	4.6	2.5	...	3.9
MOSUL	2.8	3.6	4.8	4.9	5.0	5.1	3.7	3.2	4.1
KIRKUK	2.6	2.5	3.6	3.1	3.3	4.1	2.6	2.2	3.0
KHANAQIN	...	3.0	4.0	3.5	4.0	3.2	2.0	...	3.3
RUTBAH	1.8	2.0	2.0	2.5	3.2	3.3	2.1	1.4	2.3
HABBANIYA	2.7	2.8	2.6	2.0	3.3	2.8	2.0	2.5	2.6
BAGHDAD	2.3	2.3	2.4	2.1	3.0	2.7	1.7	2.1	2.3
HAI	1.9	2.3	2.8	2.4	2.9	2.9	1.9	...	2.4
NAJAF	1.5	1.2	1.7	1.7	2.1	2.4	1.6	1.5	1.7
DIWANIYA	0.9	1.5	1.6	1.6	1.9	2.1	1.2	1.3	1.4
NASIRIYA	1.3	2.0	2.3	2.6	3.3	3.0	1.8	1.2	2.2
BASRAH	1.5	2.0	2.6	2.1	2.0	2.5	1.6	1.5	2.0
NUKHAIB	...	...	2.0	2.0	2.1	2.0	...	...	2.0

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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	CALM سكون	SPEED IN KNOTS السرعة بالعقد 1-10	11-21	22-33	34 فما فوق	السرعة بالعقد MEAN V.K.
سنجار SINJAR	0300	8	0	8	0	0	0	5	2	5	21	2	0	0	6
	0600	6	1	11	0	0	0	5	0	5	20	3	0	0	5
	0900	3	0	10	0	0	2	8	2	3	23	2	0	0	6
	1200	2	1	10	0	3	1	7	0	4	20	4	0	0	6
	1500	2	0	9	1	2	1	9	1	3	23	2	0	0	6
	1800	5	2	4	0	1	0	11	1	4	24	0	0	0	4
	TOTAL	26	4	52	1	6	4	45	6	24	131	13	0	0	6
موصل MOSUL	0000	0	1	3	2	3	0	9	7	3	23	2	0	0	5
	0300	0	0	4	2	6	0	7	6	3	20	5	0	0	5
	0600	1	0	4	1	2	0	5	8	1	19	2	0	0	5
	0900	2	0	6	2	5	0	5	5	3	19	6	0	0	7
	1200	2	1	7	2	3	0	5	6	2	24	2	0	0	6
	1500	0	0	6	2	5	0	4	9	2	21	5	0	0	6
	1800	1	0	5	1	6	0	4	6	5	22	0	1	0	5
	2100	1	0	4	2	3	0	6	4	8	18	1	1	0	5
	TOTAL	7	2	39	14	33	0	45	51	33	166	23	2	0	6
كركوك KIRKUK	0000	0	11	2	1	2	0	1	0	11	16	1	0	0	4
	0300	1	11	4	0	0	0	1	0	11	16	1	0	0	3
	0600	0	5	4	1	1	0	1	0	16	11	1	0	0	2
	0900	2	1	2	8	3	1	3	0	8	16	4	0	0	5
	1200	1	0	2	4	2	2	12	0	5	19	4	0	0	6
	1500	0	1	1	4	3	0	8	1	10	18	0	0	0	3
	1800	1	2	7	0	0	0	2	0	16	11	0	1	0	3
	2100	1	5	5	3	0	0	1	1	12	15	1	0	0	3
	TOTAL	6	36	27	21	11	3	29	2	89	122	12	1	0	4
خانقين KHANAQIN	0300	0	0	6	2	3	1	2	0	14	12	0	2	0	4
	0600	0	0	5	0	7	0	3	0	13	14	1	0	0	3
	0900	4	0	0	0	12	0	4	3	5	18	3	2	0	7
	1200	4	0	0	0	16	0	4	3	1	22	2	2	1	9
	1500	4	0	1	0	9	1	7	4	2	22	3	1	0	7
	1800	1	0	2	1	9	0	3	2	10	14	2	2	0	6
	TOTAL	13	0	14	3	56	2	23	12	45	102	11	9	1	6
رطبة RUTBAH	0000	0	0	1	3	6	2	5	1	10	13	5	0	0	5
	0300	0	0	1	3	3	7	6	0	8	16	4	0	0	5
	0600	0	0	0	2	3	5	8	0	10	13	3	0	0	6
	0900	1	0	2	5	4	5	8	1	2	16	9	2	0	9
	1200	1	0	2	3	5	4	9	3	1	16	9	2	1	10
	1500	0	0	3	2	3	3	7	3	7	17	3	1	0	6
	1800	0	0	3	6	3	2	5	0	9	16	3	0	0	4
	2100	0	1	2	4	6	2	3	1	9	15	4	0	0	5
	TOTAL	2	1	14	28	33	30	51	9	56	122	40	5	1	6

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LE 13 - b .

عدد تكرار رصدات الرياح السطحيـــة

SURFACE - WIND , NUMBER OF OBSERVATION OF:

المحطة STATION	وقت كرينتش TIME GMT.	DIRECTION الاتجـــاه N	NE	E	SE	S	SW	W	NW	سكون CALM	SPEED IN KNOTS السرعة بالعقد 1-10	11-21	22-33	34 فما	معدل السرعة بالعقد MEAN V.K.
حبانية ABBANIYA	0000	0	3	3	1	2	2	4	4	9	15	4	0	0	5
	0300	1	1	4	1	1	3	6	2	9	14	5	0	0	6
	0600	0	1	2	4	0	2	8	6	5	16	6	1	0	7
	0900	1	0	0	5	3	0	8	6	5	10	12	1	0	7
	1200	2	1	0	7	0	2	9	6	1	10	15	2	0	8
	1500	4	0	4	3	1	0	2	3	6	20	2	0	0	4
	1800	1	1	4	2	2	0	3	2	10	14	4	0	0	4
	2100	2	1	7	2	0	0	2	1	13	9	6	0	0	5
	TOTAL	11	8	24	25	9	9	42	38	58	108	54	4	0	7
بغداد BAGHDAD	0000	3	3	1	5	0	1	1	6	8	15	5	0	0	6
	0300	4	2	2	3	2	1	2	8	4	22	2	0	0	6
	0600	1	2	1	4	2	1	3	9	5	17	5	1	0	9
	0900	3	2	0	7	1	2	3	9	1	13	3	1	0	11
	1200	2	0	0	6	0	4	4	2	0	15	3	0	0	11
	1500	2	2	1	6	2	1	2	1	1	21	6	0	0	8
	1800	5	2	1	7	0	1	2	1	2	22	4	0	0	7
	2100	3	2	0	9	1	0	1	8	4	18	6	0	0	7
	TOTAL	23	15	6	47	8	11	18	71	25	143	54	2	0	8
نخيب UKHAIB	0600	6	1	1	1	3	2	10	3	1	21	6	0	0	8
	0900	7	1	1	2	3	2	8	2	2	19	6	1	0	9
	1200	5	1	1	1	2	1	10	5	2	14	12	0	0	9
	1500	3	1	2	1	2	1	10	7	1	22	4	1	0	8
	TOTAL	21	4	5	5	10	6	38	17	6	76	28	2	0	9
حي AI	0000	4	1	7	0	0	0	4	8	4	18	6	0	0	7
	0300	3	0	4	1	0	0	7	7	6	17	5	0	0	7
	0600	1	1	4	1	1	0	8	6	6	16	6	0	0	6
	0900	1	0	1	6	1	0	10	7	2	17	9	0	0	9
	1200	2	0	4	2	1	0	7	7	4	14	10	0	0	9
	1500	2	1	3	2	0	0	6	8	6	19	3	0	0	5
	1800	2	0	5	2	0	0	7	6	6	18	4	0	0	6
	TOTAL	14	3	28	14	2	2	49	49	34	119	43	0	0	7
نجف NAJAF	0000	11	5	1	2	0	1	2	5	1	25	2	0	0	5
	0300	12	3	2	1	0	0	5	5	0	25	3	0	0	6
	0600	10	3	1	2	1	0	6	2	3	21	4	0	0	5
	0900	12	3	0	3	4	0	2	4	3	25	3	0	0	7
	1200	12	1	5	2	2	0	2	4	0	20	7	1	0	8
	1500	9	1	5	3	0	0	3	5	2	24	2	0	0	5
	1800	12	2	4	3	2	0	2	3	0	26	2	0	0	5
	2100	12	2	4	3	2	0	2	3	0	26	2	0	0	5
	TOTAL	90	20	22	19	11	1	24	31	6	192	25	1	0	6

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TABLE 13 - ج.

عدد تكرار رصدات الرياح السطحية

SURFACE - WIND NUMBER OF OBSERVATIONS OF:

STATIONS المحطات	TIME GMT. وقت كرينتش	DIRECTION الاتجاه N	NE	E	SE	S	SW	W	NW	CALM لساكن	SPEED IN KNOTS السرعة بالعقد 1-10	11-21	22-33	34	MEAN V.F. معدل السرعة بالعقد
	0000	6	1	2	2	0	1	5	2	8	28	2	0	0	4
	0300	3	1	4	3	0	0	6	3	8	17	3	0	0	4
	0600	3	0	2	1	0	0	10	4	5	19	4	0	0	5
	0900	6	0	1	2	1	0	11	2	2	12	14	0	0	10
KWANIYA	1200	12	1	0	5	1	4	4	3	1	11	16	0	0	11
	1500	8	0	2	6	0	0	7	2	3	21	4	0	0	6
	1800	2	1	2	5	0	0	7	3	8	14	6	0	0	6
	2100	4	2	5	4	1	0	6	1	5	16	7	0	0	6
	TOTAL	44	6	18	28	3	2	57	20	40	138	56	0	0	-
	0000	4	0	1	6	1	0	5	5	6	20	2	0	0	6
	0300	1	1	0	4	2	1	7	6	6	21	1	0	0	5
	0600	2	0	0	3	1	1	5	12	2	25	0	0	0	5
	0900	1	1	0	5	2	1	4	14	0	18	10	0	0	8
ASIRIYA	1200	2	0	0	5	1	0	2	17	1	17	10	0	0	8
	1500	4	1	2	5	0	0	1	12	3	23	2	0	0	6
	1800	2	1	0	5	2	0	5	10	3	24	1	0	0	5
	2100	3	0	1	6	0	0	2	11	5	21	2	0	0	5
	TOTAL	19	4	4	39	11	3	31	87	26	169	29	0	0	6
	0000	5	1	1	4	2	0	6	8	1	25	2	0	0	5
	0300	4	6	3	3	1	1	5	9	0	26	3	0	0	6
	0600	2	1	1	4	0	0	6	9	1	21	6	0	0	6
	0900	9	0	1	1	0	0	2	10	0	15	12	1	0	10
ASRAH	1200	3	2	1	1	1	0	3	13	0	16	12	0	0	10
	1500	4	0	1	1	0	0	3	8	2	24	2	0	0	6
	1800	4	2	0	3	0	0	3	8	2	24	2	0	0	6
	2100	6	3	1	2	1	2	2	8	1	25	2	0	0	6
	TOTAL	37	15	9	23	5	6	30	72	7	176	40	1	0	7

TABLE 14.

اعلى سرعة ريح حدثت خلال ساعة واحدة رصد

HIGHEST WIND SPEED DURING ONE HOUR:

STATIONS	HIGHEST WIND - SPEED DURING ONE HOUR (V.K.)	DIRECTION	TIME GMT.	DAY
SINJAR	30 Knots	330	0300	23rd
MOSUL	23	110	2100	4th
KIRKUK	28	250	1800	22nd
KHANAQIN	35	180	1200	7th
RUTBAH	35	280	0900	7th
HABBANIYA	25	150	1200	9th
BAGHDAD	22	150	0900	7th
NUKHAIB	26	290	1500	22nd
RAI	26	090	0000	5th
NAJAF	25	270	2100	22nd
DIWANIYA	18	160	0900	22nd
HADIRIYA	18	310	1200	9th
AMARAH	25	340	0900	9th

TABLE - 17. CLIMATOLOGICAL SUMMARY; الملخصات المناخية

NUMBER OF DAYS FOR THE CASES OF PHENOMENA : عدد الايام التي حدثت فيها الظواهر الجوية

STATIONS	RAIN	SNOW	HAIL	THUNDER STORM	FOG	MIST	HAZE	RISING DUST	SUSPENDED DUST	DUST STORM	GROUND FROST	STATE OF SKY	
												CLEAR	CLOUDY
SINJAR	10	0	0	0	3	3	0	2	0	0	0	6	7
MOSUL	8	0	0	3	1	0	0	0	0	0	1	7	8
KIRKUK	6	0	0	0	0	2	3	4	4	0	7	11	4
KHANAQIN	4	0	0	0	0	0	3	0	0	3	1	10	4
RUTBAH	0	0	0	0	0	1	0	7	0	0	0	8	0
HABBANIYA	1	0	0	0	0	0	2	5	6	1	0	8	0
BAGHDAD	1	0	0	1	0	6	10	4	4	1	0	9	0
NUKHAIB	0	0	0	0	0	0	0	2	0	0	0	11	0
HAI	2	0	0	0	0	0	0	8	3	0	0	12	0
NAJAF	0	0	0	0	0	0	0	1	3	1	0	17	1
DIWANIYA	1	0	0	0	0	0	0	3	3	1	0	18	0
NASIRIYA	0	0	0	1	0	3	4	9	19	1	0	15	1
BASRAH	1	0	0	1	1	5	6	4	11	1	6	17	1

TABLE - 18.

DURATION OF SUNSHINE مدة سطوع الشمس

STATIONS	MONTHLY TOTAL SUNSHINE HOURS	MAX. SUNSHINE DURING ONE DAY		No. OF DAYS WITHOUT SUNSHINE
		HOURS	DAY	
MOSUL	175.5	11.0	24th	4
HABBANIYA	225.0	10.8	3rd	0
BAGHDAD	215.1	9.8	19-21st	0
BASRAH	221.5	10.7	25th	1

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وزارة المواصـــلات

مديرية الطيران المدنى العامة

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METEOROLOGICAL DEPARTMENT

شعبة احصائيات المناخ

CLIMATOLOGICAL SECTION

تقرير المناخ الشهرى

Monthly Climatological Data

No. 3 & 4
Vol. 28
Month : March & April
Year : 1965

العـــدد : ٣ و ٤
مجلـــد : ٢٨
الشهر : آذار ونسيان
السنة : ١٩٦٥

الجمهورية العراقية

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B A G H D A D

معلومات مناخية لشهر آذار ١٩٦٥

مجلد ٢٨ ، عدد (٣) آذار ١٩٦٥

MONTHLY CLIMATOLOGICAL DATA FOR MARCH 1965

VOLUME 28 , No. (3) , M A R C H 1965

اعداد و تنظيم و طبع و توزيع من قبل شعبة المناخ

PREPARED, ARRANGED, PRINTED & DISTRIBUTED BY
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Notes: Geographical Data and Notes on tables see : JANUARY 1965 .

آذار ١٩٦٥

امتاز هذا الشهر بقلة هطول الامطار حيث كانت شحيحة واقل من المعدل بكثير مما سبب جفاف الجو وتصاعد الغبار وتحوله احيانا الى عواصف ترابية في المنطقة الجنوبية من القطر .

كانت درجات الحرارة اليومية والعظمى والصغرى وكذلك الضغط فوق معدلاتها .

MARCH 1965 .

The main feature of the month was the low records of rainfall all over Iraq, hence followed by dry and hazy weather with dustatorms in Southern parts of the Country .

Mean daily temperatures , Max., Min. and preasure were all above the normal .

MARCH 1965.

TABLE 4-a.

آذار ١٩٦٥

المعدل اليومي لدرجات الحرارة (سنتغراد)

DAILY MEAN TEMPERATURES (C°) OF 8 OBSERVATIONS

الأيام	سنجار	موصل	كركوك	رطبة	حبانية	بغداد
DAYS	SINJAR	MOSUL	KIRKUK	RUTBAH	HABBANIYA	BAGHDAD
1	13.6	13.5	17.0	14.6	16.9	18.0
2	11.5	12.0	12.4	10.2	13.4	13.5
3	13.5	11.8	12.8	10.5	12.5	13.2
4	15.1	12.0	13.5	14.4	13.8	13.8
5	16.6	13.6	15.9	17.6	16.9	17.0
6	20.8	15.9	18.3	18.9	19.5	20.4
7	20.6	17.7	21.2	21.9	23.8	21.6
8	17.5	17.6	19.4	15.9	20.2	19.1
9	18.0	17.0	19.3	20.9	21.0	21.0
10	17.4	18.1	20.0	20.9	21.4	23.2
11	15.1	14.9	17.3	17.0	19.2	20.7
12	10.6	12.5	12.5	10.3	15.2	16.2
13	10.4	9.3	10.4	8.9	9.3	9.8
14	10.3	10.0	11.7	8.9	11.4	12.2
15	10.7	11.8	12.2	8.3	11.7	12.3
16	10.6	11.5	13.1	10.1	10.9	12.8
17	14.0	13.2	15.0	13.9	13.4	14.4
18	9.6	9.2	12.6	16.1	13.6	14.5
19	12.4	15.0	14.5	13.4	15.0	18.1
20	14.7	14.3	14.9	14.7	16.3	18.0
21	16.6	15.3	16.7	15.8	17.4	17.5
22	17.3	16.1	17.0	15.8	16.8	15.5
23	10.6	12.9	13.1	13.4	16.9	16.2
24	12.7	12.8	12.3	12.9	16.5	15.8
25	13.3	13.7	14.4	14.8	18.2	18.5
26	15.6	16.2	16.8	17.1	20.2	20.7
27	15.6	15.9	15.8	13.2	16.8	17.9
28	12.8	14.4	15.0	14.0	17.4	17.9
29	15.0	14.9	15.6	15.1	17.8	18.5
30	16.4	16.7	18.2	17.5	18.4	19.7
31	16.0	16.2	18.1	16.0	19.5	20.1
MEANS	14.4	14.1	15.4	14.5	16.5	17.0
DEPARTURE FROM NORMAL	....	+2.1	+2.1	+2.0	+0.9	+0.9

NOTE: AT SINJAR, OBSERVATIONS 0000 &2:00 ARE MISSED.

T I M E : G . M . T .

$$\frac{0000+0300+0600+0900+1200+1500+1800+21.00}{8} = \text{DAILY MEAN}$$

MARCH 1965.

آذار ١٩٦٥

TABLE 1 - ب.

المعدل اليومي لدرجات الحرارة (سنتغراد)

DAILY MEAN TEMPERATURES (C°) OF 8 OBSERVATIONS

الايام	نخيب	حي	نجف	ديوانية	ناصرية	بصرة
DAYS	NUKHAIB	HAI	NAJAF	DIWANIYA	NASIRIYA	BASRAH
1	17.9	16.6	18.8	17.4	18.5	19.0
2	13.1	17.2	15.0	15.5	17.8	19.9
3	14.9	14.9	14.4	14.3	15.0	16.4
4	20.4	15.2	15.4	14.6	15.2	16.3
5	23.4	17.2	17.6	17.5	18.1	17.2
6	24.5	19.7	20.1	20.4	20.5	19.1
7	27.3	21.7	23.0	22.6	22.7	21.4
8	22.8	21.1	19.4	20.8	21.8	24.5
9	25.6	21.0	21.4	21.6	21.3	20.7
10	28.1	22.6	23.7	23.7	26.8	24.9
11	22.2	22.0	20.6	21.4	27.5	24.9
12	17.6	20.4	17.7	18.2	21.4	21.8
13	12.6	13.4	12.5	12.0	13.6	16.4
14	14.2	13.5	13.3	13.0	13.3	14.7
15	15.4	13.7	13.5	13.2	14.4	15.7
16	15.6	13.5	13.4	13.1	14.2	14.0
17	17.7	15.3	15.6	14.9	18.2	15.1
18	21.4	15.9	17.1	16.9	16.3	17.8
19	20.1	19.3	17.6	17.9	20.3	21.5
20	20.4	18.9	17.8	18.5	18.3	19.8
21	21.1	18.8	19.3	18.4	19.9	20.3
22	22.5	15.6	17.1	16.9	21.0	20.2
23	17.8	17.9	17.4	18.4	20.0	18.9
24	18.5	17.4	17.4	17.6	18.7	19.3
25	20.7	19.2	19.3	19.5	19.7	20.0
26	22.6	20.5	20.4	20.8	20.3	20.2
27	20.5	19.4	19.6	18.4	22.1	22.5
28	20.0	18.0	18.3	18.1	19.5	20.8
29	21.5	19.7	19.2	20.0	19.6	20.7
30	21.9	20.2	20.4	19.8	20.3	20.9
31	22.9	21.0	22.0	22.2	22.2	22.6
MEANS	20.2	18.1	18.0	18.0	19.3	19.6
DEPARTURE FROM NORMAL	....	+1.1	....	+1.5	+2.4	+1.4

NOTE : AT NUKHAIB , OBSERVATIONS 0000 ,0300 , 1800 & 2100 ARE MISSED

AT HAI , OBSERVATION 2100 IS MISSED .

MARCH 1965.

آذار ١٩٦٥

TABLE 2 - a. المعدل اليومي للضغط الجوي على سطح البحر (ملليبارات)

DAILY MEAN PRESSURE (MILLIBARS) AT M.S.L. @ 9 & OBSERVATIONS

الأيام	سنجار	موصل	كركوك	رطبة	حبانية	بغداد
DAYS	SINJAR	MOSUL	KIRKUK	RUTBAH	HABBANIYA	BAGHDAD
1	1012.0	1013.1	1013.1	1011.6	1011.3	1012.2
2	18.0	18.2	17.7	19.6	18.4	18.1
3	20.7	21.0	20.2	22.3	21.1	20.8
4	20.2	20.9	19.9	20.L	20.2	19.9
5	19.9	20.2	18.8	19.0	16.3	18.5
6	18.5	19.4	18.3	17.1	18.0	18.1
7	14.6	15.2	14.9	13.0	13.6	14.6
8	10.0	10.5	11.0	13.2	12.1	12.9
9	13.3	13.6	13.7	11.2	12.9	13.9
10	11.7	11.7	12.2	10.3	11.3	11.9
11	12.8	12.7	11.6	12.4	10.7	10.5
12	14.2	13.7	13.9	16.5	15.0	14.2
13	20.3	20.4	19.1	22.8	20.5	20.1
14	23.0	23.2	21.1	22.9	20.9	20.4
15	23.2	23.1	20.7	22.8	21.1	20.4
16	24.4	23.8	21.7	22.5	22.5	22.1
17	19.9	20.0	18.8	17.5	18.8	18.9
18	13.4	14.6	13.7	08.2	12.4	12.6
19	13.4	13.4	12.9	13.2	12.5	12.0
20	18.0	17.6	17.3	17.8	17.5	17.3
21	16.2	16.0	14.9	14.3	14.8	14.6
22	07.5	08.1	08.0	06.4	06.2	07.5
23	06.3	06.7	07.2	07.6	07.1	07.5
24	13.3	13.6	13.3	13.0	12.8	13.2
25	18.1	18.6	17.8	15.0	16.4	16.8
26	17.8	17.8	16.6	12.1	14.7	15.1
27	12.7	13.3	12.8	12.2	09.8	10.2
28	17.0	17.0	16.2	17.2	16.1	15.7
29	21.3	21.2	20.5	19.3	19.9	19.8
30	17.1	16.3	15.8	14.4	15.3	15.7
31	13.3	12.8	13.0	12.3	12.6	12.8
MEANS	1016.2	1016.4	1015.7	1015.5	1015.3	1015.4
DEPARTURE FROM NORMAL	????	+1.2	+1.1	0.0	+1.0	+0.7

STATIONS	HIGHEST	DAY	TIME	YEAR	LOWEST	DAY	TIME	YEAR
SINJAR	1025.6	16th	06&09	1965	1004.9	22nd	1800	1965
MOSUL	1025.6	16th	0600	1965	1004.3	22nd	2100	1965
KIRKUK	1023.0	16th	03&06	1965	1004.3	23rd	0300	1965
RUTBAH	1025.1	16th	0600	1965	1002.9	22nd	1200	1965
HABBANIYA	1024.3	16th	0600	1965	1002.7	22nd	18&21	1965
BAGHDAD	1023.6	16th	0600	1965	1002.8	23rd	0000	1965
SINJAR	1028.3	3rd	0600	1962	995.4	12th	0300	1964
MOSUL	1032.6	3rd	0600	1960	996.1	12th	0300	1964
KIRKUK	1030.6	3rd	0600	1961	997.4	12th	0300	1964
RUTBAH	1032.2	3rd	0600	1961	995.8	11th	2100	1964
BAGHDAD	1031.4	3rd	0600	1961	996.1	22nd	1200	1964

1965

RECORDS

TABLE 2- b. المعدل اليومي للضغط الجوي على سطح البحر (ملليبارات)

DAILY MEAN PRESSURE (MILLIBARS) AT M.S.L. OF 8 OBSERVATIONS

الأيام	نخيب	حي	نجف	ديوانيه	ناصرية	بصرة
DAYS	NUKHAIB	HAI	NAJAF	DIWANIYA	NASIRIYA	BASRAH
1	1010.5	1013.0	1011.2	1012.2	1013.3	1015.7
2	19.1	16.3	17.7	17.7	16.5	16.6
3	21.5	19.5	20.7	20.7	19.7	19.3
4	19.2	18.5	20.0	20.2	19.0	18.8
5	18.3	17.4	18.5	18.4	19.9	17.4
6	16.0	16.8	17.9	17.9	16.9	16.9
7	13.4	15.7	14.4	15.1	15.3	16.0
8	13.7	11.6	12.3	12.6	12.1	13.1
9	12.6	14.4	13.8	14.6	14.8	15.3
10	10.9	13.0	11.0	11.7	12.5	15.4
11	11.2	10.7	10.0	10.3	10.7	13.6
12	15.5	11.4	13.9	13.6	11.7	11.9
13	21.7	18.3	20.0	20.0	18.8	17.7
14	21.5	18.5	20.3	20.1	19.0	18.4
15	21.7	18.8	20.8	20.7	19.5	19.2
16	22.8	20.8	22.2	22.2	20.9	20.8
17	18.6	18.4	18.6	18.9	18.3	18.5
18	08.3	13.0	11.0	12.9	12.5	13.9
19	13.0	11.6	11.5	12.1	11.1	11.7
20	17.5	15.3	17.1	17.1	15.7	15.4
21	14.6	13.8	14.4	14.7	13.5	13.8
22	04.5	09.5	06.3	07.9	08.6	10.7
23	08.0	07.9	07.9	08.7	08.6	09.5
24	13.7	13.0	13.7	14.0	14.1	14.8
25	15.8	15.7	16.1	16.4	15.9	16.6
26	13.0	15.2	14.4	14.9	14.5	15.5
27	09.7	11.4	10.4	11.1	11.1	12.5
28	16.9	15.7	16.1	16.5	16.2	15.4
29	19.5	18.0	19.3	19.1	18.0	17.7
30	14.9	14.6	15.3	15.3	14.6	13.8
31	13.1	12.7	12.5	12.7	12.2	12.9
MEANS	1015.2	1015.1	1015.1	1015.3	1015.0	1015.4
DEPARTURE FROM NORMAL	....	+0.2	....	+1.5	+0.9	+1.3

STATIONS	HIGHEST	DAY	TIME	YEAR	LOWEST	DAY	TIME	YEAR	
NUKHAIB	1025.3	16th	0600	1965	1001.4	22nd	1500	1965	1965
HAI	1021.8	16th	06409	1965	1005.3	23rd	0300	1965	
NAJAF	1024.6	16th	0600	1965	1003.0	22nd	2100	1965	
DIWANIYA	1024.2	16th	0600	1965	1004.6	23rd	0000	1965	
NASIRIYA	1023.2	16th	0600	1965	1004.9	23rd	0000	1965	
BASRAH	1023.1	16th	0600	1965	1005.6	23rd	0000	1965	
NUKHAIB	1025.6	22nd	0600	1963	1001.4	22nd	1500	1965	RECORDS
HAI	1028.0	3rd	0600	1961	999.2	27th	1500	1962	
NAJAF	1024.6	16th	0600	1965	995.8	12th	0000	1964	
DIWANIYA	1030.1	3rd	0900	1961	995.8	22nd	1300	1941	
NASIRIYA	1029.1	9th	0600	1959	998.8	27th	1200	1962	
BASRAH	1028.4	9th	0600	1959	995.9	22nd	1300	1941	

MARCH 1965.

TABLE - 3 .

المعدل اليومي للرطوبة النسبية (٪)

DAILY MEAN RELATIVE HUMIDITY (٪) OF 8 OBSERVATIONS

الأيام DAYS	سنجار SIN-JAR	موصل MO-SUL	كركوك KIR-KUK	رطبة RUT-BAH	حبانية HABB-ANIYA	بغداد BAGH-DAD	نخيب NUKH-AIB	حي HAI	نجف NA-JAF	ديوانية DIWA-NIYA	ناصرية NASI-RIYA	بصرة BAS-RAH
1	47	70	44	42	55	48	34	63	36	54	51	54
2	61	74	65	54	64	64	44	63	53	62	56	58
3	43	64	55	49	55	53	36	58	44	48	48	58
4	40	67	50	38	53	53	26	53	43	51	42	62
5	46	68	49	41	49	49	28	53	39	50	42	62
6	37	69	51	34	53	49	23	54	44	54	49	63
7	36	66	40	19	48	46	15	57	44	48	47	64
8	43	54	46	24	50	52	20	53	55	42	43	46
9	36	55	40	21	47	46	14	54	42	43	49	64
10	43	55	40	29	46	38	14	47	32	38	28	39
11	49	60	48	37	49	51	27	49	54	48	26	42
12	32	49	49	45	46	44	27	57	49	47	42	58
13	21	43	38	29	38	35	9	46	46	34	31	42
14	26	37	23	30	42	35	15	41	30	38	30	50
15	19	32	24	29	40	29	13	41	52	35	28	48
16	25	34	30	24	46	33	22	42	47	39	27	56
17	24	42	33	21	50	39	20	42	37	40	34	58
18	70	82	58	55	61	49	23	45	35	38	38	50
19	79	73	73	51	66	53	31	55	46	52	44	67
20	48	71	70	58	66	60	39	59	50	57	51	72
21	45	66	56	47	58	51	34	51	44	55	45	70
22	40	63	54	46	67	54	39	69	60	71	57	76
23	84	85	79	56	58	68	31	61	48	57	49	81
24	67	83	82	61	64	65	34	56	48	55	48	61
25	70	77	71	52	59	58	26	52	46	48	48	53
26	57	69	59	59	47	42	16	46	39	43	52	49
27	55	68	61	90	68	59	31	56	43	57	40	47
28	76	81	74	75	68	65	34	64	51	59	48	52
29	58	73	65	51	62	55	38	54	48	52	49	57
30	41	63	52	49	54	48	35	51	39	49	45	49
31	41	60	44	56	45	43	19	49	31	37	45	42
MEANS	47	63	52	45	53	50	28	53	45	48	43	55
NORMAL	٥٥	70	59	46	56	35	٥٥	56	٠٧	52	50	65

STATIONS	HIGHEST	TIME	DAY	LOWEST	TIME	DAY
SINJAR	99 %	0600	23rd	19 %	1200	15th
MOSUL	98	2100	28th	20	1500	14th
KIRKUK	100	0000	23rd	12	0900	14th
RUTBAH	98	0300	27th	5	1200	9th
HABBANIYA	94	0300	28th	16	1200	7th
BAGHDAD	94	0000	28th	12	1200	15th
NUKHAIB	63	0600	29th	7	1200	13th
HAI	87	0300	28th	22	1200	14th
NAJAF	88	0300	8th	18	1200	18th
DIWANIYA	89	2100	22nd	14	1200	17th
NASIRIYA	82	0300	26th	9	1200	16th
BASRAH	95	0000	22nd	13	1200	8th

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درجات الحرارة العظمى و الصغرى اليومية (سنتغراد)

TABLE 4 -a.

DAILY MAXIMUM AND MINIMUM TEMPERATURS (C°)

الأيام	سنجار		موصل		كركوك		خانقين		رطبة	
	SINJAR		MOSUL		KIRKUK		KHANAQIN		RUTBAH	
	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DAYS	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	16.0	9.5	16.6	11.2	20.2	15.4	29.4	10.6	18.6	11.9
2	13.6	7.7	19.3	5.8	17.4	7.6	20.6	10.0	15.2	6.0
3	16.0	8.2	19.7	5.0	19.0	6.6	20.0	7.8	17.6	3.0
4	17.8	10.2	20.2	5.3	20.0	6.9	21.7	6.1	24.8	4.7
5	19.6	9.8	21.5	6.3	23.0	7.5	25.0	7.2	28.6	8.2
6	24.0	15.2	22.8	9.3	25.5	11.4	27.2	8.9	29.0	9.0
7	24.6	14.3	28.3	9.0	28.1	12.7	30.0	11.1	34.5	13.2
8	22.1	12.0	25.6	9.4	25.0	17.0	26.1	19.4	24.4	10.5
9	20.8	13.1	24.9	8.4	24.3	11.0	27.2	11.1	34.0	10.0
10	21.4	10.2	26.6	11.8	24.8	15.4	30.6	18.9	28.4	15.2
11	17.6	9.8	21.2	10.8	21.6	13.5	28.9	14.4	24.5	11.3
12	12.5	9.1	17.3	10.6	16.0	8.8	22.2	15.0	16.0	3.5
13	13.5	4.6	17.2	0.8	16.4	2.5	17.2	3.9	12.0	-1.0
14	14.0	4.3	18.3	2.0	18.5	6.0	19.4	5.5	14.6	0.6
15	14.8	3.1	17.8	4.4	18.4	7.4	21.1	2.8	16.0	0.0
16	15.0	4.2	19.0	4.2	19.0	5.4	21.1	3.3	18.5	0.6
17	19.6	5.8	22.1	5.8	21.7	7.4	22.2	5.5	22.0	4.8
18	13.6	10.3	12.6	5.3	15.6	11.0	22.2	9.4	22.6	12.1
19	15.3	6.8	21.0	8.6	20.0	10.0	23.9	10.6	19.5	7.7
20	18.0	9.2	20.7	9.0	20.3	9.4	21.1	8.3	21.5	7.0
21	20.8	10.0	23.8	7.8	22.9	9.4	24.4	8.3	23.1	10.0
22	20.5	10.3	25.4	8.2	24.4	10.0	24.4	10.0	25.0	10.0
23	13.6	8.4	16.9	11.2	18.0	10.1	20.0	12.2	17.0	7.0
24	15.7	7.6	18.4	9.6	15.4	10.7	19.4	12.2	17.6	8.2
25	16.1	9.0	19.6	8.4	19.6	8.4	23.3	9.4	21.7	7.0
26	18.0	10.3	22.8	10.2	23.0	9.9	23.9	9.4	24.0	10.0
27	19.3	11.2	22.4	11.2	21.3	11.6	24.1	11.7	17.6	11.3
28	14.2	10.8	18.0	10.4	19.3	11.7	21.7	11.1	20.0	8.0
29	19.0	9.6	21.7	7.8	20.6	9.6	22.2	13.9	23.0	6.4
30	20.5	8.6	24.5	8.2	24.3	10.1	26.7	8.9	24.6	10.0
31	18.8	10.7	23.8	10.8	24.0	12.9	25.6	10.0	23.5	7.5
MEANS	17.6	9.5	21.0	8.0	20.9	9.9	23.3	9.9	21.8	7.6
DEPARTURE FROM NORMAL	***	***	+1.9	+2.3	+2.2	+2.1	+2.5	+1.6	+4.5	+2.1

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
SINJAR	26.7	23rd	1962	0.0	19&20th	1963
MOSUL	30.6	24th	1962	-3.9	3rd	1948
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

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TABLE 4 -b.

درجات الحرارة العظمى والصغرى اليومية (سنتغراد)

DAILY MAXIMUM AND MINIMUM TEMPERATURS (C°)

الأيام	حبانية		بغداد		نقيب		حي	
	HABBANIYA		BAGHDAD		NUKHAIB		HAI	
	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DAYS	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	23.3	13.2	24.8	13.4	20.2	11.8	21.4	11.3
2	19.6	8.4	20.0	9.4	16.9	6.3	23.8	11.0
3	20.1	4.6	20.0	5.5	15.5	3.4	21.0	8.5
4	22.0	5.1	22.0	5.0	26.0	5.2	22.4	7.6
5	25.6	7.8	26.3	6.0	30.0	8.8	25.2	8.0
6	28.6	10.1	29.5	10.7	30.4	9.3	28.8	11.0
7	33.1	11.7	31.0	11.7	33.4	10.8	31.6	11.9
8	25.5	14.4	25.5	12.8	26.7	13.2	28.6	15.0
9	28.5	9.6	28.1	10.2	32.1	10.2	29.2	12.0
10	28.0	15.6	28.6	18.2	34.1	14.7	30.8	15.0
11	26.2	14.5	25.5	16.5	25.6	15.5	26.8	15.0
12	21.3	10.5	22.5	10.1	20.4	10.8	26.6	16.0
13	16.5	3.4	15.7	4.4	15.8	4.0	18.4	8.2
14	19.5	2.4	20.3	3.5	17.4	2.5	21.8	5.0
15	19.6	2.8	20.5	4.6	18.4	3.1	21.7	5.2
16	20.0	2.8	21.3	2.5	19.2	2.1	22.4	3.3
17	22.9	3.7	22.9	3.1	22.6	4.5	24.2	5.0
18	19.2	9.7	19.1	9.8	27.0	13.9	19.2	10.4
19	21.2	8.9	22.6	11.3	23.5	11.4	26.6	13.0
20	22.6	9.6	24.0	9.2	23.6	10.1	25.8	11.0
21	24.9	10.1	24.6	9.0	23.2	11.2	26.4	11.2
22	21.7	11.6	18.9	12.4	27.5	14.2	18.8	13.0
23	21.9	12.2	20.8	12.6	20.1	11.1	24.2	12.9
24	21.1	12.0	21.2	10.5	21.6	9.1	23.2	11.0
25	25.2	9.0	24.3	9.2	24.0	8.4	26.0	11.4
26	28.3	12.2	26.3	12.8	25.5	12.8	27.8	13.0
27	24.1	12.6	23.8	13.8	23.2	13.8	25.6	13.0
28	23.4	11.3	23.6	11.6	24.0	13.9	25.2	10.0
29	24.7	10.5	24.3	9.5	24.1	14.1	26.6	12.8
30	27.0	10.0	26.4	14.3	26.6	10.7	28.5	10.2
31	26.9	14.0	27.0	11.7	25.6	12.3	28.8	11.8
MEANS	23.7	9.5	23.6	9.9	24.1	9.8	25.1	10.7
DEPARTURE FROM NORMAL	+1.1	+0.3	+1.4	+0.7	???	???	+1.6	-0.7

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
HABBANIYA	36.1	24th	1962	-2.6	1st	1936
BAGHDAD	34.2	24th	1962	-2.6	5th	1952
NUKHAIB	34.1	10th	1965	-1.4	12th	1963
HAI	35.0	24th	1962	0.0	15th	1959

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TABLE 4- c.

درجات الحرارة العظمى و الصغرى اليومية (سنتغراد)

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

	النجف		الديوانية		الناصرية		البصرة	
	NAJAF		DIWANIYA		NASIRIYA		BASRAH	
الايام	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DAYS	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	25.0	11.4	22.4	12.2	22.2	12.7	23.8	12.3
2	20.2	8.7	22.0	9.6	24.3	13.6	25.7	17.2
3	20.0	8.4	20.5	9.0	21.3	9.4	21.4	10.8
4	22.0	7.0	21.6	6.5	22.2	7.7	22.4	9.4
5	26.1	8.5	26.2	9.0	26.2	9.3	25.3	8.9
6	28.4	13.6	28.4	12.3	29.7	11.8	27.2	11.9
7	33.7	11.4	32.3	12.0	32.1	12.7	30.8	13.5
8	25.7	11.4	26.8	13.2	30.2	15.0	36.3	15.8
9	29.8	11.4	30.0	13.0	29.9	13.4	29.7	12.6
10	33.0	14.2	35.5	15.8	37.7	17.2	34.3	15.1
11	25.4	13.5	29.7	14.6	35.3	18.9	33.6	19.6
12	21.4	14.4	24.3	14.9	27.2	18.1	28.6	19.5
13	15.4	9.0	17.6	7.1	19.2	9.4	21.4	14.7
14	19.8	5.4	21.0	3.6	21.9	3.6	21.0	7.4
15	19.8	7.3	21.0	5.0	22.3	7.3	23.0	8.5
16	19.4	6.6	21.5	3.6	22.7	5.3	22.0	5.6
17	23.1	7.4	23.8	5.2	24.2	6.7	23.2	5.6
18	24.2	11.5	23.4	12.0	21.2	10.7	23.6	11.0
19	24.5	11.3	25.0	11.0	27.2	13.0	29.9	15.1
20	24.4	11.0	25.4	11.8	25.8	11.2	25.0	14.2
21	24.8	12.9	25.2	11.1	27.5	12.5	27.4	15.1
22	23.0	14.6	22.0	15.6	26.0	16.6	26.1	15.6
23	23.0	9.5	24.6	14.8	25.3	16.9	25.1	16.6
24	23.0	12.2	24.5	10.3	25.4	12.5	27.2	13.4
25	25.6	11.4	26.5	10.0	27.1	11.4	27.3	13.1
26	27.0	13.0	28.4	13.0	26.9	12.1	26.7	13.3
27	26.1	15.2	26.4	13.0	28.7	15.0	31.0	14.5
28	24.5	11.5	26.0	10.5	26.4	12.2	26.9	15.0
29	26.0	11.5	26.6	12.2	27.3	11.8	27.4	14.8
30	26.2	12.7	28.0	10.6	28.4	12.2	28.2	14.0
31	28.4	15.2	28.9	14.0	29.6	13.4	31.4	13.2
MEANS	24.5	11.1	25.3	10.9	26.5	12.0	25.9	13.1
DEPARTURE FROM NORMAL	....	....	+1.4	+2.0	+2.0	+1.1	+2.4	+0.5

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
NAJAF	33.7	7th	1965	2.2	20th	1963
DIWANIYA	36.1	14th	1944	-3.2	1st	1959
NASIRIYA	39.3	16th	1959	0.0	4th	1959
BASRAH	37.6	27th	1962	1.9	9th	1959

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
SINJAR	....	10.7	13.3	15.4	16.7	16.1	13.5	....	14.3
MOSUL	9.8	8.8	12.3	18.4	20.1	17.9	13.9	11.6	14.1
KIRKUK	12.1	11.2	15.2	18.7	20.1	18.0	14.8	13.0	15.4
KHANAQIN	....	11.3	16.8	21.4	22.3	20.2	16.4	....	18.1
RUTBAH	9.6	8.4	12.8	18.6	21.1	19.2	14.5	11.5	14.5
HABBANIYA	12.0	10.7	15.1	21.6	23.3	20.1	15.5	13.5	16.5
BAGHDAD	12.7	10.9	15.6	20.8	23.2	20.9	16.7	14.4	16.9
NUKHAIB	....	....	14.6	20.9	23.3	21.8	....	....	20.2
HAI	12.5	11.3	16.6	22.9	24.7	21.5	17.3	....	18.1
NAJAF	13.8	11.7	16.0	21.6	23.9	22.3	18.6	16.1	18.0
DIWANIYA	13.0	11.5	16.9	22.8	24.7	22.5	17.6	15.1	18.0
NASIRIYA	14.2	12.8	17.7	24.0	25.8	23.7	19.2	16.4	19.2
BASRAH	15.3	14.0	19.1	24.8	25.7	22.3	18.9	16.8	19.6

TABLE 6. MONTHLY MEAN VAPUR-PRESSURE (MILLIBARS) المعدل الشهري لضغط البخار (ملليبارات)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	....	6.8	7.7	7.9	8.5	7.7	7.4	....	7.7
MOSUL	9.5	9.2	10.0	10.8	9.8	10.2	10.5	9.9	10.0
KIRKUK	8.4	8.3	9.3	9.2	8.3	8.9	9.3	8.8	8.8
KHANAQIN	....	8.6	8.9	8.7	8.6	9.4	9.5	....	9.0
RUTBAH	6.5	6.7	6.5	7.2	7.1	7.3	7.4	6.9	7.0
HABBANIYA	7.4	9.2	10.4	9.2	9.0	10.2	10.0	9.5	9.4
BAGHDAD	9.3	9.2	9.9	9.5	9.0	9.3	9.5	9.3	9.4
NUKHAIB	....	....	6.6	6.2	5.5	5.6	....	....	6.0
HAI	9.9	9.7	11.2	11.3	10.5	11.0	10.8	....	10.6
NAJAF	8.6	8.6	9.1	9.0	8.8	8.9	9.4	9.0	8.9
DIWANIYA	9.4	9.1	10.3	9.7	9.2	9.7	9.9	10.0	9.7
NASIRIYA	9.0	8.8	9.5	8.9	8.5	9.4	9.9	10.0	9.3
BASRAH	12.1	11.8	13.0	12.2	12.0	12.5	12.9	12.6	12.4

TABLE 7 MONTHLY MEAN WET-BULB TEMPERATURES (C°) معدل حرارة البصلة الرطبة

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	....	6.7	8.2	9.9	10.5	10.0	8.5	....	9.0
MOSUL	8.0	7.3	9.6	12.9	13.2	12.4	10.7	9.3	10.4
KIRKUK	8.5	7.9	10.5	12.2	12.3	11.7	10.4	9.2	10.3
KHANAQIN	....	7.9	11.1	13.1	13.6	13.0	11.3	....	11.8
RUTBAH	6.1	5.4	8.2	11.1	12.2	11.4	9.1	7.2	8.9
HABBANIYA	9.0	8.2	11.1	13.5	14.1	13.4	11.2	9.9	11.3
BAGHDAD	9.3	8.4	11.1	13.0	14.0	13.0	11.7	10.3	11.3
NUKHAIB	....	....	8.7	11.6	12.2	11.6	....	....	11.6
HAI	9.7	9.0	12.3	15.2	15.6	14.5	12.5	....	12.7
NAJAF	9.5	8.5	10.9	13.3	13.9	13.6	12.1	10.9	11.6
DIWANIYA	9.8	8.6	12.0	14.6	14.9	13.9	12.1	10.9	12.1
NASIRIYA	9.9	9.1	11.9	14.4	15.0	14.5	12.8	11.6	12.4
BASRAH	12.3	11.5	14.5	16.7	16.7	15.6	14.3	13.3	14.2

TABLE 8. MONTHLY MEAN DEW-POINT (C°) (سنتغراد) معدل درجة الندى

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	....	0.6	2.3	2.9	2.6	2.3	1.7	....	2.1
MOSUL	5.5	5.1	6.3	7.5	6.1	6.6	6.8	6.1	6.3
KIRKUK	3.8	3.5	5.1	4.9	3.5	4.4	5.1	4.4	4.3
KHANAQIN	....	5.0	5.2	5.3	5.0	5.1	5.9	....	5.3
RUTBAH	-0.3	0.7	1.7	0.7	1.1	1.2	1.5	0.6	0.9
HABBANIYA	5.8	5.3	7.0	5.2	4.8	6.6	6.5	5.8	5.9
BAGHDAD	5.3	5.3	6.1	5.4	4.8	5.3	5.4	5.2	5.3
NUKHAIB	....	....	0.0	-0.7	-2.5	-1.8	....	....	-1.3
HAI	6.5	6.2	8.3	8.4	7.3	8.0	7.8	....	7.5
NAJAF	4.5	4.5	5.2	5.3	4.6	4.7	5.1	5.1	4.9
DIWANIYA	5.7	5.1	6.9	5.8	4.9	5.7	6.3	6.3	5.8
NASIRIYA	4.8	4.5	5.7	4.5	3.7	6.3	6.2	6.1	5.2
BASRAH	9.4	9.0	10.4	9.3	9.1	9.9	10.3	11.0	10.1

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TABLE - 9. المعدل الشهري للرطوبة النسبية (٪)

MONTHLY MEAWN RELATIVE HUMIDITY (٪)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	"	52	54	45	42	43	48	"	47
MOSUL	77	79	68	51	43	50	65	72	63
KIRKUK	61	63	54	44	37	44	55	59	52
KHANAQIN	"	65	47	35	32	41	52	"	45
RUTBAH	53	60	50	35	31	34	45	51	45
HABBANIYA	64	70	59	36	32	44	57	61	53
BAGHDAD	63	69	55	38	33	37	53	55	50
NUKHAIB	"	"	39	25	19	22	"	"	26
HAI	67	71	60	40	34	43	58	"	53
NAJAF	55	63	50	36	31	33	42	49	45
DIWANIYA	62	66	53	35	29	37	49	57	49
NASIRIYA	55	58	46	30	22	31	44	53	42
BASRAH	70	73	58	39	37	47	69	66	56

TABLE - 10 MONTHLY MEWN PRESSURE (mbs) AT M.S.L. المعدل الشهري لضغط الجوي على سطح البحر (بالملبارات)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	"	15.8	17.3	16.6	15.6	15.4	16.7	"	16.2
MOSUL	16.7	17.0	18.3	16.7	15.0	15.0	16.3	16.6	16.4
KIRKUK	15.8	16.1	16.6	16.1	14.5	14.7	15.8	16.0	15.7
KHANAQIN	"	17.0	16.2	16.0	14.0	14.2	16.0	"	15.7
RUTBAH	15.2	15.7	16.7	15.9	13.9	14.3	15.5	15.5	15.3
HABBANIYA	15.1	15.4	16.6	15.9	14.3	14.3	15.2	15.3	15.3
BAGHDAD	15.0	15.5	16.6	16.3	14.6	14.5	15.2	15.3	15.4
NUKHAIB	"	"	17.0	15.8	13.9	14.0	"	"	15.2
HAI	14.7	15.0	16.1	15.6	14.0	13.5	14.8	"	14.8
NAJAF	14.9	15.0	16.0	16.0	14.1	14.0	15.0	15.2	15.0
DIWANIYA	15.2	15.8	16.5	16.3	14.4	14.4	15.4	15.5	15.4
NASIRIYA	14.5	15.1	16.3	15.7	13.8	13.8	15.0	15.0	14.9
BASRAH	15.2	15.7	16.8	16.1	11.5	14.5	15.4	15.5	15.1

TABLE- 11. MONTHLY MEAN LOW CLOUD AMOUNT (OKTAS) معدل كمية الغيوم الواطئة (اثمان)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	"	1.3	0.5	1.9	1.7	1.6	1.0	"	1.3
MOSUL	2.4	3.0	2.7	2.8	3.2	2.5	2.0	1.9	2.6
KIRKUK	1.6	2.4	2.4	2.9	2.5	2.5	1.5	1.4	2.2
KHANAQIN	"	3.0	3.0	3.0	4.0	3.4	2.0	"	3.1
RUTBAH	0.7	1.2	1.2	1.5	1.7	1.8	1.0	0.9	1.3
HABBANIYA	0.3	0.6	0.4	1.1	1.3	0.7	0.1	0.5	0.6
BAGHDAD	0.0	0.5	0.5	0.9	1.5	0.8	0.1	0.0	0.5
NUKHAIB	"	"	0.5	0.6	0.8	0.6	"	"	0.6
HAI	0.1	0.3	0.7	0.9	0.9	0.8	0.2	"	0.5
NAJAF	0.1	0.3	0.4	0.6	1.0	1.0	0.4	0.2	0.5
DIWANIYA	0.5	0.7	0.7	0.7	1.1	0.9	0.3	0.2	0.6
NASIRIYA	0.2	0.5	1.3	1.1	1.8	1.5	0.6	0.5	0.9
BASRAH	0.5	0.8	1.0	0.6	0.7	0.5	0.5	0.3	0.6

TABLE -12. MONTHLY MEAN TOTAL CLOUD AMOUNT (OKTAS) مجموع كمية الغيوم (اثمان)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS.
SINJAR	"	3.7	4.6	4.5	4.4	4.0	2.4	"	3.9
MOSUL	3.4	4.0	4.7	4.8	5.2	4.7	3.2	2.7	4.1
KIRKUK	2.8	3.2	3.6	3.8	4.0	3.8	2.1	1.9	3.2
KHANAQIN	"	3.5	4.0	4.0	4.2	4.3	3.0	"	3.8
RUTBAH	2.7	3.2	3.7	3.6	3.9	3.8	2.5	2.4	3.2
HABBANIYA	2.7	3.2	3.1	3.5	3.7	3.3	2.1	2.1	3.0
BAGHDAD	2.2	3.3	3.7	3.7	4.0	3.7	1.7	1.9	3.0
NUKHAIB	"	"	3.0	3.3	3.5	3.0	"	"	3.2
HAI	2.0	3.0	3.3	3.2	3.6	3.7	2.4	"	3.0
NAJAF	1.6	1.8	3.0	3.5	3.9	4.0	2.2	1.6	2.7
DIWANIYA	1.5	2.1	2.5	3.0	3.7	3.6	2.1	1.2	2.5
NASIRIYA	1.6	2.4	3.0	2.6	3.2	3.1	2.3	2.3	2.6
BASRAH	2.0	2.8	3.1	3.2	3.9	3.2	2.2	2.1	2.7

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آذار ١٩٦٥

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	مع ساكن CALM	SPEED IN KNOTS السرعة بالعقد 1-10	11-21	22-33	34	معدل السرعة بالعقد MEANS V.K.
سنجار SINJAR	0300	11	3	5	0	1	0	7	1	3	24	4	0	0	6
	0600	6	2	8	0	2	0	3	2	8	20	2	1	0	5
	0900	1	0	9	0	8	0	8	1	4	24	3	0	0	5
	1200	2	1	11	1	6	0	6	1	3	23	5	0	0	7
	1500	2	0	4	1	4	0	10	1	9	19	3	0	0	5
	1800	9	2	3	0	2	1	6	4	4	25	1	1	0	5
	TOTAL	31	8	40	1	23	1	40	10	31	135	18	2	0	6
موصل MOSUL	0000	1	1	1	2	2	0	7	4	13	17	1	0	0	3
	0300	2	0	2	2	2	1	11	5	6	25	0	0	0	4
	0600	6	2	3	0	2	0	6	9	3	26	2	0	0	5
	0900	4	0	10	3	2	1	3	6	2	25	3	1	0	7
	1200	1	1	4	7	4	0	8	4	2	26	2	1	0	6
	1500	2	1	4	1	3	0	11	4	5	24	2	1	0	5
	1800	0	1	2	1	2	1	12	3	9	18	4	0	0	5
	2100	0	0	3	3	2	1	8	2	12	18	0	1	0	4
	TOTAL	16	6	29	19	19	4	66	37	52	179	14	3	0	5
كركوك KIRKUK	0000	0	12	2	2	0	0	0	0	15	14	1	1	0	4
	0300	0	9	6	1	0	0	0	0	15	13	3	0	0	3
	0600	0	2	4	0	3	0	0	0	22	7	2	0	0	2
	0900	0	3	0	1	4	3	7	0	13	17	1	0	0	3
	1200	2	3	2	1	3	3	12	0	5	23	3	0	0	5
	1500	3	1	0	1	2	0	12	0	12	16	2	1	0	4
	1800	0	4	4	0	0	0	0	0	23	7	1	0	0	2
	2100	0	10	4	0	0	0	0	0	17	13	1	0	0	3
	TOTAL	5	44	22	6	12	6	31	0	122	110	14	2	0	3
خانقين KHANAQIN	0300	0	1	11	3	4	0	1	0	11	18	0	2	0	5
	0600	0	1	3	1	7	0	3	2	14	15	0	1	1	5
	0900	4	0	1	1	10	0	4	4	7	20	1	1	2	7
	1200	0	0	0	0	13	0	12	4	2	23	2	1	1	6
	1500	4	0	1	1	7	1	5	11	1	26	2	2	0	6
	1800	1	0	6	2	4	0	5	3	10	20	0	1	0	5
	TOTAL	9	2	22	8	45	1	30	24	45	122	5	10	4	7
رطبة RUTBAH	0000	2	0	2	1	2	0	8	1	15	13	3	0	0	5
	0300	1	0	1	0	6	1	11	1	10	18	3	0	0	5
	0600	1	0	3	1	5	3	9	4	5	16	9	1	0	6
	0900	3	0	5	3	3	2	11	4	0	19	12	0	0	6
	1200	3	0	1	3	5	2	11	4	2	16	13	0	0	6
	1500	5	0	1	5	2	3	11	3	1	24	6	0	0	7
	1800	3	0	0	7	0	2	7	4	8	15	7	1	0	7
	2100	0	0	1	3	1	0	6	6	14	9	8	0	0	6
	TOTAL	18	0	25	13	27	9	74	27	55	130	61	2	0	7

TABLE 13-b. عدد تكرار رصدات الرياح السطحية

SURFACE-WIND NUMBER OF OBSERVATIONS OF:

STATIONS المحطة	TIME GMT. وقت غرينتش	DIRECTION الاتجاه N	NE	E	SE	S	SW	W	NW	CALM هادئ	SPEED IN KNOTS السرعة بالعقد 1-10	11-21	22-33	34	MEAN V. K. معدل السرعة بالعقد
HABBANIYA حبانية	0000	0	0	3	1	2	1	7	4	13	13	5	0	0	5
	0300	1	1	5	0	1	1	15	1	6	20	5	0	0	6
	0600	2	0	2	3	0	2	14	5	3	17	11	0	0	8
	0900	1	2	1	4	3	0	11	9	0	15	16	0	0	12
	1200	3	1	4	1	1	1	8	11	1	16	13	1	0	11
	1500	3	4	1	2	0	0	5	11	5	20	6	1	0	6
	1800	1	3	1	3	0	0	4	6	13	14	3	1	0	4
	2100	1	2	4	2	2	0	6	2	12	15	4	1	0	5
	TOTAL	12	13	21	16	9	5	70	49	53	130	63	2	0	7
BAGHDAD بغداد	0000	4	1	1	6	0	1	2	9	7	18	6	0	0	7
	0300	1	1	2	3	2	1	4	10	7	19	4	1	0	6
	0600	1	0	2	5	0	2	4	16	1	22	8	0	0	9
	0900	3	0	2	6	2	1	7	10	0	18	13	0	0	11
	1200	2	2	2	5	1	2	5	11	1	16	14	0	0	11
	1500	2	3	0	5	0	0	3	15	3	20	8	0	0	8
	1800	3	1	3	4	1	1	1	11	6	21	3	1	0	6
	2100	3	1	1	5	0	0	1	10	10	15	4	2	0	7
	TOTAL	19	9	13	39	6	8	27	92	35	149	60	4	0	8
NUKHAIB نخيب	0600	7	1	2	2	3	2	2	5	7	10	14	0	0	9
	0900	4	1	1	2	5	1	2	7	8	7	16	0	0	10
	1200	10	1	1	3	4	1	4	2	5	14	12	0	0	9
	1500	8	4	2	4	1	2	3	2	5	15	6	0	0	7
	TOTAL	29	7	6	11	13	6	11	16	25	49	50	0	0	9
HAI حي	0000	2	0	5	2	1	0	9	5	7	20	4	0	0	5
	0300	2	0	2	4	2	0	9	5	7	22	2	0	0	5
	0600	2	0	1	6	1	4	9	3	5	24	2	0	0	6
	0900	2	0	4	1	2	3	10	6	3	23	5	0	0	7
	1200	2	1	2	3	1	2	8	7	5	18	8	0	0	9
	1500	0	0	3	4	1	0	12	7	5	21	5	0	0	6
	1800	0	0	2	3	2	0	9	7	8	20	3	0	0	5
	TOTAL	10	1	19	23	10	9	66	40	40	148	29	0	0	7
NAJAF نجف	0000	14	3	2	2	4	0	3	2	1	26	4	0	0	5
	0300	12	1	4	0	2	0	5	6	1	27	3	0	0	6
	0600	13	2	3	2	1	0	7	3	0	26	5	0	0	7
	0900	13	3	1	2	6	0	2	4	0	24	6	1	0	9
	1200	14	3	2	2	2	1	3	4	0	20	10	1	0	10
	1500	15	4	3	1	3	1	1	3	0	26	4	1	0	9
	1800	16	0	4	3	2	1	0	4	1	26	4	0	0	7
	2100	13	2	2	1	3	1	5	2	2	26	3	0	0	6
	TOTAL	110	18	21	13	23	4	26	28	5	201	39	3	0	8

TABLE 13-c. 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	CALM ساكن	SPEED IN KNOTS السرعة بالعقد 1-10	11-21	22-33	34	معدل السرعة بالعقد MEAN V.K.
ديوانية DIWANIYA	0000	2	1	2	3	1	0	11	1	10	18	3	0	0	5
	0300	3	1	4	2	1	0	11	2	7	21	3	0	0	5
	0600	4	0	4	2	1	0	13	4	3	21	6	1	0	8
	0900	8	0	3	4	2	0	11	2	1	14	16	0	0	10
	1200	8	1	4	3	1	0	8	5	1	15	15	0	0	10
	1500	8	2	3	3	0	0	7	7	1	24	5	1	0	7
	1800	3	2	2	2	1	0	10	3	8	20	3	0	0	5
	2100	4	1	1	6	2	0	10	1	6	22	3	0	0	5
	TOTAL	40	8	23	25	9	0	81	25	37	155	54	2	0	7
ناصرية NASIRIYA	0000	2	1	0	4	3	1	8	8	4	26	1	0	0	5
	0300	1	1	1	2	4	3	9	6	4	27	0	0	0	4
	0600	3	1	2	2	4	2	9	7	1	27	3	0	0	7
	0900	3	0	1	2	5	0	7	13	0	19	12	0	0	9
	1200	5	2	1	2	1	2	4	13	1	20	10	0	0	9
	1500	8	2	1	3	2	0	3	11	1	27	3	0	0	6
	1800	3	0	1	7	1	0	3	14	2	26	3	0	0	6
	2100	1	0	1	4	4	0	6	9	6	23	2	0	0	5
	TOTAL	26	7	8	26	24	8	49	81	19	195	34	0	0	6
بصرة BASRAH	0000	[illegible]	1	1	[illegible]	[illegible]	1	8	[illegible]	[illegible]	27	3	1	0	6
	0300	[illegible]	0	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	28	3	0	0	5
	0600	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	25	6	0	0	7
	0900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	16	15	0	0	9
	1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	16	14	1	0	10
	1500	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	28	3	0	0	7
	1800	1	4	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	28	2	0	0	6
	2100	[illegible]	1	[illegible]	0	[illegible]	0	[illegible]	[illegible]	[illegible]	26	3	0	0	6
	TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	194	49	2	0	7

TABLE 14. اعلى سرعة رياح خلال ساعة

HIGHEST WIND-SPEED, DURING ONE HOUR.

STATIONS	HIGHEST WIND, SPEED DURING ONE HOUR (V.K.)	DIRECTION	TIME GMT.	DAY
SINJAR	24	330	1800	12th
MOSUL	28	170	2100	22nd
KIRKUK	25	130	0000	10th
KHANAQIN	39	180	0900	10th
RUTBAH	26	090	1800	26th
HABBANIYA	22	120	1800	9th
BAGHDAD	32	250	0300	23rd
NUKHAIB	25	290	0900	1st
HAI	20	090	1200	1st
NAJAF	28	150	1200	1st
DIWANIYA	23	180	0600	1st
NASIRIYA	19	120	1200	1st
BASRAH	23	130	0000	12th

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القراءات اليومية لحرارة العشب والتربة (المنفراد) والتبخر (طابق رك)

DAILY GRASS MINIMUM TEMPERATURES C° , and, SOIL TEMPERATURES C° OF 0.3 & 1.2 M , and EVAPORATION

STATIONS	MOSUL	KIRKUK			HARBANIYA			BAGHDAD			NAJAF		NASIRIYA			BASRAH	BAGHDAD
DAYS	0.3M	GRASS	0.3M	1.2M	GRASS	0.3M	1.2M	GRASS	0.3M	1.2M	0.3M	1.2M	GRASS	0.3M	1.2M	GRASS	EVAPORATION (MM)
1	9.6	12.4	12.8	14.3	13.2	16.7	17.7	12.8	16.7	18.4	17.8	19.2	11.5	18.0	19.0	4.3	6.0
2	9.4	2.4	12.7	14.3	7.5	16.6	17.8	5.4	16.2	17.5	15.5	18.7	12.2	18.0	19.1	8.2	5.0
3	9.8	2.5	12.5	14.4	3.9	16.7	17.8	2.0	15.6	18.6	15.2	18.2	8.4	18.2	19.1	6.0	1.0
4	9.8	2.4	12.7	14.4	3.4	16.5	17.8	1.2	15.6	18.8	15.6	18.8	6.9	17.7	19.2	1.0	7.0
5	9.8	3.4	12.8	14.5	7.1	16.7	17.8	3.2	15.6	18.2	15.7	18.9	8.6	17.6	19.3	1.6	4.0
6	10.0	6.5	13.6	14.6	8.3	17.2	17.9	6.9	16.7	18.6	17.7	19.0	11.1	18.5	19.4	4.0	3.0
7	10.4	8.0	14.4	14.7	9.5	18.2	17.9	6.6	17.7	18.8	18.2	19.3	11.9	19.6	19.4	5.5	4.0
8	11.0	13.4	15.0	14.9	12.2	19.0	18.1	8.7	18.6	18.7	18.4	19.6	14.0	20.7	19.4	6.8	7.0
9	11.4	7.7	15.0	15.0	7.2	19.2	18.2	4.8	18.5	19.0	17.8	19.0	12.3	20.7	19.5	4.4	5.0
10	11.8	10.5	15.5	15.0	14.4	19.5	18.4	16.8	19.8	19.0	19.0	19.2	16.1	21.3	19.6	6.5	6.0
11	12.2	6.3	15.5	15.4	13.6	19.6	18.4	13.5	20.0	19.2	19.2	19.4	17.3	22.7	19.7	14.5	7.0
12	12.4	3.6	15.0	15.5	8.9	19.5	18.6	8.0	19.2	19.4	19.3	19.2	17.4	23.3	19.9	16.3	4.0
13	12.0	-2.5	14.2	15.6	2.5	19.0	18.8	1.9	18.0	19.4	15.0	18.0	9.1	21.1	20.1	10.7	6.0
14	11.1	1.5	13.9	15.7	1.1	17.4	18.9	-1.0	16.5	19.5	15.4	17.5	2.9	19.4	20.1	2.5	4.0
15	11.0	3.2	13.9	15.6	1.7	17.8	18.9	0.2	16.1	19.5	16.0	20.7	6.2	18.8	20.4	3.5	9.0
16	11.2	2.8	13.3	15.8	0.3	17.5	18.9	-2.0	16.0	19.6	16.0	20.5	4.2	18.4	20.5	1.4	6.0
17	11.4	1.0	13.3	15.8	1.2	17.4	18.9	-0.5	16.1	19.6	15.8	20.2	5.9	18.3	20.5	1.1	7.0
18	11.6	5.2	13.9	15.6	7.8	17.7	18.9	5.8	16.8	19.5	17.8	20.1	9.5	18.9	20.5	7.5	5.0
19	11.8	6.5	13.3	15.6	7.2	16.8	18.9	9.3	16.6	19.2	17.5	20.1	11.5	18.4	20.5	10.3	3.0
20	11.8	5.6	13.9	15.6	9.4	18.1	18.9	5.6	17.5	19.5	17.2	19.9	10.6	20.0	20.5	6.5	4.0
21	12.2	5.0	14.3	15.6	8.9	19.2	18.9	6.2	18.0	19.5	18.9	20.2	11.0	20.3	20.4	9.0	6.0
22	12.6	6.0	14.6	15.8	10.9	19.9	18.9	9.5	18.5	19.5	19.5	20.0	16.3	21.3	20.5	9.0	4.0
23	12.4	9.9	15.5	16.0	12.2	19.5	18.9	9.1	19.5	17.2	18.7	20.0	16.0	21.1	20.5	15.0	--
24	12.6	7.5	14.9	15.8	11.1	19.5	19.0	8.0	17.0	19.6	18.8	20.6	12.0	21.1	20.6	8.4	3.0
25	12.4	5.2	14.2	16.1	7.9	19.9	19.1	4.0	17.0	19.6	19.3	20.8	10.1	21.2	20.6	6.1	5.0
26	12.8	7.2	15.0	16.0	11.4	20.7	19.2	8.5	18.0	19.6	20.3	20.9	10.4	21.8	20.6	4.5	3.0
27	12.8	8.0	15.5	16.0	11.1	21.1	19.5	11.0	18.5	19.6	20.0	21.1	13.4	21.8	20.7	8.9	8.0
28	12.6	10.1	15.1	16.1	10.7	20.3	19.5	8.4	17.8	19.6	19.8	21.4	11.1	22.4	20.9	8.1	3.0
29	13.0	6.1	15.4	16.1	8.9	20.9	20.0	9.0	18.6	19.8	20.2	20.5	11.2	22.3	21.0	7.3	3.0
30	13.3	3.8	15.5	16.1	7.8	21.6	19.5	10.1	19.0	20.0	20.4	21.6	11.5	22.4	21.0	9.0	6.0
31	13.8	8.6	16.3	16.4	12.1	21.6	19.5	7.2	19.4	20.0	20.6	21.4	12.2	23.4	21.1	5.0	5.0
MEANS	11.6	5.9	14.3	15.4	8.2	18.8	18.4	6.4	17.6	19.2	18.0	19.8	11.1	20.3	20.8	6.9	5.0

EVAPORATION FROM 4 FT. DIA. SUNKEN PAN GLASS A

TABLE - 17.

CLIMATOLOGICAL SUMMARY الملخصات المناخية

NUMBER OF DAYS FOR THE CASES OF PHENOMENA : عدد الأيام التي حدثت فيها الظواهر الجوية

STATIONS	RAIN	SNOW	HAIL	THUNDER STORM	FOG	MIST	HAZE	RISING DUST	SUSPENDED DUST	DUST STORM	GROUND FROST	STATE OF SKY CLEAR	STATE OF SKY CLOUDY
SINJAR	5	0	0	0	0	0	0	0	0	0	0	5	3
MOSUL	9	0	0	1	0	1	2	2	2	0	0	3	4
KIRKUK	6	0	0	3	0	0	4	2	2	0	0	10	3
KHANAQIN	6	0	0	4	1	2	0	0	0	4	0	5	5
RUTBAH	2	0	0	0	0	0	0	5	0	0	1	6	1
HABBANIYA	2	0	1	1	0	0	4	5	5	2	0	9	2
BAGHDAD	3	0	0	2	0	1	8	7	4	2	2	7	2
NUKHAIB	0	0	0	0	0	0	0	10	0	5	0	10	3
HAI	5	0	0	2	0	0	1	3	2	0	0	9	1
NAJAF	0	0	0	0	0	0	0	2	2	2	0	8	1
DIWANIYA	4	0	0	2	0	1	0	4	5	1	0	14	2
NASIRIYA	1	0	0	2	0	1	3	11	19	2	0	12	3
BASRAH	4	0	0	4	0	0	4	1	10	0	0	12	0

TABLE - 18.

DURATION OF SUNSHINE : مدة سطوع الشمس بالساعات

STATION	MONTHLY TOTAL SUNSHINE HOURS	MAX. SUNSHINE DURING ONE DAY HOURS	MAX. SUNSHINE DURING ONE DAY DAY	NO. OF DAYS WITHOUT SUNSHINE
MOSUL	246.2	11.8	14th	2
HABBANIYA	248.5	11.4	29th	0
BAGHDAD	228.2	11.1	29th	2
BASRAH	264.7	11.2	14&16th	0

الجمهورية العراقية

وزارة المواصلات

مديرية الطيران المدني العامة

شعبة الانواء الجوية العامة

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 لشهر نيسان ١٩٦٥

مجلد ٢٨ ، عدد (٤) ، نيسان ١٩٦٥

MONTHLY CLIMATOLOGICAL DATA FOR APRIL 1965

VOLUME 28 , No. (4), A P R I L 1965

اعداد و تنظيم و طبع و توزيع من قبل شعبة المناخ

PREPARED, ARRANGED, PRINTED & DISTRIBUTED BY

CLIMATOLOGICAL SECTION

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(a)

نيسان ١٩٦٥

كان الجو متغيرا بين الغائم و الغائم جزئيا معظم ايام الشهر .

في المنطقة الشمالية من العراق تساقطت امطار معدية بعواصف رعدية و ترابية في عشرة ايام متفرقة منه . اما في المنطقتين الوسطى و الجنوبية فقد كان قليل الامطار و لكنه متغيرا بسبب تصاعد الغبار المحلي و الزوابع الترابية في اكثر من (١٥) يوما متفرقة منه .

اما درجات الحرارة في هذا الشهر فكانت اقل من معدلاتها في كافة انحاء العراق .

APRIL 1965

The weather varied between cloudy and partly cloudy in most days of the month .

In Northern Part of Iraq frequent rainfall accompanied in most cases with thunderstorms and dustatorms in ten different days of the month . While in Central and Southern areas dry weather prevailed with rainfall much below the normal, mainly hazy due to local dust and dustatorms which occurred in more than 15 different days of the month .

Temperatures were below the normal in all Parts of the Country .

APRIL 1965.

TABLE 1-a.

نيسان ١٩٦٥

(١)

المعدل اليومي لدرجات الحرارة (سنتغراد)

DAILY MEAN TEMPERATURE (C°) @ 8 OBSERVATIONS

الايام	سنجار	موصل	كركوك	رطبة	حبانية	بغداد
DAYS	SINJAR	MOSUL	KIRKUK	RUTBAH	HABBANIYA	BAGHDAD
1	11.4	13.5	15.1	13.4	17.6	18.6
2	11.7	12.5	14.3	13.3	17.4	17.5
3	6.8	9.9	10.3	10.8	15.2	15.6
4	4.4	6.3	6.3	8.4	10.8	12.1
5	5.5	6.8	7.6	9.8	12.5	12.3
6	8.4	9.9	10.9	12.1	15.9	15.0
7	10.3	12.3	13.3	13.8	17.1	17.4
8	9.2	9.4	11.4	11.4	16.5	17.5
9	13.1	11.9	13.0	11.7	14.5	14.8
10	14.3	12.9	14.8	15.9	16.5	16.9
11	14.6	15.2	16.4	20.3	19.2	18.3
12	9.3	11.6	13.6	14.8	18.4	17.4
13	11.6	13.4	14.1	15.1	18.1	18.1
14	12.5	14.6	15.8	17.2	19.8	20.2
15	11.9	16.2	17.7	16.8	21.4	22.2
16	18.4	17.0	17.8	19.8	22.4	22.5
17	16.9	19.0	20.2	23.4	24.6	24.2
18	16.7	19.3	20.4	17.3	22.3	25.0
19	15.5	14.6	13.5	15.7	17.1	18.5
20	14.9	16.2	15.5	15.7	18.7	19.3
21	16.0	16.8	16.6	16.4	19.6	20.3
22	17.6	18.2	18.3	18.3	21.0	20.9
23	18.6	19.4	20.6	20.8	23.3	22.9
24	21.9	22.0	23.0	23.4	24.7	23.9
25	23.4	13.2	24.3	25.2	26.9	26.3
26	24.3	23.7	25.4	24.9	28.6	28.2
27	25.7	24.5	26.1	27.6	29.0	28.7
28	15.2	18.7	22.3	20.5	25.1	26.5
29	17.2	18.6	19.5	17.1	22.1	23.4
30	20.3	20.2	20.7	19.4	23.4	24.0
MEANS	14.6	15.3	16.6	17.0	20.0	20.3
DEPARTURE FROM NORMAL	....	-2.0	-2.8	-1.2	-1.5	-1.7

NOTE: AT SINJAR, OBSERVATIONS 0000 & 2100 ARE MISSED.

T I M E - G.M.T.

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

APRIL 1965. نيسان ١٩٦٥

TABLE 4 جدول ٤

المعدل اليومي لدرجات الحرارة (سنغراد) DAILY MEAN TEMPERATURE (C°) OF 8 OBSERVATIONS

الأيام	نخيب	حي	نجف	ديوانية	ناصرية	بصرة
DAYS	NUKHAIB	HAI	NAJAF	DIWANIYA	NASIRIYA	BASRAH
1	19.7	22.4	19.4	21.5	24.2	25.0
2	19.5	19.1	18.7	19.6	20.3	20.8
3	17.8	18.1	17.7	19.1	20.7	22.4
4	13.8	14.4	14.1	13.1	15.5	16.7
5	13.9	13.3	13.6	14.1	14.9	15.9
6	15.3	15.4	14.9	15.5	15.3	16.4
7	[illegible]	[illegible]	17.0	17.6	17.3	18.3
8	16.2	18.2	17.7	18.9	18.8	19.6
9	18.4	16.6	15.5	16.0	16.1	18.4
10	18.9	18.1	17.6	18.4	18.0	18.6
11	22.7	18.5	19.2	18.7	20.2	21.1
12	20.1	16.5	18.0	17.5	19.4	21.7
13	19.4	19.1	19.4	19.4	20.2	21.0
14	23.8	21.0	20.8	21.3	22.0	22.1
15	25.2	21.7	22.7	22.8	23.4	22.8
16	25.9	23.3	23.6	24.5	25.0	23.9
17	26.2	23.6	24.0	24.4	25.4	25.4
18	22.7	25.4	24.8	27.0	26.4	25.5
19	20.9	19.8	20.1	20.9	22.1	23.8
20	21.1	20.5	21.7	20.9	22.0	22.1
21	21.8	21.9	21.8	22.2	22.0	22.7
22	23.9	24.9	22.1	22.5	22.1	22.6
23	27.2	23.9	24.5	24.4	24.5	23.2
24	29.5	24.4	26.6	25.9	26.0	25.3
25	31.5	25.3	26.2	27.4	27.0	26.6
26	31.6	26.3	28.2	28.1	28.0	26.8
27	32.8	27.0	29.6	29.0	28.3	27.9
28	32.7	27.3	28.2	29.4	29.5	28.6
29	28.7	26.7	24.4	26.3	28.3	29.0
30	28.4	23.8	21.5	22.8	25.3	27.6
MEAN ؟	22.9	21.0	21.2	21.6	22.3	22.7
DEPARTURE FROM NORMAL ؟	.....	-2.1	.....	-4.2	-1.4	-1.4

NOTE : AT NUKHAIB OBSERVATIONS 0000 , 0300, 1800 & 2100 ARE MISSED .
AT ILLI , OBSERVATION 2100 IS MISSED.

APRIL 1965.

TABLE 2-a.

المعدل اليومي للضغط الجوي على سطح البحر (ملليبارات)

DAILY MEAN PRESSURE (MILLIBARS) AT M.S.L. OF 8 OBSERVATIONS

الايام	سنجار	موصل	كركوك	رطبة	حبانية	بغداد
DAYS	SINJAR	MOSUL	KIRKUK	RUTBAH	HABBANIYA	BAGHDAD
1	1011.0	1011.5	1010.6	1012.3	1010.8	1009.9
2	13.3	13.5	13.8	13.1	13.0	13.8
3	04.8	05.3	06.8	07.7	06.6	06.7
4	11.4	11.4	13.2	14.4	14.4	14.5
5	21.2	21.4	21.7	20.0	21.4	21.7
6	21.2	21.5	21.2	19.9	20.3	21.0
7	19.3	19.1	18.2	18.2	17.4	17.5
8	18.3	17.6	16.8	17.2	16.0	15.7
9	20.6	20.0	18.7	20.7	18.8	18.3
10	19.8	20.3	19.0	18.7	16.9	18.7
11	13.7	13.9	13.8	08.6	12.1	13.2
12	09.6	09.2	09.1	07.9	07.7	08.0
13	13.3	13.7	12.8	12.4	11.9	12.0
14	15.2	16.3	15.5	12.9	14.0	14.4
15	16.2	17.4	16.3	15.5	14.9	15.0
16	18.4	16.2	16.9	14.7	15.8	16.1
17	12.6	10.6	11.0	08.4	08.7	09.7
18	04.5	03.9	04.0	04.8	03.6	03.4
19	04.3	04.0	04.6	05.7	05.0	03.3
20	12.0	10.7	11.2	11.5	10.5	10.6
21	06.3	10.5	10.4	12.2	10.2	09.9
22	12.1	11.1	10.7	12.2	10.3	10.1
23	14.3	12.6	12.1	12.1	11.4	11.1
24	15.8	14.1	13.6	11.8	13.0	13.0
25	15.3	14.5	14.3	10.4	12.6	13.1
26	12.8	11.9	11.2	08.9	09.1	09.9
27	09.0	09.5	09.3	07.1	07.8	08.2
28	07.9	10.9	09.7	08.8	08.1	07.5
29	14.6	14.0	13.0	13.9	12.5	11.9
30	11.4	11.2	10.7	12.0	10.2	10.7
MEANS	1013.7	1013.2	1013.0	1012.4	1012.2	1012.3
DEPARTURE FROM NORMAL	....	+0.2	+0.9	-0.4	+0.5	+0.4

STATIONS	HIGHEST	DAY	TIME	YEAR	LOWEST	DAY	TIME	YEAR	
SINJAR	1022.1	9th	1800	1965	1000.5	28th	0300	1965	1965
MOSUL	1023.0	6th	0600	1965	1001.7	18th	1500	1965	
KIRKUK	1022.7	5th	0600	1965	1001.6	18th	1500	1965	
RUTBAH	1021.7	16th	0600	1965	1002.2	17th	1500	1965	
HABBANIYA	1022.8	6th	0600	1965	997.6	19th	0300	1965	
BAGHDAD	1023.6	6th	0600	1965	998.2	19th	0600	1965	
SINJAR	1024.7	24th	0300	1964	999.8	17th	0900	1963	RECORD
MOSUL	1027.9	2nd	0300	1956	997.3	19th	1800	1958	
KIRKUK	1026.5	1st	2100	1956	994.4	17th	1200	1964	
RUTBAH	1028.7	1st	0600	1956	998.4	19th	1200	1958	
BAGHDAD	1026.6	26th	0900	1956	994.5	17th	0900	1964	

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TABLE 2 ب. المعدل اليومي للضغط الجوي على سطح البحر (بالملليبارات)

DAILY MEAN PRESSURE (MILLIBARS) AT M.S.L. OF 8 OBSERVATIONS

الأيام DAYS	نخيب NUKHAIB	حي HAI	نجف NAJAF	ديوانية DIWANIYA	ناصرية NASIRIYA	بصرة BASRAH
1	1010.8	1009.6	1009.4	1009.3	1008.3	1009.2
2	13.9	13.5	13.1	13.8	13.2	13.9
3	05.7	06.3	06.5	06.9	06.1	06.5
4	14.9	13.4	14.5	14.8	14.2	14.8
5	21.4	20.3	20.7	20.9	19.7	19.9
6	19.4	20.8	20.0	21.2	20.5	20.6
7	16.9	17.9	16.8	17.4	17.3	16.8
8	13.3	14.9	15.0	15.2	14.2	15.1
9	19.5	16.1	18.1	17.8	16.0	19.2
10	19.4	17.5	18.6	18.7	17.4	17.4
11	11.6	14.8	12.8	13.5	13.8	15.1
12	07.9	09.4	07.9	08.3	09.0	10.2
13	13.1	11.6	11.4	12.1	11.5	12.1
14	13.5	13.7	13.9	14.2	13.9	13.1
15	15.1	13.8	14.1	14.3	13.4	14.0
16	14.6	14.7	15.2	15.4	14.7	14.9
17	07.2	10.5	09.7	10.3	09.4	11.6
18	04.8	04.1	02.6	03.8	03.8	06.0
19	04.9	03.7	03.0	04.3	04.6	05.7
20	11.4	09.8	09.7	10.3	09.6	10.2
21	10.9	08.4	09.5	09.8	08.6	08.7
22	11.8	08.4	09.9	10.1	08.8	08.8
23	12.2	09.5	11.0	11.0	09.9	10.8
24	12.8	11.7	12.7	12.8	12.2	12.4
25	14.9	13.0	12.5	12.9	12.6	13.6
26	08.0	10.4	09.2	09.6	09.6	10.6
27	07.0	07.8	07.2	07.9	07.7	08.8
28	06.3	06.5	05.7	06.5	06.3	08.0
29	07.1	08.8	10.5	10.2	08.2	06.9
30	96.5	08.9	09.5	09.7	07.9	08.9
MEANS	1012.0	1010.6	1011.7	1012.4	1011.4	1012.3
DEPARTURE FROM NORMAL	....	-0.6	....	+1.3	0.0	+0.9

STATIONS	HIGHEST	DAY	TIME	YEAR	LOWEST	DAY	TIME	YEAR
UKHAIB	1021.8	5th	0600	1965	1002.8	18th	1500	1965
AI	1022.6	6th	0600	1965	1000.0	19th	0300	1965
AJAF	1023.2	6th	0600	1965	996.6	19th	0300	1965
IWANIYA	1023.3	6th	0600	1965	998.1	19th	0300	1965
ASIRIYA	1022.3	5th	0600	1965	1001.2	19th	0300	1965
ASRAH	1022.6	6th	0600	1965	1002.0	19th	0600	1965
UKHAIB	1023.1	24th	0900	1961	995.0	23rd	1200	1961
AI	1022.6	6th	0600	1965	996.8	17th	0900	1961
AJAF	1023.2	6th	0600	1965	994.6	17th	0900	1961
IWANIYA	1025.8	1st	2400	1954	995.5	17th	0900	1961
ASIRIYA	1025.0	1st	2400	1955	996.3	17th	0300	1961
ASRAH	1024.7	1st	1800	1956	999.5	13th	1200	1952

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ABLE - 3.

المعدل اليومي للرطوبة النسبية (٪)

DAILY MEAN RELATIVE HUMIDITY (٪) OF 8 OBSERVATIONS

DAYS	SIN-JAR	MO-SUL	KIR-KUK	RUT-BAH	HABB-ANIYA	BAGH-DAD	NUK-HAIB	HAI	NA-JAF	DIWA-NIYA	KASI-RIYA	BAS-RAH
1	76	75	46	66	58	48	32	52	43	43	42	36
2	76	77	57	76	52	52	29	57	46	49	47	43
3	86	82	79	69	61	61	25	54	47	44	41	35
4	40	60	59	72	50	42	22	40	34	38	37	42
5	57	56	47	63	42	32	21	44	51	31	41	35
6	74	77	54	48	41	35	21	44	46	39	38	40
7	78	72	59	52	53	40	23	41	37	38	38	38
8	76	86	77	72	64	55	23	49	50	45	42	46
9	34	65	63	62	69	65	22	63	56	56	50	54
10	40	70	49	29	51	46	29	49	41	45	44	57
11	55	67	44	32	40	40	22	45	36	45	41	44
12	87	84	70	55	58	60	27	62	50	62	53	54
13	76	83	60	56	61	63	44	58	45	57	54	64
14	76	77	70	49	46	49	24	51	39	51	45	48
15	69	70	60	53	52	45	27	51	34	43	39	48
16	49	69	64	41	48	45	32	46	37	41	38	46
17	60	69	53	30	47	38	35	47	34	44	43	40
18	47	62	55	43	51	38	34	42	43	44	38	47
19	59	79	80	52	71	63	43	69	53	53	57	67
20	61	71	70	51	68	58	42	60	41	53	51	65
21	54	74	69	42	60	48	33	48	38	42	43	59
22	45	68	63	43	54	51	34	46	39	44	40	52
23	45	70	58	30	54	48	27	46	36	43	38	59
24	39	65	49	19	54	48	26	47	33	44	38	51
25	37	61	46	20	45	37	22	41	36	37	35	47
26	35	52	35	27	35	31	11	43	29	32	33	45
27	29	51	35	32	40	28	12	43	26	34	33	42
28	87	76	53	59	52	35	11	40	32	30	26	52
29	66	70	68	68	62	48	20	45	43	44	33	60
30	50	61	60	55	47	40	18	51	52	51	45	54
MEANS	55	70	59	49	52	46	25	48	42	44	44	49
NORMAL	--	60	48	39	35	43	--	48	--	43	40	58

STATIONS	HIGHEST	TIME	DAY	LOWEST	TIME	DAY
SINJAR	98	1500	28th	23	0900	27th
MOSUL	96	0300	2nd	25	1200	27th
KIRKUK	98	0300	13th	18	0900	27th
RUTBAH	97	0000	9th	9	1200	24th
HABBANIYA	95	0300	29th	13	1200	26th
BAGHDAD	92	0900	19th	13	1200	27th
NUKHAIB	69	0600	19th	7	1500	26th
HAI	94	0300	20th	16	1200	28th
NAJAF	79	0300	19th	12	1200	26th
DIWANIYA	94	0300	13th	13	1200	28th
NASIRIYA	90	0000	13th	8	1200	26th
BASRAH	91	0300	13th	10	0900	3rd

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TABLE 4 -a.

نيسان ١٩٦٥

درجات الحرارة العظمى والصغرى اليومية (سنتغراد)

DAILY MAXIMUM AND MINIMUM TEMPERATURE (C°)

الأيام	سنجار		موصل		كركوك		خانقين		رطبة	
	SINJAR		MOSUL		KIRKUK		KHANAQIN		RUTBAH	
	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DAYS	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	13.6	8.2	18.4	10.8	20.0	11.7	23.9	11.7	19.4	8.0
2	14.6	6.7	19.2	6.5	19.0	8.5	22.8	7.8	19.5	6.0
3	9.5	6.0	13.4	9.8	12.5	11.4	19.4	12.2	14.5	10.0
4	7.0	0.6	12.8	3.1	10.0	3.3	14.4	7.8	13.0	2.0
5	8.2	0.0	12.5	0.2	12.1	1.0	15.6	2.2	16.0	5.0
6	10.8	2.3	15.8	6.0	14.5	5.0	19.4	5.0	18.0	6.0
7	13.3	3.1	17.2	8.1	17.7	8.5	21.1	11.1	19.4	7.2
8	13.0	7.1	11.2	5.6	14.6	9.0	21.7	9.4	19.3	7.2
9	16.3	6.3	18.2	5.3	18.8	6.1	20.0	8.9	19.2	4.8
10	20.0	9.0	19.3	5.2	20.2	7.8	22.2	7.2	23.5	5.2
11	20.2	8.0	21.4	9.4	21.2	10.8	23.3	10.6	27.2	13.6
12	13.3	7.2	15.2	12.0	16.4	13.4	20.6	12.8	21.0	9.8
13	16.1	7.7	18.2	10.2	19.0	9.3	24.4	11.1	21.0	10.0
14	20.2	6.9	22.2	7.8	20.6	9.5	23.9	9.4	25.0	10.2
15	20.4	7.6	22.4	9.8	22.8	12.5	26.1	11.1	24.8	9.2
16	22.3	6.9	23.9	9.6	23.0	10.4	26.1	10.0	28.0	9.4
17	24.0	9.3	25.8	12.6	26.4	14.2	30.0	13.3	33.5	17.2
18	22.7	9.3	25.9	13.0	25.5	17.8	30.6	16.7	25.0	9.2
19	20.4	9.3	19.7	11.8	16.2	13.9	23.9	15.6	21.0	11.0
20	20.1	8.7	22.4	10.0	19.8	11.0	23.3	10.6	22.2	8.8
21	21.3	7.2	22.8	10.6	21.3	11.1	24.4	10.0	23.0	9.2
22	24.1	8.2	25.0	11.0	24.2	11.3	25.6	11.1	25.6	10.4
23	24.9	10.2	26.5	11.2	27.0	14.6	29.4	11.7	23.4	11.2
24	28.5	11.4	30.8	13.0	29.7	13.9	32.2	12.8	30.6	14.4
25	29.2	13.3	31.8	15.0	31.1	16.1	32.8	15.6	33.2	16.5
26	28.6	18.0	32.7	14.6	32.4	17.0	33.9	17.1	31.5	17.0
27	28.4	19.3	33.0	15.8	32.4	18.6	34.4	16.7	35.6	16.4
28	16.3	14.4	21.0	16.2	27.4	20.5	35.0	19.4	25.0	19.4
29	20.0	11.6	24.6	11.8	25.2	14.0	29.4	17.8	23.0	10.3
30	23.8	15.1	27.9	13.0	27.7	13.1	31.1	15.0	25.6	11.1
MEANS	19.0	8.6	21.7	10.0	21.6	11.5	26.4	11.7	23.7	10.1
DEPARTURE FROM NORMAL	....	....	-3.6	+0.3	-3.9	-1.5	-2.2	-2.0	-2.0	+0.2

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
SINJAR	29.8	8th	1962	0.0	5th	1965
MOSUL	40.0	?	1928	-1.6	1st	1956
KIRKUK	39.6	28th	1958	1.0	5th	1965
KHANAQIN	39.0	27th	1958	0.5	1st	1956
RUTBAH	39.0	23rd	1959	-2.0	1st	1956

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TABLE 4 -b.

نيسان ١٩٦٥
درجات الحرارة العظمى و الصغرى اليومية (سنتغراد)

DAILY MAXIMUM AND MINIMUM TEMPERATURE (C°)

	حبانية		بغداد		نخيب		حي	
	HABBANIYA		BAGHDAD		NUKHAIB		HAI	
الايام	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DAYS	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	23.4	12.8	25.0	14.7	24.1	10.7	30.8	15.6
2	25.3	9.2	23.5	8.5	22.8	8.9	25.4	10.6
3	19.2	8.9	17.8	14.2	20.1	12.5	24.3	13.0
4	15.2	6.4	17.2	7.0	16.5	5.4	18.1	10.6
5	17.6	6.3	17.0	6.7	16.6	4.0	20.0	5.8
6	22.2	8.8	21.6	5.5	17.5	8.0	22.8	6.0
7	23.2	12.8	23.5	11.1	18.6	8.6	24.4	9.0
8	22.4	12.0	24.1	12.9	18.0	5.5	23.8	9.6
9	19.7	8.6	19.9	8.2	21.0	5.3	22.0	12.8
10	23.8	9.0	23.7	9.2	22.6	5.6	26.0	9.2
11	28.3	12.4	24.5	11.7	27.5	10.5	23.4	13.4
12	23.4	14.7	21.0	14.8	23.5	11.5	20.4	14.0
13	23.4	12.4	24.3	11.0	22.5	10.3	28.4	9.2
14	26.1	11.1	26.0	10.6	27.0	11.3	27.2	13.4
15	28.6	13.6	27.3	14.8	28.0	12.6	29.8	11.2
16	28.4	14.4	27.8	14.2	28.4	13.7	30.0	15.0
17	32.4	17.4	30.8	15.6	31.5	11.5	30.8	14.0
18	27.4	19.1	30.7	21.8	26.5	11.7	31.0	13.0
19	20.0	13.2	20.6	14.2	23.6	13.4	22.8	19.4
20	24.2	13.9	26.2	12.0	24.0	10.5	27.8	11.2
21	25.6	13.2	26.4	12.4	24.6	10.4	27.5	16.0
22	27.3	13.1	28.3	11.6	27.0	12.2	28.6	14.0
23	30.5	15.0	30.6	14.0	29.0	13.1	31.4	14.7
24	32.9	16.1	32.8	13.6	32.5	13.5	32.8	15.0
25	35.0	16.9	35.0	15.5	35.0	13.5	33.8	14.2
26	37.2	18.2	35.8	17.7	35.2	13.0	34.6	15.8
27	37.2	18.0	36.8	19.2	35.2	17.1	35.2	17.0
28	31.2	22.9	34.8	22.0	35.3	15.5	37.2	17.2
29	28.5	16.6	29.0	17.0	31.0	14.2	31.4	22.3
30	16.4	29.5	29.5	18.4	30.8	15.6	29.2	19.0
MEANS	25.9	13.9	25.7	13.0	25.9	10.9	27.5	13.5
DEPARTURE FROM NORMAL	-3.4	-0.8	-3.3	-1.6	....	....	-2.3	-2.1

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
HABBANIYA	41.1	30th	1944	2.2	14&2nd	19
BAGHDAD	41.7	28th	1958	1.2	1st	19
NUKHAIB	35.5	5th	1964	4.0	5th	19
HAI	40.3	23rd	1959	1.9	1st	19

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TABLE 4 -c .

درجات الحرارة العظمى و الصغرى اليومية (سنتغراد)

DAILY MAXIMUM AND MINIMUM TEMPERATURE (C°)

	نجف		ديوانية		ناصرية		بصرة	
	NAJAF		DIWANIYA		NASIRIYA		BASRAH	
	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DAYS	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	25.5	13.7	26.6	17.5	34.1	17.6	31.8	21.5
2	25.4	12.0	27.8	11.1	26.8	13.2	26.5	25.5
3	22.5	12.0	25.0	14.6	29.4	14.4	31.8	15.1
4	17.0	11.0	19.5	9.2	19.4	13.0	20.0	16.1
5	18.7	7.0	20.6	7.3	21.2	7.8	21.7	8.9
6	21.5	7.3	23.0	6.0	22.8	8.4	22.6	9.3
7	24.8	10.5	26.5	8.5	26.9	7.7	25.7	9.4
8	24.8	10.8	25.5	11.2	26.1	10.6	26.7	13.6
9	20.6	10.2	20.8	11.6	20.8	12.3	23.8	15.4
10	23.9	9.5	25.2	8.4	25.4	9.6	25.9	12.4
11	25.2	14.5	25.5	12.6	27.9	13.7	26.8	12.9
12	23.2	13.4	22.2	16.4	26.6	17.9	30.9	13.8
13	26.2	11.3	28.3	10.2	29.4	9.9	28.6	13.9
14	28.2	12.5	29.0	12.0	28.7	14.2	28.4	15.3
15	29.5	22.8	30.8	12.4	31.2	16.1	30.0	15.1
16	30.7	17.2	31.8	17.6	32.2	18.1	30.1	16.5
17	31.6	18.0	31.3	16.1	34.8	16.7	33.0	16.7
18	31.5	17.9	34.7	19.6	30.3	20.8	30.6	21.0
19	25.1	15.5	24.5	21.0	26.2	22.8	32.0	22.9
20	27.9	14.4	27.6	12.5	28.5	14.6	28.2	17.0
21	28.2	14.2	28.0	16.1	28.1	15.8	27.6	16.2
22	28.5	14.5	29.5	14.5	29.0	14.2	28.2	16.5
23	31.0	15.9	32.2	16.0	31.9	16.3	29.8	16.1
24	34.4	16.6	34.2	17.2	34.0	17.7	32.7	16.8
25	35.1	16.5	35.8	15.6	36.1	17.7	36.0	18.0
26	36.4	19.6	37.2	16.9	37.5	18.0	35.3	19.0
27	38.5	19.2	38.6	19.3	36.4	19.1	36.8	19.9
28	39.3	17.5	39.0	20.0	36.8	20.5	39.1	19.6
29	36.4	20.0	31.4	21.2	32.5	24.1	37.2	23.3
30	24.4	19.0	26.8	20.0	30.7	19.7	34.2	23.0
MEANS	27.7	14.5	28.4	14.8	29.4	15.4	29.7	16.4
DEPARTURE FROM NORMAL	٠٠٠.٠	٠٠٠.٠	-1.8	+0.7	-0.2	-0.3	-1.1	-1.8

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
NAJAF	39.3	28th	1965	7.0	5th	19[illegible]
DIWANIYA	42.0	10th	1958	1.6	2nd	19[illegible]
NASIRIYA	42.8	28th	1942	3.6	2nd	19[illegible]
BASRAH	43.8	25th	1954	2.8	4th	19[illegible]

TABLE 5. MONTHLY MEAN DRY - BULB TEMPERATURES (C°) المعدل الشهري لدرجات الحرارة للبصلة الجافة (سنتغراد)

T I M E - G. M. T.

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	,,,,	10.3	14.0	16.3	17.9	16.2	13.4	,,,,	14.7
MOSUL	11.8	10.9	14.7	19.3	20.6	19.2	15.3	13.2	15.6
KIRKUK	13.4	12.5	16.8	19.7	20.5	19.6	15.8	14.4	16.6
KHANAQIN	,,,,	13.3	19.3	22.9	24.3	22.2	18.1	,,,,	20.0
RUTBAH	12.3	10.7	15.6	20.8	22.9	21.5	17.4	14.7	17.0
HABBANIYA	15.7	14.4	19.4	24.2	25.8	24.0	19.3	17.2	20.0
BAGHDAD	15.9	14.6	19.6	23.9	25.5	24.4	20.3	17.9	20.3
NUKHAIB	,,,,	,,,,	19.2	23.1	25.2	24.1	,,,,	,,,,	22.9
HAI	15.0	14.3	20.8	26.2	26.5	24.2	19.4	,,,,	20.9
NAJAF	16.6	14.6	20.0	24.8	27.0	25.5	21.6	19.3	21.2
DIWANIYA	16.5	14.9	21.9	26.5	27.9	26.1	21.1	18.4	21.7
NASIRIYA	17.1	16.0	22.1	27.5	28.3	26.3	21.9	19.5	22.3
BASRAH	18.1	17.1	23.5	24.7	28.4	25.4	22.1	20.1	22.4

TABLE 6. MONTHLY MEAN VAPUR - PRESSURE (MILLIBARS) ضغط البخار (ملليبارات)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	,,,	8.7	9.0	9.4	9.8	9.7	9.4	,,,	9.3
MOSUL	11.9	11.5	12.7	12.7	11.7	11.8	12.8	12.4	12.2
KIRKUK	10.4	10.4	11.2	10.6	10.2	10.3	11.6	11.2	10.7
KHANAQIN	,,,	10.5	10.8	10.3	10.1	10.2	10.5	,,,	10.4
RUTBAH	8.6	8.8	9.1	8.6	8.6	8.6	8.7	8.5	8.7
HABBANIYA	11.1	12.7	13.1	11.5	10.6	11.2	12.7	11.9	11.9
BAGHDAD	10.5	10.4	11.8	10.3	9.5	9.5	10.5	10.5	10.3
NUKHAIB	,,,	,,,	7.9	7.3	7.1	6.6	,,,	,,,	7.2
HAI	11.3	11.5	12.8	11.7	11.3	11.6	11.6	,,,	11.7
NAJAF	9.5	9.6	10.5	10.2	9.5	9.6	10.0	10.0	9.8
DIWANIYA	10.8	11.3	11.7	11.1	10.5	10.9	10.8	10.6	11.0
NASIRIYA	10.2	10.3	11.2	9.8	9.5	10.0	11.7	11.8	10.6
BASRAH	13.4	13.0	13.2	12.9	13.1	13.3	13.5	13.9	13.3

TABLE 7. MONTHLY MEAN WET - BULB TEMPERATURE (C°) معدل الشهري لدرجات الحرارة (سنتغراد) بصلة الرطبة

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	,,,,	7.2	9.7	11.1	12.3	11.8	9.8	,,,,	10.3
MOSUL	10.5	9.8	12.3	14.3	14.3	13.7	12.8	11.5	12.4
KIRKUK	10.3	9.9	12.4	13.3	13.4	13.1	12.2	11.2	12.0
KHANAQIN	,,,,	10.4	13.3	14.5	15.0	14.2	12.8	,,,,	13.4
RUTBAH	8.8	8.1	7.5	13.0	13.7	13.1	11.3	9.9	10.6
HABBANIYA	12.0	11.9	14.5	15.8	16.0	15.5	14.2	13.1	14.1
BAGHDAD	11.6	11.1	13.8	15.0	15.4	14.9	13.7	12.6	13.5
NUKHAIB	,,,,	,,,,	11.6	13.1	13.9	13.1	,,,,	,,,,	12.9
HAI	11.7	11.5	15.1	16.7	16.9	15.9	13.9	,,,,	14.5
NAJAF	11.1	7.8	13.5	15.3	15.9	15.4	13.9	12.9	13.2
DIWANIYA	8.7	11.2	14.7	16.4	16.5	15.9	14.1	12.8	13.8
NASIRIYA	12.0	11.6	14.8	16.3	16.5	15.9	14.9	14.0	14.5
BASRAH	14.2	13.5	16.3	17.7	18.2	17.1	15.9	15.3	16.0

TABLE 8. MONTHLY MEAN DEW - POINT (C°) المعدل الشهري لدرجة الندى (سنتغراد)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	,,,,	4.3	5.1	5.5	6.0	5.9	5.9	,,,,	5.5
MOSUL	9.1	8.7	10.3	10.0	8.8	8.8	10.2	9.8	9.5
KIRKUK	7.0	7.1	8.1	7.2	6.7	6.7	8.6	8.0	7.4
KHANAQIN	,,,,	7.7	7.9	7.0	7.0	6.9	7.8	,,,,	7.4
RUTBAH	4.4	4.9	5.2	4.8	3.9	4.3	4.4	4.1	4.5
HABBANIYA	8.5	9.7	10.5	8.5	7.4	7.8	9.6	9.3	8.9
BAGHDAD	6.9	7.5	8.8	6.9	5.9	5.9	7.3	7.4	7.1
NUKHAIB	,,,,	2.8	1.5	1.1	0.1	,,,,	,,,,	1.4	
HAI	8.4	8.7	10.3	8.9	8.3	8.8	8.9	,,,,	8.9
NAJAF	6.4	6.1	7.3	6.8	5.8	6.0	6.7	6.5	6.5
DIWANIYA	7.7	7.5	8.2	7.2	7.0	7.7	7.7	7.4	7.6
NASIRIYA	6.9	7.1	8.3	6.3	5.6	6.6	8.9	8.9	7.3
BASRAH	10.9	10.2	10.0	9.4	9.9	10.5	10.8	11.3	10.3

TABLE - 9. MONTHLY MEAN RELATIVE HUMIDITY (%) المعدل الشهري للرطوبة النسبية (٪)

	TIME - G.M.T.								
STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	,,	69	57	52	50	56	64	,,	56
MOSUL	84	86	75	56	50	53	73	80	70
KIRKUK	69	73	59	48	45	46	65	68	59
KHANAQIN	,,	69	48	39	34	39	53	,,	47
RUTBAH	62	71	54	39	33	36	43	53	49
HABBANIYA	65	73	58	39	33	38	54	62	53
BAGHDAD	60	64	51	37	30	31	45	51	46
NUKHAIB	,,	,,	36	26	22	22	,,	,,	26
HAI	65	70	52	35	32	39	52	,,	49
NAJAF	51	59	46	35	28	30	39	45	42
DIWANIYA	57	62	44	33	28	33	43	50	44
NASIRIYA	52	57	43	27	25	30	43	52	41
BASRAH	61	65	44	35	33	40	50	58	49

TABLE - 10. MONTHLY MEAN PRESSURE (MBS.) AT M.S.L. المعدل الشهري للضغط الجوي على سطح البحر (ملليبارات)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	,,,,	13.7	13.7	12.8	12.8	12.3	13.9	,,,,	13.3
MOSUL	13.5	13.8	14.4	13.5	12.3	11.9	12.9	13.6	13.2
KIRKUK	12.9	13.4	13.6	13.2	12.2	11.9	13.4	13.5	13.0
KHANAQIN	,,,,	14.2	13.2	13.0	11.4	11.6	13.3	,,,,	12.8
RUTBAH	12.3	12.9	13.5	12.7	11.6	10.6	12.2	12.3	12.3
HABBANIYA	11.8	12.3	13.6	12.9	11.3	10.9	12.2	12.0	12.1
BAGHDAD	11.9	12.1	12.8	13.0	11.6	11.2	12.4	12.4	12.2
NUKHAIB	,,,,	,,,,	13.7	12.8	11.0	10.6	,,,,	,,,,	12.0
HAI	11.3	11.7	13.0	12.3	10.8	10.5	11.7	,,,,	10.2
NAJAF	11.3	11.9	12.7	12.4	10.9	10.5	11.7	12.0	11.7
DIWANIYA	11.7	12.2	13.3	12.9	11.3	10.9	12.8	12.2	12.2
NASIRIYA	11.3	11.6	12.7	12.1	10.5	10.4	11.5	11.5	11.4
BASRAH	11.8	12.3	13.3	12.9	11.3	11.2	12.2	12.2	12.2

TABLE - 11. MONTHLY MEAN LOW CLOUD AMOUNTS (OKTAS) المعدل الشهري لكمية الغيوم الواطئة (الثمان)

STATIONS	0000	0300	0900	0600	1200	1500	1800	2100	MEANS
SINJAR	,,,	2.0	2.0	3.0	3.3	2.6	1.8	,,,	2.5
MOSUL	3.2	3.7	3.9	4.4	4.3	3.4	2.4	3.1	3.6
KIRKUK	2.9	2.6	2.1	2.9	3.5	2.3	2.2	2.2	2.6
KHANAQIN	,,,	4.4	3.0	4.1	4.4	3.2	1.8	,,,	3.5
RUTBAH	1.1	1.1	1.1	2.0	3.0	2.8	1.7	1.3	1.8
HABBANIYA	0.4	0.8	0.9	1.0	1.9	1.1	0.6	0.6	0.9
BAGHDAD	0.5	0.9	0.8	1.3	1.6	0.7	0.8	0.6	0.9
NUKHAIB	,,,	,,,	0.7	0.7	1.8	1.4	,,,	,,,	1.2
HAI	0.5	0.8	0.6	1.3	1.0	0.7	0.3	,,,	0.7
NAJAF	0.3	0.5	1.2	1.2	1.5	1.8	0.7	0.3	0.9
DIWANIYA	0.5	0.7	0.8	1.8	1.2	1.0	0.3	0.6	0.9
NASIRIYA	0.9	1.3	1.0	1.8	2.4	1.6	0.5	0.6	1.3
BASRAH	0.3	0.7	0.7	0.8	0.9	1.0	0.4	0.3	0.6

TABLE - 12. MONTHLY MEAN TOTAL CLOUD AMOUNTS (OKTAS) المعدل الشهري لمجموع كمية الغيوم (الثمان)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	,,,	3.9	4.1	4.6	5.5	4.6	3.5	,,,	4.4
MOSUL	4.7	5.1	5.6	5.8	6.5	5.8	4.0	4.4	4.2
KIRKUK	3.9	3.9	4.0	4.1	4.5	3.7	3.1	3.6	3.9
KHANAQIN	,,,	4.9	4.5	5.0	5.3	4.2	2.5	,,,	4.4
RUTBAH	2.2	1.5	2.1	2.8	3.7	3.9	2.7	2.8	2.7
HABBANIYA	2.7	3.2	3.2	2.9	3.3	2.7	2.3	2.5	2.9
BAGHDAD	3.0	3.8	3.4	3.2	3.6	2.7	2.3	3.2	3.2
NUKHAIB	,,,	,,,	2.0	1.8	2.7	2.8	,,,	,,,	2.3
HAI	2.5	3.5	3.6	3.9	3.7	3.3	2.3	,,,	3.3
NAJAF	1.7	2.2	2.6	3.6	3.2	3.0	1.6	1.8	2.4
DIWANIYA	1.6	2.6	2.8	3.3	3.0	2.6	0.9	1.6	2.3
NASIRIYA	1.5	2.9	2.8	3.3	3.7	3.1	0.9	0.8	2.4
BASRAH	1.6	2.7	3.0	2.9	3.1	2.9	2.3	1.8	2.5

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TABLE 13-a.

عدد مشاهدات رصدات الرياح السطحية

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	34-	MEAN V.H.C.
SINJAR	0300	6	0	6	0	2	0	6	8	2	24	3	1	0	
	0600	2	2	3	1	4	0	11	4	3	18	8	1	1	
	0900	0	2	4	2	7	0	12	3	0	21	8	0	1	
	1200	1	1	6	2	4	0	13	3	0	20	10	0	0	
	1500	2	0	4	2	4	0	9	5	4	15	11	0	0	
	1800	6	1	6	1	1	0	11	3	1	22	7	0	0	
	TOTAL	17	6	29	8	22	0	62	26	10	120	47	1	2	
MOSUL	0000	0	0	1	1	7	0	8	3	0	20	0	0	0	
	0300	0	0	2	2	6	0	11	4	0	22	2	0	0	
	0600	3	2	6	4	5	1	2	3	0	19	7	0	0	
	0900	5	1	4	4	3	0	6	3	4	24	1	1	0	
	1200	1	0	2	5	4	2	8	7	1	22	7	0	0	
	1500	1	0	2	5	2	1	11	5	1	24	5	0	0	
	1800	0	0	2	3	3	1	11	7	1	21	6	0	0	
	2100	0	1	1	3	4	0	7	4	0	17	3	0	0	
	TOTAL	10	6	19	27	34	5	64	30	15	166	28	1	0	
KIRKUK	0000	1	9	7	1	1	0	1	0	0	20	0	0	0	
	0300	0	7	4	2	2	0	2	0	3	17	0	0	0	
	0600	1	3	2	1	4	1	1	0	1	17	0	0	0	
	0900	0	1	1	1	8	0	8	1	0	16	3	0	0	
	1200	3	4	3	0	1	2	13	0	0	19	1	1	0	
	1500	3	0	1	2	3	2	5	0	4	13	3	0	0	
	1800	0	3	2	0	1	2	2	0	2	22	5	0	0	
	2100	2	5	4	2	1	0	1	0	5	13	2	0	0	
	TOTAL	10	29	24	9	21	5	33	1	15	105	113	15	4	0
KHANAQIN	0300	0	1	9	2	10	0	0	0	8	21	1	1	0	
	0600	0	3	5	2	8	0	0	1	11	16	0	3	0	
	0900	2	1	0	1	7	2	6	6	1	20	3	1	1	
	1200	2	0	0	0	6	2	14	8	0	23	5	2	0	
	1500	6	0	1	1	6	0	6	7	3	23	3	1	0	
	1800	1	1	2	1	6	1	5	2	1	16	3	0	0	
	TOTAL	11	6	17	7	43	3	31	24	38	119	14	5	1	
UTBAH	0000	2	0	1	2	7	0	6	4	6	13	7	0	0	
	0300	0	0	0	2	4	0	7	2	8	18	4	0	0	
	0600	5	0	1	2	5	1	4	0	2	19	9	0	0	
	0900	5	0	1	2	5	1	3	2	1	20	9	0	0	
	1200	4	0	0	3	3	1	3	4	0	19	8	0	0	
	1500	5	1	2	2	3	2	0	2	3	18	8	1	0	
	1800	3	1	3	3	5	0	4	7	6	19	5	0	0	
	2100	1	1	3	3	2	0	5	4	1	12	7	0	0	
	TOTAL	25	3	11	19	32	4	72	25	39	140	60	1	0	

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TABLE 13-b.

نيسان ١٩٦٥

عدد تكرار رصدات الرياح السطحية

SURFACE - WIND NUMBER OF OBSERVATIONS OF:

المحطة STATIONS	وقت كرينتش TIME GMT.	الاتجاه DIRECTIONS N	NE	E	SE	S	SW	W	NW	سكون CA-LM	السرعة بالعقد SPEED IN KNOTS 1-10	11-21	22-33	≥34	معدل السرعة بالعقد MEAN V. K.
حبانية HABBANIYA	0000	3	3	1	6	2	1	3	3	8	14	7	1	0	7
	0300	1	1	0	2	2	1	3	2	8	7	5	0	0	4
	0600	3	3	4	1	1	1	1	5	1	22	6	1	0	0
	0900	3	1	0	2	4	2	0	0	2	19	9	0	0	0
	1200	1	1	2	2	6	0	0	8	0	22	6	2	0	0
	1500	7	2	1	3	3	0	0	6	3	21	5	1	0	0
	1800	3	4	7	1	0	0	2	5	8	20	5	0	0	0
	2100	1	2	5	1	0	0	3	3	10	14	5	1	0	5
	TOTAL	22	17	20	23	18	5	13	42	50	139	45	6	0	7
بغداد BAGHDAD	0000	6	6	2	7	0	0	1	3	5	20	4	1	0	7
	0300	3	1	1	5	1	0	3	4	2	12	5	0	0	6
	0600	4	2	0	2	3	1	3	2	3	20	7	1	0	7
	0900	5	1	2	3	2	1	2	2	2	17	10	0	1	9
	1200	6	3	0	4	1	2	4	0	0	19	11	0	0	9
	1500	11	0	1	5	1	2	0	7	2	20	6	0	0	9
	1800	3	4	2	3	2	0	2	7	7	16	7	2	0	9
	2100	6	4	2	7	0	0	1	7	4	22	4	0	0	7
	TOTAL	44	21	10	36	10	9	14	62	35	146	54	4	1	8
نخيب NUKHAIB	0600	10	0	1	3	4	0	4	7	1	19	9	1	0	9
	0900	5	0	0	2	6	0	6	0	1	22	6	1	0	8
	1200	8	1	0	1	6	3	5	6	0	20	8	2	0	9
	1500	7	0	1	0	5	3	5	6	3	18	7	2	0	9
	TOTAL	30	1	2	6	21	6	20	29	5	79	30	6	0	9
حي HAI	0000	6	2	2	0	0	0	3	4	13	13	4	0	0	4
	0300	3	1	5	0	1	0	8	1	11	18	1	0	0	5
	0600	3	1	2	3	3	2	5	5	6	20	4	0	0	6
	0900	1	0	5	5	2	1	4	8	4	22	4	0	0	6
	1200	3	0	3	2	2	0	2	3	5	19	6	0	0	6
	1500	4	0	5	3	2	0	0	6	4	24	2	0	0	5
	1800	4	1	4	2	0	0	3	7	9	19	2	0	0	5
	TOTAL	24	5	26	15	8	3	43	34	52	135	23	0	0	5
نجف NAJAF	0000	8	4	4	5	5	0	3	0	1	23	5	0	1	6
	0300	11	3	2	1	5	0	2	2	0	23	5	1	0	6
	0600	10	4	1	1	2	4	5	2	1	21	5	1	0	6
	0900	10	5	2	2	4	0	2	2	3	21	5	1	0	6
	1200	12	2	3	1	2	2	4	3	1	21	7	1	0	6
	1500	15	4	3	2	1	2	2	2	1	23	4	2	0	6
	1800	11	6	3	4	1	0	0	4	4	23	2	1	0	5
	2100	8	5	2	4	3	1	2	4	1	24	4	1	0	5
	TOTAL	85	33	20	20	23	11	20	16	12	181	36	10	1	9

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TABLE 13-C.

عدد تكرارات حالات الرياح السطحية

SURFACE - WIND , NUMBER OF OBSERVATIONS OF :

STATIONS	TIME GMT.	DIRECTIONS N	NE	E	SE	S	SW	W	NW	CA-LM	SPEED IN KNOTS 1-10	11-21	22-33	>34	MEAN W.K.
DIWANIYA	0000	6	4	5	5	0	0	4	1	5	18	7	0	0	7
	0300	6	2	2	1	1	0	5	1	12	14	4	0	0	5
	0600	5	2	2	1	3	4	5	1	7	15	8	0	0	7
	0900	4	0	3	3	4	0	10	3	3	16	11	0	0	8
	1200	11	1	0	4	0	2	8	2	2	16	12	0	0	9
	1500	10	1	4	2	1	0	6	5	1	20	9	0	0	7
	1800	9	3	4	2	0	0	3	3	6	19	4	1	0	6
	2100	8	3	9	2	0	0	4	1	3	20	6	1	0	7
	TOTAL	59	16	29	20	9	6	45	17	39	138	61	2	0	7
NASIRIYA	0000	3	1	2	5	4	3	1	8	3	26	1	0	0	5
	0300	4	2	1	4	3	4	4	4	4	23	3	0	0	5
	0600	2	0	0	5	6	2	5	7	2	22	6	0	0	7
	0900	4	3	0	6	4	3	4	6	0	22	6	2	0	8
	1200	6	2	4	3	0	1	9	5	0	20	9	1	0	9
	1500	5	6	4	5	0	0	3	7	0	26	4	0	0	7
	1800	4	5	4	9	0	0	0	6	2	24	4	0	0	6
	2100	3	4	6	7	3	0	1	4	2	27	1	0	0	5
	TOTAL	31	23	21	45	20	13	27	47	13	190	34	3	0	7
BASRAH	0000	7	1	2	4	5	3	4	4	0	29	1	0	0	4
	0300	5	1	5	3	4	2	5	4	1	29	0	0	0	5
	0600	5	4	5	1	4	4	1	5	1	23	5	1	0	7
	0900	6	6	2	2	3	0	3	8	0	21	9	0	0	8
	1200	6	1	0	5	3	0	1	14	0	16	13	1	0	10
	1500	11	2	2	4	2	0	1	8	0	24	5	1	0	7
	1800	8	5	3	5	1	0	2	4	1	28	1	0	0	5
	2100	6	5	2	2	8	1	3	1	2	26	2	0	0	5
	TOTAL	54	26	21	26	30	10	20	48	5	196	36	3	0	6

TABLE 14.

HIGHEST WIND - SPEED, DURING ONE HOUR.

STATIONS	HIGHEST WIND - SPEED DURING ONE HOUR (V.K.)	DIRECTION	TIME GMT.	DAY
SINJAR	40	320	0600	28th
MOSUL	25	330	0600	28th
KIRKUK	28	290	1200	28th
KHANAQIN	36	180	0900	19th
RUTBAH	22	260	1500	3rd
HABBANIYA	26	120	1500	17th
BAGHDAD	36	320	0900	19th
NUKHAIB	28	340	0600	3rd
HAI	22	360	0000	9th
NAJAF	38	360	0000	29th
DIWANIYA	22	360	2100	28th
NASIRIYA	23	120	0900	18th
BASRAH	27	320	1500	3rd

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TABLE 15-a.

(14)

نيسان ١٩٦٥

الهاطول اليومي (ملليمترات)

DAILY PRECIPITATION (MILLIMETERS) . tr < 0.05mm

الايام	سنجار	موصل	كركوك	خانقين	رطبة	حبانية	بغداد
DAYS	SINJAR	MOSUL	KIRKUK	KHANAQIN	RUTBAH	HABBANIYA	BAGHDAD
1	10.7	2.7					
2		tr	1.1			1.8	0.5
3	3.1	5.2	20.0	4.2	tr	3.7	0.1
4							
5	1.2	tr					
6	5.0	7.8	0.5				
7	10.0	0.6	tr				
8	8.6	4.5	7.6	2.7	tr	1.1	3.3
9				14.0			
10		tr					
11		11.0	1.0		0.5	2.0	0.4
12	4.3	11.3	33.8	9.4		1.7	2.0
13	2.3	0.6		0.1			
14	1.4	5.7	0.2	-			
15							
16			tr				tr
17	1.1	tr	1.9		tr	1.1	tr
18	1.2		1.3	1.0	4.0	19.2	0.2
19		0.7	18.5	8.9		22.8	1.2
20	tr	2.7	[illegible]				
21							
22							
23							
24							
25					tr		
26							
27							
28	13.9	3.2	12.0		4.5	0.6	2.8
29	3.0			0.5			tr
30						tr	
TOTAL	65.8	55.5	101.6	40.8	9.0	54.6	10.5
NORMAL	50.0	54.9	47.4	39.3	19.9	16.9	15.5

STATIONS	HIGHEST AMOUNT OF RAIN DURING A DAY	DAY	YEAR
SINJAR	76.7 mms.	11th	1963
MOSUL	74.8	11th	1931
KIRKUK	40.9	6th	1939
KHANAQIN	52.0	9th	1953
RUTBAH	43.7	10th	1946
HABBANIYA	30.0	7th	1955
BAGHDAD	29.0	10th	1963

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DIRECTORATE GENERAL OF CIVIL AVIATION

مديرية الانواء الجوية

METEOROLOGICAL DEPARTMENT
شعبة احصائيات المناخ

CLIMATOLOGICAL SECTION

تقرير المناخ الشهرى

Monthly Climatological Data

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Year 1965

العـــدد ٥ و ٦
مجـــلد ٢٨
الشهر مايس وحزيران
السنة ١٩٦٥

الجمهورية العراقية

وزارة المواصلات

مديرية الطيران المدني العامة

مديرية الانواء الجوية العامة

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 لشهر مايس ١٩٦٥

مجلد ٢٨ عدد (٥) مايس ١٩٦٥

MONTHLY CLIMATOLOGICAL DATA FOR MAY 1965

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اعداد و تنظيم و توزيع من قبل شعبة المناخ

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CLIMATOLOGICAL SECTION

C O N T E N T S

	Table	Page
Daily mean temperature	[illegible]	[illegible]
" " pressure at M.S.L.	[illegible]	[illegible]
" " relative humidity	[illegible]	[illegible]
Daily maximum and minimum temperature	[illegible]	[illegible]
Monthly mean dry-bulb temperature	[illegible]	[illegible]
" " vapour-pressure	[illegible]	[illegible]
" " wet-bulb temperature	7	[illegible]
" " dew-point	[illegible]	[illegible]
" " relative-humidity	[illegible]	[illegible]
" " pressure at M.S.L.	[illegible]	[illegible]
" " low-cloud-amount	[illegible]	[illegible]
" " total-cloud-amount	[illegible]	[illegible]
Surface-Wind, number of observations of	[illegible]	[illegible]
Highest Wind-Speed during one hour	[illegible]	[illegible]
Daily precipitation	[illegible]	[illegible]
Daily grass minimum, soil temperature and evaporation	[illegible]	[illegible]
Climatological summary	[illegible]	[illegible]
Duration of sunshine	[illegible]	[illegible]

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TABLE 4-a.

المعدل اليومي لدرجات الحرارة (سنتغراد)

DAILY MEAN TEMPERATURES (C°) OF 8 OBSERVATIONS

الأيام	سنجار	موصل	كركوك	رطبة	حبانية	بغداد
DAYS	SINJAR	MOSUL	KIRKUK	RUTBAH	HABBANIYA	BAGHDAD
1	21.1	19.5	20.2	17.7	23.1	22.7
2	17.4	17.5	18.9	16.9	23.0	22.9
3	15.1	15.7	16.5	15.8	20.6	20.6
4	17.2	16.8	17.9	18.4	21.2	20.7
5	18.7	17.3	21.3	23.7	23.7	23.4
6	22.0	21.0	22.9	20.8	26.2	26.9
7	20.0	20.0	22.9	21.2	24.7	26.3
8	23.1	23.7	26.6	21.8	29.1	30.2
9	22.7	23.6	26.2	20.3	26.6	29.1
10	22.3	22.6	25.6	19.5	26.8	28.7
11	20.5	21.0	21.4	18.6	24.8	26.6
12	21.3	20.6	21.7	20.4	24.1	25.4
13	23.5	22.6	23.9	23.7	25.9	27.2
14	26.4	24.7	28.4	26.3	29.7	29.7
15	25.9	27.0	30.3	24.5	31.9	31.2
16	21.6	21.4	24.3	19.7	24.7	25.9
17	24.2	23.5	26.3	21.3	27.5	28.4
18	21.8	22.8	24.6	20.8	25.1	26.3
19	25.7	24.8	26.8	21.7	26.8	27.4
20	29.1	27.9	29.9	25.8	31.0	32.2
21	29.9	28.5	30.4	28.8	32.6	33.8
22	31.2	28.7	30.5	28.5	31.4	32.4
23	31.4	29.0	32.6	27.9	32.6	32.3
24	31.1	30.1	31.8	27.4	32.3	32.6
25	31.2	29.2	31.5	27.4	33.5	32.4
26	31.7	29.7	32.6	27.3	34.0	33.2
27	30.7	29.8	31.8	25.3	32.3	32.3
28	30.8	28.8	31.1	27.7	29.1	31.5
29	32.2	29.0	31.5	28.5	32.6	32.6
30	32.4	29.9	33.5	28.1	34.1	32.7
31	29.1	29.8	31.5	27.8	31.8	32.7
MEANS	25.5	24.4	26.6	23.4	28.1	28.7
DEPARTURE FROM NORMAL	....	+0.5	+0.2	-0.4	-0.2	+0.3

NOTE: AT SINJAR OBSERVATIONS 0000& 2100 ARE MISSED

T I M E : G . M . T .

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

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المعدل اليومي لدرجات الحرارة (سنتغراد)

DAILY MEAN TEMPERATURES (C°) OF 8 OBSERVATIONS.

الايام	حي	نجف	ديوانية	ناصرية	بصرة
DAYS	HAI	NAJAF	DIWANIYA	NASIRIYA	BASRAH
1	25.3	22.0	23.1	26.5	28.5
2	25.8	23.7	22.8	25.3	25.6
3	22.6	22.0	21.2	22.4	24.2
4	22.8	22.7	22.6	22.3	22.2
5	26.1	24.3	24.7	25.2	23.9
6	28.6	27.7	27.6	27.7	27.6
7	27.7	26.6	28.9	28.7	26.7
8	30.7	29.6	30.0	30.3	31.1
9	31.5	30.2	31.0	30.7	32.6
10	32.5	29.2	30.6	33.1	34.1
11	28.8	26.4	27.1	31.3	30.9
12	27.1	24.9	25.7	26.1	26.1
13	28.8	27.2	27.9	27.9	27.0
14	31.1	30.4	30.5	30.8	29.1
15	33.7	32.0	32.4	32.8	33.0
16	30.4	26.8	28.4	30.7	30.8
17	31.5	29.4	30.5	31.2	32.6
18	29.9	27.4	27.8	29.5	30.4
19	30.3	28.4	28.7	29.8	29.1
20	338.1	32.1	32.7	31.8	31.3
21	36.4	34.4	34.4	34.1	33.3
22	36.0	34.1	33.9	33.3	33.5
23	34.9	34.3	34.3	33.8	32.8
24	34.3	34.4	33.9	34.1	33.9
25	34.6	35.2	33.6	33.9	33.5
26	34.5	35.7	35.4	34.6	34.0
27	35.5	34.5	33.6	33.6	35.3
28	33.8	33.2	32.0	32.7	32.7
29	34.3	33.6	32.5	32.5	32.1
30	35.5	34.4	32.2	34.9	33.0
31	34.7	33.8	33.2	33.6	33.0
MEANS	29.2	29.7	29.8	30.5	30.4
DEPARTURE FROM NORMAL	-0.1	.....	0.0	+0.9	+1.2

NOTE: AT HAI OBSERVATION 2100 IS MISSED

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TABLE 2-a.

المعدل اليومي للضغط الجوي على سطح البحر (ملليبارات)

DAILY MEAN PRESSURE (MILLIBARS) AT M.S.L. OF 8 OBSERVATIONS

الايام	سنجار	موصل	كركوك	رطبة	حبانية	بغداد
DAYS	SINJAR	MOSUL	KIRKUK	RUTBAH	HABBANIYA	BAGHDAD
1	1007.5	1007.8	1007.3	1006.4	1006.7	1006.5
2	08.9	09.0	08.8	10.1	08.3	08.3
3	12.4	12.8	12.6	15.5	13.7	13.2
4	20.7	20.7	19.8	18.9	19.4	19.3
5	16.1	16.0	14.8	11.2	13.9	14.1
6	06.5	07.2	07.6	07.4	06.6	06.6
7	12.3	12.2	11.4	10.4	10.6	10.6
8	10.1	10.1	09.0	09.8	07.7	07.9
9	10.7	10.1	09.9	11.1	08.6	08.9
10	09.5	09.3	07.6	10.3	06.9	06.1
11	08.9	09.1	08.2	10.9	08.1	07.6
12	13.5	12.5	13.0	13.0	12.7	12.4
13	13.7	13.4	12.4	10.9	11.6	11.5
14	07.2	07.7	06.7	05.6	05.0	05.2
15	04.5	05.2	04.7	06.1	04.2	04.1
16	12.4	12.0	10.6	12.5	11.1	10.2
17	10.5	10.4	09.6	11.3	09.1	08.5
18	13.8	13.3	12.9	14.6	13.1	12.5
19	14.6	14.5	13.1	14.8	13.1	12.7
20	14.1	13.8	12.6	13.6	11.6	11.5
21	13.1	12.7	11.1	11.9	09.8	09.4
22	09.0	09.4	08.4	09.6	08.1	07.8
23	05.1	06.0	05.4	07.4	05.4	05.5
24	05.1	05.0	04.7	07.4	05.3	05.3
25	06.0	06.6	06.5	07.5	05.2	05.8
26	06.1	06.3	05.6	07.6	04.9	04.7
27	06.6	06.4	06.0	09.2	06.1	05.8
28	06.9	06.7	06.6	08.4	07.1	07.1
29	05.8	06.0	05.9	05.6	05.2	05.3
30	01.1	00.4	01.1	03.7	01.0	01.0
31	05.3	05.4	05.3	05.7	05.4	05.3
MEANS	1009.6	1009.6	1009.0	1010.0	1008.7	1008.5
DEPARTURE FROM NORMAL	[illegible]	+0.5	-0.9	-0.3	+0.4	+0.1

STATIONS	HIGHEST	DAY	TIME	YEAR	LOWEST	DAY	TIME	YEAR	
SINJAR	1021.5	4th	0600	1965	998.5	30th	1500	1965	THIS YEAR
MOSUL	1022.0	4th	0600	1965	998.4	30th	1500	1965	
KIRKUK	1020.9	4th	0600	1965	998.4	4th	1500	1965	
RUTBAH	1021.1	4th	0600	1965	1003.0	30th	1500	1965	
HABBANIYA	1021.0	4th	0600	1965	999.5	30th	1500	1965	
BAGHDAD	1021.0	4th	0600	1965	999.1	30th	1500	1965	
SINJAR	1021.5	4th	0600	1962	996.7	24th	1500	1962	RECORD
MOSUL	1022.0	4th	0600	1965	995.7	3rd	1200	1946	
KIRKUK	1020.9	4th	0600	1965	995.0	25th	1200	1962	
RUTBAH	1023.3	6th	0600	1946	997.4	1st	1200	1946	
BAGHDAD	1021.0	4th	0600	1965	996.8	25th	0000	1962	

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TABLE 2-b.

DAILY MEAN PRESSURE (MILLIBARS) AT M.S.L. OF 8 OBSERVATIONS

الايام	حي	نجف	ديوانية	ناصرية	بصرة
DAYS	HAI	NAJAF	DIWANIYA	NASIRIYA	BASRAH
1	1004.4	1005.6	1005.9	1004.4	1004.4
2	07.8	08.3	08.7	07.8	08.1
3	12.8	14.1	13.6	12.8	12.6
4	18.3	18.9	19.2	18.1	17.8
5	12.9	01.8	14.1	13.2	13.6
6	06.8	06.4	06.8	05.6	08.1
7	09.6	09.7	10.1	09.1	09.4
8	08.3	07.4	07.8	07.9	09.2
9	07.0	07.4	07.2	06.3	07.2
10	04.8	05.3	05.0	03.8	04.7
11	04.2	06.4	06.6	04.9	04.4
12	10.0	12.1	11.3	10.4	10.0
13	09.1	10.7	10.8	09.5	09.5
14	05.9	05.5	06.2	06.0	06.8
15	04.2	03.6	04.6	04.1	05.2
16	06.4	09.3	08.9	06.6	06.4
17	06.5	07.6	07.9	06.5	06.8
18	09.8	11.6	11.6	09.5	08.9
19	10.8	12.0	12.0	10.5	10.4
20	09.3	10.1	10.1	09.0	08.9
21	06.8	08.2	08.3	06.7	06.3
22	05.6	07.0	07.3	05.9	05.1
23	04.9	05.4	05.7	05.1	05.2
24	04.7	05.0	05.6	05.0	05.4
25	05.9	04.9	05.8	05.8	06.3
26	04.6	04.4	04.8	04.6	05.4
27	04.6	05.7	05.9	05.3	06.0
28	06.1	06.8	07.1	06.7	06.6
29	05.0	04.9	05.4	05.2	05.0
30	02.7	01.3	01.6	01.6	01.8
31	04.3	04.5	04.9	04.2	04.1
MEANS	1007.2	1007.5	1008.1	1007.2	1007.3
DEPARTURE FROM NORMAL	-0.5	0.0	+0.6	-0.2	+0.2

STATIONS	HIGHEST	DAY	TIME	YEAR	LOWEST	DAY	TIME	YEAR
HAI	1020.8	4th	0600	1965	998.7	30th	1500	1965
NAJAF	1020.7	4th	0600	1965	999.2	30th	1500	1965
DIWANIYA	1020.9	4th	0600	1965	1000.3	30th	1500	1965
NASIRIYA	1019.8	4th	0600	1965	1000.0	30th	1500	1965
BASRAH	1019.2	4th	0600	1965	1000.1	30th	1500	1965
HAI	1020.8	4th	0600	1965	997.5	31st	1500	1950
NAJAF	1020.7	4th	0600	1965	997.7	28th	1500	1965
DIWANIYA	1020.9	4th	0600	1965	996.2	3rd	0000	1948
NASIRIYA	1019.8	4th	0600	1965	997.2	3rd	0000	1948
BASRAH	1019.2	4th	0600	1965	997.7	3rd	0000	1955

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TABLE -3.

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مايس ١٩٦٥

المعدل اليومي للرطوبة النسبية (٪)

DAILY MEAN RELATIVE HUMIDITY (%) OF 8 OBSERVATIONS

الايام	سنجار	موصل	كركوك	رطبة	حبانية	بغداد	حي	نجف	ديوانية	ناصرية	بصرة
DAYS	SIN-JAR	MO-SUL	KIR-KUK	RUT-BAH	HABB-ANIYA	BAG-HDAD	HAI	NA-JAF	DIWA-NIYA	NASI-RIYA	BAS-RAH
1	42	64	55	59	51	48	47	47	51	41	58
2	58	69	64	53	56	43	47	41	54	39	69
3	31	72	62	38	49	34	36	32	38	28	64
4	36	66	48	25	57	35	33	28	36	28	54
5	34	74	42	12	48	34	33	28	38	32	55
6	37	55	37	29	34	29	30	24	27	30	33
7	46	60	42	34	46	32	33	26	28	25	48
8	33	47	29	26	32	23	30	28	23	30	29
9	25	36	29	26	38	26	33	24	26	30	32
10	25	37	27	30	35	22	37	22	26	32	36
11	26	41	41	32	42	25	36	26	27	28	50
12	31	51	38	15	49	26	32	31	28	29	56
13	24	44	32	18	45	21	31	28	27	27	60
14	24	45	26	16	34	24	34	23	25	30	50
15	24	32	19	24	29	25	28	20	24	31	28
16	27	36	26	35	43	29	32	26	24	29	53
17	23	33	21	30	32	25	33	22	23	25	36
18	32	37	26	26	34	26	30	22	24	24	40
19	28	33	24	24	34	27	30	26	28	26	45
20	23	27	23	20	31	24	29	21	24	33	56
21	22	25	19	18	28	21	27	22	22	29	53
22	13	26	22	22	27	21	23	21	19	30	48
23	15	33	22	22	31	28	27	22	27	30	49
24	16	29	20	20	29	24	32	21	26	30	56
25	15	32	21	21	30	26	32	19	22	29	56
26	15	33	20	22	28	23	35	20	23	22	46
27	15	26	20	20	23	24	31	22	27	35	51
28	15	27	20	17	25	27	28	20	28	32	59
29	12	30	19	13	34	26	30	18	28	34	50
30	12	31	16	20	20	25	27	15	26	20	50
31	18	27	19	27	26	25	27	19	27	33	54
MEANS	26	41	30	26	36	27	32	24	28	30	49
NORMAL	[illegible]	43	32	32	34	30	34	[illegible]	32	36	53

STATIONS	HIGHEST	TIME	DAY	LOWEST	TIME	DAY
SINJAR	84	0600	2nd	8	0900	29th
MOSUL	95	0300	3rd	9	1200	30th
KIRKUK	91	0500	3rd	7	1500	21st
RUTBAH	95	2100	1st	5	1500	29th
HABBANIYA	85	0500	5th	8	1200	30th
BAGHDAD	78	0300	2nd	9	1200	14th
HAI	80	0300	2nd	14	1200	9th
NAJAF	75	0300	1st	5	1500	30th
DIWANIYA	85	0300	2nd	9	1200	3rd
NASIRIYA	72	0300	2nd	7	1200	25th
BASRAH	95	0000	3rd	9	1200	17th

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TABLE 4a.

مايس ١٩٦٥

درجات الحرارة العظمى والصغرى اليومية (بالفهرنهايت)

DAILY MAXIMUM AND MINIMUM TEMPERATURES (°F)

	سنجار		موصل		كركوك		خانقين	
	SINJAR		MOSUL		KIRKUK		KHANAQIN	
الايام	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DAYS	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	24.0	15.3	26.3	12.2	28.5	15.3	31.1	17.8
2	20.8	14.4	24.1	14.0	24.0	15.9	28.3	15.0
3	18.6	10.2	21.2	11.6	21.5	12.3	24.4	13.9
4	20.2	9.8	23.5	8.9	24.0	10.7	26.7	10.0
5	22.2	12.3	22.7	10.2	27.7	13.9	30.6	11.1
6	26.5	17.8	30.0	13.7	30.3	16.7	35.0	15.6
7	24.0	14.4	28.6	11.3	28.6	14.7	31.7	13.9
8	28.3	13.8	32.0	14.0	33.3	17.0	37.2	15.1
9	25.8	17.6	31.5	16.0	33.4	16.5	36.1	22.2
10	26.0	16.3	30.7	13.9	32.4	17.4	36.7	18.3
11	23.6	16.2	27.9	16.0	29.4	11.2	31.7	17.2
12	24.2	15.1	28.8	11.8	28.8	13.6	30.6	12.2
13	27.5	16.6	30.6	13.0	30.6	16.4	33.9	16.1
14	30.2	17.4	34.7	13.9	37.1	18.0	38.3	18.4
15	31.8	19.2	37.8	14.3	37.5	24.8	40.0	20.6
16	26.0	14.2	28.8	14.1	31.3	15.8	33.9	20.0
17	28.9	16.0	32.2	11.7	33.5	18.3	33.9	18.9
18	25.5	15.6	29.3	16.2	30.6	17.2	32.8	15.6
19	30.1	17.8	33.8	14.5	35.0	16.6	36.7	18.7
20	32.8	20.7	37.0	18.3	38.4	20.2	40.0	20.6
21	33.1	24.4	36.8	19.8	37.4	22.1	41.1	25.6
22	34.6	26.2	37.4	18.3	37.2	20.0	40.6	19.4
23	35.0	25.3	38.8	17.8	39.5	23.0	39.4	20.9
24	34.8	26.0	38.4	20.4	38.7	27.2	39.4	23.3
25	35.5	24.3	39.2	19.0	39.9	25.3	41.1	21.7
26	35.6	25.4	38.8	17.4	39.9	28.5	42.8	22.8
27	34.5	26.0	39.3	18.3	39.0	22.5	41.7	22.2
28	34.2	25.3	38.3	18.3	37.9	22.3	38.9	20.6
29	35.9	26.2	38.8	17.8	38.9	23.8	39.4	20.9
30	35.3	27.6	40.9	15.8	39.8	25.1	41.7	22.8
31	32.7	24.2	37.7	19.2	38.1	24.0	40.0	22.0
MEANS	29.0	19.2	32.8	15.3	33.3	18.7	36.0	18.1
DEPARTURE FROM NORMAL	---	---	-0.3	+1.0	-0.1	-0.1	+1.1	-0.3

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
SINJAR	38.1	31st	1962	4.3	1st	1962
MOSUL	44.1	31st	1959	6.1	1st	1948
KIRKUK	43.3	7th	1942	6.7	1st	1954
KHANAQIN	44.0	29th	1960	8.3	1st	1948

درجات الحرارة العظمى و الصغرى اليومية (سنتيغراد)

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

	رطبة RUTBAH		حبانية HABBANIYA		بغداد BAGHDAD		هيت HIT	
اليوم DAY	عظمى MAX.	صغرى MIN.	عظمى MAX.	صغرى MIN.	عظمى MAX.	صغرى MIN.	عظمى MAX.	صغرى MIN.
1	26.0	16.0	27.3	16.5	28.5	19.6	32.4	16.6
2	24.0	10.1	28.1	16.1	29.4	14.7	31.0	14.0
3	23.2	7.4	26.1	15.7	26.2	15.0	30.2	16.0
4	26.0	7.2	28.3	12.2	28.3	10.0	32.0	12.6
5	31.5	14.2	30.8	14.3	31.1	12.8	33.0	12.6
6	26.5	14.6	24.7	19.2	26.6	19.3	35.8	16.2
7	30.0	11.6	31.8	16.4	32.6	17.3	34.1	17.5
8	28.9	15.0	38.4	19.9	30.0	21.5	38.5	19.0
9	27.5	11.5	32.2	17.8	36.3	22.0	38.5	18.8
10	25.0	11.5	34.5	16.9	36.0	20.6	39.1	21.0
11	23.0	11.8	31.4	20.0	35.0	21.7	36.4	22.4
12	28.8	10.8	30.6	16.1	31.6	18.8	33.4	18.8
13	31.0	13.6	33.6	16.1	33.9	20.1	35.5	19.4
14	35.2	15.5	39.9	18.2	38.0	17.2	39.0	17.6
15	34.5	14.0	41.6	23.2	40.8	22.6	40.0	21.8
16	26.3	11.0	29.5	20.9	31.1	21.0	35.5	23.0
17	28.5	14.5	34.0	19.4	36.0	21.0	39.4	20.6
18	27.5	12.1	31.2	18.8	32.1	20.7	35.5	23.2
19	28.0	12.5	34.5	17.0	35.1	18.5	37.8	19.0
20	34.0	15.5	39.5	22.2	39.6	20.0	42.2	19.8
21	34.5	21.0	37.4	23.4	41.3	21.6	43.8	21.8
22	36.2	19.8	38.9	23.1	40.5	25.0	42.1	23.0
23	35.6	19.4	40.0	22.6	40.4	23.5	40.6	24.6
24	35.9	18.5	40.5	23.7	40.2	22.4	40.8	25.6
25	36.2	17.4	43.2	22.0	42.3	21.4	41.6	25.0
26	35.6	18.5	42.1	23.3	43.0	21.1	42.8	23.6
27	34.1	16.5	40.6	23.4	41.8	21.4	43.0	23.0
28	36.2	17.0	39.5	22.2	39.8	21.1	39.8	23.4
29	36.8	20.5	42.2	22.1	41.5	20.8	41.2	23.0
30	35.4	19.0	41.2	26.7	41.6	21.9	42.8	22.0
31	36.0	21.0	38.8	24.1	39.2	21.4	41.0	22.6
MEANS	31.0	15.1	35.7	19.9	36.0	19.8	37.7	21.4
DEPARTURE FROM NORMAL	-0.5	-0.7	-0.5	-0.1	+0.2	-0.1	+0.7	+0.3

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
RUTBAH	42.4	7th	1942	5.6	1st	1948
HABBANIYA	46.7	7th	1942	8.3	4th	1950
BAGHDAD	44.6	28th	1960	10.0	4th	1965
HAI	46.1	26th	1941	11.0	2nd	1964

MAY 1955.

TABLE 4-C.

درجات الحرارة العظمى و الصغرى اليومية (مئويه)

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

	النجف		الديوانية		الناصرية		البصرة	
	NAJAF		DIWANIYA		NASIRIYA		BASRAH	
الأيام	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DAYS	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	29.5	14.5	30.8	17.5	32.2	21.2	34.8	25.0
2	29.4	15.2	31.2	14.1	33.1	17.3	31.5	22.0
3	26.4	15.3	26.5	14.8	28.7	17.0	30.5	19.4
4	29.8	15.4	30.3	14.2	29.6	12.1	27.7	15.5
5	31.8	15.3	33.0	14.8	33.6	14.6	31.5	17.0
6	36.4	20.0	38.6	16.1	34.7	19.2	37.0	18.5
7	34.5	18.4	35.2	17.6	34.8	21.1	35.3	18.7
8	39.2	19.3	38.5	19.5	38.4	21.1	40.5	20.0
9	39.0	20.7	39.8	21.8	37.2	22.2	40.8	23.0
10	38.0	18.5	39.8	20.7	39.4	25.6	40.8	25.4
11	33.0	20.4	34.6	21.0	38.3	27.7	38.1	26.0
12	32.0	16.5	33.5	17.2	33.3	18.2	32.4	24.8
13	35.5	17.5	36.5	18.0	35.4	18.7	34.0	20.7
14	38.7	19.7	40.0	20.0	40.2	20.6	38.4	26.8
15	40.6	22.6	42.5	20.8	40.7	24.1	41.0	24.3
16	33.0	18.5	35.5	24.2	38.8	24.6	40.4	23.5
17	38.3	18.5	40.0	20.5	40.1	20.8	43.5	23.7
18	33.5	22.2	35.0	22.4	37.0	23.7	36.8	25.6
19	36.3	20.3	37.5	18.4	38.4	24.6	36.9	23.4
20	42.0	20.5	42.6	20.9	41.3	22.8	38.6	24.8
21	43.3	25.2	43.2	24.2	43.9	25.8	41.5	25.0
22	41.7	25.0	42.7	25.0	41.4	27.7	39.3	27.9
23	41.6	28.9	41.5	25.6	39.4	28.0	38.6	27.9
24	41.5	27.2	41.6	25.0	41.7	28.2	41.8	28.4
25	42.6	22.9	43.1	22.6	42.2	22.8	41.6	26.0
26	43.4	26.3	44.2	25.1	44.7	25.1	41.8	25.7
27	41.4	27.0	41.5	24.1	43.1	26.0	44.3	27.7
28	40.3	24.5	40.0	23.2	38.7	25.7	39.2	26.6
29	42.3	23.7	42.3	20.6	41.7	20.9	38.9	24.0
30	42.4	25.2	42.5	22.5	43.6	24.0	42.5	22.8
31	41.8	26.2	41.6	23.0	41.7	22.5	40.5	25.6
MEANS	37.4	21.0	38.2	20.5	38.3	22.3	38.1	23.5
DEPARTURE FROM NORMAL	---	---	+1.5	+1.0	+1.4	-0.4	+2.2	-0.4

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN	DAY	YEAR
NAJAF	43.4	26th	1961	13.0	2nd	1961
DIWANIYA	45.6	12th	1944	7.8	1st	1948
NASIRIYA	46.2	24th	1960	11.6	1st	1948
BASRAH	45.6	23rd	1951	8.9	1st	1952

MAY 1962

TABLE 5. MONTHLY MEAN DRY-BULB TEMPERATURES (C°)

STATIONS	TIME=GMT 0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	"""	20.4	25.7	27.8	28.2	27.9	23.9	"""	"""
MOSUL	17.2	16.6	23.6	30.2	32.4	30.6	24.6	18.3	"""
KIRKUK	20.7	20.4	27.8	34.5	32.7	31.7	25.7	23.0	26.6
KHANAQIN	"""	19.8	30.2	34.1	35.2	33.3	27.3	"""	30.0
QUTBAH	17.5	16.5	22.7	27.9	30.1	29.0	23.4	20.2	23.4
HABBANIYA	21.7	25.7	27.8	33.7	35.5	33.7	27.6	24.5	28.2
BAGHDAD	22.8	21.2	28.4	33.4	36.8	34.3	28.0	25.4	28.7
HAI	"""	20.9	29.8	34.5	36.8	34.5	28.2	"""	30.8
NAJAF	23.8	21.6	29.1	34.9	36.7	35.3	28.0	26.6	29.7
DIWANIYA	22.5	21.4	30.7	35.4	37.9	35.6	28.6	26.8	29.8
NASIRIYA	24.6	23.8	30.0	36.0	37.5	35.3	30.1	27.3	30.2
BASRAH	25.5	24.1	30.9	35.5	37.0	33.9	29.5	27.2	30.2

TABLE 6. MONTHLY MEAN VAPUR-PRESSURE (MILLIBARS)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	"""	7.8	8.3	7.9	6.8	6.8	7.3	"""	7.5
MOSUL	11.2	11.2	11.9	11.6	9.8	9.8	14.3	11.4	11.3
KIRKUK	9.2	9.5	10.2	8.1	7.8	8.6	9.6	9.4	8.6
KHANAQIN	"""	9.6	9.7	9.0	9.1	8.2	11.1	"""	9.3
QUTBAH	6.9	7.6	7.9	6.4	5.4	5.5	6.3	6.3	6.3
HABBANIYA	12.9	12.8	12.7	11.4	10.8	12.5	12.9	12.6	12.3
BAGHDAD	9.3	10.1	11.1	9.2	6.6	9.1	10.7	10.0	9.6
HAI	"""	12.2	15.2	14.4	13.7	12.2	12.8	"""	13.6
NAJAF	9.5	9.7	9.5	9.5	8.4	8.4	9.5	9.8	9.2
DIWANIYA	10.6	10.9	11.8	10.8	10.0	10.2	11.0	10.6	10.7
NASIRIYA	12.5	11.8	12.8	10.8	10.8	12.6	14.2	12.9	12.2
BASRAH	18.4	19.5	21.2	21.7	21.1	21.5	21.9	20.8	20.5

TABLE 7. MONTHLY MEAN WET-BULB TEMPERATURES (C°)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	"""	12.1	14.4	15.3	15.0	14.6	13.6	"""	14.2
MOSUL	12.8	12.5	15.9	18.0	17.9	17.6	15.9	14.2	15.8
KIRKUK	13.2	13.2	15.6	17.1	17.3	16.9	15.5	14.2	15.6
KHANAQIN	"""	12.8	17.2	18.5	18.9	18.0	16.4	"""	17.3
QUTBAH	10.3	10.1	13.3	14.8	15.1	14.8	12.8	11.3	12.8
HABBANIYA	15.6	15.1	17.9	19.3	19.9	18.8	18.0	16.8	17.9
BAGHDAD	14.4	13.9	17.4	18.6	18.9	18.6	17.0	15.5	16.9
HAI	"""	14.7	19.2	20.9	21.0	19.9	17.5	"""	18.9
NAJAF	14.7	13.8	16.8	18.8	19.6	18.6	17.1	15.3	16.9
DIWANIYA	14.6	14.3	18.2	19.7	20.3	19.5	17.4	15.8	17.5
NASIRIYA	16.5	15.5	18.7	20.0	20.3	20.0	17.4	17.7	18.1
BASRAH	19.6	19.6	22.6	24.2	24.3	23.7	22.4	21.2	22.2

TABLE 8. MONTHLY MEAN DEW-POINT (C°)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	"""	2.9	3.9	3.1	0.9	0.8	2.0	"""	2.3
MOSUL	8.6	8.5	9.4	8.0	5.3	6.5	8.5	8.8	8.0
KIRKUK	5.5	6.1	7.1	3.5	2.5	3.3	6.1	5.7	5.0
KHANAQIN	"""	5.9	6.3	5.1	5.2	4.5	6.8	"""	5.5
QUTBAH	1.4	2.6	2.9	0.0	-2.4	-2.1	-0.2	-0.4	0.1
HABBANIYA	10.6	10.3	10.2	8.1	7.8	10.0	10.4	10.2	9.7
BAGHDAD	6.6	7.1	8.5	5.6	4.4	5.3	7.6	6.7	6.5
HAI	"""	10.0	13.1	12.2	11.4	10.7	10.5	"""	11.5
NAJAF	6.1	6.3	6.0	5.8	5.6	4.1	5.8	6.6	5.8
DIWANIYA	7.4	7.9	8.5	7.3	6.5	6.7	8.1	7.4	7.5
NASIRIYA	9.7	9.0	9.7	7.5	7.3	9.5	11.6	10.5	9.4
BASRAH	15.8	16.6	17.9	18.4	17.5	18.0	18.3	17.6	17.5

MAY 1965.

TABLE - 9.

MONTHLY MEAN RELATIVE HUMIDITY (%)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR		35	30	23	19	19	27		
MOSUL	59	61	43	28	21	25	40	54	
KIRKUK	41	44	30	20	17		32	36	
KHANAQIN		44	24	18	17	17	30		
RUTBAH	36	43	30	16	14	15	23	28	
HABBANIYA	51	54	35	22	20	25	37	43	
BAGHDAD	37	41	29	19	15	17	29	32	
HAI		51	37	25	22	24	34		
NAJAF	34	39	24	18	15	16	23	28	
DIWANIYA	40	44	27	18	16	18	29	34	
NASIRIYA	40	45	30	18	17	22	33	36	
BASRAH	57	59	47	38	35	41	53	58	

TABLE- 10. MONTHLY MEAN PRESSURE (mbs) AT M.S.L.

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR		10.5	10.6	09.9	08.8	08.5	09.8		
MOSUL	10.2	10.8	11.1	10.0	08.4	07.8	09.2	10.0	
KIRKUK	09.5	10.0	09.7	08.9	07.8	07.4	09.0	09.5	
KHANAQIN		10.1	08.2	07.0	06.0	05.4	08.2		
RUTBAH	10.0	10.5	11.2	09.9	09.0	09.2	09.6	09.7	
HABBANIYA	08.5	09.2	09.9	09.3	07.7	07.2	08.3	08.5	
BAGHDAD	08.1	08.7	09.6	09.1	07.8	07.1	08.1	08.3	
HAI		07.4	07.9	07.8	06.6	05.8	07.2		
NAJAF	07.7	08.2	09.2	08.7	07.2	06.5	07.7	07.9	
DIWANIYA	07.9	08.3	09.3	08.9	07.4	06.9	07.9	08.2	
NASIRIYA	06.9	07.4	08.3	07.5	06.5	05.9	07.1	07.4	
BASRAH	07.0	07.4	08.5	08.1	06.7	06.4	07.3	07.4	

TABLE- 11. MONTHLY MEAN LOW CLOUD AMOUNTS (OKTAS)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR		0.3	0.4	0.9	1.4	0.9	0.4		
MOSUL	1.5	1.6	1.7	1.8	2.6	2.6	0.8	0.8	
KIRKUK	0.4	0.9	0.5	0.9	1.4	1.4	0.6	0.5	
KHANAQIN		1.9	1.8	2.0	2.4	2.3	1.4		
RUTBAH	0.4	0.4	0.5	0.8	1.1	1.0	0.4	0.3	
HABBANIYA	0.0	0.1	0.2	0.3	0.6	0.2	0.0	0.0	
BAGHDAD	0.0	0.1	0.1	0.2	0.6	0.2	0.1	0.0	
HAI		0.4	0.3	0.1	0.4	0.1	0.1		
NAJAF	0.2	0.5	0.4	0.2	0.4	0.7	0.4	0.1	
DIWANIYA	0.1	0.3	0.4	0.5	0.1	0.3	0.2	0.1	
NASIRIYA	0.5	0.5	0.5	1.5	1.3	0.4	0.4	0.2	
BASRAH	0.1	0.6	0.2	0.3	0.6	0.5	0.5	0.1	

TABLE- 12. MONTHLY MEAN TOTAL CLOUD AMOUNT (OKTAS)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR		1.6	3.4	3.0	3.8	2.9	1.7		
MOSUL	2.3	2.4	3.5	4.0	4.6	4.1	1.3	1.4	3.0
KIRKUK	1.2	2.4	2.2	2.8	3.3	3.4	1.7	1.1	
KHANAQIN		2.6	2.2	3.4	4.4	4.1	2.4		
RUTBAH	1.2	2.5	2.5	2.5	2.4	2.3	1.2	0.4	1.9
HABBANIYA	1.3	2.1	2.3	2.2	2.7	2.2	1.5	1.3	
BAGHDAD	1.5	2.2	2.4	2.3	2.7	2.5	1.6	1.7	
HAI		2.1	2.0	2.0	2.3	2.4	1.5		
NAJAF	0.9	1.8	1.6	1.1	1.8	2.1	1.2	1.0	
DIWANIYA	0.9	1.6	1.4	1.7	1.4	1.7	1.2	0.7	
NASIRIYA	1.3	1.6	1.3	2.2	2.3	1.2	0.9	1.1	
BASRAH	1.2	2.0	1.8	1.7	2.2	1.9	1.4	1.0	

مايو ١٩٦٥ (١١)

عدد عشرار رصدات الرياح السطحية

SURFACE - WIND, NUMBER OF OBSERVATIONS OF:

الشهر	وقت الرصد TIME GMT	DIRECTION الاتجاه N	NE	E	SE	S	SW	W	NW	CALM سكون	SPEED IN KNOTS السرعة بالعقد 1-10	11-21	22-33	34-47	48-63	MISSING مفقود
	0000	15	0	2	0	0	0	6	0	3	24	4	0	0	0	7
	0300	2	1	7	0	0	0	5	3	5	18	4	2	0	0	0
	0600	3	1	3	0	0	0	5	5	2	23	5	1	0	0	0
	0900	2	0	3	1	0	0	6	4	2	23	1	1	0	0	1
	1200	2	0	1	1	0	0	6	2	2	22	5	1	0	0	0
	1500	2	0	1	1	0	0	7	2	2	23	4	1	0	0	0
	1800	1	1	2	0	0	0	3	3	2	22	5	1	0	0	0
	TOTAL	31	4	19	2	0	0	43	26	20	105	32	7	0	0	8
	0000	0	0	2	0	0	0	8	7	13	14	3	1	0	0	0
	0300	5	1	1	0	0	0	8	9	10	20	1	0	0	0	0
	0600	5	0	1	0	0	0	8	6	2	22	2	0	0	0	0
	0900	7	1	2	0	0	0	9	5	2	24	1	0	0	0	0
	1200	7	0	2	0	0	0	9	4	2	24	1	0	0	0	0
	1500	6	0	2	0	0	0	9	5	2	24	1	0	0	0	0
	1800	1	0	2	0	0	0	9	8	1	19	4	1	0	0	0
	2100	0	0	2	0	0	0	9	8	1	18	4	0	0	0	0
	TOTAL	31	2	15	0	0	0	69	52	34	165	13	2	0	0	5
	0000	2	1	2	0	0	0	8	7	11	20	0	0	0	0	0
	0300	3	1	2	0	0	0	8	6	16	15	0	0	0	0	0
	0600	2	1	2	0	0	0	8	7	11	17	0	0	0	0	0
	0900	2	1	2	0	0	0	8	7	10	17	0	0	0	0	0
	1200	2	1	2	0	0	0	8	7	7	17	0	0	0	0	0
	1500	1	1	2	0	0	0	8	7	12	17	0	0	0	0	0
	1800	2	1	2	0	0	0	8	7	21	17	0	0	0	0	0
	2100	3	1	3	1	0	0	8	7	14	16	1	0	0	0	0
	TOTAL	20	8	17	1	0	0	64	55	108	135	1	0	0	0	0
	0000	0	0	2	0	0	0	8	8	17	18	0	0	0	0	0
	0300	1	0	2	0	0	0	8	8	14	18	0	0	0	0	0
	0600	1	0	2	0	0	0	8	8	13	21	0	0	0	0	0
	0900	2	0	2	0	0	0	8	8	10	20	0	0	0	0	0
	1200	3	0	2	0	0	0	8	8	10	20	0	0	0	0	0
	1500	3	0	2	0	0	0	8	8	10	20	0	0	0	0	0
	1800	3	0	2	0	0	0	8	8	10	20	0	0	0	0	0
	TOTAL	13	0	16	0	0	0	64	64	84	157	0	0	0	0	0
	0000	1	1	1	0	0	0	8	8	12	22	0	0	0	0	0
	0300	1	1	1	0	0	0	8	8	11	22	0	0	0	0	0
	0600	1	1	1	0	0	0	8	8	10	22	0	0	0	0	0
	0900	1	1	1	0	0	0	8	8	10	22	0	0	0	0	0
	1200	1	1	1	0	0	0	8	8	10	22	0	0	0	0	0
	1500	1	1	1	0	0	0	8	8	10	22	0	0	0	0	0
	1800	1	1	1	0	0	0	8	8	10	22	0	0	0	0	0
	2100	1	1	1	0	0	0	8	8	10	22	0	0	0	0	0
	TOTAL	8	8	8	0	0	0	64	64	93	176	0	0	0	0	0

13-b.

عدد تكرار رصدات الرياح السطحية

SURFACE - WIND NUMBER OF OBSERVATIONS OF:

المرصد	وقت كرينتش	DIRECTION الاتجاه								ربع ساكن	SPEED IN KNOTS السرعة بالعقد				معدل السرعة بالعقد
...IONS	TIME-GMT.	N	NE	E	SE	S	SW	W	NW	CA-LM	1-10	11-21	22-33	34	MEAN V.K.
حبانية	0000	0	0	1	3	0	0	6	9	12	15	4	0	0	5
	0300	3	0	1	1	2	0	7	7	10	15	6	0	0	6
	0600	4	1	1	1	0	1	8	15	0	23	7	1	0	9
	0900	3	1	0	0	5	2	8	11	1	20	10	0	0	10
...BRANIYA	1200	5	0	0	1	5	1	10	8	1	19	11	0	0	10
	1500	2	2	1	2	2	1	10	7	4	22	5	0	0	7
	1800	3	0	3	1	0	2	12	3	7	20	4	0	0	6
	2100	2	0	5	0	0	0	8	7	9	16	6	0	0	6
	TOTAL	22	4	12	9	14	7	69	67	44	140	53	1	0	7
بغداد	0000	5	2	1	2	0	0	2	13	6	17	8	0	0	7
	0300	7	1	2	0	0	1	2	10	8	17	6	0	0	7
	0600	7	1	0	3	1	1	4	12	2	19	9	1	0	10
	0900	14	1	0	2	2	1	1	9	1	16	13	1	0	12
...GHDAD	1200	9	0	0	1	3	2	3	13	0	14	16	1	0	12
	1500	9	0	0	3	2	1	4	12	0	23	7	1	0	9
	1800	4	0	2	2	1	1	4	12	5	23	3	0	0	6
	2100	2	4	2	1	1	2	0	15	4	19	8	0	0	7
	TOTAL	57	9	7	14	10	9	20	96	26	148	70	4	0	9
حمص	0300	3	0	1	0	0	1	10	6	10	21	0	0	0	5
	0600	5	0	3	1	2	0	8	7	5	21	5	0	0	6
	0900	5	2	2	2	1	1	5	8	5	15	11	0	0	8
...AI	1200	3	0	3	4	1	0	11	5	4	15	12	0	0	8
	1500	4	0	5	2	0	1	6	9	4	23	4	0	0	6
	1800	3	1	1	1	0	0	9	6	10	19	2	0	0	5
	TOTAL	23	3	14	10	4	3	49	41	38	114	34	0	0	6
نجف	0000	16	3	4	0	1	1	3	2	1	19	10	1	0	9
	0300	18	1	0	0	1	2	4	5	0	27	4	0	0	7
	0600	21	2	0	0	1	0	2	1	4	20	6	1	0	8
	0900	20	4	0	0	4	0	2	1	0	23	7	1	0	10
...AJAF	1200	18	3	2	3	2	0	3	0	0	20	9	2	0	10
	1500	15	4	0	4	2	0	0	6	0	24	7	0	0	9
	1800	15	4	4	1	2	0	1	3	1	27	3	0	0	7
	2100	14	2	1	3	2	2	2	4	1	22	7	1	0	9
	TOTAL	137	23	11	11	15	5	17	22	7	182	53	6	0	9

MAY 1965. مايس ١٩٦٥

TABLE 130.

عدد تكرار رصدات الرياح السطحية

SURFACE - WIND NUMBER OF OBSERVATIONS OF:

المحطة	وقت كرينتش	DIRECTION الاتجاه								ريح ساكن	SPEED IN KNOTS السرعة بالعقد				معدل السرعة بالعقد
STATIONS	TIME GMT.	N	NE	E	SE	S	SW	W	NW	CA-LM	1-10	11-21	22-33	34	MEAN V.K.
ديوانية	0000	12	1	3	0	0	0	5	2	6	19	4	0	0	6
	0300	11	0	2	2	0	1	5	4	6	19	6	0	0	6
	0600	13	3	2	0	0	0	6	4	3	16	12	0	0	9
	0900	15	1	0	0	3	0	4	6	2	16	13	0	0	10
DIWANIYA	1200	10	1	1	1	2	2	8	6	1	15	15	0	0	10
	1500	11	1	0	2	1	0	8	6	2	18	11	0	0	8
	1800	8	3	2	3	0	0	5	5	5	23	3	0	0	5
	2100	7	1	4	0	0	1	6	7	5	23	3	0	0	6
	TOTAL	89	11	14	8	6	4	47	40	32	149	67	0	0	8
ناصرية	0000	9	0	1	3	3	1	7	6	1	27	3	0	0	6
	0300	9	1	1	1	2	3	6	4	4	24	3	0	0	5
	0600	3	3	2	2	2	1	3	14	1	23	7	0	0	8
	0900	3	1	3	4	1	0	2	16	1	20	10	0	0	9
NASIRIYA	1200	3	0	4	4	1	0	3	16	0	22	9	0	0	9
	1500	10	1	2	5	0	1	1	11	0	27	4	0	0	7
	1800	6	1	2	3	0	1	5	12	1	26	4	0	0	6
	2100	7	2	1	2	4	1	3	8	3	26	2	0	0	7
	TOTAL	50	9	16	24	13	8	30	87	11	195	42	0	0	7
بصرة	0000	7	1	2	1	3	2	4	11	0	27	4	0	0	7
	0300	6	1	4	3	1	0	8	8	0	29	2	0	0	6
	0600	6	0	4	2	4	2	0	13	0	27	4	0	0	7
	0900	10	0	1	6	1	0	0	13	0	20	11	0	0	9
BASRAH	1200	1	0	3	5	0	1	1	20	0	15	16	0	0	11
	1500	9	0	0	4	2	0	0	16	0	25	5	0	0	7
	1800	5	2	1	4	3	1	4	11	0	27	4	0	0	7
	2100	7	0	0	1	6	2	3	12	0	26	5	0	0	7
	TOTAL	51	4	15	26	20	8	20	104	0	197	51	0	0	8

TABLE 14.

اعلى سرعة ريح حدثت خلال ساعة

HIGHEST WIND - SPEED, DURING ONE HOUR.

STATIONS	HIGHEST WIND - SPEED DURING ONE HOUR (V.K.)	DIRECTION	TIME GMT.	DAY
SINJAR	40 Knots	250	1800	8th
MOSUL	35	280	1500	15th
KIRKUK	20	270	1800	15th
KHANAQIN	26	180	0900	15th
RUTBAH	25	250	2100	30th
HABBANIYA	22	280	0600	3rd
BAGHDAD	25	300	1500	11th
RAI	22	340	0900	22nd
NAJAF	25	360	2100	15th
DIWANIYA	18	340	0900	21st
NASIRIYA	20	320	0900	12th
BASRAH	21	150	1800	1st

AY 1965.

TABLE 15a.

الهطول اليومي (مليمترات)

DAILY PRECIPITATION (MILLIMETERS), tr < 0.05 mm

الايام	سنجار	جرجل	كركوك	خانقين	رشيد	حبانية
DAYS	SINJAR	MOSUL	KIRKUK	KHANAQIN	RUTBAH	HABBANIYA
1	tr	1.2	tr	3.3		tr
2	tr	7.7	8.0			
3			tr			
4						
5						
6			tr			
7						
8						
9						
10						
11	tr		tr	0.1		
12						
13						
14						
15						
16						
17						
18						
19					tr	
20						
21						
22					tr	
23		tr				tr
24						
25						
26						
27						
28						
29						
30						
31					tr	
TOTAL	tr	8.9	8.0	3.4	tr	tr
NORMAL		20.3	16.5	21.4	9.7	3.7

STATIONS	HIGHEST AMOUNT OF RAIN IN ONE HOUR DAY	DAY	YEAR
SINJAR	78.5	20th	1959
MOSUL	40.4	11th	1963
KIRKUK	45.1	10th	1963
KHANAQIN	32.6	6th	1950
RUTBAH	46.6	12th	1957
HABBANIYA	17.7	1st	1963

MAY 1965.
TABLE 15b.

مايس ١٩٦٥
الهطول اليومي (ملليمترات)
DAILY PRECIPITATION (MILLIMETERS), tr = < 0.05 mm

الايام	بغداد	حي	نجف	ديوانية	ناصرية	بصرة
DAYS	BAGHDAD	HAI	NAJAF	DIWANIYA	NASIRIYA	BASRAH
1	0.1	tr	1.5	1.1	tr	0.1
2						
3						
4						
5						
6						
7						
8		tr		tr		
9					tr	0.6
10		tr				tr
11		tr		tr		
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26		0.6				
27						
28						
29						
30						
31						
TOTAL	0.1	0.6	1.5	1.1	tr	0.7
NORMAL	7.1	6.9	...	9.0	5.4	7.3

STATIONS	HIGHEST AMOUNT OF RAIN IN ONE DAY	DAY	YEAR
BAGHDAD	65.0	9th	1959
HAI	28.7	5th	1949
NAJAF	13.8	17th	1963
DIWANIYA	27.7	5th	1963
NASIRIYA	40.2	15th	1945
BASRAH	35.6	8th	1950

MAY 1965.

TABLE 15C.

(16)

الهطول اليومي (ملليمترات)

DAILY PRECIPITATION (MILLIMETERS), tr ≤ 0.05mm

مايس ١٩٦٥

الايام	تل عوينات	تللعفر	حويجة	بكرجو	حلبجة	افتخار	صلاح الدين	بيجي
DAYS	TELAW-AINAT	TELA-AFAR	HAWIJA	BAKRAJO	HALA-BJAH	IFTI-KHAR	SALAH-ADDIN	BAIJI
1				2.0				1.1
2		2.5		2.0	1.0		5.6	5.1
3							4.2	
4							3.9	
5								
6								
7								
8								
9								
10								
11					1.0			
12								
13								
14								
15								
16								
17								
18								
19								
20								
21							tr	
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
TOTAL		2.5		4.0	2.0		13.7	6.2

MAY 1965.

TABLE 15a.

مايس ١٩٦٥

الهطول اليومي (بالملليمترات)

DAILY PRECIPITATION (MILLIMETERS), tr < 0.05 mm

الايام DAYS	جلولاء JALA-WLAA	العنصر AlMA-NSOR	بعقوبة BAQOBA	بدرة BADRA	هيت HIT	كربلاء KARB-ALLA	غبيشية GHABI-SHIYA	معقل MAQIL
1				13.5				
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				13.5				

MAY 1965.
TABLE 15E.

مايس ١٩٦٥

الهطول اليومي (بالملليمترات)

DAILY PRECIPITATION (MILLIMETERS). tr < 0.05 mm

الايام	سماوة	طاق طاق	شقلاوة	راوندوز	افراز	دوكان	ك ٢	سامرا
DAYS	SAMAWA	TAQ.TAQ	SHAKLAWA	RAWANDUS	IFRAZ	DOKAN	K.2	SAMI-RAA
1		tr		11.0		1.0	tr	
2		7.0	4.6	24.5	15.6	8.0	2.4	
3			17.2	6.5	5.7			
4			7.3					
5								
6								
7								
8								
9								
10								
11		tr				2.0		
12			1.0					
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24			2.0					
25								
26								
27								
28								
29								
30								
31								
TOTAL		7.0	32.1	42.0	21.3	11.0	2.8	

(19)

[illegible] 1965 . TABLE 46.

[illegible] MINIMUM TEMPERATURES C° , [illegible] SOIL TEMPERATURE C° OF 0.3 & 1.2 M , AND EVAPORATION

[illegible]	[illegible]	[illegible]			[illegible]			[illegible]			[illegible]		[illegible]			BASRAH	BAGHDAD
	[illegible]	[illegible]	0.3M	1.2M	[illegible]	0.3M	1.2M	[illegible]	0.3M	1.2M	0.3M	1.2M	[illegible]	0.3M	1.2M	GRASS	EVAPORATION (MM)
1	[illegible]	11.[illegible]	22.8	18.0	15.3	23.3	23.3	14.3	25.5	22.1	24.7	24.2	18.9	27.5	23.8	18.6	5.0
2	17.0	[illegible]	[illegible]	[illegible]	15.6	27.5	[illegible]	[illegible]	24.1	22.4	24.3	24.6	17.0	27.2	24.0	17.6	5.0
3	17.0	10.5	[illegible]	[illegible]	15.2	28.2	[illegible]	17.0	24.5	22.4	23.6	24.0	16.0	27.9	24.0	12.6	6.0
4	16.5	5.5	[illegible]	15.9	11.7	27.5	24.0	7.8	24.0	22.8	24.2	25.8	12.0	26.9	24.3	6.7	10.0
5	[illegible]	6.7	[illegible]	[illegible]	13.8	27.8	24.4	7.2	24.4	22.7	24.5	25.7	13.7	26.7	24.3	11.1	4.0
6	17.4	5.4	[illegible]	16.3	18.9	28.4	24.5	15.5	25.1	22.8	24.3	25.6	17.1	27.9	24.3	10.6	6.0
7	17.6	8.8	21.1	19.1	15.6	28.4	24.5	14.0	25.4	22.9	25.7	26.0	18.4	26.5	23.9	12.3	11.0
8	17.8	10.6	21.8	[illegible]	13.4	28.5	24.5	17.5	26.4	23.0	27.6	26.1	19.6	29.5	24.5	12.2	7.0
9	19.6	10.5	22.5	[illegible]	16.7	29.0	24.5	18.3	27.0	23.9	28.8	25.5	21.2	30.3	24.6	17.7	13.0
10	19.0	11.3	23.6	13.3	[illegible]	29.5	25.0	16.1	27.6	23.2	28.6	27.4	25.5	31.1	24.7	24.1	8.0
11	19.5	11.2	23.3	12.5	14.3	29.7	25.0	18.5	27.5	[illegible]	27.9	25.9	27.2	31.8	24.8	22.6	5.0
12	20.0	11.4	21.9	20.0	15.0	29.2	25.1	15.1	27.1	23.4	24.9	26.4	17.1	30.7	25.0	15.4	12.0
13	20.4	12.4	22.6	20.1	15.6	28.9	25.2	13.2	27.2	23.5	28.7	27.5	17.2	29.6	27.0	13.9	8.0
14	20.6	15.3	23.3	20.2	[illegible]	[illegible]	25.6	12.0	27.2	23.2	27.9	27.5	19.8	29.5	25.4	13.5	6.0
15	21.2	20.8	24.3	20.4	[illegible]	30.5	[illegible]	17.3	28.2	23.7	29.5	27.5	23.2	31.1	25.4	15.0	12.0
16	21.6	13.5	24.3	20.5	[illegible]	[illegible]	25.6	19.3	20.4	23.8	25.4	25.0	23.9	31.5	25.5	19.5	12.0
17	21.8	15.5	24.5	20.8	19.2	29.5	26.0	19.0	27.4	24.0	27.8	28.0	20.4	31.7	25.6	20.5	6.0
18	22.2	13.1	24.5	21.0	18.1	29.5	[illegible]	15.0	27.5	24.0	25.6	28.5	23.0	32.2	25.7	17.4	11.0
19	22.8	12.5	24.9	21.1	16.1	29.5	26.1	13.3	26.8	24.3	23.7	28.4	20.4	31.5	26.0	13.8	9.0
20	23.2	14.5	25.0	21.1	21.7	29.9	26.1	15.8	26.0	24.2	[illegible]	27.7	22.3	31.8	26.1	15.0	10.0
21	23.6	14.3	25.2	21.3	22.2	30.5	26.1	17.5	29.5	24.5	31.6	29.5	24.5	32.8	26.1	15.7	13.0
22	24.0	15.0	25.1	21.5	21.7	31.1	26.1	21.5	30.3	24.5	29.7	28.8	26.5	33.4	26.3	22.3	16.0
23	23.9	11.5	25.9	21.7	21.1	31.1	26.4	17.2	[illegible]	24.0	32.1	29.0	27.1	33.4	26.4	20.7	8.0
24	24.3	20.4	26.2	21.9	22.1	31.7	26.7	16.0	31.0	24.7	32.4	29.1	27.1	33.6	26.5	[illegible]	9.0
25	24.6	17.9	26.6	22.2	21.1	32.2	26.7	15.3	31.0	25.0	32.3	29.7	21.7	34.0	26.7	17.9	12.0
26	24.8	20.8	25.6	22.2	22.6	32.8	26.8	16.2	31.5	25.0	33.3	30.0	20.6	34.6	26.9	[illegible]	11.0
27	25.0	16.2	27.1	21.9	22.9	33.2	[illegible]	15.2	31.6	25.3	33.2	29.2	20.5	34.6	27.1	[illegible]	12.0
28	25.4	15.0	27.5	22.8	21.1	33.2	[illegible]	16.0	31.6	26.0	33.1	29.5	22.6	34.9	27.2	13.2	13.0
29	25.5	16.6	27.5	23.0	20.5	[illegible]	27.4	[illegible]	31.5	25.5	33.9	30.9	17.8	34.4	27.3	15.7	12.0
30	26.0	[illegible]	27.9	23.3	25.1	[illegible]	27.8	15.8	32.0	25.6	33.2	30.5	20.3	35.0	27.5	17.6	9.6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	20.3	31.7	27.0	[illegible]	32.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	27.[illegible]	[illegible]	15.0

EVAPORATION [illegible] IN PAN CLASS A

TABLE - 17.

CLIMATOLOGICAL SUMMARY الملخصات المناخية

NUMBER OF DAYS FOR THE CASES OF PHENOMENA : عدد الايام التي حدثت فيها الظواهر الجوية

STATIONS	RAIN	SNOW	HAIL	THUNDER STORM	FOG	MIST	HAZE	RISING DUST	SUSPENDED DUST	DUST STORM	GROUND FROST	STATE OF SKY	
												CLEAR	CLOUDY
MOSUL	0	0	0	0	0	0	5	7	10	0	0	7	1
ERBIL	2	0	0	3	0	0	7	9	3	0	0	6	2
KIRKUK	1	0	0	2	0	0	4	4	3	0	0	12	0
KHANAQIN	1	0	0	0	0	0	0	1	0	0	0	8	3
KUTHAR	0	0	0	1	0	0	0	3	0	0	0	16	0
HABBANIYA	0	0	0	0	0	0	0	4	0	0	0	13	0
BAGHDAD	0	0	0	0	0	0	11	8	4	2	0	14	3
HILLA	1	0	0	1	0	0	0	8	3	0	0	18	0
DIWANIYA	1	0	0	3	0	0	0	4	5	0	0	20	0
NAJAF	1	0	0	1	0	0	0	6	1	2	0	18	0
NASIRIYA	0	0	0	0	0	0	0	7	25	4	0	18	0
BASRAH	1	0	0	2	0	2	1	5	12	1	0	18	0

TABLE - 18.

DURATION OF SUNSHINE : مدة سطوع الشمس بالساعات

STATION	MONTHLY TOTAL SUNSHINE HOURS	MAX. SUNSHINE DURING ONE DAY		No. OF DAYS WITHOUT SUNSHINE
		HOURS	DAY	
MOSUL	333.1	13.0	28th	0
HABBANIYA	.....	.....	.....	(NOT AVAILABLE)
BAGHDAD	324.2	13.1	12th	0
BASRAH	324.0	12.6	25th	0

الجمهورية العراقية

وزارة المواصلات

مديرية الطيران المدني العامة

مديرية الانواء الجوية العامة

قسم 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 لشهر حزيران ١٩٦٥

مجلد ٢٨ ، عدد (٦) حزيران ١٩٦٥

MONTHLY CLIMATOLOGICAL DATA FOR JUNE 1965

VOLUME 28, No. (6) J U N E 1965

اعداد و تنظيم و طبع و توزيع من قبل قسم المناخ

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CLIMATOLOGICAL SECTION

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TABLE 1-a.

حزيران ١٩٦٥

المعدل اليومي لدرجات الحرارة (سنتغراد)

DAILY MEAN TEMPERATURES (C°) OF 8 OBSERVATIONS

الايام	سنجار	موصل	كركوك	رطبة	حبانية	بغداد
DAYS	SINJAR	MOSUL	KIRKUK	RUTBAH	HABBANIYA	BAGHDAD
1	31.2	29.7	32.7	28.7	33.4	35.0
2	33.6	31.2	33.7	30.3	34.5	35.1
3	35.1	33.5	34.9	31.9	35.2	35.7
4	36.2	33.9	36.5	33.0	36.5	37.7
5	33.8	33.1	36.8	30.9	37.9	38.3
6	35.4	33.1	35.0	31.0	35.2	35.9
7	37.6	33.7	36.4	32.6	35.7	35.6
8	34.3	33.1	35.7	32.4	35.8	35.8
9	30.3	31.3	32.8	29.9	34.3	33.2
10	31.0	31.0	31.8	29.7	32.5	32.6
11	32.8	34.4	33.1	30.6	34.7	33.5
12	33.8	31.6	33.7	31.9	36.1	34.9
13	34.1	33.8	34.2	30.7	34.6	34.3
14	34.1	32.4	34.9	31.8	36.6	36.5
15	27.6	29.9	29.7	25.8	31.1	32.0
16	28.9	29.1	29.4	25.3	30.3	30.5
17	26.4	28.7	30.1	23.6	29.1	29.3
18	23.4	26.8	26.9	23.1	27.7	28.0
19	27.6	27.5	28.8	26.6	29.8	30.4
20	30.1	29.1	31.2	29.5	31.9	33.0
21	33.6	31.6	33.8	31.5	33.7	33.9
22	35.0	33.5	34.6	29.2	34.4	34.4
23	32.8	32.8	32.5	28.3	33.5	33.7
24	30.6	30.8	31.3	27.7	32.2	33.1
25	29.4	29.3	31.0	26.7	31.6	33.2
26	30.9	31.0	32.0	29.0	31.9	31.1
27	33.0	31.3	33.3	30.3	33.2	32.9
28	31.7	31.5	33.5	30.3	33.8	33.4
29	31.8	30.4	32.5	28.9	33.8	34.7
30	33.7	32.1	33.2	30.2	33.0	33.6
MEANS	31.9	31.3	32.9	29.4	33.5	33.7
DEPARTURE FROM NORMAL	....	+1.1	+0.6	+2.5	+0.9	+0.8

NOTE : AT SINJAR , OBSERVATIONS 0000&2100 ARE MISSED .

T I M E : G . M . T .

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

JUNE 1965.

حزيران ١٩٦٥

TABLE 1-6.

المعدل اليومي لدرجات الحرارة (منفرد)

DAILY MEAN TEMPERATURES (C°) OF 8 OBSERVATIONS

الايام	نخيب	هي	نجف	ديوانية	ناصرية	بصرة
DAYS	NUKHAIB	HAI	NAJAF	DIWANIYA	NASIRIYA	BASRAH
1	35.7	34.9	34.7	34.1	35.1	34.0
2	37.7	36.3	35.8	33.8	35.7	34.3
3	39.1	37.2	36.1	35.7	36.6	33.7
4	34.1	38.3	38.4	36.7	36.8	34.4
5	37.5	38.1	37.9	36.7	37.1	34.7
6	37.7	36.2	35.9	35.8	34.5	34.0
7	39.0	37.1	37.8	35.8	34.8	33.9
8	39.5	38.6	38.6	37.1	35.7	36.1
9	36.5	35.7	35.5	34.1	36.2	34.6
10	36.5	34.9	34.7	32.1	34.[illegible]	34.5
11	37.1	35.4	36.1	34.3	33.6	33.1
12	38.7	36.2	37.8	35.4	35.5	33.9
13	37.7	36.6	36.7	35.5	35.3	34.3
14	39.3	37.6	37.1	35.3	35.4	34.5
15	33.8	33.4	32.2	32.1	31.4	32.8
16	32.5	33.1	32.2	31.0	30.7	30.9
17	30.0	33.6	30.3	30.0	31.3	31.4
18	30.1	31.9	29.6	30.1	30.4	30.9
19	33.1	32.6	31.4	31.6	31.9	31.2
20	35.3	34.6	33.2	33.0	30.9	31.8
21	38.0	36.6	35.5	34.0	31.8	32.3
22	38.0	36.7	36.2	35.1	34.6	33.6
23	35.4	35.9	35.5	33.4	33.7	33.2
24	34.9	35.0	34.3	34.0	33.9	33.3
25	34.8	35.4	34.1	33.1	34.7	33.4
26	34.9	35.6	33.1	31.5	32.6	33.7
27	36.9	34.3	35.1	32.7	32.9	32.5
28	38.4	35.3	34.8	34.8	35.0	33.5
29	36.5	35.9	35.7	35.3	35.2	34.7
30	35.7	35.6	34.8	33.7	33.9	33.7
MEANS	36.[illegible]	35.[illegible]	35.[illegible]	33.9	34.0	33.[illegible]
DEPARTURE FROM NORMAL	....	+1.3	....	+2.1	+1.3	+0.9

NOTE : AT NUKHAIB , OBSERVATIONS 0000 ,0300 , 1800 & 2100 ARE MISSED.
AT HAI , OBSERVATION 2100 IS MISSED .

TABLE 2-a. المعدل اليومي للضغط الجوي على سطح البحر (ملليبارات)

DAILY MEAN PRESSURE (MILLIBARS) AT M.S.L. OF 8 OBSERVATIONS

الايام	سنجار	موصل	كركوك	رطبة	حبانية	بغداد
DAYS	SINJAR	MOSUL	KIRKUK	RUTBAH	HABBANIYA	BAGHDAD
1	1009.4	1009.3	1008.2	1008.6	1007.0	1006.8
2	09.1	09.3	08.0	08.1	07.5	07.3
3	08.4	08.1	06.7	07.3	06.4	06.0
4	05.8	07.0	06.0	05.4	05.4	05.2
5	05.1	05.1	03.1	06.4	03.0	02.6
6	05.1	04.9	03.8	07.2	03.5	02.5
7	04.1	04.5	03.7	06.5	03.4	02.8
8	03.7	04.3	04.1	06.5	04.3	03.7
9	03.1	03.3	03.5	06.2	04.2	04.2
10	04.3	05.0	05.2	06.9	05.7	05.8
11	07.0	07.1	07.3	07.8	07.2	07.4
12	06.4	06.8	06.5	07.1	06.3	06.2
13	06.3	06.4	06.1	06.2	06.7	06.4
14	03.2	04.1	04.3	05.3	04.1	04.4
15	05.5	04.9	05.4	08.8	06.5	06.0
16	04.5	04.7	05.3	07.7	05.3	05.2
17	03.5	03.3	02.9	05.9	03.6	03.3
18	06.8	06.5	06.2	07.6	06.5	06.1
19	09.5	09.4	09.0	08.6	08.2	08.3
20	08.7	08.3	07.5	07.4	07.1	06.8
21	04.8	04.9	04.0	04.5	03.8	03.5
22	00.2	00.1	00.5	03.7	04.0	00.4
23	999.7	999.2	999.4	04.6	00.8	00.0
24	998.8	998.9	999.7	02.9	00.6	00.0
25	01.8	02.0	02.3	04.8	02.7	02.4
26	03.8	03.7	02.9	04.9	03.1	03.3
27	02.1	01.9	01.5	03.4	01.8	01.6
28	01.4	01.0	00.8	02.3	00.6	00.0
29	01.6	01.4	01.8	03.4	01.6	02.4
30	02.2	02.7	02.1	04.9	02.9	02.1
MEANS	1004.5	1004.6	1004.3	1006.0	1004.4	1004.1
DEPARTURE FROM NORMAL	....	+0.8	+1.9	-0.4	+1.0	+1.1

STATIONS	HIGHEST	DAY	TIME	YEAR	LOWEST	DAY	TIME	YEAR	
SINJAR	1010.8	20th	0300	1965	997.9	22&23	1500	1965	1965
MOSUL	1010.8	2nd	0600	1965	997.4	22nd	1500	1965	
KIRKUK	1009.8	19th	2100	1965	997.4	23rd	1500	1965	
RUTBAH	1010.8	13th	0600	1965	1001.3	28th	1500	1965	
HABBANIYA	1009.3	19th	0600	1965	999.1	28th	1500	1965	
BAGHDAD	1009.6	19th	0900	1965	999.1	24th	1800	1965	
SINJAR	1012.4	12th	0900	1963	995.5	26th	1500	1964	RECORD
MOSUL	1017.1	1st	0300	1952	992.8	29th	1800	1960	
KIRKUK	1014.4	1st	0300	1952	991.2	1st	1500	1951	
RUTBAH	1018.3	1st	0300	1952	997.3	30th	1200	1944	
BAGHDAD	1013.1	4th	0600	1937	992.5	29th	1500	1960	

TABLE 2-b. المعدل اليومي للضغط الجوي على سطح البحر (ملليبارات)

DAILY MEAN PRESSURE (MILLIBARS) AT M.S.L. OF 8 OBSERVATIONS

DAYS	NUKHAIB	HAI	NAJAF	DIWANIYA	NASIRIYA	BASRAH
1	1006.9	1005.9	1005.0	1006.1	1008.7	1006.1
2	07.4	05.6	06.7	06.6	05.7	05.6
3	06.7	04.6	05.7	06.0	05.1	04.9
4	05.7	04.2	05.0	05.3	04.4	04.3
5	04.9	02.3	02.8	03.2	02.7	02.7
6	05.8	00.2	02.3	02.1	00.4	00.0
7	05.0	00.9	02.3	02.1	01.0	00.9
8	05.6	02.7	03.5	03.7	02.9	03.1
9	05.6	03.3	04.0	04.4	03.6	03.4
10	06.5	05.3	05.9	06.4	05.5	05.5
11	07.8	06.8	07.2	07.5	06.7	06.4
12	06.3	05.9	05.9	06.6	06.0	05.7
13	07.7	04.6	05.0	06.1	04.9	04.3
14	03.3	03.2	04.4	04.7	03.6	02.5
15	08.7	04.3	05.9	06.0	04.6	04.0
16	05.1	04.1	05.2	05.2	04.3	04.5
17	05.4	02.5	03.3	03.6	03.1	03.2
18	07.1	04.6	05.5	06.0	04.8	04.4
19	08.4	05.1	07.5	07.5	06.2	05.4
20	07.7	03.7	06.2	06.2	04.5	03.4
21	04.1	04.1	03.1	03.3	02.0	01.9
22	01.7	999.2	00.7	00.7	999.6	998.9
23	02.4	999.6	00.5	00.9	999.8	999.2
24	01.6	999.5	999.8	00.4	999.7	999.7
25	03.8	00.8	02.0	02.0	01.0	00.9
26	04.3	02.6	03.3	03.6	02.7	02.5
27	02.9	01.3	01.6	02.2	01.6	01.8
28	00.7	999.7	00.2	00.5	999.8	999.6
29	02.8	999.0	00.4	00.2	999.2	998.9
30	04.3	999.9	01.9	02.1	00.8	00.0
MEANS	1005.2	1002.8	1003.8	1004.1	1003.2	1002.8
Departure FROM NORMAL	.....	+0.9	.....	+1.8	+0.3	+1.6

STATIONS	HIGHEST	DAY	TIME	YEAR	LOWEST	DAY	TIME	YEAR	
NUKHAIB	1011.0	15th	0600	1965	1000.2	28th	1500	1965	1965
HAI	1007.8	11th	0900	1965	997.8	22nd	1500	1965	
NAJAF	1009.1	19th	0900	1965	998.5	24th	0000	1965	
DIWANIYA	1008.9	11th	0600	1965	999.2	29th	0000	1965	
NASIRIYA	1008.1	11th	0900	1965	998.4	29th	1500	1965	
BASRAH	1007.8	11th	0600	1965	997.8	23rd	0000	1965	
NUKHAIB	1013.0	12th	0600	1963	993.8	30th	1500	1963	RECORD
HAI	1012.6	1st	0300	1952	992.3	29th	1500	1960	
NAJAF	1009.4	12th	0300	1963	992.9	30th	1500	1963	
DIWANIYA	1012.7	1st	0600	1952	992.9	29th	1500	1960	
NASIRIYA	1012.4	8th	1800	1942	993.2	29th	1500	1960	
BASRAH	1011.7	9th	0600	1942	992.4	29th	1500	1960	

TABLE 3- ٥

الحصائل اليومي للرطوبة النسبية (٪)

DAILY MEAN RELATIVE HUMIDITY (%) OF 8 OBSERVATIONS

الأيام	سنجار	موصل	كركوك	رطبة	حبانية	بغداد	نخيب	حي	نجف	ديوانية	ناصرية	بصرة
DAYS	SIN-JAR	MO-SUL	KIR-KUK	RUT-BAH	HABB-ANIYA	BAG-HDAD	NUKH-AIB	HAI	NA-JAF	DIWA-NIYA	NASI-RIYA	BAS-RAH
1	17	32	20	25	29	21	10	33	25	22	27	53
2	13	26	19	18	24	19	11	28	19	28	31	57
3	12	25	17	13	27	20	14	27	20	26	33	57
4	13	23	18	12	27	23	10	28	17	28	35	50
5	14	25	16	18	21	16	15	29	15	24	28	50
6	10	24	19	18	22	17	12	29	16	22	37	45
7	11	29	17	14	27	20	15	29	21	24	33	51
8	11	24	18	13	25	21	10	27	17	23	34	46
9	22	30	17	15	27	23	10	33	22	30	31	58
10	21	30	20	19	30	24	13	30	21	32	33	56
11	14	29	16	16	26	25	13	31	19	33	34	59
12	12	32	16	14	25	24	12	30	20	31	34	55
13	11	21	16	18	27	22	12	28	17	26	36	59
14	13	25	17	15	21	18	9	27	16	27	38	53
15	20	24	20	25	30	32	17	32	21	25	35	62
16	22	30	22	27	39	29	15	30	22	35	48	58
17	25	27	22	34	35	30	19	30	26	39	37	58
18	34	33	25	31	36	28	26	30	26	35	36	61
19	27	34	24	23	33	24	23	28	25	27	26	58
20	20	28	18	19	34	19	17	28	22	25	39	57
21	15	26	18	18	33	25	14	25	20	29	38	56
22	14	27	15	24	27	25	17	27	21	28	34	49
23	13	22	17	24	27	21	14	25	19	29	36	46
24	16	24	18	25	32	23	16	29	22	31	40	41
25	21	30	19	26	32	24	17	29	20	30	29	47
26	17	31	21	23	30	30	22	30	22	33	34	44
27	17	26	20	17	27	28	21	29	24	30	32	50
28	19	28	19	19	33	28	19	29	30	29	29	50
29	15	24	14	20	25	19	13	28	18	24	28	40
30	16	23	15	20	28	21	15	26	23	24	34	41
MEANS	17	27	18	20	29	23	15	29	21	28	34	52
NORMAL	..	30	20	25	47	24	..	24	..	28	33	49

STATIONS	HIGHEST	TIME	DAY	LOWEST	TIME	DAY
SINJAR	55	0300	15th	7	1200	8th
MOSUL	70	0300	12th	9	1500	8th
KIRKUK	35	0300	19th	6	1200	29th
KHANAQIN	46	0300	19th	8	0600	5th
RUTBAH	60	0300	18th	5	0900	14th
HABBANIYA	63	0300	21st	8	1200	14th
BAGHDAD	49	0000	16th	8	1200	6th
NUKHAIB	33	0600	5th	6	1200	14th
HAI	51	0300	9th	16	1500	21st
NAJAF	43	0300	1st	8	1200	14th
DIWANIYA	63	0300	17th	11	1200	27th
NASIRIYA	68	0300	24th	9	1200	3rd
BASRAH	89	0300	2nd	22	0900	24th

JUNE 1965.

TABLE 4-a.

درجات الحرارة العظمى والصغرى اليومية (مئوية) حزيران ١٩٦٥

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

الأيام	سنجار		موصل		كركوك		خانقين		رطبة	
	SINJAR		MOSUL		KIRKUK		KHANAQIN		RUTBAH	
	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DAYS	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	35.2	24.0	39.1	19.1	39.4	24.5	41.1	22.8	35.8	20.5
2	37.6	27.3	40.3	19.4	40.3	24.8	41.7	22.2	39.0	19.8
3	40.0	28.3	42.1	21.7	42.0	25.9	43.3	23.3	39.0	22.8
4	39.6	30.2	42.5	24.2	43.6	28.1	44.4	23.9	41.4	23.8
5	37.0	29.3	40.7	27.2	42.9	31.1	44.4	25.0	38.0	23.5
6	38.6	29.4	41.9	22.3	41.1	26.3	41.7	27.8	38.2	22.4
7	41.7	30.2	43.5	22.1	42.9	28.4	43.3	28.3	40.2	23.5
8	37.5	30.8	42.9	22.2	43.0	28.4	44.4	25.6	40.2	19.8
9	37.1	18.7	39.4	20.8	39.2	26.2	41.7	25.0	37.5	21.0
10	36.1	20.3	38.8	21.1	38.3	24.1	40.0	23.9	37.5	21.2
11	36.6	27.3	40.8	18.8	40.3	24.1	40.6	26.1	39.0	20.0
12	37.5	26.8	41.1	19.4	40.7	25.4	41.1	26.1	40.0	23.0
13	37.2	28.6	41.5	20.8	41.5	23.6	42.2	23.9	39.0	20.8
14	38.1	25.7	41.9	22.1	42.8	25.6	43.6	23.9	41.5	21.5
15	32.0	20.3	35.7	21.1	35.5	25.3	37.8	27.2	32.5	18.0
16	32.6	20.6	36.9	19.4	35.6	20.0	37.2	19.4	32.5	18.0
17	29.5	21.6	35.2	21.6	35.9	24.7	38.3	20.0	29.6	16.2
18	27.0	16.3	32.3	20.3	33.2	20.6	35.6	19.4	30.0	15.8
19	30.8	20.4	35.2	17.6	34.6	20.7	36.1	17.2	34.6	15.8
20	33.6	23.8	37.6	18.2	37.9	23.4	39.4	21.1	37.5	19.2
21	37.1	26.3	40.6	19.7	41.0	22.8	42.2	21.1	40.0	23.0
22	38.5	28.3	42.5	21.8	42.1	25.5	43.3	21.7	36.5	21.2
23	37.1	26.8	40.8	22.8	40.1	24.4	40.0	22.2	35.5	20.5
24	34.0	26.2	39.2	21.2	38.7	24.1	40.0	23.9	34.5	20.0
25	32.8	22.6	37.6	20.1	37.4	23.6	39.4	21.7	33.0	19.0
26	34.8	24.1	39.1	20.3	39.1	22.9	38.3	21.1	35.6	19.0
27	37.1	26.4	40.3	20.8	40.0	25.3	40.6	22.2	38.6	20.0
28	34.7	25.8	40.4	19.3	40.6	24.6	41.7	23.3	37.5	20.7
29	35.0	25.8	38.9	18.6	39.5	25.1	41.1	23.3	36.3	20.3
30	36.5	27.2	40.6	23.2	40.4	23.9	40.6	20.6	36.4	19.4
MEANS	35.8	25.3	39.6	20.9	39.7	24.8	40.8	23.1	36.9	20.3
DEPARTURE FROM NORMAL	....	....	+0.1	+2.3	+0.5	+1.2	+0.1	+0.7	+0.9	+1.5

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
SINJAR	41.7	7th	1965	16.3	18th	1965
MOSUL	47.6	23rd	1961	11.1	1st	1952
KIRKUK	47.8	23rd	1961	13.9	2nd	1943
KHANAQIN	47.2	23rd	1961	10.0	6th	1959
RUTBAH	44.5	17th	1949	7.8	22nd	1956

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حزيران ١٩٦٥

TABLE ٤٠

درجات الحرارة العظمى والصغرى اليومية (سنتغراد)

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

	حبانية		بغداد		النخيب		هيت	
	HABBANIYA		BAGHDAD		NUKHAIB		HIT	
الايام	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DAYS	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	42.1	23.0	42.5	24.0	40.1	24.8	43.0	23.8
2	42.5	25.6	42.4	26.9	41.1	23.2	43.2	25.6
3	44.0	23.3	44.5	23.2	42.8	24.4	45.0	25.0
4	45.3	26.2	45.5	29.7	44.3	25.5	45.7	24.0
5	46.0	30.9	45.6	30.0	41.6	31.0	45.8	25.2
6	43.2	26.7	43.0	26.4	42.0	26.4	43.8	24.0
7	44.1	26.4	44.5	25.5	43.5	25.6	44.6	25.4
8	44.1	26.4	45.4	26.3	43.5	24.4	45.3	27.4
9	41.0	27.2	41.0	25.0	41.0	29.1	43.0	24.6
10	41.2	24.6	40.2	22.3	41.2	21.4	42.0	22.0
11	42.3	23.6	41.7	21.4	41.1	21.6	42.2	24.6
12	43.2	30.7	42.7	28.4	42.8	27.4	42.6	27.4
13	43.0	24.9	43.4	22.2	43.1	25.0	42.8	26.2
14	43.6	25.6	43.9	27.5	44.2	25.2	44.2	27.0
15	36.4	25.2	36.7	27.5	41.0	21.4	38.8	25.0
16	37.0	22.0	37.7	23.1	36.1	20.4	38.2	23.0
17	36.0	22.7	37.0	21.9	33.3	22.0	38.8	24.0
18	33.6	21.2	34.6	20.5	33.6	20.0	37.2	21.3
19	37.2	20.0	36.5	23.5	36.4	21.5	38.2	21.5
20	39.2	23.0	39.9	23.1	39.2	20.6	41.0	22.0
21	42.2	23.9	42.8	21.5	42.4	23.4	43.0	25.3
22	44.1	25.0	44.0	22.5	42.4	26.4	44.0	25.0
23	41.2	25.6	41.3	25.7	41.0	23.5	41.2	25.4
24	39.5	23.9	39.8	21.7	40.3	22.3	40.8	21.6
25	38.8	24.2	39.2	22.8	39.2	24.3	41.3	24.3
26	40.0	22.8	39.0	20.8	39.2	21.2	39.2	24.0
27	41.9	25.2	41.5	22.5	40.3	21.5	40.8	21.6
28	42.0	23.9	42.1	22.5	42.6	23.6	42.0	23.6
29	41.0	26.0	41.7	26.4	41.0	24.0	43.0	25.0
30	40.5	23.6	41.2	24.4	40.0	23.4	41.8	25.8
MEANS	41.2	24.8	41.4	24.3	40.7	23.7	42.1	24.4
departure from normal	0.0	+1.5	+0.5	+1.0	....	....	+1.0	-0.6

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
HABBANIYA	48.9	24th.	1942	15.6	3rd	19[illegible]
BAGHDAD	48.3	16th.	1949	14.4	4th	19[illegible]
NUKHAIB	44.4	27th	1963	18.5	3rd	19[illegible]
HIT	49.5	26th	1942	16.5	1st	19[illegible]

TABLE 4-C. درجات الحرارة العظمى و الصغرى اليومية (سنتغراد)

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

	نجف		ديوانية		ناصرية		بصرة	
	NAJAF		DIWANIYA		NASIRIYA		BASRAH	
الايام	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DAYS	MAX.	MIN.	MAX.	MIN.	MAX,	MIN.	MAX.	MIN.
1	42.8	25.5	44.3	27.6	43.4	26.2	40.7	25.3
2	44.2	26.4	44.0	25.3	43.8	26.8	41.0	26.8
3	45.5	27.3	45.0	25.0	45.0	24.5	41.0	27.0
4	46.2	28.0	46.0	28.4	44.0	29.0	42.4	25.9
5	46.2	28.5	46.3	28.4	45.2	21.9	42.0	29.2
6	43.5	30.5	43.2	29.5	42.8	30.6	39.1	30.2
7	45.4	28.6	45.0	26.6	43.2	26.1	41.6	26.8
8	47.1	29.0	46.2	27.0	46.3	24.7	42.1	28.8
9	42.7	29.5	42.2	29.4	44.3	28.2	42.1	27.0
10	41.8	26.0	41.0	22.5	43.0	25.0	41.4	29.0
11	43.3	26.5	42.6	23.5	41.6	24.7	39.0	25.7
12	44.6	30.0	44.0	28.1	43.0	29.8	39.9	28.7
13	43.9	28.9	44.0	25.5	42.8	27.6	40.0	28.3
14	45.0	28.0	44.6	25.4	44.1	29.3	41.1	29.4
15	38.2	29.0	38.2	27.5	35.8	27.0	37.4	27.2
16	38.4	23.0	39.0	21.5	38.0	21.2	36.0	26.2
17	37.0	23.0	37.5	20.9	40.0	21.4	39.2	24.8
18	36.4	22.0	37.2	20.5	37.4	23.7	36.0	25.8
19	38.5	21.2	38.8	24.0	39.2	23.8	37.0	25.3
20	41.5	23.0	40.8	23.2	37.0	26.4	37.2	26.2
21	44.4	26.8	43.6	23.8	37.7	26.0	38.4	25.3
22	44.2	26.5	44.2	25.0	43.2	27.2	40.8	27.4
23	42.0	28.0	42.0	26.0	41.6	26.9	39.8	26.7
24	41.8	26.8	41.6	24.6	42.4	26.1	40.1	26.0
25	41.3	25.4	41.6	23.1	42.6	25.2	39.9	27.0
26	40.5	25.2	39.0	22.6	40.2	26.4	40.3	27.7
27	42.3	26.2	41.5	22.8	40.8	23.0	39.3	25.3
28	43.6	25.8	43.7	23.0	42.7	25.6	40.5	25.7
29	43.5	28.4	43.6	26.0	43.7	26.8	41.2	28.1
30	41.6	27.8	41.2	23.8	40.0	27.0	39.4	28.0
MEANS	42.6	26.7	42.4	25.0	41.8	26.0	39.9	27.0
DEPARTURE FROM NORMAL	....	....	+1.6	+2.5	+3.2	+1.1	+1.5	-0.1

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
NAJAF	47.1	8th	1965	21.2	19th	1965
DIWANIYA	47.0	2nd	1962	14.4	1st	1942
NASIRIYA	48.3	27th	1955	18.3	26th	1943
BASRAH	48.2	26th	1957	20.5	1st	1952

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TABLE 5. MONTHLY MEAN DRY-BULB TEMPERATURES (C°)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	.....	25.9	30.7	33.6	35.5	34.7	30.2	.....	31.5
MOSUL	25.5	22.2	31.0	37.3	39.0	37.6	32.0	27.5	31.7
KIRKUK	26.7	26.5	34.2	37.6	41.0	37.7	31.5	29.1	33.4
KHANAQIN	.....	25.3	33.6	39.0	40.2	36.8	33.6	.....	34.8
RUTBAH	25.3	21.2	31.0	34.1	36.3	35.2	30.0	25.8	30.8
HABBANIYA	27.0	25.7	33.0	39.3	40.9	39.3	32.6	29.3	33.5
BAGHDAD	27.6	26.7	33.3	39.5	41.0	39.6	32.5	29.8	33.9
NUKHAIB	.....	.....	32.0	37.3	39.7	38.9	33.6	.....	34.3
HAI	.....	25.2	34.8	40.7	41.7	36.8	32.3	.....	35.2
NAJAF	28.7	27.6	35.0	40.0	41.9	40.8	35.3	31.4	35.1
DIWANIYA	26.7	25.8	33.2	37.5	42.2	39.7	32.0	28.8	33.9
NASIRIYA	28.8	27.4	33.0	39.2	40.8	38.4	33.7	30.9	34.0
BASRAH	28.6	27.7	34.3	37.7	39.2	36.6	32.7	30.5	33.4

TABLE 6. MONTHLY MEAN VAPOR-PRESSURE (MILLIBARS)

SINJAR	.....	7.9	8.9	7.6	7.3	6.5	6.9	.....	7.5
MOSUL	11.5	11.7	12.4	11.6	9.6	9.7	10.8	11.3	11.0
KIRKUK	8.8	9.3	9.6	7.8	7.2	7.9	8.8	8.9	8.5
KHANAQIN	.....	9.8	10.4	9.9	9.7	9.2	10.3	.....	9.9
RUTBAH	7.7	8.5	8.5	7.1	6.2	6.1	7.1	7.7	7.4
HABBANIYA	14.8	14.4	14.4	11.8	11.3	12.5	14.5	14.2	13.4
BAGHDAD	11.1	11.1	12.0	10.8	9.7	10.1	12.8	11.4	11.1
NUKHAIB	.....	.....	9.2	8.5	8.2	8.6	9.1	.....	8.7
HAI	.....	13.4	16.1	16.6	16.4	16.1	15.8	.....	15.7
NAJAF	11.3	10.1	10.7	11.0	10.4	10.8	12.5	11.9	11.1
DIWANIYA	13.2	14.4	16.3	14.3	12.5	13.5	13.6	13.8	13.9
NASIRIYA	16.0	16.5	17.0	15.0	14.5	18.9	19.9	19.2	17.0
BASRAH	24.9	25.0	25.4	26.3	26.0	27.0	27.8	25.9	26.0

TABLE 7. MONTHLY MEAN WET-BULB TEMPERATURES (C°)

SINJAR	.....	15.1	17.1	17.7	18.0	17.5	16.0	.....	16.9
MOSUL	15.5	15.2	18.0	20.9	20.8	20.0	18.6	17.2	18.8
KIRKUK	15.5	15.7	18.8	19.5	19.5	19.0	17.6	16.5	17.9
KHANAQIN	.....	15.1	19.7	20.7	21.0	20.2	18.9	.....	19.1
RUTBAH	13.5	13.1	16.4	17.9	18.1	17.6	16.0	14.6	15.9
HABBANIYA	18.3	17.7	20.6	21.6	21.8	22.0	20.6	19.9	20.3
BAGHDAD	17.1	16.6	20.1	21.2	20.7	21.0	18.5	18.1	19.0
NUKHAIB	.....	.....	17.9	19.5	20.2	20.5	18.4	.....	19.3
HAI	.....	13.1	22.1	23.4	23.2	22.4	20.5	.....	20.8
NAJAF	17.5	16.5	19.7	21.5	22.9	21.7	20.5	18.9	19.9
DIWANIYA	17.5	18.1	21.7	23.2	23.4	22.4	20.0	18.6	20.6
NASIRIYA	19.8	19.5	21.7	22.9	23.3	21.3	21.1	21.3	21.4
BASRAH	23.4	23.2	25.7	26.6	26.9	25.6	25.8	24.4	25.3

TABLE 8. MONTHLY MEAN DEW-POINT (C°)

SINJAR	.....	3.3	4.3	2.3	1.6	1.1	1.6	.....	2.3
MOSUL	8.8	9.1	9.9	9.0	6.7	6.2	7.8	8.5	8.3
KIRKUK	4.9	5.7	5.1	3.7	2.6	2.2	4.7	5.1	4.3
KHANAQIN	.....	5.5	7.3	6.7	6.3	5.5	6.8	.....	6.4
RUTBAH	3.1	4.3	4.3	1.8	0.6	0.1	2.0	3.0	2.5
HABBANIYA	12.2	12.0	12.3	9.0	8.0	10.0	12.4	12.3	11.0
BAGHDAD	8.4	8.4	10.8	7.8	6.5	6.9	9.6	11.4	8.8
NUKHAIB	.....	.....	5.3	4.3	3.2	4.3	5.2	.....	4.5
HAI	.....	11.4	15.9	14.5	14.1	14.0	13.6	.....	13.9
NAJAF	8.5	7.2	8.4	7.8	8.1	7.8	9.9	9.2	8.4
DIWANIYA	10.8	11.9	13.3	12.2	10.1	11.4	14.7	11.5	11.9
NASIRIYA	13.7	14.1	14.9	12.6	13.2	16.2	17.1	16.5	14.9
BASRAH	20.6	20.9	21.7	21.5	21.4	22.1	22.6	21.5	21.6

TABLE - 9. المعدل الشهري للرطوبة النسبية (٪)

MONTHLY MEAN RELATIVE HUMIDITY (%)

	T I M E - G . M . T .								
STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	..	23	20	15	13	13	16	..	17
MOSUL	41	45	28	18	14	15	23	31	27
KIRKUK	26	27	12	13	11	12	19	23	19
KHANAQIN	..	29	18	14	13	13	20	..	18
RUTBAH	28	34	22	14	11	11	17	24	20
HABBANIYA	41	44	29	17	15	18	30	36	29
BAGHDAD	31	33	26	15	13	14	25	28	23
NUKHAIB	..	..	20	14	12	13	15	..	15
HAI	..	42	33	22	20	23	32	..	29
NAJAF	28	29	19	15	13	14	22	26	21
DIWANIYA	39	43	27	19	15	19	30	36	28
NASIRIYA	40	45	34	22	20	29	38	43	34
BASRAH	64	67	49	41	37	44	57	59	52

TABLE -10. المعدل الشهري للضغط الجوي على سطح البحر (ملليبارات)

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

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	....	05.9	05.4	05.3	03.7	03.3	02.5	....	04.7
MOSUL	05.5	06.1	06.1	05.0	03.3	02.5	03.9	04.7	04.6
KIRKUK	05.0	05.3	05.0	04.3	03.0	02.5	04.2	04.8	04.3
KHANAQIN	....	05.4	04.0	02.8	01.7	02.1	03.3	....	03.9
RUTBAH	05.9	06.7	07.2	06.6	05.7	05.4	05.4	05.8	06.1
HABBANIYA	04.1	05.0	05.7	05.2	03.8	03.1	03.6	04.4	04.4
BAGHDAD	03.8	04.5	05.3	05.2	03.7	02.9	03.4	03.8	04.1
NUKHAIB	....	....	07.1	06.1	04.6	03.8	04.8	....	05.3
HAI	....	02.6	03.4	03.5	02.4	01.7	02.6	....	02.7
NAJAF	05.3	04.1	05.1	04.9	03.4	02.7	03.4	03.7	03.8
DIWANIYA	03.9	04.3	05.1	05.3	03.6	03.0	03.6	04.6	04.1
NASIRIYA	02.6	03.2	04.2	03.9	02.7	02.2	02.8	02.9	03.1
BASRAH	02.3	02.7	03.7	03.6	02.6	02.0	02.6	02.6	02.8

TABLE -11. MONTHLY MEAN LOW-CLOUD AMOUNTS (OKTAS) معدل كمية السحب الواطئة (الثمن)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	....	0.0	0.0	0.8	1.3	0.8	0.2	....	0.5
MOSUL	0.5	0.5	0.3	1.0	1.5	1.3	0.5	0.5	0.8
KIRKUK	0.4	0.2	0.1	0.4	0.6	0.5	0.7	0.3	0.4
KHANAQIN	....	0.6	0.2	0.0	0.8	0.4	0.5	....	0.4
RUTBAH	0.1	0.1	0.2	0.1	1.1	1.2	0.8	0.3	0.5
HABBANIYA	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0
BAGHDAD	0.0	0.0	0.3	0.3	0.1	0.0	0.0	0.0	0.1
NUKHAIB	....	....	0.2	0.1	0.6	0.5	0.4	....	0.4
HAI	....	0.0	0.0	0.0	0.0	0.0	0.0	....	0.0
NAJAF	0.0	0.1	0.0	0.1	0.3	0.1	0.1	0.0	0.1
DIWANIYA	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
NASIRIYA	0.0	0.0	0.5	1.3	1.7	1.5	0.0	0.0	0.6
BASRAH	0.0	0.0	0.0	0.3	0.6	0.6	0.0	0.0	0.2

TABLE - 12. MONTHLY MEAN TOTAL CLOUD AMOUNT (OKTAS) المعدل الشهري لكمية الغيم الكلي (الثمن)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	....	0.9	1.0	1.9	2.9	2.0	1.0	....	1.6
MOSUL	0.7	1.1	0.7	1.6	2.8	2.4	1.3	1.0	1.5
KIRKUK	0.6	0.3	0.2	0.7	0.9	0.9	0.8	0.5	0.6
KHANAQIN	....	1.2	1.0	1.2	1.6	1.1	0.8	....	1.2
RUTBAH	0.3	0.6	0.6	1.0	1.7	2.0	1.3	0.8	1.0
HABBANIYA	0.8	0.8	1.0	0.9	1.0	1.3	0.9	0.9	1.0
BAGHDAD	0.5	0.8	1.0	1.1	1.0	0.9	0.8	0.3	0.8
NUKHAIB	....	....	1.0	1.1	1.2	1.4	1.2	....	1.2
HAI	....	0.2	0.4	0.8	1.0	0.7	0.4	....	0.6
NAJAF	2.0	0.6	0.7	0.7	0.6	0.8	0.6	0.2	0.8
DIWANIYA	0.1	0.5	0.7	0.9	0.8	0.7	0.4	0.2	0.5
NASIRIYA	0.0	0.1	0.6	1.4	1.8	1.8	0.2	0.1	0.8
BASRAH	0.1	0.1	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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	34+	MEAN V.C.
DHAHRAN	0300	16	0	0	0	0	1	3	7	1	25	4	0	0	6
	0600	2	0	1	0	0	1	5	1	5	22	2	1	0	5
	0900	2	1	2	0	0	2	12	0	4	17	8	1	0	6
	1200	3	0	0	0	0	3	1	3	0	18	9	1	0	6
	1500	1	0	0	0	0	3	18	2	4	10	12	2	1	6
	1800	14	0	1	0	0	2	7	2	2	18	8	2	0	5
	TOTAL	38	1	14	1	1	12	50	17	15	110	43	10	1	6
	0000	2	0	0	0	4	0	9	7	8	20	2	0	0	4
	0300	2	0	1	1	1	0	10	6	9	20	1	0	0	4
	0600	6	0	1	1	1	0	3	1	2	27	1	0	0	4
	0900	3	1	2	1	2	0	9	5	0	28	2	0	0	4
	1200	2	1	3	0	0	1	10	3	0	26	3	1	0	5
	1500	3	0	2	0	0	2	17	3	1	27	4	0	0	5
	1800	1	0	0	0	1	0	18	7	3	23	5	1	0	5
	2100	2	0	2	0	1	0	13	6	6	19	4	0	0	5
	TOTAL	21	2	11	2	10	3	89	56	29	190	19	2	0	5
DIRIYAH	0000	0	12	1	0	0	0	0	0	17	12	1	0	0	2
	0300	0	8	1	0	0	0	0	0	22	8	1	0	0	2
	0600	0	4	0	0	1	0	2	0	22	7	1	0	0	2
	0900	2	1	0	0	0	2	11	3	10	20	1	0	0	2
	1200	1	0	0	0	0	1	23	0	5	21	4	0	0	3
	1500	1	0	0	0	0	1	22	0	5	24	3	0	0	3
	1800	0	3	0	0	0	0	3	0	24	5	1	0	0	2
	2100	2	4	0	0	0	0	1	1	22	7	1	0	0	2
	TOTAL	6	32	1	1	1	3	42	4	127	104	11	1	0	3
BAHRAIN	0300	1	1	3	1	3	0	1	0	10	20	0	0	0	3
	0600	0	2	0	1	0	0	8	2	7	23	0	0	0	3
	0900	5	0	0	0	0	0	5	3	1	29	0	0	0	3
	1200	0	0	0	0	0	3	9	8	0	25	4	0	0	4
	1500	4	0	0	0	0	1	15	10	0	30	0	0	0	3
	1800	4	0	2	0	0	0	10	6	6	24	0	0	0	3
	TOTAL	14	3	23	3	3	4	58	34	24	154	4	1	0	6
RIYADH	0000	7	0	0	1	0	0	7	4	11	11	0	0	0	5
	0300	1	0	0	0	2	2	1	5	7	19	1	0	0	5
	0600	4	0	0	1	1	1	6	9	3	18	1	0	0	5
	0900	3	0	0	0	1	1	3	6	0	23	0	0	0	4
	1200	3	0	0	0	0	3	1	8	0	19	1	0	0	4
	1500	4	0	0	0	2	2	1	8	1	24	0	0	0	4
	1800	3	0	0	1	2	2	0	8	1	20	1	0	0	4
	2100	3	0	0	1	2	1	0	5	0	24	0	0	0	4
	TOTAL	28	0	0	3	7	7	9	68	31	145	25	3	0	7

NS 1965.
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جزء ١٩٦٥

عدد مقدار رصدات الرياح السطحية

SURFACE-WIND, NUMBER OF OBSERVATIONS OF :

المحطة STATION	وقت الرصد TIME GMT.	DIRECTION اتجاه N	NE	E	SE	S	SW	W	NW	السرعة بالعقد SPEED IN KNOTS CA-LM	1-10	11-21	22-33	34	المجموع TOTAL
	0000	0	0	0	0	0	2	8	6	14	15	1	0	0	
	0300	0	0	0	0	0	0	13	7	10	17	3	0	0	
	0600	2	0	0	0	2	1	13	10	1	21	8	0	0	
	0900	1	0	1	0	2	1	11	10	0	24	9	0	0	
BBARIYA	1200	1	0	0	1	0	2	12	7	1	15	14	0	0	
	1500	1	0	0	1	1	0	14	11	2	20	8	0	0	
	1800	3	0	1	0	1	0	7	6	12	16	2	0	0	
	2100	0	0	0	0	0	0	7	6	15	13	2	0	0	
	TOTAL	10	1	2	2	15	7	85	63	55	138	47	0	0	
	0000	8	1	0	0	0	0	2	9	10	17	3	0	0	
	0300	8	1	0	0	0	0	0	17	4	22	0	0	0	
	0600	7	2	0	0	0	0	2	18	1	19	1	0	0	
	0900	10	0	1	0	1	2	0	11	1	17	1	0	0	
UDAD	1200	5	0	0	1	0	2	6	14	1	22	8	0	0	
	1500	6	0	0	1	0	2	0	10	1	18	11	0	0	
	1800	4	0	0	0	0	1	2	13	1	17	1	0	0	
	2100	5	0	0	0	0	0	1	14	2	18	3	0	0	
	TOTAL	54	5	1	3	1	9	27	105	26	140	64	1	0	
	0600	49	2	2	2	2	0	3	0	0	23	7	0	0	
	0900	3	1	2	1	2	2	7	1	2	26	2	0	0	
NIAES	1200	5	0	2	0	5	2	14	2	0	26	3	0	0	
	1500	8	1	0	1	1	0	14	2	3	25	2	0	0	
	1800	8	3	5	0	0	0	9	1	4	26	0	0	0	
	TOTAL	49	7	15	4	11	4	44	7	9	126	14	1	0	
	0300	9	0	0	0	0	1	10	11	8	20	2	0	0	
	0600	7	0	0	0	0	1	6	11	6	17	7	0	0	
	0900	10	0	0	0	1	0	8	9	5	15	10	0	0	
	1200	6	0	0	0	0	0	5	9	10	7	9	1	0	
	1500	2	0	0	0	0	0	5	14	6	18	6	0	0	
	1800	2	1	0	0	0	0	5	16	6	21	3	0	0	
	TOTAL	27	1	0	0	1	2	39	69	41	98	40	1	0	
	0000	12	3	0	1	0	2	8	4	0	27	3	0	0	
	0300	15	0	0	1	0	0	1	13	1	25	4	0	0	
	0600	22	1	0	0	0	0	2	5	1	23	5	1	0	
	0900	17	5	0	1	0	0	3	3	1	24	5	1	0	
AJAF	1200	12	3	1	0	1	0	5	8	0	25	4	0	0	
	1500	18	3	0	1	0	0	3	3	1	23	2	0	0	
	1800	11	4	1	1	1	0	3	4	0	27	3	0	0	
	2100	12	3	1	1	1	0	3	4	0	27	3	0	0	
	TOTAL	129	22	5	5	3	2	30	42	7	199	31	3	0	

1965 (13) [illegible]

130 عدد [illegible] وحدات الرياح السطحية

SURFACE - WIND, NUMBER OF OBSERVATIONS OF :

المحطة	وقت كرينتش	DIRECTION الاتجاه								ريح سكون	SPEED IN KNOTS السرعة بالعقد				معدل السرعة بالعقد
[illegible]	TIME GMT.	N	NE	E	SE	S	SW	W	NW	CA-LE	1-10	11-21	22-33	34	MEAN V.K.
[illegible]	0000	6	1	1	0	0	0	8	7	7	16	7	0	0	6
	0300	8	1	0	0	0	0	8	7	6	21	2	0	0	5
	0600	15	2	0	0	0	0	9	2	2	21	7	0	0	8
	0900	17	0	1	0	0	0	7	5	0	22	8	0	0	8
[illegible]NIYA	1200	11	0	0	0	0	0	14	4	1	14	15	0	0	11
	1500	15	0	0	0	0	0	8	6	1	22	7	0	0	8
	1800	11	2	1	0	0	0	6	5	7	21	2	0	0	4
	2100	5	2	1	1	0	0	7	5	8	19	3	0	0	4
	TOTAL	88	6	4	1	0	0	67	40	32	156	52	0	0	7
[illegible]	0000	5	2	0	0	0	1	5	14	3	23	4	0	0	6
	0300	4	0	0	0	0	4	8	12	2	27	1	0	0	5
	0600	3	0	0	0	0	0	9	18	0	23	7	0	0	7
	0900	0	0	0	0	0	0	5	25	0	23	7	0	0	8
[illegible]IYA	1200	3	0	0	0	0	0	4	23	0	23	7	0	0	8
	1500	2	0	1	1	0	0	3	23	0	27	3	0	0	8
	1800	8	0	0	1	0	0	2	15	3	26	1	0	0	5
	2100	5	0	1	0	1	0	2	18	3	25	2	0	0	5
	TOTAL	30	2	2	2	1	5	38	149	11	197	32	0	0	7
[illegible]	0000	7	0	1	0	0	0	6	16	0	26	4	0	0	7
	0300	6	0	0	1	0	1	10	12	0	29	1	0	0	6
	0600	10	0	1	0	0	1	4	14	0	17	13	0	0	9
	0900	4	0	0	0	0	0	1	25	0	13	17	0	0	11
[illegible]	1200	5	0	0	0	0	0	1	24	0	14	16	0	0	[illegible]
	1500	7	0	0	0	0	0	3	20	0	28	2	0	0	6
	1800	8	1	0	0	1	0	2	17	1	24	5	0	0	6
	2100	9	0	1	0	0	0	3	16	1	23	6	0	0	7
	TOTAL	56	1	3	1	1	2	30	144	2	174	64	0	0	8

[illegible] 14 أعلى سرعة ريح حدثت خلال ساعة

HIGHEST WIND-SPEED DURING ONE HOUR

[illegible]ONS	HIGHEST WIND-SPEED DURING ONE HOUR (V.K.)	DIRECTION	TIME GMT.	DAY
[illegible]AR	38 Knots	250	1500	14th
[illegible]	25	250	1200	14th
[illegible]DE	30	290	1500	14th
[illegible]AQIN	26	320	1200	5th
[illegible]AH	25	350	0600	6th
[illegible]ANIYA	20	270	1200	17th
[illegible]AD	22	300	0900	23rd
[illegible]AIB	22	360	1200	5th
[illegible]	22	350	1200	20th
[illegible]	25	340	0900	6th
[illegible]NIYA	18	340	0600	30th
[illegible]RIYA	16	320	0600	15th
[illegible]AH	18	320	0900	22nd

JUNE 1965.
TABLE 15.

الهطول اليومي (بالملمترات)

حزيران ١٩٦٥

DAILY PRECIPITATIONS (MILLIMETERS), tr < 0.05 mm

DAYS	SINJAR	MOSUL	KIRKUK	KHANAQIN	RUTBAH	HABBANIYA
1						
2						
3					tr	
4	tr	0.8			tr	
5				tr		
6						
7						
8						
9						
10						
11					tr	
12						
13						
14		1.6	tr			
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
TOTAL	tr	2.4	tr	tr	tr	
NORMAL		0.7	0.2	0.4	0.7	0.0

STATIONS	HIGHEST AMOUNT OF RAIN IN ONE DAY		DAY	YEAR
SINAJR	6.1	mms.	13th	1957
MOSUL	5.4		5th	1959
KIRKUK	2.7		12th	1957
HABBANIYA	0.5		1st	1963
KHANAQIN	6.0		12th	1957
RUTBAH	1.7		2nd	1954

JUNE 1965.

حزيران ١٩٦٥

TABLE 15b.

الهطول اليومي (ملليمترات)

DAILY PRECIPITATIONS(MILLIMETERS), tr = 0.05mm

الأيام	بغداد	نخيب	حي	نجف	ديوانية	ناصرية	بصرة
DAYS	BAGHDAD	NUKHAIB	HAI	NAJAF	DIWANIYA	NASIRIYA	BASRAH
1							
2							
3							
4							
5							
6							
7							
8		tr					
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
TOTAL		tr					
NORMAL	C.f	,,,	0.0	,,,	0.0	0.0	0.0

STATIONS	HIGHEST AMOUNT OF RAIN IN ONE DAY	DAY	YEAR
BAGHDAD	2.5 mms.	2nd	1955
NUKHAIB	tr	8th	1965
HAI	0.3	4th	1957
NAJAF	tr	1st	1963
DIWANIYA	tr	11th	1944
NASIRIYA	tr	5th	1964
BASRAH	tr	2nd	1958

UNK 1965 , TABLE = 16

درجات اليوميه لحراره العشب والتربه (بالفهرنهايت) والتبخر (بالبوصه) 1965 جدول 16

DAILY GRASS MINIMUM TEMPERATURES C° , AND SOIL TEMPERATURES C° OF 0.3 & 1.2 M , AND EVAPORATION

STATIONS	MOSUL	KIRKUK			HABBANIYA			BAGHDAD			NAJAF		NASIRIYA			BASRAH	BAGHDAD
DAYS	0.3M	GRASS	0.3M	1.2M	GRASS	0.3M	1.2M	GRASS	0.3M	1.2M	0.3M	1.2M	GRASS	0.3M	1.2M	GRASS	EVAPORATION
1	25.4	18.6	27.6	23.6	22.1	33.4	28.0	19.9	32.3	26.0	33.5	31.5	22.2	35.5	27.3	20.1	13.0
2	26.5	21.6	27.8	23.8	24.2	33.9	28.2	24.6	33.6	25.0	31.5	29.8	22.9	36.1	28.3	20.0	12.0
3	26.8	22.3	28.3	24.0	19.4	34.5	28.4	18.2	33.0	26.2	34.6	31.7	20.5	36.6	28.3	19.2	15.0
4	27.0	22.4	28.9	24.0	24.2	34.6	28.4	25.4	34.0	26.4	34.7	31.6	25.3	36.7	28.4	20.6	17.0
5	27.4	26.6	29.9	24.3	28.3	35.0	28.6	25.6	34.6	26.5	36.0	32.2	18.3	37.0	28.6	22.1	15.0
6	27.8	20.0	29.9	24.5	25.2	35.3	28.9	23.1	34.2	26.7	36.3	32.4	29.8	37.2	28.8	22.7	11.0
7	28.4	24.2	29.7	24.6	25.4	35.6	28.9	21.7	34.5	27.0	35.5	32.5	26.7	36.1	28.9	20.3	19.0
8	28.6	22.9	30.0	25.0	26.4	35.8	28.2	19.8	34.2	27.0	36.5	32.4	24.1	36.6	29.0	21.2	17.0
9	28.9	20.6	30.0	25.1	26.7	35.9	29.4	20.0	34.1	27.4	36.2	33.1	25.3	37.3	29.4	22.0	14.0
10	29.1	17.5	29.6	25.3	23.4	35.6	29.5	16.6	33.5	28.5	35.4	33.4	23.2	37.2	29.4	21.0	14.0
11	29.4	17.6	29.4	25.5	22.3	35.1	29.5	15.5	33.3	27.5	36.6	33.0	23.8	36.9	29.5	18.5	11.0
12	29.5	19.6	29.9	25.6	29.5	35.9	29.9	26.0	34.0	27.6	36.8	33.4	28.8	36.9	29.5	21.5	13.0
13	29.8	16.6	29.5	25.6	23.9	36.0	29.8	17.2	33.8	27.6	36.4	33.0	26.0	36.3	29.4	21.7	10.0
14	30.0	20.4	30.0	26.1	24.2	36.1	30.0	22.8	34.5	28.0	36.9	33.5	27.7	36.7	30.0	24.2	12.0
15	30.0	20.7	30.5	26.1	25.8	36.5	30.1	26.8	34.5	28.0	36.4	33.8	25.6	36.7	30.0	20.3	14.0
16	30.3	14.0	29.5	26.1	21.1	35.9	30.4	17.7	33.6	28.1	36.0	33.4	20.3	34.9	30.2	20.6	16.0
17	30.5	18.3	29.7	26.5	22.5	35.6	30.5	17.9	33.2	28.2	36.2	33.5	20.6	35.0	30.2	19.5	12.0
18	30.3	14.0	29.4	26.4	20.6	35.0	30.6	14.6	32.6	28.2	33.7	33.9	22.6	35.5	30.4	19.5	10.0
19	29.6	16.5	29.3	26.4	19.4	34.5	30.6	17.0	32.6	28.4	33.9	33.6	22.8	35.4	30.4	21.5	14.0
20	29.8	19.6	29.4	26.4	21.0	34.7	30.6	18.3	33.0	28.5	35.2	34.0	25.5	35.2	30.5	21.4	14.0
21	30.0	19.2	29.7	26.6	22.2	35.0	30.6	17.1	33.2	28.4	34.2	33.6	24.7	34.2	30.5	19.4	13.0
22	30.3	20.4	30.5	26.6	23.2	35.5	30.6	18.3	33.7	28.5	34.8	33.5	25.7	34.0	30.5	19.5	14.0
23	30.5	17.4	30.5	26.6	24.4	35.8	30.6	21.0	34.0	28.5	35.2	33.7	25.8	34.9	30.6	19.6	15.0
24	30.8	15.5	30.4	26.7	22.8	35.6	30.8	16.8	33.8	28.5	34.9	33.7	25.7	35.3	30.6	17.2	10.0
25	30.6	16.2	30.1	26.7	23.9	35.6	30.7	17.5	33.8	28.6	34.2	34.0	24.3	36.0	30.6	19.6	14.0
26	30.8	17.0	30.0	27.0	21.1	35.6	31.0	15.3	33.6	28.7	35.2	34.0	25.2	36.6	30.4	18.8	10.0
27	30.4	21.4	30.5	27.1	24.0	35.6	31.0	20.1	33.6	29.0	35.3	34.0	21.7	36.4	30.5	18.8	12.0
28	30.0	19.8	30.8	27.1	23.4	35.6	31.1	16.8	33.5	28.2	35.6	34.2	23.4	36.3	30.6	18.6	12.0
29	30.2	20.9	31.1	27.2	25.3	36.0	31.1	21.4	34.1	28.9	35.6	34.3	24.5	36.7	30.7	19.8	10.0
30	30.3	17.4	30.8	27.4	23.4	36.1	31.1	20.7	34.0	29.0	35.6	34.2	26.2	37.0	30.7	21.0	13.0
MEANS	29.3	19.3	29.8	25.8	23.6	35.4	29.9	19.8	33.7	27.8	35.3	33.2	24.3	36.1	29.7	20.3	13.6

JUNE 1965 .

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حزيران ١٩٦٥

TABLE = 17 .

CLIMATOLOGICAL SUMMARY الملخصات الخاصة

NUMBER OF DAYS FOR THE CASES OF PHENOMENA : عدد الايام التي حدثت فيها الظواهر الجوية

STATIONS	RAIN	SNOW	HAIL	THUNDER STORM	FOG	MIST	HAZE	RISING DUST	SUSPENDED DUST	DUST STORM	GROUND FROST	STATE OF SKY CLEAR	STATE OF SKY CLOUDY
SINJAR	0	0	0	0	0	0	11	12	14	0	0	14	0
MOSUL	2	0	0	1	0	0	8	2	5	1	0	15	0
KIRKUK	0	0	0	0	0	0	3	3	2	1	0	27	0
KHANAQIN	0	0	0	0	0	0	2	1	0	0	0	21	1
RUTBAH	0	0	0	1	0	0	1	3	0	0	0	21	0
HABBANIYA	0	0	0	0	0	0	0	1	3	1	0	22	0
BAGHDAD	0	0	0	0	0	0	13	2	3	0	0	22	0
NUKHAIB	0	0	0	0	0	0	0	7	3	0	0	22	0
HAI	0	0	0	0	0	0	0	10	1	0	0	27	0
NAJAF	0	0	0	0	0	0	0	2	2	0	0	24	0
DIWANIYA	0	0	0	0	0	0	0	1	3	0	0	26	0
NASIRIYA	0	0	0	0	0	0	1	5	23	3	0	23	0
BASRAH	0	0	0	0	0	0	1	2	9	1	0	29	0

TABLE = 18.

DURATION OF SUNSHINE : مدة سطوع الشمس

STATIONS	MONTHLY TOTAL SUNSHINE HOURS	MAX. SUNSHINE DURING ONE DAY HOURS	MAX. SUNSHINE DURING ONE DAY DAY	No. OF DAYS WITHOUT SUNSHINE
MOSUL	353.8	13.1	19&26th	0
HABBANIYA	.....	....	....	. (NOT AVAILABLE)
BAGHDAD	360.9	13.4	19th	0
BASRAH	344.6	12.9	29th	0

DEC 30 1965
WEATHER BUREAU

وزارة المواصـــلات

مديرية الطيران المدني العامة

مديرية الانواء الجوية

شعبة احصائيات المناخ

بغـداد

تقرير المناخ الشهري

العـــدد ٧ و ٨
المجلـــد ٢٨
الشهر تموز وآب
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BAGHDAD

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وزارة المواصلات

مديرية الطيران المدني العامة

شعبة الانواء الجوية العامة

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 لشهر تموز ١٩٦٥

مجلد ٢٨ ، عدد (٧) ، تموز ١٩٦٥

MONTHLY CLIMATOLOGICAL DATA FOR JULY 1965

VOLUME 28 , No. (7) , J U L Y 1965

اعداد و تنظيم و طبع من قبل شعبة المناخ

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TABLE 1 - a. المعدل اليومي لدرجات الحرارة (سنتغراد)

DAILY MEAN TEMPERATURES (C°) OF 8 OBSERVATIONS

الايام	سنجار	موصل	كركوك	رطبة	حبانية	بغداد
DAYS	SINJAR	MOSUL	KIRKUK	RUTBAH	HABBANIYA	BAGHDAD
1	34.4	33.7	35.1	29.2	33.8	34.0
2	36.2	34.1	36.2	29.7	34.2	34.3
3	35.8	35.8	35.8	30.3	35.8	34.7
4	34.3	33.0	34.6	30.2	34.3	35.4
5	33.5	32.5	33.8	30.5	33.5	35.3
6	35.2	34.5	35.2	30.8	34.6	34.3
7	36.6	34.2	36.7	31.9	35.5	35.1
8	36.9	33.7	36.9	32.0	36.1	35.4
9	36.3	34.6	36.4	30.1	35.9	37.1
10	32.4	30.8	33.9	30.0	33.9	33.6
11	33.2	32.8	33.2	30.9	33.5	33.1
12	33.6	31.6	33.6	28.4	33.2	32.8
13	31.6	32.3	34.4	26.4	33.7	32.5
14	31.5	33.3	34.3	27.7	33.3	33.8
15	32.3	34.2	34.8	28.5	33.7	34.8
16	38.4	36.2	39.3	29.9	35.8	36.9
17	38.1	36.9	39.7	32.2	37.4	36.9
18	39.2	38.2	40.0	32.5	37.9	36.6
19	36.0	36.6	37.6	31.9	36.9	36.2
20	34.1	33.5	35.1	31.8	35.6	34.2
21	35.2	33.3	35.7	30.2	34.2	34.1
22	35.8	34.5	36.0	31.1	35.5	33.9
23	34.2	32.9	34.8	31.2	34.2	35.0
24	35.5	33.6	35.1	31.6	34.1	34.5
25	35.5	34.5	35.2	32.0	34.6	35.0
26	35.2	33.2	36.0	31.6	35.0	36.8
27	36.1	33.4	36.0	31.8	35.2	35.0
28	36.8	35.3	36.5	31.4	35.6	34.7
29	37.2	35.4	36.2	31.4	35.3	34.5
30	35.3	35.7	35.6	31.7	35.8	34.4
31	35.7	34.9	36.0	31.8	35.5	36.0
MEANS	35.4	34.2	35.8	30.7	35.0	34.9
DEPARTURE FROM NORMAL	....	+0.5	+0.7	+0.4	+0.1	-0.1

NOTE : AT SINJAR, OBSERVATIONS 0000& 2100 ARE MISSED.

T I M E - G . M . T .

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

JULY 1965.

TABLE 1-b.

المعدل اليومي لدرجات الحرارة (سنتغراد)

DAILY MEAN TEMPERATURE (C°) OF 8 OBSERVATIONS

الأيام	نخيب	حي	نجف	ديوانية	ناصرية	بصرة
DAYS	NUKHAIB	HAI	NAJAF	DIWANIYA	NASIRIYA	BASRAH
1	36.5	35.4	34.9	33.5	32.1	33.1
2	36.0	34.8	35.0	32.7	32.8	32.7
3	37.3	35.0	36.2	35.0	33.8	34.3
4	37.3	36.2	37.1	34.0	35.4	34.4
5	38.1	36.0	35.9	35.2	35.9	34.7
6	37.3	37.6	35.8	34.7	36.3	34.3
7	38.4	37.5	36.4	35.4	35.9	34.3
8	40.5	37.9	38.2	36.0	35.6	34.5
9	38.9	38.9	37.5	35.4	34.9	34.7
10	36.0	36.9	36.0	33.8	34.2	34.3
11	36.7	35.4	34.6	32.7	33.5	32.9
12	34.3	36.0	33.4	31.2	34.1	33.8
13	36.3	33.9	33.0	34.0	32.3	32.1
14	34.5	35.8	34.4	33.3	32.6	32.9
15	35.6	36.6	34.9	33.6	30.9	32.2
16	36.7	37.3	35.7	34.6	32.3	32.6
17	39.1	39.4	39.1	36.6	34.1	35.5
18	40.2	37.9	39.3	36.4	36.9	36.7
19	39.3	39.0	38.5	37.1	37.0	37.1
20	37.4	37.9	37.5	34.3	35.6	35.7
21	38.2	36.8	36.3	33.7	34.5	34.9
22	37.7	37.0	34.6	34.3	35.3	34.0
23	38.0	36.0	37.2	35.5	34.6	34.5
24	39.2	36.0	36.1	34.1	34.5	33.5
25	39.5	37.0	36.5	35.6	34.9	33.6
26	39.2	38.0	37.6	36.0	35.7	35.0
27	38.0	37.4	36.2	34.7	34.3	34.1
28	38.1	35.9	36.4	34.1	34.2	34.1
29	38.2	35.8	36.3	33.7	35.0	34.4
30	38.5	37.0	36.8	34.3	35.0	34.4
31	43.1	36.3	36.8	35.1	34.4	34.2
MEANS	37.9	36.7	36.3	34.4	34.5	34.2
DEPARTURE FROM NORMAL	####	+0.9	####	+0.5	+0.4	+0.4

NOTE: AT NUKHAIB, OBSERVATIONS 0000, 0300, 1800, & 2100 ARE MISSED.
AT HAI OBSERVATIONS 0000 & 2100 ARE MISSED.

TABLE 2-a. المعدل اليومي للضغط الجوي على سطح البحر (ملليبارات)

DAILY MEAN PRESSURE (MILLIBARS) AT M.S.L. OF 8 OBSERVATIONS

الايام	سنجار	موصل	كركوك	رطبة	حبانية	بغداد
DAYS	SINJAR	MOSUL	KIRKUK	RUTBAH	HABBANIYA	BAGHDAD
1	1002.2	1002.2	1000.8	1005.1	1002.1	1001.3
2	999.1	999.2	997.9	03.2	999.4	998.9
3	997.5	997.4	997.3	02.0	998.5	997.8
4	999.6	999.5	999.6	02.8	00.5	00.2
5	01.3	01.6	02.0	03.5	02.1	02.0
6	02.1	02.0	01.4	04.1	01.8	01.7
7	01.3	01.7	00.9	03.8	01.1	00.6
8	00.7	01.2	00.3	02.8	00.6	00.0
9	00.0	00.1	999.2	02.8	999.9	999.0
10	998.4	998.5	998.1	02.1	998.9	998.3
11	994.6	995.1	995.1	999.3	996.7	996.3
12	95.0	995.7	995.6	999.4	995.4	995.6
13	00.4	00.3	[illegible]	03.1	00.4	00.4
14	05.0	04.3	[illegible]	06.8	04.2	03.3
15	05.1	03.7	02.6	07.8	03.9	02.7
16	00.5	00.5	998.8	05.9	00.3	998.7
17	999.1	998.8	997.0	01.7	996.4	995.5
18	997.2	997.1	996.0	00.7	996.3	995.5
19	997.8	998.1	997.5	01.4	998.6	997.7
20	998.5	997.5	998.6	01.4	999.4	999.1
21	998.4	999.9	998.6	01.4	999.2	999.0
22	998.3	997.7	997.0	01.0	998.2	997.7
23	998.7	999.2	958.7	01.8	999.5	998.8
24	999.9	00.3	00.0	02.6	00.7	00.3
25	00.9	00.9	00.9	02.4	01.2	00.8
26	00.9	01.1	00.2	02.6	00.4	999.8
27	997.7	997.5	996.6	01.4	997.8	997.0
28	995.1	994.9	994.4	00.2	996.1	995.0
29	995.1	994.8	994.9	999.7	996.2	995.8
30	997.3	997.0	996.7	00.9	997.8	997.0
31	999.0	998.9	997.9	01.5	998.9	998.1
MEANS	999.4	999.4	998.7	1002.4	999.4	998.9
DEPARTURE FROM NORMAL	....	0.0	+1.3	-0.1	-0.5	+0.4

STATIONS	HIGHEST	DAY	TIME	YEAR	LOWEST	DAY	TIME	YEAR	
SINJAR	1007.0	15th	0300	1965	993.3	28th	1500	1965	1965
MOSUL	1005.6	15th	0000	1965	992.6	11th	1500	1965	
KIRKUK	1004.9	14th	2100	1965	992.5	28th	1500	1965	
RUTBAH	1008.6	16th	0600	1965	997.4	11th	1800	1965	
HABBANIYA	1005.2	14th	1800	1965	994.1	12th	1500	1965	
BAGHDAD	1003.8	14th	2100	1965	993.8	28th	1500	1965	
SINJAR	1007.0	15th	0300	1965	991.3	8th	1500	1964	RECORD
MOSUL	1015.0	23rd	0600	1941	990.2	22nd	1300	1939	
KIRKUK	1007.4	12th	0300	1958	990.3	26th	1800	1950	
RUTBAH	1010.8	2nd	0600	1944	993.8	26th	1200	1950	
BAGHDAD	1008.5	4th	18&21	1957	990.0	19th	0600	1948	

TABLE 2-ب. المعدل اليومي للضغط البيومتري على سطح البحر (بالملليبارات)

DAILY MEAN PRESSURE (MILLIBARS) AT M.S.L. OF 8 OBSERVATIO

الأيام	نخيب	حي	نجف	ديوانية	ناصرية	بصرة
DAYS	NUKHAIB	HAI	NAJAF	DIWANIYA	NASIRIYA	BASRAH
1	1003.9	999.3	1001.6	1001.5	1000.5	1000.1
2	1001.9	998.4	999.3	999.8	999.4	999.2
3	00.3	997.3	998.1	998.4	997.9	998.6
4	01.9	00.0	00.8	00.9	00.2	00.5
5	01.8	01.7	01.4	01.5	01.1	01.5
6	03.1	00.6	01.5	01.6	00.5	00.6
7	02.5	999.6	00.7	01.1	00.3	00.3
8	01.3	998.6	00.2	00.2	999.3	999.2
9	01.1	997.2	999.0	999.3	998.1	997.5
10	00.9	996.6	999.9	998.7	997.6	997.5
11	999.1	996.6	998.4	997.5	997.0	997.6
12	997.5	996.4	996.5	997.2	997.4	997.9
13	02.9	00.5	00.9	01.3	01.1	01.6
14	05.6	01.0	03.0	03.1	01.8	01.6
15	06.3	999.9	03.2	02.7	00.6	999.2
16	03.3	997.3	999.5	999.2	997.5	996.8
17	999.0	992.9	995.1	995.6	994.7	994.8
18	998.5	995.9	995.8	996.2	995.7	996.2
19	00.1	996.6	998.1	997.0	997.1	997.6
20	00.9	998.4	999.1	999.6	998.8	998.5
21	00.2	998.8	999.1	999.6	998.9	999.0
22	00.0	996.7	997.4	998.1	997.3	997.2
23	00.8	997.4	998.7	999.2	998.2	998.6
24	01.5	997.6	00.8	00.9	999.9	999.9
25	00.9	999.3	00.4	00.9	999.7	999.2
26	01.5	997.3	999.2	999.6	997.9	997.3
27	999.8	995.2	997.5	997.6	996.2	995.4
28	998.0	993.7	995.6	996.2	995.2	995.0
29	997.9	995.1	996.9	996.7	996.0	996.1
30	999.6	995.7	997.3	997.5	996.7	997.0
31	00.1	996.9	998.5	998.8	997.8	997.6
MEANS	1001.0	997.7	998.7	999.2	998.4	998.4
DEPARTURE FROM NORMAL	....	-0.1	....	+1.2	+0.6	+1.1

STATIONS	HIGHEST	DAY	TIME	YEAR	LOWEST	DAY	TIME	YEAR	
NUKHAIB	1007.6	15th	0600	1965	996.2	12th	1500	1965	1965
HAI	1002.8	5th	0600	1965	993.1	28th	1500	1965	
NAJAF	1004.1	15th	0600	1965	993.7	17th	1500	1965	
DIWANIYA	1003.9	15th	0600	1965	994.6	17th	1500	1965	
NASIRIYA	1002.9	5th	0900	1965	993.4	17th	1500	1965	
BASRAH	1002.8	5th	0600	1965	993.8	27th	1500	1965	
NUKHAIB	1007.6	15th	0600	1965	993.7	21st	1500	1964	RECORD
HAI	1006.8	4th	0900	1957	990.2	3rd	0000	1959	
NAJAF	1004.1	15th	0600	1965	991.7	22nd	1800	1963	
DIWANIYA	1007.9	12th	0600	1958	991.1	26th	1500	1954	
NASIRIYA	1006.7	4th	0600	1957	991.3	22nd	1500	1956	
BASRAH	1006.0	4th	0900	1957	990.3	3rd	1500	1959	

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TABLE -3 .

DAILY MEAN RELATIVE HUMIDITY (%) OF 8 OBSERVATIONS

DAYS	SIN-JAR	MO-SUL	KIR-KUK	RUT-BAH	HABB-ANIYA	BAGH-DAD	NUK-HAIB	HAI	NA-JAF	DIWA-NIYA	NASI-RIYA	BAS-RAH
1	14	24	16	22	23	22	10	27	28	26	38	42
2	12	24	19	24	31	28	11	30	18	34	32	43
3	16	22	20	23	28	22	11	33	18	28	29	38
4	16	26	16	22	28	22	13	30	17	32	33	41
5	19	27	17	20	36	23	11	31	20	29	33	52
6	15	23	17	22	28	24	14	25	21	29	33	53
7	13	23	17	19	25	22	12	25	17	28	31	55
8	13	27	14	16	26	20	9	28	13	25	28	53
9	10	24	14	18	25	16	10	23	12	23	30	55
10	23	33	18	25	31	26	11	26	19	28	32	55
11	13	22	17	18	25	28	10	29	17	29	33	53
12	14	29	14	27	34	26	13	26	20	26	18	49
13	20	26	16	33	30	32	17	29	21	32	23	54
14	18	25	17	28	27	24	15	29	17	24	28	57
15	14	20	16	21	22	20	11	25	18	20	32	54
16	8	21	11	15	21	20	6	27	16	23	31	53
17	8	24	13	17	21	23	11	24	16	29	29	41
18	9	20	11	18	18	26	10	32	19	36	30	35
19	11	26	15	19	24	25	9	29	16	26	31	38
20	17	31	17	15	23	31	9	26	16	31	30	43
21	11	39	13	17	29	27	8	26	22	29	26	46
22	9	23	13	19	25	24	11	26	15	28	24	46
23	11	24	15	22	26	26	15	27	16	28	28	45
24	13	23	14	20	27	29	12	25	16	31	28	47
25	15	19	12	16	30	21	11	24	17	32	27	50
26	17	26	12	15	28	15	12	23	15	24	25	50
27	14	27	14	16	25	20	11	23	16	26	27	51
28	16	25	16	18	24	22	11	27	18	28	23	52
29	16	24	16	20	27	25	13	26	19	29	19	50
30	9	21	16	21	21	24	11	28	17	27	21	38
31	10	24	14	20	23	21	11	27	18	27	29	45
MEANS	14	25	15	20	23	24	11	27	18	28	28	48
NORMAL	..	26	19	24	23	22	..	25	..	28	30	49

STATIONS	HIGHEST	TIME	DAY	LOWEST	TIME	DAY
SINJAR	48	0300	10th	5	1500	31st
MOSUL	58	0300	21st	8	1200	9th
KIRKUK	31	0000	11th	4	1200	25th
RUTBAH	59	0300	13th	5	1200	18th
HABBANIYA	58	0300	5th	10	1500	15th
BAGHDAD	50	2100	20th	7	1200	26th
NUKHAIB	26	0600	14th	2	1500	16th
HAI	53	0300	17th	14	0900	17th
NAJAF	38	0300	1st	7	1500	24th
DIWANIYA	53	0000	16th	9	1200	9th
NASIRIYA	61	0000	6th	6	1800	12th
BASRAH	85	0300	5th	9	1200	17th

JULY 1965.

TABLE 4-a.

درجات الحرارة العظمى و الصغرى اليومية (سنتغراد)

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

	سنجار		موصل		كركوك		خانقين		رطبة	
	SINJAR		MOSUL		KIRKUK		KHANAQIN		RUTBAH	
الايام	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DAYS	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	38.0	27.3	42.3	23.2	42.5	25.3	42.8	20.6	37.0	21.5
2	39.6	30.3	42.7	24.8	43.1	25.5	42.2	23.9	37.3	21.3
3	39.5	30.4	43.7	25.2	43.0	26.8	42.8	25.0	37.2	22.0
4	37.0	28.6	42.3	23.8	44.4	27.0	42.2	26.7	37.5	21.8
5	37.8	24.3	41.8	22.0	40.5	26.0	40.6	23.3	37.6	20.8
6	39.0	28.2	42.2	26.0	42.3	26.0	42.1	25.0	38.0	21.6
7	39.7	28.6	43.0	25.6	43.5	28.4	43.9	25.0	39.6	22.5
8	40.5	30.2	43.8	24.0	44.2	29.2	45.0	25.0	40.6	23.0
9	39.6	31.4	44.5	23.7	44.2	25.6	44.4	23.3	38.6	22.0
10	37.2	24.3	39.7	20.8	39.1	27.1	41.7	23.9	37.5	21.5
11	36.5	27.2	41.0	23.2	40.4	25.3	41.7	23.3	38.5	22.5
12	38.4	25.6	41.1	21.2	40.3	24.5	42.2	25.6	35.5	21.0
13	35.8	27.0	40.6	21.4	39.7	29.7	41.7	27.2	35.5	18.8
14	35.0	26.2	41.1	22.3	41.2	25.2	42.2	22.8	35.5	18.6
15	36.6	25.4	42.2	26.3	43.0	24.5	43.9	23.3	37.0	19.5
16	43.5	29.3	48.2	27.1	49.5	27.5	49.4	26.7	38.6	19.0
17	42.8	31.4	46.6	25.3	46.5	31.9	47.2	31.7	41.5	22.4
18	43.6	32.3	48.1	29.1	47.0	35.1	47.8	27.8	41.5	23.5
19	39.7	29.8	46.7	26.3	46.0	28.6	46.1	27.8	40.0	24.0
20	38.6	26.7	43.1	23.6	42.7	28.0	44.4	26.7	39.2	22.5
21	39.5	29.1	42.6	22.8	42.5	28.7	42.2	26.1	39.6	22.6
22	39.0	31.8	43.2	24.7	43.2	27.0	42.8	23.3	39.5	22.5
23	38.0	28.4	42.1	23.6	42.4	27.0	42.2	23.3	39.5	23.2
24	39.2	28.6	42.8	20.1	42.7	25.7	41.7	22.2	40.5	22.0
25	38.6	29.1	44.2	22.3	43.2	26.8	43.3	22.8	41.0	21.2
26	38.6	30.1	44.2	22.1	43.4	29.1	43.3	24.4	40.2	23.0
27	40.0	26.8	43.6	21.2	43.3	27.2	43.3	23.3	39.5	23.5
28	40.3	30.4	44.2	23.6	44.2	27.1	43.9	24.4	40.0	23.0
29	40.5	31.3	44.2	24.8	44.0	27.6	44.4	24.4	40.0	23.5
30	39.6	29.4	44.2	29.3	43.6	27.7	43.9	25.6	40.2	23.0
31	40.0	30.3	44.1	23.0	44.0	27.0	43.9	24.4	40.5	23.5
MEANS	39.1	29.1	43.3	23.9	43.1	27.4	43.5	24.1	38.8	22.0
DEPARTURE FROM NORMAL	....	....	-0.7	+1.7	+0.5	+0.9	-0.1	-1.3	+0.2	-0.2

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
SINJAR	44.7	19th	1962	22.3	11th	1964
MOSUL	51.1	21st	1937	13.8	12th	1958
KIRKUK	49.5	16th	1965	20.0	13th	1950
KHANAQIN	50.0	19th	1940	15.5	12th	1958
RUTBAH	46.1	21&22	1940	14.4	6th	1933

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

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

	جزائرية		بغداد		نخيب		حي	
	HABBANIYA		BAGHDAD		NUKHAIB		HAI	
الأيام	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DAYS	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	41.8	24.5	42.5	24.5	40.5	22.3	41.8	25.0
2	42.2	24.5	41.3	23.6	40.5	23.4	41.6	26.0
3	43.2	27.2	43.4	26.1	41.5	24.6	42.8	23.0
4	42.0	26.7	42.4	23.8	41.5	24.5	42.8	25.8
5	42.2	24.1	41.8	23.6	42.6	23.6	43.0	24.4
6	43.2	27.4	42.4	24.6	41.5	25.5	43.0	26.8
7	44.0	25.5	43.8	25.5	42.4	23.9	43.8	25.6
8	45.3	26.4	44.8	26.3	44.6	24.5	45.0	26.3
9	45.3	26.7	45.1	27.2	44.0	25.0	45.0	27.7
10	40.6	25.2	40.7	23.2	40.8	25.2	43.0	26.8
11	42.1	27.5	42.2	24.0	40.5	24.7	41.8	25.4
12	41.0	24.7	40.7	23.6	38.2	24.2	42.6	23.4
13	40.4	26.1	40.5	23.5	36.3	23.9	41.6	20.7
14	40.6	24.0	41.8	23.5	39.1	21.9	42.0	24.0
15	41.0	24.3	41.5	26.5	40.1	22.4	41.8	26.8
16	45.2	22.5	45.6	28.2	41.8	23.3	43.4	30.0
17	46.9	29.5	46.4	28.2	44.3	30.0	46.0	27.0
18	46.7	28.8	47.0	26.6	44.8	28.1	46.4	26.0
19	45.6	27.8	45.0	28.2	44.1	26.1	46.0	27.4
20	43.0	27.2	43.0	25.0	42.5	25.6	45.2	26.4
21	43.4	27.2	43.0	23.8	43.1	24.8	43.6	24.3
22	44.0	27.0	43.6	22.4	42.1	24.3	43.0	25.8
23	42.8	27.0	42.4	25.5	41.6	23.6	43.0	23.0
24	43.4	24.5	42.8	22.6	43.0	24.0	42.6	26.0
25	44.1	24.7	43.7	22.5	43.4	23.8	43.6	25.8
26	44.2	24.5	44.5	28.5	43.0	24.0	44.8	27.0
27	43.3	25.0	43.5	24.6	43.0	23.6	42.6	29.0
28	44.1	28.7	43.4	26.5	43.1	24.8	43.1	24.0
29	44.1	27.1	43.0	24.5	42.4	24.8	43.6	24.2
30	43.4	27.2	43.8	24.8	42.6	26.5	44.8	22.6
31	43.8	26.6	44.5	25.1	43.1	24.9	43.8	25.0
MEANS	43.4	26.1	43.2	25.5	42.0	24.8	43.4	25.5
DEPARTURE FROM NORMAL	-0.5	+0.4	-0.2	+0.3	....	....	-0.2	-0.8

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
HABBANIYA	50.6	3rd	1948	21.1	21st	1948
BAGHDAD	50.0	31st	1957	16.6	8th	1946
NUKHAIB	45.7	14th	1964	20.2	29th	1963
HAI	50.0	22nd	1943	20.7	13th	1965

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TABLE 4-C.

درجات الحرارة العظمى والصغرى اليومية (مئوية)

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

	النجف		الديوانية		الناصرية		البصرة	
	NAJAF		DIWANIYE		NASIRIYA		BASRAH	
الايام	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DAYS	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	42.4	24.6	44.6	25.0	38.8	24.6	39.0	28.4
2	42.1	26.5	41.2	23.5	40.9	26.4	39.7	27.4
3	44.0	27.0	43.5	23.8	42.7	25.1	42.9	26.1
4	44.2	27.2	43.5	22.6	43.7	27.6	41.2	26.9
5	44.8	28.4	44.5	23.8	43.9	27.8	42.7	27.8
6	44.4	27.0	44.0	24.2	44.5	27.8	42.0	26.7
7	45.4	26.9	44.2	26.1	44.0	29.7	41.0	26.7
8	45.4	28.5	43.3	27.0	44.7	28.0	42.4	25.9
9	46.0	28.1	45.3	25.3	43.2	27.2	41.2	28.9
10	44.2	28.0	42.5	25.1	42.3	26.3	40.5	28.6
11	42.5	27.6	41.8	25.2	41.3	26.1	41.3	25.8
12	39.4	27.1	41.2	22.5	42.8	23.2	41.0	26.5
13	40.6	26.4	40.9	22.0	40.7	23.0	39.8	25.6
14	41.0	25.5	41.6	22.6	41.6	23.6	39.8	26.4
15	41.2	26.5	40.8	24.5	35.8	25.2	36.2	28.4
16	43.7	26.4	42.8	27.6	38.3	25.9	38.5	27.7
17	47.5	31.0	47.0	26.0	41.6	25.3	47.8	28.1
18	47.6	30.5	46.7	27.0	46.4	28.7	46.8	28.8
19	45.7	31.9	45.2	29.2	46.2	29.1	45.3	28.8
20	44.6	30.4	44.5	25.6	44.8	29.2	41.3	30.5
21	43.4	26.5	44.6	23.0	44.6	26.0	43.1	27.2
22	44.4	25.3	43.8	24.0	44.7	24.8	41.0	26.2
23	43.5	29.5	43.0	26.4	42.7	27.2	41.8	26.1
24	42.6	26.5	42.6	24.0	42.8	25.8	40.7	27.8
25	45.8	28.9	44.5	27.0	44.0	26.2	40.7	25.7
26	45.6	28.5	45.5	25.8	46.2	27.3	41.9	27.1
27	43.6	29.0	43.0	25.9	42.7	26.5	39.2	28.7
28	44.8	28.8	43.2	26.2	40.7	26.7	41.5	27.0
29	44.5	28.4	43.6	24.0	44.2	25.1	42.7	27.2
30	45.2	19.4	44.8	24.6	45.5	25.0	41.8	26.4
31	44.5	27.0	43.5	25.6	42.8	26.0	41.3	27.5
MEANS	43.8	27.8	43.5	24.9	42.9	26.0	41.5	27.3
DEPARTURE FROM NORMAL	****	****	-1.1	+1.2	+0.2	+0.5	+1.2	-0.1

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
NAJAF	50.4	14th	1964	19.4	30th	1965
DIWANIYA	49.5	4th	1945	16.5	12th	1956
NASIRIYA	49.5	19th	1962	20.0	15th	1952
BASRAH	50.5	26th	1951	22.2	15th	1952

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TABLE 5. MONTHLY MEAN DRY - BULB TEMPERATURES (C°)

TIME = G. M. T.

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	"	30.4	34.7	35.8	38.3	38.0	33.8	"	35.3
MOSUL	26.2	25.1	33.2	40.7	42.5	41.2	34.8	30.1	34.2
KIRKUK	29.6	28.7	36.4	41.0	42.7	41.1	34.8	32.1	35.8
KHANAQIN	"	26.4	37.0	41.5	43.0	41.4	35.7	"	37.5
RUTBAH	24.1	22.7	30.0	35.6	38.1	37.3	31.1	27.2	30.8
HABBANIYA	28.2	26.9	34.3	41.1	43.1	41.4	34.2	30.9	35.0
BAGHDAD	28.0	26.6	34.0	41.2	42.8	42.4	34.4	26.9	34.5
NUKHAIB	"	"	33.1	38.9	41.1	40.8	34.4	"	37.7
HAI	"	25.8	35.9	41.6	43.1	40.8	33.6	"	36.7
NAJAF	30.1	27.6	35.3	41.0	42.3	41.8	37.0	33.3	36.1
DIWANIYA	26.9	25.9	35.0	41.0	43.2	41.0	33.6	29.2	34.4
NASIRIYA	28.8	26.8	35.2	40.3	42.0	39.6	33.9	31.3	34.5
BASRAH	29.2	27.8	34.3	38.7	40.6	37.9	33.6	31.4	34.2

TABLE 6. MONTHLY MEAN VAPOUR PRESSURE (MILLIBARS)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	"	7.7	8.5	7.0	7.2	7.0	7.1	"	7.4
MOSUL	11.8	11.8	13.2	13.1	11.7	11.8	11.8	11.8	12.1
KIRKUK	8.1	8.8	9.0	8.5	7.7	6.8	8.6	8.4	8.2
KHANAQIN	"	8.4	10.7	10.5	10.7	10.1	10.3	"	10.1
RUTBAH	8.8	9.8	9.9	7.6	6.2	6.2	7.1	7.9	7.9
HABBANIYA	12.8	13.0	11.7	13.8	12.0	13.6	15.2	14.2	13.3
BAGHDAD	11.7	11.9	14.6	12.3	11.1	11.6	12.9	12.2	12.2
NUKHAIB	"	"	8.4	7.1	6.1	6.2	7.2	"	7.0
HAI	"	13.5	17.6	15.2	16.3	16.7	15.6	"	15.9
NAJAF	9.8	10.2	11.0	10.2	9.8	9.2	10.9	10.0	10.1
DIWANIYA	13.9	13.6	15.7	14.8	13.2	13.0	14.8	13.9	14.1
NASIRIYA	13.3	12.3	13.9	15.1	14.0	16.3	17.7	16.1	14.8
BASRAH	22.8	22.0	22.9	24.8	23.6	26.1	25.8	24.3	24.0

TABLE 7. MONTHLY MEAN WET-BULB TEMPERATURES (C°)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	"	16.6	18.0	18.7	19.3	19.1	17.7	"	18.3
MOSUL	16.9	16.4	20.1	22.6	22.6	22.3	20.1	16.2	19.9
KIRKUK	16.3	16.6	19.4	20.8	21.0	20.1	18.0	17.5	18.7
KHANAQIN	"	18.2	20.4	21.8	22.4	21.6	19.7	"	20.2
RUTBAH	14.5	14.4	17.5	16.6	18.7	18.4	16.5	15.2	16.5
HABBANIYA	17.6	17.7	21.4	23.1	23.1	23.0	29.7	19.5	21.9
BAGHDAD	17.2	17.1	20.8	22.4	22.5	22.2	20.3	18.8	20.2
NUKHAIB	"	"	18.1	19.4	19.8	19.7	17.7	"	18.9
HAI	"	17.2	21.9	23.3	20.4	23.0	20.4	"	21.0
NAJAF	17.4	16.9	19.3	21.6	22.2	21.6	20.2	18.7	19.8
DIWANIYA	17.5	17.6	21.8	23.3	23.3	22.7	20.8	19.1	20.8
NASIRIYA	18.6	17.2	20.5	23.3	23.4	23.6	22.2	20.7	21.2
BASRAH	22.8	22.0	24.4	26.4	26.5	26.6	25.3	24.1	24.2

TABLE 8. MONTHLY MEAN DEW-POINT (C°)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	"	2.6	4.3	1.3	1.9	1.8	1.6	"	2.2
MOSUL	9.1	9.1	10.8	10.8	9.0	9.1	9.0	9.1	9.5
KIRKUK	3.7	4.5	5.0	4.3	2.9	1.0	4.4	4.1	3.7
KHANAQIN	"	4.2	7.9	7.5	7.7	6.8	7.3	"	6.9
RUTBAH	4.9	6.5	6.7	2.8	0.1	-0.1	1.4	3.4	3.2
HABBANIYA	10.4	10.7	12.9	11.6	9.5	11.1	12.9	11.9	11.4
BAGHDAD	9.4	9.4	11.9	9.6	8.1	8.9	10.8	9.7	9.7
NUKHAIB	"	"	4.6	1.8	-0.4	-0.1	2.0	"	1.6
HAI	"	11.4	15.3	14.2	14.3	14.3	12.9	"	13.7
NAJAF	6.4	7.1	8.1	7.3	6.3	5.3	7.0	6.8	6.8
DIWANIYA	10.3	11.3	13.4	12.6	10.7	10.5	12.6	11.8	11.4
NASIRIYA	10.5	9.2	11.7	12.8	11.7	14.0	14.6	13.4	12.2
BASRAH	19.3	18.7	19.3	20.7	19.6	21.4	21.4	20.4	20.1

TABLE -9. المعدل الشهري للرطوبة النسبية (٪)

MONTHLY MEAN RELATIVE HUMIDITY (%)

TIME = G.M.T.

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	,,	19	17	12	11	10	13	,,	14
MOSUL	35	37	26	17	14	15	21	28	24
KIRKUK	20	22	15	11	9	9	16	18	15
KHANAQIN	,,	24	17	13	13	13	18	,,	16
RUTBAH	30	36	24	14	10	10	16	22	20
HABBANIYA	34	37	28	18	14	17	29	33	26
BAGHDAD	32	35	27	16	13	15	22	28	24
NUKHAIB	,,	,,	17	10	8	8	13	,,	11
HAI	,,	39	31	20	19	22	29	,,	27
NAJAF	23	26	20	13	11	15	17	20	18
DIWANIYA	36	41	28	19	15	17	30	35	28
NASIRIYA	33	34	28	20	18	23	34	35	28
BASRAH	57	59	43	37	32	40	50	53	46

TABLE 10. MONTHLY MEAN PRESSURE(MBS) AT M.S.L. معدل الضغط على سطح البحر

SINJAR	,,,,	00.1	99.9	99.3	98.2	98.5	99.4	,,,,	999.2
MOSUL	99.9	00.8	00.6	99.0	97.8	97.2	98.8	99.5	999.2
KIRKUK	99.4	99.9	99.3	98.4	97.2	96.8	98.7	99.4	998.6
KHANAQIN	,,,,	00.0	98.0	97.1	96.1	96.0	98.0	,,,,	997.5
RUTBAH	02.4	03.0	03.4	02.8	02.0	01.6	01.8	02.1	1002.4
HABBANIYA	99.3	99.9	00.6	00.1	98.9	98.4	00.4	99.2	999.6
BAGHDAD	98.4	99.3	99.8	99.6	98.4	97.8	98.7	98.4	998.6
NUKHAIB	,,,,	,,,,	02.6	01.5	00.5	99.7	00.9	,,,,	1001.0
HAI	,,,,	97.8	98.8	98.4	97.4	97.4	97.8	,,,,	997.9
NAJAF	98.7	99.3	03.3	99.9	98.9	98.0	98.8	98.9	999.4
DIWANIYA	98.8	99.5	00.2	00.1	98.9	98.8	99.2	99.2	999.3
NASIRIYA	98.0	98.5	99.3	00.3	94.8	97.6	98.4	98.4	998.2
BASRAH	97.9	98.3	99.3	99.1	98.1	97.4	98.3	98.3	998.3

TABLE-11. MONTHLY MEAN LOW CLOUD AMOUNTS(OKTAS) معدل كمية الغيوم الواطئة (الثمان)

SINJAR	,,	0.0	0.0	0.0	0.4	0.1	0.0	,,	0.1
MOSUL	0.1	0.2	0.2	0.4	0.6	0.7	0.5	0.2	0.4
KIRKUK	0.0	0.1	0.1	0.1	0.5	0.2	0.1	0.1	0.2
KHANAQIN	,,,	0.0	0.0	0.0	0.0	0.0	0.0	,,,	0.0
RUTBAH	0.0	0.0	0.0	0.0	0.1	0.1	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
BAGHDAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
NUKHAIB	,,,	,,,	0.0	0.0	0.1	0.1	0.0	,,,	0.0
HAI	,,,	0.0	0.0	0.0	0.0	0.0	0.0	,,,	0.0
NAJAF	0.0	0.0	0.0	0.3	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	1.5	1.5	0.5	0.0	0.0	0.5
BASRAH	0.0	0.0	0.0	0.3	0.3	0.5	0.0	0.0	0.1

TABLE 12. MONTHLY MEAN TOTAL CLOUD AMOUNTS (OKTAS) معدل كمية الغيوم (الثمان)

SINJAR	,,,	0.5	0.2	0.2	0.7	0.2	0.2	,,,	0.3
MOSUL	0.1	0.2	0.3	0.6	0.8	0.9	0.6	0.3	0.5
KIRKUK	0.0	0.1	0.1	0.2	0.6	0.3	0.1	0.1	0.2
KHANAQIN	,,,	0.1	0.1	0.2	0.2	0.0	0.1	,,,	0.1
RUTBAH	0.0	0.0	0.1	0.0	0.1	0.1	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
BAGHDAD	0.1	0.2	0.1	0.1	0.0	0.0	0.1	0.0	0.1
NUKHAIB	,,,	,,,	0.0	0.0	0.1	0.2	0.1	,,,	0.1
HAI	,,,	0.3	0.2	0.1	0.0	0.0	0.0	,,,	0.1
NAJAF	0.0	0.0	0.0	0.3	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	0.2	0.5	1.5	1.6	0.5	0.0	0.0	0.5
BASRAH	0.0	0.0	0.1	0.3	0.4	0.5	0.0	0.1	0.2

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TABLE 13-a.

عدد تكرار رصدات الرياح السطحية

SURFACE - WIND , NUMBER OF OBSERVATIONS OF:

المحطة STATIONS	وقت الرصد TIME GMT.	الاتجاه DIRECTION N	NE	E	SE	S	SW	W	NW	بدون CALM	السرعة بالعقد SPEED IN KNOTS 1-10	11-21	22-33	34+	معدل السرعة MEAN V.K.
سنجار SINJAR	0300	16	0	1	0	0	0	4	8	2	21	4	4	0	6
	0600	3	0	6	0	0	1	8	4	5	20	3	2	0	6
	0900	3	0	5	2	4	1	11	3	2	20	9	0	0	6
	1200	4	0	4	1	6	2	9	3	2	17	11	1	0	6
	1500	2	0	1	0	1	4	14	4	5	19	5	2	0	5
	1800	5	0	1	0	1	0	7	8	9	18	4	0	0	6
	TOTAL	33	0	18	3	15	8	53	30	26	115	36	9	0	6
موصل MOSUL	0000	4	0	1	1	5	0	5	6	9	20	2	0	0	5
	0300	5	0	1	2	0	0	8	8	7	24	0	0	0	5
	0600	10	1	5	1	2	0	0	10	2	27	2	0	0	7
	0900	10	4	5	1	0	0	4	3	1	25	5	0	0	7
	1200	5	6	3	0	4	3	9	2	0	28	3	0	0	7
	1500	2	2	4	1	3	5	14	1	2	25	4	0	0	6
	1800	1	0	1	0	1	0	21	1	6	20	5	0	0	6
	2100	0	1	0	1	5	0	13	5	6	24	1	0	0	5
	TOTAL	37	14	22	6	25	1	74	36	33	193	22	0	0	6
كركوك KIRKUK	0000	1	5	1	0	0	0	3	0	21	10	0	0	0	4
	0300	3	5	2	0	0	0	0	0	21	10	0	0	0	4
	0600	0	3	0	1	0	2	1	1	23	6	2	0	0	5
	0900	0	0	1	1	2	4	11	1	11	19	1	0	0	6
	1200	0	2	1	1	0	2	20	1	5	24	2	0	0	6
	1500	1	1	0	0	3	2	18	0	6	23	2	0	0	6
	1800	0	0	0	0	0	0	6	0	25	6	0	0	0	4
	2100	1	3	1	0	0	0	4	0	22	8	1	0	0	5
	TOTAL	6	19	5	3	7	8	63	3	124	106	8	0	0	5
خانقين KHANAQIN	0300	0	0	15	3	1	0	0	0	12	19	0	0	0	4
	0600	3	0	4	1	3	0	4	4	12	17	2	0	0	5
	0900	6	0	1	0	5	1	9	7	2	25	4	0	0	6
	1200	0	0	0	0	3	0	19	1	0	29	1	0	0	5
	1500	0	0	0	0	2	1	17	10	1	28	2	0	0	5
	1800	0	0	0	0	3	2	13	3	10	21	0	0	0	4
	TOTAL	9	0	20	4	17	4	62	33	37	139	9	1	0	5
رطبة RUTBAH	0000	0	0	0	0	0	0	11	16	4	12	14	1	0	6
	0300	0	0	0	0	0	0	13	14	4	18	8	1	0	6
	0600	0	0	0	0	0	0	9	13	3	17	11	0	0	6
	0900	5	0	2	0	2	0	13	9	0	21	10	0	0	6
	1200	1	0	0	0	1	3	18	8	0	19	12	0	0	6
	1500	3	0	0	0	0	1	18	9	0	29	2	0	0	5
	1800	5	0	0	0	0	0	10	12	4	25	2	0	0	5
	2100	3	0	1	0	0	0	3	19	5	16	9	1	0	6
	TOTAL	23	0	3	0	3	4	95	100	20	157	68	3	0	6

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TABLE 13b.

عدد تكرار رصدات الرياح السطحية

SURFACE - WIND NUMBER OF OBSERVATIONS OF:

المحطة STATIONS	وقت الرصد TIME GMT.	DIRECTIONS الاتجاه N	NE	E	SE	S	SW	W	NW	ساكن CALM	SPEED IN KNOTS السرعة بالعقد 1-10	11-21	22-33	34	TOTAL
حبانية HABBANIYA	0000	0	0	0	0	0	0	19	4	8	17	6	0	0	6
	0300	0	0	1	0	0	0	22	6	2	24	5	0	0	8
	0600	0	1	0	0	0	0	19	11	0	13	18	0	0	12
	0900	1	1	0	0	1	0	15	13	0	12	18	1	0	14
	1200	1	1	0	0	3	1	15	11	0	10	21	0	0	13
	1500	0	0	0	1	1	2	16	9	2	20	9	0	0	8
	1800	3	0	0	1	1	0	9	3	4	14	3	0	0	5
	2100	0	0	0	0	1	0	12	2	6	11	4	0	0	5
	TOTAL	5	2	1	2	7	3	127	59	42	121	84	1	0	9
بغداد BAGHDAD	0000	4	0	0	3	0	0	3	14	7	20	4	0	0	6
	0300	1	0	0	1	0	0	2	21	7	19	5	0	0	7
	0600	1	0	0	1	0	0	4	25	0	14	17	0	0	11
	0900	4	0	0	1	0	1	3	21	0	13	15	0	0	13
	1200	3	0	0	0	0	1	4	13	0	7	22	0	0	14
	1500	0	1	0	2	0	0	5	11	1	7	15	2	0	11
	1800	0	0	0	2	0	0	8	9	1	12	6	0	0	6
	2100	3	0	0	1	0	0	3	15	9	16	6	0	0	5
	TOTAL	16	1	0	10	1	1	49	123	32	123	88	3	0	8
نخيب NUKHAIB	0600	25	1	0	0	0	0	0	4	1	9	20	1	0	1
	0900	17	2	0	1	0	1	3	4	3	16	11	1	0	9
	1200	12	1	0	1	0	1	5	7	5	16	10	0	0	8
	1500	8	0	0	0	1	0	8	3	7	26	4	0	0	7
	1800	9	4	1	1	0	1	1	7	7	24	0	0	0	4
	TOTAL	81	8	1	2	1	3	17	25	17	91	45	2	0	8
حي HAI	0300	2	0	0	0	0	0	0	9	2	8	19	3	1	8
	0600	0	0	1	1	0	0	0	9	4	6	18	6	1	7
	0900	1	0	1	1	0	0	0	8	2	7	10	12	2	9
	1200	3	0	0	3	1	0	0	7	3	5	12	12	2	9
	1500	2	0	1	1	0	0	0	3	0	4	18	8	2	7
	1800	1	0	0	0	1	0	0	9	1	9	18	4	0	5
	TOTAL	9	0	3	6	2	0	55	72	39	95	45	6	0	8
نجف NAJAF	0000	15	0	0	0	1	1	8	6	0	23	7	1	0	9
	0300	17	0	0	0	1	0	6	8	0	26	4	1	0	8
	0600	22	0	0	0	0	0	2	6	1	20	9	1	0	10
	0900	23	0	1	0	0	0	1	6	1	16	14	1	0	12
	1200	18	1	0	0	1	1	1	9	0	18	11	2	0	11
	1500	18	3	1	0	0	1	3	5	0	18	11	2	0	11
	1800	15	0	1	0	0	1	3	7	3	25	3	0	0	6
	2100	14	1	1	0	1	1	6	6	1	28	1	1	0	6
	TOTAL	142	5	4	0	3	7	29	53	5	174	60	9	0	9

TABLE 13c. عدد تكرار رصدات الرياح السطحية
SURFACE - WIND, NUMBER OF OBSERVATIONS OF:

المحطة STATIONS	وقت كرينتش TIME GMT.	DIRECTIONS الاتجاه N	NE	E	SE	S	SW	W	NW	CA-LM ريح ساكن	SPEED IN KNOTS السرعة بالعقد 1-10	11-21	22-33	34	معدل السرعة بالعقد MEAN V.K.
ديوانية DIWANIYA	0000	4	0	0	0	1	0	15	6	5	19	7	0	0	6
	0300	7	1	0	0	0	0	15	3	5	22	4	0	0	6
	0600	4	0	0	0	0	0	8	8	1	15	15	0	0	10
	0900	2	0	1	0	0	1	8	8	1	12	17	1	0	10
	1200	0	0	1	0	0	0	15	5	0	13	16	2	0	12
	1500	8	1	0	0	0	0	11	10	1	21	9	0	0	8
	1800	5	1	0	0	1	0	12	4	8	21	2	0	0	5
	2100	8	1	0	0	1	1	9	4	7	21	3	0	0	5
	TOTAL	38	4	2	0	3	2	92	48	28	144	73	3	0	7
ناصرية NASIRIYA	0000	0	3	0	0	0	4	10	14	0	28	3	0	0	6
	0300	0	0	0	1	0	2	13	11	4	26	1	0	0	5
	0600	0	0	0	0	1	1	8	21	0	25	6	0	0	8
	0900	2	0	0	1	0	0	2	26	0	20	11	0	0	10
	1200	1	0	1	0	0	0	1	28	0	19	12	0	0	10
	1500	1	0	0	2	0	0	1	21	0	28	3	0	0	8
	1800	0	0	2	0	0	1	0	21	3	27	1	0	0	6
	2100	1	2	0	1	0	2	6	17	2	28	1	0	0	6
	TOTAL	5	5	3	5	1	10	51	159	9	201	38	0	0	7
بصرة BASRAH	0000	2	1	0	0	1	0	8	19	0	27	4	0	0	6
	0300	0	1	0	0	2	1	11	17	0	29	2	0	0	6
	0600	1	1	0	0	1	1	5	22	0	25	6	0	0	6
	0900	0	1	0	0	1	0	2	28	0	21	10	0	0	8
	1200	8	0	0	0	1	1	0	20	0	20	11	0	0	9
	1500	6	0	0	0	1	1	0	21	0	25	6	0	0	7
	1800	2	1	1	0	1	2	2	18	2	22	7	0	0	6
	2100	1	0	0	0	2	2	5	19	2	24	5	0	0	7
	TOTAL	20	3	1	1	8	6	38	164	4	193	51	0	0	7

TABLE 14. HIGHEST WIND-SPEED, DURING ONE HOUR. اعلى سرعة ريح حدثت خلال ساعة

STATIONS	HIGHEST WIND-SPEED DURING ONE HOUR (V.K.)		DIRECTION	TIME GMT.	DAY
SINJAR	28	Knots	330	1200	15th
MOSUL	20		340	0600	15th
KIRKUK	16		130	0600	13th
KHANAQIN	23		270	1200	15th
RUTBAH	25		280	2100	11th
HABBANIYA	22		300	0900	16th
BAGHDAD	25		330	1200	15th
NUKHAIB	28		360	0900	17th
HAI	28		330	1200	15th
NAJAF	30		340	0900	16th
DIWANIYA	23		310	0900	15th
NASIRIYA	17		310	0000	16th
BASRAH	18		310	0000	15th

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TABLE 15 a

DAILY PRECIPITATION (MILLIMETERS), TR < 0.05mm

الايام	سنجار	موصل	كركوك	خانقين	رطبة	حبانية	بغداد
DAYS	SINJAR	MOSUL	KIRKUK	KHANAQIN	RUTBAH	HABBANIYA	BAGHDAD
1							
2							
3							
4							
5		0.6					
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		0.6					
NORMAL		2.1	+	2.6			

STATIONS	HIGHEST AMOUNT OF RAIN DURING ADAY		DAY	YEAR
MOSUL	2.3	mm.	8th	1943
KIRKUK	0.3		11th	1947
KHANAQIN	9.1		10th	1938
RUTBAH	tr.		9th	1950
HABBANIYA	tr.		3rd	1954
BAGHDAD	tr.		9th	1950

JULY 1965.

TABLE 15 b

DAILY PRECIPITATION (MILLIMETERS). TR < 0.05 mm

الايام	نخيب	حي	نجف	ديوانية	ناصرية	بصرة
DAYS	NUKHAIB	HAI	NAJAF	DIWANIYA	NASIRIYA	BASRAH
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				0.2		

STATIONS	HIGHEST AMOUNT OF RAIN DURING A DAY		DAY	YEAR
DIWANIYA	3.7	mm.	30th	1945
NASIRIYA	tr.		30th	1954
BASRAH	3.2		30th	1945

JULY 1965. TABLE 16.

القراءات اليومية لحرارة العشب الدنيا (صفراء) والتبخر (ملليمترات) (16) تموز ١٩٦٥

DAILY GRASS MINIMUM TEMPERATURES C°. AND. SOIL TEMPERATURES C° OF 0.3 & 1.2 METERS and EVAPORATION (MILLIMETRES)

	MOSUL	KIRKUK			HABBANIYA			BAGHDAD			NAJAF		NASIRIYA			BASRAH	BAGHDAD
DAYS	0.3M	GRASS	0.3M	1.2M	GRASS	0.3M	1.2M	GRASS	0.3M	1.2M	0.3M	1.2M	GRASS	0.3M	1.2M	GRASS	EVAPORATION
1	30.0	21.2	31.1	27.3	23.4	35.9	31.0	21.2	33.8	29.0	34.6	34.0	24.2	36.4	31.0	25.4	21.0
2	30.4	21.0	31.6	27.3	23.9	36.0	31.3	20.1	34.0	29.0	34.9	34.2	25.1	35.6	31.0	21.2	21.0
3	30.8	20.0	32.1	27.6	26.1	36.1	31.4	20.0	34.0	29.2	35.3	34.4	23.0	35.8	31.0	18.3	17.0
4	30.4	21.0	31.9	27.8	25.6	36.2	31.6	17.4	34.0	29.1	35.1	34.8	26.1	36.5	31.0	19.7	15.0
5	30.4	22.0	31.6	27.6	23.8	36.5	31.7	19.0	34.2	29.4	35.7	34.3	26.6	37.2	31.0	19.0	15.0
6	31.2	20.1	31.6	27.9	25.4	36.7	31.7	20.2	34.4	29.3	35.8	34.6	24.8	37.8	31.6	19.9	16.0
7	31.0	22.7	31.7	28.1	24.5	36.9	31.7	17.5	34.4	29.5	36.2	34.6	19.2	38.9	31.1	21.7	15.0
8	31.4	23.4	31.9	28.7	25.0	36.9	31.7	20.1	34.7	29.0	X	34.8	26.3	38.2	31.1	20.3	16.0
9	31.8	20.0	32.1	28.3	24.9	37.1	31.7	20.6	34.8	29.5	X	34.7	25.8	37.7	31.3	20.1	12.0
10	32.0	23.0	32.2	28.3	24.6	37.1	31.9	16.5	34.6	29.6	X	35.0	24.9	36.9	31.3	19.8	18.0
11	32.0	20.1	31.8	28.4	26.6	36.7	31.7	21.0	34.0	29.6	X	34.1	24.8	36.6	31.5	19.4	14.0
12	32.2	19.5	31.8	28.6	24.5	36.7	32.2	17.7	34.0	29.8	X	34.4	22.2	36.8	31.6	19.0	13.0
13	32.3	26.6	32.1	28.6	25.4	36.7	32.2	18.9	34.0	30.2	36.0	34.2	21.4	36.7	31.8	18.7	16.0
14	32.5	19.1	31.7	28.8	25.6	36.6	32.2	18.0	34.0	30.0	35.8	34.1	22.5	36.5	31.6	18.6	13.0
15	32.8	21.0	31.5	28.8	23.9	36.5	32.2	21.0	34.0	30.0	36.0	35.0	24.9	36.1	31.7	23.6	16.0
16	33.1	25.0	31.5	28.9	18.4	36.1	32.2	26.7	34.0	29.8	35.4	34.0	25.5	34.6	31.7	25.0	18.0
17	33.0	26.3	32.3	28.9	26.4	36.7	32.2	24.5	34.9	30.0	36.3	34.0	25.1	34.4	31.7	22.3	17.0
18	33.3	29.1	32.9	28.9	27.6	37.1	32.2	20.5	34.6	30.0	37.0	35.0	26.8	35.9	31.6	20.7	15.0
19	33.4	21.5	31.1	28.9	25.7	37.5	32.4	22.9	34.8	30.0	35.2	34.0	26.8	37.0	31.7	21.0	13.0
20	33.3	22.1	32.0	29.0	26.1	37.2	32.5	20.2	34.5	30.0	36.4	34.5	27.1	37.6	31.7	22.4	15.0
21	33.2	22.5	29.3	29.3	26.1	37.2	32.4	17.6	34.0	30.1	37.2	35.0	24.4	37.3	31.6	18.5	12.0
22	33.4	22.4	28.6	29.1	25.2	37.1	32.6	16.7	33.8	30.2	35.8	34.6	23.4	37.3	31.5	17.7	12.0
23	33.4	19.4	27.8	29.2	26.1	37.1	32.7	21.2	34.0	30.2	37.2	35.5	26.0	37.5	31.8	18.2	15.0
24	33.3	20.6	27.8	29.0	23.2	37.1	32.7	16.2	34.1	30.4	36.2	35.0	23.7	36.8	31.9	21.4	17.0
25	33.6	18.8	27.2	28.8	23.6	36.9	32.8	16.0	34.0	30.2	37.0	35.6	25.2	36.6	32.0	19.5	18.0
26	33.6	21.3	27.8	28.8	24.2	37.0	32.9	22.5	34.6	30.5	37.5	36.2	26.0	36.7	32.0	19.5	13.0
27	33.4	20.6	28.9	28.8	24.9	37.4	32.8	19.0	34.5	30.5	37.2	35.6	25.2	37.0	32.1	24.0	17.0
28	33.3	20.7	28.9	28.6	26.1	37.2	32.8	20.1	34.0	30.5	36.8	35.7	25.9	36.5	32.1	21.2	19.0
29	33.2	20.0	30.3	28.4	26.1	37.4	32.9	17.2	33.7	30.5	36.7	35.6	23.7	35.7	32.1	22.0	15.0
30	33.2	20.9	29.4	28.6	26.3	37.6	32.9	18.3	34.0	30.5	37.0	35.5	23.7	36.0	32.1	18.5	12.0
31	32.8	21.5	30.4	28.6	25.5	37.7	32.9	19.1	33.9	30.4	36.7	35.6	25.2	36.2	32.0	19.6	18.0
MEANS	32.4	21.7	30.7	28.5	25.0	37.2	32.2	19.6	34.2	29.9	36.2	33.7	24.7	36.7	31.6	20.5	15.6

GRASS

JULY 1965 .

TABLE - 17 .

CLIMATOLOGICAL SUMMARY الملخصات المناخيـــــــة

NUMBER OF DAYS FOR THE CASES OF PHENOMENA : عدد الايام التي حدثت فيها الظواهر الجويـــــة

STATIONS	RAIN	SNOW	HAIL	THUNDER STORM	FOG	MIST	HAZE	RISING DUST	SUSPENDED DUST	DUST STORM	GROUND FROST	STATE OF SKY CLEAR	STATE OF SKY CLOUDY
SINJAR	0	0	0	0	0	0	9	8	11	0	0	29	0
MOSUL	1	0	0	0	0	0	0	2	6	0	0	28	0
KIRKUK	0	0	0	0	0	0	0	2	1	0	0	31	0
KHANAQIN	0	0	0	0	0	0	0	0	0	0	0	30	0
RUTBAH	0	0	0	0	0	0	0	0	0	0	0	31	0
HABBANIYA	0	0	0	0	0	0	0	4	0	0	0	31	0
BAGHDAD	0	0	0	0	0	0	17	8	2	0	0	31	0
NUKHAIB	0	0	0	0	0	0	0	10	0	3	0	30	0
HAI	0	0	0	0	0	0	0	6	0	0	0	31	0
NAJAF	0	0	0	0	0	0	0	5	1	2	0	31	0
DIWANIYA	0	0	0	0	0	0	1	3	2	0	0	31	0
NASIRIYA	0	0	0	0	0	0	0	5	23	1	0	26	0
BASRAH	0	0	0	0	0	0	3	7	14	1	0	30	0

TABLE - 18.

DURATION OF SUNSHINE : مدة سطوع الشمـــــــــــــــــس

STATIONS	MONTHLY TOTAL SUNSHINE HOURS	MAX. SUNSHINE DURING ONE DAY HOURS	MAX. SUNSHINE DURING ONE DAY DAY	NO. OF DAYS WITHOUT SUNSHINE
MOSUL	398.1	13.6	27th	0
HABBANIYA	″″″″	″″″	″″″	″
BAGHDAD	393.6	13.4	8th	0
BASRAH	350.3	13.0	5th	0

الجمهورية العراقيـــــة

وزارة المواصلات

مديرية الطيران المدني العامـــة

مقتشية الارواء الجوية العامـــة

شعبة المناخ

بغداد

معلومات مناخية لشهر آب ١٩٦٥

مجلد ٢٨، عدد (٨) آب ١٩٦٥

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

MONTHLY CLIMATOLOGICAL DATA FOR AUGUST

1 9 6 5

VOLUME 28, No. (8) A U G U S T 1965 .

اعداد و تنظيم و طبع و توزيع من قبل شعبة المنـــــــــاخ

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BY CLIMATOLOGICAL SECTION

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TABLE 1 - 8

(1)

آب ١٩٦٥

المعدل اليومي لدرجات الحرارة (سنتغراد)

DAILY MEAN TEMPERATUTRES (C°) OF 8 OBSERVATIONS

الأيام	سنجار	موصل	كركوك	رطبة	حبانية	بغداد
DAYS	SINJAR	MOSUL	KIRKUK	RUTBAH	HABBANIYA	BAGHDAD
1	34.5	34.5	35.2	30.4	34.7	35.2
2	33.8	32.9	34.2	29.7	34.2	35.1
3	35.1	32.8	34.2	31.2	34.5	33.7
4	37.6	34.5	36.3	32.9	36.5	35.1
5	37.6	37.1	37.4	32.0	36.5	35.0
6	34.9	35.8	37.3	31.7	35.2	34.8
7	34.7	34.8	35.6	32.2	34.8	34.7
8	36.1	35.4	36.4	32.1	35.7	36.9
9	35.7	35.8	36.6	32.7	35.5	35.5
10	35.7	35.0	36.7	33.2	36.4	36.1
11	36.1	34.8	37.1	34.8	36.1	35.8
12	37.1	36.9	38.8	33.3	36.8	36.7
13	37.7	37.7	38.1	32.8	36.4	36.9
14	38.3	36.2	38.3	34.5	36.5	37.0
15	38.3	36.0	39.3	36.0	36.8	38.5
16	39.1	36.3	39.6	37.7	37.8	37.6
17	39.6	37.3	38.4	35.9	38.9	38.6
18	38.4	35.8	38.9	36.8	38.4	39.2
19	38.5	35.8	39.6	37.1	38.0	38.8
20	39.7	36.5	39.7	36.7	38.7	38.6
21	39.3	36.9	39.6	35.4	38.2	38.3
22	38.9	37.2	38.5	35.9	37.8	39.0
23	35.6	36.0	37.3	32.1	36.7	37.4
24	30.7	31.1	33.6	28.5	33.2	34.5
25	33.8	32.3	33.4	30.6	34.9	37.2
26	33.6	34.5	35.8	29.8	34.9	37.5
27	33.1	33.4	34.2	30.3	33.0	34.6
28	34.4	33.1	34.5	29.9	33.4	35.1
29	33.4	34.1	34.6	29.4	34.8	35.7
30	29.9	32.4	33.4	26.4	32.2	33.1
31	38.3	29.9	30.6	26.4	31.0	31.9
MEANS	35.8	34.9	36.6	32.5	35.8	36.2
DEPARTURE FROM NORMAL	....	+2.2	+1.8	+2.4	+0.9	+1.7

NOTES: AT SINJAR OBSERVATIONS 0000 & 2100 GMT ARE MISSED.

T I M E - G.M.T.

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

AUGUST 1965 — آب ١٩٦٥

TABLE — جدول

المعدل اليومي لدرجات الحرارة (سنتيغراد)

DAILY MEAN TEMPERATURES (C°) OF 8 OBSERVATIONS

الأيام DAYS	نخيب NUKHAIB	حي HAI	نجف NAJAF	ديوانية DIWANIYA	بصرية BASRIYA	بصرة BASRAH
1	38.2	34.7	33.2	34.1	34.7	34.7
2	38.0	34.8	33.2	34.6	35.2	34.2
3	38.0	34.1	34.0	34.0	35.0	33.9
4	38.8	34.9	34.1	34.6	35.7	34.3
5	38.0	34.6	34.8	35.1	35.5	34.2
6	37.1	34.7	34.0	34.6	35.4	34.8
7	36.0	34.7	34.0	34.5	35.2	34.0
8	38.7	34.4	34.7	34.8	35.6	34.3
9	38.7	34.9	34.3	34.7	35.8	34.2
10	41.4	34.1	34.1	35.7	35.8	34.3
11	40.9	34.9	34.2	35.3	36.5	34.9
12	42.6	35.9	34.3	36.1	36.8	35.2
13	39.8	36.0	34.9	37.1	37.1	36.0
14	42.6	36.6	40.0	37.3	38.0	36.8
15	42.7	37.7	40.0	36.5	38.0	37.8
16	43.5	38.9	39.6	37.3	37.7	37.0
17	42.2	39.0	38.9	36.8	37.0	36.6
18	41.8	37.7	40.1	38.4	37.7	36.4
19	42.0	36.8	38.7	37.4	37.4	36.1
20	42.4	38.3	39.8	37.6	37.1	35.9
21	42.4	38.0	39.9	37.1	38.0	35.3
22	41.8	38.3	40.7	37.4	37.5	36.7
23	38.9	39.0	38.5	36.6	36.8	36.4
24	35.9	36.1	36.6	36.3	36.5	35.0
25	38.1	35.8	37.2	36.8	36.8	35.2
26	37.5	37.9	37.4	34.8	37.2	36.6
27	37.3	36.7	36.6	35.6	36.9	35.2
28	37.8	37.1	36.4	36.1	36.4	35.8
29	38.0	36.9	37.1	35.1	36.6	35.1
30	33.8	36.9	35.0	33.8	35.6	34.4
31	33.2	35.7	33.4	33.0	34.5	33.5
MEANS	39.4	37.4	37.6	35.9	36.5	35.3
DEPARTURE FROM NORMAL	....	+2.0	....	+2.4	+2.3	+1.9

NOTES: AT NUKHAIB OBSERVATIONS 0000, 0300, & 2100 GMT. ARE MISSED
at HAI OBSERVATIONS 0000 & 2100 GMT. ARE MISSED

AUGUST 1965.
TABLE 2 -a.

المعدل اليومي للضغط الجوي على سطح البحر (ملليبارات)

DAILY MEAN PRESSURE (MILLIBARS) AT M.S.L. OF 8 OBSERVATIONS

الأيام	سنجار	موصل	كركوك	رطبة	حبانية	بغداد
DAYS	SINJAR	MOSUL	KIRKUK	RUTBAH	HABBANIYA	BAGHDAD
1	999.9	999.9	999.1	1001.8	999.4	998.8
2	1000.0	999.2	99.8	02.4	1000.2	99.9
3	00.5	00.1	1000.2	03.1	01.3	1004.1
4	00.2	00.4	99.8	03.2	00.5	00.0
5	98.3	98.0	97.5	02.0	99.2	98.6
6	99.4	99.3	99.0	01.4	99.8	99.3
7	00.6	00.7	00.4	02.3	00.9	00.6
8	02.9	03.1	01.8	04.4	02.1	01.4
9	03.5	04.8	03.1	05.3	02.8	02.3
10	03.6	04.2	03.1	04.8	02.9	02.6
11	03.5	03.3	02.1	02.8	02.0	01.6
12	01.7	02.9	01.8	03.3	01.8	01.7
13	04.4	04.0	03.7	05.1	03.4	03.5
14	03.3	04.7	04.1	04.8	03.8	03.7
15	03.9	03.8	02.8	03.4	02.5	02.2
16	02.0	00.7	00.7	02.4	00.7	00.3
17	01.7	00.6	00.6	02.5	00.5	00.6
18	04.0	04.1	02.9	03.7	02.4	02.2
19	04.0	04.7	03.5	04.0	03.0	02.9
20	04.9	05.4	04.1	04.8	03.5	03.3
21	03.6	03.8	02.5	04.1	02.1	01.5
22	02.2	02.2	01.4	03.8	01.1	00.5
23	02.0	01.8	00.8	04.4	01.4	00.5
24	02.5	02.4	02.2	04.1	02.4	01.9
25	02.2	02.9	02.7	02.3	01.3	01.6
26	01.9	01.6	00.7	03.9	01.7	01.6
27	05.5	05.5	04.9	05.5	04.9	04.8
28	04.6	04.9	04.2	05.3	03.7	03.6
29	02.9	03.1	02.4	04.7	02.1	01.8
30	04.0	03.3	02.5	06.9	03.0	02.3
31	08.7	08.3	07.9	06.8	07.8	07.4
MEANS	1002.7	1002.7	1002.0	1003.8	1002.1	1001.7
DEPARTURE FROM NORMAL	####	+2.0	+1.7	-0.1	+1.0	+1.5

STATION	HIGHEST	DAY	TIME	YEAR	LOWEST	DAY	TIME	YEAR
SINJAR	1010.5	31st	1800	1965	997.2	5th	1500	1965
MOSUL	1010.6	31st	2100	1965	995.7	5th	1500	1965
KIRKUK	1009.9	31st	2100	1965	995.3	5th	1500	1965
RUTBAH	1010.7	31st	0600	1965	1000.5	1st	1500	1965
HABBANIYA	1009.5	31st	2100	1965	997.9	5th	1500	1965
BAGHDAD	1008.8	31st	18&21	1965	997.3	5th	1500	1965
SINJAR	1010.5	31st	1800	1965	991.5	17th	1500	1964
MOSUL	1010.7	26th	0600	1962	990.9	17th	1500	1964
KIRKUK	1009.9	31st	2100	1965	990.1	13th	1500	1952
RUTBAH	1013.7	3rd	0300	1953	992.0	2nd	0000	1961
BAGHDAD	1008.8	31st	18&21	1965	992.7	3rd	1500	1954

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TABLE 2- b . المعدل اليومي للضغط الجوي على سطح البحـــر (ملليبارات)

DAILY MEAN PRESSURE (MILLIBARS) AT M.S.L. OF 8 OBSERVATIONS

الأيام	نخيب	حي	نجف	ديوانية	ناصرية	بصرة
DAYS	NUKHAIB	HAI	NAJAF	DIWANIYA	NASIRIYA	BASRAH
1	1000.5	996.7	998.5	998.9	997.3	996.8
2	1001.3	97.9	99.7	99.8	98.5	97.9
3	1001.6	00.2	00.9	01.4	00.4	00.1
4	1002.2	99.6	00.4	00.7	00.0	00.1
5	1000.7	97.5	99.0	99.2	98.1	97.8
6	1000.9	98.3	99.4	99.7	98.3	98.3
7	1002.4	99.3	00.3	00.7	99.6	99.0
8	1003.2	99.6	01.5	01.5	00.3	99.9
9	1003.9	00.3	02.2	02.3	01.2	01.7
10	1004.2	00.8	02.2	02.5	01.3	01.6
11	1003.3	99.8	01.5	01.4	99.9	99.8
12	1002.2	01.4	01.3	01.7	01.1	02.0
13	1003.9	03.4	02.7	03.3	03.3	03.8
14	1003.7	03.8	03.5	03.5	03.1	04.3
15	1003.1	01.7	01.8	02.0	01.3	02.1
16	1000.4	00.0	99.7	00.1	99.7	00.3
17	1001.2	99.5	00.1	00.3	99.9	00.4
18	1003.2	01.4	01.7	01.9	01.6	02.4
19	1003.4	01.8	02.0	02.2	01.8	02.8
20	1003.6	03.0	02.9	03.2	02.8	03.5
21	1002.6	00.5	01.0	01.2	00.4	00.7
22	1001.8	98.2	99.6	99.8	98.2	98.4
23	1002.9	97.9	00.2	99.9	98.0	98.0
24	1003.4	99.9	01.7	01.6	99.6	99.3
25	1001.9	01.3	01.0	01.5	01.8	01.4
26	1002.6	01.6	01.3	01.7	01.4	01.9
27	1004.6	03.6	04.2	04.1	03.1	02.9
28	1003.9	02.1	02.9	03.2	02.2	01.8
29	1003.1	00.6	00.9	01.4	00.3	99.9
30	1004.9	00.2	02.1	02.0	00.8	00.5
31	1008.8	04.6	06.6	06.7	04.9	04.0
MEANS	1002.9	1000.5	1001.4	1001.6	1000.7	1000.8
DEPARTURE FROM NORMAL	....	+1.2	....	+2.0	+1.3	+1.8

STATIONS	HIGHEST	DAY	TIME	YEAR	LOWEST	DAY	TIME	YEAR	
NUKHAIB	1009.7	31st	0600	1965	998.2	25th	1500	1965	1965
HAI	1005.5	31st	1800	1965	996.0	1st	1200	1965	
NAJAF	1007.9	31st	2100	1965	997.7	1&2nd	0000	1965	
DIWANIYA	1008.3	31st	2100	1965	997.8	5th	1500	1965	
NASIRIYA	1007.1	31st	2100	1965	996.6	1st	1500	1965	
BASRAH	1006.5	14th	0600	1965	996.2	1&5th	1500	1965	
NUKHAIB	1009.7	31st	0600	1965	995.4	17th	1500	1964	RECORD
HAI	1008.4	30th	0600	1953	992.2	13th	1500	1964	
NAJAF	1007.9	31st	2100	1965	993.2	12th	1500	1963	
DIWANIYA	1009.0	30th	0600	1953	991.8	3rd	1500	1954	
NASIRIYA	1008.1	31st	0600	1953	992.1	3rd	2100	1954	
BASRAH	1007.5	31st	0600	1953	992.4	3rd	1500	1954	

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TABLE 3.

آب ١٩٦٥
المعدل اليومي للرطوبة النسبية (٪)

DAILY MEAN RELATIVE HUMIDITY (%) OF 8 OBSERVATIONS

DAYS / الأيام	SIN-JAR / سنجار	MO-SUL / الموصل	KER-KUK / كركوك	KUT-BAH / رطبة	HABB-ANIYA / حبانية	BAG-HDAD / بغداد	NUKH-AIB / نخيب	HAI / هي	NA-JAF / النجف	DIWA-NIYA / الديوانية	NASI-RIYA / الناصرية	BAS-RAH / البصرة
1	11	27	14	18	30	19	11	22	17	26	25	40
2	16	31	18	27	29	23	11	24	18	28	26	43
3	13	28	20	21	30	30	9	26	21	31	28	45
4	11	24	19	17	23	38	11	27	18	27	26	45
5	15	24	17	17	25	39	13	28	19	29	25	44
6	19	26	20	15	32	31	12	27	18	30	25	42
7	17	32	18	17	34	24	12	25	19	27	28	53
8	20	31	20	20	27	17	11	26	20	27	33	58
9	21	28	22	18	31	23	13	29	17	29	26	43
10	21	29	20	17	29	23	13	29	18	27	27	46
11	19	31	21	13	30	25	9	29	18	24	25	44
12	19	32	17	22	31	27	9	34	20	32	26	52
13	17	29	15	22	32	28	10	43	19	32	34	69
14	15	21	13	16	30	29	10	42	19	30	37	68
15	18	26	15	16	31	22	8	33	18	30	35	45
16	19	26	14	19	28	28	9	31	15	27	35	39
17	16	22	15	18	27	23	10	29	18	32	33	30
18	16	22	15	15	31	21	14	32	17	24	22	42
19	13	29	15	14	34	25	10	34	19	29	26	44
20	11	24	15	14	31	24	9	32	21	29	34	66
21	13	24	15	14	29	18	10	31	17	28	29	56
22	8	16	15	18	28	18	10	29	17	24	25	44
23	12	18	15	20	30	20	11	26	17	23	27	43
24	27	32	26	24	41	27	17	29	21	29	27	58
25	24	28	23	24	33	23	15	35	23	26	30	63
26	22	26	18	26	29	31	12	31	20	30	28	54
27	19	24	18	18	33	31	13	28	26	28	29	56
28	15	25	17	22	35	30	12	30	25	26	25	50
29	17	26	16	24	28	30	16	28	27	28	28	46
30	27	31	19	34	35	31	22	28	26	29	25	47
31	29	33	27	34	42	27	24	28	28	28	27	48
MEANS	17	26	18	20	31	25	12	30	20	28	28	48
NORMAL	٤٤	28	18	23	25	22	٧٠	24	٢٧	29	26	48

STATIONS	HIGHEST	TIME	DAY	LOWEST	TIME	DAY
SINJAR	39	0600	25th	6	0900	22nd
MOSUL	54	0300	7th	9	1500	23rd
KIRKUK	39	0300	31st	6	1200	19th
KHANAQIN	38	0300	31st	10	0900	13th
RUTBAH	65	0300	31st	5	1200	11th
HABBANIYA	64	0000	31st	10	1200	6th
BAGHDAD	53	0300	5th	8	1200	10th
NUKHAIB	31	0600	31st	4	1500	6th
HAI	61	0300	14th	16	0900	2nd
NAJAF	42	0300	25th	7	1200	18th
DIWANIYA	56	0300	15th	11	1200	22nd
NASIRIYA	58	0300	7th	8	1200	11th
BASRAH	94	0300	25th	10	1500	17th

TABLE 4 - a. درجات الحرارة العظمى والصغرى اليومية (مئوية) DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

الأيام DAYS	سنجار SINJAR		موصل MOSUL		كركوك KIRKUK		خانقين KHANAQIN		رطبة RUTBAH	
	عظمى MAX.	صغرى MIN.	عظمى MAX.	صغرى MIN.	عظمى MAX.	صغرى MIN.	عظمى MAX.	صغرى MIN.	عظمى MAX.	صغرى MIN.
1	37.5	27.8	42.2	24.8	42.4	27.1	43.3	23.3	39.0	21.5
2	37.9	26.6	42.2	22.8	42.1	26.1	43.3	22.8	38.6	20.5
3	39.6	29.2	42.2	21.8	41.9	26.1	41.1	22.8	39.5	21.9
4	41.1	30.3	45.2	24.8	44.3	26.2	43.3	23.3	40.6	23.6
5	41.6	31.3	46.5	25.6	45.9	28.1	44.4	25.0	40.0	24.0
6	38.7	29.2	43.9	25.6	44.1	30.4	43.9	25.6	40.0	23.6
7	40.5	27.3	44.0	23.0	43.2	29.0	43.9	25.6	41.0	23.0
8	39.4	30.1	44.2	25.2	43.5	28.2	43.3	24.4	41.0	23.0
9	40.4	27.4	42.2	25.5	42.8	31.1	44.4	31.7	41.0	23.2
10	40.3	27.2	43.3	25.0	42.6	30.0	43.3	26.7	41.2	23.0
11	41.3	28.2	44.2	22.8	43.5	29.5	43.3	26.7	43.6	24.2
12	43.2	27.1	46.3	24.2	46.5	30.3	45.6	27.8	42.0	25.0
13	43.4	26.6	46.7	23.2	46.6	29.4	46.1	27.2	41.0	24.2
14	43.3	26.4	46.7	27.6	46.2	28.9	45.6	26.1	43.4	23.5
15	44.2	28.3	47.2	24.8	47.0	30.0	46.7	27.2	45.0	25.2
16	45.1	29.2	47.3	23.6	47.1	31.5	47.2	27.8	44.0	30.4
17	45.2	30.3	45.8	28.6	46.7	30.8	46.7	27.8	42.5	28.2
18	42.8	29.7	46.0	24.8	46.7	29.5	47.2	27.2	43.8	28.2
19	43.9	30.0	47.2	24.8	47.2	31.5	47.2	28.3	43.4	32.8
20	44.5	33.2	47.4	26.2	47.2	32.2	46.7	27.8	44.5	28.2
21	43.6	33.4	46.4	27.2	46.8	31.5	46.7	27.2	45.0	26.2
22	42.6	34.0	46.2	27.6	46.0	30.4	46.1	26.7	43.0	29.0
23	39.5	31.8	43.4	29.4	45.2	28.6	46.1	25.6	39.0	26.0
24	34.7	23.6	39.4	18.6	40.6	27.6	42.2	25.6	37.2	21.0
25	38.0	27.3	40.8	22.4	41.5	24.9	42.2	23.3	39.6	21.5
26	37.6	28.1	42.4	25.2	42.2	29.8	42.8	31.1	38.0	21.5
27	37.1	26.0	41.7	25.9	41.3	27.5	41.7	24.4	39.5	21.4
28	38.5	27.6	42.8	24.9	42.9	24.9	43.3	24.4	38.0	21.2
29	37.0	27.9	41.7	22.0	42.4	25.0	43.3	23.3	37.5	20.2
30	33.8	25.4	39.3	26.2	41.3	25.0	42.2	23.3	34.0	19.4
31	31.6	23.3	37.4	24.2	37.2	23.9	38.9	23.3	34.3	18.4
MEANS	40.6	27.2	43.9	24.9	44.0	28.5	44.3	25.9	40.7	24.0
DEPARTURE FROM NORMAL	....	....	+0.5	+2.8	+1.7	+2.3	+0.8	+1.0	+1.8	+2.9

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
SINJAR	45.2	17th	1965	22.6	17th	1963
MOSUL	49.8	6th	1957	12.8	26th	1952
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

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TABLE 4- b — درجات الحرارة العظمى والصغرى اليومية (سنغراد)

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

	حبانية		بغداد		نخيب		حي	
	HABBANIYA		BAGHDAD		NUKHAIB		HAI	
الايام	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DAYS	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	44.0	26.1	44.1	25.6	42.4	25.9	44.5	28.0
2	42.2	26.0	42.4	24.5	42.3	24.4	44.6	27.0
3	42.8	23.9	42.3	24.9	41.6	23.8	43.6	26.0
4	44.0	26.1	43.6	24.6	43.0	26.0	43.8	25.0
5	45.0	26.1	44.0	23.8	43.0	26.6	44.0	25.2
6	44.9	26.1	44.1	24.4	43.0	26.0	44.3	25.0
7	44.1	25.3	44.9	23.5	42.8	24.1	45.0	26.6
8	44.5	27.2	44.5	27.0	43.4	25.6	45.0	25.0
9	44.0	26.1	44.2	26.6	44.2	26.0	45.2	26.0
10	45.2	28.4	44.9	26.4	43.5	26.1	44.6	26.6
11	45.1	26.7	44.9	24.7	44.5	25.6	45.2	28.0
12	46.7	27.6	46.8	24.0	46.0	27.2	45.6	27.6
13	46.2	26.4	46.6	25.3	45.6	27.2	45.0	26.0
14	47.1	26.7	47.1	25.0	46.1	26.8	44.2	25.8
15	48.1	26.6	47.5	27.6	46.5	26.7	46.2	27.0
16	48.9	26.5	46.7	26.3	47.6	30.1	47.0	29.0
17	47.6	30.5	47.0	29.5	46.5	30.0	46.8	30.2
18	48.4	29.5	47.7	29.5	46.2	28.2	46.6	30.6
19	49.1	27.6	48.0	26.6	46.7	28.8	45.3	29.0
20	48.4	28.5	47.5	27.3	46.7	28.2	46.2	30.0
21	47.9	28.6	47.8	28.4	46.6	28.9	47.0	28.0
22	47.0	28.8	47.4	28.4	45.8	31.2	47.2	26.0
23	43.1	28.6	45.8	28.1	43.1	30.4	46.9	29.0
24	40.8	26.6	41.5	25.5	40.6	25.6	46.0	28.6
25	43.5	23.4	43.9	27.6	43.5	24.0	44.0	26.3
26	43.3	27.1	43.0	28.8	41.5	24.2	46.0	28.4
27	42.5	25.7	42.1	27.6	42.1	22.6	44.0	26.8
28	44.1	23.9	43.2	26.6	42.3	24.1	45.0	26.0
29	43.0	27.4	43.4	26.7	42.1	23.8	44.8	27.0
30	40.2	24.4	42.1	21.3	37.6	25.0	44.2	26.6
31	38.0	25.2	39.0	26.4	37.4	22.8	42.0	28.2
MEANS	44.8	26.7	44.8	26.1	43.7	26.3	45.2	27.4
DEPARTURE FROM NORMAL	+1.1	+1.9	+1.3	+1.4	....	....	+1.3	+1.5

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
HABBANIYA	50.0	1&8th	1938	19.4	29th	1941
BAGHDAD	50.2	5th	1957	17.8	22nd	1937
NUKHAIB	47.6	16th	1965	21.0	12th	1964
HAI	48.9	26th	1943	18.9	30th	1941

TABLE 4 -C . درجات الحرارة العظمى و الصغرى اليومية (سنتغراد)

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

	نجف		ديوانية		ناصرية		بصرة	
	NAJAF		DIWANIYA		NASIRIYA		BASRAH	
الأيام	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DAYS	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	45.5	28.5	44.0	25.6	42.5	26.3	40.3	28.7
2	43.4	28.4	44.3	25.6	44.5	26.5	41.3	26.7
3	44.3	28.5	43.8	23.5	44.9	25.3	41.5	26.2
4	45.4	28.1	44.0	26.0	44.5	26.0	42.8	25.3
5	45.6	27.5	44.5	25.8	43.8	27.9	41.4	27.3
6	45.5	29.4	44.3	24.6	45.0	27.8	41.4	26.7
7	46.5	27.6	45.5	25.8	46.2	25.0	40.7	27.0
8	46.3	27.5	44.6	26.0	44.2	27.2	42.6	28.0
9	45.6	26.3	45.2	24.0	46.1	27.2	41.8	27.5
10	46.2	28.6	44.7	25.1	45.2	26.8	42.7	27.5
11	47.2	29.5	45.3	27.0	46.3	27.1	44.7	26.8
12	47.6	29.6	46.4	26.8	46.4	26.5	45.5	27.6
13	48.0	28.8	47.2	27.5	45.8	29.3	42.7	30.0
14	48.4	30.2	47.6	27.2	46.6	30.5	43.4	31.2
15	49.4	30.4	47.0	25.0	47.1	31.3	45.6	31.0
16	48.4	29.5	47.3	25.8	46.4	30.1	47.0	30.7
17	47.4	29.9	46.7	28.0	45.9	28.7	46.8	27.6
18	49.5	31.0	47.5	29.6	48.2	28.8	43.0	28.6
19	48.6	31.0	47.5	28.3	47.2	28.0	44.8	29.0
20	51.2	30.4	48.0	27.5	46.2	27.7	44.8	27.5
21	48.7	33.0	47.5	28.7	47.6	28.6	43.7	28.5
22	48.6	33.0	48.2	27.0	48.7	28.2	45.3	28.6
23	46.3	30.4	45.3	28.8	48.1	26.6	45.3	28.5
24	44.2	30.4	43.5	28.0	47.3	26.8	42.5	28.8
25	44.5	27.3	45.3	28.6	46.8	27.2	42.8	28.2
26	44.0	31.0	44.0	27.0	47.7	28.7	43.7	30.4
27	44.2	28.2	44.5	28.8	45.9	28.0	43.6	28.6
28	45.2	27.4	43.5	26.4	46.2	27.3	41.9	27.1
29	45.0	29.5	44.3	26.2	46.2	27.4	43.0	28.4
30	42.3	29.0	42.7	25.6	44.6	26.6	41.8	27.3
31	39.8	24.6	40.4	26.6	42.5	28.2	39.8	28.7
MEANS	46.2	25.6	45.3	26.6	46.0	27.7	43.2	28.2
DEPARTURE FROM NORMAL	****	****	+2.6	+3.7	+1.9	+3.0	+2.0	+2.1

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
NAJAF	51.2	20th	1965	22.2	6th	1964
DIWANIYA	48.3	26th	1943	16.1	29th	1941
NASIRIYA	49.4	15th	1951	16.1	24th	1946
BASRAH	48.9	9th	1938	20.0	29th	1941

TABLE 5. MONTHLY MEAN DRY-BULB TEMPERATURES (C°) المعدل الشهري لدرجات الحرارة للبصلة الجافة (سنتغراد)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	....	30.8	34.7	38.6	39.3	38.4	34.3	....	36.0
MOSUL	28.1	26.1	33.6	41.2	43.1	41.3	34.1	31.0	34.8
KIRKUK	30.8	29.7	37.2	42.1	43.3	41.4	35.4	32.7	36.6
KHANAQIN	....	27.3	37.7	42.8	43.7	41.7	36.3	....	38.3
RUTBAH	26.5	24.7	31.1	37.4	39.8	38.4	33.1	29.2	32.5
HABBANIYA	29.1	27.6	34.5	42.7	44.7	41.6	34.3	31.2	35.7
BAGHDAD	31.0	27.6	34.9	42.3	44.5	42.2	35.0	32.2	36.2
NUKHAIB	....	....	34.7	40.9	42.8	42.1	36.5	....	39.4
HAI	....	28.2	35.1	42.8	44.6	40.1	34.2	....	37.5
NAJAF	31.7	29.6	36.2	43.1	45.6	43.8	37.8	34.5	37.8
DIWANIYA	28.9	27.2	35.7	43.4	45.1	41.1	34.4	31.1	35.9
NASIRIYA	29.8	28.2	35.6	43.6	45.2	41.9	35.3	32.0	36.5
BASRAH	30.3	28.8	35.0	40.3	42.3	38.9	34.6	32.2	35.3

TABLE 6. المعدل الشهري لضغط البخار (ملليبارات)
MONTHLY MEAN VAPOUR-PRESSURE (MILLIBARS)

SINJAR	....	9.6	10.3	9.4	9.0	8.7	9.6	....	9.5
MOSUL	13.1	13.3	14.1	14.1	13.5	13.1	13.4	13.2	13.5
KIRKUK	10.0	10.0	10.8	9.3	8.6	9.2	10.8	10.6	9.9
KHANAQIN	....	9.9	11.5	11.3	12.5	11.2	11.3	....	11.3
RUTBAH	8.8	9.7	10.5	9.3	7.7	7.6	8.1	8.1	8.7
HABBANIYA	17.1	16.1	18.6	15.6	13.9	16.3	17.0	16.8	16.4
BAGHDAD	13.6	13.3	15.7	14.6	12.4	14.3	14.5	14.1	14.1
NUKHAIB	....	....	8.6	8.3	7.4	7.6	8.0	....	8.0
HAI	....	15.0	19.8	19.2	18.8	20.1	17.6	....	18.4
NAJAF	11.7	11.9	12.7	12.0	11.8	11.2	13.2	12.4	12.1
DIWANIYA	14.2	14.4	17.4	17.1	15.3	16.3	15.5	14.8	15.5
NASIRIYA	14.7	14.4	15.1	13.7	12.5	17.1	19.0	17.3	15.6
BASRAH	24.7	24.4	27.3	27.2	27.4	28.2	28.0	25.8	26.6

TABLE 7. المعدل الشهري لدرجات الحرارة للبصلة الرطبة (سنتغراد)
MONTHLY MEAN WET-BULB TEMPERATURES (C°)

SINJAR	....	17.7	19.3	20.4	20.4	19.7	18.8	....	19.4
MOSUL	18.2	17.5	20.6	23.2	23.6	22.9	20.9	19.3	20.8
KIRKUK	17.7	17.3	20.5	21.5	21.6	21.2	19.8	18.8	19.8
KHANAQIN	....	16.3	21.0	22.5	23.2	22.3	20.5	....	21.0
RUTBAH	15.5	15.2	18.2	19.9	20.0	19.5	17.8	16.2	17.8
HABBANIYA	20.3	19.3	23.0	24.2	24.2	24.2	22.2	21.3	22.1
BAGHDAD	19.6	18.1	21.8	20.8	23.7	23.5	21.5	20.8	21.2
NUKHAIB	....	....	18.6	20.7	21.0	20.8	19.0	....	19.4
HAI	....	18.2	23.0	24.1	25.1	24.3	21.6	....	22.7
NAJAF	18.9	18.2	21.0	22.9	23.7	23.2	21.7	20.4	21.3
DIWANIYA	19.0	17.8	22.8	25.1	24.8	23.9	21.8	20.1	21.5
NASIRIYA	19.5	18.8	22.0	23.8	24.2	24.3	23.2	21.5	22.2
BASRAH	23.8	23.2	26.2	27.7	28.3	27.6	26.4	24.8	26.0

TABLE 8. المعدل الشهري لدرجة الندى (سنتغراد)
MONTHLY MEAN DEW-POINT (C°)

SINJAR	....	6.4	7.2	5.6	5.0	4.6	6.0	....	5.8
MOSUL	10.6	11.0	11.9	11.9	11.2	10.8	11.0	10.8	11.2
KIRKUK	6.7	6.8	7.9	5.6	4.5	5.5	7.8	7.6	6.6
KHANAQIN	....	6.5	8.8	8.5	9.5	8.8	8.9	....	8.5
RUTBAH	5.0	6.3	7.5	5.4	2.8	2.8	3.7	3.7	4.7
HABBANIYA	14.8	13.8	16.0	13.4	11.6	14.0	14.8	14.5	14.1
BAGHDAD	11.5	11.1	13.5	12.3	10.2	12.0	12.6	11.9	11.9
NUKHAIB	....	....	4.6	4.1	2.4	2.5	3.6	....	3.4
HAI	....	12.8	17.3	16.7	16.4	17.4	15.4	....	16.0
NAJAF	9.1	9.3	10.3	12.0	10.0	8.5	10.7	10.2	10.0
DIWANIYA	12.1	12.2	15.1	15.2	13.1	14.0	13.4	12.6	13.5
NASIRIYA	12.2	11.9	12.9	11.3	11.1	14.7	16.2	14.9	13.2
BASRAH	20.2	20.1	22.1	22.3	22.2	22.5	22.6	21.0	21.5

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TABLE - 9 . المعدل الشهرى الرطوبة النسبية (٪)

MONTHLY MEAN RELATIVE HUMIDITY (%)

	T I M E - G. M. T.								
STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	,,	23	20	15	13	13	18	,,	17
MOSUL	35	39	27	18	16	17	24	29	26
KIRKUK	23	25	18	12	10	12	19	22	18
KHANAQIN	,,	30	18	13	14	14	19	,,	18
RUTBAH	26	32	24	15	11	12	16	20	20
HABBANIYA	43	44	34	19	15	20	32	37	30
BAGHDAD	31	37	28	18	14	17	27	30	25
NUKHAIB	,,	,,	16	11	9	10	13	,,	12
HAI	,,	39	33	23	20	28	34	,,	30
NAJAF	25	29	22	14	12	13	20	23	20
DIWANIYA	36	40	29	20	18	21	29	33	28
NASIRIYA	35	37	26	15	14	21	33	36	27
BASRAH	57	61	49	37	33	41	51	54	48

TABLE 10. المعدل الشهرى للضغط الجوى على سطح البحر (ملليبارات)

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

SINJAR	,,,,	03.0	03.5	03.2	02.1	01.5	02.2	,,,,	1002.6
MOSUL	03.4	03.8	04.2	03.2	01.4	00.9	02.6	03.3	1002.8
KIRKUK	02.5	03.0	02.7	01.9	00.7	00.4	02.2	02.9	1002.0
KHANAQIN	,,,,	02.7	01.0	99.8	99.0	99.1	01.0	,,,,	1001.6
RUTBAH	03.5	04.2	05.1	04.5	03.7	03.3	03.6	03.6	1003.9
HABBANIYA	01.5	02.2	03.2	02.8	01.5	00.7	02.0	02.1	1002.0
BAGHDAD	01.1	01.6	02.8	02.5	01.3	00.8	01.7	01.8	1001.7
NUKHAIB	,,,,	,,,,	04.2	03.2	02.2	01.6	02.8	,,,,	1002.8
HAI	,,,,	00.3	01.2	01.3	99.7	99.5	00.6	,,,,	1000.4
NAJAF	00.9	01.5	02.3	02.1	00.8	00.5	01.4	01.5	1001.4
DIWANIYA	01.1	01.7	02.5	02.4	01.1	00.7	01.5	01.7	1001.6
NASIRIYA	00.2	00.8	01.8	01.3	00.1	99.6	00.7	00.7	1000.7
BASRAH	00.3	00.9	01.9	01.6	00.3	99.7	00.6	00.9	1000.8

TABLE 11. MONTHLY MEAN ECN CLOUD AMOUNTS (OKTAS) معدل كمية الغيوم الواطئة اتمان

SINJAR	,,,	0.5	0.4	0.2	1.0	0.7	0.5	,,,	0.6
MOSUL	0.4	1.0	0.9	0.6	0.8	1.0	0.8	0.8	0.8
KIRKUK	0.2	0.4	0.2	0.3	0.6	0.6	0.2	0.2	0.3
KHANAQIN	,,,	0.9	0.7	0.5	2.0	1.4	0.5	,,,	1.1
RUTBAH	0.7	0.3	0.2	0.6	1.9	2.2	1.0	0.7	1.0
HABBANIYA	0.0	0.0	0.0	0.0	0.4	0.3	0.0	0.0	0.1
BAGHDAD	0.0	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.1
NUKHAIB	,,,	,,,	0.2	0.1	1.4	1.4	0.1	,,,	0.6
HAI	,,,	0.0	0.0	0.0	0.0	0.0	0.0	,,,	0.0
NAJAF	0.2	0.3	0.3	0.3	0.3	0.2	0.0	0.0	0.2
DIWANIYA	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0
NASIRIYA	0.0	0.0	0.0	0.3	0.5	0.1	0.0	0.0	0.1
BASRAH	0.0	0.4	0.0	0.0	0.0	0.1	0.0	0.0	0.1

TABLE 12. MONTHLY MEAN TOTAL CLOUD AMOUNTS (OKTAS) جميع كمية الغيوم اتمان

SINJAR	,,,	1.5	1.3	0.9	1.5	1.3	0.6	,,,	1.2
MOSUL	0.6	1.4	1.6	1.6	1.6	1.6	1.2	1.1	1.3
KIRKUK	0.2	0.5	0.3	0.4	0.7	0.7	0.3	0.2	0.4
KHANAQIN	,,,	1.1	1.2	1.1	2.1	2.1	1.0	,,,	1.4
RUTBAH	1.5	1.3	0.9	1.0	2.0	2.3	1.5	1.4	1.5
HABBANIYA	0.1	0.4	0.2	0.4	0.6	0.6	0.5	0.2	0.4
BAGHDAD	0.2	0.5	0.4	0.6	0.4	0.6	0.2	0.4	0.4
NUKHAIB	,,,	,,,	0.9	0.5	1.6	1.8	0.6	,,,	1.1
HAI	,,,	1.5	1.3	1.2	0.9	0.7	0.3	,,,	1.0
NAJAF	0.3	0.6	0.7	0.7	0.7	0.4	0.1	0.0	0.4
DIWANIYA	0.5	0.9	0.8	0.8	0.6	0.7	0.4	0.4	0.6
NASIRIYA	0.5	1.1	0.7	0.7	0.9	0.4	0.1	0.4	0.6
BASRAH	0.8	1.9	1.0	0.5	0.3	0.3	0.1	0.5	0.7

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TABLE 13-a . عدد اكرار 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	ساكن CA-LM	SPPED IN KNOTS السرعة بالعقد 1-10	11-21	22-33	≥34	معدل السرعة بالعقد MEAN-V.K.
سنجار SINJAR	0300	15	0	0	0	1	0	9	5	1	19	11	0	0	7
	0600	6	1	5	2	0	2	2	7	6	17	8	0	0	7
	0900	1	1	1	2	7	2	11	4	2	21	8	0	0	8
	1200	3	2	1	0	7	0	10	7	1	12	18	0	0	11
	1500	3	0	1	0	1	3	21	2	0	16	15	0	0	9
	1800	6	0	0	0	0	0	6	12	7	13	11	0	0	7
	TOTAL	34	4	8	4	16	7	59	37	17	98	71	0	0	8
موصل MOSUL	0000	3	0	0	1	1	0	6	10	10	18	3	0	0	4
	0300	3	0	3	1	2	0	8	7	7	23	1	0	0	4
	0600	11	0	3	1	1	0	1	12	2	27	2	0	0	5
	0900	8	0	6	3	2	0	4	6	2	27	2	0	0	6
	1200	6	2	2	1	4	1	6	8	1	25	5	0	0	7
	1500	3	2	3	1	2	2	11	7	0	26	5	0	0	8
	1800	2	1	0	0	1	2	18	4	3	22	6	0	0	7
	2100	2	0	1	0	2	1	13	7	5	21	5	0	0	5
	TOTAL	38	5	18	8	15	6	67	61	30	189	29	0	0	8
كركوك KIRKUK	0000	0	17	0	0	0	0	0	2	12	17	2	0	0	4
	0300	0	12	0	0	0	0	0	1	18	12	1	0	0	2
	0600	1	6	1	0	0	0	0	3	20	10	1	0	0	2
	0900	3	2	1	0	2	0	6	0	16	14	1	0	0	3
	1200	3	0	1	0	1	2	15	1	9	19	3	0	0	5
	1500	2	1	0	0	1	0	19	1	8	22	1	0	0	4
	1800	1	2	0	0	0	0	6	1	21	9	1	0	0	2
	2100	2	4	0	0	0	0	2	1	22	5	4	0	0	3
	TOTAL	12	44	2	1	3	2	48	10	126	108	14	0	0	3
خانقين KHANAQIN	0300	0	0	18	5	0	0	0	0	8	23	0	0	0	5
	0600	1	3	8	2	1	0	2	2	12	18	1	0	0	6
	0900	9	0	1	0	4	0	9	7	1	27	2	0	0	8
	1200	4	1	1	0	0	1	12	12	0	28	3	1	0	8
	1500	4	0	0	0	3	0	10	14	0	28	3	0	0	8
	1800	4	0	1	0	1	0	6	5	14	17	0	0	0	2
	TOTAL	22	4	29	7	9	1	39	40	35	141	9	1	0	5
رطبة RUTBAH	0000	3	0	3	1	1	1	6	10	6	18	7	0	0	6
	0300	3	0	0	1	1	2	12	3	9	20	2	0	0	4
	0600	17	0	0	0	1	0	4	4	5	21	5	0	0	6
	0900	9	0	5	1	2	1	5	2	6	23	2	0	0	4
	1200	4	0	5	0	3	5	12	1	1	25	5	0	0	7
	1500	6	1	3	1	1	1	16	1	1	28	2	0	0	5
	1800	5	1	3	1	0	2	2	8	9	22	0	0	0	4
	2100	3	1	2	2	1	1	6	2	13	13	5	0	0	5
	TOTAL	50	3	21	7	10	13	63	31	50	170	28	0	0	5

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TABLE 13 -ب-

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	CA-LM هادئ	SPEED IN KNOTS السرعة بالعقد 1-10	11-21	22-33	بلوه	معدل السرعة بالعقد MEAN V.
حبانية	0000	1	0	0	0	1	0	4	7	18	13	0	0	0	2
	0300	4	0	0	0	0	1	5	8	13	14	4	0	0	3
	0600	2	1	0	0	0	0	5	19	4	17	10	0	0	5
	0900	7	2	0	0	2	0	8	10	2	21	8	0	0	4
HABBANIYA	1200	1	0	0	0	1	0	13	15	1	20	10	0	0	5
	1500	4	0	1	1	0	2	8	11	4	25	2	0	0	4
	1800	0	1	0	1	0	0	5	7	17	14	0	0	0	2
	2100	1	0	0	1	0	1	3	4	21	9	1	0	0	2
	TOTAL	20	4	1	3	4	4	51	71	80	133	35	0	0	5
بغداد	0000	13	0	0	1	0	0	1	8	8	22	1	0	0	5
	0300	5	1	0	1	0	0	2	13	5	22	1	0	0	5
	0600	4	1	0	0	0	0	3	18	5	19	7	0	0	6
	0900	11	0	1	0	1	0	2	14	0	18	3	0	0	6
BAGHDAD	1200	11	0	0	0	1	0	5	14	0	18	3	0	0	6
	1500	8	0	0	0	0	0	5	11	0	20	0	0	0	5
	1800	3	1	1	0	0	0	5	13	0	22	1	0	0	5
	2100	3	0	1	0	0	0	4	11	13	12	4	0	0	4
	TOTAL	58	3	3	2	3	2	25	102	50	133	45	0	0	7
نخيب	0600	22	4	0	0	0	0	2	1	2	24	5	0	0	7
	0900	14	4	2	0	2	1	1	1	4	26	1	0	0	5
	1200	10	2	2	0	2	1	3	5	6	24	1	0	0	5
	1500	9	1	2	0	3	0	9	1	5	24	1	0	0	4
NUKHAIB	1800	16	2	2	0	1	0	1	0	9	22	0	0	0	3
	TOTAL	71	13	10	0	8	2	16	8	27	120	8	0	0	5
حي	0300	5	0	2	0	1	1	6	7	9	21	1	0	0	4
	0600	4	4	3	1	2	0	3	8	6	24	1	0	0	5
	0900	3	2	6	1	2	0	3	11	1	24	1	0	0	7
	1200	4	2	3	0	2	1	3	11	5	21	5	0	0	7
NAI	1500	2	0	0	0	0	1	7	9	12	18	1	0	0	4
	1800	1	1	0	0	0	0	3	13	13	16	2	0	0	5
	TOTAL	19	9	16	2	7	3	25	59	46	124	16	0	0	5
نجف	0000	14	0	0	0	1	2	1	1	1	27	3	0	0	6
	0300	15	0	0	0	0	4	5	6	0	29	2	0	0	6
	0600	20	1	0	0	0	1	5	3	0	28	2	0	0	6
	0900	20	3	3	0	0	1	0	4	0	26	5	0	0	7
NAJAF	1200	19	7	0	2	0	0	2	1	0	25	6	0	0	8
	1500	21	3	1	0	1	0	0	1	0	27	4	0	0	7
	1800	22	1	1	2	0	0	1	2	2	28	1	0	0	6
	2100	18	2	0	0	0	1	2	7	1	27	3	0	0	7
	TOTAL	90	17	5	4	2	9	17	39	5	217	26	0	0	7

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TABLE 13 C. 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	ريح ساكن CALM	SPEED IN KNOTS السرعة بالعقد 1-10	11-21	22-33	34	معدل السرعة بالعقد MEAN V.K.
ديوانية DIWANIYA	0000	10	0	0	1	0	0	8	3	9	17	5	0	0	5
	0300	9	2	0	1	0	0	8	4	7	24	0	0	0	4
	0600	12	1	1	1	0	0	7	5	4	24	3	0	0	6
	0900	16	2	1	0	0	1	5	4	2	17	12	0	0	8
	1200	18	0	0	0	0	1	8	1	3	19	9	0	0	8
	1500	21	0	0	0	0	1	2	6	1	29	1	0	0	6
	1800	14	0	0	0	0	0	5	4	8	23	0	0	0	4
	2100	16	1	1	0	0	0	5	1	7	24	0	0	0	4
	TOTAL	116	6	3	3	0	3	48	28	41	177	30	0	0	6
ناصرية NASIRIYA	0000	4	0	0	1	3	2	7	10	4	23	4	0	0	6
	0300	5	0	0	1	2	2	7	10	4	27	0	0	0	4
	0600	3	0	1	1	1	2	9	11	3	28	0	0	0	6
	0900	5	1	1	2	0	2	2	15	3	22	6	0	0	7
	1200	5	0	5	3	0	0	3	15	0	22	9	0	0	8
	1500	4	0	2	9	0	0	2	14	0	31	0	0	0	6
	1800	4	0	1	6	2	0	2	13	3	28	0	0	0	5
	2100	4	0	0	5	1	1	1	16	3	28	0	0	0	5
	total	34	1	10	28	9	9	33	104	20	209	19	0	0	6
بصرة BASRAH	0000	7	0	0	0	6	2	6	8	2	29	0	0	0	5
	0300	2	1	2	3	5	2	6	9	1	29	1	0	0	4
	0600	7	3	1	2	2	2	2	9	3	28	1	0	0	4
	0900	7	2	2	2	1	0	0	14	3	25	3	0	0	6
	1200	4	0	2	2	0	0	1	18	4	25	2	0	0	6
	1500	5	1	0	1	1	1	4	16	2	28	1	0	0	5
	1800	5	0	1	2	7	3	0	11	2	29	0	0	0	5
	2100	5	0	1	0	7	4	3	9	2	27	2	0	0	5
	TOTAL	42	7	9	12	29	14	22	94	19	220	9	0	0	5

TABLE -14. اعلى سرعة ريح حدثت خلال ساعة

HIGHEST WIND-SPEED DURING ONE HOUR

STATIONS	HIGHEST WIND-SPEED DURING ONE HOUR (V.K.)	DIRECTION	TIME GMT.	DAY
SINJAR	20 Knots	340°	0600	30th
MOSUL	22	180	1500	20th
KIRKUK	20	050	0000	9th
KHANAQIN	26	180	0900	26th
RUTBAH	18	230	1500	16th
HABBANIYA	18	290	0300	6th
BAGHDAD	16	360	0900	31 st
NUKHAIB	20	360	0600	30th
HAI	20	330	0900	31 st
NAJAF	18	360	0900	23rd
DIWANIYA	17	340	0900	31 st
NASIRIYA	16	320	0900	31 st
BASRAH	13	300	1200	2nd

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TABLE 15 a.

الهطول اليومي (ملليمترات)

DAILY PRECIPITATION (MILLIMETERS), tr < 0.05 mm

الايام	سنجار	موصل	كركوك	خانقين	رطبة	حبانية
DAY	SINJAR	MOSUL	KIRKUK	KHANAQIN	RUTBAH	HABBANIYA
1						
2						
3						
4						
5						
6						
7						
8		tr				
9						
10						
11						
12						
13						
14						
15						
16					tr	
17					tr	
18					tr	
19				tr	tr	
20					tr	
21						
22						
23						
24						
25		tr	tr			
26						
27						
28						
29						
30						
31						
TOTAL		TR	TR	TR	TR	
NORMAL				0.1		

STATIONS	HIGHEST AMOUNT OF RAIN DURING ONE DAY	DAY	YEAR
MOSUL	0.2 mm.	5th	1954
KIRKUK	0.2	10th	1956
KHANAQIN	1.9	22nd	1938
RUTBAH	tr.	20th	1965
HABBANIYA	tr.	10th	1956

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TABLE 15 b .

الجدول الرابع (بالملليمترات)

DAILY PRECIPITATION (MILLIMETERS), tr < 0.05 mm

الايام	بغداد	نخيب	حي	نجف	ديوانية	ناصرية	بصرة
DAYS	BAGHDAD	NUKHAIB	HAI	NAJAF	DIWANIYA	NASIRIYA	BASRAH
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							tr
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25		tr					
26							
27							
28							
29							
30							
31							
TOTAL		tr					tr
NORMAL							

STATIONS	HIGHEST AMOUNT OF RAIN DURING ONE DAY	DAY	YEAR
BAGHDAD	tr.	7th	1942
DIWANIYA	0.5	11th	1940
BASRAH	tr.	13th	1965

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DAILY GRASS MINIMUM TEMPERATURES C° , AND , SOIL TEMPERATURES C° @ 0.3 & 1.2 METRES AND EVAPORATION

	MOSUL	KIRKUK			HABBANIYA			BAGHDAD			HADAR		RASHEYA			BASRAH	BAGHDAD
DATE	0.3M	GRASS	0.3M	1.2M	GRASS	0.3M	1.2M	GRASS	0.3M	1.2M	0.3M	1.2M	GRASS	0.3M	1.2M	GRASS	EVAPORATION(1
1	32.9	22.1	30.0	28.9	25.0	37.7	33.2	22.9	34.3	30.5	37.0	35.7	25.0	36.2	31.0	20.4	15.0 MM.
2	32.7	19.9	29.9	28.9	25.4	37.8	33.0	19.8	34.3	30.5	36.0	36.0	25.0	35.9	32.1	21.4	15.0
3	32.3	19.9	29.5	28.9	23.4	37.8	33.4	18.9	34.0	30.5	36.4	35.7	23.9	36.1	32.2	18.0	15.0
4	32.2	19.1	29.7	28.9	25.0	37.8	33.2	20.8	34.5	30.5	37.2	35.7	25.3	36.6	31.6	18.2	11.0
5	32.3	21.7	30.7	28.9	25.9	37.8	33.4	19.2	34.3	30.5	36.2	35.4	26.9	36.9	32.2	21.7	15.0
6	32.5	23.6	31.2	29.1	25.5	37.8	33.2	19.5	34.7	30.7	37.0	36.3	26.3	36.5	32.2	21.5	15.0
7	32.5	23.0	31.7	29.1	23.9	37.8	33.4	16.2	34.6	30.6	37.2	36.5	24.5	36.7	32.2	20.4	15.0
8	32.6	21.0	31.3	29.2	26.1	37.9	33.4	19.0	35.2	30.8	37.6	36.2	26.1	37.0	32.3	20.2	12.0
9	32.3	27.5	31.5	29.4	25.2	37.8	33.4	20.0	35.5	30.7	37.3	36.0	25.7	36.5	32.4	21.7	19.0
10	32.0	29.8	28.3	29.4	26.8	37.8	33.4	18.6	35.5	30.8	37.4	36.0	26.0	37.0	32.3	21.3	12.0
11	31.6	22.9	30.6	29.5	26.1	38.4	33.6	19.5	35.6	30.9	36.8	36.0	26.2	37.1	32.3	19.7	15.0
12	31.8	22.9	31.6	29.5	26.1	38.4	33.4	17.8	35.6	31.0	37.6	36.1	25.3	37.5	32.4	20.9	14.0
13	32.0	22.1	31.1	29.5	25.6	38.4	33.6	18.6	35.8	31.0	37.8	36.5	28.7	39.1	32.5	27.0	13.0
14	32.0	22.5	31.9	29.6	25.6	38.4	33.7	19.0	36.2	31.0	37.0	36.4	29.9	38.9	32.5	29.3	12.0
15	31.6	23.6	30.9	29.7	25.5	38.6	33.9	20.2	35.9	31.0	38.7	37.4	30.2	39.0	32.6	26.0	12.0
16	31.8	24.4	31.9	29.9	25.6	37.8	33.9	20.5	36.5	31.2	38.6	36.5	29.5	39.4	32.7	25.7	12.0
17	31.8	24.4	30.9	29.9	29.2	38.4	33.9	22.0	37.0	31.4	37.4	36.2	27.3	39.4	32.7	19.8	19.0
18	31.7	22.4	30.1	29.9	27.7	38.6	33.9	21.9	37.2	31.5	38.7	36.7	28.0	38.8	32.8	20.5	12.0
19	31.8	26.6	30.4	29.9	25.8	38.9	34.0	22.2	37.2	31.6	39.2	36.8	26.8	38.6	32.9	20.8	12.0
20	31.6	27.9	30.5	29.9	27.8	38.9	34.1	22.6	37.2	31.5	37.4	36.2	26.8	39.5	33.1	21.2	21.0
21	31.6	24.2	29.4	29.9	27.8	38.6	34.1	23.0	37.5	32.0	39.2	36.9	27.1	38.4	33.0	20.4	20.0
22	31.8	20.5	30.1	29.9	28.0	39.1	34.3	24.0	37.5	31.6	37.4	36.3	27.2	39.1	33.2	21.3	21.0
23	32,0	21.9	30.7	29.9	29.5	38.9	34.4	24.2	37.2	31.7	39.4	37.0	25.9	38.2	33.2	21.7	18.0
24	31.4	21.6	31.1	29.9	26.4	38.8	34.5	23.0	36.0	32.0	38.4	36.1	26.2	37.9	33.3	22.6	17.0
25	31.6	19.4	31.4	30.0	22.7	38.4	34.5	21.2	36.0	31.9	38.0	36.3	26.2	38.1	33.3	24.2	15.0
26	31.6	24.6	31.1	30.0	26.1	38.0	34.4	25.0	36.4	32.0	38.5	37.0	26.0	38.2	33.3	24.1	12.0
27	31.5	20.8	30.5	30.0	22.8	37.8	34.5	21.1	36.0	32.0	38.0	37.0	26.8	38.8	33.2	22.3	14.0
28	31.2	19.6	30.5	30.0	23.8	37.6	34.4	20.2	35.8	32.0	37.2	37.0	26.0	38.6	33.3	20.5	12.0
29	31.0	16.9	29.2	30.0	26.1	37.6	34.5	20.6	35.8	32.0	37.7	37.0	26.8	37.9	33.3	20.7	12.0
30	31.0	19.5	29.5	30.0	23.8	37.6	34.5	17.8	35.4	32.1	37.2	36.6	25.1	37.8	33.3	18.2	11.0
31	30.8	17.1	28.4	30.0	25.0	37.2	34.4	24.3	35.0	31.8	36.8	36.7	27.3	37.6	33.3	21.7	17.0
MEAN	31.9	22.1	30.6	29.6	25.8	38.5	33.9	20.8	35.8	31.3	38.3	36.4	26.6	37.8	32.7	21.7	14.7

EVAPORATION AT 0600 GMT. IN MILLIMETERS IN PAN CLASS A

CLIMATOLOGICAL SUMMARY: الملخصات المناخيـــة

NUMBER OF DAYS FOR THE CASES OF PHENOMENA عدد الايام التي حدثت فيها الظواهر الجويـــة

STATIONS	RAIN	SNOW	HAIL	THUNDER STORM	FOG	MIST	HAZE	RISING DUST	SUSPENDED DUST	DUST STORM	STATE OF SKY CLEAR	STATE OF SKY CLOUDY
SINJAR	0	0	0	0	0	0	5	8	9	0	19	0
MOSUL	0	0	0	0	0	0	13	4	7	0	17	0
KIRKUK	0	0	0	1	0	0	2	7	1	0	30	0
RUTBAH	0	0	0	1	0	0	0	5	0	0	20	0
KHANAQIN	0	0	0	0	0	0	0	0	0	0	20	0
HABBANIYA	0	0	0	0	0	0	3	2	1	0	29	0
BAGHDAD	0	0	0	0	0	0	24	4	1	1	27	0
NUKHAIB	0	0	0	0	0	0	0	2	0	0	23	0
HAI	0	0	0	0	0	0	7	5	2	0	23	0
NAJAF	0	0	0	0	0	0	0	1	0	0	28	0
DIWANIYA	0	0	0	0	0	0	0	2	0	0	26	0
NASIRIYA	0	0	0	0	0	0	4	5	19	0	26	0
BASRAH	0	0	0	0	1	6	3	0	12	0	25	0

TABLE - 18. DURATION OF SUNSHINE مدة سطوع الشمـــس

STATION	MONTHLY TOTAL SUNSHINE HOURS	MAX. SUNSHINE DURING ONE DAY HOURS	MAX. SUNSHINE DURING ONE DAY DAY	NO. OF DAYS WITHOUT SUNSHINE
MOSUL	368.1	13.1	24th	0
BAGHDAD	359.5	12.8	2nd	0
BASRAH	345.2	12.2	3rd	0

وزارة المواصـــلات

مديرية الطيران المدنى العامة

مديرية الانواء الجوية

شعبة احصائيات المناخ

بغـداد

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تقرير المناخ الشهري

العـــدد ٩و١٠
المجلـــد ٢٨
الشهر ايلول وتشرين الاول
السنة ١٩٦٥

REPUBLIC OF IRAQ

MINISTRY OF COMMUNICATIONS

DIRECTORATE GENERAL OF CIVIL AVIATION

METEOROLOGICAL DEPARTMENT

CLIMATOLOGICAL SECTION
BAGHDAD

Monthly Climatological Data

No. 9 & 10
Vol. 28
Months : SEPTEMBER & OCTOBER
Year : 1965

الجمهورية العراقية

وزارة المواصلات

مديرية الطيران المدني العامة

شعبة الارصاد الجوية العامة

قسم المناخ

بغداد

نشرة مناخية لشهر ايلول ١٩٦٥

مجلد ٢٨ ، عدد (٩) ايلول ١٩٦٥

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

MONTHLY CLIMATOLOGICAL DATA FOR SEPTEMBER

1 9 6 5

VOLUME 28 , No. (9) , SEPTEMBER 1965 .

اعداد و تنظيم و طبع و توزيع من قبل شعبة المناخ

PREPARED, ARRANGED, PRINTED & DISTRIBUTED

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SEPTEMBER 1965-

أيلول ١٩٦٥

DAILY MEAN TEMPERATURES (C°) OF 6 OBSERVATIONS

المعدل اليومي لدرجات الحرارة (سنتيغراد)

DAY الأيام	SINJAR سنجار	MOSUL موصل	KIRKUK كركوك	RUTBAH رطبة	HABBANIYA حبانية	BAGHDAD بغداد
1	29.6	29.4	30.2	29.0	30.2	30.8
2	32.6	30.8	32.7	29.4	31.2	31.7
3	35.7	[illegible]	33.5	29.8	31.8	32.5
4	33.6	32.0	33.4	29.8	32.8	33.5
5	34.2	31.5	34.9	29.4	33.1	33.6
6	34.7	32.5	34.8	29.6	32.6	32.4
7	[illegible]	[illegible]	34.1	29.3	33.4	33.6
8	[illegible]	[illegible]	33.5	30.2	32.6	33.2
9	[illegible]	[illegible]	33.4	31.0	32.1	34.2
10	[illegible]	[illegible]	34.1	29.6	31.9	33.9
11	[illegible]	[illegible]	[illegible]	29.7	32.2	[illegible]
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
25	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
26	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
29	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
30	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MEANS	31.3	28.7	31.4	27.8	30.4	31.6
DEPARTURE FROM NORMAL	...	+1.6	+1.0	+1.2	+0.2	+0.9

NOTE : AT SINJAR OBSERVATIONS 0000 & 2100 ARE MISSED.

T I M E - G . M . T .

0000 + 0300 + 0600 + 0900 + 1200 + 1500 + 1800 + 2100 ... = DAILY MEA

SEPTEMBER 1965. ايلول ١٩٦٥

TABLE 1 - b . المعدل اليومي لدرجات الحرارة (سنتغراد)

DAILY MEAN TEMPERATURES (C°) OF 8 OBSERVATIONS

الايام	نخيب	حي	نجف	ديوانية	ناصرية	بصرة
DAYS	NUKHAIB	HAI	NAJAF	DIWANIYA	NASIRIYA	BASRAH
1	34.2	33.4	32.6	30.9	31.6	31.0
2	36.2	31.8	33.7	31.7	31.6	30.1
3	36.7	33.7	34.5	31.6	32.6	30.3
4	37.2	34.7	34.8	34.0	33.6	31.9
5	36.2	35.4	35.7	33.3	35.2	34.1
6	36.1	34.9	34.0	32.0	33.8	32.8
7	37.0	36.0	35.8	33.7	33.6	33.4
8	36.7	36.6	35.4	34.6	34.3	31.9
9	37.9	36.7	35.8	33.9	34.1	32.3
10	36.9	36.4	35.6	34.1	34.3	32.2
11	36.8	35.1	34.6	34.3	34.4	32.4
12	34.9	36.0	34.6	33.6	34.9	33.9
13	35.7	35.1	32.7	31.0	33.7	33.2
14	35.4	33.3	33.3	30.2	33.6	34.2
15	35.8	34.4	33.4	31.5	33.3	32.4
16	36.3	34.6	33.9	32.9	32.7	32.3
17	37.2	34.8	34.1	31.6	33.0	30.6
18	34.4	33.4	34.0	31.8	33.3	30.2
19	30.9	34.2	32.4	32.1	33.3	32.6
20	30.7	33.2	30.6	30.7	31.9	31.[illegible]
21	29.6	32.7	28.6	28.1	29.6	30.3
22	30.5	29.6	28.8	26.7	28.4	28.1
23	31.0	30.2	29.3	27.6	29.4	28.2
24	31.9	31.7	30.4	29.7	29.8	26.8
25	33.7	31.8	30.1	30.8	30.7	28.9
26	34.1	31.8	30.9	31.1	31.4	29.8
27	35.1	33.2	31.6	30.8	32.8	31.8
28	30.9	32.5	31.6	30.8	31.8	31.6
29	30.8	32.4	30.4	30.0	31.0	31.4
30	31.1	31.1	29.3	28.8	30.0	30.5
MEANS	34.3	33.7	32.7	31.5	32.5	31.4
DEPARTURE FROM NORMAL	....	+1.7	....	-0.3	+0.9	0.0

NOTE : AT NUKHAIB, OBSERVATIONS 0000,0300 and 2100 ARE MISSED.
AT HAI OBSERVATIONS 0000 & 2100 ARE MISSED.

SEPTEMBER 1965. ايلول ١٩٦٥

TABLE 2 - ٢ . المعدل اليومي للضغط الجوي على سطح البحر (ملليبارات)

DAILY MEAN PRESSURE (MILLIBARS) AT M.S.L. OF 8 OBSERVATIONS

DAYS الايام	SINJAR سنجار	MOSUL موصل	KIRKUK كركوك	RUTBAH رطبة	HABBANIYA حبانية	BAGHDAD بغداد
1	1010.3	1009.8	1009.3	1010.3	1009.6	1009.1
2	06.8	06.9	05.3	08.2	06.1	05.4
3	02.9	03.2	02.1	05.1	03.1	02.9
4	03.0	03.7	03.6	04.3	02.9	03.3
5	03.3	03.9	02.6	04.3	01.9	02.4
6	04.4	05.0	03.7	06.0	05.4	05.4
7	06.7	07.1	06.0	07.3	05.9	05.8
8	07.4	07.7	07.0	07.2	06.4	06.3
9	06.2	06.7	06.4	05.9	05.4	05.3
10	06.6	07.2	06.3	06.8	05.7	06.5
11	05.2	05.7	04.8	06.0	04.0	04.3
12	01.9	02.3	00.8	03.3	00.1	999.9
13	02.7	03.0	01.7	04.8	01.8	01.0
14	08.8	08.9	07.6	09.4	07.2	07.0
15	10.7	11.1	10.3	11.4	10.1	10.1
16	08.9	09.0	08.3	09.4	08.3	08.2
17	05.1	06.2	06.0	06.8	05.8	05.6
18	02.4	03.1	03.4	05.7	03.5	03.1
19	06.8	07.3	07.6	09.6	07.6	07.2
20	13.8	13.8	13.0	13.9	12.8	12.2
21	13.6	13.7	13.1	14.3	13.1	12.7
22	10.6	10.8	10.2	12.0	10.5	10.2
23	06.8	09.5	08.7	10.0	08.3	08.5
24	09.8	10.1	09.4	09.7	09.3	09.4
25	11.2	11.7	11.3	09.3	10.4	10.7
26	11.4	12.0	11.2	10.1	09.8	10.2
27	08.9	09.5	08.2	08.9	07.0	07.2
28	06.0	06.4	05.9	08.3	06.5	06.8
29	12.0	12.5	11.7	09.9	09.4	09.4
30	14.6	14.7	13.9	12.4	12.1	12.4
MEANS	1007.8	1008.1	1007.3	1008.0	1006.3	1006.9
DEPARTURE FROM NORMAL	...	+0.8	+1.4	+0.9	+0.2	+0.3

STATIONS	HIGHEST	DAY	TIME	YEAR	LOWEST	DAY	TIME	YEAR	
SINJAR	1015.4	30th	0600	1965	1001.1	18th	1200	1965	1965
MOSUL	1016.2	21st	0300	1965	1000.1	12th	1500	1965	
KIRKUK	1015.4	20th	2100	1965	998.1	12th	1500	1965	
RUTBAH	1016.0	21st	0600	1965	1001.4	12th	1800	1965	
HABBANIYA	1014.7	21st	0600	1965	998.2	12th	1500	1965	
BAGHDAD	1014.4	21st	0600	1965	998.4	12th	1500	1965	
SINJAR	1016.5	23th	0900	1964	998.4	3rd	1500	1963	RECORD
MOSUL	1018.7	30th	0600	1938	997.8	4th	1500	1959	
KIRKUK	1017.1	29th	0300	1962	995.5	1st	1500	1955	
RUTBAH	1023.2	30th	0200	1938	997.9	1st	1200	1955	
BAGHDAD	1017.5	30th	0600	1938	996.5	1st	1500	1955	

SEPTEMBER 1965.

(٩)

أيلول ١٩٦٥

TABLE 2 - ٢ .

المعدل اليومي للضغط الجوي على سطح البحر (ملليبارات)

DAILY MEAN PRESSURE (MILLIBARS) AT M.S.L. ON 8 OBSERVATIONS

الأيام	نخيب	حي	نجف	ديوانية	ناصرية	بصرة
DAYS	NUKHAIB	HAI	NAJAF	DIWANIYA	NASIRIYA	BASRAH
1	1010.4	1006.8	1006.5	1008.6	1007.1	1006.3
2	07.2	03.5	05.5	05.2	03.8	03.3
3	04.0	02.5	03.1	03.4	02.6	02.6
4	02.9	03.2	02.1	03.1	03.3	04.0
5	03.7	03.6	03.1	03.5	03.5	04.0
6	05.2	05.1	03.5	03.9	03.4	03.7
7	06.7	04.3	05.1	05.6	04.7	04.7
8	07.3	04.1	06.9	05.7	04.3	04.3
9	06.5	05.3	04.7	04.9	03.4	02.8
10	06.0	04.1	05.0	05.5	04.3	04.1
11	06.2	05.6	05.8	05.9	05.5	05.9
12	04.5	04.3	999.6	04.4	03.2	04.7
13	02.7	04.3	04.6	04.7	04.6	05.7
14	05.2	07.0	07.1	07.3	07.2	08.1
15	10.0	09.7	09.9	10.4	09.7	10.0
16	08.5	07.1	07.7	08.1	07.3	07.4
17	05.1	04.2	05.7	05.6	04.5	04.6
18	04.0	03.1	03.5	03.7	03.2	03.5
19	05.1	05.2	05.5	06.6	05.9	06.6
20	10.0	10.0	11.5	11.3	09.7	09.3
21	13.2	10.6	12.1	12.0	10.3	09.6
22	11.0	08.7	09.7	10.1	08.9	08.8
23	08.2	07.3	08.9	08.6	07.7	07.6
24	08.6	08.3	08.9	09.1	08.6	08.6
25	09.4	08.8	09.7	10.2	09.9	10.-
26	08.9	09.9	09.5	09.7	09.6	10.1
27	07.4	06.9	06.6	07.1	07.0	08.0
28	06.4	07.2	06.9	07.3	07.1	07.5
29	09.4	08.4	08.1	09.0	08.8	09.2
30	11.9	11.-	11.4	11.6	11.0	11.2
MEANS	1007.6	1006.5	1006.3	1006.8	1006.1	1006.3
DEPARTURE FROM NORMAL	+1.0	-0.2	+0.-	+1.2	+0.6	+1.3

STATIONS	HIGHEST	DAY	TIME	YEAR	LOWEST	DAY	TIME	YEAR	
NUKHAIB	1015.3	21st	0600	1965	1000.1	12th	1200	1965	
ALI	1013.5	30th	0600	1965	999.1	12th	1500	1965	
NAJAF	1014.5	21st	0600	1965	998.1	12th	1500	1965	
DIWANIYA	1014.3	21st	0600	1965	1000.0	12th	1800	1965	
NASIRIYA	1012.6	30th	0600	1965	998.8	12th	1200	1965	
BASRAH	1012.7	30th	0600	1965	1000.4	12th	1500	1965	
NUKHAIB	1015.9	30th	0600	1964	999.1	1st	1500	1964	
HAI	1015.1	29th	0600	1962	995.5	3rd	1500	1966	
NAJAF	1016.2	30th	0600	1964	998.0	3rd	1500	1963	
DIWANIYA	1015.7	29th	0600	1962	995.2	3rd	1500	1956	
NASIRIYA	1016.1	29th	0600	1962	995.1	8th	0600	1946	
BASRAH	1015.7	29th	0600	1962	995.2	1st	0300	1953	

TABLE - 3 . المعدل اليومي للرطوبة النسبية (٪)

DAILY MEAN RELATIVE HUMIDITY (%) OF 8 OBSERVATIONS

الايام DAYS	سنجار SIN-JAR	موصل MO-SUL	كركوك KIR-KUK	رطبة RUT-BAH	حبانية HABB-ANIYA	بغداد BAGH-DAD	نخيب NUK-HAIB	حي HAI	نجف NA-JAF	ديوانية DIWA-NIYA	ناصرية NASI-RIYA	بصرة BAS-RAH
1	28	33	25	25	40	27	20	29	33	29	26	51
2	16	29	18	23	25	25	16	27	29	25	23	52
3	12	23	19	19	31	27	15	26	28	34	25	57
4	11	25	17	23	42	27	15	31	28	27	29	58
5	11	31	17	24	35	22	13	33	27	29	30	55
6	10	25	15	21	34	22	11	27	27	33	30	63
7	11	26	15	20	31	24	10	26	22	27	24	45
8	10	36	15	15	34	26	9	22	27	20	20	46
9	10	36	15	17	37	24	10	23	26	26	21	46
10	10	33	15	18	35	24	12	24	22	28	23	47
11	11	31	15	19	35	24	10	31	27	28	26	48
12	12	29	11	33	31	25	15	27	20	28	27	52
13	13	30	14	23	38	34	14	31	22	32	26	56
14	15	31	19	14	32	31	11	30	22	34	21	58
15	9	31	18	17	28	30	12	29	19	33	28	64
16	10	30	16	12	32	27	14	26	15	25	26	47
17	12	29	12	11	36	30	10	26	16	28	22	44
18	15	24	16	32	37	31	16	29	23	31	25	47
19	26	29	21	33	33	30	21	32	28	31	31	41
20	28	31	22	31	34	28	19	30	28	31	26	49
21	25	38	24	26	35	23	18	27	27	32	21	39
22	21	38	21	25	32	27	18	29	28	34	24	49
23	19	36	21	21	32	30	17	28	26	35	24	49
24	13	34	19	20	39	29	14	30	27	32	26	42
25	15	35	19	21	36	29	12	30	29	26	28	48
26	14	34	18	21	36	22	11	34	25	26	24	42
27	15	41	18	29	37	24	12	29	24	28	31	38
28	19	38	21	29	34	35	25	31	24	31	27	39
29	37	64	37	31	43	39	20	32	29	35	31	51
30	26	51	36	30	38	33	22	38	34	38	36	58
MEANS	16	33	19	23	35	27	15	29	25	30	26	49
NORMAL	,,	34	21	27	29	26	,,	24	,,	32	25	46

STATIONS	HIGHEST	TIME	DAY	LOWEST	TIME	DAY
SINJAR	46 %	0300	29th	6 %	1200	10th
MOSUL	88	0600	29th	10	1200	18th
KIRKUK	50	0300	30th	5	1200	17th
RUTBAH	60	0300	12th	5	1200	17th
HABBANIYA	70	0300	1st	10	1200	9th
BAGHDAD	75	2100	28th	9	1200	9&10th
NUKHAIB	41	0600	29th	5	1200	17th
HAI	55	0300	30th	14	1200	8&9th
NAJAF	51	0300	30th	8	1200	16th
DIWANIYA	60	0300	30th	10	1200	16&17th
NASIRIYA	58	0300	27th	5	1200	12th
BASRAH	95	0000	15th	10	1200	19th

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

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

الايام	سنجار SINJAR		موصل MOSUL		كركوك KIRKUK		خانقين KHANAQIN		رطبة RUTBAH	
	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DAYS	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	34.0	23.8	38.4	21.4	37.5	22.0	38.3	20.0	36.5	18.0
2	36.6	27.3	41.4	19.6	41.7	22.2	40.6	17.8	38.5	20.0
3	38.2	26.8	41.0	23.8	41.4	25.0	41.7	20.0	38.0	21.6
4	39.1	27.6	41.5	22.4	41.0	24.6	41.1	21.7	38.3	20.0
5	38.0	27.3	41.8	20.6	41.8	27.4	42.2	25.0	37.5	21.2
6	37.8	30.2	41.5	24.3	42.5	26.5	42.2	23.9	37.3	20.6
7	37.0	28.2	40.8	20.6	41.5	25.6	41.7	23.3	38.4	20.0
8	37.6	28.5	41.2	18.9	41.1	24.3	41.7	20.6	39.8	19.5
9	38.1	29.0	41.0	19.2	41.4	24.5	42.2	21.6	40.5	20.5
10	38.5	29.3	41.4	19.0	42.0	25.1	42.8	22.2	39.6	19.5
11	37.9	30.1	42.0	19.2	42.0	26.2	42.2	21.1	39.0	20.5
12	36.8	30.3	40.4	19.1	42.9	24.6	42.2	22.2	35.0	20.6
13	37.0	25.2	40.8	23.2	42.1	28.6	42.2	27.2	36.0	20.5
14	38.6	26.0	42.2	21.9	41.5	28.6	40.6	26.7	37.5	19.0
15	38.3	30.2	41.4	19.2	41.3	29.4	40.6	23.3	39.2	18.0
16	37.9	29.1	41.4	19.1	41.3	24.9	41.1	22.2	40.0	19.4
17	38.6	24.3	41.5	19.4	41.5	25.0	40.6	20.0	40.0	23.8
18	35.5	25.8	40.4	21.6	40.7	24.8	41.7	21.1	35.0	21.4
19	30.0	21.8	36.0	18.3	37.8	23.0	39.4	20.6	31.2	17.6
20	28.7	20.6	33.5	16.1	34.4	21.3	35.6	19.4	31.5	16.2
21	29.6	20.0	32.4	13.4	33.0	20.5	34.4	14.4	33.0	14.2
22	30.5	21.9	34.2	13.7	34.0	19.0	34.4	15.0	34.0	14.5
23	32.7	23.4	35.2	14.3	36.0	19.7	35.0	13.3	34.6	16.0
24	33.0	24.1	35.3	14.2	36.4	20.6	35.6	15.6	35.0	17.4
25	33.6	24.3	36.2	14.2	36.6	19.0	37.2	16.7	35.0	17.6
26	36.2	23.8	37.3	15.0	37.7	20.4	38.3	18.9	37.0	17.5
27	35.5	22.7	38.4	15.2	38.9	22.9	38.3	19.4	35.5	18.5
28	33.4	24.0	36.9	17.8	38.2	23.4	38.3	27.8	34.0	16.2
29	28.6	19.8	28.0	19.6	28.5	23.5	33.9	20.0	34.6	16.2
30	28.8	20.3	33.4	14.4	32.3	18.5	34.4	17.2	33.0	17.0
MEANS	35.2	25.2	38.6	18.6	39.0	23.7	39.4	20.6	36.8	18.8
DEPARTURE FROM NORMAL	....	....	-0.3	+1.8	+0.8	+1.6	+0.1	-0.2	+1.2	+1.5

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
SINJAR	39.1	6th	1965	14.2	25th	1964
MOSUL	47.2	?	1935	6.9	24th	1956
KIRKUK	46.1	2nd	1945	9.5	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 والصغرى اليومية (سنتغراد)

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

	حبانية		بغداد		نخيب		حي	
	HABBANIYA		BAGHDAD		NUKHAIB		HAI	
الايام	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DAYS	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	37.2	21.1	38.6	21.6	38.3	21.0	40.2	24.6
2	40.6	21.4	41.0	21.0	40.4	22.0	40.8	21.3
3	41.7	22.2	41.8	21.4	40.5	22.5	42.3	21.0
4	43.4	22.5	42.1	22.8	42.0	24.0	43.6	24.0
5	43.4	23.0	43.2	26.7	42.1	22.4	45.0	27.4
6	42.0	24.3	42.8	22.2	40.5	22.3	44.8	22.4
7	43.0	25.0	43.0	21.4	41.2	22.2	44.3	24.6
8	42.9	22.5	43.0	24.4	41.1	22.4	45.0	26.0
9	43.3	22.7	43.3	20.9	42.3	22.2	45.5	25.2
10	43.2	21.6	43.7	22.2	42.4	22.0	45.2	24.0
11	43.4	22.8	44.3	21.5	42.5	22.0	45.6	23.2
12	43.9	21.9	43.2	27.0	40.0	23.4	43.8	25.0
13	40.5	20.5	40.7	23.1	40.0	23.0	42.2	26.0
14	41.0	24.5	39.9	22.3	40.3	21.8	42.2	20.3
15	42.0	23.5	41.0	23.7	40.2	20.3	43.0	25.0
16	42.1	22.2	42.5	21.5	40.6	20.5	43.0	21.5
17	42.9	21.1	43.5	21.4	42.5	21.5	42.8	23.0
18	39.3	23.1	42.4	21.5	39.2	22.8	43.6	23.2
19	36.3	20.4	39.3	21.1	35.1	20.5	43.8	24.0
20	35.0	20.0	36.4	23.5	34.5	18.0	40.8	24.6
21	33.9	21.4	34.8	20.2	33.6	19.0	37.6	22.6
22	35.2	17.2	35.8	17.3	34.7	16.5	37.0	19.0
23	37.0	18.4	36.8	15.3	34.6	17.4	38.4	18.8
24	37.1	18.5	37.6	18.1	36.8	17.5	40.5	19.0
25	37.8	18.5	37.8	19.2	38.4	20.0	40.6	21.6
26	40.0	19.2	40.2	23.3	38.9	20.0	40.4	22.0
27	39.5	19.2	40.4	23.0	38.4	18.2	41.2	20.2
28	38.1	20.0	38.0	22.7	36.0	20.2	39.6	25.0
29	35.0	23.0	35.9	22.4	35.5	18.2	39.2	23.0
30	37.0	19.5	35.9	22.5	35.7	18.0	39.5	20.0
MEANS	40.1	21.4	40.3	21.8	38.9	20.7	42.1	22.9
DEPARTURE FROM NORMAL	+0.1	0.0	+0.4	+0.8	....	....	+1.2	+0.3

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
HABBANIYA	48.4	2nd	1945	11.1	30th	1938
BAGHDAD	46.6	2&6th	1945	10.5	30th	1938
NUKHAIB	42.8	6th	1964	15.4	19th	1964
HAI	48.4	16th	1945	15.0	28th	1961

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TABLE 4 - C .

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درجات الحرارة العظمى والصغرى المئوية (سنتغراد)

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

	نجف		ديوانية		ناصرية		بصرة	
	NAJAF		DIWANIYA		NASIRIYA		BASRAH	
الايام	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DAYS	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	40.0	25.2	39.2	21.5	39.1	24.8	36.2	26.2
2	41.6	25.0	40.6	24.6	39.7	22.6	36.3	24.5
3	42.2	27.1	41.6	21.8	43.2	22.4	37.8	22.4
4	42.5	26.4	42.8	22.5	44.0	23.6	42.0	22.4
5	43.6	27.2	44.0	24.5	44.7	28.3	44.2	26.0
6	43.3	25.9	42.7	21.5	44.7	24.1	41.9	26.2
7	44.2	28.2	43.7	24.8	44.2	23.5	42.0	25.3
8	43.0	25.2	43.7	26.5	44.3	24.7	40.3	24.4
9	45.2	27.0	45.0	23.0	45.0	24.8	41.8	24.2
10	44.4	27.7	44.0	24.0	45.2	24.8	41.5	25.2
11	43.2	25.3	45.0	24.0	44.9	24.0	44.7	21.7
12	44.4	25.8	42.7	26.3	46.0	25.0	44.0	24.1
13	41.2	23.4	41.6	21.5	42.9	25.5	37.9	28.4
14	41.2	23.5	41.5	20.0	42.9	23.0	43.8	28.6
15	42.7	24.8	42.3	20.2	42.6	23.1	41.7	25.2
16	42.4	25.2	42.5	23.5	43.1	22.9	40.4	25.2
17	42.2	23.2	42.2	22.2	45.7	24.0	38.7	22.7
18	44.4	29.8	44.6	22.0	43.1	22.2	39.0	22.2
19	39.5	23.1	41.3	21.6	44.3	23.8	44.2	22.2
20	37.2	24.2	38.5	24.0	41.5	23.4	40.0	25.2
21	35.7	22.0	36.0	20.2	38.0	22.9	37.3	25.4
22	36.2	21.4	36.0	17.3	37.0	19.4	34.8	21.5
23	36.4	21.1	37.5	17.0	38.3	19.0	35.9	20.5
24	39.3	21.8	39.3	19.5	39.7	20.3	36.7	21.1
25	38.8	21.5	40.2	23.8	39.8	20.9	38.2	20.1
26	40.2	21.6	40.0	19.6	39.8	21.4	39.6	20.6
27	40.7	21.7	41.3	21.1	42.8	22.2	41.7	22.3
28	38.4	27.0	39.0	23.0	37.4	28.3	40.4	24.4
29	37.4	25.6	38.2	24.3	40.0	24.4	40.3	25.8
30	38.0	20.7	39.0	18.0	39.3	21.6	39.4	25.0
MEANS	41.0	24.3	41.0	22.1	42.1	23.3	40.1	24.0
DEPARTURE FROM NORMAL	....	....	+1.1	+1.4	+0.6	+1.8	+0.8	+1.6

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
NAJAF	45.6	17th	1963	16.3	23rd	1964
DIWANIYA	46.6	1st	1945	11.6	25&28th	1943
NASIRIYA	48.9	6th	1940	13.9	23rd	1940
BASRAH	46.6	9th	1951	13.1	16th	1958

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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
SINJAR	....	26.6	30.4	33.5	34.5	33.3	29.5	....	31.3
MOSUL	21.6	19.5	27.2	35.7	37.7	35.2	28.3	23.8	28.6
KIRKUK	26.0	24.7	31.8	37.1	38.4	35.6	30.1	27.7	31.4
KHANAQIN	....	22.4	32.9	37.7	38.9	35.8	30.3	....	33.0
RUTBAH	21.2	19.8	26.0	33.5	35.8	33.8	27.7	24.1	27.7
HABBANIYA	23.9	22.0	29.1	37.9	39.9	35.2	28.8	27.1	30.5
BAGHDAD	25.4	23.1	30.5	38.1	39.8	37.7	33.7	27.4	31.9
NUKHAIB	....	....	29.2	36.2	38.3	37.1	30.7	....	34.3
HAI	....	23.6	31.6	40.3	41.5	35.5	30.1	....	33.8
NAJAF	27.1	25.2	30.9	38.1	40.5	38.5	32.4	29.5	32.8
DIWANIYA	24.9	22.9	31.7	39.5	40.8	35.8	29.4	26.8	31.5
NASIRIYA	26.0	24.1	31.8	39.8	41.4	37.5	31.1	28.1	32.5
BASRAH	26.0	24.6	31.2	38.0	39.1	34.1	30.4	27.9	31.4

TABLE 6 . MONTHLY MEAN VAPOUR PRESSURE (MILLIBARS) ضغط البخار بالملبارات

SINJAR	....	6.7	7.3	7.0	6.5	6.1	6.3	....	6.6
MOSUL	11.0	10.7	11.4	13.1	12.4	13.3	12.5	11.9	12.0
KIRKUK	7.7	7.8	9.1	7.5	7.2	7.6	8.5	8.0	7.9
KHANAQIN	....	8.9	11.3	11.0	11.4	10.7	10.5	....	10.6
RUTBAH	7.9	8.3	8.7	7.5	6.7	7.2	7.5	7.4	7.7
HABBANIYA	14.2	13.4	15.7	13.1	12.3	15.5	14.5	13.7	14.1
BAGHDAD	11.3	11.3	12.6	12.0	10.8	12.3	12.7	12.1	11.9
NUKHAIB	....	....	8.1	7.7	7.3	7.5	7.4	....	7.6
HAI	....	12.0	15.9	15.1	14.8	15.5	13.7	....	14.8
NAJAF	11.5	11.2	12.4	11.9	11.9	12.4	12.8	12.1	12.0
DIWANIYA	11.7	11.5	14.0	12.8	12.1	15.5	13.2	12.0	12.9
NASIRIYA	11.3	10.5	11.0	10.8	9.7	13.6	13.8	13.5	11.8
BASRAH	20.1	19.7	22.9	22.8	22.3	24.4	22.8	21.3	22.0

TABLE 7 MONTHLY MEAN WET-BULB TEMPERATURES(C°) حرارة البصلة الرطبة (سنتغراد)

SINJAR	....	14.3	16.3	17.4	17.5	16.8	15.4	....	16.3
MOSUL	14.6	13.5	17.0	21.0	21.4	20.9	18.0	16.0	17.8
KIRKUK	14.6	14.2	17.7	18.9	19.2	18.4	16.9	12.2	16.5
KHANAQIN	....	13.7	19.1	20.7	21.3	19.9	17.9	....	18.8
RUTBAH	12.7	12.2	15.3	17.6	18.2	17.6	15.3	13.7	15.3
HABBANIYA	17.4	16.0	19.7	21.7	21.9	21.5	19.1	17.9	19.4
BAGHDAD	16.3	15.3	18.9	21.3	21.4	21.3	19.1	17.4	18.9
NUKHAIB	....	....	16.2	18.7	19.4	19.0	16.5	....	18.0
HAI	....	15.4	20.1	23.7	22.5	24.1	18.5	....	20.3
NAJAF	17.1	16.1	18.9	21.3	22.0	21.6	19.6	18.2	19.4
DIWANIYA	16.3	15.4	20.2	22.1	22.2	21.9	18.7	17.1	19.2
NASIRIYA	16.6	15.3	18.6	21.4	21.5	21.8	19.6	18.4	19.2
BASRAH	20.5	19.8	23.4	25.5	25.6	24.9	23.1	21.7	23.1

TABLE 8 MONTHLY MEAN DEW-POINT(C°) درجة الندى (سنتغراد)

SINJAR	....	0.9	3.3	1.4	0.3	0.5	0.2	....	1.1
MOSUL	8.3	7.9	8.6	10.8	9.9	11.0	10.1	9.4	9.8
KIRKUK	2.9	3.1	5.2	2.3	1.8	2.7	4.9	3.5	3.3
KHANAQIN	....	5.0	8.5	8.3	8.7	7.8	7.7	....	7.7
RUTBAH	3.2	3.8	4.5	2.2	1.1	1.8	2.6	2.5	2.7
HABBANIYA	11.8	10.9	13.3	10.6	9.7	13.2	12.2	11.3	11.6
BAGHDAD	8.7	8.6	10.2	9.3	7.8	9.7	10.3	9.4	9.1
NUKHAIB	....	....	3.6	2.9	2.3	2.5	2.5	..	2.8
HAI	....	9.6	13.9	13.0	12.6	13.3	11.6	....	12.3
NAJAF	8.8	8.3	9.7	9.1	9.0	10.0	10.6	9.5	9.4
DIWANIYA	9.2	8.8	12.4	10.4	9.5	13.0	10.9	9.4	10.5
NASIRIYA	8.6	7.4	8.2	7.9	6.2	11.2	11.3	11.1	9.0
BASRAH	17.1	16.6	19.2	19.1	18.6	20.4	19.2	18.0	18.5

TABLE 9 . المعدل الشهري للرطوبة النسبية (٪)

MONTHLY MEAN RELATIVE HUMILITY (٪)

STATIONS	T I M E - G. M. T. 0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	,,	20	19	15	13	13	17	,,	16
MOSUL	44	48	32	23	19	24	33	41	33
KIRKUK	24	26	20	13	11	14	21	23	19
KHANAQIN	,,	33	23	17	17	18	25	,,	21
RUTBAH	31	37	27	15	12	14	25	25	23
HABBANIYA	38	50	39	20	17	27	36	40	34
BAGHDAD	35	41	29	18	15	19	31	34	28
NUKHAIB	,,	,,	21	13	11	12	17	,,	15
HAI	,,	41	34	20	18	27	32	,,	29
NAJAF	32	35	28	18	16	18	26	30	25
DIWANIYA	38	42	32	18	16	26	33	34	30
NASIRIYA	34	35	23	15	12	21	30	36	26
BASRAH	60	63	50	35	32	45	53	57	49

TABLE 10 MONTHLY MEAN PRESSURE(MBS) AT M.S.L. الضغط الجوي على سطح البحر

SINJAR	,,,,	09.0	09.0	07.9	06.9	06.6	08.0	,,,,	1007.9
MOSUL	08.7	09.5	09.6	08.2	06.5	06.2	07.9	08.6	1008.1
KIRKUK	07.7	08.4	08.2	07.2	05.8	05.6	07.5	07.9	1007.3
KHANAQIN	,,,,	06.6	06.9	06.0	05.0	05.0	07.2	,,,,	1006.5
RUTBAH	08.0	08.7	09.7	08.7	07.7	07.5	08.4	08.0	1008.3
HABBANIYA	06.7	07.2	08.1	07.6	06.2	05.9	06.9	06.9	1006.9
BAGHDAD	06.4	07.0	08.0	07.1	06.1	05.9	07.2	06.6	1006.8
NUKHAIB	,,,,	,,,,	09.3	08.0	06.3	05.2	07.8	,,,,	1007.5
HAI	,,,,	05.9	06.3	06.6	05.2	04.7	06.0	,,,,	1005.8
NAJAF	06.1	06.7	07.8	07.2	05.6	05.3	06.1	06.6	1006.4
DIWANIYA	06.5	07.0	07.8	07.4	05.9	05.7	06.7	06.9	1006.7
NASIRIYA	05.7	06.2	07.2	06.8	05.3	05.1	06.2	06	1006.1
BASRAH	05.7	06.3	07.5	07.0	05.7	05.5	06.4	06.5	1006.3

TABLE 11 MONTHLY MEAN TOTAL CLOUD AMOUNT (OKTAS) مجموع كمية الغيم (اثمان)

SINJAR	,,,	1.8	1.8	2.0	2.4	1.8	0.7	,,,	1.8
MOSUL	0.6	1.4	1.5	1.8	1.9	1.5	0.7	0.7	1.3
KIRKUK	0.5	0.7	0.7	0.9	1.2	1.0	0.6	0.4	0.8
KHANAQIN	,,,	1.0	1.1	1.7	1.7	1.6	1.0	,,,	1.4
RUTBAH	0.1	0.4	0.5	0.6	1.1	0.7	0.2	0.1	0.5
HABBANIYA	0.4	0.7	0.5	0.6	0.8	1.0	0.8	0.5	0.7
BAGHDAD	0.4	0.9	0.6	0.5	0.8	1.0	0.7	0.6	0.7
NUKHAIB	,,,	,,,	0.3	0.5	0.7	0.8	0.2	,,,	0.5
HAI	,,,	1.3	1.1	1.2	1.2	1.4	0.8	,,,	1.2
NAJAF	0.2	0.9	0.7	0.8	1.1	1.3	0.5	0.4	0.7
DIWANIYA	0.4	0.7	0.7	0.7	1.1	1.2	0.6	0.5	0.7
NASIRIYA	0.3	1.0	1.2	1.6	1.5	1.3	0.5	0.2	1.0
BASRAH	0.7	1.2	1.0	1.0	1.4	1.7	0.8	0.7	1.1

TABLE 12 MONTHLY MEAN LOW CLOUD AMOUNTS (OKTAS) كمية الغيم الواطئة (اثمان)

SINJAR	,,,	0.5	0.3	0.6	1.0	0.4	0.2	,,,	0.5
MOSUL	0.3	1.0	1.0	0.5	0.6	0.8	0.5	0.4	0.6
KIRKUK	0.3	0.5	0.5	0.6	0.9	0.8	0.3	0.3	0.5
KHANAQIN	,,,	0.9	0.9	0.8	1.3	1.2	0.7	,,,	1.0
RUTBAH	0.0	0.0	0.0	0.0	0.7	0.5	0.1	0.1	0.2
HABBANIYA	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1
BAGHDAD	0.2	0.2	0.0	0.0	0.0	0.1	0.2	0.3	0.1
NUKHAIB	,,,	0.1	0.1	0.2	0.3	0.1	0.8	,,,	0.1
HAI	,,,	0.0	0.0	0.0	0.0	0.0	0.0	,,,	0.0
NAJAF	0.0	0.5	0.2	0.3	0.5	0.7	0.4	0.2	0.4
DIWANIYA	0.0	0.1	0.0	0.2	0.5	0.4	0.2	0.3	0.2
NASIRIYA	0.0	0.4	0.7	0.9	0.9	0.9	0.3	0.0	0.5
BASRAH	0.0	0.3	0.1	0.0	0.2	0.3	0.0	0.0	0.1

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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	سكون CALM	SPEED IN KNOTS السرعة بالعقد 1-10	11-21	22-33	34≤	معدل السرعة بالعقد MEAN V.K.
سنجار SINJAR	0300	16	2	1	0	0	0	2	8	1	26	2	1	0	8
	0600	2	2	4	0	1	0	5	7	9	21	0	0	0	5
	0900	0	3	2	0	10	0	8	6	1	28	1	0	0	7
	1200	0	1	3	1	11	0	10	1	3	16	11	0	0	10
	1500	2	0	0	1	8	2	12	2	3	21	6	0	0	7
	1800	7	1	1	0	0	2	10	6	3	25	2	0	0	7
	TOTAL	27	9	11	2	30	4	47	30	20	137	22	1	0	7
موصل MOSUL	0000	0	0	0	0	4	0	6	2	18	12	0	0	0	2
	0300	0	0	0	0	2	0	11	6	11	19	0	0	0	3
	0600	6	0	2	0	2	0	2	6	2	27	1	0	0	5
	0900	6	2	4	1	4	0	2	5	6	23	1	0	0	4
	1200	6	3	1	1	3	0	8	8	0	25	5	0	0	6
	1500	7	1	1	0	1	1	7	6	6	22	2	0	0	4
	1800	1	0	0	0	4	2	12	4	7	22	1	0	0	4
	2100	0	0	0	0	3	2	8	2	15	15	0	0	0	2
	TOTAL	26	6	8	2	23	5	56	49	65	165	10	0	0	4
كركوك KIRKUK	0000	1	13	5	0	0	0	0	0	11	19	0	0	0	3
	0300	0	13	0	0	0	0	0	0	17	13	0	0	0	2
	0600	0	1	2	2	0	0	0	0	25	5	0	0	0	1
	0900	1	1	0	1	1	1	9	0	16	13	1	0	0	3
	1200	2	1	0	1	1	3	13	0	9	18	3	0	0	5
	1500	0	2	0	0	1	1	12	1	13	17	3	0	0	3
	1800	0	1	0	0	0	0	2	0	27	3	0	0	0	1
	2100	0	8	2	0	0	0	1	0	19	10	1	0	0	2
	TOTAL	4	40	9	4	3	5	37	1	137	98	5	0	0	3
خانقين KHANAQIN	0300	0	0	11	8	0	0	0	0	11	17	2	0	0	3
	0600	1	0	7	0	5	1	1	0	15	15	0	0	0	3
	0900	5	0	1	0	5	1	8	6	4	24	1	1	0	5
	1200	3	0	0	0	5	1	13	8	0	28	2	0	0	7
	1500	5	0	1	0	4	1	16	3	0	29	0	1	0	6
	1800	1	1	2	2	5	0	8	2	9	20	0	1	0	4
	TOTAL	15	1	22	10	24	4	46	19	39	133	5	3	0	5
رطبة RUTBAH	0000	1	0	1	0	2	1	5	3	17	10	3	0	0	4
	0300	0	0	1	2	6	0	8	3	10	18	2	0	0	4
	0600	9	0	0	1	2	4	3		9	20	1	0	0	4
	0900	7	0	7	1	7	0	3	2	3	23	4	0	0	5
	1200	5	0	4	2	5	0	9	2	3	26	1	0	0	5
	1500	6	1	5	1	2	0	8	1	6	24	0	0	0	3
	1800	6	1	2	2	1	1	4	1	12	17	1	0	0	3
	2100	2	0	2	1	0	0	6	1	18	7	5	0	0	3
	TOTAL	36	2	22	10	25	4	47	16	78	145	17	0	0	4

TABLE 13 b. عدد تكرار رصدات الرياح السطحية

SURFACE - WIND NUMBER OF OBSERVATIONS OF:

المحطة STATIONS	وقت كرينتش TIME GMT.	DIRECTIONS الاتجاه N	NE	E	SE	S	SW	W	NW	ساكن CALM	SPEED IN KNOTS السرعة بالعقد 1-10	11-21	22-33	≥34	معدل السرعة MEAN V. K
حبانية	0000	2	0	1	0	1	1	1	1	23	7	0	0	0	1
	0300	2	0	1	0	0	0	6	5	16	14	0	0	0	2
	0600	5	0	1	0	0	1	4	13	6	21	3	0	0	5
	0900	10	2	2	1	0	2	5	5	3	24	3	0	0	7
KABBANIYA	1200	3	2	2	0	2	1	5	13	2	23	5	0	0	7
	1500	10	0	1	0	1	2	0	5	11	18	1	0	0	3
	1800	1	1	3	1	0	1	1	4	18	11	1	0	0	3
	2100	0	2	1	0	0	1	1	2	23	7	0	0	0	1
	TOTAL	33	7	12	2	4	9	23	48	102	125	13	0	0	4
بغداد	0000	5	6	1	0	1	0	1	7	9	19	2	0	0	5
	0300	1	3	4	1	1	1	2	7	10	18	2	0	0	4
	0600	2	0	1	2	1	0	2	13	9	17	4	0	0	6
	0900	4	0	2	3	2	1	4	12	2	15	13	0	0	9
BAGHDAD	1200	6	1	1	1	2	2	2	15	0	20	10	0	0	10
	1500	7	0	1	2	1	2	1	14	2	27	1	0	0	6
	1800	1	1	0	0	1	2	2	10	13	15	2	0	0	3
	2100	3	3	1	0	1	0	1	11	10	19	1	0	0	4
	TOTAL	29	14	11	9	10	8	15	89	55	150	35	0	0	6
نخيب	0600	16	4	1	0	2	4	1	0	2	22	6	0	0	7
	0900	9	3	5	1	5	1	1	1	4	23	3	0	0	6
NUKHAIB	1200	10	0	2	0	4	2	4	2	6	20	4	0	0	6
	1500	10	3	1	1	1	1	5	0	8	19	3	0	0	5
	1800	6	5	3	0	3	0	1	1	11	1	18	0	0	4
	TOTAL	51	15	12	2	15	8	12	4	31	85	34	0	0	5
حي	0300	4	1	1	1	0	0	6	9	8	21	1	0	0	4
	0600	2	0	3	2	0	1	4	8	10	20	0	0	0	4
	0900	3	1	4	2	3	1	2	10	4	19	7	0	0	7
HAI	1200	5	0	1	3	1	3	2	9	6	16	7	1	0	7
	1500	1	0	2	1	0	0	3	14	9	20	1	0	0	4
	1800	5	0	1	2	0	0	3	10	9	19	2	0	0	5
	TOTAL	20	2	12	11	4	5	20	60	46	115	18	1	0	5
نجف	0000	11	1	1	0	0	4	3	10	0	28	2	0	0	6
	0300	14	1	1	0	0	4	4	5	1	26	3	0	0	6
	0600	18	0	1	1	2	2	3	3	0	29	1	0	0	6
	0900	15	1	1	2	2	3	1	3	2	24	4	0	0	7
NAJAF	1200	17	2	0	4	0	1	3	2	1	22	7	0	0	8
	1500	16	2	3	1	1	1	2	4	0	30	0	0	0	5
	1800	13	4	3	0	2	1	1	4	2	26	2	0	0	6
	2100	10	2	5	1	1	1	3	5	2	27	1	0	0	5
	TOTAL	114	13	15	9	8	17	20	36	8	212	20	0	0	6

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(13)

ايلول ١٩٦٥

TABLE 13 C .

عدد تكرار رصدات الرياح السطحية

SURFACE - WIND NUMBER OF OBSERVATIONS OF:

المحطة STATIONS	وقت كرينتش TIME GMT.	الاتجاه DIRECTIONS N	NE	E	SE	S	SW	W	NW	ريح سكون CALM	السرعة بالعقد SPEED IN KNOTS 1-10	11-21	22-33	34+	معدل السرعة بالعقد MEAN V.K.
ديوانية DIWANIYA	0000	11	1	1	1	0	0	6	1	9	19	2	0	0	5
	0300	4	3	2	0	0	1	8	4	8	21	1	0	0	4
	0600	12	1	1	1	0	0	2	3	2	24	4	0	0	6
	0900	10	1	0	2	0	0	4	4	2	18	10	0	0	9
	1200	13	0	1	0	1	1	7	3	4	16	10	0	0	8
	1500	13	1	2	1	0	1	5	2	6	22	2	0	0	4
	1800	13	0	1	1	1	0	5	2	7	23	0	0	0	4
	2100	5	3	3	1	0	0	8	3	7	23	0	0	0	4
	TOTAL	81	9	11	7	2	8	55	22	45	166	29	0	0	6
ناصرية NASIRIYA	0000	2	0	1	0	2	4	5	12	4	19	7	0	0	7
	0300	2	1	0	1	2	4	8	7	5	25	0	0	0	5
	0600	1	0	1	1	1	5	11	10	0	26	4	0	0	7
	0900	2	0	1	3	0	3	5	15	1	22	7	0	0	8
	1200	5	0	1	1	0	2	3	16	2	19	9	0	0	8
	1500	7	0	4	2	3	0	1	10	6	22	2	0	0	5
	1800	1	0	3	3	1	1	2	16	3	27	0	0	0	6
	2100	3	0	2	2	1	0	1	12	9	19	2	0	0	5
	TOTAL	23	1	13	13	7	19	36	98	30	179	31	0	0	6
بصرة BASRAH	0000	1	1	3	0	5	3	4	13	0	24	6	0	0	6
	0300	4	1	1	1	5	2	6	9	1	25	4	0	0	6
	0600	4	2	3	2	1	2	1	13	2	21	7	0	0	7
	0900	8	0	3	2	3	1	1	12	1	21	8	0	0	7
	1200	6	0	3	2	1	0	2	16	0	24	6	0	0	8
	1500	6	0	2	3	2	0	2	15	0	29	1	0	0	6
	1800	5	2	1	0	4	2	4	11	1	27	2	0	0	5
	2100	1	2	3	1	4	1	4	12	2	24	4	0	0	6
	TOTAL	35	8	19	11	25	10	24	10	7	195	38	0	0	6

TABLE 14.

اعلى سرعة ريح حدثت خلال ساعة

HIGHEST WIND-SPEED, DURING ONE HOUR.

STATIONS	HIGHEST WIND-SPEED DURING ONE HOUR (V.K.)	DIRECTION	TIME GMT.	DAY
SINJAR	24	350	0300	30th
MOSUL	18	270	1800	19th
KIRKUK	15	230	1200	18th
KHANAQIN	26	050	1800	13th
RUTBAH	20	350	0000	13th
HABBANIYA	16	340	0900	2nd
BAGHDAD	20	230	1200	5th
NUKHAIB	20	360	1200	13th
HAI	23	340	1200	2nd
NAJAF	14	340	1200	14th
DIWANIYA	18	340	0900	2nd
NASIRIYA	17	350	1200	9th
BASRAH	17	360	0600	21st

SEPTEMBER 1965 TABLE 16. أيلول ١٩٦٥ القراءات اليومية لحرارة العشب والتربة (سنتغراد) والتبخر (ملليمترات) (47)

DAILY GRASS MINIMUM TEMPERATURES C°, AND, SOIL TEMPERATURES C° OF 0.3 & 1.2 METERS AND EVAPORATION (MILLIMETERS)

	MOSUL	KIRKUK			HARTHANIYA			BAGHDAD			NAJAF		NASIRIYA			BASRAH	BAGHDAD
DAYS	0.3M	GRASS	0.3M	1.2M	GRASS	0.3	1.2M	GRASS	0.3M	1.2M	0.3M	1.2M	GRASS	0.3M	1.2M	GRASS	EVAPORATION
1	30.2	16.0	27.4	30.0	21.1	36.7	34.4	17.5	34.5	32.0	35.3	34.0	24.0	36.8	33.3	17.4	10.0
2	29.6	16.6	27.1	30.0	21.0	35.1	34.4	17.0	34.0	32.0	35.2	34.1	21.5	35.4	33.3	18.0	14.0
3	28.8	15.9	26.8	29.8	21.4	35.9	34.2	16.0	32.0	28.9	35.2	36.3	21.3	34.5	33.2	15.9	16.0
4	28.6	15.6	26.7	29.6	22.0	35.9	34.0	17.8	33.6	31.9	35.5	36.8	22.1	34.9	33.2	14.7	11.0
5	28.2	21.5	26.8	29.4	22.7	35.9	33.9	21.7	34.5	31.9	36.4	36.0	26.5	35.5	33.0	19.0	12.0
6	27.8	18.6	27.3	29.4	23.4	35.7	33.9	19.2	33.3	31.6	35.6	36.0	22.6	35.6	33.0	20.2	11.0
7	27.9	18.9	28.1	29.4	23.0	35.9	33.9	17.6	34.2	32.0	36.3	36.0	22.0	35.7	33.0	19.3	10.0
8	27.7	15.5	28.4	29.4	21.6	35.9	33.8	18.7	34.2	31.8	35.8	35.6	23.8	35.4	32.9	18.3	11.0
9	27.7	16.7	27.2	29.4	21.7	35.9	33.8	17.0	33.8	31.8	35.7	35.5	23.8	35.2	32.9	17.4	12.0
10	27.5	16.8	27.8	29.4	21.1	35.9	33.6	17.6	34.3	31.8	35.7	35.9	23.8	35.2	32.8	16.9	10.0
11	27.4	22.5	27.8	29.4	22.0	35.7	33.6	18.0	33.8	31.6	35.6	35.1	23.7	35.2	32.8	15.2	10.0
12	27.0	17.6	28.3	29.4	21.0	35.6	33.5	19.3	34.1	31.7	35.7	35.6	23.2	35.1	32.8	17.9	10.0
13	26.5	24.4	28.3	29.4	19.7	35.5	33.5	18.6	33.9	31.7	35.0	34.8	24.6	35.5	32.7	22.9	12.0
14	28.1	25.0	29.0	29.4	23.0	35.1	33.5	19.8	33.5	31.6	35.4	35.8	22.1	35.2	32.7	23.0	11.0
15	25.8	21.8	28.4	29.4	22.7	35.1	33.4	20.5	33.5	31.6	35.0	34.8	21.6	35.0	32.7	19.2	10.0
16	25.6	18.1	28.8	29.4	20.6	35.0	33.4	18.4	33.0	31.5	34.9	34.5	22.3	34.8	32.6	19.7	9.0
17	25.2	18.5	26.9	29.4	20.6	34.9	33.4	16.2	33.2	31.6	35.6	34.4	23.1	34.5	32.6	17.3	11.0
18	25.2	17.5	27.3	29.4	21.6	34.9	33.4	17.0	33.0	31.5	34.7	34.3	21.5	34.5	32.5	15.9	11.0
19	24.6	16.5	27.6	29.4	20.0	34.5	33.3	17.0	32.9	31.5	34.7	35.3	23.0	34.3	32.5	16.0	11.0
20	24.1	14.4	26.6	29.4	19.1	34.1	33.2	20.4	32.6	31.0	34.9	35.2	22.6	34.4	32.5	18.2	13.0
21	23.8	16.2	26.6	29.4	20.0	33.7	33.2	17.0	30.2	31.5	34.7	35.2	21.7	33.9	32.5	20.3	12.0
22	23.6	12.5	26.3	29.3	16.6	33.1	33.1	12.8	30.8	31.4	32.6	35.0	18.9	33.0	32.4	17.3	10.0
23	22.9	13.1	25.1	29.0	17.2	32.7	32.9	11.0	30.4	31.4	32.0	34.6	18.3	32.2	32.3	15.5	11.0
24	22.7	15.6	24.4	29.2	17.8	32.6	32.7	13.3	30.5	31.3	32.0	34.4	19.6	32.2	32.4	10.5	9.0
25	22.1	13.6	24.3	28.9	18.2	32.6	32.8	14.9	30.9	31.1	32.3	34.2	20.0	32.2	32.2	13.6	6.0
26	22.6	13.5	24.8	28.9	18.2	32.6	32.9	16.2	30.6	31.0	34.8	34.2	19.9	32.4	32.0	15.8	7.0
27	22.2	16.1	25.9	28.9	18.0	32.2	32.2	16.0	31.3	31.0	32.5	33.9	20.5	32.6	32.1	15.2	7.0
28	22.4	17.4	25.0	28.6	19.4	32.4	32.4	19.3	31.6	31.0	35.2	34.9	26.2	33.3	32.0	18.1	8.4
29	22.3	16.8	25.0	28.4	22.2	32.6	32.2	18.6	30.6	30.8	32.2	33.8	23.2	32.3	31.9	18.3	4.0
30	20.6	13.9	23.9	28.4	18.9	32.7	32.8	19.0	29.9	30.7	31.7	32.7	20.1	32.2	31.8	21.7	6.0
MEANS	25.5	17.2	26.8	29.3	20.5	34.6	33.4	17.5	32.6	31.7	34.5	35.0	22.3	34.3	32.6	17.6	10.2

CLASS A

CLIMATOLOGICAL SUMMARY: الملخصات المناخيـــة

NUMBER OF DAYS FOR THE CASES OF PHENOMENA عدد الايام التي حدثت فيها الظواهر الجويـــة

STATIONS	RAIN	SNOW	HAIL	THUNDER STORM	FOG	MIST	HAZE	RISING DUST	SUSPENDED DUST	DUST STORM	STATE OF SKY	
											CLEAR	CLOUDY
SINJAR	0	0	0	0	0	0	8	5	18	0	15	0
MOSUL	1	0	0	0	0	0	15	0	6	0	18	0
KIRKUK	2	0	0	2	0	0	1	5	0	1	25	0
KHANAQIN	1	0	0	0	0	0	0	1	0	0	21	0
RUTBAH	0	0	0	0	0	0	0	2	0	0	27	0
HABBANIYA	0	0	0	0	0	0	5	1	1	0	25	0
BAGHDAD	1	0	0	2	0	0	18	2	1	0	24	0
NUKHAIB	0	0	0	1	0	0	0	4	0	0	26	0
HAI	0	0	0	1	0	0	4	6	2	0	24	0
NAJAF	1	0	0	1	0	0	0	0	0	0	25	0
DIWANIYA	0	0	0	0	0	0	0	1	0	0	27	0
NASIRIYA	0	0	0	0	0	0	7	7	17	2	22	0
BASRAH	0	0	0	0	0	5	4	1	7	2	22	0

TABLE - 18.

DURATION OF SUNSHINE مدة سطوع الشمس بالساعات

STATION	MONTHLY TOTAL SUNSHINE HOURS	MAX. SUNSHINE DURING A DAY		No. OF DAYS WITHOUT SUNSHINE
		HOURS	DAY	
MOSUL	319.6	12.0	2nd	0
HABBANIYA	327.0	12.2	1st	0
BAGHDAD	305.3	11.8	1st	0
BASRAH	289.3	11.7	3rd	0

الجمهورية العراقيـــــة

وزارة المواصـــــلات

مديرية الطيران المدني العامـــــة

هيئة الانواء الجوية العامـــة

شعبة المنـــاخ

بغـــداد

معلومات مناخية لشهر تشرين الاول ١٩٦٥

مجلد ٢٨ ، عدد (١٠) تشرين الاول ١٩٦٥

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

MONTHLY CLIMATOLOGICAL DATA FOR OCTOBER

1 9 6 5

VOLUME 28, No. (10) OCTOBER 1965 .

اعداد و تنظيم و طبع و توزيع — شعبة المنـــاخ

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1-Sinjar 2-Mosul 3-Kirkuk 4-Khanaqin 5-Rutbah 6-Habbaniya 7-Baghdad 8-Nukhaib 9-Hai 10-Najaf 11-Diwaniya 12-Nasiriya 13-Basrah .

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1-Agra 2- Telaafar 3- Bakrajo 4-Halabja 5-Dunok 6-Iftikhar 7-Baiji 8-Tuzkhormato 9-Haditha 10-Samiras 11-Mansoor

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1-Badra 2- Kut 3- Hit 4-Alialgharbi 5-Rufaat 6-Ur 7-Ghabishiya 8-Fao 9-Aziziya .

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1-Ifraz 2-Fatha 3-Taqtaq 4-Dokan 5-Shaklawa 6- Kil 7-Rawanduz 8-Derbendikhan .

Page 19 :

1- Hawija 2-Salahaddin 3-Anah 4-Jalawlaa 5-Mandily 6-Gharraf 7-Maqil 8-Samawa .

NOTE: Geographical Data and Notes on Tables see 7 JANUARY 1965.

TABLE 1 - a. المعدل اليومي لدرجات الحرارة (سنتغراد)

DAILY MEAN TEMPERATURES(C°) OF 8 OBSERVATIONS

يوم DAYS	سنجار SINJAR	موصل MOSUL	كركوك KIRKUK	رطبة RUTBAH	حبانية HABBANIYA	بغداد BAGHDAD
1	26.4	23.2	26.4	24.6	28.0	29.7
2	27.2	23.7	27.0	25.0	28.4	27.6
3	26.6	24.1	25.4	22.0	25.6	25.6
4	25.9	24.1	26.4	22.2	25.5	26.3
5	23.4	20.4	23.8	20.3	25.9	26.5
6	18.8	20.8	25.0	18.9	26.1	26.7
7	17.8	20.3	23.6	19.1	24.8	25.2
8	17.0	17.9	21.2	20.3	23.9	22.7
9	18.4	18.3	21.1	16.2	22.8	23.8
10	20.4	18.9	21.8	18.3	23.3	24.3
11	22.1	19.9	23.4	21.2	25.3	24.7
12	23.6	21.2	25.5	22.7	25.5	25.6
13	20.9	21.5	25.3	21.7	24.8	25.1
14	20.4	22.2	26.3	22.8	27.1	27.9
15	20.9	21.2	25.4	20.4	25.8	26.6
16	19.4	18.1	23.2	21.3	25.4	27.2
17	20.5	20.6	25.6	20.8	25.5	26.2
18	21.1	21.8	22.4	18.8	24.0	24.8
19	19.9	18.4	20.2	18.5	21.5	22.8
20	18.5	17.2	19.0	20.2	21.7	23.5
21	21.4	19.7	21.8	19.8	24.1	25.2
22	21.5	20.5	22.0	18.3	22.5	24.2
23	20.1	19.0	21.6	20.3	23.3	24.2
24	16.2	17.8	21.1	18.6	23.0	24.3
25	13.6	13.7	14.7	14.5	18.8	19.2
26	13.2	12.4	13.8	13.6	15.9	17.5
27	12.7	10.6	12.4	11.9	15.4	16.7
28	14.1	12.4	15.4	11.1	15.2	15.8
29	15.1	13.0	15.9	11.8	15.4	15.9
30	16.4	13.2	16.8	13.2	15.1	16.1
31	16.6	12.6	16.3	14.5	14.6	14.9
MEANS	19.7	18.7	21.6	18.8	22.7	23.5
DEPARTURE FROM NORMAL	....	-1.4	-2.6	-2.3	-1.7	-1.2

NOTE : AT SINJAR OBSERVATIONS 0000 & 2100 ARE MISSED.

T I M E - G . M . T .

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

TABLE 1 - b. المعدل اليومي لدرجات الحرارة (سنتغراد)

DAILY MEAN TEMPERATURES (C°) OF 8 OBSERVATIONS

الايام	نخيب	حي	نجف	ديوانية	ناصرية	بصرة
DAYS	NUKHAIB	HAI	NAJAF	DIWANIYA	NASIRIYA	BASRAH
1	30.5	30.4	28.9	30.1	30.8	29.4
2	29.4	25.9	26.6	26.1	29.6	29.5
3	27.2	28.5	27.2	27.7	29.1	29.7
4	28.5	30.1	27.6	28.8	29.8	29.5
5	28.3	30.1	27.5	28.2	30.4	29.5
6	26.6	29.5	27.3	26.4	29.7	31.0
7	26.8	27.8	26.7	26.8	28.4	28.9
8	26.2	28.7	26.7	27.8	27.0	28.4
9	25.5	28.6	25.6	26.3	27.7	28.3
10	23.0	27.8	25.5	25.8	28.3	28.6
11	23.6	27.9	23.2	25.5	28.3	27.6
12	27.3	29.1	26.5	27.0	29.4	28.7
13	27.6	29.3	27.2	25.8	29.6	31.3
14	26.9	29.7	28.3	29.8	29.0	30.1
15	23.8	29.6	26.5	27.3	29.0	31.5
16	23.3	29.8	26.3	27.2	28.0	28.2
17	22.9	26.5	28.1	28.1	27.9	27.2
18	24.4	27.7	26.7	25.8	27.3	28.5
19	25.6	25.7	24.2	24.4	25.4	25.7
20	24.3	26.4	24.9	25.1	26.3	26.5
21	25.8	26.2	24.0	24.4	28.0	29.8
22	25.3	25.0	24.5	23.0	26.3	25.5
23	26.0	26.3	25.0	24.4	26.3	26.9
24	25.1	27.9	25.4	25.4	28.1	28.3
25	20.0	21.9	21.4	20.5	21.8	23.5
26	17.2	20.6	21.1	19.3	19.6	21.5
27	17.8	19.6	18.1	18.5	20.2	18.6
28	16.5	19.7	16.8	17.5	19.0	18.7
29	17.2	15.7	17.5	16.8	15.2	19.7
30	18.0	18.6	18.0	17.9	17.0	19.5
31	18.6	18.9	17.7	17.3	17.6	20.3
MEANS	24.0	26.2	24.6	24.7	26.1	26.8
DEPARTURE FROM NORMAL	....	-0.3	....	-1.3	+0.2	+0.9

NOTE : AT NUKHAIB OBSERVATIONS 0000,0300,1800 & 2100 ARE MISSED.
AT HAI OBSERVATIONS 0000 & 2100 ARE MISSED.

OCTOBER 1965. (ـــــ) تشرين الاول ١٩٦٥

TABLE 2 - B. المعدل اليومي للضغط الجوي على سطح البحر (ملليبارات)

DAILY MEAN PRESSURES (MILLIBARS) AT M.S.L. OF 8 OBSERVATIONS

يوم DAYS	سنجار SINJAR	موصل MOSUL	كركوك KIRKUK	رطبة RUTBAH	حبانية HABBANIYA	بغداد BAGHDAD
1	1013.5	1013.5	1012.7	1011.9	1011.2	1011.2
2	10.4	11.2	10.7	09.4	09.9	10.4
3	11.9	14.2	13.3	11.6	13.3	13.7
4	16.8	17.8	16.1	15.7	15.5	15.6
5	15.8	16.4	15.5	14.8	14.2	14.1
6	11.2	10.5	09.2	10.7	09.6	09.9
7	11.7	11.5	11.2	11.3	10.9	12.3
8	12.8	13.0	11.6	11.4	10.1	10.5
9	12.2	12.3	10.7	11.7	09.5	09.6
10	15.9	15.7	14.5	14.4	13.6	13.2
11	15.2	17.1	15.8	14.6	14.4	14.0
12	12.8	13.8	12.4	11.4	11.4	11.6
13	10.9	11.0	10.0	10.9	10.0	10.4
14	14.2	14.1	13.5	12.1	12.6	12.8
15	16.0	16.2	14.3	15.7	13.7	13.5
16	18.2	19.8	16.7	15.5	15.5	15.1
17	16.9	16.0	13.6	13.5	12.2	12.2
18	12.3	12.3	12.1	13.5	11.3	10.7
19	16.3	16.5	16.1	15.4	15.8	15.7
20	17.4	17.9	16.8	13.0	13.8	14.0
21	12.5	13.0	11.5	10.9	09.3	09.9
22	12.1	12.6	12.5	13.2	12.4	12.5
23	11.5	11.9	11.7	10.9	10.8	11.4
24	06.2	06.3	06.2	07.8	06.5	06.6
25	09.4	08.9	10.4	12.1	11.3	11.1
26	13.7	14.8	14.8	15.4	15.1	15.1
27	19.5	20.3	19.9	18.2	18.6	18.5
28	22.6	22.6	20.2	21.4	20.4	20.1
29	19.3	19.9	18.8	20.7	19.0	18.7
30	20.1	20.5	19.2	20.4	19.7	19.4
31	18.8	19.6	18.3	18.9	18.8	18.6
MEANS	1014.5	1014.9	1013.9	1013.8	1013.3	1013.3
DEPARTURE FROM NORMAL	....	+0.4	+0.8	-1.2	-0.1	+0.7

STATIONS	HIGHEST	DAY	TIME	YEAR	LOWEST	DAY	TIME	YEAR	
SINJAR	1023.8	3&29th	0300	1965	1005.3	24th	1200	1965	1965
MOSUL	1025.5	26th	0600	1965	1004.4	24th	1200	1965	
KIRKUK	1022.9	27th	2100	1965	1004.5	24th	1200	1965	
RUTBAH	1023.8	26th	0600	1965	1006.5	24th	0900	1965	
HABBANIYA	1022.3	28th	0600	1965	1004.9	24th	1200	1965	
BAGHDAD	1021.9	28th	0600	1965	1004.9	24th	1200	1965	
SINJAR	1023.8	3&29th	0300	1965	1005.3	24th	1200	1965	RECORD
MOSUL	1026.0	26th	0600	1950	1003.2	12th	1200	1948	
KIRKUK	1024.4	29th	0600	1947	1002.5	7th	1200	1950	
RUTBAH	1027.3	15th	0000	1948	1000.0	8th	1200	1962	
BAGHDAD	1023.4	29th	0300	1947	1003.8	11th	1500	1958	

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TABLE 2 b. المعدل اليومي للضغط الجوي على سطح البحر (ملليبارات)

DAILY MEAN PRESSURE (MILLIBARS) AT M.S.L. OF 8 OBSERVATIONS

اليوم DAYS	نخيب NUKHAIB	حي HAI	نجف NAJAF	ديوانية DIWANIYA	ناصرية NASIRIYA	بصرة BASRAH
1	1011.1	1010.2	1010.0	1010.3	1009.6	1010.1
2	12.1	10.5	10.4	10.7	09.7	09.5
3	12.9	12.2	12.4	13.0	11.8	11.8
4	15.0	14.3	14.3	14.6	13.5	13.9
5	13.7	12.7	13.6	13.1	12.0	12.5
6	10.0	09.1	09.5	09.8	08.6	08.8
7	11.7	11.2	10.7	11.2	10.8	11.3
8	09.9	09.0	09.1	09.0	08.2	09.1
9	11.3	07.2	08.7	08.6	07.2	06.9
10	14.2	11.3	12.0	12.2	10.5	10.2
11	14.9	13.0	14.3	13.7	12.3	12.2
12	11.2	11.3	10.9	11.2	10.9	11.8
13	11.0	10.0	09.7	10.1	09.7	10.7
14	12.5	12.5	11.9	12.5	12.1	13.0
15	10.8	12.4	12.7	12.8	12.2	13.7
16	12.1	12.9	13.9	14.1	12.6	13.0
17	12.0	11.4	11.6	11.7	11.4	12.0
18	12.5	11.9	10.4	10.6	10.3	11.0
19	15.6	14.2	14.8	15.2	13.9	13.7
20	12.3	13.2	13.4	13.3	12.7	13.7
21	09.6	11.6	09.8	10.8	10.2	11.3
22	12.9	12.8	11.9	12.8	12.6	13.3
23	10.8	11.5	10.9	11.2	10.9	12.0
24	07.7	06.5	06.8	07.1	06.6	07.4
25	11.7	10.2	10.6	11.2	10.2	10.2
26	15.2	13.7	14.1	14.6	13.3	13.7
27	17.7	16.8	17.3	17.5	16.1	16.5
28	20.1	18.3	19.2	19.4	17.5	17.6
29	19.0	17.9	18.0	18.6	17.7	16.4
30	19.9	18.5	19.1	19.3	18.5	17.3
31	18.6	17.3	17.9	18.6	17.0	16.5
MEANS	1013.2	1012.4	1012.6	1012.9	1012.0	1012.3
DEPARTURE FROM NORMAL	....	-0.3	....	+0.5	-0.5	0.0

STATIONS	HIGHEST	DAY	TIME	YEAR	LOWEST	DAY	TIME	YEAR	
NUKHAIB	1022.0	30th	0600	1965	1007.4	24th	0900	1965	1965
HAI	1019.8	30th	0600	1965	1005.4	24th	1200	1965	
NAJAF	1021.4	28th	0600	1965	1005.1	24th	1200	1965	
DIWANIYA	1022.0	22nd	0600	1965	1006.0	24th	1500	1965	
NASIRIYA	1021.2	30th	0600	1965	1004.8	24th	1200	1965	
BASRAH	1018.6	28th	0600	1965	1005.1	9th	0000	1965	
NUKHAIB	1022.0	30th	0600	1965	1007.4	24th	0900	1965	RECORD
HAI	1022.4	29th	0600	1947	1002.9	1st	0000	1954	
NAJAF	1021.4	28th	0600	1965	1004.4	22nd	1500	1963	
DIWANIYA	1022.7	29th	0600	1947	1002.6	1st	0000	1954	
NASIRIYA	1022.5	29th	0600	1947	1003.2	1st	0000	1954	
BASRAH	1021.0	26th	0600	1950	1002.9	1st	0000	1954	

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TABLE 3 .

تشرين الاول ١٩٦٥

المعدل اليومي للرطوبة النسبية (٪)

DAILY MEAN RELATIVE HUMIDITY (%) OF 8 OBSERVATIONS

DAYS الايام	SINJAR سنجار	MOSUL موصل	KIRKUK كركوك	RUTBAH رطبة	HABBANIYA حبانية	BAGHDAD بغداد	NUKHAIB نخيب	HAI حي	NAJAF نجف	DIWANIYA ديوانية	NASIRIYA ناصرية	BASRAH بصرة
1	26	49	27	27	34	26	19	38	31	29	37	51
2	35	48	27	31	34	34	24	48	38	44	30	39
3	32	48	37	45	54	49	45	46	40	47	33	43
4	33	56	39	54	52	49	37	41	37	39	34	70
5	41	65	43	69	50	43	35	41	39	40	32	58
6	77	71	44	74	59	49	36	42	37	48	32	52
7	81	81	45	87	53	49	38	47	40	44	41	56
8	82	88	58	61	65	65	38	38	42	39	43	54
9	61	63	60	83	56	55	37	43	42	48	39	71
10	47	60	41	72	53	44	35	42	42	41	33	52
11	41	58	26	34	42	38	37	43	42	40	30	56
12	21	61	29	58	46	46	28	39	32	41	33	53
13	56	66	35	47	50	45	26	39	36	41	31	57
14	36	69	31	46	46	34	23	40	33	34	43	75
15	50	67	42	55	48	47	33	44	39	44	36	68
16	34	52	44	44	36	40	31	39	39	41	38	78
17	56	65	31	43	39	44	30	44	37	38	34	61
18	47	59	30	49	55	52	35	39	33	40	32	53
19	47	61	47	42	56	42	27	39	38	38	34	54
20	34	66	55	39	53	40	35	43	38	35	38	54
21	47	66	56	48	52	46	30	49	46	51	43	64
22	48	65	53	53	61	52	32	59	43	71	48	68
23	41	64	46	37	50	44	23	53	42	59	51	57
24	66	72	45	50	54	46	25	46	37	47	41	56
25	46	65	43	34	48	40	41	49	48	51	45	59
26	30	55	32	39	49	34	36	48	42	53	58	59
27	30	54	35	40	47	34	25	43	39	36	40	82
28	38	44	33	33	47	35	25	38	32	39	37	72
29	29	67	31	37	49	30	29	90	36	64	85	79
30	29	90	35	45	48	27	30	60	31	41	70	80
31	32	50	31	41	53	34	38	44	33	41	53	58
MEANS	46	61	40	49	50	42	32	46	38	44	41	64
NORMAL	..	48	28	32	36	34	..	34	..	38	32	55

STATIONS	HIGHEST	TIME	DAY	LOWEST	TIME	DAY
SINJAR	99	0300	7th	17	0900	17th
MOSUL	94	0300	9th	23	1200	28th
KIRKUK	80	0300	9th	12	1200	29th
RUTBAH	96	0300	7th	13	1200	1st
HABBANIYA	82	0300	19th	20	1200	2nd
BAGHDAD	82	1800	8th	16	1200	28th
NUKHAIB	65	0600	8th	13	1200	1st
HAI	95	1800	29th	24	0900	15th
NAJAF	78	0300	26th	17	1200	31st
DIWANIYA	90	0300	22nd	17	0900	1st
NASIRIYA	94	1800	29th	11	0900	15th
BASRAH	100	0000	15th	18	0900	18th.

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

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

	سنجار		موصل		كركوك		خانقين		رطبة	
	SINJAR		MOSUL		KIRKUK		KHANAQIN		RUTBAH	
الايام	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DAYS	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	31.1	18.4	33.0	13.7	33.0	20.5	33.9	17.2	32.5	17.0
2	34.5	19.6	33.3	14.0	33.9	19.6	33.9	15.6	32.5	17.0
3	28.9	21.8	32.2	16.6	30.9	21.9	29.4	18.3	30.0	17.5
4	31.0	17.7	33.4	16.2	33.0	19.5	33.9	16.7	31.0	16.5
5	26.8	20.1	25.6	16.3	28.9	18.5	32.8	16.1	29.0	17.8
6	21.6	17.3	24.8	17.8	32.1	18.0	35.6	18.9	24.5	15.5
7	21.5	13.4	26.9	16.3	28.8	18.8	32.2	17.2	25.5	13.4
8	19.7	15.3	20.4	15.8	28.1	17.8	31.7	19.4	26.5	16.0
9	21.8	13.3	25.4	12.6	27.5	15.4	31.1	17.8	18.2	16.8
10	26.6	14.2	27.3	12.4	29.0	15.4	30.6	15.0	24.5	11.0
11	27.1	15.0	29.6	11.1	30.3	17.0	32.2	14.4	28.0	13.6
12	29.5	18.3	29.3	12.2	33.3	19.0	34.4	16.1	29.0	15.3
13	24.6	17.2	28.4	16.2	32.1	19.5	34.4	18.9	29.0	14.0
14	23.0	16.8	29.7	15.8	32.1	20.3	34.4	17.8	31.4	15.5
15	24.8	16.4	26.6	18.0	34.0	17.8	36.1	18.9	27.7	14.8
16	22.8	13.6	26.8	13.0	30.3	16.3	32.8	15.0	29.6	13.4
17	24.4	17.0	26.7	17.4	33.9	16.6	35.6	17.2	27.6	16.0
18	26.1	16.3	28.8	16.2	27.2	20.6	32.2	21.7	25.8	12.4
19	24.3	15.2	26.4	11.3	27.4	14.2	28.9	13.3	26.0	10.3
20	22.2	15.3	23.4	11.2	23.1	15.0	28.3	16.1	27.0	13.7
21	25.4	18.1	24.4	15.6	25.6	16.9	35.0	18.3	26.4	14.4
22	26.3	17.2	27.2	14.2	26.6	18.7	30.0	19.4	24.7	13.0
23	24.2	16.1	26.0	11.9	26.9	17.4	30.6	19.4	27.4	12.1
24	19.2	15.4	22.6	15.8	24.7	19.1	30.6	18.9	24.0	13.5
25	18.2	9.1	19.3	8.7	20.0	10.2	22.2	14.4	18.6	10.3
26	17.4	9.2	20.2	6.3	20.6	8.0	22.2	8.3	19.5	8.3
27	17.1	8.9	19.2	4.2	18.2	6.5	23.9	6.6	17.0	7.5
28	18.4	9.2	21.4	4.4	24.4	7.4	24.4	4.4	15.5	6.3
29	21.4	9.3	23.9	5.6	22.7	8.9	23.9	12.2	18.0	5.3
30	23.2	9.0	24.1	4.4	25.3	9.9	25.0	11.1	21.4	5.3
31	22.3	11.0	22.0	5.3	24.3	9.4	25.6	7.2	22.7	8.3
MEANS	23.9	15.0	26.1	12.6	28.0	15.9	30.6	15.5	25.5	12.9
DEPARTURE FROM NORMAL	....	....	-5.5	+1.8	-3.6	-1.1	-2.5	-0.6	-4.5	+0.3

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
SINJAR	38.6	21st	1962	8.0	27th	1965
MOSUL	41.3	30&4th	1952	0.0	25th	1947
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 & MINIMUM TEMPERATURES (C°)

	حبانية		بغداد		نخيب		حي	
	HABBANIYA		BAGHDAD		NUKHAIB		HAI	
اليوم	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DAYS	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	35.6	20.4	35.6	22.3	34.9	17.6	38.8	19.0
2	35.0	19.6	34.2	20.6	32.7	21.0	29.2	21.0
3	30.4	22.8	30.3	20.1	30.5	20.6	36.3	20.8
4	33.6	19.8	33.0	20.5	32.9	20.0	36.8	22.0
5	32.6	20.4	32.6	20.2	31.5	21.1	38.1	22.2
6	32.2	21.6	33.6	21.7	31.0	18.5	35.0	22.0
7	31.8	18.4	32.8	17.8	31.4	15.2	35.2	19.0
8	33.8	19.5	29.4	18.6	30.5	18.0	35.0	19.2
9	29.5	17.7	30.1	18.6	27.3	16.9	34.5	21.8
10	30.2	16.6	30.1	16.7	26.5	16.4	35.0	20.0
11	31.7	20.6	31.2	20.6	29.1	17.6	35.8	20.2
12	36.0	17.1	34.2	14.6	33.2	14.6	37.0	18.0
13	32.8	18.6	33.3	17.9	32.0	17.4	35.2	22.0
14	36.1	19.6	35.4	19.4	29.0	16.0	37.3	19.4
15	33.8	19.3	30.2	21.0	29.0	16.8	37.5	21.0
16	33.0	18.4	33.0	20.0	28.2	16.3	36.8	21.2
17	32.2	19.1	32.0	21.4	28.0	15.8	37.6	21.6
18	29.7	19.5	32.8	19.4	29.8	16.4	34.2	22.0
19	28.8	14.2	28.5	15.0	27.6	13.4	32.0	19.0
20	28.0	16.7	27.9	18.7	30.1	17.3	33.2	21.2
21	29.5	17.8	31.5	18.1	30.2	16.3	30.0	18.0
22	28.6	16.6	30.3	20.4	28.2	12.9	31.6	19.0
23	31.0	16.5	30.9	15.8	30.0	13.0	33.0	16.0
24	29.2	17.1	31.2	19.3	30.0	14.8	34.8	20.8
25	23.7	15.3	24.0	15.5	23.3	12.4	27.2	18.0
26	22.4	12.6	22.8	12.7	20.5	13.0	26.2	14.0
27	21.7	8.4	22.8	6.6	21.5	7.8	26.0	12.4
28	20.0	8.8	21.9	10.4	20.5	9.8	25.4	11.0
29	22.8	8.2	22.8	10.0	21.0	10.5	19.0	11.0
30	23.4	8.9	24.0	8.7	23.0	8.2	25.2	12.0
31	23.9	5.8	24.1	8.5	23.4	6.3	24.8	11.2
MEANS	30.4	16.6	29.9	17.1	28.3	15.2	32.7	18.6
DEPARTURE FROM NORMAL	-3.1	+0.5	-4.0	+0.9	....	....	-2.4	+1.4

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
HABBANIYA	42.2	2nd	1953	5.6	29th	1946
BAGHDAD	41.6	2nd	1947	3.9	29th	1946
NUKHAIB	38.4	12th	1963	6.3	31st	1965
HAI	43.9	3rd	1947	6.7	15th	1948

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

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

	نجف		ديوانية		ناصرية		بصرة	
	NAJAF		DIWANIYA		NASIRIYA		BASRAH	
الايام	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DAYS	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	36.5	21.4	37.7	21.6	39.0	21.8	37.1	23.6
2	33.2	20.4	31.5	22.6	36.5	25.5	36.4	24.2
3	34.0	21.4	34.7	21.0	35.4	21.7	39.2	24.2
4	35.3	21.0	36.2	21.5	37.8	21.7	37.4	22.6
5	35.4	22.2	34.5	24.5	38.7	21.5	37.1	22.1
6	34.2	21.4	34.2	22.3	38.5	22.0	40.7	23.5
7	33.5	18.5	35.0	16.7	35.5	21.2	34.7	22.1
8	34.4	18.4	35.6	18.7	33.2	21.7	34.4	23.2
9	32.3	18.4	33.6	20.2	35.7	21.2	35.4	22.3
10	32.0	18.5	33.8	20.2	36.4	20.4	38.4	21.7
11	31.6	18.2	33.0	21.0	36.8	20.5	36.9	21.6
12	34.7	16.8	36.4	18.5	37.2	21.5	38.3	20.0
13	34.0	19.5	33.6	18.0	37.0	22.6	41.3	22.2
14	37.3	20.0	37.0	20.5	37.2	20.8	40.7	22.2
15	34.3	19.0	35.6	21.3	40.2	20.7	41.2	25.1
16	32.3	19.0	35.0	21.0	36.7	19.2	39.0	23.4
17	36.2	20.0	38.0	23.0	37.2	18.5	37.0	19.4
18	32.5	21.7	32.2	20.0	35.0	22.2	37.8	20.7
19	30.4	17.4	31.0	18.1	32.0	19.2	32.5	20.5
20	32.6	17.6	32.0	21.0	32.7	21.4	33.4	22.0
21	29.8	18.0	30.4	20.8	36.3	22.4	38.8	23.4
22	30.4	18.4	29.6	17.9	31.8	22.3	30.9	23.3
23	32.2	17.4	32.4	16.0	32.9	21.0	34.6	20.0
24	32.3	18.8	32.7	19.0	35.9	22.3	37.5	20.7
25	26.2	17.5	26.0	16.5	27.5	18.0	29.6	19.5
26	27.2	13.2	24.6	13.8	25.2	12.9	28.9	16.8
27	25.1	10.6	25.6	12.2	25.5	15.2	21.6	15.9
28	22.8	10.7	25.0	12.2	24.0	14.3	24.5	14.7
29	24.6	10.2	23.6	12.8	19.0	11.6	23.1	16.0
30	24.4	11.7	25.5	11.0	22.2	13.2	23.5	16.3
31	24.5	10.2	24.8	10.2	24.1	11.8	26.3	14.7
MEANS	31.5	17.6	32.0	18.5	33.3	19.7	34.5	20.9
DEPARTURE FROM NORMAL	....	....	-2.6	+3.4	-2.3	+3.2	-0.3	+3.0

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
NAJAF	39.4	2nd	1964	10.2	29th	1965
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

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

MONTHLY MEAN DRY - BULB TEMPERATURES (C°)

	T I M E - G . M . T.								
STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	....	16.1	16.5	22.0	22.7	20.7	17.8	....	19.6
MOSUL	14.3	13.4	17.8	23.4	25.1	22.1	18.1	15.5	18.7
KIRKUK	17.9	17.1	21.8	26.4	26.8	23.5	20.6	18.8	21.6
KHANAQIN	....	17.3	24.1	29.1	29.3	26.0	21.8	....	24.6
RUTBAH	14.9	13.7	17.8	23.0	25.0	22.3	17.8	15.9	18.8
HABBANIYA	18.4	17.4	22.1	28.8	29.2	25.3	21.3	19.4	22.7
BAGHDAD	20.6	18.4	22.2	28.1	29.3	26.3	22.6	17.7	23.2
HUKHAIR	....	....	20.0	25.4	27.7	25.8	21.4	....	24.1
HAI	....	19.4	24.2	31.1	31.8	26.9	23.6	....	25.2
NAJAF	19.9	18.1	23.4	29.3	31.0	27.9	24.7	22.0	24.5
DIWANIYA	20.5	18.8	23.6	30.0	31.1	27.4	23.7	21.8	24.6
NASIRIYA	21.8	20.5	25.4	31.3	32.4	26.8	25.3	23.4	26.1
BASRAH	22.8	21.6	26.5	32.3	33.3	28.5	25.5	23.5	26.8

TABLE 6. MONTHLY MEAN WET-BULB TEMPERATURES (C°) حرارة البصلة الرطبة

SINJAR	....	11.0	13.1	14.6	14.4	13.3	11.9	....	13.1
MOSUL	12.0	11.6	14.1	16.6	16.6	15.8	14.2	12.8	14.2
KIRKUK	12.3	12.0	14.4	15.8	15.7	14.6	13.3	12.5	13.9
KHANAQIN	....	11.8	16.0	17.9	18.1	16.7	14.6	....	15.9
RUTBAH	11.3	11.4	12.6	14.6	15.1	14.3	12.7	11.7	13.0
HABBANIYA	13.8	13.3	16.0	18.4	18.9	17.7	15.8	14.4	16.0
BAGHDAD	14.1	12.7	15.3	18.2	18.8	17.3	15.9	14.7	16.2
HUKHAIR	....	....	15.3	15.5	16.0	15.2	13.5	....	14.7
HAI	....	14.3	17.2	20.1	20.4	18.2	16.2	....	17.7
NAJAF	13.9	14.0	15.8	18.0	18.5	17.5	16.0	14.8	16.6
DIWANIYA	14.7	14.1	16.6	19.2	19.2	18.1	16.5	15.1	16.7
NASIRIYA	15.6	14.9	17.2	19.0	19.2	18.7	17.6	16.4	17.5
BASRAH	19.6	18.7	21.4	22.9	23.1	21.6	20.9	19.8	21.0

TABLE 7 MONTHLY MEAN VAPOUR PRESSURE(MILLIBARS) ضغط البخار (ملليبارات)

SINJAR	....	9.5	11.2	10.4	10.5	10.1	9.6	....	10.2
MOSUL	12.6	12.5	13.4	13.6	12.8	13.3	13.3	10.1	12.7
KIRKUK	10.2	10.4	10.8	9.8	9.3	10.0	10.2	10.0	10.1
KHANAQIN	....	9.9	12.1	12.0	12.1	11.9	11.3	....	11.5
RUTBAH	10.8	10.8	10.8	10.1	9.5	10.1	10.6	10.7	10.4
HABBANIYA	12.6	12.7	13.8	13.6	14.0	14.5	13.5	12.7	13.4
BAGHDAD	11.7	11.9	12.7	12.5	12.1	13.3	13.0	12.1	12.4
HUKHAIR	....	....	10.3	9.7	9.0	8.9	9.4	....	9.5
HAI	....	13.1	15.1	16.4	15.9	15.4	14.3	....	15.0
NAJAF	11.2	11.3	12.0	11.9	11.6	11.9	11.6	11.4	11.6
DIWANIYA	12.7	12.6	14.0	13.8	13.8	13.9	13.3	12.0	13.3
NASIRIYA	12.9	12.7	13.2	12.4	12.0	13.7	14.2	13.3	13.1
BASRAH	20.7	19.6	21.8	20.6	20.4	20.6	21.4	20.7	20.7

TABLE 8 . MONTHLY MEAN DEW-POINT(C°) درجة الندى (سنتغراد)

SINJAR	....	5.2	8.4	7.3	6.9	5.8	5.5	....	6.5
MOSUL	9.7	9.7	10.8	11.1	9.8	10.5	10.6	10.1	10.3
KIRKUK	6.4	6.9	7.8	6.0	5.1	6.0	6.4	6.1	6.4
KHANAQIN	....	6.4	9.4	9.3	9.3	9.1	8.2	....	8.6
RUTBAH	7.5	7.3	7.2	6.3	5.4	6.6	6.9	7.1	6.8
HABBANIYA	9.8	9.8	11.2	11.1	11.6	11.9	11.0	10.0	10.8
BAGHDAD	8.5	8.8	9.9	9.5	6.8	10.3	10.1	8.9	9.4
HUKHAIR	....	....	5.6	6.1	5.0	5.0	5.6	....	5.7
HAI	....	10.7	13.0	14.2	13.6	13.1	12.1	....	12.8
NAJAF	8.4	8.4	9.2	9.0	8.6	9.4	8.6	8.5	8.7
DIWANIYA	9.6	9.1	11.4	11.3	11.2	11.4	10.7	9.7	10.6
NASIRIYA	10.5	10.2	10.8	9.9	9.4	11.3	11.9	10.9	10.6
BASRAH	17.5	16.7	18.4	17.6	17.5	17.5	18.0	17.5	17.6

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TABLE - 9 . المعدل الشهري للرطوبة النسبية (٪)

MONTHLY MEAN RELATIVE HUMIDITY (%)

	T I M E - G . M . T .								
STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	..	52	53	42	39	41	47	..	46
MOSUL	75	79	64	47	41	49	62	70	61
KIRKUK	49	53	42	30	27	34	42	45	40
KHANAQIN	..	50	41	29	29	35	43	..	38
RUTBAH	63	67	52	36	31	38	50	58	48
HABBANIYA	59	63	51	37	35	45	48	56	49
BAGHDAD	48	50	47	34	29	36	46	48	42
NUKHAIB	..	..	43	30	25	27	36	..	32
HAI	..	55	51	37	34	44	49	..	46
NAJAF	48	53	41	29	25	31	37	43	38
DIWANIYA	51	55	44	33	30	38	46	48	43
NASIRIYA	50	53	42	29	27	36	45	47	41
BASRAH	71	75	63	43	42	54	65	71	61

TABLE 10. MONTHLY MEAN PRESSURE (MBS) AT M.S.L. الضغط الجوي على سطح البحر

SINJAR	....	15.3	15.3	14.8	13.2	13.9	15.1	....	1014.6
MOSUL	14.9	15.4	16.0	14.9	13.5	13.6	14.9	15.4	1014.9
KIRKUK	14.2	14.5	14.6	13.6	12.5	13.1	14.2	14.6	1013.9
KHANAQIN	....	14.5	13.6	12.4	11.5	12.5	14.0	....	1013.1
RUTBAH	13.4	14.0	14.9	14.1	12.3	13.2	14.0	13.9	1013.7
HABBANIYA	13.0	13.4	14.4	13.5	12.3	12.4	13.5	13.6	1013.5
BAGHDAD	12.9	13.2	14.7	13.8	12.3	12.5	13.5	13.4	1013.3
NUKHAIB	....	....	14.5	13.5	12.0	12.4	13.5	....	1013.3
HAI	....	12.4	13.4	12.1	11.5	11.8	12.5	....	1012.3
NAJAF	12.3	12.7	13.8	13.1	11.6	11.7	12.6	12.7	1012.6
DIWANIYA	12.8	12.9	14.1	13.3	12.0	12.6	12.9	13.6	1013.0
NASIRIYA	11.5	12.0	13.3	12.4	11.1	11.2	12.1	11.9	1011.9
BASRAH	11.7	12.2	13.6	12.9	11.4	11.5	12.4	12.3	1012.3

TABLE 11. MONTHLY MEAN LOW CLOUD AMOUNTS (OKTAS) كمية السحب الواطئة (الثمان)

SINJAR	...	1.5	2.2	2.1	2.7	2.1	0.8	...	1.9
MOSUL	2.2	2.8	2.8	2.8	3.1	2.3	1.9	2.2	2.5
KIRKUK	1.7	2.3	2.1	2.3	2.5	2.5	1.9	1.7	2.1
KHANAQIN	...	4.0	3.9	4.0	4.4	4.0	3.0	...	3.9
RUTBAH	0.6	1.3	1.4	2.0	2.8	2.4	1.5	1.0	1.6
HABBANIYA	0.4	0.7	0.7	0.7	1.3	1.2	0.4	0.1	0.7
BAGHDAD	0.4	1.0	0.9	0.9	1.7	1.0	0.5	0.3	0.8
NUKHAIB	...	...	1.6	1.1	1.5	1.5	0.7	...	1.5
HAI	...	1.2	1.6	0.9	1.3	1.2	0.7	...	1.2
NAJAF	1.0	1.9	2.0	1.7	1.9	2.0	0.9	1.5	1.5
DIWANIYA	1.4	2.1	2.3	1.6	1.9	1.9	0.6	1.0	1.5
NASIRIYA	0.6	2.8	3.1	2.1	2.6	2.7	1.4	0.9	2.0
BASRAH	0.5	0.8	0.6	0.1	1.1	0.7	0.6	0.4	0.7

TABLE 12. MONTHLY MEAN TOTAL CLOUD AMOUNTS (OKTAS) مجموع كمية الغيم (الثمان)

SINJAR	...	3.6	3.7	3.9	4.0	3.9	2.0	...	2.5
MOSUL	3.0	4.0	4.4	4.5	4.8	5.9	3.1	2.9	3.8
KIRKUK	2.3	3.4	3.3	3.5	3.5	3.3	2.5	2.2	3.0
KHANAQIN	...	4.6	4.8	5.2	5.2	5.0	3.3	...	4.7
RUTBAH	1.8	3.6	3.3	3.8	4.3	3.8	2.5	1.8	3.1
HABBANIYA	2.9	3.9	3.7	3.1	3.9	3.6	2.4	2.0	3.2
BAGHDAD	3.0	4.2	4.0	3.6	4.3	3.8	2.7	2.6	3.6
NUKHAIB	...	....	3.8	3.3	3.5	3.0	1.9	...	3.4
HAI	....	4.8	5.2	4.8	4.9	4.4	3.6	...	4.6
NAJAF	2.6	4.2	4.1	4.0	4.8	4.3	2.6	2.7	3.7
DIWANIYA	2.8	4.2	4.0	3.7	4.4	3.6	2.0	2.2	3.4
NASIRIYA	2.7	4.8	4.7	4.2	4.7	4.3	2.9	2.6	3.9
BASRAH	2.2	3.7	3.8	3.8	4.1	4.1	2.6	2.1	3.5

OCTOBER 1965.
TABLE 13 - a.

تشرين الاول ١٩٦٥
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	CALM سكون	SPEED IN KNOTS السرعة بالعقد 1-10	11-21	22-33	>34	معدل السرعة بالعقد MEAN V.K.
سنجار SINJAR	0300	13	3	4	0	1	1	2	3	4	25	2	0	0	5
	0600	8	1	6	0	2	0	5	1	8	23	0	0	0	3
	0900	2	1	4	0	2	1	5	0	4	24	3	0	0	5
	1200	2	3	4	1	2	3	5	9	3	25	3	0	0	5
	1500	1	1	4	0	3	1	6	4	1	18	2	0	0	4
	1800	0	1	4	0	1	0	7	2	1	21	2	0	0	5
	TOTAL	34	10	26	3	21	8	34	19	30	136	12	0	0	4
موصل MOSUL	0000	0	0	1	2	2	0	9	2	15	16	0	0	0	2
	0300	1	0	1	0	1	0	14	2	5	9	0	0	0	3
	0600	1	0	0	2	4	0	10	5	3	22	0	0	0	3
	0900	3	0	0	6	4	4	1	5	7	25	2	0	0	5
	1200	3	0	0	6	3	4	5	7	7	27	2	0	0	5
	1500	6	0	0	3	2	4	4	9	3	29	1	0	0	5
	1800	0	0	1	1	3	4	0	7	8	22	5	0	0	5
	2100	0	0	1	1	3	0	10	6	8	21	1	0	0	4
	TOTAL	19	1	21	15	26	0	71	41	54	184	10	0	0	4
كركوك KIRKUK	0000	0	9	0	1	0	0	0	0	21	9	1	0	0	2
	0300	0	7	1	0	2	0	0	0	21	9	1	0	0	2
	0600	1	5	2	2	1	0	0	0	20	10	1	0	0	2
	0900	1	1	2	1	4	1	7	2	12	18	1	0	0	3
	1200	1	1	0	1	3	1	11	2	10	14	6	1	0	4
	1500	1	3	0	0	0	3	7	2	17	12	2	0	0	3
	1800	1	5	2	0	1	0	3	0	20	11	2	0	0	3
	2100	0	9	2	0	0	0	3	1	16	15	0	0	0	2
	TOTAL	5	40	9	4	11	7	30	5	137	98	11	2	0	3
خانقين KHANAQIN	0300	0	0	14	4	4	1	0	0	8	22	0	1	0	4
	0600	1	0	7	4	6	0	2	1	10	18	3	0	0	3
	0900	1	0	0	2	6	5	6	1	8	18	2	1	0	3
	1200	5	0	1	2	3	3	13	1	5	21	3	2	0	4
	1500	4	0	0	2	5	3	7	1	5	25	2	0	0	4
	1800	2	0	8	3	5	1	2	1	9	21	1	0	0	4
	TOTAL	11	0	30	17	29	13	30	13	43	125	11	4	3	5
وطبة WUTBAH	0000	2	0	2	2	3	1	3	3	15	15	1	0	0	3
	0300	0	0	3	0	7	1	3	1	14	16	1	0	0	3
	0600	3	0	3	0	9	1	3	2	5	24	2	0	0	3
	0900	1	2	4	4	5	3	8	1	5	23	3	2	0	4
	1200	2	0	6	2	8	1	7	2	5	22	6	2	0	5
	1500	5	2	4	3	4	1	4	2	6	24	1	0	0	3
	1800	9	2	3	2	4	1	1	2	5	20	5	1	0	4
	2100	8	1	1	2	4	0	2	0	13	15	3	0	0	4
	TOTAL	30	7	28	15	44	11	34	15	64	159	22	3	0	5

OCTOBER 1965.
TABLE 13 b.

تشرين الاول ١٩٦٥

عدد تكرار رصدات الرياح السطحيه

SURFACE - WIND NUMBER OF OBSERVATIONS OF:

STATIONS المحطة	TIME GMT. وقت كرينتش	DIRECTION الاتجاه N	NE	E	SE	S	SW	W	NW	CALM سكون	SPEED IN KNOTS السرعة بالعقد 1-10	11-21	22-33	≥34	معدل السرعة بالعقد MEAN V.K
حبانية SABBANIYA	0000	5	3	3	1	0	0	1	7	11	17	3	0	0	5
	0300	7	1	1	0	1	0	3	7	11	20	0	0	0	5
	0600	6	4	1	1	1	4	2	7	5	19	7	0	0	6
	0900	5	4	3	0	5	0	4	7	3	18	10	0	0	9
	1200	7	3	0	0	5	1	2	9	4	21	6	0	0	7
	1500	10	0	2	2	2	1	0	6	8	23	0	0	0	4
	1800	4	2	2	2	0	1	0	9	11	17	3	0	0	4
	2100	4	1	2	1	1	0	2	8	12	17	2	0	0	4
	TOTAL	48	18	14	7	15	6	15	60	65	152	31	0	0	5
بغداد BAGHDAD	0000	11	6	3	1	1	0	1	5	3	26	2	0	0	5
	0300	8	3	0	3	3	0	1	6	8	19	4	0	0	5
	0600	5	5	0	2	2	2	0	7	8	18	4	1	0	5
	0900	8	2	1	3	2	1	4	6	4	20	7	0	0	7
	1200	8	0	1	2	2	2	3	10	3	20	8	0	0	8
	1500	7	3	0	1	1	1	2	6	10	20	1	0	0	4
	1800	4	3	1	1	0	1	1	4	16	13	2	0	0	3
	2100	6	3	3	2	0	0	2	10	5	24	2	0	0	6
	TOTAL	57	25	9	15	11	7	13	54	57	160	30	1	0	5
نخيب NUKHAIB	0600	13	3	5	0	2	1	4	3	0	28	3	0	0	7
	0900	8	1	4	4	1	3	5	3	2	24	5	0	0	7
	1200	9	1	2	1	4	3	7	1	3	26	2	0	0	6
	1500	9	0	0	6	2	4	3	1	6	24	1	0	0	5
	1800	6	4	6	3	2	0	3	2	5	23	2	1	0	6
	TOTAL	45	9	17	14	11	11	22	10	16	125	13	1	0	5
حي HAI	0300	10	0	4	0	1	0	1	9	6	24	1	0	0	5
	0600	7	1	3	0	4	0	7	0	9	20	2	0	0	4
	0900	13	0	4	4	1	1	0	2	6	24	1	0	0	5
	1200	12	0	4	2	1	1	2	4	4	27	1	0	0	5
	1500	8	0	2	0	1	0	2	8	11	20	0	0	0	3
	1800	10	0	5	1	0	0	2	3	10	21	0	0	0	4
	TOTAL	60	1	22	7	7	3	14	26	46	136	4	0	0	4
نجف NAJAF	0000	16	7	2	1	1	2	1	1	0	28	3	0	0	7
	0300	17	1	1	1	2	1	3	4	1	28	2	0	0	7
	0600	17	5	0	0	2	0	3	2	2	24	3	0	0	7
	0900	11	4	6	2	2	1	1	3	1	27	3	0	0	7
	1200	13	4	2	6	2	1	2	1	0	26	5	0	0	9
	1500	12	5	5	4	2	0	2	1	0	29	2	0	0	7
	1800	14	5	1	3	4	0	0	4	0	28	3	1	0	7
	2100	14	4	4	1	3	2	0	3	0	28	2	1	0	9
	TOTAL	44	35	21	18	18	7	12	19	4	218	25	1	0	8

OCTOBER 1965.

TABLE 13 C.

تشرين الأول ١٩٦٥

عدد قراءات وحدات الرياح السطحية

SURFACE - WIND, NUMBER OF OBSERVATIONS OF:

STATIONS المحطة	TIME GMT. وقت كرينتش	DIRECTION الاتجاه N	NE	E	SE	S	SW	W	NW	CALM ساكن	SPEED IN KNOTS السرعة بالعقد 1-10	11-21	22-33	34&	MEAN V.E. معدل السرعة بالمتر
DIWANIYA	0000	13	3	7	1	1	0	3	1	2	23	6	0	0	
	0300	13	2	6	1	0	0	1	1	7	23	1	0	0	
	0600	12	1	4	0	1	0	0	1	7	24	0	0	0	
	0900	12	3	2	2	0	1	0	0	7	16	8	0	0	
	1200	11	3	3	1	1	0	0	3	5	19	8	0	0	
	1500	12	0	3	2	2	0	0	3	2	24	0	0	0	
	1800	12	3	4	1	0	0	2	4	5	26	0	0	0	
	2100	14	2	5	0	0	1	4	0	3	25	3	0	0	
	TOTAL	102	17	34	6	5	1	13	10	42	180	26	0	0	
NASIRIYA	0000	11	1	3	3	2	1	1	5	4	25	2	0	0	
	0300	12	1	0	3	2	2	1	7	0	27	1	0	0	
	0600	9	2	4	3	3	3	1	4	0	30	1	0	0	
	0900	8	5	5	2	3	1	2	4	1	27	5	0	0	
	1200	11	4	3	3	1	2	4	3	0	29	2	0	0	
	1500	8	4	5	3	0	1	0	7	3	27	1	0	0	
	1800	6	2	7	3	1	0	3	7	2	28	1	0	0	
	2100	8	4	4	3	1	0	2	7	2	28	1	0	0	
	TOTAL	79	23	29	23	13	10	16	44	15	221	12	0	0	
BASRAH	0000	10	4	2	1	6	2	4	1	1	28	1	1	0	
	0300	10	5	3	3	6	1	1	2	0	27	4	0	0	
	0600	6	6	4	4	2	4	2	3	0	26	5	0	0	
	0900	11	6	2	1	7	0	0	4	0	27	0	0	0	
	1200	7	4	3	2	3	2	2	6	0	25	5	0	0	
	1500	13	2	1	3	4	0	1	7	0	28	2	0	0	
	1800	11	5	4	2	2	1	1	2	0	29	2	0	0	
	2100	9	5	0	2	6	5	2	2	0	31	0	0	0	
	TOTAL	77	40	19	18	36	15	13	29	1	219	20	2	0	7

TABLE 14. اعلى سرعة رياح خلال ساعة

HIGHEST WIND-SPEED, DURING ONE HOUR.

STATIONS	HIGHEST WIND-SPEED DURING ONE HOUR (V.E.)	DIRECTION	TIME GMT.	DAY
SINJAR	16 Knots	260	1800	15th
MOSUL	18	310	2100	13th
KIRKUK	25	150	0600	22nd
KHANAQIN	39	160	1500	21st
KUTBAH	30	320	1800	4th
HABBANIYA	18	120	0600	21st
BAGHDAD	22	130	0600	22nd
RUKHAIB	28	020	1800	2nd
HAI	19	160	0600	13th
NAJAF	28	210	2100	21st
DIWANIYA	16	180	1200	21st
NASIRIYA	16	320	1500	21st
BASRAH	26	280	0000	22nd

القراءات اليومية لحرارة الحشائش والتربة (سنتيغراد) و التبخر (ملليمترات)

GRASS MINIMUM TEMPERATURES C°, AND, SOIL TEMPERATURES C° OF 0.3 & 1.2 meters AND EVAPORATION (MILLIMETERS)

	MOSUL	KIRKUK			HABBANIYA			BAGHDAD			NAJAF		NASIRIYA			BASRAH	BAGHDAD
DAYS	0.3M	GRASS	0.3M	1.2M	GRASS	0.3M	1.2M	GRASS	0.3M	1.2M	0.3M	1.2M	GRASS	0.3M	1.2M	GRASS	EVAPORATION
1	21.1	15.5	24.4	28.9	18.9	32.3	32.1	19.3	30.0	30.6	32.2	36.2	20.6	32.2	31.8	17.0	14.0
2	20.9	15.5	24.5	28.3	18.9	32.2	32.1	16.7	29.7	30.6	31.6	33.6	24.7	32.3	31.7	17.3	7.0
3	21.0	15.5	24.4	28.2	20.0	32.0	31.9	17.0	29.1	30.5	31.0	33.3	21.5	31.6	31.6	21.4	6.0
4	21.1	16.6	24.4	28.1	18.9	31.1	31.8	18.5	28.9	30.5	32.0	35.0	20.5	31.4	32.1	17.2	6.0
5	21.4	12.7	24.9	27.9	20.0	31.1	31.7	17.4	28.9	30.5	31.0	33.1	20.6	31.5	31.6	14.9	6.0
6	20.6	15.2	23.6	27.8	21.0	31.0	31.7	18.9	28.8	30.5	30.4	32.4	21.6	31.7	31.5	16.4	5.0
7	20.0	13.5	23.8	27.8	17.2	31.0	31.7	13.3	28.6	30.2	30.0	34.7	19.7	31.5	31.4	15.4	5.0
8	20.3	14.0	23.3	27.6	18.9	30.9	31.6	14.6	28.3	30.0	31.2	32.4	17.8	31.1	31.4	XX	4.0
9	18.0	12.5	22.8	27.7	16.8	29.8	31.2	16.4	26.4	30.0	30.3	32.4	20.7	30.2	31.4	17.5	18.0
10	18.6	10.9	22.6	27.4	15.4	29.6	31.2	12.8	25.4	30.0	29.6	32.4	19.9	30.1	31.1	17.9	10.0
11	18.9	12.8	22.1	27.2	19.4	29.7	31.1	17.8	25.4	29.7	29.4	32.1	18.8	30.4	31.4	16.2	7.0
12	18.9	13.3	21.9	27.1	15.9	29.5	31.1	11.5	24.8	29.5	27.8	31.9	21.0	30.4	31.0	13.4	5.0
13	19.8	14.5	22.8	26.9	15.5	29.8	31.0	14.6	25.6	29.5	28.6	31.5	21.8	30.6	31.0	14.9	5.0
14	19.9	16.5	23.3	26.8	16.4	29.9	30.7	14.2	26.0	29.3	29.8	32.6	20.0	30.6	30.9	17.2	9.0
15	19.7	14.4	23.3	26.7	16.1	30.0	30.6	17.0	26.4	29.3	29.3	31.3	18.2	30.6	31.0	21.4	2.0
16	19.1	16.0	23.6	26.6	15.6	30.0	30.6	17.6	26.0	29.0	31.3	28.9	18.7	30.4	30.6	20.3	7.0
17	20.0	14.5	23.3	26.6	17.0	31.1	31.7	20.0	26.3	29.0	28.6	32.2	18.0	30.2	30.6	12.8	6.0
18	19.8	16.9	23.9	26.4	17.2	29.1	30.5	17.3	26.0	29.0	29.3	31.0	20.7	30.2	30.8	14.6	3.0
19	18.4	10.0	21.9	26.5	11.0	28.9	30.5	13.0	25.2	28.7	28.2	31.2	18.3	29.4	30.6	15.8	6.0
20	17.8	10.7	21.4	26.4	13.4	28.4	29.1	16.8	25.1	28.8	28.2	31.0	20.6	29.0	30.5	17.4	6.0
21	17.9	13.7	21.1	26.5	13.6	27.2	30.2	15.4	24.6	28.2	27.9	30.7	22.0	28.6	30.5	20.0	5.0
22	17.8	15.1	21.1	26.1	13.7	27.4	30.0	16.9	25.3	28.5	27.6	30.7	21.2	29.0	30.4	21.5	6.0
23	18.8	12.6	21.1	26.0	13.4	27.6	29.8	10.6	25.3	28.5	27.5	30.5	20.7	29.0	30.3	15.2	3.0
24	18.9	16.4	21.1	25.6	14.0	27.8	29.7	14.3	25.4	28.3	27.8	30.4	21.3	29.0	30.2	16.7	6.0
25	16.7	4.8	20.4	25.8	12.7	27.8	29.5	13.2	25.1	28.3	27.6	30.0	17.6	28.9	30.0	14.2	8.0
26	15.0	3.5	19.1	25.5	9.1	27.1	29.5	8.6	24.0	28.2	26.0	30.2	11.9	27.3	30.0	10.7	6.0
27	13.8	2.5	18.0	25.5	5.9	26.1	29.5	7.9	22.6	28.0	24.5	30.0	15.0	26.1	29.9	12.1	5.0
28	12.8	3.5	17.1	22.5	5.6	25.4	29.4	6.3	22.0	28.0	23.7	29.7	10.9	25.5	29.8	12.8	5.0
29	13.4	2.1	17.2	23.0	3.5	24.6	29.2	6.8	21.3	27.6	23.0	19.0	11.1	24.3	29.6	13.6	5.0
30	13.2	4.9	17.2	24.6	7.0	24.2	28.9	4.6	21.2	27.6	22.8	27.8	12.8	23.1	29.6	15.0	5.0
31	13.0	5.1	17.6	24.4	2.0	23.7	28.8	2.0	20.3	27.5	22.2	28.4	11.0	22.4	29.4	12.0	5.0
MEANS	18.3	11.8	21.8	26.6	14.4	28.8	30.6	13.7	25.7	22.7	28.4	31.2	18.7	29.3	30.8	16.1	6.3

CLASS A

TABLE - 17.

CLIMATOLOGICAL SUMMARY: الملخصات المناخيـــــة

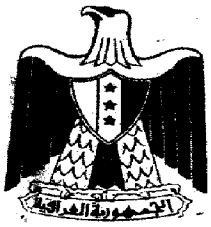
NUMBER OF DAYS FOR THE CASES OF PHENOMENA : عدد الايام التي حدثت فيها الظواهر الجويـــــة

STATIONS	RAIN	SNOW	HAIL	THUNDER STORM	FOG	MIST	HAZE	RISING DUST	SUSPENDED DUST	DUST STORM	GROUND FROST	STATE OF SKY CLEAR	STATE OF SKY CLOUDY
SINJAR	6	0	0	1	1	0	0	0	0	0	0	7	1
MOSUL	11	0	0	5	0	0	0	0	0	0	0	6	4
KIRKUK	4	0	0	2	0	0	2	5	0	0	0	11	3
KHANAQIN	3	0	0	1	0	0	0	2	0	1	0	1	5
RUTBAH	3	0	0	2	0	4	0	1	0	0	0	4	0
HABBANIYA	2	0	0	3	0	0	4	2	2	0	0	2	0
BAGHDAD	2	0	0	2	0	0	14	2	1	1	0	4	1
NUKHAIB	1	0	0	2	0	0	1	3	0	1	0	8	0
HAI	4	0	0	0	0	0	0	1	4	0	0	2	3
NAJAF	1	0	0	2	0	0	0	2	0	1	0	1	2
DIWANIYA	3	0	0	1	0	0	0	2	1	1	0	5	1
NASIRIYA	7	0	0	3	0	1	5	3	14	0	0	3	1
BASRAH	3	0	0	4	1	7	7	4	3	1	0	4	1

TABLE - 18.

DURATION OF SUNSHINE مدة سطوع الشمس

STATIONS	MONTHLY TOTAL SUNSHINE HOURS	MAX. SUNSHINE DURING ONE DAY HOURS	MAX. SUNSHINE DURING ONE DAY DAY	No. OF DAYS WITHOUT SUNSHINE
MOSUL	241.6	11.5	10th	0
HABBANIYA	256.5	10.6	17th	0
NASIRIYA	225.7	10.8	13th	0
BASRAH	228.3	10.4	15th	0



وزارة المواصـــلات

مديرية الطيران المدني العامة

مديرية الانواء الجوية

شعبة احصائيات المناخ

بغـداد

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Monthly Climatological Data

No. 11 & 12
Vol. 28
Months: NOVEMBER & DECEMBER
Year : 1965

الجمهورية العراقية

وزارة المواصلات

مديرية الطيران المدني العامة

مديرية الانواء الجوية العامة

شعبة المناخ

بغداد

معلومات مناخية لشهر تشرين الثاني ١٩٦٥

مجلد ٢٨ ، عدد (١١) تشرين الثاني

١٩٦٥

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1 9 6 5

VOLUME 28, No. (11), NOVEMBER 1 9 6 5 .

اعداد و تنظيم و توزيع من قبل شعبة المناخ

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NOVEMBER 1965.

(ـ ١ ـ)

تشرين الثاني ١٩٦٥

TABLE 1 - a.

المعدل اليومي لدرجات الحرارة (سنتغراد)

DAILY MEAN TEMPERATURES (C°) OF 8 OBSERVATIONS

الايام	سنجار	موصل	كركوك	رطبة	حبانية	بغداد
DAYS	SINJAR	MOSUL	KIRKUK	RUTBAH	HABBANIYA	BAGHDAD
1	16.9	12.7	16.3	15.0	15.6	16.1
2	18.8	12.4	16.2	14.9	16.7	18.2
3	18.6	13.1	16.1	12.3	17.4	18.6
4	20.6	13.7	16.7	14.6	16.8	17.2
5	20.7	16.0	19.7	15.1	18.3	19.1
6	16.7	16.5	18.2	15.0	17.8	20.7
7	18.1	16.3	19.6	14.8	18.5	21.1
8	18.3	16.2	18.7	15.9	19.1	18.3
9	17.0	15.0	17.0	14.9	18.1	17.6
10	17.3	11.5	14.4	14.7	15.0	14.9
11	17.5	10.5	14.2	15.1	14.0	13.3
12	15.6	10.9	14.2	16.2	15.4	14.5
13	15.9	12.1	16.5	18.1	18.2	18.6
14	18.4	15.9	19.5	16.9	18.4	19.4
15	17.6	15.6	19.5	16.4	18.1	19.4
16	17.3	13.9	19.0	15.2	18.9	19.9
17	11.5	12.7	17.7	14.4	19.0	19.1
18	10.4	11.1	13.1	11.8	15.9	16.5
19	11.7	9.8	12.3	10.4	11.7	13.3
20	12.5	10.0	12.3	11.8	10.7	10.6
21	13.3	10.2	12.4	13.3	12.7	12.6
22	14.2	11.1	14.1	12.2	14.0	14.2
23	15.1	11.5	13.9	12.7	14.2	14.4
24	15.7	11.3	13.9	13.4	14.1	14.5
25	15.9	11.7	15.1	15.5	15.1	14.7
26	11.3	11.9	15.3	15.8	17.6	16.5
27	9.0	10.4	12.6	10.0	13.3	14.0
28	10.1	8.6	10.8	10.6	10.9	12.1
29	11.9	9.7	12.8	11.8	11.1	11.1
30	13.6	12.3	14.8	13.2	13.5	14.0
MEANS	15.4	12.5	15.6	14.1	15.7	16.2
DEPARTURE FROM NORMAL	....	-0.6	-0.9	+0.3	-1.1	-1.0

NOTE: AT SINJAR OBSERVATIONS 0000 & 2100 ARE MISSED.

T I M E - G . M . T .

0000 + 0300 + 0600 + 0900 + 1200 + 1500 + 1800 + 2100

8 = DAILY MEAN

NOVEMBER 1965. (2) تشرين الثاني ١٩٦٥

TABLE 1 - b. المعدل اليومي لدرجات الحرارة (سنتغراد)

DAILY MEAN TEMPERATURES (C°) OF 8 OBSERVATIONS

الايام	نخيب	حي	نجف	ديوانية	ناصرية	بصرة
DAYS	NUKHAIB	HAI	NAJAF	DIWANIYA	NASIRIYA	BASRAH
1	19.4	19.7	17.6	18.5	18.1	20.6
2	20.0	21.4	19.2	20.5	19.0	21.7
3	19.8	19.9	18.4	18.7	19.8	21.3
4	19.7	21.6	18.7	19.4	20.5	22.0
5	21.4	22.5	20.0	21.1	21.4	21.5
6	20.7	24.7	21.2	23.0	23.0	22.3
7	18.7	24.7	19.9	21.4	25.0	25.2
8	18.0	21.6	16.8	19.0	22.0	25.3
9	19.9	19.7	18.1	18.2	19.7	20.0
10	19.1	19.0	17.1	16.5	19.3	18.6
11	19.2	16.3	16.0	15.4	16.8	17.1
12	18.8	17.3	16.9	17.1	17.0	16.3
13	21.5	19.3	18.5	18.3	18.3	17.3
14	21.5	21.7	19.8	21.0	21.1	20.9
15	22.1	23.2	19.4	20.6	21.5	22.3
16	21.9	20.5	20.7	20.2	20.3	22.3
17	20.9	20.2	19.7	18.6	19.7	24.5
18	16.9	20.7	17.4	17.0	19.9	24.1
19	14.6	17.4	14.9	14.5	17.3	19.5
20	14.1	15.0	13.4	11.9	13.8	16.6
21	15.9	15.1	13.8	13.4	14.4	14.9
22	17.9	16.6	15.0	14.9	15.9	15.6
23	17.1	17.5	15.2	15.1	16.2	16.4
24	17.4	17.4	15.7	15.8	16.5	16.8
25	19.0	17.3	16.9	15.9	15.6	16.2
26	20.1	18.2	18.2	17.2	17.0	18.1
27	14.5	17.3	14.2	15.1	16.4	18.4
28	13.7	14.0	12.2	11.8	13.6	15.9
29	13.9	13.8	12.2	12.0	13.4	14.9
30	15.8	15.5	14.4	14.9	14.1	13.6
MEANS	18.5	19.0	17.1	17.2	18.2	19.3
DEPARTURE FROM NORMAL	....	+1.1	....	-0.4	-0.5	0.0

NOTE: AT NUKHAIB, OBSERVATIONS 0000, 0300, 1800 & 2100 ARE MISSED.
AT HAI OBSERVATIONS 0000 & 2400 ARE MISSED.

NOVEMBER 1965. (3) تشرين الثاني ١٩٦٥

TABLE 2 - a. المعدل اليومي للضغط الجوي على سطح البحر (ملليبارات)

DAILY MEAN PRESSURE (MILLIBARS) AT M.S.L. OF 8 OBSERVATIONS

DAYS الايام	SINJAR سنجار	MOSUL موصل	KIRKUK كركوك	RUTBAH رطبة	HABBANIYA حبانية	BAGHDAD بغداد
1	1019.5	1020.5	1019.3	1018.0	1019.0	1018.9
2	20.1	21.0	19.8	18.8	19.0	18.8
3	19.9	20.7	19.4	20.0	19.3	18.6
4	20.4	21.3	19.8	21.2	19.9	19.4
5	17.1	17.9	16.7	18.4	16.5	16.3
6	15.5	15.7	15.0	15.3	14.3	14.1
7	17.0	17.4	16.4	16.8	15.6	15.8
8	17.2	15.6	17.0	16.7	16.8	16.8
9	17.8	18.2	17.5	18.8	17.5	17.3
10	19.8	20.8	20.3	20.7	20.1	19.9
11	19.1	20.5	19.5	18.8	19.2	19.0
12	20.3	20.8	20.1	17.3	19.4	19.6
13	20.8	22.0	20.8	17.3	19.3	19.9
14	20.9	21.6	20.4	18.4	19.2	19.4
15	18.7	18.8	17.8	18.0	17.3	17.2
16	14.9	15.4	14.2	15.1	13.6	13.6
17	12.2	13.6	12.9	13.4	12.6	12.9
18	21.0	21.5	20.3	20.2	19.9	19.5
19	24.5	24.5	23.4	24.3	21.4	23.4
20	22.5	22.8	22.2	21.4	22.5	22.6
21	21.6	22.4	21.9	20.2	21.4	21.6
22	21.6	22.5	21.8	21.8	21.4	21.5
23	21.1	21.8	20.7	21.0	20.7	20.5
24	19.6	20.2	19.3	19.8	19.6	19.3
25	18.5	19.3	18.7	16.9	18.2	18.6
26	14.1	15.6	15.1	12.4	13.6	14.8
27	22.6	22.8	22.3	22.1	22.6	22.2
28	28.0	28.0	27.0	26.1	27.3	26.8
29	24.6	25.1	23.8	22.2	23.9	23.7
30	1019.5	1020.2	1019.8	19.6	1019.8	1019.9
MEANS	1019.7	1020.2	1019.4	1019.1	1019.0	1019.0
DEPARTURE FROM NORMAL	....	+1.7	+1.9	+0.6	+1.6	+1.6

STATIONS	HIGHEST	DAY	TIME	YEAR	LOWEST	DAY	TIME	YEAR	
SINJAR	1029.6	28th	0600	1965	1010.7	17th	0300	1965	1965
MOSUL	1029.4	29th	0600	1965	1011.0	17th	0900	1965	
KIRKUK	1028.2	28th	0600	1965	1010.4	17th	1200	1965	
RUTBAH	1028.6	28th	0600	1965	1011.2	26th	1200	1965	
HABBANIYA	1028.5	28th	0600	1965	1010.3	17th	0000	1965	
BAGHDAD	1028.2	28th	0600	1965	1011.4	16th	2100	1965	
SINJAR	1029.6	28th	0600	1965	1008.3	21st	1200	1964	RECORD
MOSUL	1034.5	22nd	0600	1958	1004.3	7th	1200	1944	
KIRKUK	1031.1	30th	0600	1953	1005.8	22nd	0000	1961	
RUTBAH	1034.7	30th	0600	1953	1004.0	7th	1300	1938	
BAGHDAD	1029.9	25th	0600	1961	1006.1	7th	1200	1938	

NOVEMBER 1965. تشرين الثاني ١٩٦٥

TABLE - 2 b. المعدل اليومي للضغط الجوي على سطح البحر (ملليبارات)

DAILY MEAN PRESSURE (MILLIBARS) AT M.S.L. OF 8 OBSERVATIONS

الأيام	نخيب	هي	نجف	ديوانية	ناصرية	بصرة
DAYS	NUKHAIB	HAI	NAJAF	DIWANIYA	NASIRIYA	BASRAH
1	1018.7	1017.2	1018.2	1018.3	1017.1	1016.5
2	18.9	16.7	18.0	18.0	16.7	16.1
3	19.0	17.2	17.7	18.4	16.8	16.6
4	19.5	17.6	18.8	19.1	17.4	16.7
5	16.6	15.2	15.6	16.0	14.9	14.7
6	14.2	12.7	13.0	13.2	12.6	13.4
7	16.3	13.9	14.7	15.0	13.2	15.2
8	17.1	16.3	16.1	15.6	15.6	16.2
9	18.3	16.2	17.0	17.6	16.8	16.6
10	19.9	18.7	19.6	20.0	18.7	18.3
11	18.8	17.5	18.5	18.9	18.9	17.8
12	18.2	18.6	18.7	19.5	18.6	18.7
13	17.7	19.5	18.8	19.6	19.2	19.6
14	17.8	19.1	18.1	18.6	18.3	19.3
15	16.6	16.1	16.2	16.3	15.6	17.0
16	13.3	13.5	12.7	13.5	13.0	14.3
17	13.2	13.7	13.2	13.6	13.3	14.8
18	19.4	17.7	18.8	18.9	17.0	17.5
19	24.4	21.8	22.9	22.9	21.0	20.1
20	22.4	21.5	22.5	22.7	21.4	20.7
21	20.9	21.0	21.3	21.8	20.8	20.8
22	21.0	20.2	20.6	21.4	20.2	20.1
23	21.0	18.8	20.2	20.3	19.1	18.7
24	19.7	17.8	19.1	19.2	17.9	17.7
25	17.7	18.2	17.8	18.6	17.9	18.1
26	12.6	15.9	14.1	15.1	15.8	17.3
27	23.3	20.9	21.6	21.9	20.2	20.6
28	27.6	25.4	26.3	26.6	25.1	24.2
29	24.1	22.5	23.7	23.9	22.5	21.9
30	1019.1	1019.3	1019.1	1018.7	1019.4	1019.7
MEANS	1018.9	1018.1	1018.4	1018.8	1017.8	1018.0
DEPARTURE FROM NORMAL	****	+1.0	****	+1.7	+1.1	+1.4

STATIONS	HIGHEST	DAY	TIME	YEAR	LOWEST	DAY	TIME	YEAR
NUKHAIB	1030.2	28th	0600	1965	1010.8	26th	1200	1965
HAI	1026.5	28th	1800	1965	1011.2	6th	1200	1965
NAJAF	1027.8	28th	0600	1965	1010.2	17th	0000	1965
DIWANIYA	1028.0	28th	0600	1965	1010.9	17th	0000	1965
NASIRIYA	1026.6	28th	0600	1965	1010.5	17th	0000	1965
BASRAH	1025.9	28th	0600	1965	1012.4	5th	1200	1965
NUKHAIB	1030.2	28th	0600	1965	1009.2	20th	1500	1964
HAI	1028.2	30th	0600	1953	1004.9	17th	1200	1951
NAJAF	1027.8	28th	0600	1965	1004.2	2nd	1500	1963
DIWANIYA	1030.0	29th	1800	1953	1004.5	7th	1200	1957
NASIRIYA	1028.6	30th	0600	1961	1006.2	7th	1200	1944
BASRAH	1028.2	30th	0600	1961	1004.9	26th	1300	1939

NOVEMBER 1965.

TABLE - 3 .

تشرين الثاني ١٩٦٥

المعدل اليومي للرطوبة النسبية (٪)

DAILY MEAN RELATIVE HUMIDITY (٪) OF 8 OBSERVATIONS

الايام DAYS	سنجار SIN-JAR	موصل MO-SUL	كركوك KIR-KUK	رطبة RUT-BAH	حبانية HABB-ANIYA	بغداد BAGH-DAD	نخيب NUK-KAIB	حي HAI	نجف NA-JAF	ديوانية DIWA-NIYA	ناصرية NASI-RIYA	بصرة BAS-RAH
1	25	54	30	37	54	33	24	40	37	36	46	52
2	30	51	30	37	50	41	24	39	37	36	47	55
3	26	47	26	51	43	40	25	44	36	41	41	57
4	28	46	25	42	46	39	25	38	39	37	35	56
5	24	49	28	61	40	37	25	33	36	37	33	56
6	49	69	51	55	58	38	34	42	41	40	39	58
7	53	72	52	59	70	63	59	50	64	59	48	65
8	50	69	72	66	80	91	74	79	88	80	82	76
9	40	59	59	55	60	73	47	77	77	80	78	92
10	27	59	37	53	54	59	43	57	65	68	56	73
11	25	52	27	46	52	51	38	50	54	56	40	61
12	39	52	32	46	52	55	42	49	51	50	39	65
13	49	65	30	46	52	45	30	49	49	46	42	62
14	46	65	34	54	43	43	31	43	49	34	37	50
15	45	62	36	51	55	43	27	39	49	42	39	52
16	49	60	39	49	49	50	29	54	45	52	48	57
17	68	69	59	56	51	58	31	70	49	60	59	60
18	65	72	72	58	61	66	34	62	51	60	54	64
19	37	61	62	52	52	52	37	51	42	53	45	73
20	41	58	63	50	56	54	36	49	45	54	38	53
21	40	60	54	56	63	64	34	48	48	58	46	59
22	44	59	51	52	62	58	31	51	51	56	48	62
23	44	61	52	54	57	49	40	49	52	53	51	64
24	51	63	57	50	71	53	43	54	53	58	52	64
25	46	62	50	47	65	51	37	58	53	60	69	73
26	64	70	49	45	59	55	36	52	46	51	54	64
27	81	80	63	56	63	61	39	66	56	60	60	82
28	69	80	60	50	70	59	39	58	59	64	53	64
29	47	73	53	51	69	59	39	59	59	64	52	69
30	49	70	44	54	60	57	43	57	56	59	59	77
MEANS	45	62	47	51	57	53	37	52	51	54	50	64
NORMAL	..	67	49	54	58	54	..	54	..	56	52	69

STATIONS	HIGHEST	TIME	DAY	LOWEST	TIME	DAY
SINJAR	95	0600	27th	17	0900	2nd
MOSUL	94	0300	27th	24	1200	5th
KIRKUK	94	0000	18th	8	1200	4th
RUTBAH	94	0300	8th	19	1200	1st
HABBANIYA	94	0300	7th	18	1200	3rd
BAGHDAD	99	0300	9th	16	1200	5th
NUKHAIB	93	0600	8th	15	0900	1st
HAI	95	1500	8th	20	1200	15th
NAJAF	98	0000	9th	22	1200	5th
DIWANIYA	97	2100	8th	19	1200	14th
NASIRIYA	93	2100	8th	13	1200	11th
BASRAH	97	0600	9th	20	1200	18th

NOVEMBER 1965. (6) تشرين الثاني ١٩٦٥

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

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

	سنجار		موصل		كركوك		خانقين		رطبة	
	SINJAR		MOSUL		KIRKUK		KHANAQIN		RUTBAH	
الايام	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DAYS	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	22.0	12.1	24.2	3.2	23.1	7.7	24.4	6.6	22.6	8.0
2	24.1	10.2	22.0	5.2	23.9	10.0	24.4	7.8	23.3	6.4
3	22.3	13.2	22.8	5.2	24.5	8.9	26.1	5.0	19.4	7.3
4	27.3	15.4	25.7	5.4	27.9	7.5	27.8	7.2	22.5	5.6
5	28.2	14.1	29.0	5.4	32.9	11.4	30.6	8.9	19.0	12.8
6	20.2	13.0	22.0	11.6	29.1	14.9	27.2	14.4	22.8	8.5
7	23.2	13.1	25.7	8.2	27.0	13.0	27.8	14.4	22.0	7.8
8	23.2	14.3	24.3	10.2	24.2	16.2	22.8	18.3	23.3	11.4
9	21.4	13.2	22.4	7.2	23.0	12.8	24.4	14.4	22.0	8.5
10	22.4	13.1	22.2	3.2	22.9	7.0	22.2	7.2	23.0	7.2
11	23.4	13.2	21.8	1.8	22.3	6.6	22.8	3.9	23.6	7.4
12	20.4	10.3	21.3	2.8	22.0	8.2	23.3	4.4	22.6	8.0
13	18.1	14.4	19.2	6.4	23.1	9.2	26.1	4.4	26.0	11.0
14	23.2	14.1	24.6	9.0	27.0	14.4	28.3	11.7	27.0	10.3
15	23.3	12.4	25.2	7.4	27.0	12.2	30.0	11.1	24.5	9.2
16	23.4	12.2	23.7	5.7	25.9	12.4	27.8	12.2	23.0	7.2
17	14.2	10.1	20.6	5.2	23.4	16.0	26.1	12.2	19.5	9.2
18	15.0	6.1	18.9	4.3	18.1	10.0	22.2	13.9	18.0	7.0
19	19.4	5.1	19.2	3.8	20.3	7.1	20.0	7.8	18.6	4.4
20	19.3	5.2	19.8	2.8	20.5	5.6	21.1	6.6	20.5	3.4
21	20.1	6.2	20.2	1.4	19.2	5.7	20.0	6.1	23.0	7.2
22	20.1	9.3	22.0	3.6	22.6	6.9	22.2	4.4	20.6	4.8
23	20.4	9.3	20.5	3.9	21.0	8.0	22.8	5.5	23.0	3.5
24	22.0	10.2	22.2	3.6	22.6	7.7	23.3	4.4	24.6	4.2
25	21.3	9.2	23.4	3.3	22.5	8.9	23.3	5.0	24.8	7.2
26	13.1	10.2	17.5	4.6	21.7	9.6	23.9	7.2	22.0	11.0
27	13.4	5.3	16.0	6.7	18.1	9.9	17.2	11.1	17.0	5.5
28	16.2	5.0	17.7	3.7	17.6	5.4	18.3	4.4	17.5	2.8
29	18.3	5.2	17.4	2.8	22.0	4.4	22.2	1.8	18.0	5.0
30	18.3	10.2	21.3	6.2	21.0	10.4	23.9	5.0	18.0	8.5
MEANS	20.6	10.5	21.8	5.1	23.2	9.6	24.1	8.2	21.7	7.9
DEPARTURE FROM NORMAL	***	***	-0.4	-1.7	+0.6	-1.6	-0.4	-2.5	+0.4	-0.4

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
SINJAR	30.2	1st	1962	0.0	30th	1964
MOSUL	35.0	?	1932	-4.4	24th	1958
KIRKUK	32.9	5th	1965	-2.0	30th	1953
KHANAQIN	35.0	7th	1940	-1.1	29th	1964
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°)

	حبانية		بغداد		نخيب		حي	
	HABBANIYA		BAGHDAD		NUKHAIB		HAI	
الأيام	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DAYS	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	24.6	7.2	24.6	6.4	23.2	6.4	26.2	11.0
2	25.1	8.9	25.2	7.7	23.9	8.9	27.6	13.0
3	23.9	10.5	24.6	10.3	22.4	11.5	24.6	14.0
4	25.6	9.7	25.7	8.8	23.4	10.6	30.0	15.0
5	26.0	10.6	27.6	9.5	24.9	14.0	32.0	13.0
6	23.4	12.3	25.3	16.5	25.0	12.4	33.0	18.0
7	26.1	10.7	27.5	16.5	23.5	11.0	30.2	18.3
8	23.3	15.9	21.0	15.9	21.1	13.0	23.8	19.0
9	25.0	13.0	24.9	13.0	24.2	10.6	25.2	16.2
10	23.2	10.1	23.4	8.5	23.6	8.3	25.4	11.8
11	24.2	5.8	23.3	3.1	24.5	7.1	23.6	8.0
12	22.6	7.2	22.8	6.0	23.9	7.8	26.2	7.3
13	26.2	8.4	25.6	8.3	26.4	8.5	27.8	9.0
14	27.8	11.6	27.6	11.8	26.5	10.5	29.4	13.2
15	27.0	10.2	28.0	13.0	27.4	11.2	30.8	14.0
16	27.0	12.0	27.5	10.5	26.1	11.5	26.3	12.2
17	27.5	12.2	26.9	12.8	25.8	10.0	23.6	16.4
18	20.6	13.6	21.4	13.6	20.2	10.0	27.2	14.0
19	19.5	6.6	19.6	9.0	18.6	5.8	23.0	12.2
20	18.9	4.0	19.0	4.6	19.5	3.0	22.0	6.0
21	22.5	5.5	21.2	4.1	21.0	4.4	22.2	5.2
22	22.2	7.1	22.6	6.0	22.5	5.9	23.6	8.0
23	21.8	7.6	23.0	6.6	21.8	5.7	23.8	9.8
24	22.4	8.0	23.0	7.8	23.2	6.1	24.0	8.0
25	24.0	6.1	24.0	5.2	24.1	6.5	25.0	9.2
26	25.0	10.0	24.0	8.3	25.1	9.5	25.6	8.0
27	18.6	8.9	18.9	10.4	19.0	6.2	23.0	13.0
28	18.4	6.4	18.2	4.4	17.9	3.8	20.0	7.2
29	19.0	4.4	18.9	2.2	18.6	4.6	20.2	4.2
30	23.0	6.4	23.3	5.6	21.5	2.1	25.2	8.0
MEANS	23.5	9.0	23.6	8.8	23.0	8.2	25.7	11.4
DEPARTURE FROM NORMAL	-0.9	-1.1	-0.9	-1.6	...	...	-0.5	-0.4

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
HABBANIYA	35.0	1st	1962	-3.3	30th	1953
BAGHDAD	34.8	1st	1957	-1.9	29th	1964
NUKHAIB	30.4	1st	1963	-0.7	29th	1964
HAI	37.2	3rd	1949	-0.6	24th	1958

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TABLE 4 - C

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درجات الحرارة العظمى و الصغرى اليومية (مئوية)

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

	نجف		ديوانية		ناصرية		بصرة	
	NAJAF		DIWANIYA		NASIRIYA		BASRAH	
الأيام	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DAYS	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	25.0	10.6	26.3	10.0	24.1	12.7	27.0	16.0
2	26.2	11.0	27.0	13.6	25.8	12.2	28.4	14.6
3	23.0	12.4	24.7	13.0	26.0	13.9	29.6	15.6
4	25.7	11.6	27.2	14.5	28.2	14.7	29.6	15.2
5	27.8	12.5	29.0	12.5	29.8	13.3	28.6	15.4
6	29.2	13.6	30.5	17.5	29.9	17.6	32.4	16.0
7	27.4	15.4	26.5	17.5	32.0	19.2	32.0	18.3
8	19.6	13.0	22.5	17.3	26.3	20.2	30.0	21.9
9	23.4	14.5	24.0	15.0	23.8	17.7	22.4	18.9
10	23.3	13.4	23.6	11.3	25.0	12.8	25.0	13.1
11	23.3	10.0	23.6	7.6	24.7	10.2	24.8	10.8
12	25.0	9.8	25.0	10.2	25.1	9.3	25.6	8.2
13	25.7	11.5	26.8	9.2	25.1	8.6	26.6	7.3
14	29.2	11.5	30.0	10.0	28.0	13.8	29.3	13.6
15	28.3	11.0	29.6	13.6	29.0	15.6	31.2	14.4
16	29.2	14.2	28.0	13.5	27.6	11.5	29.2	15.7
17	27.4	12.6	27.0	11.0	23.6	16.2	29.2	20.6
18	22.7	12.6	23.4	12.8	27.2	14.6	31.3	18.7
19	20.2	10.0	21.0	10.2	23.3	12.8	23.6	16.8
20	20.2	7.7	19.8	6.2	20.5	8.2	22.3	12.9
21	21.3	7.5	21.7	5.6	21.3	6.7	22.4	10.1
22	22.3	8.0	23.1	8.0	23.9	8.5	23.1	8.7
23	22.4	7.2	22.8	8.0	23.8	9.7	24.7	8.8
24	22.7	7.5	23.0	9.5	24.1	10.9	24.6	10.2
25	25.4	10.2	24.5	8.5	23.7	8.9	25.5	9.3
26	26.4	10.0	25.0	8.0	24.8	7.7	27.7	9.4
27	19.7	9.8	20.8	13.0	22.0	13.6	25.8	12.1
28	17.9	7.5	18.4	6.6	20.2	7.9	22.8	11.7
29	19.4	5.8	19.0	6.0	21.0	6.8	22.8	9.8
30	22.7	7.2	23.5	7.5	21.1	7.8	21.0	6.6
MEANS	24.1	10.7	24.4	10.9	25.0	12.1	26.6	13.4
DEPARTURE FROM NORMAL	...	...	-1.2	+1.0	-1.4	+0.4	-0.1	+0.2

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
NAJAF	30.5	2nd	1963	0.2	29th	1964
DIWANIYA	36.1	4th	1949	-2.8	16th	1948
NASIRIYA	36.7	1 &2th	1942	-1.6	24th	1958
BASRAH	36.6	10th	1939	1.0	29th	1964

TABLE 5. المعدل الشهري لدرجات الحرارة للبصلة الجافة (سنتغراد)
MONTHLY MEAN DRY-BULB TEMPERATURES (C°)

STATIONS	T I M E - G . M . T . 0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	....	11.4	14.1	17.9	19.0	16.2	13.5	....	15.3
MOSUL	7.5	6.4	10.4	18.0	20.7	16.0	11.8	9.2	12.5
KIRKUK	11.7	10.8	15.0	20.6	21.9	17.3	14.3	12.8	15.6
KHANAQIN	....	10.1	15.4	22.0	23.2	19.4	15.1	....	17.5
RUTBAH	9.6	8.4	12.4	19.3	20.9	17.3	13.4	11.2	14.1
HABBANIYA	11.0	9.8	14.5	21.6	23.1	17.9	14.7	13.5	15.7
BAGHDAD	12.2	10.2	14.4	21.4	23.3	19.2	15.2	13.3	16.2
NUKHAIB	....	....	13.5	20.4	22.1	19.9	16.0	....	18.4
HAI	....	12.5	16.3	24.0	24.8	19.7	16.6	....	19.0
NAJAF	12.7	11.0	15.8	21.7	23.7	19.8	16.8	14.8	17.0
DIWANIYA	12.9	11.7	16.4	22.7	24.1	19.6	16.0	14.5	17.2
NASIRIYA	14.1	12.7	16.3	22.8	24.6	20.8	17.8	15.8	18.1
BASRAH	15.7	14.2	18.8	24.6	25.5	20.7	18.2	16.7	19.3

TABLE 6. MONTHLY MEAN VAPUR-PRESSURE(MILLIBARS) معدل ضغط البخار (ملليبارات)

SINJAR	....	6.5	8.0	8.3	8.0	7.6	7.0	....	7.6
MOSUL	7.7	7.6	8.4	10.0	9.7	9.8	8.9	8.4	8.8
KIRKUK	7.7	7.6	8.2	7.9	7.4	8.2	7.9	7.7	7.8
KHANAQIN	....	7.5	9.2	9.6	9.8	9.4	9.0	....	9.1
RUTBAH	7.6	7.4	8.2	8.0	8.0	8.3	8.1	7.8	7.9
HABBANIYA	9.2	9.0	10.2	9.9	9.7	10.8	10.3	9.7	9.9
BAGHDAD	9.3	8.5	9.6	10.0	9.6	10.3	9.8	9.3	9.5
NUKHAIB	....	....	7.1	7.6	7.5	7.8	7.4	....	7.5
HAI	....	9.7	10.8	11.9	11.6	12.0	11.2	....	11.2
NAJAF	8.9	8.8	9.9	9.8	9.5	10.5	10.6	9.6	9.7
DIWANIYA	9.3	9.2	10.3	10.8	10.3	10.7	10.8	10.3	10.2
NASIRIYA	10.1	9.7	9.9	9.9	9.2	10.7	10.1	10.1	10.0
BASRAH	13.8	12.9	14.1	14.2	13.9	14.7	15.0	14.0	14.3

TABLE 7. MONTHLY MEAN WET-BULB TEMPERATURES(C°) معدل الحرارة للبصلة الرطبة

SINJAR	....	6.9	9.4	11.2	11.5	10.1	7.5	....	9.4
MOSUL	5.6	4.9	7.7	12.4	13.5	11.3	8.7	7.0	8.9
KIRKUK	7.8	7.2	9.8	12.4	12.7	10.9	9.3	8.4	9.8
KHANAQIN	....	6.7	10.7	13.9	14.5	12.6	10.4	....	11.5
RUTBAH	6.7	5.9	8.6	12.0	12.6	11.2	9.8	7.7	9.3
HABBANIYA	8.4	7.6	10.7	14.0	14.5	12.8	10.9	9.7	11.1
BAGHDAD	9.1	7.6	10.4	13.9	14.5	13.1	10.9	8.5	11.0
NUKHAIB	....	....	8.4	12.2	13.0	12.1	10.0	....	11.1
HAI	....	9.2	11.6	15.4	15.6	13.8	12.3	....	13.0
NAJAF	9.2	8.2	11.2	13.8	14.6	13.4	11.8	10.6	11.6
DIWANIYA	9.4	8.8	11.9	14.8	15.2	13.6	11.9	10.5	13.3
NASIRIYA	10.6	9.5	11.3	14.4	14.8	14.1	12.4	11.4	12.3
BASRAH	13.3	12.2	14.9	17.3	17.5	16.0	15.1	13.9	15.0

TABLE 8. MONTHLY MEAN DEW-POINT (C°) معدل درجة الندى (سنتغراد)

SINJAR	....	0.4	4.0	3.7	3.2	2.7	1.8	....	2.6
MOSUL	3.0	2.7	4.2	6.7	6.3	6.5	5.0	4.1	4.8
KIRKUK	2.4	2.1	3.4	3.0	2.0	3.5	3.0	2.5	2.7
KHANAQIN	....	3.1	5.4	6.0	6.2	5.5	5.0	....	5.2
RUTBAH	2.8	2.4	3.8	3.5	3.5	4.2	3.8	3.2	3.4
HABBANIYA	5.3	5.0	6.9	6.5	6.2	7.7	7.0	6.1	6.3
BAGHDAD	5.3	4.2	6.3	6.4	6.0	6.9	6.0	6.3	5.9
NUKHAIB	....	....	1.8	2.6	2.4	3.0	2.7	....	2.5
HAI	....	6.0	7.6	8.9	8.9	9.4	8.3	....	8.2
NAJAF	4.9	4.7	6.3	6.1	5.7	7.2	6.6	5.9	5.9
DIWANIYA	5.2	5.3	7.0	7.6	5.9	8.0	7.6	6.3	6.7
NASIRIYA	6.7	6.0	6.7	5.7	5.0	7.4	6.8	6.7	6.4
BASRAH	11.2	10.2	11.6	11.6	11.4	12.3	12.7	11.5	11.6

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TABLE - 9 . المعدل الشهري للرطوبة النسبية (٪)

MONTHLY MEAN RELATIVE HUMIDITY (%)

STATIONS	T I M E - G . M . T . 0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	..	48	52	42	38	42	46	..	45
MOSUL	74	78	67	48	41	55	64	71	62
KIRKUK	57	58	49	34	29	42	49	53	46
KHANAQIN	..	59	53	37	35	42	52	..	46
RUTBAH	63	67	56	36	32	43	53	59	51
HABBANIYA	69	73	62	39	35	53	61	65	57
BAGHDAD	63	68	58	40	34	47	60	63	54
NUKHAIB	..	..	46	32	28	34	42	..	36
HAI	..	66	57	44	37	53	59	..	52
NAJAF	61	67	55	38	33	46	53	57	54
DIWANIYA	62	63	56	40	35	49	59	62	53
NASIRIYA	62	64	54	36	30	43	50	56	49
BASRAH	76	78	64	46	43	60	71	73	64

TABLE 10. MONTHLY MEAN PRESSURE(MBS)AT M.S.L. الضغط الجوي على مطح البحر

SINJAR	...	20.3	20.6	20.0	18.1	19.2	20.2	...	1019.7
MOSUL	20.9	21.1	21.8	20.4	18.6	19.0	20.1	20.8	1020.3
KIRKUK	19.8	20.0	20.5	19.2	17.8	18.6	19.6	19.9	1019.4
KHANAQIN	....	21.0	20.1	18.2	17.0	17.9	19.4	....	1018.9
RUTBAH	18.8	19.5	20.3	19.1	17.9	18.6	19.3	19.0	1019.1
HABBANIYA	19.0	19.5	20.6	19.4	17.7	18.3	19.0	19.1	1019.1
BAGHDAD	18.9	19.5	20.5	19.6	18.0	18.3	18.1	18.1	1018.9
NUKHAIB	....	....	20.7	19.3	17.6	18.0	18.9	....	1018.9
HAI	....	18.0	19.2	18.3	17.2	17.4	18.1	....	1018.2
NAJAF	18.1	18.5	19.9	19.0	17.3	17.7	18.4	18.4	1018.4
DIWANIYA	18.6	18.9	20.4	19.2	17.7	18.1	18.9	18.9	1018.8
NASIRIYA	17.5	18.0	19.2	18.3	16.9	17.1	17.6	17.8	1017.8
BASRAH	17.6	18.0	19.5	18.4	17.1	17.4	17.9	17.8	1018.0

TABLE 11. MONTHLY MEAN LOW CLOUD AMOUNTS (OKTAS) كمية الغيوم الواطئة (اثمان)

SINJAR	...	0.5	1.3	1.9	1.8	0.7	0.4	...	1.1
MOSUL	0.9	0.9	1.1	1.9	2.0	1.5	1.0	1.0	1.3
KIRKUK	1.5	1.4	1.1	1.6	1.9	1.7	1.1	1.4	1.5
KHANAQIN	...	2.8	2.1	2.0	3.3	3.2	2.0	...	2.6
RUTBAH	0.9	0.9	0.7	0.6	1.4	1.2	0.6	0.9	0.9
HABBANIYA	0.2	0.4	0.4	0.2	0.5	0.3	0.2	0.5	0.3
BAGHDAD	0.1	0.3	0.4	0.3	0.6	0.4	0.5	0.2	0.4
NUKHAIB	...	...	0.9	0.7	1.0	1.0	0.5	...	0.8
HAI	0.1	1.0	0.8	0.8	1.2	1.2	0.8	0.3	1.0
NAJAF	0.3	0.8	0.8	0.7	1.1	1.1	0.6	0.3	0.7
DIWANIYA	0.4	0.8	0.7	0.8	1.1	1.0	0.7	0.6	0.8
NASIRIYA	1.0	2.1	2.1	1.8	1.5	1.5	1.1	0.7	1.5
BASRAH	0.6	0.9	0.6	0.8	1.0	0.6	0.5	0.3	0.7

TABLE 12. MONTHLY MEAN TOTAL CLOUD AMOUNTS(OKTAS) مجموع كمية الغيوم (اثمان)

SINJAR	...	2.4	3.4	3.5	3.7	3.2	1.5	...	2.9
MOSUL	1.8	2.2	3.3	3.5	3.7	3.0	1.6	1.3	2.6
KIRKUK	1.8	1.8	3.0	3.2	3.2	3.2	1.9	2.3	2.6
KHANAQIN	...	3.7	3.5	3.7	4.6	4.4	2.8	...	3.8
RUTBAH	1.3	3.0	3.0	2.9	4.1	3.5	2.0	1.8	2.8
HABBANIYA	1.7	2.8	3.2	3.1	3.2	3.4	2.3	2.1	2.7
BAGHDAD	1.5	2.7	3.1	3.0	3.7	3.4	2.2	2.3	2.7
NUKHAIB	...	...	3.1	2.9	3.4	3.7	2.5	...	3.1
HAI	...	2.8	3.9	4.0	4.2	3.7	3.2	...	3.7
NAJAF	1.8	2.2	3.2	3.5	3.7	3.4	2.0	2.1	2.7
DIWANIYA	1.8	2.6	3.0	3.3	3.5	3.1	2.1	1.8	2.7
NASIRIYA	1.5	3.5	3.7	3.7	3.6	3.5	2.6	2.1	3.0
BASRAH	2.7	3.2	3.5	3.5	3.5	3.2	2.9	2.6	3.1

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TABLE 13 - M.

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	CALM سكون	SPEED IN KNOTS السرعة بالعقد 1-10	11-21	22-33	34	معدل السرعة بالعقد MEAN V.K.
سنجار SINJAR	0300	22	3	0	0	0	0	1	0	4	26	0	0	0	4
	0600	15	3	2	0	0	2	4	0	4	26	0	0	0	4
	0900	2	3	6	1	3	0	11	1	3	26	1	0	0	3
	1200	4	0	6	2	6	2	6	2	2	28	0	0	0	4
	1500	6	0	3	0	1	0	4	3	13	15	2	0	0	3
	1800	15	1	4	0	0	0	4	2	4	25	1	0	0	4
	TOTAL	64	10	21	3	10	4	30	8	30	146	4	0	0	4
موصل MOSUL	0000	4	0	0	0	2	0	5	3	16	14	0	0	0	1
	0300	1	0	0	1	2	1	6	7	12	18	0	0	0	2
	0600	2	0	0	0	2	0	10	6	10	20	0	0	0	3
	0900	7	0	2	1	4	0	6	4	6	23	1	0	0	3
	1200	7	1	6	2	0	0	6	3	5	24	1	0	0	4
	1500	2	0	0	1	0	0	11	2	14	16	0	0	0	3
	1800	0	0	0	1	2	0	12	2	13	17	0	0	0	2
	2100	1	0	0	0	3	1	7	1	17	13	0	0	0	2
	TOTAL	24	1	8	6	15	2	63	28	93	145	2	0	0	3
كركوك KIRKUK	0000	0	3	1	1	1	0	0	0	24	6	0	0	0	1
	0300	0	4	0	1	0	0	0	0	25	5	0	0	0	1
	0600	0	3	1	1	0	0	1	0	24	5	1	0	0	1
	0900	0	0	0	1	1	0	6	1	21	8	1	0	0	2
	1200	0	0	0	0	1	1	8	1	19	9	2	0	0	2
	1500	0	0	0	2	0	1	1	1	25	4	1	0	0	1
	1800	1	4	0	1	2	0	0	0	24	5	1	0	0	1
	2100	1	3	2	2	0	0	0	0	22	6	2	0	0	2
	TOTAL	2	17	4	9	3	2	16	3	184	48	8	0	0	1
خانقين KHANAQIN	0300	0	0	11	6	2	0	0	0	11	19	0	0	0	3
	0600	0	0	13	1	3	0	1	0	12	17	1	0	0	3
	0900	9	0	0	1	4	0	7	2	8	20	1	1	0	5
	1200	3	0	0	0	4	1	15	3	2	26	1	1	0	6
	1500	3	0	2	0	3	0	10	4	8	21	1	1	0	4
	1800	3	0	10	0	4	0	1	1	11	17	2	0	0	4
	TOTAL	18	0	36	7	20	1	34	12	52	120	6	2	0	4
رطبة RUTBAH	0000	0	0	0	2	5	0	4	0	19	6	3	2	0	5
	0300	0	0	1	0	11	4	3	0	11	16	3	0	0	5
	0600	0	0	0	2	4	4	10	2	8	20	2	0	0	4
	0900	2	0	3	3	8	0	7	1	6	21	2	1	0	6
	1200	1	1	1	6	5	1	4	3	8	18	3	1	0	5
	1500	3	2	3	5	2	0	2	3	10	18	2	0	0	4
	1800	3	1	2	3	2	0	2	2	15	11	4	0	0	4
	2100	1	3	3	1	4	2	2	0	14	9	7	0	0	5
	TOTAL	10	7	13	22	44	11	34	11	91	119	26	4	0	5

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TABLE 13 - b .

عدد تكرار رصدات الرياح السطحية

SURFACE - WIND, NUMBER OF OBSERVATIONS OF:

المحطة STATIONS	وقت كرينتش TIME GMT.	DIRECTION الاتجاه								CALM ساكن	SPEED IN KNOTS السرعة بالعقد				عدد السرعة المتوسطة MEAN V.K
		N	NE	E	SE	S	SW	W	NW		1-10	11-21	22-33	34	
حبانية HABBANIYA	0000	0	1	3	0	0	1	4	2	19	11	0	0	0	2
	0300	2	2	2	0	0	0	2	10	12	18	0	0	0	3
	0600	1	0	2	1	0	0	3	15	6	21	3	0	0	8
	0900	6	0	1	2	3	0	8	9	1	22	6	1	0	8
	1200	8	0	1	1	4	1	0	11	4	20	6	0	0	7
	1500	3	0	1	1	1	0	1	7	16	13	1	0	0	5
	1800	2	0	3	0	3	0	2	1	19	9	2	0	0	5
	2100	1	0	1	2	2	1	2	5	16	12	2	0	0	5
	TOTAL	23	3	14	7	13	3	24	60	93	126	20	1	0	4
بغداد BAGHDAD	0000	1	1	1	1	0	0	5	6	15	15	0	0	0	3
	0300	6	0	1	2	0	0	3	7	11	19	0	0	0	3
	0600	3	0	1	1	1	0	0	17	7	22	1	0	0	5
	0900	6	1	0	4	1	0	2	13	4	16	10	0	0	6
	1200	8	1	0	4	1	1	1	11	3	23	4	0	0	6
	1500	0	0	1	3	1	0	2	12	12	17	1	0	0	4
	1800	1	0	0	4	2	0	0	13	10	19	1	0	0	4
	2100	2	1	0	2	0	1	1	9	14	15	1	0	0	3
	TOTAL	27	4	4	21	4	2	14	88	76	146	18	0	0	5
نخيب NUKHAIB	0600	13	3	0	1	3	1	4	0	5	23	2	0	0	2
	0900	5	5	6	0	3	2	2	1	6	22	2	0	0	6
	1200	6	2	5	1	7	1	1	1	6	24	0	0	0	4
	1500	4	1	9	2	5	1	1	0	7	21	2	0	0	4
	1800	4	3	6	1	6	1	1	0	8	21	1	0	0	5
	TOTAL	32	14	26	5	24	6	9	2	32	111	7	0	0	3
حي HAY	0300	7	2	3	0	1	1	2	12	2	27	1	0	0	6
	0600	4	3	2	1	0	1	3	13	3	26	1	0	0	5
	0900	6	2	2	2	0	0	6	8	4	22	4	0	0	7
	1200	7	2	3	0	2	0	1	10	5	21	4	0	0	6
	1500	6	0	3	1	0	0	0	12	8	21	1	0	0	4
	1800	3	1	3	0	1	0	2	12	8	18	4	0	0	6
	TOTAL	33	10	16	4	4	2	14	67	30	135	15	0	0	6
نجف NAJAF	0000	14	2	3	0	3	2	2	3	0	23	7	0	0	6
	0300	13	1	0	0	4	4	2	6	0	26	4	0	0	6
	0600	16	1	0	0	1	1	3	7	1	27	2	0	0	7
	0900	16	2	0	1	1	0	2	7	1	23	6	0	0	6
	1200	18	4	2	3	0	0	0	2	1	21	8	0	0	9
	1500	16	1	2	2	1	0	0	6	2	25	3	0	0	6
	1800	14	1	0	3	0	1	1	7	3	24	3	0	0	7
	2100	11	2	1	1	3	3	5	4	0	25	5	0	0	8
	TOTAL	118	14	8	10	13	11	16	42	8	194	38	0	0	8

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TABLE 13 C.

عدد تكرار رصدات الرياح السطحية

SURFACE - WIND NUMBER OF OBSERVATIONS OF:

المحطة STATIONS	وقت كرينتش TIME GMT.	DIRECTIONS الاتجاه N	NE	E	SE	S	SW	W	NW	بكن CALM	SPEED IN KNOTS السرعة بالعقد 1-10	11-21	22-33	34	معدل السرعة MEAN V.K.
ديوانية DIWANIYA	0000	8	1	4	0	0	1	10	2	4	24	2	0	0	5
	0300	6	2	2	1	0	0	12	2	5	22	3	0	0	5
	0600	10	1	1	0	1	0	7	5	5	21	4	0	0	5
	0900	12	1	0	1	1	0	6	4	5	14	11	0	0	8
	1200	18	1	4	0	1	4	0	2	0	25	5	0	0	8
	1500	12	1	4	1	0	0	5	4	3	25	2	0	0	5
	1800	9	1	3	2	0	0	6	3	6	23	1	0	0	4
	2100	8	2	5	0	0	0	7	1	7	22	1	0	0	4
	TOTAL	83	10	23	5	3	5	53	23	35	176	29	0	0	6
ناصرية NASIRIYA	0000	4	1	0	4	0	0	8	11	2	28	0	0	0	6
	0300	3	0	1	4	1	2	5	14	0	30	0	0	0	5
	0600	2	0	0	1	2	2	7	7	2	28	0	0	0	5
	0900	2	1	0	2	3	1	3	16	2	22	6	0	0	7
	1200	5	0	2	2	1	0	2	17	1	25	4	0	0	7
	1500	3	0	1	5	0	0	3	16	2	27	1	0	0	6
	1800	2	0	0	6	0	1	0	17	4	25	1	0	0	6
	2100	3	0	2	2	0	0	5	15	3	26	1	0	0	6
	TOTAL	24	2	6	26	7	6	33	120	16	211	13	0	0	6
بصرة BASRAH	0000	9	2	1	0	2	1	5	10	0	30	0	0	0	5
	0300	3	3	3	2	0	0	9	10	0	30	0	0	0	4
	0600	7	1	3	2	2	1	5	9	0	29	1	0	0	5
	0900	6	2	2	1	4	1	2	12	0	23	7	0	0	7
	1200	8	2	0	3	3	1	0	13	0	24	6	0	0	7
	1500	6	0	1	2	4	1	3	13	0	30	0	0	0	4
	1800	8	1	2	2	4	0	4	8	1	28	1	0	0	5
	2100	8	1	0	3	5	0	3	10	0	30	0	0	0	6
	TOTAL	55	12	12	15	24	5	31	85	1	224	15	0	0	5

TABLE 14.

اعلى سرعة ريح خلال ساعة

HIGHEST WIND - SPEED, DURING ONE HOUR.

STATIONS	HIGHEST WIND-SPEED DURING ONE HOUR(V.K)	DIRECTION	TIME GMT.	DAY
SINJAR	15 knots	360	1500	18th
MOSUL	12	100	1200	26th
KIRKUK	20	120	1500	26th
KHANAQIN	31	180	0900	17th
RUTBAH	25	270	0900	17th
HABBANIYA	25	130	0900	26th
BAGHDAD	18	130	1800	26th
NUKHAIB	17	340	1800	26th
HAI	18	290	0900	23rd
NAJAF	18	200	0900	26th
DIWANIYA	19	340	1800	7th
NASIRIYA	17	340	2100	7th
BASRAH	17	160	0900	17th.

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القراءات اليومية لحرارة العشب و التربة و البخر

DAILY GRASS MINIMUM TEMPERATURES C° , AND SOIL TEMPERATURES C° OF 0.3 & 1.2 M , and EVAPORATION (MILLIMETERS)

STATIONS	MOSUL	KIRKUK			HABBANIYA			BAGHDAD			NAJAF		NASIRIYA			BASRAH	BAGHDAD
DAYS	0.3m	GRASS	0.3M	1.2M	GRASS	0.3M	1.2M	GRASS	0.3M	1.2M	0.3M	1.2M	GRASS	0.3M	1.2M	GRASS	EVAPORATION (MM)
1	12.7	2.5	17.2	24.3	4.5	23.3	28.5	0.9	19.9	27.4	22.0	28.0	12.2	22.2	29.2	13.2	6.0
2	12.9	3.6	16.9	23.9	5.3	23.4	28.4	2.4	20.3	27.2	23.0	28.4	11.7	22.1	28.9	10.8	3.0
3	13.1	1.0	16.6	23.8	6.2	23.2	27.9	6.0	20.6	27.0	22.5	22.6	13.2	22.3	28.8	11.8	5.0
4	12.3	1.5	16.3	23.6	6.6	23.1	27.8	5.6	20.5	26.8	22.2	27.2	14.2	22.7	28.5	11.2	5.0
5	12.5	4.6	16.3	23.4	7.8	22.9	27.6	7.0	20.5	27.8	22.5	27.0	12.9	23.0	28.4	13.2	5.0
6	14.6	7.3	17.1	23.3	10.4	23.4	27.3	10.0	21.7	26.6	23.3	26.9	16.9	23.2	28.1	10.7	5.0
7	14.4	10.0	17.3	23.2	7.2	22.8	27.2	11.8	21.6	26.5	23.3	26.5	18.7	23.9	28.1	14.0	4.0
8	14.3	13.6	18.3	22.9	13.4	23.2	27.0	14.3	21.7	26.3	22.4	26.8	19.5	24.7	27.8	20.8	6.0
9	14.4	9.5	18.6	22.9	9.5	23.3	27.1	10.4	20.9	26.4	20.0	26.6	17.3	24.2	27.6	17.2	3.0
10	13.6	1.7	17.8	22.9	6.6	23.1	26.9	4.2	20.0	26.2	18.5	26.2	12.0	22.9	27.6	10.5	3.0
11	13.0	2.0	16.7	22.9	1.6	22.4	26.2	-3.8	18.1	25.0	18.4	25.5	9.4	22.1	27.6	8.5	4.0
12	13.1	4.6	16.0	22.8	3.9	22.0	26.6	-2.6	18.2	26.0	17.0	25.3	8.3	21.3	27.3	5.7	3.0
13	12.7	6.2	15.6	22.7	7.5	21.5	26.5	3.2	17.9	25.6	18.0	25.0	7.8	20.0	27.2	5.5	3.0
14	12.7	11.4	16.3	22.5	8.3	21.7	26.2	6.8	19.1	25.5	19.5	24.5	11.9	21.2	27.1	8.0	2.0
15	12.2	5.6	16.8	22.3	7.2	21.7	26.1	6.8	19.2	26.4	19.6	24.4	13.8	22.2	27.0	9.6	5.0
16	12.5	8.8	17.2	22.2	9.9	22.1	26.1	6.8	19.1	26.0	20.0	24.6	10.6	22.2	26.9	9.3	3.0
17	12.3	13.5	17.5	22.2	9.5	22.2	26.1	8.4	20.0	25.2	20.5	24.5	15.3	22.5	26.9	14.6	3.0
18	11.8	9.4	17.3	22.1	11.0	22.4	25.7	11.9	20.2	25.1	20.0	24.5	13.0	21.9	26.6	13.4	4.0
19	11.2	5.1	16.6	22.1	3.9	21.8	25.7	5.3	19.2	25.0	18.9	24.6	12.5	22.2	26.6	13.4	3.0
20	10.8	2.6	15.6	22.1	0.0	20.8	25.6	-2.0	17.5	25.0	18.0	24.2	7.6	21.1	26.6	10.4	2.0
21	10.6	1.6	15.5	21.9	2.5	20.0	25.6	-1.2	16.8	25.0	16.4	24.0	6.5	19.9	26.4	6.2	2.0
22	10.2	3.6	15.3	21.6	4.4	20.0	25.5	4.4	17.0	24.6	16.6	23.6	6.5	19.4	26.2	3.2	2.0
23	10.0	5.0	15.3	21.6	4.0	19.9	25.2	-1.3	17.2	24.6	17.0	23.2	8.8	19.5	26.2	5.2	3.0
24	10.5	4.4	15.1	21.5	4.5	19.7	25.0	2.4	17.5	24.5	17.0	23.0	10.0	19.4	26.1	5.7	4.0
25	10.2	5.7	15.0	21.1	2.7	19.5	25.0	1.6	16.8	24.4	17.4	24.2	8.1	19.5	26.0	3.5	5.0
26	10.6	3.6	15.0	21.1	5.8	19.6	24.7	-1.5	17.2	24.3	17.5	22.4	6.2	19.3	25.8	3.4	0.0
27	11.1	7.4	15.1	21.0	5.0	19.6	24.5	2.6	17.6	24.0	18.3	22.6	11.8	19.5	25.7	10.6	2.0
28	11.3	2.7	14.9	21.0	1.7	19.2	24.5	-0.5	16.3	24.0	16.7	22.7	7.2	19.0	25.5	9.3	5.0
29	11.5	0.5	14.2	20.8	1.6	18.8	24.4	-4.7	15.5	24.0	15.8	21.8	6.2	18.5	25.5	4.4	3.0
30	10.8	8.0	14.3	20.5	3.4	18.4	24.2	1.8	15.4	23.8	15.4	22.0	6.8	18.2	25.3	1.2	2.0
MEANS	12.1	5.6	16.3	22.3	5.9	21.7	26.2	3.8	18.8	25.5	19.3	24.8	11.2	21.3	27.1	9.5	3.1

EVAPORATION AT 0600 GMT. IN PAN CLASS A

TABLE - 17 . CLIMATOLOGICAL SUMMARY الملخصات المناخية

NUMBER OF DAYS FOR THE CASES OF PHENOMENA : عدد الأيام التي حدثت فيها الظواهر التالية

STATIONS	RAIN	SNOW	HAIL	THUNDER STORM	FOG	MIST	HAZE	RISING DUST	SUSPENDED DUST	DUST STORM	GROUND FROST	STATE OF SKY CLEAR	STATE OF SKY CLOUDY
SINJAR	1	0	0	1	0	0	0	0	0	0	0	7	0
MOSUL	4	0	0	0	0	4	4	0	0	0	0	11	1
KIRKUK	4	0	0	0	0	0	0	2	0	0	0	12	0
KHANAQIN	3	0	0	1	0	0	1	1	0	0	0	8	4
RUTBAH	1	0	0	0	0	0	0	2	0	0	0	9	3
HABBANIYA	3	0	0	1	0	3	4	1	2	0	0	8	0
BAGHDAD	3	0	0	2	2	5	19	1	2	0	7	7	1
NUKHAIB	1	0	1	1	0	0	0	1	0	0	0	10	1
HAI	5	0	0	0	0	0	0	3	1	0	0	7	4
NAJAF	2	0	0	2	2	1	0	2	0	0	0	11	1
DIWANIYA	3	0	0	1	0	0	0	1	2	0	0	10	2
NASIRIYA	3	0	0	1	0	1	0	1	6	1	0	10	2
BASRAH	2	0	0	1	1	8	1	0	1	0	0	9	2

TABLE - 18 .

DURATION OF SUNSHINE : مدة سطوع الشمس الساعات

STATIONS	MONTHLY TOTAL SUNSHINE HOURS	MAX. SUNSHINE DURING ONE DAY HOURS	DAY	No. OF DAYS WITHOUT SUNSHINE
MOSUL	259.5	10.7	3&4th	0
HABBANIYA	233.9	10.2	10th	0
BAGHDAD	220.3	9.8	10th	1
BASRAH	227.3	10.2	11&12th	0

DECEMBER 1965 (12)

الجمهورية العراقية

وزارة المواصلات

مديرية الطيران المدني العامة

مفتشية الانواء الجوية العامة

شعبة المناخ

بغداد

معلومات مناخية لشهر كانون الاول ١٩٦٥

مجلد ٢٨ عدد (١٢) كانون الاول ١٩٦٥

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

MONTHLY CLIMATOLOGICAL DATA FOR DECEMBER

1 9 6 5

VOLUME 28, NO. (12) DECEMBER 1 9 6 5 .

اعداد و تنظيم و طبع و توزيع ـ شعبة المناخ

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DECEMBER 1963.

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TABLE 1 - a .

الجدول اليومي لدرجات الحـــــرارة (سنتغراد)

DAILY MEAN TEMPERATURES (C°) OF 8 OBSERVATIONS

الايام	سنجار	موصـــل	كركوك	رطبة	حبانية	بغداد
DAYS	SINJAR	MOSUL	KIRKUK	RUTBAH	HABBANIYA	BAGHDAD
1	13.3	10.1	12.9	11.7	12.8	13.5
2	13.1	10.1	12.5	12.8	12.5	11.4
3	13.3	9.9	13.2	15.8	13.7	12.0
4	10.9	10.4	14.5	13.5	15.4	14.6
5	14.0	11.8	16.5	10.7	15.2	17.8
6	13.9	11.4	15.6	13.0	16.1	15.7
7	14.5	15.3	16.3	11.2	16.6	17.1
8	15.8	14.6	15.8	10.8	15.3	16.6
9	15.8	12.3	15.0	10.5	13.9	13.7
10	13.5	11.2	14.2	10.7	12.4	12.8
11	12.3	10.2	13.8	12.5	12.6	13.4
12	14.3	13.8	16.9	15.3	15.8	17.2
13	10.0	16.1	18.9	14.2	19.4	19.4
14	10.4	12.4	13.5	10.1	14.5	15.3
15	10.3	11.4	11.8	10.1	11.3	11.5
16	9.8	10.1	11.6	10.5	10.7	11.2
17	6.6	7.6	8.8	9.5	11.8	11.9
18	6.3	5.5	6.0	5.6	8.5	8.4
19	5.0	5.1	8.0	5.2	6.3	6.2
20	6.3	7.4	8.4	4.4	5.0	6.0
21	7.2	4.3	6.5	4.0	5.2	5.3
22	7.0	4.7	8.4	4.2	5.3	5.1
23	6.2	5.5	8.2	6.2	7.3	8.2
24	7.5	8.0	9.7	6.9	7.6	10.0
25	5.6	6.8	9.8	10.1	9.2	9.2
26	5.9	9.4	10.9	10.9	12.5	12.2
27	6.1	10.4	12.6	11.2	12.9	14.0
28	7.6	10.0	9.9	8.2	10.2	11.1
29	7.6	6.2	9.6	7.7	8.6	9.1
30	7.6	6.8	9.1	8.8	9.3	8.8
31	7.9	7.9	10.0	11.2	9.9	11.1
MEANS	9.9	9.6	11.9	9.9	11.6	12.0
DEPARTURE FROM NORMAL	...	+1.7	+1.3	+1.6	+0.7	+0.8

NOTE AT: SINJAR OBSERVATIONS 0000 & 2100 ARE MISSED.

T I M E - G . M . T .

0000 + 0300 + 06 + 0900 + 1200 + 1500 + 1800 + 2100 = DAILY MEAN

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TABLE 1 - b . المعدل اليومي لدرجات الحـــــرارة (سنتغراد)

DAILY MEAN TEMPERATURES (°C) OF 8 OBSERVATIONS

الايام	نخيب	حي	نجف	ديوانية	ناصرية	بصرة
DAYS	NUKHAIB	HAI	NAJAF	DIWANIYA	NASIRIYA	BASRAH
1	15.8	16.9	15.0	14.9	16.1	16.2
2	15.4	15.4	14.4	14.0	14.9	15.7
3	17.4	15.7	14.3	13.5	14.4	13.6
4	15.9	15.6	16.2	14.7	15.6	15.0
5	16.3	20.8	16.7	18.0	17.9	17.0
6	17.0	19.7	17.4	17.8	17.4	17.6
7	17.6	18.4	18.1	18.5	18.1	17.7
8	15.5	18.8	16.9	16.6	17.5	18.0
9	16.2	18.7	15.0	15.4	15.9	16.6
10	15.2	17.0	14.6	14.4	15.6	15.9
11	15.2	16.1	14.6	14.4	15.0	15.4
12	18.9	16.8	16.0	16.6	16.6	16.1
13	21.4	17.8	17.1	18.4	18.4	16.8
14	13.6	17.9	15.7	15.9	17.4	19.0
15	13.1	14.8	12.7	12.2	13.5	15.0
16	12.6	12.8	12.2	11.9	12.4	12.9
17	12.6	12.1	11.4	10.9	12.4	13.9
18	9.7	10.6	9.4	9.0	9.3	11.0
19	8.5	9.2	7.5	7.3	7.4	8.7
20	8.0	9.0	6.6	7.0	7.5	8.5
21	8.4	8.4	6.6	5.9	6.9	7.3
22	7.1	7.7	6.9	5.8	7.1	7.6
23	10.8	9.8	7.9	8.3	8.9	9.7
24	10.2	13.0	8.2	9.8	12.3	13.8
25	11.2	12.6	9.1	8.8	9.2	10.4
26	14.3	15.0	11.0	10.6	11.2	11.8
27	14.2	14.4	12.7	13.6	15.5	15.5
28	12.5	14.2	11.9	11.1	13.3	15.8
29	12.2	12.1	10.7	10.5	10.8	11.7
30	13.8	11.9	10.3	9.5	11.0	11.3
31	13.7	12.8	10.7	11.7	11.5	11.9
MEANS	13.7	14.4	12.2	12.5	13.3	13.8
DEPARTURE FROM NORMAL	....	+1.2	....	+0.2	+0.7	+0.2

NOTE;: AT NUKHAIB, OBSERVATIONS 0000,0300,1800, & 2100 ARE MISSED.
AT HAI OBSERVATIONS 0000 & 2100 ARE MISSED.

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TABLE 2- a . المعدل اليومي للضغط الجوي على سطح البحر (بالملبارات)

DAILY MEAN PRESSURES (MILLIBARS) AT M.S.L. OF 8 OBSERVATIONS

الايام	سنجار	موصل	كركوك	رطبة	حبانية	بغداد
DAYS	SINJAR	MOSUL	KIRKUK	RUTBAH	HABBANIYA	BAGHDAD
1	1023.1	1024.0	1022.6	1023.4	1022.8	1023.7
2	22.1	22.8	21.4	22.0	22.1	21.7
3	20.2	21.0	19.9	17.1	19.9	20.0
4	21.4	22.0	20.9	17.7	19.5	19.9
5	23.3	23.9	22.4	22.4	19.2	21.4
6	20.4	21.0	19.7	18.4	18.8	18.8
7	18.1	17.7	16.7	16.4	15.2	15.7
8	19.6	20.2	18.9	20.9	18.3	17.5
9	22.0	22.5	21.4	22.9	21.1	20.6
10	20.9	21.3	20.3	20.5	20.3	21.5
11	21.2	21.6	20.7	17.8	20.1	20.3
12	17.6	18.5	17.8	13.3	16.0	17.0
13	11.8	12.2	12.2	09.7	09.8	11.4
14	12.8	13.6	13.8	14.2	13.3	13.4
15	19.5	19.4	18.7	19.2	18.5	18.5
16	17.5	17.5	17.1	15.8	16.8	17.2
17	14.7	16.4	16.3	18.4	18.2	18.8
18	24.9	24.9	24.5	25.5	25.1	25.0
19	20.1	23.3	22.6	23.5	22.6	22.6
20	19.9	21.4	20.4	23.4	21.2	20.7
21	26.2	27.3	25.4	28.3	25.3	25.9
22	25.0	26.8	24.5	24.2	24.4	24.3
23	22.0	22.1	21.2	17.8	19.3	20.1
24	18.6	18.3	17.4	16.8	15.7	15.5
25	19.9	20.2	19.1	18.0	18.7	18.9
26	18.6	18.5	19.2	16.1	17.8	19.2
27	16.9	15.2	15.3	13.4	13.9	14.8
28	17.5	16.5	16.0	18.2	16.9	16.7
29	25.9	27.6	26.5	26.4	26.6	26.3
30	26.3	28.0	27.1	23.2	26.8	26.9
31	27.3	26.2	26.0	24.3	25.7	25.5
MEANS	1020.6	1021.0	1020.2	1019.7	1019.7	1020.0
DEPARTURE FROM NORMAL	....	-0.1	+0.1	-1.2	-1.3	0.0

STATIONS	HIGHEST	DAY	TIME	YEAR	LOWEST	DAY	TIME	YEAR	
SINJAR	1028.6	31st	0600	1965	1010.3	14th	1500	1965	1965
MOSUL	1029.3	30th	0600	1965	1008.5	13th	1200	1965	
KIRKUK	1028.6	30th	0600	1965	1009.2	13th	1800	1965	
RUTBAH	1028.4	29th	0600	1965	1008.6	13th	1200	1965	
HABBANIYA	1028.8	30th	0600	1965	1009.0	13th	1200	1965	
BAGHDAD	1028.6	30th	0600	1965	1009.4	13th	1500	1965	
SINJAR	1030.7	7th	0300	1963	1003.1	11th	1500	1963	RECORD
MOSUL	1033.7	26th	0600	1947	1004.0	30th	2100	1963	
KIRKUK	1031.5	13th	0600	1956	1002.9	30th	1500	1963	
RUTBAH	1035.9	26th	0600	1947	1005.5	16th	0000	1954	
BAGHDAD	1032.2	13th	0600	1956	1003.8	30th	1200	1963	

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TABLE 2 - b .

المعدل اليومي للضغط الجوي على سطح البحر (ملليبارات)

DAILY MEAN PRESSURES (MILLIBARS) AT M.S.L. OF 8 OBSERVATIONS

الايام	نخيب	حي	نجف	ديوانية	ناصرية	بصرة
DAYS	NUKHAIB	HAI	NAJAF	DIWANIYA	NASIRIYA	BASRAH
1	1023.2	1020.8	1021.5	1022.0	1020.4	1020.1
2	22.8	19.9	21.5	21.7	20.1	19.4
3	18.7	19.3	19.7	20.2	19.4	19.8
4	18.4	19.5	18.5	19.5	19.1	19.8
5	21.2	20.2	20.6	20.9	19.7	19.6
6	18.0	17.7	17.9	18.6	17.9	17.7
7	13.2	15.1	13.8	14.8	14.8	15.6
8	19.3	15.4	16.6	15.4	15.5	16.2
9	21.6	19.8	20.4	20.6	19.7	19.2
10	20.0	19.1	19.7	20.2	19.6	19.5
11	18.5	19.8	19.5	20.0	19.8	19.8
12	15.7	17.5	15.8	16.7	17.4	18.3
13	8.8	14.4	10.5	12.4	15.9	15.9
14	14.9	13.1	13.3	13.7	13.2	14.1
15	19.2	17.2	18.2	18.5	17.7	17.4
16	16.1	16.9	16.7	17.6	17.3	17.8
17	19.8	19.9	19.5	20.1	19.8	19.4
18	24.5	23.8	24.5	24.8	23.6	23.3
19	21.5	20.2	22.1	22.7	21.8	21.6
20	22.0	19.2	21.0	20.8	20.0	19.7
21	25.5	23.7	24.7	25.1	23.8	23.5
22	24.3	23.8	24.0	24.9	24.0	24.1
23	16.2	20.7	18.7	19.7	20.1	21.1
24	16.3	14.4	14.6	15.3	14.1	14.0
25	18.6	18.4	18.3	19.3	18.2	18.0
26	17.2	20.1	18.7	19.8	20.0	21.0
27	13.5	16.4	14.1	15.1	15.7	17.9
28	18.5	17.2	16.7	17.6	16.7	16.9
29	27.2	25.4	26.2	26.4	25.1	24.7
30	26.2	25.4	26.4	27.1	25.7	25.4
31	25.5	24.0	24.8	25.4	24.2	23.8
MEANS	1019.6	1019.3	1019.3	1019.9	1019.3	1019.5
DEPARTURE FROM NORMAL	....	-0.7	....	+0.3	-0.1	+0.1

STATIONS	HIGHEST	DAY	TIME	YEAR	LOWEST	DAY	TIME	YEAR	
NUKHAIB	1028.8	30th	0600	1965	1007.1	13th	1200	1965	1965
HAI	1026.6	30th	0600	1965	1012.1	14th	0900	1965	
NAJAF	1028.7	30th	0600	1965	1008.4	13th	1200	1965	
DIWANIYA	1023.8	30th	0600	1965	1011.4	13th	1200	1965	
NASIRIYA	1027.5	30th	0600	1965	1011.6	14th	0300	1965	
BASRAH	1027.1	30th	0600	1965	1012.5	14th	1200	1965	
NUKHAIB	1030.8	27th	0600	1964	1004.8	30th	1200	1963	RECORD
HAI	1030.2	22nd	0600	1953	1005.0	22nd	0900	1952	
NAJAF	1028.7	30th	0600	1965	1000.5	10th	0600	1963	
DIWANIYA	1031.1	12th	0600	1956	1004.8	30th	1200	1963	
NASIRIYA	1030.5	12&13	0600	1956	1005.7	21st	1200	1961	
BASRAH	1030.9	27th	0600	1939	1007.5	30th	1200	1954	

TABLE - 3 . المعدل اليومي للرطوبة النسبية (٪) DAILY MEAN RELATIVE HUMIDITY (%) 8 OBSERVATIONS

DAYS / الايام	SIN-JAR سنجار	MO-SUL الموصل	KIR-KUK كركوك	RUT-BAH رطبة	HABB-ANIYA حبانية	BAGH-DAD بغداد	NUK-HAIB النخيب	HAI حي	NA-JAF نجف	DIWA-NIYA ديوانية	NASI-RIYA ناصرية	BAS-RAH بصرة
1	49	66	55	55	58	53	39	52	54	58	53	62
2	50	70	57	47	57	55	39	48	53	60	49	52
3	48	73	49	39	63	59	37	59	58	66	54	66
4	69	78	43	66	61	56	47	62	52	56	53	59
5	61	77	47	74	59	47	53	49	55	53	50	60
6	60	72	47	57	65	54	45	51	52	55	50	58
7	73	68	47	75	60	55	50	54	53	53	53	54
8	63	72	57	77	78	63	62	57	60	55	58	65
9	58	75	49	71	70	65	49	61	65	70	62	69
10	68	72	53	57	76	68	50	59	63	59	56	70
11	62	62	50	56	72	63	49	65	65	66	62	70
12	46	58	33	47	56	45	38	55	53	48	53	64
13	65	54	30	53	47	37	37	49	54	46	53	74
14	76	77	61	47	61	55	31	59	46	53	52	76
15	72	74	58	64	65	61	48	55	55	59	51	75
16	71	75	49	54	71	64	44	66	64	64	59	78
17	81	83	78	56	55	54	43	64	60	60	55	72
18	73	81	74	49	52	55	38	59	52	53	50	71
19	71	83	83	57	65	69	38	67	49	60	47	74
20	65	74	79	50	64	52	31	64	53	55	49	71
21	73	71	47	52	64	57	34	62	52	61	49	74
22	69	69	39	47	60	59	35	64	47	60	49	71
23	76	70	37	61	57	48	23	55	46	48	43	65
24	69	67	52	54	75	66	28	58	62	66	60	77
25	82	82	65	59	69	67	32	73	64	67	68	85
26	87	87	72	62	57	65	39	68	54	59	59	81
27	83	84	54	55	56	66	34	59	53	57	51	82
28	79	84	87	60	71	67	46	63	57	64	53	79
29	66	95	81	57	74	73	48	71	66	72	64	74
30	69	96	78	51	69	71	41	69	62	71	59	69
31	63	86	72	41	68	64	37	68	59	64	57	66
MEANS	67	75	58	57	63	59	41	60	56	60	54	70
NORMAL		82	69	69	75	74		72		71	71	80

STATIONS	HIGHEST	TIME	DAY	LOWEST	TIME	DAY
SINJAR	98	0600	17th	27	1200	1st
MOSUL	100	0600	29th	27	1200	13th
KIRKUK	98	0300	20th	15	1200	23rd
RUTBAH	100	0300	8th	23	1200	3rd
HABBANIYA	94	0300	9th	27	1200	18th
BAGHDAD	90	0300	29th	30	1500	13th
NUKHAIB	83	0600	8th	12	1200	23rd
HAI	88	0300	26th	30	1200	13th
NAJAF	88	0300	14th	19	1200	14th
DIWANIYA	90	0300	10th	18	1200	23rd
NASIRIYA	79	1800	24th	20	1200	23rd
BASRAH	97	0300	27th	26	1200	4th

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

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

	سنجار		موصل		كركوك		خانقين		رطبة	
	SINJAR		MOSUL		KIRKUK		KHANAQIN		RUTBAH	
DAYS	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	18.4	10.1	19.8	4.4	20.9	7.0	22.2	6.1	20.5	4.0
2	18.8	7.2	19.1	3.8	21.0	6.0	21.7	2.2	22.5	3.6
3	18.4	9.3	18.2	2.1	21.3	5.4	22.8	3.3	23.0	8.2
4	12.3	11.3	12.9	6.2	19.9	8.8	20.6	6.1	17.5	14.2
5	19.2	7.8	22.3	4.3	25.0	10.4	25.6	9.4	18.5	4.6
6	19.4	8.2	22.8	2.6	24.4	9.5	25.6	5.5	20.5	4.8
7	17.4	12.3	20.6	5.5	22.0	11.5	23.9	6.6	13.0	9.9
8	20.3	12.1	23.2	9.6	22.9	12.7	24.4	13.3	17.0	6.5
9	20.7	11.3	21.8	4.2	23.8	8.3	23.9	6.6	20.0	4.5
10	19.1	9.3	22.2	3.7	22.8	8.1	23.3	3.9	19.5	3.8
11	15.6	7.4	19.0	2.2	22.3	8.1	22.8	5.0	18.0	6.0
12	18.3	10.4	22.3	5.6	23.4	10.3	25.0	7.2	24.0	9.0
13	13.2	12.4	22.6	8.8	23.6	13.6	27.2	9.4	20.5	12.8
14	11.9	9.0	16.4	12.3	19.5	13.0	23.9	14.4	15.5	6.0
15	13.4	6.4	17.8	8.2	19.4	6.7	19.4	5.0	16.0	4.0
16	14.0	4.1	17.6	2.6	18.6	3.9	20.0	2.2	17.0	4.5
17	9.3	5.4	11.5	6.9	10.2	7.1	15.0	6.1	14.5	4.5
18	9.6	3.4	12.4	0.5	11.8	2.1	14.4	5.0	11.5	3.0
19	7.8	2.9	9.3	0.2	8.6	0.5	13.3	-3.9	13.0	-3.0
20	9.4	2.4	10.6	0.8	11.4	1.1	11.7	1.1	10.4	-1.5
21	11.8	4.1	12.0	-0.6	15.2	-0.2	16.1	-3.9	12.0	-3.5
22	12.6	3.1	14.8	-1.6	17.9	2.0	18.3	-2.2	13.0	-1.5
23	9.0	2.1	12.7	-2.0	14.7	0.7	16.1	-2.2	15.0	-2.0
24	12.1	3.2	14.6	2.6	16.2	4.4	14.4	4.4	14.0	0.5
25	7.3	2.2	9.9	2.6	14.6	4.4	17.2	3.3	17.5	1.5
26	8.2	3.0	11.5	7.4	13.4	6.9	17.2	5.1	17.0	5.6
27	8.0	3.5	11.8	8.4	15.0	9.5	19.4	7.8	17.5	6.0
28	10.6	3.7	14.2	8.4	12.8	9.2	15.0	9.4	13.5	4.5
29	10.9	2.2	8.8	1.4	15.3	5.1	16.7	1.1	16.5	0.0
30	11.4	3.1	9.3	3.6	14.5	4.5	16.7	1.6	18.6	2.4
31	11.9	2.4	15.6	1.3	15.5	5.0	18.9	0.0	19.5	4.5
MEANS	13.6	6.3	16.1	4.1	18.0	6.6	19.8	4.9	17.6	4.0
DEPARTURE FROM NORMAL	....	....	+1.4	+1.3	+2.2	+0.5	+2.5	+1.3	+2.2	+1.5

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
SINJAR	20.7	9th	1965	-5.7	29th	1963
MOSUL	27.2	3rd	1956	-7.4	15th	1959
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

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TABLE 4 - b .

درجات الحرارة العظمى والصغرى اليومية

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

الايام	حبانية		بغداد		نخيب		حي	
	HABBANIYA		BAGHDAD		NUKHAIB		HAI	
DAYS	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	21.0	7.0	21.3	5.4	20.0	2.8	25.4	9.8
2	20.6	6.4	20.4	3.5	21.3	5.5	21.4	8.4
3	23.2	5.8	21.6	1.8	23.1	5.5	24.0	5.6
4	20.0	10.6	19.5	8.0	18.6	8.6	24.4	5.6
5	23.7	9.6	24.5	10.5	21.3	7.2	27.4	10.6
6	25.0	7.8	24.3	7.4	22.1	6.0	26.4	10.6
7	23.2	13.0	22.5	11.6	22.3	11.2	23.6	11.4
8	20.0	13.4	22.5	13.5	20.3	9.8	24.0	11.8
9	20.9	8.3	22.0	6.3	21.0	6.0	26.0	10.6
10	20.6	7.2	21.4	5.9	21.0	4.2	25.0	7.6
11	21.0	5.0	21.8	4.2	20.5	4.5	24.2	8.0
12	22.8	7.8	22.9	9.6	24.4	6.8	24.4	9.0
13	26.4	13.0	24.8	14.3	28.3	8.0	25.2	8.8
14	19.2	11.7	20.6	11.3	18.2	7.2	24.0	12.0
15	18.1	6.1	19.4	5.0	17.8	4.5	21.6	7.0
16	17.2	3.9	18.8	3.2	18.0	1.8	21.8	5.0
17	16.9	7.0	17.0	7.4	16.5	5.0	17.8	5.2
18	13.8	3.6	13.2	4.5	12.7	2.5	16.2	5.0
19	11.0	0.0	11.3	-1.7	13.2	-3.0	15.6	0.4
20	11.1	-0.6	11.7	0.4	12.2	-0.2	13.8	4.6
21	13.4	-0.2	13.8	-2.2	12.8	-1.4	16.0	0.2
22	14.5	-2.2	14.9	-3.4	12.6	-4.5	17.2	-1.2
23	14.5	-2.9	15.5	-2.2	16.0	-2.5	17.0	-1.0
24	13.4	0.6	16.0	4.7	15.2	-0.4	18.6	6.0
25	17.0	2.2	17.5	1.3	16.2	0.5	19.2	4.3
26	19.0	7.7	19.0	3.9	19.5	5.4	19.0	4.0
27	18.0	7.4	18.1	9.8	19.8	2.0	20.2	6.2
28	15.5	6.5	16.5	6.7	17.6	4.9	20.0	8.0
29	16.1	3.6	16.3	2.3	19.1	0.4	18.6	4.0
30	16.7	2.5	16.5	1.7	18.0	1.0	18.8	4.2
31	17.8	3.4	17.1	3.0	18.0	3.6	18.4	6.0
MEANS	18.4	5.6	18.8	5.1	18.6	3.6	21.1	6.4
DEPARTURE FROM NORMAL	+0.9	-0.2	+1.1	-0.1	....	....	+2.1	-0.4

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
HABBANIYA	30.6	5th	1959	-6.7	5th	1941
BAGHDAD	26.6	3rd	1956	-6.7	5th	1941
NUKHAIB	28.3	13th	1965	-5.5	29th	1963
HAI	28.9	1st	1943	-4.6	12th	1956

TABLE 4 - C - درجات الحرارة العظمى والصغرى اليومية (سنمغراد)

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

الايام	نجف NAJAF		ديوانية DIWANIYA		ناصرية NASIRIYA		بصرة BASRAH	
DAYS	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	21.7	8.6	22.8	9.0	24.3	8.8	25.0	10.2
2	20.5	8.8	21.0	9.0	22.0	9.0	22.4	11.5
3	22.8	7.0	22.0	5.8	22.7	6.5	22.2	6.9
4	24.2	9.0	24.6	7.2	23.4	7.1	26.6	6.0
5	24.6	9.6	25.0	13.3	25.8	11.2	26.0	9.7
6	25.6	9.5	25.8	10.6	25.6	9.0	27.6	9.7
7	23.8	12.5	25.5	13.5	24.6	11.7	26.9	9.2
8	23.5	11.4	23.2	10.9	22.1	13.4	25.1	16.0
9	22.1	9.8	23.0	8.2	23.0	9.6	23.3	9.9
10	22.2	9.0	22.8	7.2	22.8	8.2	24.5	9.5
11	24.8	8.5	23.3	6.6	21.6	7.1	25.0	7.4
12	23.2	10.4	24.0	10.0	22.3	10.2	24.0	9.2
13	23.0	7.8	26.5	11.1	23.7	12.7	25.7	9.9
14	21.6	9.2	21.0	14.3	23.7	14.8	27.3	12.3
15	19.4	7.7	19.5	6.0	20.7	7.1	21.5	10.8
16	18.4	6.0	20.0	5.0	18.8	5.4	20.6	5.6
17	17.4	6.2	16.9	6.0	17.7	8.7	20.8	9.8
18	14.0	5.8	14.0	6.2	15.8	4.4	20.0	5.3
19	14.3	1.0	14.2	-1.0	14.0	0.5	16.0	1.4
20	12.1	1.5	11.5	3.8	13.3	2.7	16.1	3.5
21	13.6	-0.5	14.2	-1.8	14.6	0.2	14.6	0.5
22	15.3	-1.6	15.8	-1.4	15.1	0.2	16.1	0.3
23	15.2	-0.2	15.4	-1.9	15.4	-1.3	18.7	-0.5
24	14.5	2.2	16.1	5.0	17.8	8.8	22.5	8.8
25	17.8	1.0	17.0	2.4	16.4	2.8	18.9	4.2
26	19.6	2.0	19.0	3.6	18.5	3.0	19.6	4.3
27	19.8	4.2	20.6	6.8	21.8	9.3	22.8	6.6
28	19.7	6.8	19.0	5.1	19.1	9.4	21.7	12.2
29	17.4	4.2	17.6	3.4	17.2	4.7	18.4	5.8
30	18.4	4.3	18.0	3.0	18.4	4.7	19.8	5.0
31	19.0	4.2	19.3	4.6	19.4	4.8	19.4	5.4
MEANS	19.6	6.0	20.0	6.2	20.1	7.0	21.9	7.3
DEPARTURE FROM NORMAL	....	....	+1.6	+1.1	+1.3	-0.1	+2.3	+1.2

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
NAJAF	25.8	9th	1964	-2.5	28th	1964
DIWANIYA	27.8	14th	1943	-5.6	30th	1948
NASIRIYA	28.2	5th	1956	-5.0	6th	1941
BASRAH	30.4	1st	1962	-2.6	13th	1956

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TABLE - 5

المعدل الشهري لدرجات الحرارة الجافة (سنتغراد)

MONTHLY MEAN DRY - BULB TEMPERATURES (C°)

	TIME - G. M. T.								
STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	.....	7.4	8.8	12.1	12.6	10.3	8.5	.....	9.9
MOSUL	6.4	5.5	7.5	12.9	15.4	11.8	8.9	7.5	9.5
KIRKUK	8.7	7.9	10.2	15.9	16.9	13.1	11.1	9.7	11.7
KHANAQIN	.....	7.4	11.0	17.5	19.0	15.2	11.4	.....	13.6
RUTBAH	6.2	4.7	7.6	14.2	16.4	13.2	9.4	7.2	9.9
HABBANIYA	7.8	6.4	9.4	16.3	18.3	13.5	11.0	9.3	11.5
BAGHDAD	8.5	6.9	9.4	16.4	18.5	14.7	11.3	9.6	11.9
NUKHAIB	.....	.....	8.1	15.6	17.9	15.6	10.8	.....	13.6
HAI	.....	7.5	11.7	19.1	20.7	15.2	11.5	.....	14.3
NAJAF	8.5	6.5	9.9	17.1	19.4	15.5	12.6	10.5	12.5
DIWANIYA	8.2	6.9	10.5	18.0	19.7	13.7	11.8	9.9	12.3
NASIRIYA	9.3	8.0	11.0	17.7	19.8	16.3	13.0	10.9	13.3
BASRAH	9.6	8.3	12.3	19.5	20.9	15.6	12.9	11.0	13.6

TABLE 6. MONTHLY MEAN VAPOUR PRESSURE(M B S) معدل ضغط البخار (ملبارات)

SINJAR	.....	7.4	7.8	9.3	8.7	8.3	7.9	.....	8.2
MOSUL	8.2	7.8	8.4	9.6	9.5	9.7	9.2	8.6	8.9
KIRKUK	7.3	7.0	7.3	7.8	7.5	7.9	7.8	7.7	7.5
KHANAQIN	.....	6.3	7.1	7.1	7.7	7.6	7.1	.....	7.1
RUTBAH	6.7	6.4	6.7	7.2	7.0	7.4	6.8	6.6	6.9
HABBANIYA	8.0	7.9	8.5	9.1	8.6	9.1	8.5	8.0	8.5
BAGHDAD	7.3	7.3	7.9	8.7	8.7	8.4	8.2	7.8	8.0
NUKHAIB	.....	.....	6.1	6.5	5.9	6.1	6.2	.....	6.2
HAI	.....	8.2	9.2	10.6	10.4	9.9	9.0	.....	9.6
NAJAF	7.5	7.5	7.6	8.2	8.0	8.4	8.2	7.7	7.9
DIWANIYA	7.9	7.8	8.5	9.2	8.8	9.0	8.7	7.9	8.5
NASIRIYA	7.7	7.3	7.9	8.6	8.3	9.2	8.6	8.1	8.2
BASRAH	9.9	9.2	10.2	11.8	11.9	11.7	11.6	10.7	10.9

TABLE 7. MONTHLY MEAN WET-BULB TEMPERATURES(C°) معدل درجة الحرارة الرطبة (سنتغراد)

SINJAR	.....	5.1	6.4	8.9	8.9	7.5	6.2	.....	7.2
MOSUL	5.3	4.5	6.0	9.7	11.0	9.2	7.4	6.1	7.4
KIRKUK	5.9	5.2	6.7	10.0	10.5	8.7	7.6	6.7	7.6
KHANAQIN	.....	4.8	7.0	10.5	11.5	9.5	7.3	.....	8.4
RUTBAH	3.8	3.2	5.0	8.8	9.9	8.4	6.0	4.7	6.2
HABBANIYA	5.8	4.9	7.1	11.0	11.6	9.6	8.0	6.9	8.1
BAGHDAD	6.1	4.9	6.9	11.4	11.8	10.1	7.9	6.8	8.2
NUKHAIB	.....	.....	4.7	8.8	10.2	9.0	6.4	.....	7.8
HAI	.....	5.7	8.5	12.7	13.3	10.6	8.4	.....	9.9
NAJAF	6.2	4.8	6.7	10.8	11.8	10.2	8.6	7.4	8.3
DIWANIYA	5.9	5.5	7.4	11.8	12.3	10.3	8.4	7.2	8.6
NASIRIYA	6.5	5.5	7.6	11.4	12.2	11.0	9.1	7.7	8.9
BASRAH	8.1	6.9	9.9	14.0	14.7	12.2	10.9	9.4	10.8

TABLE 8. MONTHLY MEAN DEW-POINT(C°) معدل درجة الندى (سنتغراد)

SINJAR	.....	2.2	3.1	5.6	4.6	4.0	3.1	.....	3.8
MOSUL	3.8	3.1	4.1	6.1	6.0	6.4	5.6	4.5	5.0
KIRKUK	2.0	1.4	2.0	2.9	3.9	3.3	3.0	2.9	2.7
KHANAQIN	.....	1.2	2.5	2.7	3.4	3.2	2.4	.....	2.6
RUTBAH	-0.1	0.2	1.7	1.7	1.3	1.8	1.3	0.6	1.1
HABBANIYA	3.6	3.1	4.1	5.3	4.4	5.2	4.3	3.9	4.2
BAGHDAD	2.9	2.5	3.3	5.2	4.4	4.6	3.9	3.2	3.7
NUKHAIB	.....	.....	-0.5	0.1	-0.8	-0.2	-0.6	.....	-0.4
HAI	.....	3.8	5.6	7.6	7.1	6.7	5.4	.....	6.0
NAJAF	3.1	3.1	2.4	3.5	3.2	4.0	3.7	3.4	3.3
DIWANIYA	3.1	2.9	4.2	5.2	4.4	4.9	4.5	3.8	4.3
NASIRIYA	2.7	2.2	3.2	4.5	3.8	5.3	4.5	3.5	3.7
BASRAH	6.4	5.2	7.4	9.2	9.3	9.0	8.8	7.6	7.9

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TABLE - 9 : المعدل الشهري للرطوبة النسبية (٪)

MONTHLY MEAN RELATIVE HUMIDITY (٪)

T I M E - G. M. T.

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	..	71	68	66	61	67	70	..	67
MOSUL	84	86	80	65	56	70	80	83	75
KIRKUK	66	66	60	47	41	55	61	65	58
KHANAQIN	..	61	54	38	36	45	53	..	48
RUTBAH	66	72	64	44	37	48	59	63	57
HABBANIYA	76	80	71	49	41	58	64	70	64
BAGHDAD	66	72	66	48	41	52	62	65	59
NUKHAIB	..	..	54	36	29	35	46	..	40
HAI	..	78	67	48	43	58	66	..	60
NAJAF	69	76	60	41	35	47	55	62	58
DIWANIYA	73	76	65	44	37	52	62	67	60
NASIRIYA	64	67	59	42	35	49	57	61	54
BASRAH	81	81	73	53	49	65	77	80	70

TABLE 10. MONTHLY MEAN PRESSURE(MBS)AT M.S.L. الضغط الجوي على سطح البحر

SINJAR	....	21.0	21.4	20.6	19.5	20.1	20.7	....	1020.6
MOSUL	21.5	21.5	22.3	21.2	19.4	19.9	21.0	21.5	1021.0
KIRKUK	20.6	20.6	21.1	20.0	18.6	19.5	20.4	20.8	1020.2
KHANAQIN	....	21.7	21.7	19.8	18.3	19.4	20.9	....	1020.3
RUTBAH	19.2	19.7	21.2	20.0	18.4	19.2	20.0	19.6	1019.7
HABBANIYA	19.6	19.9	21.2	20.1	18.6	19.1	19.6	20.0	1019.8
BAGHDAD	19.7	19.7	21.1	20.6	18.9	19.2	20.0	19.9	1019.9
NUKHAIB	....	....	21.5	20.1	18.0	18.4	19.7	....	1019.5
HAI	....	19.2	20.4	19.9	18.3	18.6	19.4	....	1019.3
NAJAF	18.9	19.4	20.8	20.0	18.3	18.5	19.3	19.2	1019.3
DIWANIYA	19.7	19.9	21.3	20.3	18.7	19.3	19.9	18.9	1019.8
NASIRIYA	19.1	19.3	20.7	19.8	18.1	18.6	19.3	19.2	1019.3
BASRAH	19.3	19.5	21.0	19.9	18.6	18.9	19.6	19.5	1019.5

TABLE 11. MONTHLY MEAN LOW CLOUD AMOUNTS(OKTAS) معدل كمية الغيوم الواطئة (اثمان)

SINJAR	....	2.0	2.3	2.2	2.6	2.2	1.6	....	2.2
MOSUL	2.2	2.9	3.1	3.6	3.3	2.5	2.4	2.5	2.8
KIRKUK	1.5	1.6	1.6	1.5	2.0	2.1	2.6	1.5	1.9
KHANAQIN	....	2.7	1.8	2.2	2.5	2.4	2.2	....	2.3
RUTBAH	1.3	0.8	0.9	1.1	1.5	1.9	1.4	1.2	1.3
HABBANIYA	0.1	0.3	0.2	0.1	0.3	0.6	0.7	0.4	0.3
BAGHDAD	0.2	0.1	0.3	0.2	0.5	0.1	0.7	0.3	0.3
NUKHAIB	....	....	0.5	0.4	0.8	0.9	0.4	....	0.6
HAI	....	0.2	0.0	0.0	0.1	0.0	0.0	....	0.1
NAJAF	0.3	0.1	0.3	0.1	0.2	0.6	0.4	0.6	0.3
DIWANIYA	0.3	0.4	0.3	0.2	0.2	0.3	0.5	0.4	0.3
NASIRIYA	0.4	0.6	0.7	0.2	0.3	0.2	0.5	0.4	0.4
BASRAH	0.5	0.6	0.3	0.2	0.3	0.0	0.0	0.2	0.3

TABLE 12. MONTHLY MEAN TOTAL CLOUD AMOUNTS(OKTAS) مجموع كمية الغيوم (اثمان)

SINJAR	....	3.1	4.1	4.0	4.1	3.8	3.4	....	3.8
MOSUL	3.0	3.6	5.0	5.3	5.1	3.7	3.5	3.6	4.1
KIRKUK	2.6	2.3	3.3	3.6	3.6	3.3	3.2	3.1	3.2
KHANAQIN	....	3.0	5.3	3.5	3.9	3.9	3.4	....	3.5
RUTBAH	2.1	1.8	2.9	3.3	3.3	3.2	2.4	2.5	2.7
HABBANIYA	1.8	1.9	2.6	2.3	2.7	3.1	3.2	2.7	2.5
BAGHDAD	1.9	1.7	2.9	2.3	2.8	2.6	2.5	2.5	2.4
NUKHAIB	....	....	2.1	2.2	2.8	2.8	1.5	....	2.3
HAI	....	1.8	2.0	2.2	2.4	1.9	1.4	....	2.0
NAJAF	1.0	1.0	2.2	2.4	2.4	2.4	2.0	1.7	1.9
DIWANIYA	0.8	1.3	1.7	1.6	1.8	1.8	1.5	1.4	1.5
NASIRIYA	1.0	1.4	2.0	1.8	1.8	1.6	1.1	1.0	1.5
BASRAH	1.7	2.2	2.3	2.1	2.0	1.4	1.1	1.4	1.8

TABLE 13 -a . عدد تكرار رصدات الرياح السطحية

SURFACE - WIND, NUMBER OF OBSERVATIONS OF:

STATIONS المحطة	TIME-GMT. توقيت كرينتش	DIRECTION الاتجاه								CALM ساكن	SPEED IN KNOTS السرعة بالعقد				MEAN V.K. معدل السرعة
		N	NE	E	SE	S	SW	W	NW		1-10	11-21	22-33	34	
SINJAR سنجار	0300	19	1	4	1	0	0	3	3	0	27	4	0	0	6
	0600	17	2	8	0	0	0	1	3	0	26	5	0	0	6
	0900	6	1	10	2	1	1	7	1	2	23	6	0	0	7
	1200	4	2	6	4	6	0	8	1	0	23	7	1	0	7
	1500	9	1	3	0	0	1	5	1	11	17	3	0	0	4
	1800	17	1	3	3	1	0	2	4	0	28	3	0	0	5
	TOTAL	72	8	39	10	8	2	26	13	13	144	28	1	0	6
MOSUL موصل	0000	0	0	3	2	2	0	3	7	14	16	1	0	0	3
	0300	3	0	2	1	2	1	8	5	9	22	0	0	0	3
	0600	2	0	1	2	1	0	3	7	14	14	3	0	0	3
	0900	3	0	1	1	7	1	7	3	8	20	2	1	0	5
	1200	5	0	3	4	2	0	9	4	4	24	2	1	0	5
	1500	1	1	2	4	3	0	14	2	4	26	1	0	0	4
	1800	1	0	1	2	2	0	8	5	12	18	1	0	0	3
	2100	0	0	2	3	3	0	11	4	8	23	0	0	0	3
	TOTAL	15	1	15	19	23	2	63	37	73	163	10	2	0	4
KIRKUK كركوك	0000	1	6	2	1	0	0	0	0	21	10	0	0	0	2
	0300	0	5	1	2	0	0	1	0	22	9	0	0	0	1
	0600	0	6	1	2	1	0	0	0	21	9	1	0	0	2
	0900	0	2	2	1	2	0	3	0	21	8	1	1	0	2
	1200	1	0	0	4	2	2	6	0	16	12	2	1	0	4
	1500	0	1	0	2	2	0	0	0	26	4	1	0	0	1
	1800	1	4	3	1	0	1	0	0	21	9	1	0	0	2
	2100	0	5	2	1	0	0	0	0	23	8	0	0	0	1
	TOTAL	3	29	11	14	7	3	10	0	171	69	6	2	0	2
KHANAQIN خانقين	0300	0	0	14	2	3	0	1	0	11	18	0	2	0	5
	0600	0	0	7	2	6	0	1	1	14	14	3	0	0	5
	0900	2	0	2	0	7	0	8	5	7	18	3	3	0	7
	1200	2	2	0	2	9	0	5	5	6	20	4	1	0	7
	1500	5	0	2	1	8	0	5	4	6	22	2	1	0	6
	1800	0	1	4	4	5	0	1	1	15	14	2	0	0	4
	TOTAL	9	3	29	11	38	0	21	16	59	106	14	7	0	6
RUTBAH رطبة	0000	0	0	1	2	8	2	7	2	9	14	4	4	0	7
	0300	0	0	1	0	9	5	8	1	7	18	6	0	0	6
	0600	1	0	4	0	12	5	6	0	3	22	6	0	0	7
	0900	3	0	4	2	6	3	7	3	3	17	10	1	0	9
	1200	2	2	3	2	10	2	6	2	2	19	10	0	0	8
	1500	2	0	3	1	8	2	5	2	8	21	2	0	0	4
	1800	3	0	3	2	3	0	3	1	16	10	5	0	0	4
	2100	2	1	1	3	7	1	3	1	12	13	5	1	0	6
	TOTAL	13	3	20	12	63	20	45	12	60	134	48	6	0	7

SURFACE - WIND NUMBER OF OBSERVATIONS OF:

المحطة STATIONS	وقت كرينتش TIME GMT.	الاتجاه DIRECTION N	NE	E	SE	S	SW	W	NW	(ك) سائر CALM	السرعة بالعقد SPEED IN KNOTS 1-10	11-21	22-33	34	معدل السرعة بالعقد MEAN V.K.
حبانية HABBANIYA	0000	1	0	3	4	1	2	4	5	11	17	2	1	0	5
	0300	2	0	2	3	0	0	8	6	10	18	1	2	0	5
	0600	0	0	2	2	2	0	8	9	8	16	7	0	0	7
	0900	4	1	1	3	2	1	6	9	4	16	10	1	0	8
	1200	2	2	3	3	2	0	7	9	3	19	8	1	0	9
	1500	3	0	4	2	2	0	0	3	17	12	1	1	0	3
	1800	1	0	5	4	1	0	1	4	15	13	2	1	0	4
	2100	0	0	5	3	0	0	2	7	14	13	4	0	0	4
	TOTAL	13	3	25	24	10	3	36	52	82	124	35	7	0	5
بغداد BAGHDAD	0300	2	2	1	4	1	1	4	10	6	21	4	0	0	6
	0600	2	0	1	4	2	2	1	12	7	19	3	2	0	7
	0900	1	0	1	6	0	2	5	15	3	18	8	2	0	10
	1200	2	0	2	5	0	1	4	14	3	16	10	2	0	10
	1500	2	0	0	4	1	0	4	12	8	18	4	1	0	6
	1800	0	0	0	4	1	0	4	7	15	12	3	1	0	5
	2100	3	1	1	4	2	0	0	9	11	15	4	1	0	5
	TOTAL	16	3	7	37	7	4	26	85	63	136	39	10	0	7
نخيب NUKHAIB	0600	14	0	1	0	4	0	3	3	6	20	5	0	0	6
	0900	8	1	1	1	8	3	2	2	5	19	6	1	0	8
	1200	11	0	3	1	8	2	3	1	2	19	10	0	0	8
	1500	7	3	4	2	8	0	3	0	4	27	0	0	0	5
	1800	8	1	5	2	7	2	3	0	3	27	1	0	0	5
	TOTAL	48	5	14	6	35	7	14	6	20	112	22	1	0	5
حي HAI	0300	2	0	6	0	0	0	5	10	8	19	4	0	0	5
	0600	3	0	5	1	1	0	7	10	3	24	4	0	0	5
	0900	1	1	2	4	2	0	6	14	1	23	7	0	0	7
	1200	1	1	2	5	0	1	5	12	4	20	7	0	0	7
	1500	0	0	4	4	0	0	4	10	9	19	3	0	0	4
	1800	1	0	6	0	0	0	5	11	8	21	2	0	0	5
	TOTAL	8	2	25	14	3	1	32	67	33	126	27	0	0	6
نجف NAJAF	0000	11	1	3	2	5	2	4	3	0	21	10	0	0	10
	0300	6	3	0	3	5	2	1	8	0	19	12	0	0	10
	0600	4	0	2	2	3	2	8	10	0	25	6	0	0	7
	0900	11	0	0	3	5	1	3	7	1	24	6	0	0	9
	1200	14	0	1	5	3	0	3	5	0	18	13	0	0	9
	1500	15	1	1	3	6	0	0	5	0	25	6	0	0	8
	1800	9	4	1	4	4	1	1	7	0	25	6	0	0	9
	2100	5	3	2	5	3	2	6	5	0	25	6	0	0	9
	TOTAL	75	12	10	27	34	13	26	50	1	182	65	0	0	9

TABLE 13 C. عدد تكرار حالات الرياح السطحية
SURFACE - WIND, NUMBER OF OBSERVATIONS OF:

المحطة STATIONS	وقت كرينتش TIME GMT.	DIRECTION الاتجاه								عدد CALM	SPEED IN KNOTS السرعة بالعقد				المعدل السرعة MEAN V.K.
		N	NE	E	SE	S	SW	W	NW		1-10	11-21	22-33	34	
ديوانية DIWANIYA	0000	5	2	2	2	0	3	7	1	9	20	2	0	0	4
	0300	5	0	1	4	1	2	7	1	10	18	3	0	0	4
	0600	5	0	3	3	3	0	15	1	1	28	2	0	0	6
	0900	3	0	1	4	2	1	16	3	1	20	10	0	0	9
	1200	8	0	2	4	1	0	11	2	3	18	10	0	0	9
	1500	4	1	2	4	2	0	8	4	6	21	4	0	0	9
	1800	4	1	4	4	0	0	7	1	10	17	4	0	0	5
	2100	4	2	5	2	1	0	9	2	6	21	4	0	0	5
	TOTAL	38	6	20	27	10	6	80	15	46	163	39	0	0	6
ناصرية NASIRIYA	0000	3	0	1	6	1	2	7	6	5	24	2	0	0	5
	0300	1	0	1	4	1	1	11	7	5	24	2	0	0	5
	0600	0	0	0	4	4	1	11	9	2	27	2	0	0	6
	0900	0	0	0	4	4	3	4	15	1	24	6	0	0	8
	1200	1	0	2	4	1	0	4	17	2	25	4	0	0	7
	1500	1	0	3	4	0	0	6	11	6	25	0	0	0	4
	1800	0	0	3	6	0	0	5	13	4	25	2	0	0	5
	2100	0	0	3	5	2	0	7	10	4	25	2	0	0	5
	TOTAL	6	0	13	37	13	7	55	88	29	199	20	0	0	6
بصرة BASRAH	0000	3	2	1	2	3	0	11	8	1	28	2	0	0	5
	0300	1	2	2	3	2	1	15	5	0	30	1	0	0	4
	0600	2	0	2	4	0	1	14	8	0	30	1	0	0	5
	0900	4	1	2	2	3	2	2	15	0	22	9	0	0	8
	1200	9	0	0	3	3	0	3	12	1	23	7	0	0	8
	1500	1	1	2	3	2	0	2	18	2	29	0	0	0	6
	1800	2	0	3	4	0	1	3	16	2	27	2	0	0	5
	2100	5	0	2	1	3	2	3	15	0	28	3	0	0	5
	TOTAL	27	6	14	22	16	7	53	97	6	217	25	0	0	6

TABLE 14. HIGHEST WIND-SPEED, DURING ONE HOUR. اعلى سرعة رياح حدثت خلال ساعة

STATIONS	HIGHEST WIND-SPEED DURING ONE HOUR (V.K.)	DIRECTION	TIME GMT.	DAY
SINJAR	25 knots	360	1200	20th
MOSUL	24	170	1200	13th
KIRKUK	28	140	1200	13th
KHANAQIN	26	180	0900	14th
RUTBAH	28	100	2100	11th
HABBANIYA	25	120	1800	13th
BAGHDAD	28	130	0900	13th
NUKHAIB	23	330	0900	28th
HAI	20	110	1200	27th
NAJAF	20	180	1500	23rd
DIWANIYA	19	160	0900	27th
NASIRIYA	16	320	0900	28th
BASRAH	20	180	0000	28th

DECEMBER 1965. TABLE 16. كانون الاول ١٩٦٥ (20) القراءات اليومية لحرارة الحشيش و التربة (سنتغراد) و التبخر (ملليمتر)

DAILY GRASS MINIMUM TEMPERATURES C°, AND SOIL TEMPERATURES C° OF 0.3 & 1.2 METERS AND EVAPORATION (MILLIMETERS)

	MOSUL	KIRKUK			HABBANIYA			BAGHDAD			NAJAF		NASIRIYA			BASRAH	BAGHDAD
DAYS	0.3M	GRASS	0.3M	1.2M	GRASS	0.3M	1.2M	GRASS	0.3M	1.2M	0.3M	1.2M	GRASS	0.3M	1.2M	GRASS	EVAPORATION
1	10.5	3.2	14.4	20.5	3.9	18.4	23.9	-0.5	16.0	23.7	16.4	21.9	7.9	18.0	25.1	4.6	2.0
2	9.9	2.1	14.0	20.5	2.2	18.4	23.9	-3.6	15.6	23.5	17.2	22.4	8.4	18.3	25.0	6.8	1.0
3	9.4	1.5	13.9	20.3	2.2	18.2	23.8	-5.9	14.8	23.4	16.1	21.7	7.4	18.1	24.9	2.3	6.0
4	10.5	5.2	13.9	20.0	7.2	18.4	23.6	0.1	15.5	23.3	16.4	21.6	5.7	18.3	24.7	-1.6	2.0
5	10.2	5.7	14.4	20.0	5.0	18.4	23.4	3.0	16.5	23.4	17.4	21.5	9.6	18.3	24.6	3.4	2.0
6	9.9	7.5	14.5	20.0	3.8	18.5	23.4	1.4	16.5	23.0	17.3	21.5	8.0	18.8	24.5	5.3	2.0
7	11.6	6.2	14.5	19.9	10.0	18.9	23.2	10.8	17.5	23.0	18.4	21.6	9.8	18.9	24.4	3.0	3.0
8	11.3	10.5	15.0	19.9	6.7	19.2	23.2	14.5	17.6	22.8	19.0	21.5	12.2	19.5	24.3	9.9	1.0
9	10.5	5.5	14.9	19.9	3.7	19.2	22.9	-5.1	16.7	22.8	17.3	21.0	8.4	19.1	24.2	4.6	3.0
10	10.7	4.1	14.5	19.6	3.3	18.9	23.0	3.8	16.0	23.0	17.2	21.7	7.1	18.7	24.1	4.3	3.0
11	10.2	3.2	14.3	19.6	1.6	18.4	23.1	2.0	15.8	22.6	16.2	21.5	6.1	18.3	24.1	2.1	3.0
12	10.1	8.0	14.2	19.5	5.0	18.4	22.8	2.2	16.2	22.4	16.6	21.4	8.3	18.3	24.0	2.0	0.0
13	12.2	9.2	14.4	19.4	10.5	18.8	22.8	7.1	17.4	22.5	16.9	21.4	9.8	18.5	23.9	4.3	6.0
14	12.3	9.9	15.0	19.4	9.5	19.2	22.8	7.3	18.2	22.5	18.2	21.2	13.8	18.9	23.9	9.3	7.0
15	11.1	2.8	14.3	19.4	3.4	18.6	22.8	1.6	16.0	22.5	16.6	21.3	6.2	18.5	23.8	5.5	4.0
16	9.9	0.0	13.8	19.4	0.2	18.1	22.8	-6.7	15.1	22.5	15.6	21.2	4.6	17.5	23.7	0.0	5.0
17	7.7	6.6	13.6	19.3	3.1	17.7	22.5	-2.9	15.5	22.4	15.4	20.8	6.5	17.2	23.7	3.5	2.0
18	7.2	-0.5	12.8	19.3	0.0	17.2	22.4	-6.7	15.0	22.2	15.4	20.6	3.4	16.4	23.4	XXX	5.0
19	7.0	-3.4	12.0	19.0	-3.0	16.5	22.3	-12.2	15.5	22.3	14.8	20.6	0.1	15.1	24.0	-3.0	1.0
20	6.8	-1.0	11.6	18.9	-4.1	15.8	22.2	-7.6	15.3	22.1	13.8	20.3	1.3	14.5	23.4	-0.3	3.0
21	6.0	-4.4	11.1	18.9	-3.4	15.0	22.1	-11.8	12.2	22.0	11.3	19.8	-0.7	13.7	23.3	-2.5	1.0
22	5.4	-0.3	10.6	18.4	-5.5	14.5	21.8	-12.2	11.5	21.8	11.6	19.4	-1.1	13.2	23.0	-3.8	2.0
23	5.0	-3.6	10.5	18.4	-6.1	13.9	21.6	-15.3	10.6	21.6	10.2	18.0	-3.8	12.6	22.9	-6.7	4.0
24	6.8	3.4	10.6	18.2	-2.2	13.9	21.5	-6.6	12.4	21.5	11.3	18.6	8.0	13.8	22.7	6.8	2.0
25	7.2	0.1	11.1	17.8	0.0	14.2	21.2	-8.0	12.0	21.4	11.9	18.2	2.2	14.1	22.6	0.2	3.0
26	8.3	5.3	11.6	17.8	3.9	14.5	21.0	-6.1	12.7	21.1	11.5	18.0	2.0	13.9	22.3	0.7	3.0
27	8.8	7.8	11.8	17.7	4.5	15.0	20.0	-3.4	14.0	21.0	12.4	17.9	7.7	14.4	22.1	2.0	3.0
28	8.8	8.0	12.1	17.5	2.2	15.0	20.6	-3.9	14.2	20.9	13.2	17.9	7.6	15.5	22.1	10.4	7.0
29	8.2	2.5	12.1	17.6	0.5	15.0	20.6	-3.6	13.5	21.0	13.8	18.0	4.0	15.0	21.8	-0.8	3.0
30	8.2	1.4	12.1	17.5	-0.8	14.9	20.6	-3.6	12.8	20.6	12.5	18.0	4.0	14.5	21.7	0.2	3.0
31	7.8	3.1	11.7	17.3	0.6	14.6	20.6	-1.1	15.0	20.8	12.4	17.8	3.6	14.4	21.7	1.2	2.0
MEANS	9.0	3.5	13.1	19.1	2.2	17.0	22.3	-2.0	15.0	22.2	15.0	20.2	5.7	16.6	23.5	2.1	3.0

EVAPORATION AT 0600 GMT. IN MILLIMETERS IN PAN CLASS A

TABLE - 17 .

CLIMATOLOGICAL SUMMARY : الملخصات المناخيـــــة

NUMBER OF DAYS FOR THE CASES OF PHENOMENA : عدد الايام التي حدثت فيها الظواهر الجويـــــة

STATIONS	RAIN	SNOW	HAIL	THUNDER STORM	FOG	MIST	HAZE	RISING DUST	SUSPENDED DUST	DUST STORM	GROUND FROST	STATE OF SKY	
												CLEAR	CLOUDY
SINJAR	10	0	0	0	0	0	0	0	0	0	0	6	2
MOSUL	9	0	0	0	5	0	0	0	0	1	6	5	7
KIRKUK	8	0	0	0	0	0	2	3	2	0	4	12	5
KHANAQIN	4	0	0	0	0	0	0	0	0	0	4	10	7
RUTBAH	2	0	0	0	0	0	0	3	0	0	7	14	1
HABBANIYA	2	0	0	0	1	11	4	3	1	1	6	11	1
BAGHDAD	1	0	0	0	1	8	15	2	1	1	19	10	1
NUKHAIB	2	0	0	0	0	0	0	4	1	0	8	14	1
HAI	0	0	0	0	0	0	1	5	3	0	2	15	0
NAJAF	0	0	0	0	0	0	0	5	1	1	3	17	0
DIWANIYA	0	0	0	0	0	0	0	4	2	0	4	18	1
NASIRIYA	0	0	0	0	0	0	4	6	12	0	2	18	0
BASRAH	2	0	0	0	0	8	1	0	5	0	5	15	0

TABLE - 18 .

DURATION OF SUNSHINE : مدة سطوع الشمس بالساعات

STATIONS	MONTHLY TOTAL SUNSHINE HOURS	MAX. SUNSHINE DURING ONE DAY		No. OF DAYS WITHOUT SUNSHINE
		HOURS	DAY	
MOSUL	162.1	9.2	21st	5
HABBANIYA	236.2	9.6	1,21&22nd	0
BAGHDAD	204.5	9.1	2&22nd	2
BASRAH	264.4	10.0	3rd	0