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METEOROLOGICAL DEPARTMENT

احصائيات المناخ للقطر العراقي

CLIMATOLOGICAL MEANS FOR IRAQ

JUNE 1955 — حزيران ١٩٥٥

Monthly weather summaries Iraq

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TABLE 1 JUNE 1955.

CLIMATOLOGICAL SUMMARY

STATION	PRECIPITATION TOTAL	MAX. FALL	DATE	NO. OF DAYS NOT LESS THAN 1.0mm	10.0mm	TEMPERATURE HIGHEST MAX.	DATE	LOWEST MIN.	DATE
BAGHDAD	2.5	2.5	2	1	0	45.8	26	19.8	10
MOSUL	0.2	0.2	3	0	0	44.6	27	14.3	19
KIRKUK	trace	trace	1,3	0	0	43.9	26	19.5	10
KHANAQIN	0.0	0.0	-	0	0	45.0	26	18.9	21
RUTBA	0.0	0.0	-	0	0	42.0	25	14.8	11
HAI	0.0	0.0	-	0	0	47.0	26	21.0	11
DIWANIYA	0.0	0.0	-	0	0	44.0	15,26	20.5	20
NASIRIYA	0.0	0.0	-	0	0	48.3	26,27	22.3	20
BASRA	0.0	0.0	-	0	0	43.7	27	23.4	13
HABBANIYA	0.0	0.0	-	0	0	45.0	26,27,28	20.5	10,11

NUMBER OF CASES OF :-

STATION	RAIN	SNOW	HAIL	THUNDERSTORM	FOG	DUST	CLEAR	CLOUDY	WIND FORCE 6	8
BAGHDAD	1	0	0	1	0	1	29	0	0	0
MOSUL	1	0	0	2	0	0	26	0	3	0
KIRKUK	0	0	0	3	0	2	27	0	3	0
KHANAQIN	0	0	0	0	0	0	25	0	2	0
RUTBA	0	0	0	0	0	0	30	0	1	0
HAI	0	0	0	0	0	0	28	0	0	0
DIWANIYA	0	0	0	0	0	0	30	0	4	0
NASIRIYA	0	0	0	0	0	0	27	0	2	0
BASRA	0	0	0	0	0	0	30	0	0	0
HABBANIYA	0	0	0	0	0	0	29	0	0	0

ADDITIONAL DATA

STATION	SUNSHINE HOURS	TEMPERATURES OF EARTH 1 FT.	4 FT.	GRASS MIN.	MIN. LESS THAN 21 C.	MAX. MORE THAN 43 C.
BAGHDAD	398.5	35.1	28.3	20.3	3	15
MOSUL	396.3	34.3	28.2	15.6	18	8
KIRKUK	.....	29.0	26.2	....	1	3
KHANAQIN	.....	....	....	....	2	8
RUTBA	....	....	....	....	17	0
HAI	....	....	....	....	0	16
DIWANIYA	....	....	....	....	3	7
NASIRIYA	....	....	....	....	0	18
BASRA	377.2	....	....	....	0	4
HABBANIYA	390.2	34.6	29.1	20.4	2	10

TABLE 2 JUNE 1955.

DAILY MAXIMUM AND MINIMUM TEMPERATURES

DATE	MOSUL		BAGHDAD		RUTBA		HAI		DIWANIYA	
	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	43.3	21.9	42.2	22.3	37.6	20.2	42.5	23.7	41.6	23.5
2	41.6	26.4	42.3	22.7	37.2	21.0	43.0	23.4	41.4	23.0
3	42.0	24.0	41.8	21.1	37.9	22.0	42.0	24.0	40.4	22.8
4	39.4	22.2	41.6	23.2	36.2	19.7	42.6	25.3	40.0	24.2
5	39.9	16.1	41.2	23.0	36.2	18.6	43.0	23.3	41.6	22.0
6	40.1	17.7	42.6	27.8	35.7	21.0	42.8	21.5	42.0	22.5
7	39.1	16.3	43.1	25.3	36.3	20.7	43.3	25.2	41.5	22.8
8	39.4	17.0	43.2	28.4	36.0	21.0	43.2	24.2	42.2	25.5
9	36.7	15.9	42.8	27.2	35.6	20.0	43.2	27.0	42.0	24.6
10	37.8	18.6	38.8	19.8	35.6	18.0	40.3	22.3	37.6	20.6
11	38.1	21.4	39.2	23.1	37.4	14.8	40.5	21.0	38.7	23.0
12	41.1	16.6	40.5	26.2	38.8	18.8	41.9	21.6	39.0	22.0
13	43.0	17.9	43.6	20.3	41.8	19.0	44.0	22.3	42.0	21.0
14	43.5	18.8	44.5	20.7	39.4	21.2	44.7	26.3	43.6	21.5
15	43.4	19.2	44.9	27.5	37.6	21.0	44.8	23.3	44.0	24.0
16	41.8	22.8	43.8	25.2	37.8	19.8	44.5	26.2	43.2	24.6
17	42.3	24.4	43.2	25.8	37.7	17.6	43.7	27.1	41.4	25.6
18	42.2	23.6	44.4	27.1	39.4	19.3	46.0	26.8	43.0	25.1
19	41.5	14.3	43.5	23.7	39.5	22.2	44.6	27.8	43.2	25.0
20	42.0	17.2	44.0	24.3	40.6	19.7	44.6	24.8	42.2	20.5
21	42.9	16.8	43.8	21.5	39.6	19.2	42.8	25.5	42.0	21.8
22	36.9	24.1	40.2	24.4	36.0	21.0	40.0	22.2	38.0	22.1
23	37.8	20.1	39.8	23.4	37.0	19.8	39.7	23.6	37.6	21.9
24	42.1	22.4	42.3	21.9	39.4	17.9	41.9	23.7	40.6	22.8
25	43.8	18.9	44.4	22.0	42.0	19.0	43.9	25.4	42.6	20.6
26	44.4	19.9	45.8	26.1	41.0	23.0	47.0	25.2	44.0	24.0
27	44.6	22.6	44.9	29.2	41.1	21.2	45.9	28.3	43.6	27.6
28	44.0	20.2	44.5	23.6	41.1	22.0	45.8	23.5	43.8	24.6
29	43.0	21.1	43.7	23.2	37.6	22.2	44.5	23.5	42.5	23.5
30	43.6	18.0	42.8	23.2	37.5	22.3	42.0	23.6	40.7	25.0
MEANS	41.4	19.9	42.8	24.1	38.2	20.1	43.3	24.4	41.5	23.3

TABLE 2 - Continued JUNE 1955.

DAILY MAXIMUM AND MINIMUM TEMPERATURES

DATE	KIRKUK		KHANAQIN		NASIRIYA		BASRA		HABBANIYA	
	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	41.6	25.4	42.8	23.3	43.2	25.0	39.4	26.1	42.2	24.4
2	40.8	28.4	41.6	27.2	43.4	26.4	40.4	25.4	42.2	25.0
3	40.0	25.6	38.7	26.1	43.2	23.2	41.2	24.7	41.6	24.4
4	39.3	26.1	40.3	26.1	44.4	26.3	42.0	26.5	40.0	26.1
5	38.4	23.2	39.7	23.3	44.4	28.2	43.3	27.5	40.5	22.8
6	40.0	24.8	41.6	23.9	43.7	22.4	43.6	28.3	42.2	23.3
7	39.3	24.6	42.2	23.3	44.2	24.0	40.9	25.4	41.6	25.0
8	39.9	24.2	40.5	22.8	45.0	24.6	42.3	25.0	41.6	24.4
9	37.9	24.2	38.9	22.8	45.7	25.8	42.4	27.5	40.5	23.9
10	35.6	19.5	36.6	19.4	39.8	25.0	36.7	29.2	38.9	20.5
11	37.2	25.0	38.3	25.0	40.5	22.6	37.8	24.3	39.4	20.5
12	39.9	23.8	41.1	26.6	41.4	23.2	38.2	25.1	41.1	21.6
13	41.9	28.3	42.8	28.3	44.0	22.7	40.6	23.4	42.8	22.8
14	43.2	27.1	42.8	25.5	45.0	23.0	40.5	25.0	44.4	23.9
15	42.7	25.9	43.3	23.3	46.0	24.0	42.3	26.7	44.4	25.0
16	42.5	22.6	43.3	22.8	46.2	25.2	41.7	26.7	43.3	26.6
17	42.2	23.0	43.9	21.6	45.2	26.6	40.6	29.4	42.8	23.9
18	41.9	23.6	43.9	21.1	46.8	26.2	41.4	26.2	43.9	23.9
19	41.1	23.6	41.6	23.9	46.0	26.0	42.6	25.9	43.3	25.0
20	41.3	23.6	42.2	20.0	44.3	22.3	39.4	27.6	43.3	22.2
21	41.5	23.5	42.8	18.9	45.0	23.6	40.4	24.2	42.8	22.8
22	36.0	26.8	39.4	24.4	40.7	24.2	38.3	24.4	40.0	25.5
23	37.5	25.0	40.0	27.2	39.3	24.3	36.9	24.5	39.4	22.2
24	40.5	25.2	41.6	23.9	43.2	24.2	39.2	24.7	42.8	22.8
25	43.2	27.3	43.6	25.0	44.6	23.7	41.1	25.6	43.9	25.0
26	43.9	26.1	45.0	25.0	48.3	25.3	43.5	25.9	45.0	25.0
27	43.4	25.7	44.4	22.8	48.3	24.7	43.7	29.0	45.0	26.1
28	42.3	24.3	43.3	23.9	45.8	24.5	42.5	31.7	45.0	24.4
29	42.5	24.9	42.8	22.8	46.0	25.7	41.0	27.7	42.2	25.0
30	41.5	24.8	42.8	23.9	44.0	25.4	40.8	26.6	42.3	26.1
MEANS	40.6	24.9	42.6	23.8	44.3	24.6	40.8	26.3	42.3	24.0

TABLE 3 JUNE 1955.

MONTHLY MEAN TEMPERATURES (IN CENTIGRADE) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
MOSUL	23.0	22.6	32.6	39.1	40.5	38.9	31.1	26.1	31.4
KIRKUK	26.9	26.8	34.7	38.3	39.8	38.2	31.9	28.9	31.9
KHANAQIN	....	25.5	35.7	....	41.6	39.1	31.4	....	34.7
RUTBA	22.5	20.9	29.3	34.5	37.1	36.6	30.6	25.5	29.6
BAGHDAD	28.1	25.4	33.8	40.4	42.1	41.0	33.0	29.7	34.5
DIWANIYA	25.3	24.5	33.9	39.1	44.5	39.1	31.5	28.0	33.3
HAI	26.7	25.5	34.9	41.2	42.5	39.9	33.2	....	34.8
NASIRIYA	27.0	25.8	34.9	42.3	43.9	40.9	33.3	29.9	35.2
BASRA	28.3	27.0	33.9	38.2	40.2	37.8	32.6	30.6	33.7
HABBANIYA	26.5	24.7	33.1	40.0	41.9	40.7	33.3	29.1	33.6

TABLE 4

MONTHLY MEAN PRESSURE (IN MILLIBARS) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
MOSUL	03.7	04.2	03.7	02.6	01.5	00.7	02.7	03.2	02.8
KIRKUK	01.6	01.8	01.2	00.4	99.4	99.1	00.8	01.4	00.7
KHANAQIN	....	01.6	00.7	....	98.9	98.7	00.3	....	00.0
BAGHDAD	01.0	01.6	02.7	02.0	00.6	98.9	00.9	01.3	01.1
RUTBA	05.0	05.6	05.9	05.4	04.4	03.8	04.2	04.5	04.8
DIWANIYA	00.1	00.8	01.4	01.2	00.1	99.5	00.2	00.3	00.4
HAI	00.2	00.4	01.0	00.8	99.8	99.5	99.5	....	00.4
NASIRIYA	00.2	00.8	01.6	01.2	00.0	99.5	00.4	00.5	00.5
BASRA	99.5	99.7	00.4	00.5	99.8	99.2	99.3	99.6	99.8
HABBANIYA	01.5	02.3	03.1	02.4	01.1	00.4	01.3	01.6	01.7

TABLE 5

MONTHLY MEAN RELATIVE HUMIDITY (IN PERCENTAGE) FOR EACH 3 HOURS.

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
MOSUL	40	47	25	15	13	15	25	36	27
KIRKUK	26	27	17	13	13	13	18	24	19
KHANAQIN	..	22	13	..	10	10	16	..	14
BAGHDAD	25	30	21	12	10	13	22	25	20
RUTBA	27	35	24	17	13	13	18	23	21
HAI	32	36	25	14	13	16	24	..	23
DIWANIYA	40	43	27	19	14	18	32	36	28
NASIRIYA	33	36	20	12	11	14	28	32	23
BASRA	59	63	48	39	34	42	57	57	50
HABBANIYA	30	33	22	14	11	13	22	27	21

TABLE 6

JUNE 1955.

MONTHLY MEAN VAPOUR PRESSURE (IN MILLIBARS) FOR EACH 3 HOURS.

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
MOSUL	11.1	12.5	12.2	10.6	9.8	10.6	11.0	11.7	11.2
KIRKUK	9.1	9.6	9.4	8.8	9.0	8.2	8.5	9.5	9.0
KHANAQIN	....	7.0	7.7	....	7.9	7.1	7.9	....	7.5
BAGHDAD	9.3	9.5	10.3	9.1	8.4	10.0	11.0	9.9	9.7
RUTBA	7.4	8.5	9.7	9.2	8.4	8.1	7.8	7.5	8.3
HAI	11.1	11.6	14.0	10.7	10.6	12.1	11.8	....	11.7
DIWANIYA	12.6	13.0	14.3	13.3	11.3	12.7	14.7	13.2	13.3
NASIRIYA	11.6	12.1	11.7	9.5	9.1	11.0	14.2	13.3	11.6
BASRA	22.7	22.3	25.2	26.3	25.6	27.1	27.7	25.1	25.2
HABBANIYA	10.2	10.2	10.9	10.4	9.2	9.7	11.0	10.7	10.3

TABLE 7

MONTHLY MEAN DEW POINT (IN CENTIGRADE) FOR EACH 3 HOURS.

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
MOSUL	8.2	9.9	9.5	7.3	6.1	7.1	7.5	8.6	8.0
KIRKUK	5.4	6.0	5.6	4.8	5.0	3.7	3.8	6.0	5.0
KHANAQIN	...	2.3	3.5	...	3.4	2.7	3.7	...	3.1
BAGHDAD	5.2	5.8	7.9	5.4	3.7	5.8	7.7	6.1	5.9
RUTBA	2.1	4.0	6.1	5.1	3.6	3.2	2.9	2.1	3.6
HAI	8.1	8.8	11.7	8.1	7.6	9.4	9.2	...	9.0
DIWANIYA	9.9	10.3	12.0	10.7	8.1	10.1	12.3	10.5	10.5
NASIRIYA	8.7	9.3	8.8	5.8	5.2	7.8	11.6	10.7	8.5
BASRA	19.3	19.1	21.1	21.7	21.2	22.2	22.6	21.0	21.0

TABLE 8

MONTHLY MEAN LOW CLOUD (IN OKTAS) FOR EACH 3 HOURS.

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
MOSUL	0.3	0.2	0.1	0.3	0.8	0.5	0.6	0.4	0.4
KIRKUK	0.3	0.3	0.1	0.2	0.8	0.5	0.6	0.5	0.4
KHANAQIN	...	0.2	0.1	...	0.3	0.7	0.6	...	0.4
BAGHDAD	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.0	0.1
RUTBA	0.0	0.0	0.0	0.0	0.3	0.3	0.2	0.0	0.1
HAI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	...	0.0
DIWANIYA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NASIRIYA	0.1	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0
BASRA	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
HABBANIYA	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.1

TABLE 9

MONTHLY MEAN TOTAL CLOUD (IN OKTAS) FOR EACH 3 HOURS.

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
MOSUL	0.5	0.4	0.2	0.5	1.0	0.9	0.9	0.7	0.6
KIRKUK	0.6	0.5	0.2	0.3	0.9	0.8	0.8	0.7	0.6
KHANAQIN	...	0.4	0.2	...	1.0	0.8	0.7	...	0.6
BAGHDAD	0.1	0.1	0.1	0.1	0.4	0.3	0.1	0.2	0.2
RUTBA	0.0	0.0	0.0	0.0	0.4	0.4	0.3	0.0	0.1
HAI	0.2	0.2	0.1	0.2	0.3	0.3	0.2	...	0.2
DIWANIYA	0.1	0.0	0.1	0.0	0.2	0.0	0.0	0.1	0.1
NASIRIYA	0.1	0.1	0.0	0.2	0.4	0.1	0.1	0.1	0.1
BASRA	0.1	0.1	0.0	0.1	0.2	0.1	0.2	0.1	0.1
HABBANIYA	0.1	0.1	0.1	0.0	0.3	0.3	0.1	0.2	0.2

NOTE: ALL TIMES ARE G.M.T.

TABLE 10 JUNE 1955.

DAILY PRECIPITATION
UNIT (MILLIMETRES).

DATE	BAGD.	MOSUL	KHANA.	RUTBA	HAI	DIWAN.	NASIR.	BASRA	HABB.	KIRK.
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	TR
2	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	TR
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	TR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	2.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	TR

REMARKS: 1- TRACE OF RAIN (TR) IS LESS THAN 0.05 mms.
2- BAGD - BAGHDAD . KHANA - KHANAQIN. DIWAN - DIWANIYA.
NASIR - NASIRIYA . HABB - HABBANIYA . KIRK - KIRKUK .

TABLE 11 JUNE 1955.

SURFACE WIND - NUMBER OF OBSERVATIONS.

B A G H D A D

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	8	3	0	0	0	0	3	13	3	6
0300	9	2	1	0	0	0	1	14	3	7
0600	9	3	0	0	0	0	0	17	1	7
0900	15	3	1	0	0	0	2	9	0	9
1200	12	0	0	0	0	1	2	12	3	9
1500	10	1	0	0	0	0	6	9	4	7
1800	2	0	1	0	1	2	2	13	9	4
2100	8	1	0	0	0	0	2	12	7	5
TOTAL	63	13	3	0	1	3	18	109	30	7

M O S U L

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	4	0	4	1	0	0	2	6	13	6
0300	7	1	0	0	0	0	2	6	14	3
0600	11	12	3	0	1	0	0	2	1	9
0900	11	5	2	0	3	1	3	5	0	10
1200	6	3	3	0	3	1	10	3	1	9
1500	5	2	2	0	0	0	9	8	4	8
1800	3	2	3	0	0	0	8	9	5	7
2100	8	1	3	1	2	0	5	2	8	6
TOTAL	55	26	20	2	9	2	39	41	46	8

K H A N A Q I N

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	-	-	-	-	-	-	-	-	-	-
0300	0	0	10	2	0	0	1	0	17	2
0600	5	2	7	1	0	0	2	2	11	4
0900	-	-	-	-	-	-	-	-	-	-
1200	5	1	0	1	3	0	12	8	0	9
1500	7	0	0	0	0	0	13	7	3	6
1800	2	0	2	1	1	1	7	4	12	3
2100	-	-	-	-	-	-	-	-	-	-
TOTAL	19	3	19	5	4	1	35	21	43	5

TABLE 11 CONTINUED JUNE 1955.

SURFACE WIND - NUMBER OF OBSERVATIONS.

R U T B A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	1	0	0	0	3	1	10	9	6	6
0300	1	1	0	0	0	5	5	8	10	5
0600	12	0	0	0	0	0	3	12	3	9
0900	6	1	2	0	2	1	4	5	9	5
1200	8	0	0	1	3	4	7	7	0	8
1500	10	1	0	0	0	1	9	7	2	8
1800	15	0	0	0	0	0	9	5	1	7
2100	5	0	0	0	4	0	10	3	8	5
TOTAL	58	3	2	1	12	12	57	56	39	7

D I W A N I Y A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	7	0	1	1	1	0	13	3	4	7
0300	10	0	0	0	0	0	13	5	2	6
0600	9	0	1	0	0	0	16	2	2	8
0900	11	0	0	0	0	0	16	1	2	11
1200	11	0	0	0	0	0	17	2	0	12
1500	13	0	0	0	0	0	12	3	2	7
1800	6	0	0	0	0	0	16	3	5	5
2100	9	0	0	0	0	0	12	1	8	5
TOTAL	76	0	2	1	1	0	115	20	25	8

H A I

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	0	0	0	1	2	0	23	2	1	8
0300	0	0	4	0	0	0	24	1	1	6
0600	3	0	2	2	2	0	17	4	0	7
0900	2	0	2	0	0	1	17	6	0	9
1200	0	0	0	1	4	0	17	7	1	9
1500	2	0	0	1	1	0	22	3	1	6
1800	0	0	0	1	2	1	24	1	1	6
2100	-	-	-	-	-	-	-	-	-	-
TOTAL	7	0	9	6	13	2	144	24	5	7

H A B B A N I Y A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	9	0	0	0	0	0	0	13	8	5
0300	5	0	0	0	0	0	0	23	2	7
0600	16	1	0	0	0	0	0	13	0	11
0900	16	3	0	0	0	0	0	11	0	12
1200	7	2	0	0	0	1	2	18	0	13
1500	12	1	0	0	0	0	0	17	0	11
1800	10	0	0	0	0	0	0	17	3	5
2100	8	1	0	0	0	0	0	15	6	5
TOTAL	83	8	0	0	0	1	2	127	19	9

SURFACE WIND - NUMBER OF OBSERVATIONS.

K I R K U K

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	5	17	4	0	1	1	1	0	1	6
0300	4	15	6	2	0	2	0	0	1	5
0600	7	4	7	1	2	2	2	4	1	7
0900	3	3	2	1	5	2	7	7	0	7
1200	3	3	1	1	2	5	10	4	1	8
1500	3	4	1	0	0	5	11	6	0	8
1800	8	8	1	0	0	2	3	8	0	6
2100	5	11	4	0	0	2	1	6	1	6
TOTAL	38	65	26	5	10	21	35	35	5	7

N A S I R I Y A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	9	0	1	0	1	1	11	7	0	10
0300	3	0	1	0	3	3	12	8	0	9
0600	4	1	0	1	1	0	6	17	0	11
0900	7	0	1	0	0	0	4	18	0	14
1200	7	0	1	0	0	0	9	13	0	14
1500	12	0	1	0	0	0	6	11	0	12
1800	5	0	1	1	1	0	14	8	0	8
2100	6	0	3	0	2	0	14	5	0	9
TOTAL	53	1	9	2	8	4	76	87	0	11

B A S R A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	4	0	1	2	2	1	9	9	2	6
0300	1	0	3	0	1	2	14	6	3	5
0600	2	1	0	1	0	1	10	14	1	6
0900	4	1	0	1	0	0	6	17	1	9
1200	4	0	1	0	0	0	3	22	0	9
1500	1	0	0	1	0	0	5	20	3	5
1800	3	0	0	1	2	0	6	15	3	5
2100	2	1	0	0	3	2	9	12	1	6
TOTAL	21	3	5	6	8	6	62	115	14	6

REMARKS : 1- ALL TIMES ARE G.M.T.
2- C - MEANS CALM.
V.K. - MEANS WIND VELOCITY IN KNOTS.

STATION INDEX

STATION	LATITUDE	LONGITUDE	Hs	Hb	ha
MOSUL	36 19 N.	43 09 E.	222.6 m.	223.5 m.	13.1 m.
KIRKUK	35 28 N.	44 24 E.	330.8 m.	331.7 m.	8.2 m.
KHANAQIN	34 18 N.	45 26 E.	201.2 m.	202.1 m.	6.1 m.
BAGHDAD	33 20 N.	44 24 E.	34.1 m.	40.4 m.	17.1 m.
HABBANIYA	33 22 N.	43 34 E.	43.6 m.	44.5 m.	14.9 m.
RUTBA	33 02 N.	40 17 E.	615.5 m.	616.4 m.	16.1 m.
HAI	32 10 N.	46 03 E.	14.9 m.	16.1 m.	7.9 m.
DIWANIYA	31 59 N.	44 59 E.	20.4 m.	21.0 m.	6.8 m.
NASIRIYA	31 01 N.	46 14 E.	3.0 m.	3.7 m.	8.8 m.
BASRA	30 34 N.	47 47 E.	2.4 m.	12.7 m.	23.5 m.

EXPLANATION OF SYMBOLS :-

Hs - Height of station above M.S.L.
Hb - Height of barometer cistern above M.S.L.
ha - Height of anemometer above the ground.

NOTES ON TABLES

Mean Air Pressure :- is expressed in millibars, the initial 9 or 10 being omitted. One millibar equals 1000 dynes per sq.cm. All mean pressures are reduced to mean sea level.

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

HUMIDITY :- The values given depend on the readings of the dry and wet bulb thermometers in Stevenson screens.

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

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

Clear days are those on which the average cloud amount at all observation hours is 0 or 1 OKTA. Cloudy days those on which the average cloud amount is 7 or 8 OKTAS.

WIND: Days of wind force ≥ 6 ≥ 8 are those on which the wind equals or exceeds those values at observation hours only, where force 6 equals 22 to 27 Knots. and force 8 equals 34 to 40 Knots. V.K. is the mean wind speed in Knots.

G.M.T. = equals Local time Minus 3 hours.

Director
United States Weather Bureau,
2400th and M Streets, N.W.
WASHINGTON 25, D.C. (U.S.A)

الحكومة العراقية

وزارة الاشغال والمواصلات

GOVERNMENT OF IRAQ

MINISTRY OF COMMUNICATIONS AND WORKS

مديرية الانواء الجوية

METEOROLOGICAL DEPARTMENT

احصائيات المناخ للقطر العراقي

CLIMATOLOGICAL MEANS FOR IRAQ

JULY 1955 - تموز ١٩٥٥

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MAP SHOWING ALL METEOROLOGICAL STATIONS

OF IRAQ

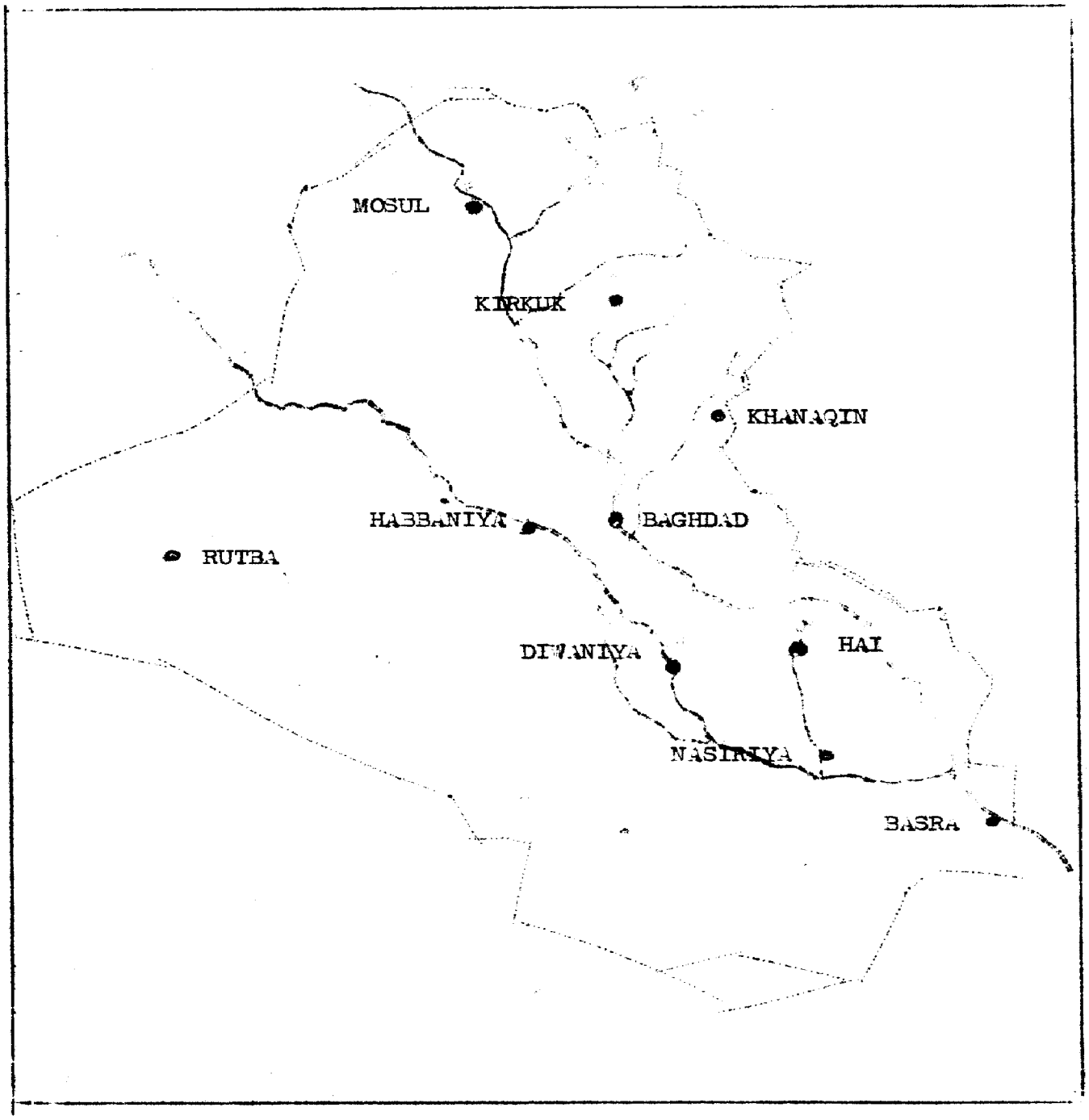

TABLE 1 JULY 1955.

CLIMATOLOGICAL SUMMARY

	PRECIPITATION					TEMPERATURE			
STATION	TOTAL	MAX. FALL	DATE	NO. OF DAYS NOT LESS THAN 1.0mm	10.0mm	HIGHEST MAX.	DATE	LOWEST MIN.	DATE
BAGHDAD	0.0	0.0	-	0	0	47.6	10	22.3	5
MOSUL	0.0	0.0	-	0	0	47.2	10	17.9	3
KIRKUK	0.0	0.0	-	0	0	46.0	10	23.4	6
KHANAQIN	0.0	0.0	-	0	0	46.1	9,10	22.2	3,7
RUTBA	0.0	0.0	-	0	0	41.6	10	20.0	3
HAI	0.0	0.0	-	0	0	46.6	9	23.3	20
DIWANIYA	0.0	0.0	-	0	0	45.2	10	21.8	24
NASIRIYA	0.0	0.0	-	0	0	48.3	11	23.0	15
BASRA	0.0	0.0	-	0	0	44.5	11	24.9	8
HABBANIYA	0.0	0.0	-	0	0	46.1	8-10	23.3	5

NUMBER OF CASES OF :-

STATION	RAIN	SNOW	HAIL	THUNDERSTORM	FOG	DUST	CLEAR	CLOUDY	WIND FORCE 6	8
BAGHDAD	0	0	0	0	0	1	31	0	0	0
MOSUL	0	0	0	0	0	0	29	0	1	0
KIRKUK	0	0	0	0	0	0	31	0	0	0
KHANAQIN	0	0	0	0	0	0	31	0	0	0
RUTBA	0	0	0	0	0	0	31	0	3	0
HAI	0	0	0	0	0	0	31	0	1	0
DIWANIYA	0	0	0	0	0	0	31	0	2	8
NASIRIYA	0	0	0	0	0	1	31	0	2	0
BASRA	0	0	0	0	0	0	31	0	0	0
HABBANIYA	0	0	0	0	0	0	31	0	3	0

ADDITIONAL DATA

	SUNSHINE	TEMPERATURES				
STATION	HOURS	GRASS MIN.	OF EARTH 1 FT.	4 FT.	MIN. LESS THAN 21 C.	MAX. MORE THAN 44 C.
BAGHDAD	399.8	21.4	37.4	31.5	0	12
MOSUL	388.6	18.6	36.0	31.2	11	6
KIRKUK	.....	....	30.4	29.0	0	5
KHANAQIN	.....	....	....	....	0	7
RUTBA	.....	....	....	....	3	0
HAI	.....	....	....	....	0	10
DIWANIYA	.....	.....	....	....	0	5
NASIRIYA	.....	....	....	....	0	21
BASRA	374.8	....	....	....	0	2
HABBANIYA	396.4	23.9	36.5	31.3	0	9

TABLE 2 JULY 1955.

DAILY MAXIMUM AND MINIMUM TEMPERATURES

DATE	BAGHDAD		MOSUL		KIRKUK		KHANAQIN		RUTBA	
	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	44.8	24.9	43.9	21.0	42.8	26.3	43.9	23.3	41.2	21.2
2	44.4	28.3	42.8	19.6	43.3	24.8	42.8	26.1	38.5	21.6
3	42.1	23.8	44.0	17.9	41.1	23.8	44.4	22.2	37.0	20.0
4	42.8	22.9	42.5	20.5	41.6	24.7	42.2	22.8	38.2	21.3
5	42.0	22.3	43.0	17.4	42.0	24.8	42.8	23.9	36.8	23.0
6	41.9	26.8	41.8	23.9	41.5	23.4	42.2	22.8	37.4	21.0
7	43.8	24.5	44.7	18.4	43.1	26.5	42.8	22.2	39.2	22.4
8	47.0	26.3	46.6	20.6	44.9	28.3	45.6	26.1	40.5	22.4
9	47.2	27.7	46.9	23.9	45.0	32.6	46.1	27.2	41.0	23.2
10	47.6	26.0	47.2	23.1	46.0	28.8	46.2	29.3	41.6	22.9
11	45.3	25.4	43.5	22.6	43.3	27.4	43.9	26.1	41.3	22.5
12	43.4	24.9	43.1	20.9	43.3	25.6	43.8	22.2	38.8	22.5
13	44.5	23.4	44.0	21.1	43.8	27.1	43.3	23.9	39.2	22.8
14	43.3	22.4	43.2	19.6	42.4	25.2	42.8	24.4	39.5	22.5
15	44.4	24.3	43.0	22.8	42.1	25.3	42.8	25.0	38.6	22.2
16	43.8	27.3	43.4	22.1	42.2	26.0	42.2	23.9	38.9	22.0
17	45.2	26.8	45.5	21.7	44.5	26.3	45.6	23.3	38.2	21.8
18	44.4	25.8	45.6	23.9	45.5	26.5	44.4	25.5	38.0	21.8
19	41.8	26.8	43.9	26.1	42.7	26.2	42.8	26.6	37.2	20.4
20	41.2	21.5	41.1	25.6	40.6	24.8	41.1	23.9	36.3	20.3
21	41.6	24.0	44.0	23.1	39.9	26.7	40.8	25.0	35.6	21.6
22	42.3	24.5	41.7	20.6	41.0	27.4	40.5	25.0	38.0	22.4
23	44.2	26.2	41.2	23.9	41.9	28.0	44.6	27.2	38.0	22.9
24	44.3	25.3	43.1	22.8	42.9	26.9	42.8	26.6	37.7	22.5
25	43.4	28.4	42.4	20.7	41.6	27.6	41.6	25.5	38.0	22.2
26	43.4	25.5	41.8	22.1	41.1	25.4	41.6	23.9	38.0	21.5
27	41.1	24.6	41.9	22.7	41.8	23.7	41.6	26.1	37.0	21.0
28	42.1	25.5	43.1	19.8	41.6	23.5	44.6	22.2	38.0	23.5
29	41.3	26.6	42.0	21.8	39.5	24.6	40.3	26.1	37.5	24.0
30	42.1	24.4	42.7	22.2	40.3	26.2	40.8	27.2	37.0	21.6
31	43.6	23.3	43.0	19.7	42.5	25.4	41.1	26.1	41.0	22.0
MEANS	43.0	25.2	43.3	21.7	42.4	26.1	42.6	24.9	38.5	22.2

NOTE: TEMPERATURES ARE IN CENTIGRADE.

TABLE 2-CONTINUED JULY 1955.

DAILY MAXIMUM AND MINIMUM TEMPERATURES

DATE	HAI		DIWANIYA		NASIRIYA		BASRA		HABBANIYA	
	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	44.0	23.8	42.5	25.2	45.2	26.4	40.7	27.2	43.9	26.1
2	45.5	26.4	43.2	24.6	47.3	24.2	43.4	26.3	43.9	25.5
3	41.9	28.3	40.3	24.0	43.3	29.0	40.4	27.2	42.2	23.9
4	43.6	26.0	41.0	26.7	43.3	26.6	41.1	25.6	41.6	25.5
5	41.6	23.7	40.5	23.5	43.5	24.2	39.4	27.1	41.6	23.3
6	41.8	26.2	41.2	22.7	43.4	24.5	41.1	25.4	41.6	24.4
7	42.9	24.3	41.8	23.4	43.5	24.3	40.6	25.8	43.3	23.9
8	45.7	24.4	45.0	23.9	47.1	26.0	43.4	24.9	46.1	26.6
9	46.6	26.2	44.5	27.2	47.5	26.0	43.6	28.0	46.1	27.8
10	46.5	27.0	45.2	27.4	45.7	26.3	44.4	28.9	46.1	27.2
11	46.0	28.6	44.8	25.5	48.3	26.8	44.5	28.6	43.3	25.5
12	42.8	25.2	42.5	24.4	46.0	26.2	40.8	29.2	42.8	24.4
13	43.5	24.2	42.5	24.0	45.0	24.3	40.9	25.7	43.9	26.1
14	43.9	23.4	42.5	23.0	45.3	25.2	41.7	27.8	43.3	25.5
15	44.1	26.2	44.9	24.2	45.9	23.0	41.7	27.0	44.4	25.5
16	43.3	27.0	41.8	24.1	44.7	26.2	39.8	27.8	42.8	26.6
17	44.5	26.5	42.5	27.0	44.3	27.2	41.2	28.6	43.9	26.1
18	44.5	25.8	42.2	24.2	45.6	26.7	40.2	27.2	43.3	26.1
19	43.0	26.1	41.2	24.2	45.2	26.6	41.4	28.1	41.6	25.0
20	41.5	23.3	41.4	24.0	44.0	25.8	40.0	26.1	41.1	23.9
21	42.2	26.3	41.0	24.2	44.0	25.5	40.7	26.6	40.5	26.6
22	42.8	25.4	41.0	24.0	44.6	24.0	40.9	26.7	42.2	26.1
23	43.2	27.0	43.6	24.0	45.2	24.4	41.0	26.1	44.4	26.6
24	44.3	23.5	43.5	21.8	46.4	26.4	42.8	26.1	43.3	27.2
25	44.2	25.0	43.4	25.8	46.3	27.2	42.4	28.5	43.3	26.1
26	43.1	25.9	41.5	27.0	44.7	26.7	40.2	29.3	42.8	26.1
27	40.8	27.8	39.8	23.2	42.1	26.0	38.9	28.7	41.1	25.0
28	42.0	25.0	41.5	26.2	43.0	27.0	29.9	25.8	41.6	27.8
29	41.9	27.0	41.0	25.2	43.7	28.0	42.1	25.3	40.5	28.3
30	43.0	25.3	42.0	23.0	46.0	25.0	41.6	26.9	41.6	26.6
31	43.0	27.7	42.5	23.8	44.2	28.4	41.7	27.8	43.3	23.9
MEANS	43.4	26.1	42.3	24.6	45.0	25.9	41.4	27.1	43.0	26.8

NOTE: TEMPERATURES ARE IN CENTIGRADE

TABLE 3

JULY 1955.

MONTHLY MEAN TEMPERATURES (IN CENTIGRADE) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	28.5	26.1	34.0	41.0	43.0	42.0	33.3	30.6	34.8
MOSUL	24.7	24.2	33.2	40.6	42.6	41.1	33.5	28.0	33.5
KIRKUK	27.7	27.5	35.3	40.1	41.6	40.2	33.2	30.5	34.5
KHANAQIN	....	25.7	36.0	....	42.0	40.4	34.3	....	35.7
RUTBA	24.2	22.3	29.5	34.9	37.6	36.9	31.2	27.2	30.4
HAI	28.5	27.0	35.9	41.5	42.7	40.4	33.6	....	35.6
DIWANIYA	26.9	25.5	34.4	40.0	41.9	39.7	32.5	29.0	33.7
NASIRIYA	28.1	27.0	37.0	42.9	44.2	41.6	34.6	30.8	38.7
BASRA	29.0	27.7	34.3	38.6	40.8	38.5	33.6	30.9	34.2
HABBANIYA	28.3	26.5	33.5	40.5	42.5	41.4	34.5	30.9	34.6

TABLE 4

MONTHLY MEAN PRESSURE (IN MILLIBARS) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	98.5	98.7	99.3	99.8	98.3	97.5	98.3	98.8	98.7
MOSUL	99.8	00.4	99.9	98.9	97.7	96.9	98.4	99.5	98.9
KIRKUK	98.2	98.5	98.0	97.0	96.0	95.6	97.3	98.0	97.3
KHANAQIN	....	98.7	97.5	....	95.5	95.9	97.3	....	97.7
RUTBA	02.3	03.1	03.2	02.5	01.6	01.2	01.9	02.2	02.2
HAI	97.5	98.1	98.6	98.3	98.2	97.0	98.0	....	98.0
DIWANIYA	97.7	98.4	99.0	99.0	98.0	97.3	98.1	98.1	98.2
NASIRIYA	97.9	98.5	99.2	98.9	97.7	97.4	98.3	98.3	98.3
BASRA	97.1	97.5	98.2	98.3	97.7	97.1	97.3	97.5	97.6
HABBANIYA	98.8	99.5	00.4	99.7	98.7	97.9	95.5	98.9	98.7

TABLE 5

MONTHLY MEAN RELATIVE HUMIDITY (IN PERCENTAGE) FOR EACH 3 HOURS.

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	30	32	25	17	12	16	28	32	24
MOSUL	49	50	33	22	19	21	32	42	36
KIRKUK	30	31	22	16	14	14	23	26	22
KHANAQIN	..	23	15	..	11	11	14	..	15
RUTBA	35	44	30	19	15	15	21	26	26
HAI	31	35	27	17	16	19	27	..	25
DIWANIYA	43	46	30	22	17	21	33	40	32
NASIRIYA	31	32	19	12	11	13	25	29	21
BASRA	59	61	46	39	34	40	53	58	49
HABBANIYA	30	33	26	15	12	14	24	27	23

TABLE 6

JULY 1955.

MONTHLY MEAN VAPOUR PRESSURE (IN MILLIBARS) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	11.2	11.0	13.3	12.8	10.8	12.0	14.0	12.0	12.2
MOSUL	15.0	15.1	16.9	16.5	16.4	16.7	16.1	15.7	16.0
KIRKUK	11.0	11.5	11.7	11.8	11.1	10.5	11.7	11.2	11.3
KHANAQIN	....	7.6	9.1	....	9.1	8.2	8.2	....	8.4
RUTBA	10.6	12.1	12.1	10.3	9.5	9.3	9.4	9.5	10.3
HAI	12.1	12.4	15.6	13.8	13.9	14.8	14.1	....	13.8
DIWANIYA	14.7	14.7	16.0	15.8	13.5	14.9	15.7	15.6	15.1
NASIRIYA	11.9	11.3	11.8	10.5	10.1	10.9	13.4	12.9	11.6
BASRA	23.7	23.4	25.1	26.5	26.0	26.9	27.3	26.1	25.5
HABBANIYA	11.4	11.4	13.5	11.6	10.2	10.8	12.8	11.9	11.7

TABLE 7

MONTHLY MEAN DEW POINT (IN CENTIGRADE) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	8.7	8.2	11.0	10.4	7.7	9.5	11.4	10.0	9.6
MOSUL	12.8	12.8	14.0	14.0	13.7	14.0	13.6	13.4	13.5
KIRKUK	8.0	8.6	8.8	8.6	7.9	7.3	8.4	8.3	8.2
KHANAQIN	....	2.9	5.4	....	5.6	4.0	4.2	....	4.4
RUTBA	7.3	9.3	9.5	6.9	5.5	5.3	5.7	5.9	6.9
HAI	9.5	10.0	13.3	11.3	11.6	12.5	11.9	....	11.4
DIWANIYA	12.4	12.5	13.8	13.6	11.1	12.6	13.5	13.3	12.8
NASIRIYA	9.0	8.5	9.2	7.3	6.7	7.8	10.8	6.3	8.2
BASRA	19.9	19.2	21.1	21.9	21.5	22.1	22.3	21.6	21.2

TABLE 8

MONTHLY MEAN LOW CLOUD (IN OKTAS) FOR EACH 3 HOURS.

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MOSUL	0.0	0.2	0.2	0.2	0.4	0.1	0.0	0.0	0.1
KIRKUK	0.0	0.3	0.2	0.2	0.3	0.2	0.0	0.1	0.2
KHANAQIN	...	0.0	0.0	...	0.0	0.0	0.0	...	0.0
RUTBA	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0
HAI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	...	0.0
DIWANIYA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NASIRIYA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BASRA	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0
HABBANIYA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 9

MONTHLY MEAN TOTAL CLOUD (IN OKTAS) FOR EACH 3 HOURS.

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MOSUL	0.0	0.3	0.3	0.3	0.5	0.2	0.0	0.0	0.2
KIRKUK	0.0	0.4	0.2	0.2	0.4	0.3	0.0	0.1	0.2
KHANAQIN	...	0.0	0.0	...	0.0	0.0	0.0	...	0.0
RUTBA	0.0	0.0	0.0	0.0	0.2	0.1	0.1	0.0	0.0
HAI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	...	0.0
DIWANIYA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NASIRIYA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BASRA	0.0	0.2	0.1	0.3	0.0	0.1	0.0	0.0	0.1
HABBANIYA	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.1	0.0

TABLE 10 JULY 1955.

DAILY PRECIPITATION
UNIT (MILLIMETRES).

DATE	BAG-DAD	MOSUL	KIR-KUK	KHAN-AQIN	RUTBA	HAI	DIWA-NIYA	NASIR-IYA	BAS-RA	HABBA-NIYA
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 11 JULY 1955.

SURFACE WIND - NUMBER OF OBSERVATIONS.

B A G H D A D

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	4	0	0	0	0	0	6	16	5	6
0300	5	2	0	0	0	0	6	17	1	7
0600	11	0	0	0	0	0	0	20	0	10
0900	10	0	0	0	0	0	4	17	0	12
1200	5	1	0	0	0	1	10	14	0	12
1500	3	0	0	0	0	2	13	13	0	10
1800	1	0	0	0	0	0	11	7	12	3
2100	3	0	0	0	0	0	3	17	8	6
TOTAL	42	3	0	0	0	3	53	121	26	8

M O S U L

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	7	0	0	0	1	0	1	9	13	4
0300	8	5	0	0	1	0	0	8	9	3
0600	16	6	1	0	2	0	0	6	0	9
0900	9	4	3	1	0	3	7	4	0	10
1200	7	2	3	2	1	1	11	3	1	6
1500	3	1	1	0	2	2	14	5	3	5
1800	2	0	0	0	0	1	13	5	10	4
2100	10	1	2	0	0	0	1	5	12	3
TOTAL	62	19	10	3	7	7	47	45	48	6

K I R K U K

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	8	10	4	2	0	0	1	4	2	4
0300	12	7	2	3	1	1	1	4	0	4
0600	6	1	1	5	3	1	2	12	0	6
0900	1	2	2	0	4	9	4	6	3	7
1200	3	0	1	1	7	9	4	6	0	8
1500	2	0	0	2	3	11	8	5	0	7
1800	2	2	1	0	3	8	5	7	3	4
2100	10	9	0	1	1	1	0	6	3	4
TOTAL	44	31	11	14	22	40	25	50	11	6

K H A N A Q I N

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	-	-	-	-	-	-	-	-	-	-
0300	1	0	10	0	1	0	0	1	18	2
0600	2	0	5	0	2	0	2	2	18	2
0900	-	-	-	-	-	-	-	-	-	-
1200	2	0	0	0	0	1	17	10	1	7
1500	4	0	0	0	1	0	18	7	1	6
1800	2	0	3	0	4	1	13	0	8	3
2100	-	-	-	-	-	-	-	-	-	-
TOTAL	11	0	18	0	8	2	50	20	46	4

TABLE 11 CONTINUED JULY 1955.

SURFACE WIND - NUMBER OF OBSERVATIONS

R U T B A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	1	0	0	0	0	1	20	6	3	10
0300	1	0	0	0	2	5	18	3	2	7
0600	6	0	0	0	0	1	9	14	1	9
0900	3	0	1	0	2	2	14	9	0	9
1200	2	0	0	0	3	4	18	4	0	11
1500	1	0	0	0	0	2	21	6	1	11
1800	0	0	0	0	0	0	17	9	5	6
2100	0	0	0	0	0	2	11	11	7	7
TOTAL	14	0	1	0	7	17	128	62	19	9

H A I

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	0	0	1	0	0	0	24	5	1	7
0300	1	0	0	0	0	1	24	5	0	6
0600	2	0	2	0	1	0	21	5	0	7
0900	2	0	2	0	1	0	21	4	1	8
1200	0	0	0	1	1	2	20	7	0	10
1500	2	0	1	0	0	0	27	1	0	6
1800	2	0	1	0	0	0	27	0	1	3
2100	-	-	-	-	-	-	-	-	-	-
TOTAL	9	0	7	1	3	3	164	27	3	7

D I W A N I Y A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	11	0	0	0	0	0	15	1	4	7
0300	7	0	0	0	0	0	20	1	3	7
0600	13	0	0	0	0	0	15	2	1	9
0900	12	0	0	0	0	0	15	2	2	10
1200	10	0	0	0	0	0	20	0	1	11
1500	14	0	0	0	0	0	13	3	1	7
1800	8	0	0	0	0	0	16	2	5	5
2100	7	0	0	0	0	0	16	1	7	5
TOTAL	82	0	0	0	0	0	130	12	24	8

TABLE 11 - CONTINUED JULY 1955.

SURFACE WIND - NUMBER OF OBSERVATIONS.

N A S I R I Y A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	3	0	0	0	2	0	15	11	0	9
0300	4	0	0	0	1	2	11	13	0	7
0600	5	1	0	0	0	1	5	19	0	11
0900	5	0	2	1	0	0	2	21	0	13
1200	6	0	0	1	1	0	7	16	0	14
1500	9	0	2	0	1	0	9	10	0	11
1800	6	2	0	1	1	2	6	13	0	8
2100	8	0	0	0	2	3	13	5	0	9
TOTAL	46	3	4	3	8	8	68	108	0	10

B A S R A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	1	0	0	0	1	1	16	11	1	5
0300	2	0	0	1	0	2	14	11	1	5
0600	2	0	0	0	1	0	8	18	2	7
0900	1	0	0	1	0	0	1	26	2	9
1200	3	0	1	0	0	0	3	24	0	9
1500	5	0	0	1	0	0	9	16	0	6
1800	5	1	0	0	2	0	10	10	3	6
2100	1	0	0	1	2	1	8	14	4	5
TOTAL	20	1	1	4	6	4	69	130	13	7

H A B B A N I Y A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	1	0	0	0	0	1	3	21	5	6
0300	4	0	0	0	0	0	3	21	3	8
0600	12	0	0	0	0	0	0	19	0	12
0900	11	2	0	0	0	1	1	16	0	13
1200	5	0	0	0	0	3	3	20	0	13
1500	0	0	0	0	0	1	0	30	0	12
1800	1	0	0	0	1	0	2	21	6	6
2100	3	0	0	0	0	1	1	19	7	7
TOTAL	37	2	0	0	1	7	13	167	21	10

REMARKS: 1 - ALL TIMES ARE G.M.T.

2 - C - MEANS CALM.

V.K. MEANS WIND VELOCITY IN KNOTS.

STATION INDEX

STATION	LATITUDE	LONGITUDE	Hs	Hb	ha
MOSUL	36 19 N.	43 09 E.	222.6 m.	223.5 m.	13.1 m.
KIRKUK	35 28 N.	44 24 E.	330.8 m.	331.7 m.	8.2 m.
KHANAQIN	34 18 N.	45 26 E.	201.2 m.	202.1 m.	6.1 m.
BAGHDAD	33 20 N.	44 24 E.	34.1 m.	40.4 m.	17.1 m.
HABBANIYA	33 22 N.	43 34 E.	43.6 m.	44.5 m.	14.9 m.
RUTBA	33 02 N.	40 17 E.	615.5 m.	616.4 m.	16.1 m.
HAI	32 10 N.	46 03 E.	14.9 m.	16.1 m.	7.9 m.
DIWANIYA	31 59 N.	44 59 E.	20.4 m.	21.0 m.	5.8 m.
NASIRIYA	31 01 N.	46 14 E.	3.0 m.	3.7 m.	8.8 m.
BASRA	30 34 N.	47 47 E.	2.4 m.	13.7 m.	23.5 m.

EXPLANATION OF SYMBOLS :-

Hs - Height of station above M.S.L.
Hb - Height of barometer cistern above M.S.L.
ha - Height of anemometer above the ground.

NOTES ON TABLES

Mean Air Pressure :- is expressed in millibars, the initial 9 or 10 being omitted. One millibar equals 1000 dynes per sq.cm. All mean pressures are reduced to mean sea level.

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

HUMIDITY :- The values given depend on the readings of the dry and wet bulb thermometers in Stevenson screens.

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

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

Clear days are those on which the average cloud amount at all observation hours is 0 or 1 OKTA. Cloudy days those on which the average cloud amount is 7 or 8 OKTAS.

WIND: Days of wind force ≥ 6 ≥ 8 are those on which the wind equals or exceeds those values at observation hours only, where force 6 equals 22 to 27 Knots. and force 8 equals 34 to 40 Knots. V.K. is the mean wind speed in Knots.

G.M.T. = equals Local time Minus 3 hours.

الحكومة العراقية

وزارة المواصلات والاشغال

مديرية الطيران المدني العامة

الانواء الجوية

احصائيات المناخ للقطر العراقي

GOVERNMENT OF IRAQ

MINISTRY OF COMMUNICATIONS AND WORKS

DIRECTORATE GENERAL OF CIVIL AVIATION

METEOROLOGICAL DEPARTMENT

CLIMATOLOGICAL MEANS

FOR IRAQ

AUGUST 1955 - آب ـ ١٩٥٥

With the compliments of the
Director, Meteorological Department

Toufiq Fattah.

مع تحيات مدير الانواء الجوية
توفيق فتاح

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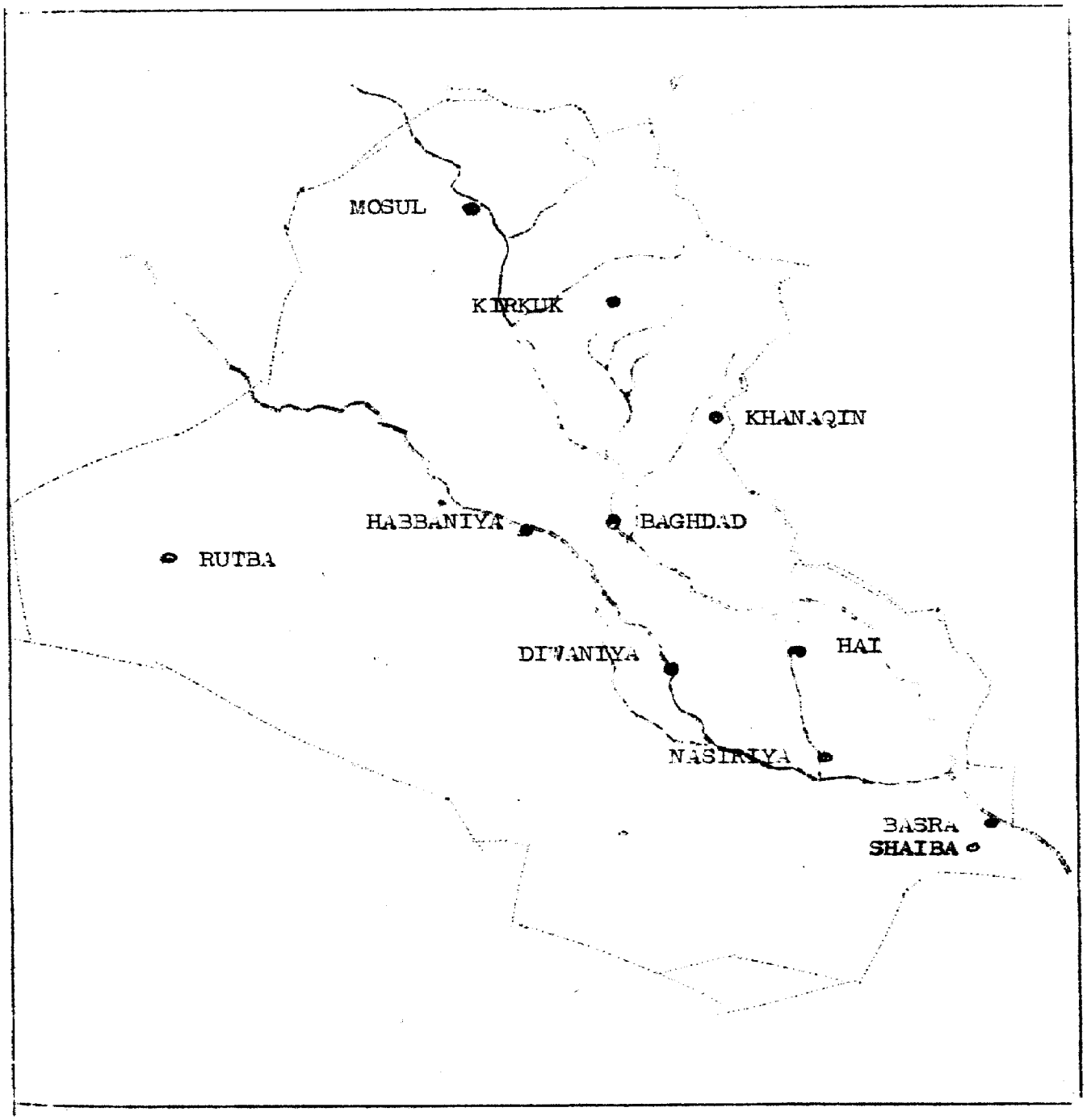
Prepared and Published
by the Climatological Section
at Baghdad-Airport.

MAP SHOWING ALL METEOROLOGICAL STATIONS

OF IRAQ



CLIMATOLOGICAL SUMMARY

STATION	PRECIPITATION					TEMPERATURES			
	TOTAL	MAX. FALL	DATE	No. OF DAYS NOT LESS THAN 1.0mm	10.0mm	HIGHEST MAX.	DATE	LOWEST MIN.	DATE
BAGHDAD	0.0	0.0	-	0	0	45.8	24	21.4	23
MOSUL	0.0	0.0	-	0	0	47.0	21	14.8	28
KIRKUK	0.0	0.0	-	0	0	46.4	21	21.4	17
KHANAQIN	0.0	0.0	-	0	0	45.0	22	19.4	20
RUTBA	0.0	0.0	-	0	0	42.6	27	18.4	17
HAI	0.0	0.0	-	0	0	46.2	24	21.8	7
DIWANIYA	0.0	0.0	-	0	0	45.4	28	20.2	24
NASIRIYA	0.0	0.0	-	0	0	48.5	29	22.0	22
BASRA	0.0	0.0	-	0	0	44.7	30	23.0	9
HABBANIYA	0.0	0.0	-	0	0	45.0	24	21.6	17,20

NUMBER OF CASES OF :-

STATION	RAIN	SNOW	HAIL	THUNDERSTORM	FOG	DUST	CLEAR	CLOUDY	WIND FORCE 6	WIND FORCE 8
BAGHDAD	0	0	0	0	0	1	31	0	2	0
MOSUL	0	0	0	0	0	0	31	0	0	0
KIRKUK	0	0	0	0	0	0	30	0	0	0
KHANAQIN	0	0	0	0	0	0	29	0	0	0
RUTBA	0	0	0	0	0	0	31	0	0	0
HAI	0	0	0	0	0	0	31	0	1	0
DIWANIYA	0	0	0	0	0	0	31	0	2	0
NASIRIYA	0	0	0	0	0	2	31	0	2	0
BASRA	0	0	0	0	0	0	30	0	2	0
HABBANIYA	0	0	0	0	0	0	31	0	0	0

ADDITIONAL DATA

STATION	SUNSHINE HOURS	TEMPERATURES				
		GRASS MIN.	OF EARTH 1 FT.	4 FT.	MIN. LESS THAN 21 C.	MAX. MORE THAN 46 C.
BAGHDAD	376.4	....	36.5	32.6	0	0
MOSUL	380.7	16.2	34.8	31.9	22	1
KIRKUK	.....	....	30.3	30.1	0	1
KHANAQIN	.....	....	....	....	3	0
RUTBA	.....	....	....	....	20	0
HAI	.....	....	....	....	0	1
DIWANIYA	.....	....	....	....	3	0
NASIRIYA	.....	....	....	....	0	11
BASRA	358.8	....	....	....	0	0
HABBANIYA	378.8	22.2	34.9	31.8	0	0

TABLE 2 AUGUST 1955.

DAILY MAXIMUM AND MINIMUM TEMPERATURES

DATE	BAGHDAD		MOSUL		KIRKUK		KHANAQIN		RUTBA	
	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	42.7	25.6	40.4	24.2	42.3	27.2	42.5	25.0	35.2	20.6
2	43.2	27.2	40.3	17.6	40.5	24.5	41.9	23.3	40.0	22.0
3	45.4	29.4	42.6	19.7	42.7	26.8	43.3	25.5	38.5	22.0
4	42.8	28.2	42.8	24.0	42.2	24.1	42.2	25.0	37.0	21.4
5	44.1	24.6	43.8	19.6	43.3	24.4	43.3	22.2	39.4	22.8
6	40.9	24.4	39.8	18.4	39.8	24.7	41.1	25.0	37.0	21.3
7	41.4	25.5	41.3	18.4	41.0	25.2	40.5	22.8	37.0	20.3
8	43.3	23.8	43.3	20.6	42.3	24.8	42.2	23.3	38.5	21.8
9	43.0	28.4	42.1	23.5	42.3	25.8	42.2	23.9	37.0	21.6
10	41.6	28.3	42.6	21.6	41.9	25.3	41.6	24.4	38.0	19.9
11	43.6	22.6	44.3	17.8	43.8	24.8	43.0	23.9	39.0	19.2
12	43.2	27.2	44.8	23.4	44.9	26.6	43.5	26.7	37.6	21.0
13	40.7	25.9	44.6	27.0	44.0	26.8	41.6	25.6	36.7	19.7
14	42.3	23.9	45.6	18.5	44.0	24.7	41.6	25.6	36.8	19.9
15	41.3	25.3	41.5	19.7	40.0	23.6	40.0	29.4	36.2	21.2
16	40.6	21.9	40.6	16.1	39.5	21.5	38.9	23.3	35.4	20.0
17	41.3	23.5	40.9	16.2	39.2	21.4	40.0	20.0	38.0	18.4
18	43.2	25.2	41.4	20.4	40.7	24.6	41.6	20.5	36.9	20.0
19	42.0	27.2	40.6	23.4	40.6	23.5	41.6	21.1	36.7	20.0
20	41.5	24.8	43.2	20.3	41.8	21.8	41.4	19.4	36.8	19.1
21	44.7	22.4	47.0	18.4	46.4	26.6	44.4	22.2	38.0	19.7
22	45.0	23.2	44.4	21.3	45.1	28.3	45.0	26.1	39.8	18.7
23	43.7	21.4	43.3	18.2	42.2	25.3	42.5	23.9	41.9	20.1
24	45.8	23.8	44.0	17.7	43.4	24.7	43.6	22.8	39.8	22.5
25	43.4	25.2	43.4	20.0	42.4	24.6	42.2	23.3	39.5	19.8
26	42.8	22.7	41.9	17.3	41.6	26.2	40.5	22.8	40.6	20.4
27	43.5	23.0	42.9	15.7	41.3	23.4	40.5	21.1	42.6	22.0
28	44.5	23.6	43.3	14.8	42.4	21.8	42.2	21.6	39.8	22.6
29	43.0	23.1	41.7	16.4	41.2	24.1	42.5	23.3	39.0	19.2
30	43.2	27.6	40.9	15.8	41.4	24.5	41.1	23.3	39.0	19.3
31	42.4	27.8	41.2	15.3	40.6	25.8	39.4	21.6	40.0	19.1
MEANS	42.9	25.1	42.6	19.4	42.1	24.8	42.2	23.5	38.3	20.4

NOTE: TEMPERATURES ARE IN CENTIGRADE.

TABLE 2-CONTINUED. AUGUST 1955.

DAILY MAXIMUM AND MINIMUM TEMPERATURES

DATE	HAI		DIWANIYA		NASIRIYA		BASRA		HABBANIYA	
	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	44.0	25.5	41.5	24.5	46.3	24.6	41.8	24.7	40.5	26.1
2	44.4	28.6	44.0	24.8	46.0	26.0	42.9	27.1	43.9	23.9
3	45.6	28.3	44.0	25.2	46.8	28.0	42.2	26.9	44.4	25.5
4	44.3	26.5	42.0	25.2	46.5	26.0	42.2	28.3	41.6	27.2
5	42.6	23.7	41.5	24.0	44.0	25.6	39.7	25.1	43.3	27.2
6	43.2	28.0	41.6	25.7	45.0	28.0	41.8	26.7	40.0	25.0
7	41.3	21.8	41.0	21.7	43.8	24.6	40.6	24.4	41.1	26.1
8	40.9	21.9	42.0	23.0	44.3	23.4	39.4	24.8	42.2	25.0
9	43.1	27.0	41.5	24.1	45.0	26.4	41.7	23.0	42.2	24.4
10	41.0	27.7	40.2	22.7	43.5	26.6	40.8	26.0	40.5	25.5
11	41.5	26.4	40.8	20.8	43.0	24.2	39.6	27.8	43.3	22.2
12	43.6	29.0	41.8	25.0	45.0	27.4	40.6	27.8	41.6	25.0
13	40.8	28.0	40.5	22.4	43.0	24.4	39.5	28.0	40.0	24.4
14	42.3	24.1	41.8	20.8	43.1	22.4	39.2	25.0	42.2	25.5
15	41.8	21.9	39.8	21.8	43.8	22.3	41.3	23.9	40.5	25.5
16	40.8	23.8	39.8	24.6	43.1	24.3	40.1	25.5	40.0	22.2
17	40.9	24.2	40.0	22.8	41.5	22.7	39.2	26.9	40.5	21.6
18	43.2	25.7	41.2	23.6	45.0	25.0	41.2	26.1	41.1	22.2
19	43.0	26.3	40.3	24.8	44.5	24.2	40.2	26.1	40.5	25.0
20	40.3	26.0	24.2	23.3	42.1	27.0	39.3	25.6	40.5	21.6
21	44.0	23.6	42.4	22.6	45.0	25.2	39.9	24.7	43.9	23.9
22	44.9	23.2	43.3	21.6	46.6	22.0	43.6	23.8	43.9	23.9
23	44.8	26.0	42.8	22.1	46.5	24.2	42.3	24.4	42.8	22.8
24	46.2	22.8	42.2	20.2	47.7	23.2	42.8	24.5	45.0	24.4
25	45.1	26.4	44.0	23.8	47.5	22.3	43.3	26.7	43.3	24.4
26	44.0	23.4	41.8	22.7	45.9	25.0	42.4	24.7	42.8	24.4
27	43.5	25.7	42.5	24.6	45.6	26.0	43.1	23.3	42.8	22.8
28	45.3	24.2	45.4	22.4	47.4	24.8	42.8	23.4	43.9	22.8
29	45.8	25.7	45.3	24.4	48.5	26.0	44.4	26.7	42.8	23.9
30	45.1	26.2	43.8	22.8	47.2	26.0	44.7	28.3	43.3	22.8
31	42.0	26.2	42.0	22.1	44.0	25.0	40.5	26.2	41.6	22.8
MEANS	43.2	25.4	41.7	23.2	45.1	24.9	41.4	25.7	42.2	24.4

NOTE: TEMPERATURES ARE IN CENTIGRADE.

TABLE 3 AUGUST 1955.

MONTHLY MEAN TEMPERATURES (IN CENTIGRADE) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	28.3	25.9	32.9	40.0	42.4	40.5	32.9	29.9	34.1
MOSUL	22.7	20.8	30.6	39.4	41.9	39.9	31.3	25.5	31.5
KIRKUK	27.1	25.6	34.2	39.5	41.3	39.5	32.2	29.2	33.6
KHANAQIN	....	24.2	34.5	....	41.3	39.2	32.3	....	34.3
RUTBA	22.9	20.9	27.9	34.3	37.3	36.6	30.1	26.1	29.5
HAI	28.2	26.6	34.9	41.3	42.7	39.2	33.0	....	35.1
DIWANIYA	25.8	24.4	33.0	39.6	41.5	38.7	31.9	28.5	32.9
NASIRIYA	27.5	25.5	36.1	43.1	44.4	41.3	34.1	30.2	35.3
BASRA	28.0	26.1	32.8	38.5	40.8	37.0	32.6	30.1	33.2
HABBANIYA	26.8	24.7	31.4	39.3	41.7	40.0	32.7	29.3	33.3

TABLE 4

MONTHLY MEAN PRESSURE (IN MILLIBARS) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	99.8	00.5	01.2	00.9	99.5	98.8	99.9	00.1	00.0
MOSUL	01.5	02.2	02.0	00.7	99.2	98.6	00.2	01.3	00.7
KIRKUK	99.7	99.9	99.6	98.6	97.3	97.1	99.1	99.7	99.8
KHANAQIN	....	00.2	98.2	....	97.1	97.2	99.1	....	98.5
RUTBA	03.3	04.1	04.6	03.8	02.7	02.2	03.1	03.3	03.4
HAI	98.4	98.9	99.5	99.2	98.2	98.0	98.8	....	98.8
DIWANIYA	99.0	99.6	00.4	00.1	98.9	98.4	99.1	99.1	99.3
NASIRIYA	98.7	99.3	00.1	99.5	98.4	98.2	99.3	99.1	99.1
BASRA	98.0	98.2	99.1	98.9	98.0	97.4	97.8	98.1	98.2
HABBANIYA	00.1	01.0	01.8	01.2	99.9	99.2	00.2	00.2	00.5

TABLE 5

MONTHLY MEAN RELATIVE HUMIDITY (IN PERCENTAGE) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	27	30	25	14	11	14	23	25	21
MOSUL	53	56	36	23	19	21	32	44	36
KIRKUK	29	32	20	15	12	13	21	25	21
KHANAQIN	..	25	17	..	12	13	18	..	17
RUTBA	34	43	33	21	16	16	21	28	27
HAI	30	34	27	19	16	21	27	..	25
DIWANIYA	37	42	30	20	16	21	31	35	29
NASIRIYA	27	29	17	11	9	12	19	24	18
BASRA	59	60	46	37	34	44	54	56	48
HABBANIYA	31	36	30	17	12	16	26	28	25

TABLE 6

MONTHLY MEAN VAPOUR PRESSURE (IN MILLIBARS) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	10.1	9.9	12.3	10.6	8.9	10.8	11.4	10.6	10.6
MOSUL	14.4	14.0	15.9	16.3	15.9	14.9	14.4	14.4	15.0
KIRKUK	10.3	10.6	10.8	10.5	9.6	9.1	10.0	10.1	10.1
KHANAQIN	....	7.7	9.4	....	9.3	9.0	9.0	....	8.9
RUTBA	10.5	12.3	11.1	10.3	9.7	9.2	9.4	9.5	10.2
HAI	11.6	11.7	15.2	14.8	14.0	15.0	12.3	....	13.7
DIWANIYA	12.3	12.4	14.6	14.1	12.9	14.1	14.6	13.2	13.5
NASIRIYA	9.9	9.5	10.1	9.1	9.5	9.3	10.0	10.3	9.6
BASRA	21.9	20.2	23.8	25.0	26.4	27.8	26.6	23.9	24.3
HABBANIYA	11.0	11.2	13.7	12.1	9.9	12.0	12.8	11.7	11.8

TABLE 7

MONTHLY MEAN DEW POINT (IN CENTIGRADE) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	6.7	6.5	9.8	7.3	4.8	7.6	8.5	7.4	7.3
MOSUL	12.2	11.8	13.4	13.7	13.1	12.2	11.9	12.1	12.6
KIRKUK	7.1	7.4	7.4	6.8	5.5	4.7	6.5	6.7	6.5
KHANAQIN	....	3.1	1.6	....	5.8	5.4	5.2	....	4.2
RUTBA	5.8	7.6	9.9	8.3	7.0	6.0	5.3	5.7	7.0
HAI	9.0	9.1	13.1	12.6	11.7	12.8	11.0	....	11.3
DIWANIYA	10.0	10.1	12.7	11.8	10.5	11.7	12.4	13.2	11.6
NASIRIYA	7.0	5.9	6.9	5.8	4.4	5.8	6.8	7.2	6.2
BASRA	18.8	17.5	19.3	20.9	21.8	22.6	21.9	20.1	20.4

TABLE 8

MONTHLY MEAN LOW CLOUD (IN OKTAS) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MOSUL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KIRKUK	0.1	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.1
KHANAQIN	...	0.1	0.0	...	0.0	0.0	0.0	...	0.0
RUTBA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HAI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DIWANIYA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NASIRIYA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BASRA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HABBANIYA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 9

MONTHLY MEAN TOTAL CLOUD (IN OKTAS) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	0.0	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.1
MOSUL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KIRKUK	0.1	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.1
KHANAQIN	...	0.3	0.2	...	0.1	0.2	0.0	...	0.1
RUTBA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HAI	0.3	0.3	0.3	0.2	0.2	0.2	0.2	...	0.2
DIWANIYA	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
NASIRIYA	0.0	0.1	0.2	0.1	0.0	0.2	0.0	0.0	0.1
BASRA	0.1	0.6	0.5	0.3	0.1	0.3	0.2	0.1	0.3
HABBANIYA	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1

TABLE 10 AUGUST 1955.

DAILY PRECIPITATION
UNIT (MILLIMETRES).

DATE	BAG-HDAD	MOSUL	KIR-KUK	KHAN-AQIN	RUTBA	HAI	DIWA-NIYA	NASIR-IYA	BAS-RA	HABBA-NIYA
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

WIND SURFACE - NUMBER OF OBSERVATIONS.

B A G H D A D

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	10	2	0	0	0	0	4	14	1	8
0300	6	4	0	0	0	0	3	15	3	8
0600	11	2	0	0	0	0	1	17	0	11
0900	11	0	0	0	1	0	3	16	0	13
1200	6	1	0	1	0	0	5	18	0	14
1500	5	0	0	0	0	0	6	18	2	10
1800	3	0	0	0	1	0	8	14	5	5
2100	5	2	0	0	0	1	2	15	6	6
TOTAL	57	11	0	1	2	1	32	127	17	9

M O S U L

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	11	1	0	0	0	0	1	3	15	5
0300	11	1	0	0	0	0	0	5	14	3
0600	21	4	3	0	0	0	1	1	1	7
0900	9	1	5	0	1	1	6	6	2	6
1200	10	0	2	0	0	0	11	5	3	7
1500	6	1	1	0	0	0	11	7	5	6
1800	2	0	0	0	0	0	9	5	15	4
2100	9	1	0	0	0	0	0	6	15	2
TOTAL	79	9	11	0	1	1	39	38	70	5

K I R K U K

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	7	10	1	0	1	2	3	6	1	4
0300	7	11	2	2	0	1	0	5	3	3
0600	6	2	0	2	4	1	1	12	3	5
0900	2	0	1	0	5	5	12	6	0	9
1200	2	0	0	0	1	8	9	11	0	9
1500	0	0	0	1	0	8	14	8	0	7
1800	9	1	1	1	0	6	5	7	1	4
2100	9	9	1	0	1	2	3	5	1	4
TOTAL	42	33	6	6	12	33	47	60	9	5

K H A N A Q I N

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	-	-	-	-	-	-	-	-	-	-
0300	1	0	10	0	0	0	2	0	18	2
0600	3	0	4	0	0	0	7	0	17	2
0900	-	-	-	-	-	-	-	-	-	-
1200	0	0	0	0	0	1	16	13	1	8
1500	4	0	0	0	1	1	19	5	1	6
1800	6	0	1	0	1	0	6	1	16	2
2100	-	-	-	-	-	-	-	-	-	-
TOTAL	14	0	15	0	2	2	50	19	53	4

TABLE 11 CONTINUED AUGUST 1955.

SURFACE WIND - NUMBER OF OBSERVATIONS

R U T B A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	0	0	0	0	1	2	9	7	12	6
0300	0	0	0	0	0	5	14	4	8	5
0600	0	1	0	0	0	0	7	20	3	7
0900	4	0	3	0	2	0	10	7	5	7
1200	1	0	1	2	1	1	16	8	1	8
1500	2	1	0	2	0	0	14	11	1	8
1800	3	2	1	0	0	1	11	8	5	5
2100	2	1	0	0	0	1	10	8	9	5
TOTAL	12	5	5	4	4	10	91	73	44	7

H A I

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	0	0	0	0	0	1	22	8	0	10
0300	1	0	0	0	0	1	21	8	0	9
0600	5	0	0	0	0	0	16	9	1	8
0900	1	0	0	0	0	0	19	11	0	11
1200	1	0	0	0	0	0	23	7	0	11
1500	0	0	0	0	0	0	25	6	0	6
1800	0	0	0	0	0	2	25	4	0	8
2100	-	-	-	-	-	-	-	-	-	-
TOTAL	8	0	0	0	0	4	151	53	1	9

D I W A N I Y A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	13	1	0	0	0	0	16	1	0	8
0300	10	0	0	0	0	0	17	2	2	7
0600	16	0	0	0	0	0	12	3	0	10
0900	20	0	0	0	0	0	10	1	0	13
1200	13	0	0	0	0	0	15	2	1	13
1500	9	0	1	0	0	0	14	6	1	9
1800	7	1	1	0	0	0	17	3	2	7
2100	9	0	0	0	0	0	16	3	3	8
TOTAL	97	2	2	0	0	0	117	21	9	9

TABLE 11 CONTINUED AUGUST 1955.

SURFACE WIND - NUMBER OF OBSERVATIONS.

N A S I R I Y A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	13	0	0	0	2	0	6	10	0	9
0300	7	0	0	0	1	2	10	11	0	8
0600	6	0	0	0	0	0	3	22	0	12
0900	9	0	0	0	0	0	1	21	0	15
1200	10	0	0	0	0	0	1	20	0	15
1500	18	0	0	0	0	0	4	9	0	11
1800	8	0	1	0	0	0	6	16	0	8
2100	8	0	0	0	1	0	6	15	1	8
TOTAL	79	0	1	0	4	2	37	124	1	11

B A S R A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	4	0	0	0	0	1	9	15	2	5
0300	3	0	0	0	0	0	16	11	1	6
0600	3	0	0	0	0	0	7	21	0	9
0900	5	0	0	0	0	0	2	23	1	11
1200	0	0	0	0	0	0	1	30	0	11
1500	0	0	0	0	0	0	8	23	0	7
1800	2	0	0	0	0	1	8	18	2	8
2100	1	0	0	0	2	0	5	22	1	8
TOTAL	18	0	0	0	2	2	56	163	7	8

H A B B A N I Y A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	11	0	0	0	0	0	1	15	4	6
0300	3	1	0	0	0	0	0	26	1	7
0600	5	1	0	0	0	0	0	25	0	11
0900	9	0	0	0	0	0	0	20	2	12
1200	4	0	0	0	1	0	2	24	0	13
1500	3	0	0	0	0	0	0	27	1	10
1800	4	1	0	0	0	0	0	18	8	5
2100	5	2	0	0	0	1	1	14	8	5
TOTAL	44	5	0	0	1	1	4	169	24	9

REMARKS : 1- ALL TIMES ARE G.M.T.
2- C - MEANS CALM.
V.K. MEANS WIND VELOCITY IN KNOTS.

STATION INDEX

STATION	LATITUDE	LONGITUDE	Hs	Hb	ha
MOSUL	36 19 N.	43 09 E.	222.6 m.	223.5 m.	13.1 m.
KIRKUK	35 28 N.	44 24 E.	330.8 m.	331.7 m.	8.2 m.
KHANAQIN	34 18 N.	45 26 E.	201.2 m.	202.1 m.	6.1 m.
BAGHDAD	33 20 N.	44 24 E.	34.1 m.	40.4 m.	17.1 m.
HABBANIYA	33 22 N.	43 34 E.	43.6 m.	44.5 m.	14.9 m.
RUTBA	33 02 N.	40 17 E.	615.5 m.	616.4 m.	16.1 m.
HAI	32 10 N.	46 03 E.	14.9 m.	16.1 m.	7.9 m.
DIWANIYA	31 59 N.	44 59 E.	20.4 m.	21.0 m.	5.8 m.
NASIRIYA	31 01 N.	46 14 E.	3.0 m.	3.7 m.	8.8 m.
BASRA	30 34 N.	47 47 E.	2.4 m.	13.7 m.	23.5 m.

EXPLANATION OF SYMBOLS :-

Hs - Height of station above M.S.L.
Hb - Height of barometer cistern above M.S.L.
ha - Height of anemometer above the ground.

NOTES ON TABLES

Mean Air Pressure :- is expressed in millibars,the initial 9 or 10 being omitted. One millibar equals 1000 dynes per sq.cm. All mean pressures are reduced to mean sea level.

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

HUMIDITY :- The values given depend on the readings of the dry and wet bulb thermometers in Stevenson screens.

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

WEATHER :- Days of fog or dust are thus on which the range of visio 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 those on which the average cloud amount is 7 or 8 OKTAS.

WIND:Days of wind force $\geq$ 6 $\geq$ 8 are those on which the wind equals or exceeds those values at observation hours only,where force 6 equals 22 to 27 Knots.and force 8 equals 34 to 40 Knots. V.K. is the mean wind speed in Knots.

G.M.T. = equals Local time Minus 3 hours.

Director
United States Weather Bureau,
24000th and H Streets, N.W.
WASHINGTON 25 D.C. (U.S.A)

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التاريخ

الحكومة العراقية

وزارة المواصلات والاشغال

مديرية الطيران المدني العامة

الانواء الجوية

احصائيات المناخ للقطر العراقي

GOVERNMENT OF IRAQ
MINISTRY OF COMMUNICATION AND WORKS
DIRECTORATE GENERAL OF CIVIL AVIATION
METEOROLOGICAL DEPARTMENT
CLIMATOLOGICAL MEANS
FOR IRAQ
SEPTEMBER 1955 - ايلول ١٩٥٥

BAGHDAD - IRAQ بغداد - العراق

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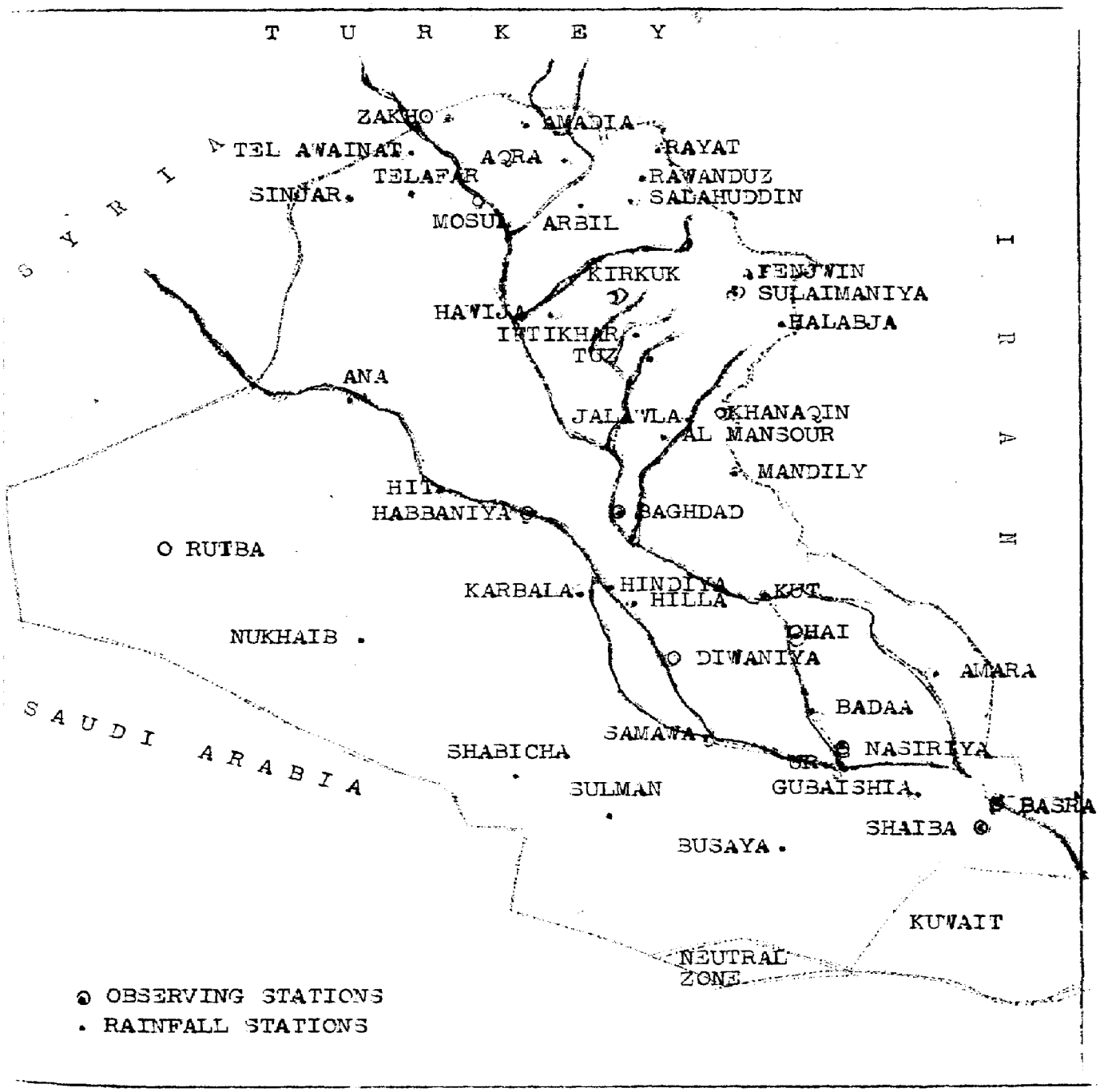
MAP SHOWING METEOROLOGICAL AND RAINFALL STATION OF IRAQ



CLIMATOLOGICAL SECTION
BAGHDAD

CLIMATOLOGICAL SUMMARY

STATION	PRECIPITATION TOTAL	MAX. FALL	DATE	No. OF DAYS NOT LESS THAN 1.0mm	10.0mm	TEMPERATURES HIGHEST MAX.	DATE	LOWEST MIN.	DATE
BAGHDAD	0.0	0.0	-	0	0	44.8	23	14.5	29
MOSUL	1.8	1.8	27	1	0	45.2	23	12.0	30
KIRKUK	TRACE	TRACE	27	0	0	43.4	22	15.5	29
KHANAQIN	0.0	0.0	-	0	0	42.9	4	14.4	29
RUTBA	0.0	0.0	-	0	0	42.6	21	11.5	29
HAI	0.0	0.0	-	0	0	45.0	22	16.0	29
DIWANIYA	0.0	0.0	-	0	0	44.4	23	14.7	29
NASIRIYA	0.0	0.0	-	0	0	45.8	1	16.3	29
BASRA	0.0	0.0	-	0	0	43.2	12	17.2	30
HABBANIYA	0.0	0.0	-	0	0	44.4	23	16.6	29

NUMBER OF CASES OF :-

STATION	RAIN	SNOW	HAIL	THUNDERSTORM	FOG	DUST	CLEAR	CLOUDY	WIND FORCE 6	WIND FORCE 8
BAGHDAD	0	0	0	0	0	2	30	0	2	0
MOSUL	1	0	0	0	0	0	28	0	1	0
KIRKUK	0	0	0	0	0	1	29	0	0	0
KHANAQIN	0	0	0	0	0	0	30	0	0	0
RUTBA	0	0	0	0	0	0	29	0	2	0
HAI	0	0	0	0	0	0	30	0	3	0
DIWANIYA	0	0	0	0	0	0	30	0	1	0
NASIRIYA	0	0	0	0	0	2	29	0	4	0
BASRA	0	0	0	0	0	1	30	0	0	0
HABBANIYA	0	0	0	0	0	0	30	0	0	0

ADDITIONAL DATA

STATION	SUNSHINE HOURS	TEMPERATURES GRASS MIN.	OF EARTH 1 FT.	4 FT.	MIN. LESS THAN 18.0 C.	MAX. MORE THAN 43.0 C.
BAGHDAD	328.1	....	33.8	32.2	1	3
MOSUL	329.5	13.4	31.4	30.7	23	4
KIRKUK	.....	....	28.1	29.3	2	2
KHANAQIN	.....	....	....	....	1	0
RUTBA	.....	....	....	....	6	0
HAI	.....	....	....	....	2	10
DIWANIYA	.....	....	....	....	2	4
NASIRIYA	.....	....	....	....	1	15
BASRA	332.0	....	....	....	1	1
HABBANIYA	337.5	18.3	32.8	31.1	2	2

TABLE 2 SEPTEMBER 1955.

DAILY MAXIMUM AND MINIMUM TEMPERATURES

DATE	BAGHDAD		MOSUL		KIRKUK		KHANAQIN		RUTBA	
	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	42.7	21.6	41.4	13.6	40.6	22.6	40.6	20.5	39.9	20.8
2	42.4	21.3	43.5	16.2	41.8	24.2	42.8	22.2	34.3	20.4
3	38.9	24.9	41.6	23.6	41.2	22.0	38.9	23.3	35.4	19.4
4	43.7	21.5	42.8	18.1	43.0	24.4	42.8	21.6	37.5	20.4
5	41.2	28.6	41.9	26.1	40.3	24.0	39.4	22.2	38.0	20.5
6	39.6	26.1	39.0	21.3	38.1	22.6	39.4	21.6	37.0	20.0
7	40.9	25.0	38.6	20.6	38.7	21.8	40.6	18.9	36.3	20.5
8	41.7	24.8	39.8	18.3	38.9	22.8	41.1	20.6	35.7	21.0
9	39.5	26.2	38.3	19.3	36.8	23.0	38.0	20.5	36.0	20.0
10	40.0	24.9	39.6	14.8	38.9	21.6	38.3	20.0	36.9	19.4
11	42.1	23.7	39.3	16.6	39.2	25.3	39.7	22.2	36.5	20.8
12	41.3	25.3	38.5	17.1	39.1	24.0	39.4	23.3	36.0	21.0
13	40.4	24.4	40.0	14.1	38.8	22.1	38.3	21.6	38.0	18.9
14	40.4	18.8	41.3	14.1	38.5	21.8	38.8	19.4	39.2	17.8
15	40.6	20.5	40.2	14.4	39.4	23.3	39.4	20.0	39.2	19.6
16	40.8	18.8	40.9	14.1	38.7	22.9	38.9	20.0	37.9	18.9
17	40.8	19.2	42.1	13.9	40.2	23.5	39.4	19.4	38.5	17.2
18	40.8	21.4	40.8	14.1	39.9	22.5	39.4	19.4	37.7	18.3
19	41.5	21.8	41.7	14.5	40.6	22.7	38.9	20.0	38.8	16.9
20	41.9	19.7	43.1	15.3	40.3	22.4	40.5	20.0	39.8	18.2
21	42.7	22.1	43.4	15.8	42.4	25.5	41.6	21.1	42.6	19.2
22	44.0	22.0	43.9	15.6	43.4	26.0	42.8	21.1	41.5	20.4
23	44.8	21.3	45.2	17.3	42.7	25.6	42.8	22.8	37.0	21.8
24	39.1	21.8	38.5	14.8	38.0	23.8	38.9	22.2	33.0	17.0
25	39.1	18.8	39.1	14.3	37.5	21.0	37.2	18.9	35.4	15.8
26	39.2	20.8	38.1	14.6	36.8	21.0	36.1	19.4	31.6	19.1
27	36.5	19.0	34.7	12.2	34.0	19.0	33.9	20.0	32.2	15.4
28	31.2	19.2	27.6	14.9	28.1	17.8	33.1	19.4	26.4	15.2
29	31.7	14.5	31.8	13.2	32.4	15.5	32.2	14.4	28.6	11.5
30	35.0	20.2	33.5	12.0	33.6	22.9	35.8	18.9	30.2	14.0
MEANS	40.1	22.1	39.7	16.2	38.7	22.6	38.9	20.5	36.2	18.6

NOTE: TEMPERATURES ARE IN CENTIGRADE.

TABLE 2 -CONTINUED SEPTEMBER 1955.

DAILY MAXIMUM AND MINIMUM TEMPERATURES

DATE	HAI		DIWANIYA		NASIRIYA		BASRA		HABBANIYA	
	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	44.0	25.2	44.0	22.8	45.8	24.8	42.3	22.8	43.9	21.6
2	44.0	27.1	41.0	22.4	44.5	25.0	42.2	24.5	40.5	21.6
3	38.9	25.8	37.8	24.2	40.3	26.2	38.9	24.2	38.3	24.4
4	43.0	22.5	41.6	21.3	44.0	24.0	39.7	24.0	42.8	23.3
5	40.9	26.3	39.8	26.4	43.0	25.0	41.6	23.6	40.5	25.5
6	41.3	25.5	38.8	24.1	42.8	25.0	40.5	24.4	38.3	24.4
7	42.3	26.7	39.6	23.5	41.5	24.4	40.1	24.2	40.0	22.8
8	44.2	26.5	41.3	22.0	45.7	23.9	41.6	23.8	41.1	23.3
9	41.3	27.7	40.8	24.8	43.5	25.8	40.8	23.4	38.9	25.0
10	40.4	23.5	39.0	22.8	42.0	23.6	39.9	24.2	40.0	21.6
11	43.5	25.2	43.2	22.5	44.5	23.8	41.7	24.1	41.6	22.8
12	44.0	25.1	42.0	23.8	45.6	24.3	43.2	25.3	41.6	24.4
13	40.3	24.8	39.4	22.5	42.5	24.0	40.5	25.8	40.0	22.8
14	40.6	21.2	39.5	20.0	42.6	22.5	39.6	22.0	40.0	21.1
15	42.1	22.2	41.7	19.8	43.6	20.7	39.8	21.1	41.1	20.5
16	42.5	25.5	43.0	22.8	45.5	22.7	42.8	21.5	40.5	21.1
17	40.8	22.0	39.4	20.0	42.1	23.0	41.0	23.6	40.5	20.0
18	41.8	21.8	40.0	18.2	42.8	22.0	40.1	21.4	40.0	21.1
19	41.5	21.3	41.0	19.2	43.0	21.0	40.1	20.0	41.1	21.1
20	43.2	20.5	41.2	18.6	42.7	20.0	40.5	23.1	42.2	20.0
21	43.8	21.3	42.0	19.1	43.2	20.0	40.2	22.1	42.8	20.5
22	45.0	20.0	42.3	18.8	44.8	19.2	40.6	22.2	43.3	21.6
23	44.7	21.2	44.4	20.4	45.2	20.0	41.8	22.8	44.4	22.2
24	42.5	23.0	39.1	20.6	44.9	22.1	41.4	23.4	37.2	22.8
25	39.0	20.3	38.0	18.4	40.7	21.8	38.2	23.6	38.3	21.1
26	39.8	21.6	39.4	18.4	41.0	20.3	38.8	20.4	37.8	20.5
27	38.2	22.5	36.7	19.4	40.1	21.4	39.9	21.3	36.1	19.4
28	37.3	19.2	31.6	17.5	38.3	21.2	39.4	23.8	30.5	18.9
29	31.8	16.0	31.0	14.7	42.4	16.3	31.1	18.3	31.6	18.8
30	36.6	16.3	34.0	18.4	38.0	19.0	34.0	17.2	34.4	17.8
MEANS	41.3	22.9	39.8	20.9	42.8	22.4	40.1	22.7	39.4	21.6

NOTE: TEMPERATURES ARE IN CENTIGRADE.

SEPTEMBER 1955.

TABLE 3

MONTHLY MEAN TEMPERATURES (IN CENTIGRADE) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	26.2	23.0	29.6	37.6	39.6	36.8	29.6	27.1	31.2
MOSUL	19.7	17.3	26.7	36.7	38.7	35.6	27.0	22.7	27.0
KIRKUK	24.4	23.4	31.0	36.7	38.0	35.1	28.7	26.5	30.5
KHANAQIN	....	21.8	31.8	....	38.4	34.7	29.4	....	31.2
RUTBA	21.2	19.2	26.0	32.7	35.3	33.1	27.3	23.8	27.3
HAI	25.2	23.7	32.3	39.5	40.9	36.0	30.6	....	32.6
DIWANIYA	23.9	21.6	31.1	37.6	39.4	34.6	29.2	25.9	30.4
NASIRIYA	25.1	23.1	33.3	40.4	41.8	37.8	30.9	27.6	30.7
BASRA	25.2	23.3	30.8	37.5	39.4	34.3	29.8	27.6	31.0
HABBANIYA	24.3	22.3	28.7	36.9	39.3	36.2	29.4	26.7	30.5

TABLE 4

MONTHLY MEAN PRESSURE (IN MILLIBARS) FOR EACH 3 HOURS.

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	04.5	05.7	06.7	06.3	04.8	04.4	05.6	05.4	05.4
MOSUL	07.2	07.9	07.9	06.4	04.8	04.6	06.4	07.1	06.5
KIRKUK	05.3	05.9	05.5	04.5	03.1	03.3	05.1	05.3	04.6
KHANAQIN	....	06.6	08.8	....	09.3	09.3	08.8	....	08.6
RUTBA	07.9	08.8	09.4	08.5	07.2	07.0	07.7	08.2	08.1
HAI	03.8	04.3	05.1	04.0	03.6	03.6	04.5	....	04.1
DIWANIYA	04.0	04.8	05.8	05.4	04.0	03.7	04.6	04.5	04.6
NASIRIYA	04.0	04.7	05.7	05.0	03.7	03.7	04.7	04.5	04.5
BASRA	03.0	03.6	04.6	04.3	03.4	03.1	03.5	03.7	03.7
HABBANIYA	05.4	06.3	07.3	06.6	05.1	04.6	05.7	05.6	05.8

TABLE 5

MONTHLY MEAN RELATIVE HUMIDITY (IN PERCENTAGE) FOR EACH 3 HOURS.

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	31	37	28	16	12	18	29	30	25
MOSUL	56	64	33	22	17	23	37	48	38
KIRKUK	27	30	22	15	12	15	24	19	21
KHANAQIN	..	27	22	..	15	17	21	..	20
RUTBA	34	39	32	19	16	16	22	30	26
HAI	34	38	29	18	16	23	28	..	27
DIWANIYA	43	49	36	23	20	28	33	38	34
NASIRIYA	29	34	20	12	11	15	23	27	21
BASRA	62	63	48	36	34	45	58	60	51
HABBANIYA	42	43	34	21	17	22	32	37	31

TABLE 6 SEPTEMBER 1955.

MONTHLY MEAN VAPOUR PRESSURE (IN MILLIBARS) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	10.2	10.2	11.5	9.9	8.5	10.9	12.0	10.7	10.5
MOSUL	12.7	12.5	13.0	13.3	11.7	12.3	12.7	12.9	12.6
KIRKUK	8.3	8.6	9.8	9.0	8.0	8.1	9.2	8.8	8.7
KHANAQIN	....	6.6	8.8	....	9.3	9.3	8.8	....	8.6
RUTBA	8.6	8.8	10.4	9.5	8.8	8.7	8.1	8.8	9.0
HAI	11.1	11.0	14.0	12.3	12.2	13.5	12.0	....	12.3
DIWANIYA	12.4	12.4	15.5	14.6	13.6	15.0	14.1	12.3	13.7
NASIRIYA	9.3	9.4	10.0	8.7	8.2	9.4	10.2	9.9	9.4
BASRA	19.8	18.0	21.2	23.1	23.7	24.0	24.1	22.1	22.0
HABBANIYA	12.7	11.7	13.3	12.7	11.5	13.4	13.3	12.6	12.7

TABLE 7

MONTHLY MEAN DEW POINT (IN CENTIGRADE) FOR EACH 3 HOURS.

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	7.0	6.9	8.8	6.5	4.3	7.7	9.2	7.7	7.3
MOSUL	10.4	10.0	10.4	10.8	8.8	9.6	10.3	10.5	10.1
KIRKUK	3.9	4.1	6.5	5.1	3.3	3.7	5.5	4.8	4.6
KHANAQIN	....	2.1	5.5	....	5.7	5.5	4.9	....	4.9
RUTBA	4.4	4.5	6.8	5.6	4.7	3.8	3.5	4.7	4.7
HAI	8.5	8.2	11.8	9.6	9.5	11.2	9.5	....	9.8
DIWANIYA	9.6	10.0	13.3	12.4	11.3	12.8	11.9	10.0	11.4
NASIRIYA	5.9	5.7	6.7	4.7	3.6	5.9	7.1	6.5	5.8
BASRA	17.2	15.7	18.3	19.6	20.1	20.3	20.3	18.9	18.8

TABLE 8

MONTHLY MEAN LOW CLOUD (IN OKTAS) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MOSUL	0.2	0.2	0.1	0.3	0.6	0.3	0.3	0.2	0.3
KIRKUK	0.3	0.2	0.2	0.1	0.3	0.2	0.0	0.1	0.2
KHANAQIN	...	0.0	0.0	...	0.0	0.0	0.0	...	0.0
RUTBA	0.0	0.1	0.0	0.1	0.3	0.5	0.2	0.0	0.2
HAI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DIWANIYA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NASIRIYA	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.1
BASRA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HABBANIYA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 9

MONTHLY MEAN TOTAL CLOUD (IN OKTAS) FOR EACH 3 HOURS.

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MOSUL	0.3	0.3	0.3	0.3	0.9	0.4	0.4	0.3	0.4
KIRKUK	0.3	0.3	0.3	0.1	0.4	0.2	0.0	0.1	0.2
KHANAQIN	...	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
RUTBA	0.0	0.2	0.1	0.2	0.5	0.7	0.3	0.0	0.3
HAI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DIWANIYA	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
NASIRIYA	0.0	0.1	0.1	0.3	0.3	0.1	0.0	0.0	0.1
BASRA	0.0	0.1	0.0	0.1	0.2	0.3	0.1	0.0	0.1
HABBANIYA	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 10 SEPTEMBER 1955.

DAILY PRECIPITATION
UNIT (MILLIMETRES).

DATE	BAGHDAD	MOSUL	KIRKUK	KHANAQIN	RUTBA	HAI	DIWANIYA	NASIRIYA	BASRA	HABBANIYA
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 11 SEPTEMBER 1955.

SURFACE WIND - NUMBER OF OBSERVATIONS .

B A G H D A D

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	7	5	1	1	0	0	2	9	5	6
0300	5	1	0	0	0	0	1	18	5	6
0600	10	0	0	0	0	0	4	15	1	8
0900	8	1	0	0	0	0	2	19	0	11
1200	7	3	0	0	1	0	4	15	0	12
1500	11	1	0	0	0	1	5	10	2	7
1800	4	1	1	0	0	0	2	10	12	4
2100	4	3	1	0	0	0	2	12	8	6
TOTAL	56	15	3	1	1	1	22	108	33	8

M O S U L

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	12	1	0	0	0	0	1	4	12	5
0300	10	3	0	0	0	0	1	3	13	3
0600	8	12	6	1	0	1	1	1	0	7
0900	6	5	7	6	0	0	1	5	0	8
1200	8	1	2	1	1	1	8	8	0	9
1500	7	1	0	0	0	0	13	5	4	6
1800	6	0	1	0	0	0	7	6	10	5
2100	8	0	1	0	0	0	2	3	16	3
TOTAL	65	23	17	8	1	2	34	35	55	6

K I R K U K

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	6	14	3	0	0	0	1	3	3	5
0300	5	15	3	0	0	0	0	3	4	4
0600	10	2	2	2	2	0	2	6	4	4
0900	2	3	1	0	3	2	13	5	1	6
1200	2	1	1	0	1	6	10	9	0	8
1500	3	0	0	0	0	2	12	12	1	5
1800	5	5	0	0	1	2	6	11	1	4
2100	8	11	2	0	0	0	1	3	5	4
TOTAL	41	51	12	2	7	12	44	52	19	5

K H A N A Q I N

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	-	-	-	-	-	-	-	-	-	-
0300	1	0	13	0	0	0	1	0	15	2
0600	3	0	8	0	1	0	2	1	15	3
0900	-	-	-	-	-	-	-	-	-	-
1200	1	0	1	0	2	0	17	7	2	6
1500	3	0	0	0	0	0	12	9	6	5
1800	1	0	3	0	2	0	7	3	14	2
2100	-	-	-	-	-	-	-	-	-	-
TOTAL	9	0	25	0	5	0	39	20	52	4

TABLE 11 CONTINUED SEPTEMBER 1955.

SURFACE WIND - NUMBER OF OBSERVATIONS

R U T B A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	1	0	0	0	3	2	5	3	16	4
0300	1	0	0	1	5	6	8	1	8	5
0600	7	0	0	0	2	0	9	5	7	6
0900	3	2	3	1	4	0	7	5	5	8
1200	3	0	2	0	4	1	8	7	5	8
1500	6	1	1	1	0	2	12	5	2	8
1800	5	4	0	1	0	0	7	8	5	5
2100	2	0	0	0	1	2	6	3	16	3
TOTAL	28	7	6	4	19	13	62	37	64	6

H A I

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	0	0	1	0	1	0	18	10	0	8
0300	1	0	1	0	1	1	17	9	0	7
0600	1	0	0	1	0	2	15	9	2	4
0900	1	0	0	0	1	0	13	15	0	11
1200	1	0	0	0	2	2	10	15	0	10
1500	0	0	0	0	0	1	17	9	3	7
1800	1	0	1	0	0	1	22	5	0	7
2100	-	-	-	-	-	-	-	-	-	-
TOTAL	5	0	3	1	5	7	112	72	5	8

D I W A N I Y A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	11	1	2	0	0	0	12	2	2	7
0300	9	0	0	0	0	1	15	1	4	6
0600	13	0	0	0	0	0	11	4	2	8
0900	15	0	0	0	0	0	10	3	2	3
1200	15	0	0	0	0	0	10	4	1	4
1500	11	0	0	0	0	0	9	5	5	6
1800	11	1	0	0	0	0	14	2	2	6
2100	11	1	1	0	0	0	12	3	2	6
TOTAL	96	3	3	0	0	1	93	24	20	7

TABLE 11 CONTINUED

SEPTEMBER 1955.

SURFACE WIND - NUMBER OF OBSERVATIONS.

N A S I R I Y A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	9	1	0	0	1	1	5	13	0	8
0300	4	0	0	1	3	1	11	10	0	8
0600	6	0	1	0	1	3	2	17	0	11
0900	12	0	0	0	0	2	3	13	0	12
1200	10	0	0	0	0	0	9	11	0	14
1500	14	1	2	0	0	0	0	13	0	9
1800	8	0	2	0	2	0	6	12	0	8
2100	12	0	1	0	3	0	4	10	0	8
TOTAL	75	2	6	1	10	7	40	99	0	10

B A S R A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	2	0	0	0	0	2	6	19	1	6
0300	0	1	1	0	0	1	14	9	4	4
0600	6	1	0	0	0	0	8	13	2	7
0900	4	0	0	0	0	0	1	23	2	9
1200	4	0	0	0	0	0	2	24	0	10
1500	2	0	0	0	0	0	7	21	0	6
1800	4	1	0	0	0	0	5	18	2	6
2100	5	0	0	0	0	0	2	19	4	7
TOTAL	27	3	1	0	0	3	45	146	15	7

H A B B A N I Y A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	7	0	0	0	0	0	0	12	11	4
0300	3	0	0	0	0	0	0	17	10	5
0600	15	1	0	0	0	0	0	12	2	9
0900	7	2	0	0	0	1	1	17	2	10
1200	7	2	0	0	2	3	0	15	1	10
1500	9	0	0	0	1	2	2	14	2	7
1800	5	0	2	0	1	0	0	12	10	4
2100	4	3	0	2	0	0	0	10	11	5
TOTAL	57	8	2	2	4	6	3	109	49	7

REMARKS : 1- ALL TIMES ARE G.M.T.

2- C - MEANS CALM

V.K. MEANS WIND VELOCITY IN KNOTS.

STATION INDEX

STATION	LATITUDE	LONGITUDE	Hs	Hb	ha
MOSUL	36 19 N.	43 09 E.	222.6 m.	223.5 m.	13.1 m.
KIRKUK	35 28 N.	44 24 E.	330.8 m.	331.7 m.	8.2 m.
KHANAQIN	34 18 N.	45 26 E.	201.2 m.	202.1 m.	6.1 m.
BAGHDAD	33 20 N.	44 24 E.	34.1 m.	40.4 m.	17.1 m.
HABBANIYA	33 22 N.	43 34 E.	43.6 m.	44.5 m.	14.3 m.
RUTBA	33 02 N.	40 17 E.	615.5 m.	616.4 m.	16.1 m.
HAI	32 10 N.	46 03 E.	14.9 m.	16.1 m.	7.9 m.
DIWANIYA	31 59 N.	44 59 E.	20.4 m.	21.0 m.	5.8 m.
NASIRIYA	31 01 N.	46 14 E.	3.0 m.	3.7 m.	8.8 m.
BASRA	30 34 N.	47 47 E.	2.4 m.	13.7 m.	23.5 m.

EXPLANATION OF SYMBOLS :-

Hs - Height of station above M.S.L.
Hb - Height of barometer cistern above M.S.L.
ha - Height of anemometer above the ground.

NOTES ON TABLES

Mean Air Pressure :- is expressed in millibars, the initial 9 or 10 being omitted. One millibar equals 1000 dynes per sq.cm. All mean pressures are reduced to mean sea level.

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

HUMIDITY :- The values given depend on the readings of the dry and wet bulb thermometers in Stevenson screens.

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

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

Clear days are those on which the average cloud amount at all observation hours is 0 or 1 OKTA. Cloudy days those on which the average cloud amount is 7 or 8 OKTAS.

WIND: Days of wind force ≥ 6 ≥ 8 are those on which the wind equals or exceeds those values at observation hours only, where force 6 equals 22 to 27 Knots. and force 8 equals 34 to 40 Knots. V.K. is the mean wind speed in Knots.

G.M.T. = equals Local time Minus 3 hours.

مطبوعات مكتبة

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وزارة المواصلات والاتصالات
مديرية الانواء الجوية
المبنى الحكومي - بغداد
العدد
التاريخ

الحكومـــــــة العراقيـة

وزارة المواصـــــلات والاشغـــــال

مديريـــــة الطيران المدنـــي العـــامة

الانـــــــواء الجويـــة

احصائيـــات المنـــاخ للقطر العراقي

GOVERNMENT OF IRAQ

MINISTRY OF COMMUNICATION AND WORKS

DIRECTORATE GENERAL OF CIVIL AVIATION

METEOROLOGICAL DEPARTMENT

CLIMATOLOGICAL DATA

FOR IRAQ

OCTOBER-1955 تشرين الاول ١٩٥٥

BAGHDAD-IRAQ بغـــداد ـ عـراق

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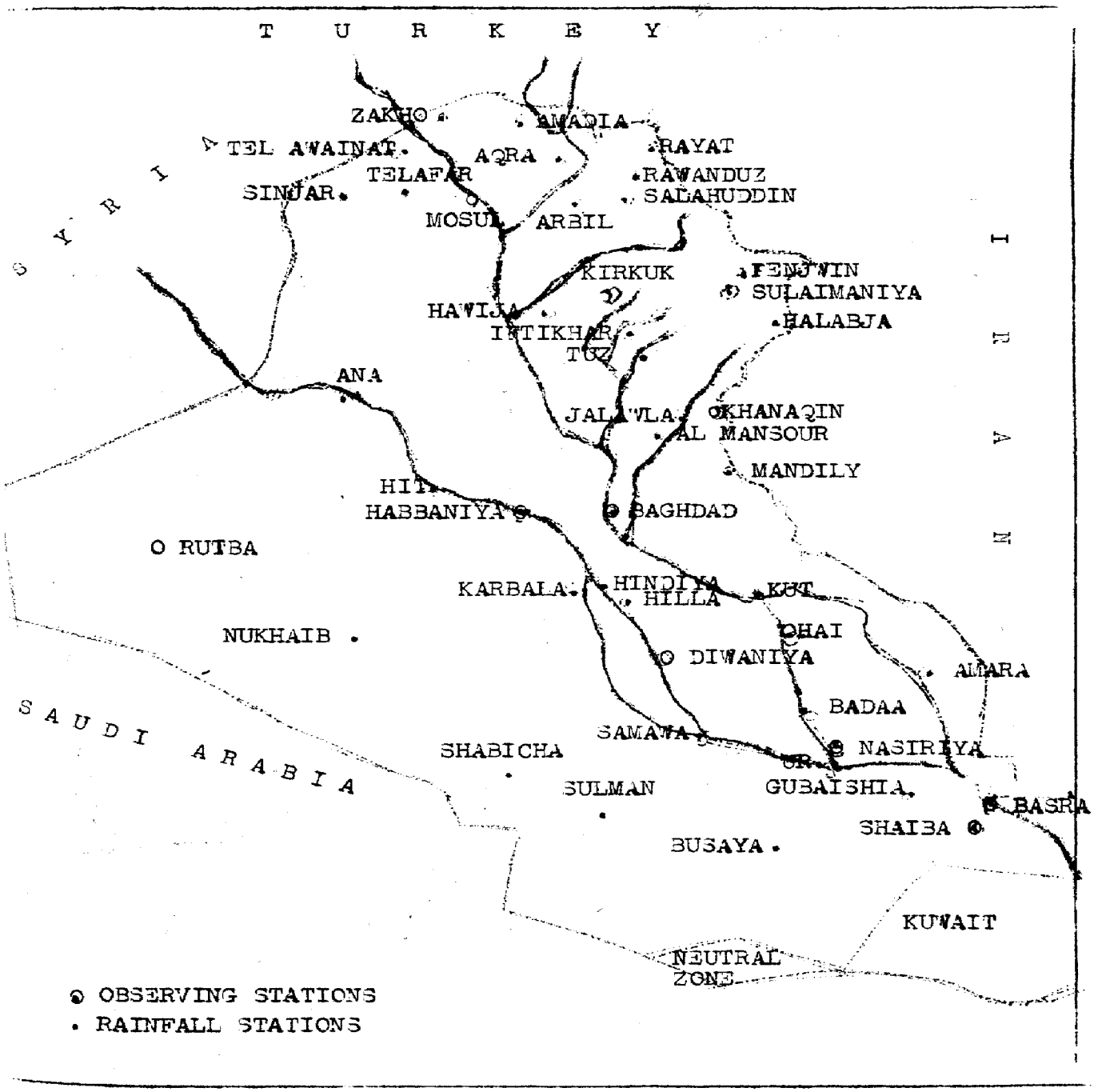
Prepared and Published
by the Climatological Section
at Baghdad-Airport.

MAP SHOWING METEOROLOGICAL AND RAINFALL STATION OF IRAQ



CLIMATOLOGICAL SECTION
BAGHDAD

CLIMATOLOGICAL SUMMARY

STATION	PRECIPITATION					
	TOTAL	DEPARTURE FROM NORMAL	MAX.FALL	DATE	No. OF DAY NOT LESS THAN 1.0mm.	No. OF DAY NOT LESS THAN 10.0mm.
BAGHDAD	0.0	3.1	0.0	-	0	0
MOSUL	0.0	7.9	0.0	-	0	0
KIRKUK	0.0	4.4	0.0	-	0	0
KHANAQIN	0.0	6.1	0.0	-	0	0
RUTBA	0.0	5.2	0.0	-	0	0
HAI	TR.	1.6	TR.	7th.	0	0
DIWANIYA	0.0	0.9	0.0	-	0	0
NASIRIYA	TR.	1.8	TR.	29th.	0	0
BASRA	TR.	0.9	TR.	29th.	0	0
HABBANIYA	0.0	2.3	0.0	-	0	0

NUMBER OF CASES OF:-

STATION	RAIN	SNOW	HAIL	THUNDERSTORM	FOG	DUST	CLEAR	CLOUDY	WIND FORCE 6	WIND FORCE 8
BAGHDAD	0	0	0	0	0	1	27	0	0	0
MOSUL	0	0	0	0	0	0	23	0	0	0
KIRKUK	0	0	0	0	0	1	25	1	1	0
KHANAQIN	0	0	0	0	0	0	25	1	0	0
RUTBA	0	0	0	0	0	0	23	1	0	0
HAI	0	0	0	0	0	0	26	0	0	0
DIWANIYA	0	0	0	0	0	0	28	0	0	0
NASIRIYA	0	0	0	0	0	0	28	0	0	0
BASRA	0	0	0	0	0	0	27	0	0	0
HABBANIYA	0	0	0	0	0	0	25	0	0	0

ADDITIONAL DATA

STATION	SUNSHINE HOURS	TEMPERATURES				
		GRASS MIN.	OF EARTH 1 FT.	OF EARTH 4 FT.	MIN.LESS THAN 15C.	MAX.MORE THAN 38 C.
BAGHDAD	314.4	....	30.0	30.3	13	2
MOSUL	303.9	8.2	25.0	27.9	28	1
KIRKUK	.....	....	24.5	27.0	4	1
KHANAQIN	.....	....	....	....	11	1
RUTBA	.....	....	....	....	23	0
HAI	.....	....	....	....	10	8
DIWANIYA	.....	....	....	....	17	3
NASIRIYA	.....	....	....	....	17	4
BASRA	305.0	....	....	....	7	2
HABBANIYA	318.6	12.9	27.9	29.3	13	2

TABLE 2 OCTOBER 1955.

DAILY MAXIMUM AND MINIMUM TEMPERATURES

DATE	BAGHDAD		MOSUL		KIRKUK		KHANAQIN		RUTBA	
	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	35.9	16.7	34.9	11.6	36.0	20.4	36.1	10.5	32.0	16.4
2	37.0	16.1	35.3	11.7	35.3	18.7	35.5	16.6	33.8	14.2
3	36.7	18.4	36.9	11.9	37.0	19.9	36.9	16.1	35.7	15.7
4	38.7	19.1	37.7	12.9	37.4	21.4	38.0	17.2	37.6	16.5
5	39.9	17.4	39.4	13.6	38.6	21.7	37.2	17.2	32.4	18.0
6	36.7	18.3	34.4	14.6	35.4	20.5	37.2	18.9	29.3	15.0
7	35.2	19.6	32.1	11.5	32.8	19.7	34.4	17.8	28.4	14.4
8	34.3	17.9	34.3	13.7	32.8	18.2	33.3	16.6	35.0	14.2
9	35.1	15.1	35.9	11.2	35.4	17.7	35.0	15.6	32.6	13.0
10	36.3	15.8	36.6	11.9	34.3	19.4	34.4	16.1	33.0	13.4
11	33.8	16.0	31.3	17.7	31.2	22.5	32.8	21.9	32.0	13.8
12	34.0	14.9	32.6	16.3	32.6	19.1	38.3	22.8	36.0	11.8
13	35.7	14.2	33.9	8.9	34.2	19.9	32.8	17.2	31.4	10.9
14	35.0	14.1	34.7	7.2	34.2	18.5	32.8	15.0	33.2	13.0
15	35.2	12.4	35.1	9.6	35.0	19.2	34.7	15.0	35.0	15.0
16	36.2	15.7	36.6	9.4	36.3	18.8	36.1	15.0	35.1	16.1
17	37.6	15.9	37.3	11.6	36.4	18.6	35.5	16.7	35.6	17.2
18	36.6	15.2	37.9	12.4	36.6	19.5	36.1	16.1	34.9	14.2
19	36.0	15.4	34.1	11.2	35.8	19.4	35.8	16.6	32.6	14.1
20	35.0	15.5	34.6	10.8	34.2	18.0	34.4	15.5	29.5	12.4
21	34.9	13.4	35.3	8.8	33.6	17.9	33.3	13.9	30.8	13.2
22	34.8	12.5	35.0	8.8	33.6	17.4	33.3	13.3	32.5	14.1
23	33.8	10.8	33.5	9.1	32.7	15.6	33.3	11.7	32.5	11.5
24	35.8	13.0	34.4	6.1	33.2	15.9	33.3	13.3	30.6	13.5
25	34.4	11.7	35.0	7.6	33.2	19.2	32.2	13.9	30.6	11.1
26	34.5	10.9	33.7	6.9	32.4	15.2	31.7	13.3	31.8	11.2
27	34.4	12.8	31.8	6.5	32.0	13.9	31.1	12.2	32.0	10.3
28	32.5	12.0	28.4	6.9	31.2	13.6	30.0	12.2	26.6	15.9
29	31.7	15.5	30.1	14.9	29.6	19.5	31.1	16.6	25.0	14.3
30	29.5	15.3	28.3	9.9	27.9	14.6	28.9	13.9	25.0	11.3
31	29.2	11.8	27.8	7.9	27.6	13.4	27.2	11.9	26.0	9.9
MEANS	35.0	15.0	34.2	10.7	33.8	18.3	34.0	15.7	31.9	13.7
HIGHEST MAX.	39.9		39.4		38.6		38.3		37.6	
DATE	5th.		5th.		5th.		12th.		4th.	
LOWEST MIN.	10.8		6.1		13.4		10.5		9.9	
DATE	23rd.		24th.		31st.		1st.		31st.	

NOTE: TEMPERATURES ARE IN CENTIGRADE.

TABLE 2- CONTINUED OCTOBER 1955.

DAILY MAXIMUM AND MINIMUM TEMPERATURES

DATE	HAI		DIWANIYA		NASIRIYA		BASRA		HABBANIYA	
	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	36.6	15.8	34.6	15.6	37.0	18.1	34.9	17.9	35.5	16.6
2	38.0	16.6	36.1	14.3	38.0	18.0	36.1	16.2	36.6	17.2
3	38.5	17.5	36.6	17.3	38.8	15.7	37.2	16.2	36.6	19.4
4	40.0	18.4	38.8	16.5	39.5	18.5	37.5	18.5	38.9	17.8
5	40.0	19.5	39.6	18.5	40.7	19.0	38.7	17.3	38.3	17.8
6	40.0	20.0	39.4	16.0	41.3	18.3	38.3	19.7	35.0	19.4
7	39.3	20.3	37.6	22.4	37.7	21.4	37.8	18.8	35.0	17.2
8	35.3	20.3	33.5	18.5	36.6	19.3	36.0	21.2	33.3	18.3
9	36.2	19.2	34.5	16.0	35.9	18.6	34.7	19.1	35.0	17.2
10	35.9	16.5	35.5	15.0	36.5	16.7	35.2	17.9	35.5	18.3
11	35.8	16.3	35.0	16.7	36.7	18.4	35.0	17.9	33.9	15.6
12	35.0	15.2	32.8	13.2	34.4	16.0	32.8	16.8	32.2	15.0
13	36.5	15.6	35.3	15.0	34.7	12.7	33.4	16.1	35.0	14.4
14	35.7	19.3	35.6	14.4	36.1	14.4	34.9	15.4	34.4	13.9
15	35.7	14.8	35.0	12.6	36.2	14.6	34.2	16.0	35.0	13.9
16	37.6	14.0	36.5	15.4	36.8	12.0	37.2	15.6	37.2	16.6
17	38.8	15.7	36.8	14.0	37.4	13.2	37.7	17.2	37.8	16.6
18	38.3	16.8	36.6	13.3	37.8	15.2	34.9	16.7	36.6	16.1
19	38.4	14.3	35.0	13.0	36.7	14.2	36.1	16.9	35.5	16.6
20	35.6	16.3	34.8	16.1	36.7	17.3	37.2	16.1	33.3	17.8
21	35.3	16.6	35.5	14.0	35.5	13.8	34.3	16.8	32.8	13.3
22	35.9	14.4	35.9	14.0	36.0	13.7	33.7	15.7	33.3	12.2
23	34.5	15.9	32.8	11.5	35.7	14.2	33.8	15.1	33.3	11.6
24	34.5	14.3	33.6	13.0	35.8	12.0	34.0	13.1	33.3	16.1
25	34.6	14.4	33.1	12.8	34.8	13.4	32.9	14.9	32.2	13.9
26	33.3	13.5	32.[illegible]	13.3	33.3	13.4	32.2	14.2	32.8	11.6
27	33.8	15.5	32.5	12.2	33.3	13.3	32.2	13.6	32.2	11.1
28	32.6	12.9	33.0	11.6	33.3	11.4	31.3	13.4	34.4	11.6
29	32.0	11.5	33.0	12.5	32.8	14.7	33.9	14.6	32.2	17.8
30	30.7	12.7	29.6	15.2	32.8	14.0	35.1	16.8	28.3	14.4
31	28.5	15.2	28.2	11.2	30.2	14.2	29.2	14.9	27.2	12.8
MEANS	35.9	16.1	34.8	14.7	36.1	15.5	34.9	16.5	34.3	15.6
HIGHEST MAX.	40.[illegible]		39.6		41.3		38.7		38.9	
DATE	4,5,6th.		5th.		6th.		5th.		4th.	
LOWEST MIN.	11.5		11.2		11.4		13.1		11.1	
DATE	29th.		31st.		28th.		24th.		27th.	

NOTE : TEMPERATURES ARE IN CENTIGRADE.

TABLE 3 OCTOBER 1955.

MONTHLY MEAN TEMPERATURES (IN CENTIGRADE) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	18.5	15.9	23.5	32.2	34.4	29.1	23.3	20.6	24.7
MOSUL	13.3	11.9	20.5	31.5	33.2	26.1	18.9	15.6	21.4
KIRKUK	20.6	19.3	26.9	32.2	32.8	27.5	23.1	21.3	25.5
KHANAQIN	....	16.3	26.2	....	33.1	28.4	23.4	....	25.5
RUTBA	16.2	14.4	20.4	29.0	30.8	27.5	21.3	18.2	22.2
HAI	18.6	17.0	24.2	32.5	34.8	28.5	23.6	....	25.8
DIWANIYA	17.1	15.4	24.9	32.8	34.2	27.7	22.5	19.4	24.3
NASIRIYA	17.9	16.7	24.9	33.9	35.2	29.2	24.0	20.6	25.2
BASRA	19.0	17.2	24.5	32.3	33.8	27.7	23.8	21.1	24.9
HABBANIYA	18.1	16.2	22.5	31.5	33.9	28.3	22.8	20.1	26.0

TABLE 4

MONTHLY MEAN PRESSURE (IN MILLIBARS) FOR EACH 3 HOURS.

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	12.0	12.5	13.6	12.9	11.4	11.4	12.3	12.4	12.3
MOSUL	14.4	15.0	15.3	13.4	11.7	12.1	13.8	13.8	13.7
KIRKUK	12.1	12.7	12.6	11.2	10.1	10.0	12.3	12.4	11.7
KHANAQIN	....	12.6	11.6	....	10.0	10.5	12.0	....	11.5
RUTBA	14.1	15.0	16.0	14.8	13.3	13.6	15.4	14.2	14.6
HAI	11.2	11.6	12.1	12.0	10.8	10.9	11.7	....	11.5
DIWANIYA	11.2	11.8	12.9	12.0	10.7	10.8	11.6	11.6	11.6
NASIRIYA	11.4	11.9	13.0	12.0	10.7	10.8	11.8	11.7	11.7
BASRA	10.7	11.1	12.3	11.6	10.7	10.7	11.2	11.1	11.2
HABBANIYA	12.3	12.9	14.1	13.2	11.6	11.6	12.6	12.6	12.6

TABLE 5

MONTHLY MEAN RELATIVE HUMIDITY (IN PERCENTAGE) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	43	48	34	21	16	39	38	41	33
MOSUL	67	69	43	25	22	39	54	59	47
KIRKUK	29	31	22	16	14	19	27	29	23
KHANAQIN	..	29	21	..	15	18	22	..	21
RUTBA	35	39	31	21	17	21	27	31	28
HAI	43	45	35	22	19	33	38	..	34
DIWANIYA	49	56	39	24	22	32	41	48	39
NASIRIYA	39	41	29	18	16	26	33	38	30
BASRA	69	68	54	36	32	47	62	68	52
HABBANIYA	45	48	34	20	16	29	37	41	34

TABLE 6 OCTOBER 1955.

MONTHLY MEAN VAPOUR PRESSURE (IN MILLIBARS) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	8.9	8.5	9.5	9.5	8.4	11.4	10.4	9.5	9.5
MOSUL	10.2	9.6	10.3	11.5	11.4	12.9	11.8	10.5	11.0
KIRKUK	6.9	6.9	7.9	7.5	6.8	6.9	7.5	6.9	7.2
KHANAQIN	....	5.4	7.0	....	7.7	7.6	6.4	....	6.8
RUTBA	6.4	6.5	7.2	7.8	7.3	7.5	6.8	6.3	7.0
HAI	9.2	8.8	10.9	11.4	10.8	12.7	11.0	....	10.7
DIWANIYA	9.7	9.8	12.1	12.0	11.5	11.6	11.2	10.4	11.0
NASIRIYA	8.3	7.6	9.3	9.3	8.8	10.4	9.7	9.2	9.1
BASRA	15.3	13.6	16.6	17.2	17.1	17.3	18.4	17.2	16.6
HABBANIYA	9.5	8.9	9.4	9.0	8.2	11.2	10.2	9.7	9.5

TABLE 7

MONTHLY MEAN DEW POINT (IN CENTIGRADE) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	5.1	4.4	6.0	5.9	4.0	8.5	7.1	6.0	6.0
MOSUL	7.0	6.2	7.0	8.7	8.5	10.3	9.2	7.5	8.1
KIRKUK	1.4	1.5	3.3	2.5	1.2	1.3	2.6	2.1	2.0
KHANAQIN	....	0.8	2.3	....	3.5	3.1	1.7	....	2.3
RUTBA	0.2	-0.3	1.3	2.7	1.8	2.6	1.1	0.1	1.2
HAI	5.5	4.8	8.0	8.7	7.8	10.3	8.1	....	7.6
DIWANIYA	6.2	6.3	9.5	9.5	8.6	8.9	8.9	7.5	8.2
NASIRIYA	3.8	2.6	5.4	5.6	4.7	7.2	6.2	5.6	5.1
BASRA	12.9	11.0	14.2	14.9	14.9	15.0	16.0	14.8	14.2

TABLE 8

MONTHLY MEAN LOW CLOUD (IN OKTAS) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
MOSUL	0.3	0.4	0.5	0.4	0.7	0.6	0.2	0.2	0.4
KIRKUK	0.4	0.5	0.4	0.4	0.4	0.4	0.2	0.3	0.4
KHANAQIN	...	0.4	0.2	...	0.3	0.1	0.1	...	0.2
RUTBA	0.1	0.6	0.1	0.1	0.7	0.7	0.4	0.3	0.4
HAI	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
DIWANIYA	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0
NASIRIYA	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0
BASRA	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
HABBANIYA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 9

MONTHLY MEAN TOTAL CLOUD (IN OKTAS) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	0.4	0.7	0.8	0.7	0.7	1.1	0.7	0.5	0.6
MOSUL	0.7	0.9	1.5	1.0	1.5	1.3	0.7	0.5	1.0
KIRKUK	0.5	0.8	1.0	1.0	0.9	0.9	0.6	0.6	0.8
KHANAQIN	...	0.8	0.9	...	1.1	0.7	0.3	...	0.7
RUTBA	0.3	0.9	0.7	0.9	1.4	1.4	0.6	0.5	0.8
HAI	0.3	0.7	0.7	0.8	0.9	0.9	0.7	...	0.7
DIWANIYA	0.1	0.4	0.5	0.7	0.6	0.9	0.7	0.3	0.5
NASIRIYA	0.3	0.6	0.5	0.6	0.8	1.0	0.7	0.6	0.6
BASRA	0.3	0.4	0.5	0.7	1.0	0.8	0.5	0.4	0.6
HABBANIYA	0.2	0.7	0.7	0.9	0.9	1.1	0.7	0.3	0.7

TABLE 10 OCTOBER 1955.

DAILY PRECIPITATION
UNIT (MILLIMETRES).

DATE	BAG-HDAD	MOSUL	KIR-KUK	KHAN-AQIN	RUTBA	HAI	DIWA-NIYA	NASIR-IYA	BAS-RA	HABBA-NIYA
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	TR.	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	TR.	TR.	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	0.0	0.0	0.0	0.0	0.0	TR.	0.0	TR.	TR.	0.0

REMARK :- TRACE OF RAIN (TR.) IS LESS THAN 0.05 mms.

TABLE 11 OCTOBER 1955.

SURFACE WIND - NUMBER OF OBSERVATIONS.

B A G H D A D

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	5	1	1	1	0	0	1	17	5	5
0300	2	2	0	0	0	0	4	17	6	4
0600	7	1	1	0	0	0	6	12	4	6
0900	9	0	2	0	1	2	5	12	0	9
1200	8	1	0	1	0	2	6	12	1	8
1500	6	0	2	0	0	0	4	6	13	3
1800	1	0	0	2	0	0	2	14	12	3
2100	6	0	0	1	0	0	2	13	9	4
TOTAL	44	5	6	5	1	4	30	103	50	5

M O S U L

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	2	3	1	2	0	0	2	2	19	2
0300	6	1	2	0	0	0	1	2	19	2
0600	12	7	4	0	1	0	0	7	0	5
0900	7	4	6	4	2	1	1	4	2	5
1200	6	6	7	0	3	0	2	2	5	2
1500	3	1	1	1	1	1	6	2	15	2
1800	2	1	1	2	1	0	5	4	15	3
2100	3	3	2	1	1	0	1	2	18	2
TOTAL	41	26	24	10	9	2	18	25	93	3

K I R K U K

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	3	19	8	0	0	1	0	0	0	5
0300	5	12	9	0	0	0	2	1	2	5
0600	4	10	8	1	1	2	1	1	3	5
0900	6	1	3	1	6	5	4	2	3	5
1200	2	0	3	1	5	4	5	7	4	5
1500	5	1	0	1	1	6	9	7	1	4
1800	6	16	4	0	0	0	1	4	0	5
2100	5	19	5	0	0	0	0	2	0	5
TOTAL	36	78	40	4	13	18	22	24	13	5

K H A N A Q I N

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	-	-	-	-	-	-	-	-	-	-
0300	0	0	17	0	2	0	0	0	12	2
0600	0	2	10	0	4	0	0	0	15	3
0900	-	-	-	-	-	-	-	-	-	-
1200	1	0	1	0	4	0	16	6	3	5
1500	4	0	0	0	3	0	13	4	7	4
1800	1	0	7	0	0	0	1	0	22	1
2100	-	-	-	-	-	-	-	-	-	-
TOTAL	6	2	35	0	13	0	30	10	59	3

TABLE 11-CONTINUED

OCTOBER 1955.

SURFACE WIND - NUMBER OF OBSERVATIONS

R U T B A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	1	0	1	0	4	7	5	0	13	3
0300	0	0	0	0	9	2	9	1	10	3
0600	0	0	0	0	3	11	6	1	10	4
0900	1	0	0	1	4	1	8	4	12	4
1200	2	0	1	1	6	2	7	6	6	6
1500	6	1	3	0	3	0	4	6	8	4
1800	2	2	3	2	3	0	4	3	12	3
2100	0	0	1	2	7	1	5	0	15	3
TOTAL	12	3	9	6	39	24	48	21	86	4

H A I

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	1	0	1	0	0	1	19	6	3	4
0300	3	0	0	1	1	1	19	2	4	4
0600	0	1	3	1	3	1	8	11	3	3
0900	2	0	3	1	2	1	12	9	1	5
1200	3	0	0	3	1	1	13	10	0	5
1500	1	0	1	1	0	0	15	6	7	3
1800	0	0	1	1	0	1	18	5	5	4
2100	-	-	-	-	-	-	-	-	-	-
TOTAL	10	1	9	8	7	6	104	49	23	4

D I W A N I Y A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	6	0	0	0	0	1	18	2	4	6
0300	6	0	0	0	0	1	15	2	7	5
0600	6	1	0	0	0	1	16	3	4	6
0900	8	0	0	1	1	1	12	3	5	8
1200	9	0	1	1	0	0	13	6	1	7
1500	6	0	2	0	0	0	11	8	4	4
1800	5	2	2	0	0	0	15	2	5	4
2100	6	0	0	2	0	0	17	1	5	4
TOTAL	52	3	5	4	1	4	117	27	35	6

TABLE 11-CONTINUED

OCTOBER 1955.

SURFACE WIND - NUMBER OF OBSERVATIONS

N A S I R I Y A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	5	0	1	0	1	0	17	7	0	7
0300	2	0	1	0	2	3	22	1	0	8
0600	1	2	0	0	1	2	11	14	0	8
0900	3	0	1	0	1	2	4	20	0	9
1200	13	1	1	0	0	0	8	8	0	8
1500	9	0	4	0	0	0	10	4	4	6
1800	8	1	1	1	2	0	5	13	0	6
2100	7	1	1	0	5	1	6	10	0	6
TOTAL	48	5	10	1	12	8	83	77	4	7

B A S R A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	0	1	0	0	3	4	8	9	6	3
0300	0	0	1	1	0	1	20	1	7	3
0600	0	0	2	0	0	1	14	10	4	3
0900	2	0	0	0	3	2	8	13	3	5
1200	5	0	1	0	1	2	7	13	2	6
1500	0	1	1	1	0	1	11	11	5	3
1800	2	0	0	1	5	0	9	7	7	3
2100	1	1	1	1	3	3	4	11	6	3
TOTAL	10	3	6	4	15	14	81	75	40	4

H A B B A N I Y A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	3	1	0	0	0	1	0	9	17	2
0300	1	0	0	0	0	1	3	13	13	4
0600	4	0	0	1	1	0	2	18	5	6
0900	5	0	1	0	1	2	2	19	1	8
1200	4	0	1	1	4	2	2	16	1	9
1500	6	0	1	0	2	0	0	16	6	4
1800	2	0	0	1	0	0	2	13	13	3
2100	2	0	0	0	0	0	4	10	16	3
TOTAL	26	1	3	3	8	6	15	114	72	5

REMARKS . 1- ALL TIMES ARE G.M.T.

2- C - MEANS CALM.

V.K. - MEANS WIND VELOCITY IN KNOTS.

STATION INDEX

STATION	LATITUDE	LONGITUDE	Hs	Hb	ha
MOSUL	36 19 N.	43 09 E.	222.6 m.	223.5 m.	13.1 m.
KIRKUK	35 28 N.	44 24 E.	330.8 m.	331.7 m.	8.2 m.
KHANAQIN	34 18 N.	45 26 E.	201.2 m.	202.1 m.	6.1 m.
BAGHDAD	33 20 N.	44 24 E.	34.1 m.	40.4 m.	17.1 m.
HABBANIYA	33 22 N.	43 34 E.	43.6 m.	44.5 m.	14.9 m.
RUTBA	33 02 N.	40 17 E.	615.5 m.	616.4 m.	16.1 m.
HAI	32 10 N.	46 03 E.	14.9 m.	16.1 m.	7.9 m.
DIWANIYA	31 59 N.	44 59 E.	20.4 m.	21.0 m.	5.8 m.
NASIRIYA	31 01 N.	46 14 E.	3.0 m.	3.7 m.	8.8 m.
BASRA	30 34 N.	47 47 E.	2.4 m.	13.7 m.	23.5 m.

EXPLANATION OF SYMBOLS :-

Hs - Height of station above M.S.L.
Hb - Height of barometer cistern above M.S.L.
ha - Height of anemometer above the ground.

NOTES ON TABLES

Mean Air Pressure :- is expressed in millibars, the initial 9 or 10 being omitted. One millibar equals 1000 dynes per sq.cm. All mean pressures are reduced to mean sea level.

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

HUMIDITY :- The values given depend on the readings of the dry and wet bulb thermometers in Stevenson screens.

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

WEATHER :- Days of fog or dust are thus on which the range of visio 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 those on which the average cloud amount is 7 or 8 OKTAS.

WIND: Days of wind force ≥ 6 ≥ 8 are those on which the wind equals or exceeds those values at observation hours only, where force 6 equals 22 to 27 Knots. and force 8 equals 34 to 40 Knots. V.K. is the mean wind speed in Knots.

G.M.T. = equals Local time Minus 3 hours.

Director
United States Weather Bureau,
2400th and N Streets, N.W.
WASHINGTON 25 D.C. (U.S.A.)

الحكومـــــة العـــراقيـــة

وزارة المـــواصلات والاشغـــال

مديريـــة الطيـــران المدني العـــامة

الانـــواء الجويـــة

احصائيـــات المناخ للقطر العـــراقي

GOVERNMENT OF IRAQ

MINISTRY OF COMMUNICATION AND WORKS

DIRECTORATE GENERAL OF CIVIL AVIATION

METEOROLOGICAL DEPARTMENT

CLIMATOLOGICAL DATA

FOR IRAQ

NOVEMBER-1955 تشرين الثاني ـ ١٩٥٥

BAGHDAD IRAQ بغـــداد ـ عـــراق

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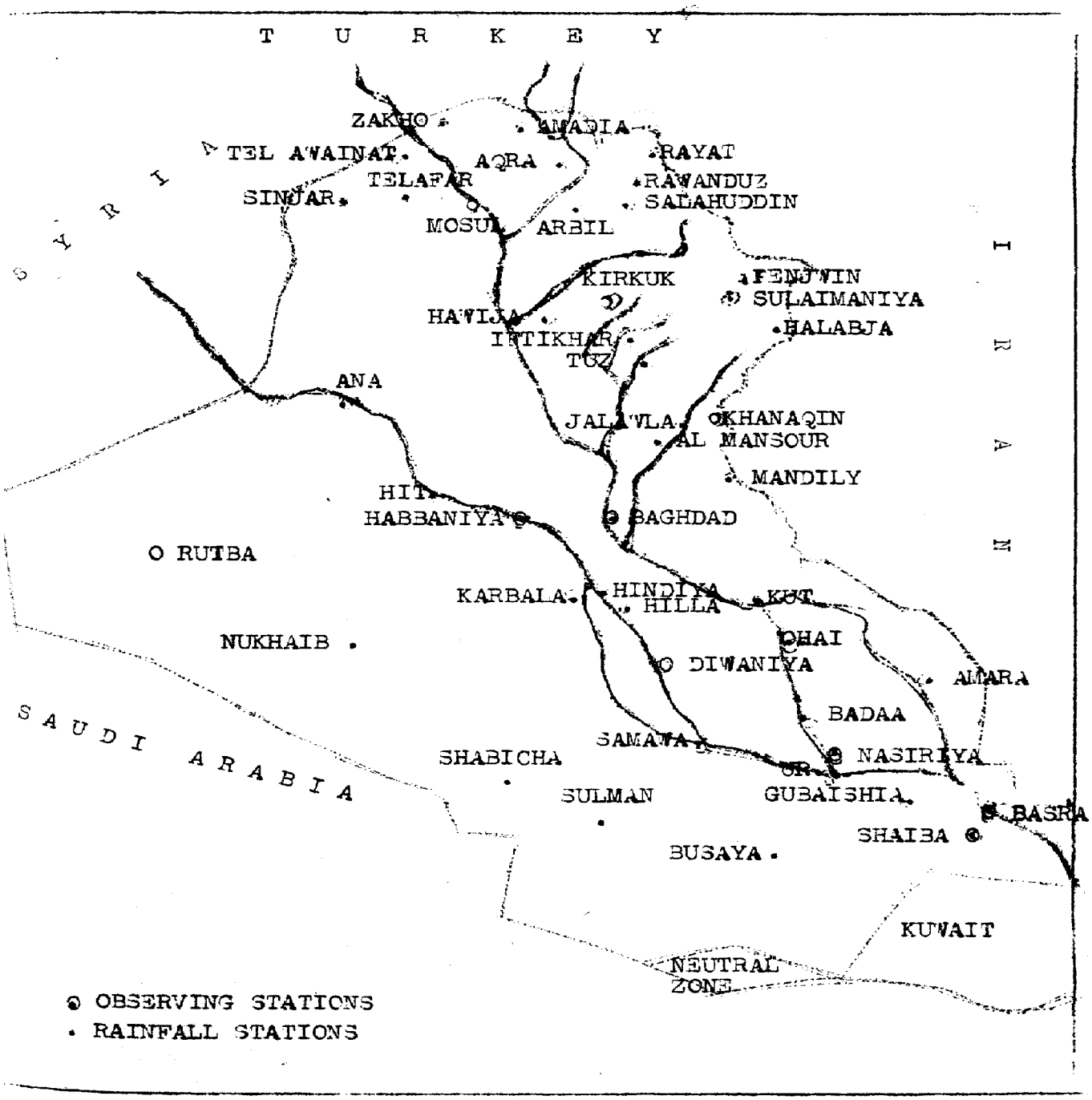
Prepared and Published
by the Climatological Section
at Baghdad-Airport.

MAP SHOWING METEOROLOGICAL AND RAINFALL STATION OF IRAQ



CLIMATOLOGICAL SECTION
BAGHDAD

TABLE 1

NOVEMBER 1955.

CLIMATOLOGICAL SUMMARY

STATION	PRECIPITATION TOTAL	DEPARTURE FROM NORMAL	MAX.FALL	DATE	No. OF DAYS NOT LESS THAN 1.0mm.	No. OF DAYS NOT LESS THAN 10.0mms.
BAGHDAD	12.5	19.9	6.7	8th.	3	0
MOSUL	41.7	47.1	10.2	23rd.	8	1
KIRKUK	28.7	40.0	16.7	23rd.	5	1
KHANAQIN	18.8	31.9	11.6	9th.	6	1
KUTBA	21.4	12.2	6.0	9th.	6	0
RAI	9.0	11.5	4.6	12th.	2	0
HIWANIYA	2.9	12.3	2.2	11th.	1	0
NASIRIYA	12.3	24.6	8.2	29th.	3	0
BASRA	2.2	32.8	0.7	13th.	0	0
RABBANIYA	13.3	15.5	11.7	8th.	1	1

NUMBER OF CASES OF :-

STATION	RAIN	SNOW	HAIL	THUNDERSTORM	FOG	DUST	CLEAR	CLOUDY	WIND FORCE 6	WIND FORCE 8
BAGHDAD	4	0	0	2	3	4	8	1	0	0
MOSUL	10	0	0	0	8	0	7	7	0	0
KIRKUK	9	0	0	3	0	0	8	7	0	0
KHANAQIN	7	0	0	2	1	0	5	6	3	0
KUTBA	8	0	0	2	1	0	8	2	2	0
RAI	3	0	0	3	0	0	8	0	2	0
HIWANIYA	2	0	0	5	0	0	12	0	1	0
NASIRIYA	5	0	0	4	0	0	8	0	2	0
BASRA	6	0	0	2	1	0	8	1	1	0
RABBANIYA	4	0	0	2	0	0	9	3	0	0

ADDITIONAL DATA

STATION	SUNSHINE HOURS	TEMPERATURES GRASS MIN.	OF EARTH 1 FR.	OF EARTH 4 FT.	No. OF DAYS MIN. LESS THAN 10 C.	No. OF DAYS MAX. MORE THAN 27 C.
BAGHDAD	249.3	....	18.0	22.2	10	8
MOSUL	164.0	4.0	17.3	23.5	24	6
KIRKUK	.....	....	18.4	22.8	12	6
KHANAQIN	.....	....	....	....	10	9
KUTBA	.....	....	....	....	21	2
RAI	.....	....	....	....	7	18
HIWANIYA	.....	....	....	....	8	13
NASIRIYA	.....	....	....	....	4	18
BASRA	227.9	....	....	....	1	20
RABBANIYA	245.0	9.3	22.6	26.4	12	6

TABLE 2 NOVEMBER 1955.

DAILY MAXIMUM AND MINIMUM TEMPERATURES

	BAGHDAD		MOSUL		KIRKUK		KHANAQIN		RUTBA	
DATE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	29.7	10.2	28.0	7.2	28.2	12.4	27.8	10.6	24.8	10.4
2	30.4	15.3	28.8	6.3	27.6	14.2	27.5	12.8	25.6	8.9
3	29.3	12.3	29.1	5.1	28.2	13.8	27.2	11.7	25.1	8.9
4	29.5	11.2	29.9	5.3	30.7	13.2	29.2	11.1	27.4	8.9
5	31.0	11.1	29.3	6.2	28.9	12.8	29.4	12.2	27.4	13.2
6	30.7	12.6	31.0	6.7	29.8	13.8	29.4	10.6	26.1	13.0
7	24.6	17.3	23.4	15.3	18.0	15.3	22.8	13.3	17.0	14.3
8	26.8	14.0	25.9	13.6	24.4	13.4	27.8	15.7	19.5	8.9
9	23.0	15.4	21.2	13.1	17.8	15.0	21.4	16.7	23.0	8.8
10	27.9	11.9	18.4	9.3	20.1	11.6	24.1	13.3	17.9	13.2
11	24.8	13.9	21.1	7.7	23.1	12.9	25.5	14.4	21.0	10.0
12	18.1	14.2	20.0	10.9	20.9	13.5	21.4	13.3	18.6	10.4
13	20.0	11.3	19.3	10.4	20.6	10.2	22.8	12.8	18.5	8.3
14	22.6	7.3	20.0	8.3	21.3	9.1	21.1	10.0	20.1	7.8
15	22.8	8.0	20.3	4.4	21.4	8.1	21.7	7.8	19.1	6.7
16	22.6	7.1	21.3	4.0	23.6	7.3	22.8	6.6	18.9	6.4
17	21.7	9.4	22.1	3.6	24.4	7.4	22.2	6.1	19.5	6.4
18	23.2	8.8	23.4	1.5	25.2	7.3	23.3	6.6	20.0	6.8
19	24.7	7.7	21.1	3.1	23.3	7.9	26.7	8.3	22.0	6.6
20	24.6	9.0	22.3	2.0	23.2	9.5	22.8	8.3	21.6	7.7
21	24.3	9.3	23.0	3.3	23.8	11.4	23.9	10.0	21.6	6.1
22	26.5	10.0	19.0	6.3	21.3	11.1	23.9	10.6	22.0	9.1
23	25.9	10.5	14.0	11.2	15.2	12.1	23.9	13.9	20.8	10.0
24	20.4	13.5	16.2	8.3	16.2	9.8	18.3	14.4	14.5	7.0
25	21.0	10.3	14.5	1.1	16.1	4.5	19.4	5.0	18.0	4.6
26	21.5	10.7	17.9	-0.8	18.2	6.1	20.0	3.9	19.0	7.1
27	24.5	7.6	20.6	2.6	20.9	8.4	22.8	5.0	21.0	7.6
28	27.3	12.5	19.9	5.6	22.9	10.6	28.9	8.3	22.3	5.7
29	24.5	15.0	15.6	9.3	15.9	13.9	27.8	15.0	16.6	8.6
30	20.6	7.9	13.3	8.5	16.8	9.8	21.1	12.8	15.2	5.6
MEANS	24.8	11.2	21.7	6.6	22.3	10.9	24.2	10.7	20.8	8.6
HIGHEST MAX.	31.0		31.0		30.7		29.4		27.4	
DATE	5th.		6th.		4th.		5,6th.		4,5th.	
LOWEST MIN.	7.1		-0.8		4.5		3.9		4.6	
DATE	16th.		26th.		25th.		26th.		25th.	

NOTE: TEMPERATURES ARE IN CENTIGRADE .

TABLE 2-CONTINUED. NOVEMBER 1955.

DAILY MAXIMUM AND MINIMUM TEMPERATURES.

DATE	HAI		DIWANIYA		NASIRIYA		BASRA		HABBANIYA	
	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	29.3	12.6	29.7	12.0	30.6	11.2	29.3	12.1	29.4	12.8
2	29.9	12.5	30.4	14.2	31.9	12.2	30.6	14.7	30.0	15.5
3	30.1	14.7	28.6	12.1	30.8	12.7	29.7	14.5	28.3	13.9
4	30.0	13.3	28.5	11.6	30.2	13.1	28.9	13.2	28.9	12.8
5	32.4	13.3	29.6	10.9	30.8	11.2	30.6	11.9	29.4	13.3
6	33.0	12.7	29.0	10.4	31.4	11.2	30.6	11.8	31.1	12.2
7	28.7	11.6	27.2	14.0	29.7	12.7	28.9	13.8	26.6	17.8
8	28.8	13.8	29.6	14.4	31.7	16.7	27.8	17.2	26.1	13.3
9	28.4	16.1	30.0	16.8	31.0	18.2	32.9	16.9	24.4	20.5
10	31.2	13.7	31.4	14.0	30.0	15.2	32.2	18.3	25.5	13.9
11	30.2	15.3	27.6	15.4	31.5	15.7	33.9	16.1	22.2	12.8
12	27.5	17.4	24.3	16.0	31.0	17.9	33.3	18.5	21.1	12.8
13	25.7	13.5	23.5	11.7	27.1	14.1	23.8	17.1	21.6	10.5
14	23.2	9.6	23.0	8.3	22.8	11.4	22.4	15.1	23.3	9.4
15	24.2	10.6	24.0	10.0	25.8	8.7	23.9	14.8	22.2	8.9
16	23.5	9.7	22.6	9.8	25.8	11.3	25.4	12.9	21.6	7.8
17	24.0	9.5	23.5	9.8	26.2	10.6	25.4	11.9	21.6	8.3
18	27.3	11.5	26.0	10.5	28.1	11.5	27.7	11.8	23.3	9.4
19	30.4	11.5	27.0	8.7	29.4	12.3	29.6	10.8	25.0	8.3
20	27.1	11.8	26.0	10.7	29.3	12.2	32.6	15.1	24.4	8.3
21	23.6	10.3	24.3	8.0	25.1	13.8	26.0	14.3	21.6	9.4
22	27.7	10.2	24.3	9.2	26.8	14.6	32.9	16.6	24.4	9.4
23	27.4	12.6	28.0	10.6	25.8	12.3	27.8	13.4	25.5	13.3
24	22.6	12.8	21.0	11.0	24.1	16.2	28.2	19.5	18.9	12.2
25	22.9	8.6	23.0	5.0	23.6	6.4	22.4	10.6	21.6	9.4
26	23.2	8.6	23.5	9.4	26.8	9.6	24.3	10.8	23.3	6.6
27	25.3	7.9	24.8	7.5	26.8	6.7	25.3	8.4	21.6	7.2
28	28.8	8.8	30.4	9.0	29.8	11.4	31.0	10.0	26.6	10.0
29	26.8	12.4	21.4	12.4	32.5	14.7	32.0	15.0	23.9	12.8
30	23.7	11.7	22.0	10.5	22.8	16.0	26.6	17.9	19.4	10.0
MEANS	27.2	12.0	26.1	11.1	28.3	12.7	28.5	14.2	24.4	11.3
HIGHEST MAX.	33.0		31.4		32.5		33.9		31.1	
DATE	6th.		10th.		29th.		11th.		6th.	
LOWEST MIN.	7.9		5.0		6.4		8.4		6.6	
DATE	27th.		25th.		25th.		27th.		26th.	

TABLE 3 NOVEMBER 1955.

MONTHLY MEAN TEMPERATURES (IN CENTIGRADE) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	13.7	12.5	16.0	22.2	24.1	19.7	16.6	14.6	17.4
MOSUL	8.7	7.9	12.0	18.5	20.5	15.1	11.9	9.8	13.1
KIRKUK	12.8	11.8	16.3	20.4	20.8	16.9	14.3	13.2	15.8
KHANAQIN	....	11.9	16.9	....	23.4	19.8	15.9	....	17.5
RUTBA	10.2	9.3	12.2	17.7	20.0	16.4	13.4	11.6	13.9
HAI	13.6	13.0	18.9	25.4	26.3	20.9	17.5	....	19.4
DIWANIYA	13.1	13.1	17.7	24.4	25.6	20.0	18.5	13.3	18.2
NASIRIYA	15.0	13.6	19.7	26.3	27.4	22.2	18.7	16.6	19.9
BASRA	16.5	14.8	19.8	26.3	27.1	22.5	19.7	17.8	20.6
HABBANIYA	13.2	12.0	14.2	22.3	23.8	19.4	16.4	14.4	17.1

TABLE 4

MONTHLY MEAN PRESSURE (IN MILLIBARS) FOR EACH 3 HOURS.

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	16.6	16.8	18.1	17.2	15.7	15.9	16.8	16.9	16.7
MOSUL	18.2	18.4	19.1	17.9	16.3	17.0	18.0	18.4	17.9
KIRKUK	16.7	17.1	17.5	16.2	15.2	16.1	16.9	17.1	16.6
KHANAQIN	....	17.3	16.8	....	14.8	15.6	16.7	....	16.3
RUTBA	17.2	18.1	19.1	18.0	16.4	15.4	18.5	17.8	17.6
HAI	12.9	16.4	17.3	16.3	15.0	15.9	16.3	....	15.7
DIWANIYA	15.7	15.6	17.3	15.5	14.6	15.0	15.5	15.6	15.6
NASIRIYA	15.5	16.0	17.4	16.1	17.8	15.2	16.0	15.9	15.9
BASRA	15.1	15.4	16.5	15.7	14.6	14.8	15.3	15.4	15.6
HABBANIYA	16.7	17.0	18.3	17.3	15.7	16.0	16.9	17.0	16.9

TABLE 5

MONTHLY MEAN RELATIVE HUMIDITY (IN PERCENTAGE) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	69	72	63	45	38	52	62	68	59
MOSUL	87	89	75	57	51	71	79	86	74
KIRKUK	69	68	58	47	45	56	64	69	60
KHANAQIN	..	63	50	..	33	43	53	..	48
RUTBA	75	79	68	47	41	55	67	72	63
HAI	68	69	57	40	38	50	57	..	59
DIWANIYA	67	69	59	40	34	51	56	61	55
NASIRIYA	58	64	49	34	30	41	51	55	48
BASRA	80	84	71	53	50	63	71	76	68
HABBANIYA	71	73	64	42	36	52	60	67	58

TABLE 6 NOVEMBER 1955.

MONTHLY MEAN VAPCUR PRESSURE (IN MILLIBARS) FOR EACH 3 HOURS.

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	10.7	10.4	11.2	11.5	10.7	11.7	11.5	11.1	11.1
MOSUL	9.6	9.7	10.3	11.6	11.6	12.3	11.0	10.5	10.5
KIRKUK	9.6	9.5	10.5	10.7	10.3	10.3	10.3	10.0	10.2
KHANAQIN	....	8.9	9.4	....	9.5	10.2	9.6	....	9.5
RUTBA	9.3	9.2	9.6	9.7	9.0	10.1	10.3	9.4	9.6
HAI	10.6	10.6	12.3	13.0	12.7	12.5	11.5	....	11.8
DIWANIYA	9.9	9.3	11.8	12.1	12.1	11.1	11.0	10.3	11.0
NASIRIYA	10.2	10.3	11.4	11.4	11.1	11.1	11.1	11.0	11.0
BASRA	15.2	14.4	16.5	18.1	17.9	17.3	16.4	15.7	16.4
HABBANIYA	10.7	10.3	11.2	11.1	10.5	11.7	11.1	10.9	10.9

TABLE 7

MONTHLY MEAN DEW POINT (IN CENTIGRADE) FOR EACH 3 HOURS

STATION	0000	0200	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	7.5	7.0	8.1	8.5	7.4	8.8	8.6	8.0	8.0
MOSUL	6.5	6.0	7.1	8.9	8.8	9.7	8.1	7.3	7.8
KIRKUK	6.0	5.7	7.1	7.3	6.7	6.9	7.0	6.5	6.6
KHANAQIN	...	4.8	5.6	...	5.8	5.7	6.8	...	5.7
RUTBA	5.6	5.4	5.6	6.1	5.4	6.7	7.0	6.6	6.1
HAI	7.5	7.3	9.8	10.4	10.0	9.9	8.7	...	9.1
DIWANIYA	4.9	6.4	8.9	9.7	9.3	9.3	8.0	7.0	7.9
NASIRIYA	6.8	6.7	8.3	8.2	7.9	8.1	8.0	7.3	7.5
BASRA	12.9	12.0	14.1	15.4	15.3	14.8	14.0	13.3	13.9

TABLE 8

MONTHLY MEAN LOW CLOUD (IN OKTAS) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	0.5	0.5	0.9	0.9	0.6	0.6	0.2	0.3	0.6
MOSUL	2.2	2.8	2.5	2.5	2.7	2.7	1.9	1.6	2.4
KIRKUK	1.8	1.9	2.1	2.2	2.5	2.0	1.3	1.5	1.9
KHANAQIN	...	2.3	2.5	...	1.6	1.1	2.2	...	1.9
RUTBA	1.3	1.6	1.6	2.4	3.0	3.3	2.0	1.5	2.1
HAI	0.6	0.8	0.7	0.6	0.7	0.5	0.6	...	0.6
DIWANIYA	0.2	0.3	1.1	0.8	0.8	0.7	0.5	0.4	0.6
NASIRIYA	0.9	1.6	1.1	0.9	1.2	1.5	1.1	0.7	1.1
BASRA	0.4	1.0	0.7	0.9	1.0	0.8	0.2	0.3	0.7
HABBANIYA	0.5	0.3	0.5	0.4	0.8	0.4	0.2	0.3	0.4

TABLE 9

MONTHLY MEAN TOTAL CLOUD (IN OKTAS) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	2.4	3.1	3.9	3.5	3.1	3.1	1.9	2.2	2.9
MOSUL	3.3	4.0	4.6	4.8	4.7	4.3	3.2	2.9	4.0
KIRKUK	3.0	3.9	4.0	4.1	4.2	3.6	2.5	2.8	3.5
KHANAQIN	...	3.6	4.4	...	2.4	4.1	3.3	...	3.6
RUTBA	2.4	2.9	3.8	3.8	4.3	4.4	2.5	2.2	3.3
HAI	2.0	2.9	3.3	3.2	3.0	2.7	1.8	...	2.7
DIWANIYA	1.3	2.3	2.9	2.7	2.9	2.4	1.6	1.0	2.1
NASIRIYA	2.6	3.2	2.8	3.0	3.1	3.9	2.5	2.2	2.9
BASRA	1.9	3.2	3.0	3.2	3.5	2.5	1.9	2.1	2.7
HABBANIYA	2.6	2.7	3.3	2.7	2.9	3.0	2.3	2.3	2.7

TABLE 10 NOVEMBER 1955.

DAILY PRECIPITATION
UNIT (MILLIMETRES).

DATE	BAG-HDAD	MOSUL	KIR-KUK	KHAN-AQIN	RUTBA	HAI	DIWA-NIYA	NASIR-IYA	BAS-RA	HABBA-NIYA
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	TR.
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	TR.	1.6	1.2	0.0	1.0	0.0	0.0	0.0	0.0	TR.
7	1.8	1.3	1.3	1.5	0.5	0.2	TR.	0.6	0.0	0.7
8	6.7	0.0	TR.	3.6	0.3	4.0	TR.	0.7	0.1	11.7
9	0.0	1.1	0.9	11.6	6.0	TR.	0.0	TR.	0.3	TR.
10	0.0	1.2	0.5	0.0	4.5	0.0	0.0	0.0	0.0	0.0
11	0.3	0.9	0.0	1.0	4.0	0.0	2.2	0.0	0.0	0.4
12	3.7	7.5	0.4	0.7	3.8	4.6	0.0	0.4	0.2	0.1
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	TR.	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	TR.	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	TR.	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.8	0.0	0.0	0.0	0.1	TR.	TR.	0.0	0.0
22	0.0	2.5	2.6	0.0	TR	0.0	0.0	0.0	0.0	0.0
23	TR.	10.2	16.7	0.0	TR.	0.0	0.0	2.4	0.2	0.4
24	0.0	0.0	0.0	0.0	TR.	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	TR.	0.0	0.9	0.0	TR.	0.0	0.0	0.0	0.0	TR.
29	TR.	9.1	4.2	0.2	1.5	0.1	0.7	8.2	0.5	0.0
30	0.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
TOTAL	12.5	41.7	28.7	18.8	21.6	9.0	2.9	12.3	2.2	13.3

NOTE: TRACE OF RAIN (TR.) IS LESS THAN 0.05 mms.

TABLE 11

NOVEMBER 1955.

SURFACE WIND - NUMBER OF OBSERVATIONS.

B A G H D A D

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	8	1	4	1	0	2	3	8	3	6
0300	2	2	4	1	1	0	4	12	4	6
0600	2	4	1	1	2	0	4	13	3	6
0900	9	2	2	1	4	0	2	10	0	10
1200	8	4	3	1	1	2	0	10	1	10
1500	8	0	3	1	2	1	2	9	4	5
1800	5	2	2	1	2	0	1	8	9	5
2100	5	2	4	1	2	0	3	6	7	6
TOTAL	47	17	23	8	14	5	19	76	31	7

M O S U L

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	3	2	1	1	2	0	1	3	17	2
0300	5	0	0	2	4	0	2	2	15	2
0600	12	0	3	3	1	0	3	6	2	5
0900	6	6	5	3	3	0	2	5	0	6
1200	6	7	3	4	2	2	3	3	0	7
1500	6	2	5	2	2	0	6	0	8	4
1800	3	4	2	2	0	0	5	4	10	3
2100	5	0	3	0	2	0	2	2	16	2
TOTAL	46	21	22	17	16	2	23	25	68	4

K I R K U K

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	1	20	4	3	1	0	0	0	1	5
0300	2	15	7	2	2	0	0	0	2	5
0600	2	6	5	5	2	0	2	2	6	4
0900	5	1	1	3	6	2	5	4	3	5
1200	1	2	2	3	3	5	8	5	1	5
1500	7	7	2	0	1	4	3	5	1	4
1800	3	14	5	2	2	0	0	1	3	4
2100	2	16	6	1	2	0	0	1	2	5
TOTAL	23	81	32	19	19	11	18	18	19	5

K H A N A Q I N

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	-	-	-	-	-	-	-	-	-	-
0300	0	0	12	0	6	1	0	0	11	5
0600	0	3	6	3	3	0	3	0	12	4
0900	-	-	-	-	-	-	-	-	-	-
1200	3	0	10	0	2	1	1	1	12	5
1500	2	0	1	1	4	1	12	8	1	8
1800	3	0	4	0	1	3	8	3	8	6
2100	-	-	-	-	-	-	-	-	-	-
TOTAL	8	3	33	4	16	6	24	12	44	6

TABLE 11-CONTINUED

NOVEMBER 1955.

SURFACE WIND - NUMBER OF OBSERVATIONS

R U T B A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	0	1	1	0	5	3	8	1	11	4
0300	0	0	1	0	5	3	2	0	19	2
0600	0	1	1	0	8	3	2	0	15	3
0900	0	1	4	6	1	5	4	2	7	7
1200	3	2	3	4	2	1	7	3	5	7
1500	4	2	9	2	2	1	4	2	4	6
1800	2	1	6	2	1	3	3	0	12	5
2100	0	2	2	4	3	3	3	0	13	4
TOTAL	9	10	27	18	27	22	33	8	86	5

H A I

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	0	0	6	1	0	1	11	8	3	7
0300	0	2	6	1	1	0	15	4	1	5
0600	3	0	9	1	0	1	15	1	0	6
0900	4	0	3	3	2	0	12	5	1	8
1200	2	0	3	2	3	0	14	5	1	7
1500	2	0	5	0	1	1	10	8	3	5
1800	0	1	3	2	2	0	14	7	1	6
2100	-	-	-	-	-	-	-	-	-	-
TOTAL	11	3	35	10	9	3	91	38	10	6

D I W A N I Y A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	5	2	2	3	0	0	8	2	5	6
0300	10	2	4	1	1	0	6	2	4	6
0600	10	0	3	2	0	1	10	1	3	7
0900	10	2	0	1	3	1	7	2	4	7
1200	9	4	0	3	1	1	7	2	3	4
1500	10	1	2	2	0	0	8	2	5	5
1800	8	1	1	6	0	0	6	6	2	8
2100	13	2	3	3	1	0	4	3	1	8
TOTAL	78	14	15	21	6	3	56	20	27	6

TABLE 11-CONTINUED NOVEMBER 1955.

SURFACE WIND - NUMBER OF OBSERVATIONS

N A S I R I Y A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	9	4	3	1	5	0	3	4	1	8
0300	7	2	4	3	3	0	8	3	0	8
0600	5	3	2	3	4	0	7	5	1	7
0900	8	0	3	3	5	1	4	6	0	9
1200	15	1	5	0	1	0	3	4	1	8
1500	17	0	3	4	0	0	3	2	1	6
1800	9	1	5	3	1	0	3	8	0	7
2100	13	1	4	3	1	0	3	3	2	7
TOTAL	83	12	29	20	20	1	34	35	6	8

B A S R A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	3	2	5	3	0	1	2	10	4	4
0300	4	1	5	2	1	1	6	7	3	5
0600	1	2	5	3	1	0	4	10	4	5
0900	8	0	3	3	3	1	4	5	3	7
1200	8	1	2	2	3	0	4	7	3	7
1500	4	2	1	3	3	0	5	10	2	6
1800	7	3	3	3	0	0	4	7	3	5
2100	3	2	4	1	1	0	2	13	4	5
TOTAL	38	13	28	20	12	3	31	69	26	6

H A B B A N I Y A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	2	1	3	1	2	1	3	7	10	3
0300	2	1	2	0	1	1	5	9	9	4
0600	2	3	4	0	1	0	4	12	4	6
0900	7	3	1	4	3	1	1	6	4	8
1200	3	4	3	1	4	2	2	10	1	8
1500	5	3	2	1	4	1	3	6	5	5
1800	4	2	5	1	2	1	0.	5	10	4
2100	4	1	3	2	1	0	3	8	8	3
TOTAL	29	18	23	10	18	7	21	63	51	5

REMARKS : 1- ALL TIMES ARE G.M.T.
2- C - MEANS CALM.
V.K. - MEAN WIND VELOCITY IN KNOTS.

STATION INDEX

STATION	LATITUDE	LONGITUDE	Hs	Hb	ha
MOSUL	36 19 N.	43 09 E.	222.6 m.	223.5 m.	13.1 m.
KIRKUK	35 28 N.	44 24 E.	330.8 m.	331.7 m.	8.2 m.
KHANAQIN	34 18 N.	45 26 E.	201.2 m.	202.1 m.	6.1 m.
BAGHDAD	33 20 N.	44 24 E.	34.1 m.	40.4 m.	17.1 m.
HABBANIYA	33 22 N.	43 34 E.	43.6 m.	44.5 m.	14.9 m.
RUTBA	33 02 N.	40 17 E.	615.5 m.	616.4 m.	16.1 m.
HAI	32 10 N.	46 03 E.	14.9 m.	16.1 m.	7.9 m.
DIWANIYA	31 59 N.	44 59 E.	20.4 m.	21.0 m.	5.8 m.
NASIRIYA	31 01 N.	46 14 E.	3.0 m.	3.7 m.	8.8 m.
BASRA	30 34 N.	47 47 E.	2.4 m.	13.7 m.	23.5 m.

EXPLANATION OF SYMBOLS :-

Hs - Height of station above M.S.L.
Hb - Height of barometer cistern above M.S.L.
ha - Height of anemometer above the ground.

NOTES ON TABLES

Mean Air Pressure :- is expressed in millibars, the initial 9 or 10 being omitted. One millibar equals 1000 dynes per sq.cm. All mean pressures are reduced to mean sea level.

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

HUMIDITY :- The values given depend on the readings of the dry and wet bulb thermometers in Stevenson screens.

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

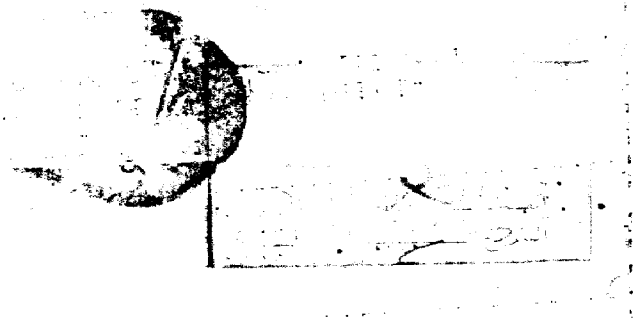
WEATHER :- Days of fog or dust are thus on which the range of vision is less than 1000 meters at any time of the day.

Clear days are those on which the average cloud amount at all observation hours is 0 or 1 OKTA. Cloudy days those on which the average cloud amount is 7 or 8 OKTAS.

WIND: Days of wind force $\geq$ 6 $\geq$ 8 are those on which the wind equals or exceeds those values at observation hours only, where force 6 equals 22 to 27 Knots. and force 8 equals 34 to 40 Knots. V.K. is the mean wind speed in Knots.

G.M.T. = equals Local time Minus 3 hours.

Director
United States Weather Bureau,
2400th and M Streets, N.W.
WASHINGTON 25 D.C. (U.S.A.)



الحكومـــة العـراقيـــه

وزارة المواصـــلات والاشغـــال

مـديريـة الطيران المدني العـــامـة

الانواء الجويـــة

احصائيـــات المناخ للقطـــر العـــراقي

GOVERNMENT OF IRAQ
MINISTRY OF COMMUNICATION AND WORKS
DIRECTORATE GENERAL OF CIVIL AVIATION
METEOROLOGICAL DEPARTMENT
CLIMATOLOGICAL DATA
FOR IRAQ

DECEMBER-1955 كانون الاول ـــ ١٩٥٥

BAGHDAD IRAQ بغـــداد ـــ عـــراق

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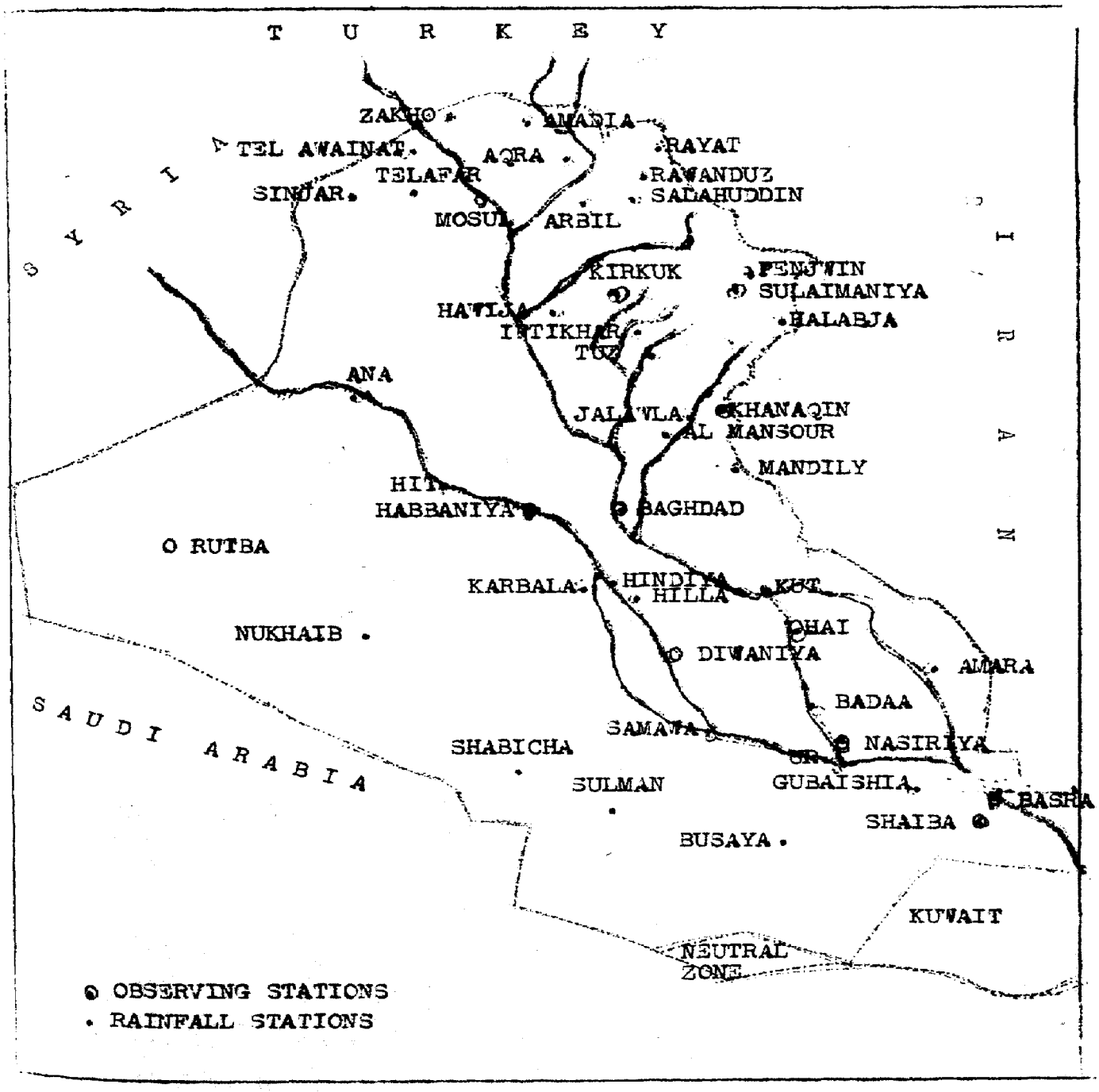
Prepared and Published
by the Climatological Section
at Baghdad-Airport.

MAP SHOWING METEOROLOGICAL AND RAINFALL STATION OF IRAQ



CLIMATOLOGICAL SECTION
BAGHDAD

CLIMATOLOGICAL SUMMARY

ATION	PRECIPITATION TOTAL	DEPARTURE FROM NORMAL	MAX. FALL	DATE	No. OF DAYS NOT LESS THAN 1.0mm.	No. OF DAYS NOT LESS THAN 10.0mms.
GHDAD	27.5	1.2	14.4	25th.	3	1
SUL	100.7	36.4	35.5	25th.	8	4
RKUK	93.9	19.9	37.1	25th.	7	3
ANAQIN	93.6	33.6	26.5	3rd.	6	3
TBA	2.7	-19.4	2.1	15th.	1	0
I	30.8	1.1	9.9	24th.	8	0
WANIYA	35.0	10.1	10.9	11th.	7	1
SIRIYA	23.0	-5.8	9.6	10th.	6	0
SRA	54.9	26.1	17.0	30th.	6	3
BBANIYA	34.5	14.0	15.0	7th.	5	2

NUMBER OF CASES OF :-

ATION	RAIN	SNOW	HAIL	THUNDERSTORM	FOG	DUST	CLEAR	CLOUDY	WIND FORCE 6	WIND FORCE 8
GHDAD	6	0	0	1	11	0	10	6	4	0
SUL	10	0	0	1	8	0	3	6	3	0
RKUK	10	0	0	0	2	0	4	7	1	0
ANAQIN	10	0	0	1	0	0	5	9	2	0
TBA	2	0	0	0	2	0	4	0	3	0
I	8	0	0	0	2	0	10	5	0	0
WANIYA	7	0	0	0	1	0	10	6	4	0
SIRIYA	9	0	0	0	0	0	9	6	2	0
SRA	8	0	1	0	6	0	11	1	2	0
BBANIYA	6	0	0	1	1	1	9	5	6	0

ADDITIONAL DATA

ATION	SUNSHINE HOURS	TEMPERATURE GRASS MIN.	OF EARTH 1 FT.	OF EARTH 4 FT.	No. OF DAYS MIN. LESS THAN 2	No. OF DAYS MAX. MORE THAN 21
GHDAD	187.9	....	14.5	19.8	2	2
SUL	137.4	2.3	12.1	18.6	6	0
RKUK	.....	....	12.8	17.5	0	0
ANAQIN	.....	....	....	....	0	0
TBA	.....	....	....	....	5	0
I	.....	....	....	....	2	8
WANIYA	.....	....	....	....	4	8
SIRIYA	.....	....	....	....	2	9
SRA	207.7	....	....	....	0	7
BBANIYA	201.6	4.5	17.1	22.5	2	0

DAILY MAXIMUM AND MINIMUM TEMPERATURES

	BAGHDAD		MOSUL		KIRKUK		KHANAQIN		RUTBA	
DATE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	19.9	5.4	13.9	5.8	16.7	4.6	19.4	5.0	15.3	4.1
2	15.1	5.2	18.6	1.6	18.1	4.2	18.3	4.4	11.9	1.6
3	13.8	9.6	12.5	4.8	16.3	9.9	15.0	12.2	9.4	5.3
4	15.8	3.8	14.1	2.7	13.9	5.8	13.3	7.8	11.6	-0.4
5	16.2	1.3	15.6	-1.1	15.2	4.8	15.0	8.9	13.5	-1.3
6	16.8	0.9	15.0	-0.2	13.2	4.6	14.4	3.9	16.0	1.4
7	13.3	4.7	13.7	4.6	14.3	4.3	11.1	3.6	14.0	4.3
8	11.5	8.9	14.5	7.3	10.3	8.2	11.1	8.3	12.0	0.4
9	16.4	3.8	10.8	2.8	11.3	8.0	12.8	8.3	13.7	2.1
10	15.5	3.7	11.6	3.9	11.9	5.3	13.3	3.3	14.5	5.7
11	14.8	8.2	17.9	-0.6	14.8	4.2	16.1	3.9	11.5	2.0
12	17.2	7.3	16.6	1.7	15.7	7.4	16.7	4.7	16.2	4.1
13	20.2	4.1	17.0	4.7	17.0	6.6	17.8	4.1	18.0	4.0
14	20.5	6.8	17.3	7.8	14.7	6.6	15.0	7.2	17.3	5.5
15	20.2	8.9	15.6	9.2	15.8	9.7	18.3	6.1	16.0	3.0
16	21.2	6.3	16.9	6.1	19.2	7.7	20.0	6.1	14.2	6.7
17	21.4	8.2	15.5	7.2	15.9	7.5	17.8	8.9	15.0	4.0
18	18.1	10.6	13.3	8.8	12.7	5.8	16.7	10.6	17.0	6.8
19	21.9	7.2	16.1	7.6	13.8	8.3	16.1	7.8	19.0	6.3
20	18.0	3.8	15.6	3.6	15.2	4.8	16.4	4.4	19.8	4.8
21	19.8	3.2	15.5	2.4	17.4	5.3	17.2	3.3	19.6	7.0
22	20.9	4.7	17.5	3.1	17.9	6.6	19.4	4.4	18.3	8.0
23	18.7	5.0	16.6	2.5	18.2	5.4	18.9	4.4	17.5	6.3
24	20.0	10.0	18.3	1.1	16.9	9.2	19.4	8.9	13.7	2.5
25	17.3	13.6	12.9	8.4	14.9	11.4	17.2	11.1	19.2	8.6
26	20.2	13.8	16.1	9.2	16.1	10.7	17.8	12.2	15.5	4.3
27	20.2	10.3	15.1	7.9	18.4	8.2	20.0	8.9	16.6	3.3
28	18.8	11.8	16.4	7.7	15.1	9.6	15.6	9.7	17.1	7.5
29	17.5	7.8	14.1	7.9	16.5	8.2	17.2	8.6	15.4	3.7
30	19.6	6.1	14.2	3.9	16.1	7.8	17.2	6.1	12.8	3.4
31	17.2	6.5	14.9	3.4	14.9	5.8	16.1	7.2	14.2	3.7
MEANS	18.0	6.8	15.3	4.7	15.4	7.0	16.5	6.9	15.3	4.1
HIGHEST MAX.	21.9		18.6		19.2		20.0		19.8	
DATE	19th.		2nd.		16th.		16 & 27th.		20th.	
LOWEST MIN.	0.9		-1.1		4.2		3.3		-1.3	
DATE	6th.		5th.		2nd & 11th.		10th & 21st.		5th.	

NOTE: TEMPERATURES ARE IN CENTIGRADE.

TABLE 2- CONTINUED DECEMBER 1955.

DAILY MAXIMUM AND MINIMUM TEMPERATURES

	HAI		DIWANIYA		NASIRIYA		BASRA		HABBANIYA	
DATE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	21.7	8.9	20.2	5.8	20.1	8.5	21.3	14.4	19.4	5.5
2	16.3	10.3	14.2	11.0	20.5	12.0	23.1	12.2	14.4	5.0
3	15.9	11.7	13.0	10.8	18.0	11.7	19.5	13.6	12.2	9.4
4	14.5	6.1	14.2	3.5	15.2	7.2	16.4	9.8	14.4	4.4
5	20.8	1.0	16.7	-2.3	16.0	0.8	16.7	3.1	13.9	-1.1
6	17.9	1.3	19.5	0.4	17.6	0.5	18.6	2.2	17.8	0.0
7	16.2	3.4	17.0	4.1	18.2	6.2	13.9	6.4	13.9	3.3
8	17.1	7.4	15.9	6.2	18.2	8.9	18.3	10.1	13.3	8.3
9	18.5	4.0	18.6	1.1	18.2	4.2	18.4	6.1	14.4	2.8
10	15.9	4.3	18.5	1.8	18.3	3.6	18.6	5.3	16.1	6.6
11	14.8	8.7	13.4	6.6	14.2	9.6	13.9	9.4	15.0	6.1
12	17.0	8.6	16.9	9.3	16.2	10.0	17.8	10.7	17.8	8.3
13	19.6	5.0	20.0	4.6	19.7	6.6	18.7	7.5	20.0	5.5
14	21.2	5.6	22.6	3.8	20.2	4.9	20.1	6.7	20.0	8.9
15	21.5	5.1	20.8	6.5	19.2	8.4	19.7	8.1	17.8	8.9
16	20.9	7.1	21.2	5.3	19.9	10.6	20.4	10.6	20.0	6.1
17	23.0	6.4	22.4	4.0	21.7	6.2	20.3	8.3	20.0	8.3
18	16.7	9.2	21.3	9.5	23.0	9.4	22.6	10.4	18.3	11.6
19	22.5	6.9	23.2	5.0	23.4	8.2	22.8	11.7	20.5	6.1
20	20.0	9.2	20.2	8.0	22.0	7.2	21.0	9.3	18.3	7.2
21	20.8	4.7	21.2	5.6	22.3	6.0	20.2	6.7	20.0	5.5
22	21.8	3.7	21.4	5.3	21.2	6.4	21.4	6.3	19.4	5.5
23	19.6	3.6	16.3	4.9	18.1	4.7	20.6	7.4	15.5	6.6
24	17.3	8.3	18.8	7.9	19.0	9.8	21.5	11.4	20.0	7.8
25	16.5	12.2	15.5	12.3	20.2	14.0	20.8	13.6	17.8	14.4
26	23.5	13.4	19.6	12.4	23.2	15.6	24.7	17.8	18.9	10.5
27	23.5	9.7	23.5	7.4	22.7	7.4	20.7	9.6	20.5	8.9
28	19.7	9.9	21.0	9.9	22.4	10.0	20.9	9.7	19.4	11.1
29	18.0	9.1	18.5	8.0	19.4	8.2	20.2	10.9	16.6	6.6
30	14.9	6.8	13.5	4.3	16.2	5.2	19.6	6.8	16.6	5.0
31	17.1	9.7	16.5	8.0	17.8	8.7	17.2	11.7	16.6	6.6
MEANS	18.9	7.1	18.6	6.2	19.4	7.8	19.7	9.3	17.3	6.7
HIGHEST MAX.	23.5		23.5		23.4		24.7		20.5	
DATE	26,27th.		27th.		19th.		26th.		19th. & 27th.	
LOWEST MAX.	1.0		-2.3		0.5		2.2		-1.1	
DATE	5th.		5th.		6th.		6th.		5th.	

NOTE: TEMPERATURES ARE IN CENTIGRADE .

TABLE 3 DECEMBER 1955.

MONTHLY MEAN TEMPERATURES (IN CENTIGRADE) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	9.0	7.8	9.4	15.4	17.2	14.1	11.6	9.7	11.8
MOSUL	7.1	6.3	7.6	12.4	14.3	11.0	8.7	7.7	9.4
KIRKUK	8.5	8.0	10.8	13.7	14.3	11.3	9.7	8.7	10.6
KHANAQIN	....	7.7	10.5	....	15.7	12.9	10.6	....	11.5
RUTBA	6.2	5.5	7.2	13.3	14.8	12.1	9.2	7.2	9.4
HAI	9.2	8.0	11.1	16.6	17.8	14.0	11.7	....	12.6
DIWANIYA	8.3	7.4	10.4	16.5	17.9	13.9	11.0	9.7	11.9
NASIRIYA	9.9	8.8	11.5	17.0	18.9	15.3	12.9	11.1	13.2
BASRA	11.5	10.3	12.0	17.2	18.9	15.5	13.4	12.4	13.9
HABBANIYA	8.7	7.7	9.6	15.4	16.8	13.6	11.3	9.9	11.6

TABLE 4

MONTHLY MEAN PRESSURE (IN MILLIBARS) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	18.8	18.0	19.2	18.5	17.1	17.5	18.6	18.1	18.2
MOSUL	19.3	19.3	20.0	18.9	17.7	18.4	19.3	19.4	19.0
KIRKUK	18.2	18.0	18.5	17.5	16.6	17.5	18.1	18.1	17.8
KHANAQIN	....	18.1	18.4	....	16.5	17.3	18.1	....	17.7
RUTBA	18.1	18.4	19.5	18.6	17.2	18.0	19.4	18.4	18.5
HAI	18.1	18.1	19.1	18.0	16.9	17.3	17.9	....	17.9
DIWANIYA	17.5	17.6	18.9	17.8	16.4	16.8	17.6	17.5	17.6
NASIRIYA	17.6	17.7	19.1	17.8	16.6	17.1	17.7	17.6	17.7
BASRA	17.2	17.3	18.6	17.8	16.6	16.7	17.4	17.2	17.4
HABBANIYA	18.1	17.9	19.1	18.3	17.0	17.5	18.1	18.0	18.0

TABLE 5

MONTHLY MEAN RELATIVE HUMIDITY (IN PERCENTAGE) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	88	90	87	65	57	70	81	87	78
MOSUL	93	94	92	74	68	82	90	92	86
KIRKUK	86	85	75	65	62	79	83	86	78
KHANAQIN	..	87	79	..	63	75	83	..	77
RUTBA	81	86	80	56	48	61	73	75	70
HAI	87	90	82	64	60	75	80	..	77
DIWANIYA	85	89	83	64	58	72	79	83	77
NASIRIYA	82	84	77	60	51	68	74	80	72
BASRA	93	93	88	74	66	81	88	90	84
HABBANIYA	87	90	82	64	57	73	80	84	77

DECEMBER 1955.

TABLE 6

MONTHLY MEAN VAPOUR PRESSURE (IN MILLIBARS) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	9.9	9.5	10.4	11.2	10.8	11.1	10.9	10.3	10.5
MOSUL	9.5	9.1	9.7	10.6	11.0	10.8	10.2	9.8	10.1
KIRKUK	9.5	9.2	9.8	10.1	10.0	10.6	10.1	9.7	9.9
KHANAQIN	....	9.3	10.8	....	10.7	10.8	10.6	....	10.4
KUTBA	7.7	7.8	8.2	8.8	8.1	8.5	8.5	8.0	8.2
RAI	10.2	9.9	11.2	12.1	12.0	12.0	11.0	....	11.2
HINANIYA	9.4	9.2	10.5	11.3	11.5	11.3	10.4	10.0	10.5
ASIRIYA	10.2	9.7	10.6	11.8	11.1	11.8	11.1	10.8	10.9
BASRA	12.7	11.9	12.4	14.5	14.5	14.4	13.8	13.2	13.3
ABBANIYA	10.0	9.6	9.9	11.1	10.8	11.5	10.9	10.4	10.5

TABLE 7

MONTHLY MEAN DEW POINT (IN CENTIGRADE) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	6.7	5.9	7.3	8.3	7.9	8.3	8.0	7.4	7.5
MOSUL	5.9	5.4	6.2	7.7	8.0	7.9	7.0	6.5	6.8
KIRKUK	6.1	5.7	6.5	6.8	6.7	7.6	6.9	6.4	6.6
KHANAQIN	....	5.6	6.8	....	8.1	8.3	7.4	....	7.3
KUTBA	2.9	3.2	3.8	5.0	3.4	4.5	4.3	3.5	3.8
RAI	7.1	6.6	8.1	9.5	9.4	9.5	9.3	....	8.4
HINANIYA	5.6	5.3	7.3	9.1	8.5	8.6	7.2	6.7	7.3
ASIRIYA	7.0	6.2	7.5	9.0	8.0	9.1	8.2	7.7	7.8
BASRA	10.3	9.2	10.0	12.2	12.2	12.2	12.5	10.8	11.1

TABLE 8

MONTHLY MEAN LOW CLOUD (IN OKTAS) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	0.8	0.8	0.8	1.3	1.3	1.4	0.7	1.1	1.0
MOSUL	4.1	4.6	3.5	3.0	3.1	3.0	2.5	3.5	3.4
KIRKUK	3.1	2.4	2.5	2.8	2.8	2.8	2.1	2.3	2.6
KHANAQIN	...	3.8	3.6	...	4.4	4.1	3.6	...	3.9
KUTBA	0.6	1.6	1.7	1.9	3.3	2.8	2.0	1.1	1.9
RAI	2.0	2.0	1.8	2.0	2.6	2.0	2.0	...	2.0
HINANIYA	1.9	1.9	1.5	2.4	3.0	2.0	2.0	1.8	2.1
ASIRIYA	2.1	2.6	1.6	1.5	1.8	2.2	2.3	2.4	2.1
BASRA	0.6	1.1	1.2	1.0	1.2	0.8	0.5	0.6	0.9
ABBANIYA	1.2	1.0	1.2	0.9	1.5	0.9	1.1	1.2	1.1

TABLE 9

MONTHLY MEAN TOTAL CLOUD (IN OKTAS) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	3.0	2.8	3.6	4.3	4.4	4.1	2.8	3.0	3.5
MOSUL	4.9	5.5	5.2	5.2	4.8	4.5	3.7	4.7	4.8
KIRKUK	4.6	3.9	4.4	4.8	4.8	4.7	3.8	3.5	4.3
KHANAQIN	...	4.2	4.2	...	5.4	5.1	4.2	...	4.6
KUTBA	1.1	3.1	3.9	3.8	4.7	4.2	2.9	2.3	3.3
RAI	3.0	3.4	3.5	4.0	4.3	5.0	3.0	...	3.8
HINANIYA	2.6	2.7	3.0	3.7	4.0	4.0	3.5	3.0	3.3
ASIRIYA	3.6	4.1	3.3	3.3	3.8	3.9	3.6	3.5	3.6
BASRA	3.2	3.5	3.6	3.5	3.5	3.0	2.6	3.0	3.2
ABBANIYA	3.5	3.3	3.6	3.6	4.0	3.7	3.2	3.6	3.6

TABLE 10 DECEMBER 1955.

DAILY PRECIPITATION
UNIT (MILLIMETRES).

DATE	BAG-HDAD	MOSUL	KIR-KUK	KHAN-AQIN	RUTBA	HAI	DIWA-NIYA	NASI-RIYA	BAS-RA	HABBA-NIYA
1	0.0	0.0	0.0	0.0	0.0	1.6	1.5	1.1	0.2	0.0
2	0.2	0.0	0.0	0.0	0.1	1.4	2.0	0.5	0.1	0.5
3	3.8	TR.	0.9	26.5	0.3	7.7	4.0	0.9	1.2	1.6
4	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	5.6	TR.	20.9	7.0	TR.	4.7	0.0	TR.	14.6	15.0
8	0.8	0.0	7.6	8.0	0.0	0.0	0.0	0.0	0.0	1.2
9	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.9	0.0	0.0	0.0	0.0	0.0	9.6	11.7	0.0
11	TR.	0.0	0.0	0.0	0.0	2.0	10.9	2.1	6.2	0.0
12	0.0	TR.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	1.7	TR.	0.0	TR.	0.0	0.0	0.0	0.0	0.0
14	TR.	1.1	1.2	2.8	0.0	0.0	0.0	0.0	0.0	TR.
15	TR.	23.6	0.0	0.0	2.1	0.0	0.0	3.9	3.4	TR.
16	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
17	2.6	13.2	11.8	0.0	TR.	0.0	0.0	0.0	0.0	5.7
18	0.0	6.1	0.8	8.6	0.0	TR.	0.0	0.0	0.0	0.0
19	0.0	TR.	2.3	0.0	0.0	0.0	0.0	0.0	0.0	TR.
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.2	0.0
24	TR.	13.3	5.6	0.0	TR.	9.9	5.0	3.0	TR.	TR.
25	14.4	35.5	37.1	1.6	0.1	1.4	8.1	1.5	0.3	10.5
26	0.0	0.0	TR.	20.7	0.0	0.0	0.0	0.0	0.0	TR.
27	0.0	TR.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	TR.
28	TR.	4.9	5.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	TR.	0.0	7.0	TR.	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	TR.	0.0	3.5	TR.	17.0	0.0
31	0.0	0.0	0.0	0.0	0.0	2.1	0.0	TR.	0.0	0.0
TOTAL	27.5	100.7	93.9	93.6	2.7	30.8	35.0	23.0	54.9	34.5

NOTE: TRACE OF RAIN (TR.) IS LESS THAN 0.05 mms.

TABLE 11 DECEMBER 1955.

SURFACE WIND - NUMBER OF OBSERVATIONS

B A G H D A D

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	2	1	7	6	1	2	2	10	0	7
0300	3	2	3	6	4	2	2	8	1	7
0600	2	1	3	7	4	2	2	9	1	7
0900	5	1	2	5	4	2	3	9	0	10
1200	2	1	5	6	1	3	3	10	0	11
1500	5	1	6	4	3	0	4	5	3	7
1800	5	0	5	8	2	1	5	3	2	7
2100	2	0	5	4	5	1	4	5	5	7
TOTAL	26	7	36	46	24	13	25	59	12	8

M O S U L

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	3	0	4	1	0	0	4	0	19	3
0300	0	2	4	0	1	0	3	1	20	3
0600	7	6	3	1	1	1	2	5	5	4
0900	7	5	10	1	1	1	1	5	0	6
1200	6	3	8	2	3	0	3	3	3	7
1500	4	0	8	0	2	0	1	3	13	4
1800	1	1	5	0	1	1	6	0	16	3
2100	1	0	4	1	1	0	4	0	20	4
TOTAL	29	17	46	6	10	3	24	17	96	4

K I R K U K

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	2	14	5	4	3	1	0	0	2	6
0300	1	11	7	7	4	0	0	0	1	6
0600	5	4	8	5	7	1	0	0	1	5
0900	1	2	0	3	16	3	0	3	3	6
1200	0	2	1	6	9	3	3	6	1	7
1500	4	1	3	5	6	3	0	5	4	6
1800	6	11	4	5	1	0	0	1	3	5
2100	1	15	5	4	1	0	0	2	3	6
TOTAL	20	60	33	39	47	11	3	17	18	6

K H A N A Q I N

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	-	--	--	--	--	--	-	-	-	-
0300	0	0	15	0	3	1	0	0	12	3
0600	0	1	10	0	5	0	0	0	15	3
0900	-	-	-	-	-	-	-	-	-	-
1200	1	0	2	1	10	2	8	3	4	7
1500	1	0	3	4	7	0	4	1	11	4
1800	0	0	7	2	7	1	3	0	11	4
2100	-	-	-	-	-	-	-	-	-	-
TOTAL	2	1	37	7	32	4	15	4	53	4

TABLE 11- CONTINUED DECEMBER 1955.

SURFACE WIND - NUMBER OF OBSERVATIONS

R U T B A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	0	0	2	2	5	6	7	0	9	5
0300	0	3	0	1	7	7	5	0	8	6
0600	0	1	0	0	9	5	6	2	8	5
0900	0	2	3	4	5	8	5	3	1	9
1200	1	0	5	5	6	3	8	3	0	10
1500	1	1	5	5	2	4	6	5	2	6
1800	0	1	6	4	8	2	7	0	3	5
2100	0	1	3	3	8	7	5	0	4	6
TOTAL	2	9	24	24	50	42	49	23	35	7

H A I

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	0	0	5	1	3	0	12	5	5	5
0300	1	0	8	1	5	0	14	1	1	4
0600	1	0	9	3	1	1	7	4	5	5
0900	2	0	6	5	5	1	6	4	2	7
1200	1	0	6	4	1	2	10	2	5	7
1500	1	1	7	0	0	0	8	5	9	5
1800	0	1	6	0	0	1	12	1	9	5
2100	-	-	-	-	-	-	-	-	-	-
TOTAL	6	2	47	14	15	5	70	22	36	5

D I W A N I Y A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	3	0	6	2	3	1	6	4	6	5
0300	2	1	4	4	2	1	9	2	6	6
0600	3	0	3	4	4	4	9	3	1	8
0900	4	0	5	2	0	4	12	1	3	8
1200	7	0	2	5	2	1	5	6	3	8
1500	5	2	4	3	0	0	8	2	7	6
1800	3	1	2	5	1	0	7	1	11	5
2100	5	0	6	3	2	2	8	1	4	6
TOTAL	32	4	32	28	14	13	64	20	41	7

TABLE 11- CONTINUED DECEMBER 1955.

SURFACE WIND - NUMBER OF OBSERVATIONS

N A S I R I Y A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	7	0	5	1	6	0	9	2	1	7
0300	4	0	4	2	3	0	9	5	4	7
0600	2	0	3	4	6	1	6	9	0	8
0900	3	0	3	4	7	1	9	4	0	9
1200	6	0	4	3	4	0	8	5	1	9
1500	6	0	8	2	2	0	10	2	1	6
1800	4	1	7	0	5	0	10	3	1	7
2100	5	0	3	3	4	0	8	3	5	7
TOTAL	37	1	37	19	37	2	69	33	13	8

B A S R A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	4	2	3	1	3	1	3	5	9	4
0300	3	1	4	1	2	0	7	7	6	4
0600	4	3	2	1	3	1	10	4	3	6
0900	3	0	5	1	3	0	10	8	1	6
1200	5	2	2	4	2	1	5	8	2	7
1500	1	2	5	4	0	0	6	7	6	4
1800	4	1	3	4	1	0	6	7	5	4
2100	3	1	4	4	2	0	5	8	4	5
TOTAL	27	12	28	20	16	3	52	54	36	5

H A B B A N I Y A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	1	1	3	5	2	1	2	5	11	4
0300	0	1	3	3	1	0	4	5	14	4
0600	1	0	7	2	2	0	4	10	5	6
0900	2	1	1	8	4	3	3	7	2	8
1200	4	0	2	6	5	1	3	7	3	8
1500	1	4	2	4	4	0	3	7	6	5
1800	0	4	5	5	2	2	2	3	8	5
2100	1	0	6	6	1	1	2	4	10	5
TOTAL	10	11	29	39	21	8	23	48	59	6

REMARKS: 1- ALL TIMES ARE G.M.T.
2- C - MEANS CALM.
V.K. - MEAN WIND VELOCITY IN KNOTS.

STATION INDEX

TATION	LATITUDE	LONGITUDE	Hs	Hb	ha
OSUL	36 19 N.	43 09 E.	222.6 m.	223.5 m.	13.1 m.
IRKUK	35 28 N.	44 24 E.	330.8 m.	331.7 m.	8.2 m.
HANAQIN	34 18 N.	45 26 E.	201.2 m.	202.1 m.	6.1 m.
AGHDAD	33 20 N.	44 24 E.	34.1 m.	40.4 m.	17.1 m.
ABBANIYA	33 22 N.	43 34 E.	43.6 m.	44.5 m.	14.9 m.
UTBA	33 02 N.	40 17 E.	615.5 m.	616.4 m.	16.1 m.
AI	32 10 N.	46 03 E.	14.9 m.	16.1 m.	7.9 m.
IWANIYA	31 59 N.	44 59 E.	20.4 m.	21.0 m.	5.8 m.
ASIRIYA	31 01 N.	46 14 E.	3.0 m.	3.7 m.	8.8 m.
ASRA	30 34 N.	47 47 E.	2.4 m.	13.7 m.	23.5 m.

XPLANATION OF SYMBOLS :-

Hs - Height of station above M.S.L.
Hb - Height of barometer cistern above M.S.L.
ha - Height of anemometer above the ground.

NOTES ON TABLES

Mean Air Pressure :- is expressed in millibars, the initial 9 or 10 eing omitted. One millibar equals 1000 dynes per sq.cm. All mean pressur- s are reduced to mean sea level.

TEMPERATURE (In Centigrade):- The measurements of temperature are ade in Stevenson (Louvred) screens in the open. The height of the ther- ometer bulbs is approximately 1.3 meters above ground level.

HUMIDITY :- The values given depend on the readings of the dry and et bulb thermometers in Stevenson screens.

RAINFALL:- The daily amount is for the 24 hours from 0600 G.M.T. n the day of entry to 0600 G.M.T. on the next day. A day is reckoned as day of rain if the total fall is 0.2 mms or more.

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

Clear days are those on which the average cloud amount at all obse- vation hours is 0 or 1 OKTA. Cloudy days those on which the average clo- d amount is 7 or 8 OKTAS.

WIND: Days of wind force $\geq$ 6 $\geq$ 8 are those on which the wind equals exceeds those values at observation hours only, where force 6 equals to 27 Knots. and force 8 equals 34 to 40 Knots. V.K. is the mean wind eed in Knots.

G.M.T. = equals Local time Minus 3 hours.

Director
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