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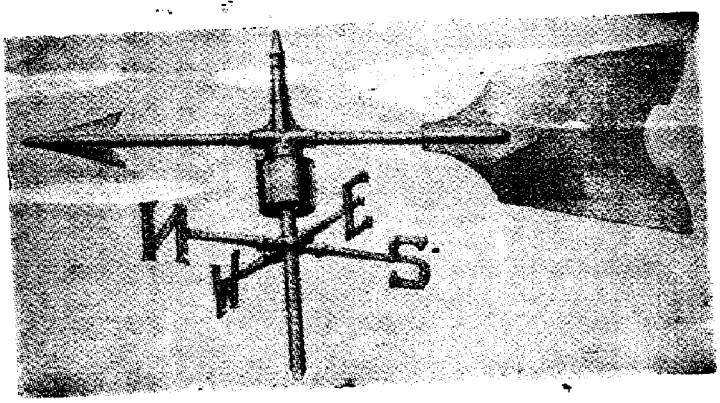

GOVERNMENT OF IRAQ
MINISTRY OF COMMUNICATIONS AND WORKS
DIRECTORATE GENERAL OF CIVIL AVIATION
METEOROLOGICAL DEPARTMENT

MONTHLY WEATHER
REPORT
FOR IRAQ
BAGHDAD.

1956

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METEOROLOGY BUREAU

National Oceanic and Atmospheric Administration

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Monthly Weather Report for Iraq 1956
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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.

PREPARED AND PUBLISHED

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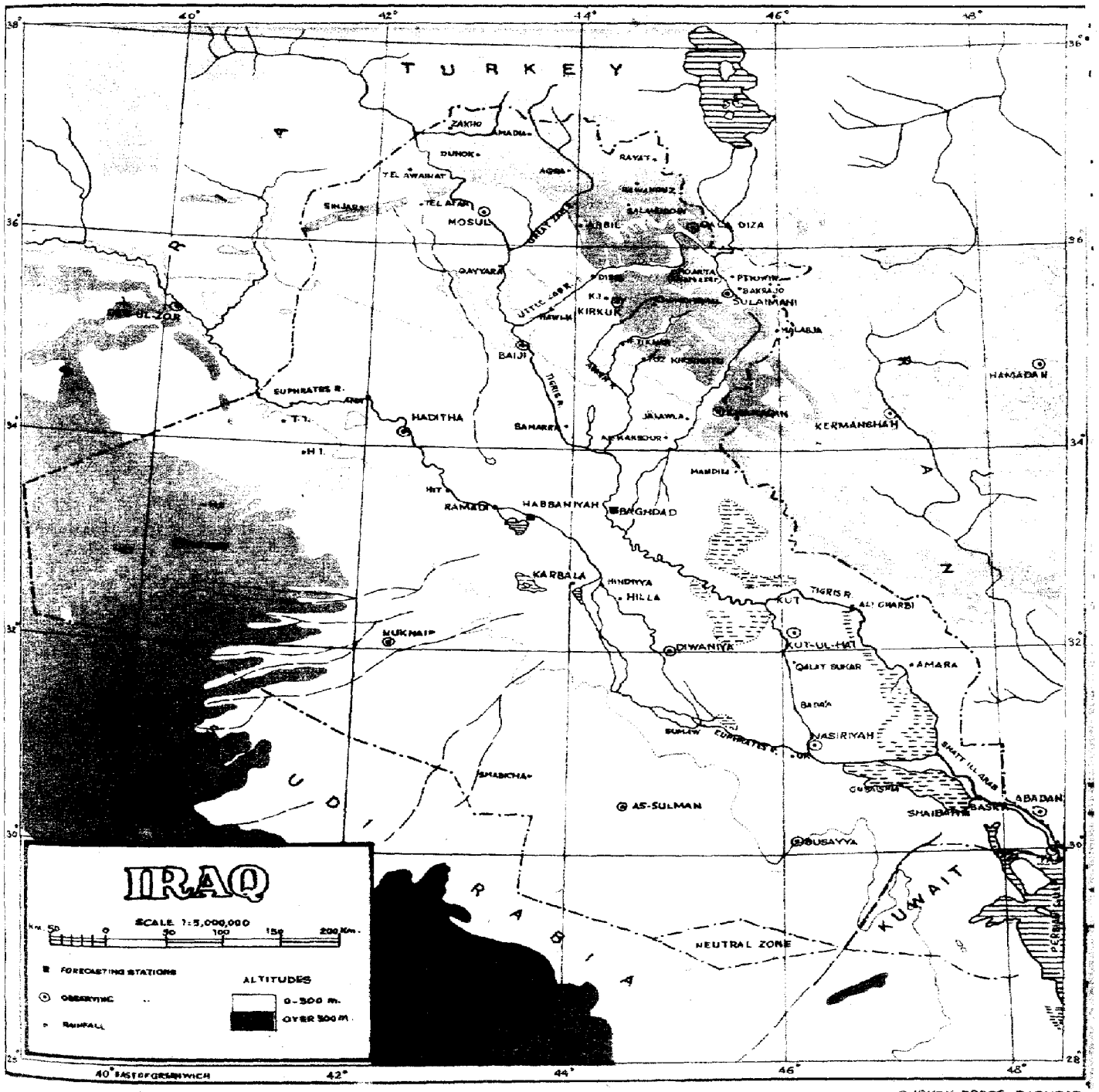
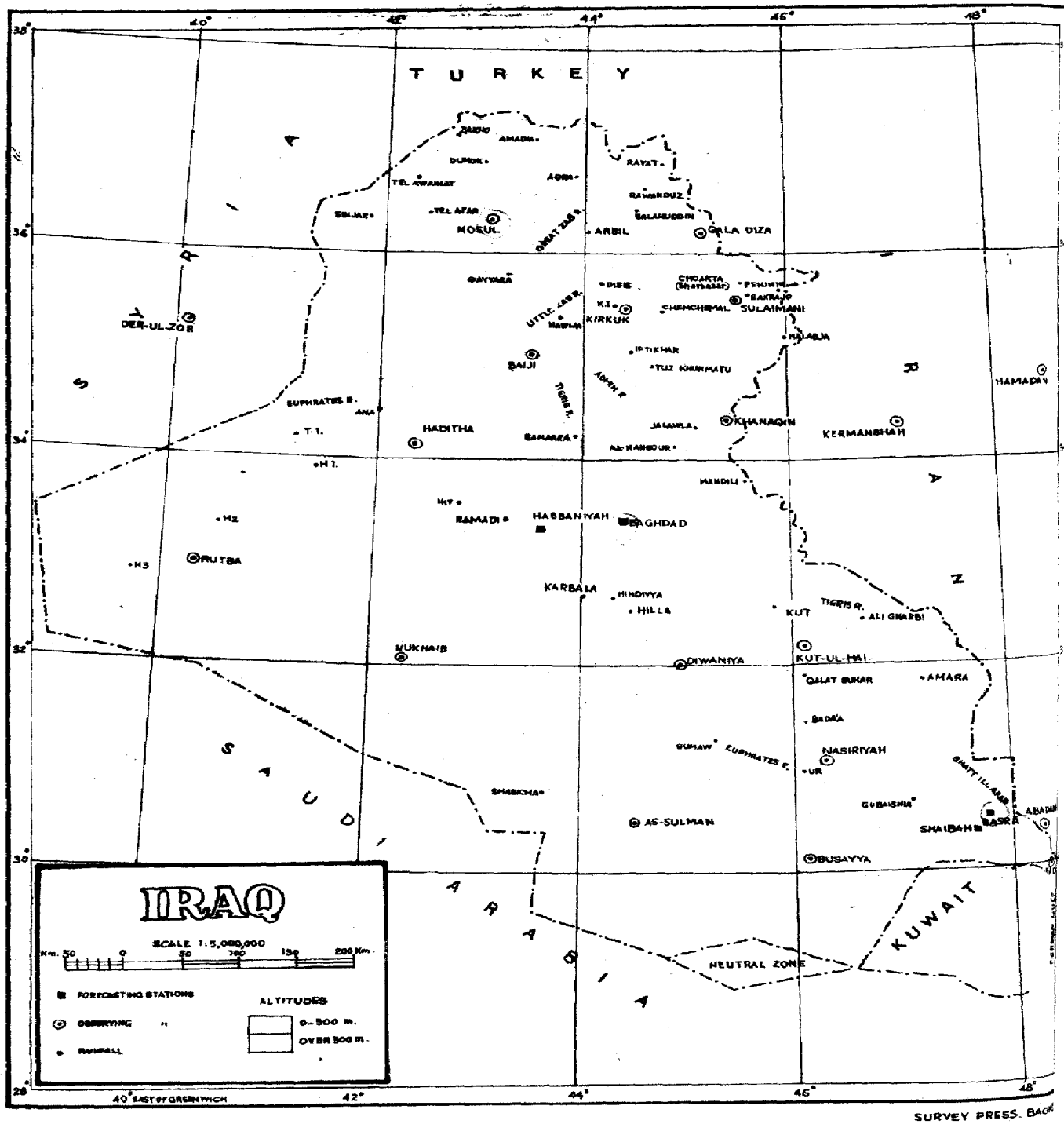
CLIMATOLOGICAL SECTION.



SURVEY PRESS. BAGHDAD.



SURVEY PRESS. BAGH

TABLE 1 JANUARY 1956.

DAILY MAXIMUM AND MINIMUM TEMPERATURES

DATE	BAGHDAD MAX.	BAGHDAD MIN.	MOSUL MAX.	MOSUL MIN.	KIRKUK MAX.	KIRKUK MIN.	KHANAQIN MAX.	KHANAQIN MIN.	HABBANIYA MAX.	HABBANIYA MIN.
1	17.4	5.2	15.6	1.6	18.0	4.9	18.3	5.0	17.2	6.1
2	17.2	1.1	15.6	1.3	18.6	4.5	19.4	2.8	16.1	2.8
3	15.7	1.3	17.2	-0.4	16.0	4.8	17.8	2.8	16.1	3.3
4	16.8	1.0	14.5	-0.5	13.2	2.8	15.0	3.3	16.1	3.3
5	16.4	6.5	11.0	1.2	13.1	3.6	15.0	3.3	15.0	8.9
6	17.7	6.5	14.2	7.1	14.9	6.4	17.2	4.4	18.3	8.3
7	18.4	7.9	16.8	5.2	15.0	7.9	15.8	7.5	18.9	7.2
8	14.9	4.4	12.4	1.9	14.9	4.8	14.4	4.4	15.5	5.0
9	18.5	9.5	12.2	6.4	15.8	6.7	17.5	6.6	18.9	10.0
10	16.7	5.5	11.6	7.9	10.2	8.1	13.3	5.5	17.2	8.3
11	17.1	7.2	11.1	5.3	14.2	7.3	15.3	5.0	16.6	6.1
12	16.0	8.2	12.6	2.6	13.9	5.4	14.1	6.1	16.1	6.1
13	14.4	7.3	13.0	2.6	13.1	7.7	16.9	7.2	15.0	7.8
14	14.8	8.2	10.0	3.3	10.7	7.2	13.3	7.8	14.4	6.6
15	14.0	5.8	12.1	1.2	12.5	2.2	13.9	7.2	13.3	6.1
16	14.7	0.2	10.7	0.7	10.4	2.9	12.8	5.0	13.9	1.6
17	13.8	0.0	10.1	-0.2	11.1	1.2	13.0	2.2	13.3	0.0
18	14.1	-1.1	12.9	-1.1	10.9	1.2	12.8	0.0	13.9	0.0
19	14.8	0.0	12.4	-1.3	11.7	0.1	19.4	0.0	14.4	0.5
20	16.0	0.0	12.8	-1.4	14.3	0.8	15.6	0.0	16.1	1.6
21	16.7	0.7	15.9	-0.6	14.8	2.3	16.1	0.0	17.8	2.8
22	19.0	2.7	18.4	3.2	17.2	5.4	17.2	2.8	18.9	5.0
23	21.2	3.5	18.2	0.7	17.1	4.2	18.9	3.9	19.4	5.0
24	21.0	4.0	19.2	1.6	18.4	6.3	18.9	6.1	17.8	5.5
25	19.1	3.5	19.0	0.9	18.7	6.1	18.3	5.0	19.4	3.9
26	21.2	2.3	18.2	0.1	19.4	5.6	20.6	3.9	20.5	2.8
27	20.9	7.8	18.5	0.7	18.0	7.1	20.6	5.0	22.8	6.6
28	19.2	13.0	11.7	6.8	12.9	8.2	16.7	8.9	18.3	11.1
29	19.4	7.5	12.3	6.7	14.1	7.7	17.2	9.4	18.9	8.3
30	20.3	8.6	14.8	7.2	11.1	7.3	17.8	10.0	20.5	9.4
31	13.6	5.5	9.2	4.7	8.9	4.6	11.7	8.9	12.8	6.6
MEANS	17.1	4.7	14.0	2.4	14.3	5.0	16.2	4.8	16.9	5.4
NORMAL	15.6	4.2	12.3	1.8	13.0	3.8	15.2	4.5	16.0	3.9
PEROID OF NORMAL	1937 – 1956		1923 – 1956		1938 – 1956		1939 – 1956		1937 – 1956.	

STATION	MONTHLY MEAN TEMPERATURES GRASS MIN.	EARTH 1 FT.	EARTH 4 FT.	MONTHLY TOTAL SUNSHINE HOURS
BAGHDAD	....	12.8	17.4	218.8
MOSUL	0.2	9.0	15.1	181.9
KIRKUK	....	11.2	15.5	.....
HABBANIYA	2.6	15.1	19.8	209.1

TABLE 1-CONTINUED. (2) JANUARY 1956.

DAILY MAXIMUM AND MINIMUM TEMPERATURES

	HAI		DIWANIYA		NASIRIYA		BASRA		RUTBA	
ATE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	18.5	7.4	17.5	7.2	18.9	7.4	17.0	8.4	14.8	3.2
2	18.7	3.0	17.2	2.6	18.2	5.0	17.6	5.4	14.4	3.0
3	18.0	3.2	16.9	1.4	18.6	3.4	17.4	4.4	14.5	-0.5
4	16.6	4.4	17.3	3.3	18.7	4.2	17.1	4.5	14.8	2.6
5	17.1	2.9	19.4	6.4	16.5	3.3	17.7	5.0	13.9	5.0
6	18.8	4.9	19.2	5.6	19.6	8.3	21.4	8.4	14.5	7.4
7	18.4	7.3	18.2	4.8	18.8	8.6	18.5	10.9	13.8	2.2
8	17.2	5.9	20.0	3.8	19.1	4.7	18.4	6.9	12.8	4.7
9	17.2	9.7	14.2	9.0	15.7	9.0	13.7	11.9	16.5	4.4
10	18.6	3.9	18.2	3.7	18.1	5.4	17.1	8.3	13.5	5.8
11	19.5	8.2	19.5	6.2	20.0	5.8	17.8	6.7	15.0	3.0
12	17.6	7.4	17.6	7.4	20.0	8.5	19.8	9.4	11.6	5.2
13	20.0	10.2	18.7	10.4	22.1	12.5	22.1	13.3	6.5	5.3
14	18.3	7.4	16.0	6.4	16.1	6.3	14.9	10.2	7.1	3.0
15	13.4	7.6	14.0	7.4	15.0	9.0	13.3	9.4	8.5	0.2
16	15.4	1.2	17.5	-1.6	15.7	1.1	14.9	3.6	10.0	1.0
17	14.2	2.8	14.2	2.0	15.1	2.5	14.4	4.4	10.3	-1.2
18	14.3	1.8	14.3	0.0	15.0	2.0	14.8	3.4	13.3	-1.0
19	15.2	1.4	15.7	0.2	17.2	2.0	16.0	2.5	12.7	2.2
20	15.8	0.9	15.4	0.8	16.3	3.2	14.8	4.2	15.1	-0.6
21	16.4	1.7	17.3	0.8	18.4	2.0	16.1	2.6	15.7	0.4
22	18.4	3.8	[illegible]	2.8	19.8	4.0	17.5	3.9	16.7	2.5
23	19.9	5.2	20.0	3.7	21.4	3.9	19.0	5.6	17.1	3.0
24	20.8	5.7	20.6	5.5	21.8	5.0	20.0	6.2	18.3	3.5
25	19.8	7.8	20.0	5.3	22.1	7.4	20.6	7.2	16.5	2.2
26	23.2	6.2	23.0	5.0	21.9	4.2	21.3	6.2	17.3	5.0
27	21.8	5.7	23.2	6.0	23.4	7.0	24.0	5.8	21.7	5.2
28	20.3	11.7	19.0	9.4	23.1	12.9	22.7	14.5	12.4	5.8
29	20.5	7.6	20.6	5.4	21.7	5.6	22.1	8.2	15.5	4.8
30	20.3	7.7	21.9	6.6	22.9	8.2	23.8	8.8	13.1	7.9
31	16.9	11.0	15.5	9.2	17.3	7.6	18.8	9.4	9.5	2.6
MEANS	18.1	5.7	18.1	4.7	19.0	5.8	18.2	7.1	13.8	3.2
ORMAL	17.2	5.1	16.7	3.3	17.4	5.2	18.1	7.2	13.0	1.1
ERIOD OF ORMAL	1940 - 1956		1933 - 1956		1940 - 1956		1937 - 1956		1928 - 1956	

NOTE: TEMPERATURES ARE IN CENTIGRADE.

TABLE 2

MONTHLY MEAN TEMPERATURES (IN CENTIGRADE) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	6.9	5.6	7.4	14.4	16.3	13.5	10.2	8.2	10.3
MOSUL	4.8	3.9	5.2	10.7	13.1	10.2	7.0	5.6	7.6
KIRKUK	6.4	6.2	8.2	12.3	13.4	10.6	8.1	7.1	9.0
KHANAQIN	....	6.0	8.8	....	15.6	11.8	8.6	....	10.2
RUTBA	4.9	4.6	5.4	11.2	13.2	11.1	7.7	5.9	8.0
HAI	7.4	6.2	9.4	15.9	17.3	13.5	10.5	....	11.5
DIWANIYA	7.2	6.1	9.1	15.8	17.7	13.4	10.5	8.8	11.1
NASIRIYA	8.0	6.9	9.8	16.1	18.0	14.6	11.4	9.4	11.8
BASRA	8.9	7.8	10.4	16.2	17.5	14.1	11.8	10.2	12.1
HABBANIYA	7.1	6.2	7.8	13.9	16.4	13.4	10.1	8.5	10.2

TABLE 3

MONTHLY MEAN PRESSURE (IN MILLIBARS) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	17.9	17.8	19.5	18.7	17.3	17.7	18.4	18.2	18.2
MOSUL	19.2	19.2	20.1	19.0	17.6	17.9	19.1	19.2	18.9
KIRKUK	17.6	17.8	18.4	17.4	16.4	17.2	18.0	18.0	17.6
KHANAQIN	....	16.8	18.1	....	16.3	17.0	18.4	....	17.3
RUTBA	18.5	18.7	20.2	19.3	17.8	18.3	19.6	19.2	19.0
HAI	17.6	17.7	19.0	17.9	16.9	17.3	18.2	....	17.8
DIWANIYA	17.3	17.5	18.8	17.9	16.5	17.0	17.8	17.8	17.6
NASIRIYA	17.3	17.4	18.9	17.9	16.7	17.2	17.9	17.8	17.1
BASRA	17.0	17.1	18.4	17.6	16.6	16.9	17.5	17.4	17.3
HABBANIYA	17.8	17.9	19.3	18.6	17.2	17.5	18.3	18.1	18.1

TABLE 4

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	84	89	85	61	53	63	74	80	73
MOSUL	94	94	91	73	65	79	90	92	85
KIRKUK	82	82	74	62	62	68	78	78	73
KHANAQIN	..	82	76	..	48	65	76	..	70
RUTBA	81	82	81	58	47	56	72	75	72
HAI	86	89	81	59	52	68	76	..	73
DIWANIYA	83	85	80	58	49	61	70	75	70
NASIRIYA	78	80	73	54	45	56	67	73	66
BASRA	92	92	86	66	61	76	87	89	81
HABBANIYA	86	88	82	62	48	62	74	80	73

TABLE 5 JANUARY 1956.

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	8.5	8.1	8.6	9.8	9.4	9.6	9.1	8.7	9.0
MOSUL	8.1	7.7	8.1	9.4	9.6	9.8	9.0	8.5	8.8
KIRKUK	7.9	7.6	8.0	8.6	8.5	8.6	8.4	7.9	8.2
KHANAQIN	....	7.6	8.3	....	8.5	8.9	8.8	....	8.4
RUTBA	7.1	6.9	7.3	7.7	7.0	7.4	7.2	7.0	7.2
HAI	8.9	8.6	9.6	10.7	10.3	10.5	9.7	....	9.8
DIWANIYA	8.6	7.9	8.8	10.1	9.8	9.4	8.8	8.5	9.0
NASIRIYA	8.5	8.1	8.9	9.9	9.2	9.4	9.1	8.7	9.0
BASRA	10.7	9.9	11.0	12.0	12.0	12.3	12.1	11.1	11.4
HABBANIYA	8.7	8.4	8.8	9.9	9.1	9.6	9.3	9.0	9.1

TABLE 6

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	4.3	3.6	4.6	6.4	5.7	5.9	5.2	4.5	5.0
MOSUL	3.7	3.0	3.7	5.8	6.2	6.5	5.1	4.3	4.8
KIRKUK	3.4	2.8	3.5	4.6	4.3	4.5	4.3	3.2	3.8
KHANAQIN	....	3.7	4.1	....	4.5	5.6	5.0	....	4.6
RUTBA	1.9	1.4	2.2	3.0	1.4	2.3	2.1	1.5	2.0
HAI	5.1	4.5	6.2	7.7	7.2	7.5	6.3	....	6.4
DIWANIYA	4.1	3.3	6.4	6.9	6.3	5.9	4.8	4.3	5.1
NASIRIYA	4.3	3.6	5.0	6.4	5.3	5.8	5.3	4.7	5.1
BASRA	7.6	6.6	8.0	9.4	9.3	9.8	9.6	8.3	8.6

TABLE 7

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	0.7	0.6	0.3	0.5	0.9	0.4	0.2	0.2	0.5
MOSUL	2.2	2.5	2.6	1.9	2.6	3.0	2.4	2.2	2.4
KIRKUK	1.6	1.7	2.2	1.9	2.1	2.2	1.9	1.7	1.9
KHANAQIN	...	2.3	2.0	...	2.5	2.7	2.3	...	2.4
RUTBA	2.3	2.1	1.8	2.2	2.8	2.4	2.0	2.0	2.2
HAI	1.5	1.7	1.8	1.1	1.5	0.7	1.3	...	1.4
DIWANIYA	1.0	1.5	1.8	1.1	1.7	1.0	1.1	1.2	1.3
NASIRIYA	1.1	1.3	0.8	0.8	1.2	0.7	0.5	0.9	0.9
BASRA	0.4	0.5	0.9	0.8	0.9	0.8	0.6	0.4	0.7
HABBANIYA	0.8	0.8	1.3	0.4	1.1	1.1	0.5	0.9	0.9

TABLE 8

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	2.0	2.9	3.7	3.5	3.5	3.4	2.4	2.8	3.0
MOSUL	2.9	2.8	4.0	4.1	4.6	4.3	2.9	2.8	3.6
KIRKUK	3.1	3.3	4.3	3.8	4.0	4.0	3.0	3.0	3.6
KHANAQIN	...	3.4	3.4	...	3.7	3.6	2.7	...	3.4
RUTBA	3.1	3.1	3.6	3.7	3.8	3.4	3.0	3.0	3.3
HAI	3.4	3.3	3.5	3.2	3.9	2.5	2.2	...	3.0
DIWANIYA	2.6	2.6	3.3	3.1	2.8	3.0	2.0	2.5	2.7
NASIRIYA	1.6	2.5	2.4	2.4	2.6	2.0	1.0	1.4	2.0
BASRA	1.6	2.0	2.5	2.4	2.5	1.9	1.4	1.2	1.9
HABBANIYA	2.4	2.4	3.3	3.0	3.6	3.7	3.1	3.3	3.1

TABLE 9

JANUARY 1956.

DAILY PRECIPITATION UNIT (MILLIMETERS, TR. <0.05 mm)

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	0.5	0.0	0.0	0.0	0.0	0.0
5	TR.	10.0	0.0	0.0	7.3	0.0	0.0	0.0	0.0	TR.
6	TR.	2.3	1.1	2.8	0.0	0.0	0.0	0.4	0.0	TR.
7	0.0	0.0	0.0	9.2	0.0	0.0	0.0	0.0	2.5	TR.
8	3.1	2.9	TR.	0.0	0.0	TR.	1.9	1.1	0.0	1.5
9	0.0	19.5	1.8	0.0	0.0	0.4	TR.	0.3	2.4	TR.
10	TR.	5.3	6.2	4.0	0.0	0.0	0.0	0.0	0.0	TR.
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	2.4	0.0	7.6	TR.	0.0	0.0	TR.	TR.
13	4.2	0.1	TR.	7.7	3.0	TR.	TR.	0.0	0.0	1.1
14	TR.	4.1	0.9	0.4	0.0	7.0	TR.	0.4	0.5	0.0
15	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.1	2.9	0.0
16	0.0	0.0	TR.	0.0	0.0	0.3	TR.	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	TR.	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	TR.	0.0	0.0	0.0	0.0	0.0
27	TR.	25.3	14.7	0.0	6.6	0.1	0.5	0.0	0.0	TR.
28	0.2	16.6	3.6	8.8	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	3.2	0.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0
30	TR.	3.3	1.5	0.0	0.0	0.2	0.1	0.1	0.0	0.0
31	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	7.5	92.6	33.1	34.5	25.0	11.6	2.4	2.4	8.3	2.6

TABLE 10

NUMBER OF CASES OF :-

STATION	RAIN	SNOW	HAIL	THUNDERSTORM	FOG	DUST	CLEAR	CLOUDY
BAGHDAD	3	0	0	1	4	2	10	2
MOSUL	10	0	0	0	5	0	8	6
KIRKUK	9	0	0	0	0	0	7	5
KHANAQIN	8	0	1	0	1	0	7	4
RUTBA	5	0	0	1	0	1	12	4
HAI	5	0	0	0	2	0	11	1
DIWANIYA	2	0	0	0	2	0	12	3
NASIRIYA	4	0	0	0	1	1	15	0
BASRA	4	0	0	1	7	0	16	0
HABBANIYA	2	0	0	0	2	2	8	5

MONTHLY TOTAL RAINFALL AT SELECTED STATIONS

STATION	LAT(N)	LONG(E)	HEIGHT ABOVE M.S.L.	AUTHORITY	TOTAL RAINFALL IN MILLIMETERS
ZAKHO	37.08	42.41	442 m.	S.	----
AMADIA	37.05	43.30	1236 m.	S.	126.5
RAWANDUZ	36.37	44.33	1006 m.	S.	140.0
TEL AWAINAT	36.41	42.24	346 m.	I.S.R.	87.9
SINJAR	36.19	41.50	576 m.	S.	119.1
TELAAFAR	36.22	42.28	373 m.	S.	86.8
ARBIL	36.11	44.00	414 m.	S.	79.7
HAWIJA	35.31	44.18	305 m.	AGRI.	32.5
SULAIMANIYA	35.33	45.27	853 m.	S.	62.0
USTA SHARIF	-	-	-	AGRI.	60.4
PENJWIN	35.37	45.58	1311 m.	POST	67.0
BAKRAJO	35.34	45.23	750 m.	AGRI.	65.3
HALABJA	35.11	45.59	724 m.	S.	40.5
IFTIKHAR	35.03	44.27	204 m.	I.S.R.	16.3
CHUARTA	35.44	45.33	1356 m.	S.	----
SALAHDDIN	36.27	44.13	1088 m.	AGRI.	114.0
RAYAT	36.41	44.57	2610 m.	S.	58.5
DUHOK	36.52	43.02	860 m.	S.	107.8
SANAT	36.46	42.48	-	S.	158.5
MIRZA RUSTAM	36.03	44.56	459 m.	S.	13.3
SHAQLAWA	36.23	44.20	-	S.	148.2
SARSANK	36.58	43.32	1046 m.	S.R.	63.0
BINKIRD	36.03	45.03	708 m.	POLICE	71.9
TUZ	34.53	44.39	220 m.	I.S.R.	18.5
ANA	34.28	41.27	-	POST	27.0
AL MANSOOR	34.05	45.01	68 m.	I.S.R.	24.4
JALAWLA	34.16	45.09	119 m.	I.S.R.	8.4
HIT	33.38	42.50	58 m.	IRRI.	8.1
MANDILY	33.45	45.33	137 m.	S.	27.8
HINDIYA	32.42	44.17	24 m.	IRR.	6.7
HILLA	32.29	44.26	27 m.	I.S.R.	11.4
KUT	32.30	45.45	19 m.	S.	5.8
NUKHAIB	33.02	42.15	305 m.	POLICE	2.0
AMARA	31.51	47.10	9 m.	S.	19.9
SHABICHA	30.42	43.41	-	POLICE	0.0
SAMAWA	31.18	45.16	6 m.	I.S.R.	0.0
BAD'A	31.26	46.10	9 m.	IRRI.	37.0
GHUBAISHIYA	30.44	47.05	4 m.	I.S.R.	14.0
MAQIL	30.34	47.47	2 m.	I.S.R.	6.6
FAO	29.59	48.30	2 m.	P.HOUSE	19.8
SHAIBA	30.25	47.39	18 m.	R.A.F.	4.4

REMARKS:

S. - SCHOOL.
I.S.R. - IRAQ STATE RAILWAYS.
AGRI. - AGRICULTURE.
S.R. - SUMMER RESORT
IRR. - IRRIGATION.
P.HOUSE - POWER HOUSE.
R.A.F. - ROYAL AIR FORCE.

SURFACE WIND - NUMBER OF OBSERVATIONS.

BAGHDAD

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	3	1	3	5	1	2	5	11	0	9
0300	2	1	2	7	2	0	2	15	0	9
0600	0	2	2	3	5	1	3	15	0	9
0900	3	0	4	3	2	2	5	12	0	12
1200	3	1	1	3	2	4	2	15	0	13
1500	4	2	3	2	2	2	3	13	0	9
1800	3	2	5	3	3	1	4	9	1	8
2100	2	1	7	2	1	3	5	10	0	9
TOTAL	20	10	27	28	18	15	29	100	1	10

MOSUL

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	1	0	2	1	2	0	2	1	22	3
0300	3	3	2	0	1	0	1	2	19	4
0600	8	1	2	1	2	0	2	9	6	5
0900	7	3	4	2	1	1	3	9	1	8
1200	4	6	3	3	2	0	6	4	3	8
1500	2	3	4	1	1	0	4	3	13	5
1800	5	2	2	2	2	0	0	3	15	5
2100	1	3	0	1	1	0	1	4	20	3

KIRKUK

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	3	18	4	3	2	0	0	1	0	7
0300	3	16	8	2	0	0	0	1	1	6
0600	4	12	7	4	2	0	1	0	1	6
0900	3	2	1	7	7	1	3	4	3	7
1200	4	1	0	8	8	1	5	4	0	9
1500	5	4	0	5	4	2	2	6	3	5
1800	8	15	0	6	1	0	0	1	0	6
2100	2	16	4	6	0	1	0	0	2	6
TOTAL	32	84	24	41	24	5	11	17	10	7

KHANAQIN

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	-	-	-	-	-	-	-	-	-	-
0300	2	1	16	1	6	1	0	0	4	9
0600	1	0	10	2	3	1	1	1	12	5
0900	-	-	-	-	-	-	-	-	-	-
1200	2	1	3	0	2	2	13	4	4	7
1500	2	0	4	0	7	0	6	3	9	6
1800	1	1	9	2	5	0	7	0	6	5
2100	-	-	-	-	-	-	-	-	-	-
TOTAL	8	3	42	5	23	4	27	8	35	6

TABLE 12-CONTINUED

JANUARY 1956.

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	3	1	6	10	5	1	4	6
0300	0	1	2	0	8	7	5	3	5	7
0600	1	1	0	1	7	7	6	2	6	5
0900	2	0	1	1	3	2	12	4	6	7
1200	1	1	1	2	4	2	13	6	1	9
1500	2	2	3	1	5	2	9	6	1	7
1800	2	3	5	1	7	3	5	2	3	7
2100	0	3	3	1	9	6	5	1	3	7
TOTAL	8	12	18	8	49	39	60	25	29	7

H A I

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	1	0	5	0	0	0	13	1	11	5
0300	2	1	7	0	1	1	14	0	2	5
0600	0	0	5	2	0	0	19	1	14	8
0900	0	0	4	3	1	2	18	2	1	8
1200	0	1	3	5	0	0	11	8	3	[illegible]
1500	0	1	7	0	1	0	15	3	4	5
1800	0	1	4	1	1	0	10	7	7	5
2100	-	-	-	-	-	-	-	-	-	-
TOTAL	3	4	35	11	4	3	93	22	42	6

D I W A N I Y A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	2	0	5	3	3	0	14	1	3	7
0300	1	0	4	2	3	0	15	1	5	7
0600	1	0	3	2	1	1	18	0	5	8
0900	2	0	2	4	0	2	17	2	2	10
1200	5	0	1	4	1	1	12	3	4	10
1500	6	0	5	3	0	1	9	6	1	7
1800	6	0	5	3	2	0	11	2	2	7
2100	4	2	3	3	2	0	10	2	5	7
TOTAL	27	2	28	24	12	5	106	17	27	8

N A S I R I Y A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	4	0	4	3	3	1	10	3	3	7
0300	0	1	3	4	7	1	11	4	0	8
0600	0	0	2	2	5	1	13	8	0	8
0900	0	0	1	4	3	2	16	5	0	10
1200	8	0	2	2	3	0	8	7	1	10
1500	12	0	7	0	0	0	7	3	2	7
1800	4	0	8	3	1	0	11	3	1	7
2100	4	1	4	3	4	1	6	6	2	6
TOTAL	32	2	31	21	26	6	82	29	9	8

SURFACE WIND - NUMBER OF OBSERVATIONS

B A S R A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	2	1	4	2	1	1	11	5	4	4
0300	0	2	5	1	0	3	14	3	3	5
0600	1	1	2	2	2	1	14	4	4	5
0900	3	0	2	2	4	1	8	9	2	9
1200	3	1	1	4	1	0	9	11	1	9
1500	1	0	3	1	2	0	9	11	4	4
1800	2	1	3	2	1	0	4	13	5	5
2100	2	3	2	3	0	0	7	8	6	4
TOTAL	14	9	22	17	11	6	76	63	30	6

H A B B A N I Y A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	1	1	4	1	2	0	6	6	10	5
0300	2	0	3	2	4	0	2	12	6	6
0600	3	0	2	2	4	1	5	10	4	8
0900	2	0	0	3	5	4	3	13	1	10
1200	4	1	2	3	4	1	6	10	0	11
1500	4	3	4	2	2	2	1	8	5	6
1800	0	2	4	5	0	1	5	5	9	6
2100	1	1	6	3	0	2	4	6	8	7
TOTAL	17	8	25	21	21	11	32	70	43	7

NUMBER OF CASES WITH SELECTED WIND - FORCE (ALL OBSERVATIONS)

WIND FORCE	BAGH-DAD	MOSUL	KIR-KUK	RUTBA	HAI	DIWA-NIYA	NASI-RIYA	BASRA	HABBA-NIYA	KHA.N.-QIN
1 -10	174	112	203	166	142	172	181	187	150	102
11-21	70	32	31	50	64	45	56	30	46	18
22-33	3	3	4	3	0	4	2	1	8	0
≥ 34	0	2	0	0	0	0	0	1	1	0

REMARKS : 1- ALL TIMES ARE G.M.T.
2- C - MEANS CALM.

V.K. MEANS WIND VELOCITY IN KNOTS.

TABLE 14

Baghdad Airport

Month January

Year 1956.

Frequency of Horizontal Visibility

TIME - G.M.T

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -200M		1		1	1/3	1/4	1	1	1							1/1					1/1	1/1			15
200 -500M																									
500 -1000M										1															1
1000 -1500M					1					1/1	2/2	1/1	1/1	1/1											7
1500 -3000M			1	1	4	8	4	1				2/2	2/2		1/1	1/1	1	1	1	1					29
3 -5KM			1/2	1/3	5	3	1/4	3	1		1/1		1		2/2	6/7	1/3	1	1	1/1			1/1		39
5 -10KM	4	4	2	1/1	1/8	8	2/8	3	4	1/4	2	1	1/1	3/3	3/3	17	8/14	5/9	3/6	3	1	1	1/1	2/2	110
10 -15KM	6	7	10	19	7	5	6	9	7	3	4	1	1	3	7	5	11	14	15	15	15	12	10	7	199
15	21	19	16	6	3	3	8	14	18	22	22	26	25	24	18		2	6	8	11	14	17	19	22	344
Total	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	744

Note

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

Frequency of Different Heights of Cloud-Base (Amount 5-8 Oktas)

TIME - G.M.T

Height	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -50M																									
50 -150										1															1
150 -300												1													1
300 -500																									
500 -900											1	1	1												3
> 900	8	7	8	9	10	9	15	12	11	12	9	9	10	11	14	9	10	10	7	9	12	10	5	7	233

Frequency of Horizontal Visibility

TIME - G.M.T

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -200M	1	2	1	1	2	1																			8
200 -500M																									
500 -1000M						2																			2
1000 -1500				1		2									1/1	1/1									5
1500 -3000M					2	1	1	1/1	1/1																6
3 -5KM			1	1		4		1/1				1/1	2/2	1/1											11
5 -10KM	2	3	2	1	7	3	5	2	3	2/4	4/5	4/4	3/4	4/4	4/5	1/2	1	2/4	1/3	1/4	1/5	1/5	4	1	83
10 -15KM	8	8	6	7	5	5	9	7	5	3	2	2	1	2	1	4	6	4	5	4	3	6	6	10	119
>15	20	18	21	20	15	13	16	20	22	24	24	24	24	24	24	24	24	23	23	23	23	20	21	20	510
Total	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	744

Note

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

Frequency of Different Heights of Cloud-Base (AMOUNT 5-8 Oktas)

TIME -G.M.T

Height	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -50M					1	.1																			2
50 -150M																									
150 -300M						1		1	1			1	1	1											6
300 -500M							1		1	1	1														4
500 -900M	1	2	3		4	2	1		1		1	1	1		3	2	2	1	1	1	1	1	1	1	31
>900	5	4	3	6	5	4	5	5	4	5	4	5	5	5	4	3	3	3	4	3	2	3	4	5	99

TABLE 15 BAGHDAD AIRPORT

Month January
Year 1956.

Simultaneous Occurrences of Specified Visibility Ranges and Specified Lowest Cloud Base (≥5 Oktas)

HEIGHT METERS	VISIBILITY 0-200M			200-500M			>0.5-1KM			>1-1.5KM			>1.5-3KM			>3-5KM			>5-10KM			>10-15KM			>15KM			TOTAL		
0-50																														
>50-150							1																					1		
									1																					1
>150-300																														
>300-500																														
>500-900																1													1	
																		1												1
<5/8 OR *		1	1											1	4		3	4	4	1	8	6	19	6	21	6	8	31	31	31
>900M			1							1	1			2	1			7	4	1	17	3	1	5	22	25		30	30	31
AND >5/8		1	4									2	1		9	1		15	6	1	42	15	12	67	8	17	107	31	31	246
		1	1											1	4		3	4	4	1	8	6	19	6	21	6	8	31	31	31
TOTAL			1				1			1	1			2	1		1	7	4	1	17	3	1	5	22	25		31	31	31
		1	4						1			2	1		9	1		16	6	1	42	15	12	67	8	17	107	31	31	248

Note

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

00	03	06
09	12	15
18	21	To

To= Total for all hours

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

TABLE 15-CONTINUED.

Month January
Year 1956.

BASRAH AIRPORT

Simultaneous Occurances Of
Specified Visibility Ranges and Specified Lowest
Cloud Base (> 5 Oktas)

HEIGHT METERS	VISIBILITY 0-200M			>200-500M			>0.5-1KM			>1-1.5KM			>1.5-3KM			>3-5KM			> 5-10KM			> 10-15KM			> 15KM			TOTAL		
0-50																														
> 50-150																														
> 150-300																							1			2				3
																						1						1		
																							2			2				4
> 300-500																														
																			1						2			3		
																					1									3
> 500-900																					1								1	1
																						1			1	1	2	2	2	2
																					1		1	3	2		6	2	1	11
≤ 5/8 OR * 900M AND > 5/8	1	1						1				1		1			2	1	4	8	6	8	20	20	14	31	30	27		
									1					1			3	4	2	1		4	22	23	22	26	28	29		
			2						2			1			2		3	5	24	6	5	38	20	20	161	29	30	230		
TOTAL	1	1						1				1		1			2	1	5	8	7	9	20	20	16	31	31	31		
									1					2			4	4	2	2	1	4	25	24	24	31	31	31		
			2						2			1			3		3	5	26	6	6	43	22	20	171	31	31	248		

Note

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

00	03	06
09	12	15
18	21	To

G.M.T.

To=Total for all hours

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

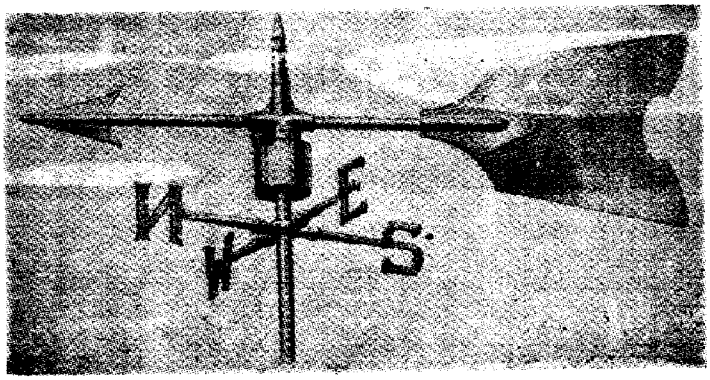
الحكومة العراقية

وزارة المواصلات والاشغال

مديرية الطيران المدني العامة

مديرية الانواء الجوية

التقرير الجوي الشهري
للعراق
بغداد



GOVERNMENT OF IRAQ
MINISTRY OF COMMUNICATIONS AND WORKS
DIRECTORATE GENERAL OF CIVIL AVIATION
METEOROLOGICAL DEPARTMENT

MONTHLY WEATHER REPORT FOR IRAQ

BAGHDAD.

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WEATHER BUREAU

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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.

PREPARED AND PUBLISHED

BY THE IRAQI METEOROLOGICAL DEPARTMENT

CLIMATOLOGICAL SECTION.

TABLE 1 (1) FEBRUARY 1956.

DAILY MAXIMUM AND MINIMUM TEMPERATURES

	BAGHDAD		MOSUL		KIRKUK		KHANAQIN		HABBANIYA	
DATE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	16.1	-2.7	4.6	-1.4	6.7	-1.3	10.0	3.0	13.3	-2.2
2	20.1	2.5	14.0	3.6	14.1	3.1	19.4	1.6	19.4	2.2
3	20.2	6.6	15.6	4.9	16.4	5.1	20.8	3.3	22.2	3.9
4	22.9	6.4	18.9	3.4	18.9	7.2	22.2	2.8	23.3	3.9
5	24.3	9.5	19.5	3.6	22.1	8.4	23.6	6.1	25.5	7.2
6	22.6	12.2	21.1	3.4	18.2	9.8	24.4	10.0	22.8	9.4
7	24.1	14.4	14.9	9.9	15.1	10.0	24.1	16.7	21.6	11.6
8	19.8	9.0	14.2	2.7	13.6	5.0	16.1	10.6	18.9	5.5
9	20.9	7.3	15.9	3.1	16.7	6.3	19.4	4.4	22.8	5.5
10	17.5	6.0	14.1	2.5	14.8	5.3	17.2	8.3	18.3	4.4
11	16.3	3.3	11.8	0.1	13.8	2.2	16.1	3.9	15.5	4.4
12	16.7	-2.0	15.5	-1.8	13.8	0.3	15.6	0.0	16.1	-0.6
13	20.0	1.0	16.0	-1.1	19.3	2.8	20.0	1.6	19.4	1.1
14	22.3	-0.5	19.5	-0.6	21.1	3.4	20.6	1.1	21.1	1.6
15	24.2	5.2	19.6	5.6	19.4	8.1	21.1	3.9	23.3	5.0
16	23.8	12.9	21.4	9.8	20.0	10.8	22.2	11.1	26.6	12.8
17	23.6	12.5	23.6	8.9	23.3	2.2	26.4	10.0	25.0	10.0
18	24.0	9.3	24.0	10.0	21.6	12.2	26.1	14.4	21.6	8.9
19	26.2	6.9	23.3	3.5	22.9	8.2	25.0	12.2	25.0	8.3
20	24.9	12.9	20.2	5.3	21.8	11.7	25.0	11.1	28.3	13.9
21	25.2	15.1	21.9	10.6	22.1	12.6	20.0	14.0	23.9	15.5
22	22.3	12.3	19.5	7.8	18.6	11.5	21.1	10.0	23.9	12.8
23	18.8	9.2	19.5	4.8	17.9	11.3	19.3	12.2	18.9	8.9
24	22.2	6.3	12.9	4.7	17.9	11.3	19.4	[illegible]	21.6	6.6
25	18.9	4.6	14.3	1.6	14.3	2.4	15.8	3.9	18.9	5.0
26	18.8	2.4	18.6	0.0	15.2	3.3	15.6	4.4	16.6	6.1
27	16.2	6.9	13.5	5.4	12.4	7.4	14.7	5.0	16.6	6.1
28	21.2	10.2	15.4	5.7	17.9	5.7	23.3	7.8	23.3	9.4
29	22.4	7.7	16.2	8.1	14.3	4.9	17.8	10.6	21.1	8.3
MEANS	21.3	7.1	17.2	4.3	17.0	6.9	20.1	7.4	21.3	6.6
NORMAL	18.2	5.8	14.4	3.3	15.0	4.8	17.0	5.7	18.6	5.9
PERIOD OF NORMAL	1937 -1956		1923-1956		1938 -1956		1939 -1956		1937 -1956	

MONTHLY MEAN TEMPERATURES

STATION	GRASS MIN.	EARTH 1 FT.	EARTH 4 FT.	MONTHLY TOTAL SUNSHINE HOURS
BAGHDAD	4.[illegible]	14.7	17.3	202.1
MOSUL	1.6	10.2	13.6	167.7
KIRKUK	...	11.5	13.9	.....
HABBANIYA	3.1	15.6	18.5	200.3

DAILY MAXIMUM AND MINIMUM TEMPERATURES

	RUTBA		DIWANIYA		HAI		NASIRIYA		BASRA	
TE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	15.6	0.2	14.9	-3.2	14.5	-0.6	15.9	0.5	13.3	2.8
2	17.7	2.6	21.0	-0.5	19.7	2.6	20.5	-0.7	19.2	0.4
3	19.6	3.4	23.0	2.0	21.0	1.2	22.5	1.2	21.9	2.7
4	19.0	4.0	24.0	5.8	23.9	7.8	23.3	8.5	25.1	7.8
5	21.7	3.5	25.7	7.7	25.0	8.4	23.2	9.4	24.6	11.1
6	23.0	5.4	27.7	14.5	24.8	13.0	28.4	12.0	25.8	15.0
7	16.1	6.2	27.9	13.8	25.5	13.3	30.2	15.2	23.6	17.5
8	13.6	3.4	19.0	10.5	19.5	13.4	20.7	12.2	21.4	16.1
9	16.4	-0.8	22.0	3.8	21.6	3.5	21.6	7.8	22.8	7.2
0	13.5	0.0	18.6	5.9	20.5	5.2	21.8	7.9	22.2	14.1
1	12.2	0.8	18.5	3.4	18.2	6.5	18.6	5.4	19.6	10.9
2	14.0	-4.2	17.2	-0.6	18.1	3.0	19.1	1.5	16.2	5.7
3	17.1	-2.2	19.9	1.2	21.2	2.6	22.1	1.8	18.9	4.5
4	21.2	5.0	21.7	1.9	22.0	1.6	23.4	3.0	20.4	2.3
5	25.0	10.2	25.0	3.8	24.8	1.8	25.2	3.8	23.3	3.6
6	22.5	7.7	26.0	10.4	25.0	9.4	25.2	10.0	24.6	8.6
7	18.8	7.2	26.4	10.5	23.7	9.1	22.4	10.2	24.1	10.3
8	20.1	5.5	24.4	8.8	26.0	10.4	23.9	10.0	26.3	11.2
9	24.5	5.4	26.0	10.9	27.5	12.0	26.8	9.4	23.7	12.7
20	25.4	13.5	25.5	11.4	25.5	11.8	26.8	8.2	26.7	9.2
21	19.2	10.6	20.4	13.9	18.0	14.7	22.0	12.2	24.3	15.7
22	18.5	7.3	25.0	12.0	23.8	9.4	25.0	13.6	26.1	13.2
23	13.8	5.7	18.3	11.9	19.0	13.8	17.4	14.8	19.9	16.7
24	16.5	3.2	21.5	10.5	21.0	12.0	17.2	12.2	20.7	13.4
25	16.1	2.2	18.6	6.3	18.5	8.2	19.3	9.0	20.7	9.9
26	18.0	1.9	19.5	4.5	18.8	6.9	20.1	5.5	20.1	7.1
27	15.3	9.4	19.4	7.3	18.8	6.8	20.6	6.3	19.9	6.8
28	26.7	9.5	24.4	9.8	23.0	10.2	28.7	10.3	25.2	12.5
29	17.2	7.3	21.6	11.2	21.3	13.8	22.4	14.8	25.1	16.4
EANS	18.6	4.7	22.2	7.2	21.7	8.0	22.6	8.5	22.3	9.8
ORMAL	15.7	2.7	19.3	4.9	19.7	6.6	20.4	7.3	20.4	9.1
ERIOD OF ORMAL	1928	-1956	1939	-1956	1940	-1956	1940	-1956	1937	-1956

NOTE: TEMPERATURES ARE IN CENTIGRADE.

TABLE 2

FEBRUARY 1956.

MONTHLY MEAN TEMPERATURES (IN CENTIGRADE) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	9.9	8.5	10.8	18.0	20.5	17.8	14.0	12.0	13.9
MOSUL	6.4	5.6	8.1	13.9	16.2	13.0	9.1	7.6	10.0
KIRKUK	8.6	7.9	11.4	15.0	16.3	13.7	10.9	9.8	11.7
KHANAQIN	...	7.9	11.5	....	19.4	16.4	12.9	....	13.6
RUTBA	6.8	5.6	7.8	14.6	16.6	15.3	10.4	8.6	10.7
HAI	10.0	8.9	12.8	19.0	20.9	17.0	14.0	....	14.7
DIWANIYA	9.6	8.3	12.5	19.1	21.2	17.7	13.6	11.6	14.2
NASIRIYA	11.3	9.5	12.8	19.7	21.8	18.3	14.8	13.0	15.2
BASRA	12.1	11.0	14.3	19.8	21.2	17.9	15.3	13.9	15.7
HABBANIYA	9.2	7.6	11.0	18.0	20.5	17.1	13.0	11.0	13.5

TABLE 3

MONTHLY MEAN PRESSURE (IN MILLIBARS) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	15.9	15.1	17.4	16.8	14.6	14.6	15.5	15.7	15.8
MOSUL	17.1	17.2	18.0	17.2	15.4	15.5	16.4	16.6	16.5
KIRKUK	15.9	16.0	16.6	15.8	14.1	14.5	15.6	15.7	15.5
KHANAQIN	....	17.0	17.2	....	14.4	14.6	15.8	....	15.8
RUTBA	15.5	15.9	19.1	16.1	14.6	14.8	16.1	14.4	15.8
HAI	15.7	16.0	17.3	16.7	14.9	11.7	15.7	....	15.4
DIWANIYA	15.1	15.6	17.0	16.2	14.0	14.1	14.8	14.7	15.2
NASIRIYA	15.2	15.8	17.1	16.4	14.5	14.7	15.3	15.1	15.5
BASRA	15.1	15.5	16.7	16.2	15.2	15.0	15.5	15.3	15.6
HABBANIYA	15.6	16.0	17.2	16.5	14.3	14.5	15.3	15.5	15.7

TABLE 4

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	66	69	64	43	36	43	54	60	54
MOSUL	87	89	82	64	56	69	81	85	72
KIRKUK	66	68	58	46	38	51	59	62	56
KHANAQIN	..	72	60	...	32	42	55	..	52
RUTBA	61	66	62	37	30	37	48	53	49
HAI	69	74	62	41	34	49	54	..	55
DIWANIYA	66	71	61	42	35	44	56	62	55
NASIRIYA	62	70	61	39	34	44	54	59	53
BASRA	82	84	75	55	47	57	72	78	69
HABBANIYA	67	66	57	37	29	41	50	58	51

TABLE 5

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	8.2	7.7	8.3	8.7	8.6	8.6	8.6	8.4	8.4
MOSUL	8.5	8.3	9.0	10.2	10.2	10.4	9.5	9.0	9.4
KIRKUK	7.4	7.3	7.8	7.6	6.8	7.9	7.7	7.5	7.5
KHANAQIN	...	7.8	8.5	....	7.1	7.8	7.8	...	7.8
RUTBA	6.3	6.2	6.7	6.4	6.1	6.4	6.3	6.1	6.3
HAI	9.0	8.8	9.5	9.1	8.4	9.6	8.8	...	9.0
DIWANIYA	8.2	8.2	9.0	9.2	9.0	8.8	8.7	8.7	8.7
NASIRIYA	8.9	9.0	9.3	8.9	8.7	9.4	9.4	9.2	9.1
BASRA	12.0	11.6	12.7	13.2	11.9	11.9	12.8	12.7	12.3
HABBANIYA	7.4	7.2	7.8	7.7	7.1	8.1	7.7	7.9	7.6

TABLE 6

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	3.3	2.6	4.5	4.0	3.7	3.9	4.0	3.6	3.7
MOSUL	4.2	3.9	5.0	6.8	6.6	7.0	5.9	5.1	5.6
KIRKUK	2.3	2.0	2.7	2.0	0.5	2.8	2.4	2.2	2.1
KHANAQIN	...	3.2	4.4	...	2.7	3.2	3.2	...	3.3
RUTBA	-0.2	-0.4	0.7	-0.1	-1.3	-0.6	0.3	-0.3	-0.1
HAI	4.4	4.3	5.4	4.5	3.4	5.6	4.3	...	4.6
DIWANIYA	3.1	3.0	4.6	4.5	4.2	4.1	3.9	3.9	4.0
NASIRIYA	3.9	4.3	5.2	4.0	3.6	4.8	5.1	4.6	4.4
BASRA	8.9	8.3	9.7	10.2	8.8	8.9	10.1	10.0	9.4

TABLE 7

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	0.7	1.5	1.6	1.0	0.6	0.4	0.8
MOSUL	1.9	2.6	2.9	3.0	3.3	2.9	1.9	1.9	2.5
KIRKUK	2.2	2.4	2.7	2.9	2.8	2.4	2.5	2.0	2.5
KHANAQIN	...	3.2	3.1	...	3.2	3.9	2.8	...	3.2
RUTBA	1.3	1.3	1.7	1.6	2.2	1.7	1.1	0.9	1.5
HAI	2.0	2.0	1.0	1.0	2.0	2.0	2.0	...	[illegible]
DIWANIYA	1.5	1.8	1.2	1.7	2.0	1.7	1.5	1.0	1.6
NASIRIYA	1.4	1.5	1.1	1.1	1.3	1.8	1.8	1.4	1.4
BASRA	0.7	0.3	1.3	0.9	0.5	0.6	0.3	0.3	0.6

TABLE 8

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	2.3	3.2	4.7	4.3	4.6	4.1	2.8	2.6	3.8
MOSUL	2.8	3.7	4.9	5.0	4.9	4.0	2.9	2.9	3.9
KIRKUK	3.6	4.0	5.1	4.7	4.7	4.3	4.0	3.4	4.2
KHANAQIN	...	4.0	5.1	...	5.2	4.7	3.1	...	4.4
RUTBA	2.9	3.3	4.1	4.0	4.8	4.3	3.3	2.2	3.6
HAI	3.0	4.0	5.0	4.0	4.0	4.0	3.0	...	3.8
DIWANIYA	2.7	3.0	4.0	4.0	3.1	4.2	2.6	2.0	3.2
NASIRIYA	2.1	3.8	4.0	4.2	4.6	4.1	3.0	2.4	3.5
BASRA	3.0	3.0	4.4	4.4	4.4	3.8	3.0	2.7	3.6

TABLE 9 FEBRUARY 1956

DAILY PRECIPITATION UNIT (MILLIMETERS, tr < 0.05 mm)

DATE	BAGHDAD	MOSUL	KIRKUK	KHANAQIN	RUTBA	HAI	DIWANIYA	NASIRIYA	BASRA	HABBANIYA
1		tr	tr							
2										
3										
4										
5	tr		tr			2.2	0.7		0.5	
6		0.9	2.3	0.8		1.5	0.8	0.7	0.1	tr
7	tr	2.4	1.7	3.2	tr	0.4		1.4		tr
8				6.3						
9										
10										
11										
12										
13										
14										
15		tr								
16					tr					
17			tr					0.1	tr	
18										
19	tr	0.2	tr				tr			tr
20	1.1	2.3	0.7		tr	1.1	2.7	tr	0.4	1.1
21	tr	tr	tr	1.0		1.0	1.6	0.1	0.5	0.1
22	4.8	0.8	4.1			0.1	0.8	4.0	0.6	
23	0.3	tr	0.5	4.1	2.5	12.6	22.0	21.8	5.4	tr
24		7.0	4.8	4.5			1.6			
25										
26	tr				tr					tr
27	0.3	14.4	7.5	0.1	0.7	2.6	0.8	tr	0.2	0.1
28	2.0	3.9	4.9	3.0	tr	tr		tr	0.5	0.6
29	tr		tr	0.6						tr
TOTAL	8.5	31.9	26.5	23.6	3.2	21.5	31.0	28.1	8.2	1.9

TABLE 10

NUMBER OF CASES OF :-

STATION	RAIN	SNOW	HAIL	THUNDERSTORM	FOG	DUST	CLEAR	CLOUDY
BAGHDAD	5	0	0	2	3	5	9	6
MOSUL	8	1	1	2	1	0	6	4
KIRKUK	8	1	1	3	1	1	6	8
KHANAQIN	8	0	1	4	0	0	1	5
RUTBA	2	0	1	0	0	1	6	4
HAI	7	0	0	1	0	1	5	5
DIWANIYA	8	0	0	0	2	2	9	5
NASIRIYA	4	0	0	1	0	3	8	4
BASRA	7	0	0	1	1	0	9	5
HABBANIYA	2	0	0	1	0	2	9	2

TABLE 11 FEBRUARY 1956

MONTHLY TOTAL RAINFALL AT SELECTED STATIONS

STATION	LAT(N)	LONG(E)	HEIGHT ABOVE M.S.L. IN METERS	TOTAL RAINFALL IN MILLIMETERS
AMADIA	37.05	43.30	1236	89.7
AQRA	36.45	43.53	716	109.2
RAWANDUZ	36.37	44.33	1006	223.0
TEL AWAINAT	36.41	42.24	346	17.0
SINJAR	36.19	41.50	576	37.9
TELAAFAR	36.22	42.28	373	23.0
ARBIL	36.11	44.00	414	46.6
HAWIJA	35.31	44.18	305	35.2
SULAIMANIYA	35.33	45.27	853	71.1
AUSTASHARIF	35.33	45.27	-	67.4
PENJWIN	35.37	45.58	1311	21.2
BAKRAJO	35.34	45.23	750	78.8
HALABJA	35.11	45.59	724	94.8
IFTIKHAR	35.03	44.27	204	12.7
SALAHDDIN	36.27	44.13	1088	134.0
RAYAT	36.41	44.57	2610	128.0
DUHOK	36.52	43.02	860	70.8
MIRZA RUSTAM	36.03	44.56	459	10.9
SHAQLAWA	36.23	44.20	-	156.0
SARSANK	36.58	43.32	1046	45.5
ANA	34.28	41.27	-	8.0
AL MANSOOR	34.05	45.01	68	0.0
JALAWLAA	34.16	45.09	119	29.2
HIT	33.38	42.50	58	1.2
MANDILY	33.45	45.33	137	18.0
KARBALA	32.37	44.01	29	5.1
HINDIYA	32.42	44,17	24	7.2
HILLA	32.29	44.26	27	8.4
KUT	32.30	45.45	19	46.4
NUKHAIB	33.02	42.15	305	5.0
AMARA	31.51	47.10	9	34.6
SHABICHA	30.42	43.41	-	17.0
SAMAWA	31.18	45.16	6	24.1
BADAA	31.26	46.10	9	26.0
UR	30.58	46.08	4	24.1
GHUBAISHIYA	30.44	47.05	4	10.2
MAQIL	30.34	47.47	2	6.4
FAO	29.59	48.30	2	4.8
SHAIBA	30.25	47.39	18	6.2
TUZ	34.53	44.39	220	13.7
SANAT	36.47	42.48	-	257.6

SURFACE WIND - NUMBER OF OBSERVATIONS.

BAGHDAD

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	3	2	4	10	3	0	3	4	0	10
0300	0	1	5	8	2	2	3	8	0	10
0600	0	0	4	8	4	0	5	8	0	11
0900	2	0	2	8	2	5	5	5	0	14
1200	1	0	3	9	2	3	3	8	0	14
1500	5	0	1	10	3	2	2	6	0	11
1800	4	2	6	8	2	1	2	3	1	10
2100	2	1	6	5	8	0	2	5	0	9
TOTAL	17	6	31	66	26	13	25	47	1	11

MOSUL

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	3	4	6	0	1	0	2	2	11	3
0300	5	5	7	0	0	0	2	2	8	4
0600	9	3	8	1	1	0	3	3	1	6
0900	4	6	9	2	1	0	3	2	2	11
1200	3	2	12	2	2	3	4	0	1	12
1500	1	8	4	3	1	1	2	2	7	7
1800	8	5	5	1	1	0	1	0	8	4
2100	3	3	6	0	0	0	3	2	12	4
TOTAL	36	36	57	9	7	4	20	13	50	6

KIRKUK

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	1	7	14	2	4	0	1	0	0	6
0300	1	7	13	1	5	0	1	0	1	5
0600	0	6	4	7	11	0	0	0	1	6
0900	0	1	1	4	15	3	4	1	0	10
1200	1	0	1	4	12	2	2	5	2	10
1500	2	3	2	1	11	1	1	6	2	5
1800	2	9	7	2	5	1	1	1	1	5
2100	3	11	7	1	6	0	0	1	0	6
TOTAL	10	44	49	22	69	7	10	14	7	7

KHANAQIN

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	-	-	-	-	-	-	-	-	-	-
0300	0	0	14	2	3	0	1	0	9	4
0600	2	0	10	2	3	1	2	1	8	4
0900	-	-	-	-	-	-	-	-	-	-
1200	7	0	0	2	12	1	4	3	0	11
1500	2	1	1	1	8	2	4	0	10	7
1800	0	0	5	5	5	0	0	0	14	5
2100	-	-	-	-	-	-	-	-	-	-
TOTAL	11	1	30	12	31	4	11	4	41	6

TABLE 12-CONTINUED FEBRUARY 1956.

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	2	4	10	4	2	7	6
0300	1	0	0	2	11	5	4	2	4	8
0600	0	0	0	0	9	6	5	2	7	6
0900	0	0	2	4	5	6	7	2	3	9
1200	0	1	4	2	5	3	12	2	0	10
1500	4	1	2	5	2	5	5	2	3	8
1800	6	0	3	5	3	5	4	1	2	7
2100	2	0	1	6	3	7	5	1	4	7
TOTAL	13	2	12	26	42	47	46	14	30	8

H A I

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	1	1	12	0	0	0	9	2	4	6
0300	0	2	13	0	0	1	10	1	2	7
0600	0	1	9	3	1	1	7	3	4	8
0900	0	0	8	5	1	1	9	4	1	11
1200	0	1	11	4	0	0	8	5	0	11
1500	0	0	11	4	1	0	8	3	2	8
1800	2	0	10	3	1	0	8	2	3	8
2100	-	-	-	-	-	-	-	-	-	-
TOTAL	3	5	74	19	4	3	59	20	16	8

D I W A N I Y A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	4	1	7	4	2	1	4	4	2	10
0300	3	1	7	5	1	0	8	3	1	12
0600	2	0	7	4	2	2	9	3	0	11
0900	4	0	7	3	3	1	6	3	2	12
1200	3	2	7	2	2	0	9	2	2	11
1500	3	1	7	3	3	0	4	5	3	7
1800	3	1	15	1	0	0	5	1	3	9
2100	4	3	7	5	1	0	3	3	3	8
TOTAL	26	9	64	27	14	4	48	24	16	10

N A S I R I Y A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	5	1	8	3	3	0	4	5	0	9
0300	4	0	7	4	1	1	7	5	0	9
0600	1	0	4	8	0	3	5	8	0	10
0900	4	0	6	5	3	0	3	8	0	12
1200	7	0	6	5	2	1	2	5	1	10
1500	7	1	7	4	2	0	2	4	2	8
1800	2	1	9	7	2	0	3	5	0	8
2100	3	1	4	9	4	0	4	4	0	9
TOTAL	33	4	51	45	17	5	30	44	3	9

TABLE 12-CONTINUED FEBRUARY 1956.

SURFACE WIND - NUMBER OF OBSERVATIONS

B A S R A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	1	2	4	5	4	0	3	6	4	6
0300	2	2	4	4	3	1	4	4	5	5
0600	1	1	4	3	3	2	4	7	4	6
0900	3	2	1	5	3	1	2	11	1	10
1200	1	0	1	9	0	0	5	11	2	10
1500	1	0	3	9	1	0	7	7	1	7
1800	0	1	1	7	3	0	4	8	5	6
2100	2	1	4	5	5	0	4	6	2	7
TOTAL	11	9	22	47	22	4	33	60	24	7

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	8	2	0	4	4	6	7
0300	1	0	5	8	1	1	5	5	3	7
0600	0	0	5	6	4	0	6	6	2	9
0900	0	0	2	7	4	0	5	8	3	11
1200	3	0	1	7	5	2	1	7	3	11
1500	2	0	2	6	7	0	1	7	4	8
1800	1	0	3	5	4	1	1	6	8	6
2100	2	0	5	5	3	2	1	3	8	6
TOTAL	10	1	27	52	30	6	24	46	37	8

NUMBER OF CASES WITH SELECTED WIND - FORCE (ALL OBSERVATIONS)

WIND FORCE	BAGH-DAD	MOSUL	KIR-KUK	RUTBA	HAI	DIWA-NIYA	BASRA	MASI-RIYA	HABBA-NIYA	KHANA-QIN
1-10	132	126	196	144	130	135	158	147	129	82
11-21	85	51	23	50	46	56	32	76	58	10
22-33	12	5	6	8	11	25	18	6	8	9
$\sum$ 34	2	0	1	0	0	0	0	0	0	4

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

2- C - MEANS CALM.

V.K. MEAN WIND VELOCITY IN KNOTS

TABLE 14

BAGHDAD AIRPORT — Frequency of Horizontal Visibility — Year 1956.

TIME - G.M.T

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -200M	2									2/2	2/2	1/1		1/1										1	9
>200 -500M		1		1	1	1/1	1/1			1/1			1/1									1/1	1/1		9
>500 -1000M			1		1/1		1/1		2/2		1/1														6
>1000 -1500M														1/1				1/1	1/1	1/1					4
>1500 -3000M	1				2/3	1/3		2/2	2/2	2/2	2/2	3/3	3/3	2/2	1/1	4/4			1/1	1/1	1/1				31
>3 -5KM					1/3	2/3	1/1		1/1	1/1	1/1	1/1	2/2	1/1	2/2	2/2	3/3	1/1	1/1	1					24
>5 -10KM		2	1	2/3	1/6	1/8	1/7	1/5	4/4	3/3	2/2	1/4	2	2/2	4/5	7/12	8/12	5/7	3/6	1/2	2/4			1/2	97
>10 -15KM	8	5	8	12	9	10	7	8	1/3	3	2	2	3	3	6	6	10	11	10	11	3	8	9	7	161
>15	18	21	19	13	6	4	12	14	17	17	19	18	18	19	15	5	4	9	10	13	21	20	19	19	350
Total	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	696

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

Frequency of Different Heights of Cloud-Base (Amount 5 -8 Oktas)

TIME - G.M.T

Height	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -50M																									
>50 -150																									
>150 -300																									
>300 -500																									
>500 -900																									
>900	7	7	7	7	10	10	11	10	8	10	9	10	15	15	13	11	10	11	10	7	5	9	8	8	228

BASRAH AIRPORT

Month February

Year 1956

Frequency of Horizontal Visibility

TIME - G.M.T.

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	TOTAL
0 -200M			1	1	1/3	2																			7
>200 -500M		1				1/1	1																		3
>500 -1000M	1			1	1		1																		4
>1000 -1500M					1			1/1			1/1	1/1													4
>1500 -3000M					3		1		3/3	3/3	1/1	1/1	2/2	1/1											15
>3 -5KM					1	1																			2
>5 -10KM	1	1	1	1	2	3	1	2	2		2/2	1/1	1/2	1/3	2/3	1/2	1/1							1	29
>10 -15KM	2	3	3	4	5	9	8	8	6	7	7	8	7	5	4	2	1		1	1	1	2	2	3	99
>15	25	24	24	22	13	13	17	18	18	19	18	18	18	20	22	25	27	29	28	28	28	27	27	25	533
TOTAL	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	696

NOTE

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

Frequency of Different Heights of Cloud-Base (Amount 5 -8 Oktas)

TIME - G.M.T

Height	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
0 -50M	1	1	1	1	3	3	1																		11
>50 -150							1																		1
>150 -300							1	2	1						1										5
>300 -500							1	1																	2
>500 -900										1	1		1												3
>900	7	9	7	7	9	7	9	9	12	12	12	16	15	16	13	10	11	10	9	10	8	7	9	9	243

TABLE 13 [redacted] [redacted]

Year 1956.

Simultaneous Occurrences Of
Specified Visibility Ranges and Specified Lowest
Cloud Base (5 Oktas)

HEIGHT METERS	VISIBILITY 0-200M			>200-500M			> 0.5-1KM			> 1-1.5KM			> 1.5-3KM			> 3-5KM			> 5-10KM			> 10-15KM			> 15KM			TOTAL		
0-50																														
50-150																														
> 150-300																														
> 300-500																														
> 500-900																														
< 5/8 OR *	2				1	1			1				1					1		3	7	8	12	7	18	13	12	[illegible]	[illegible]	[illegible]
900	2			1	1								2	3	4	1	2	2	3	2	12	3	3	6	17	18	5	29	29	29
AND > 5/8			4		1	5			1	1		1	1		11	1		7	6		33	10	8	57	10	20	113	29	29	232
	2				1	1			1				1					1		3	7	8	12	7	18	13	12	29	29	29
TOTAL	2			1	1								1	3	4	1	2	2	3	2	12	3	3	6	17	18	5	29	29	29
			4		1	5			1	1		1	1		11	1		7	6		33	10	8	57	10	20	113	29	29	232

Note

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

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

To= Total for all hours

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

BASRAH AIRPORT

Month February
Year 1956

Simultaneous Occurrences Of Specified Visibility Ranges and Specified Lowest Cloud Base (≥ 5 Oktas)

HEIGHT METERS	VISIBILITY 0-200M			>200-500M			>0.5-1KM			>1-1.5KM			>1.5-3KM			>3-5KM			>5-10KM			>10-15KM			>15KM			TOTAL		
0-50		1				1	1																					1	1	1
			1			1			1																					3
>50-150															1															1
															1															1
>150-300																								1						1
																								1						1
>300-500									1																					1
																						1						1		
									1															1						2
>500-900																						1		1	1			2		1
																							1		1		1	1	1	1
																								3		1	4		1	7
(5/8 OR*								1										1	1	1	1	4	6	24	22	17	26	28	24
900													3	2					2	2	6	6	2	18	18	24	27	28	28
AND > 5/8									1						5					7	1	2	28	28	26	177	29	28	218
TOTAL		1				1	1	1	1						1			1	1	1	2	4	8	25	22	17	29	29	29
													3	2					2	2	7	7	2	19	18	25	29	29	29
			1			1			3						6					7	1	2	33	28	17	181	29	29	232

Note

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

00	03	06
09	12	15
18	21	To

G.M.T

To= Total for all hours

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

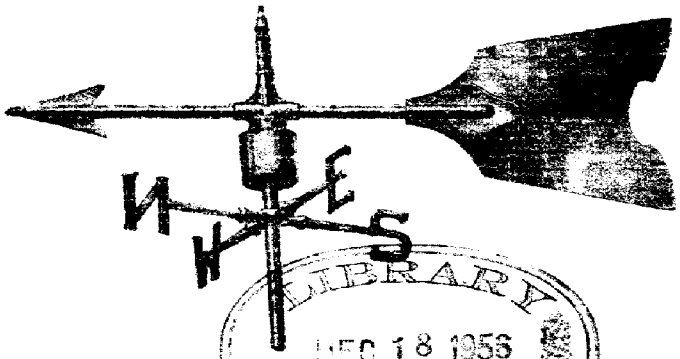
الحكومة العراقية

وزارة المواصلات والاشغال

مديرية الطيران المدني العامة

مديرية الانواء الجوية

التقرير الجوي الشهري
للعراق
بغداد



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DIRECTORATE GENERAL OF CIVIL AVIATION
METEOROLOGICAL DEPARTMENT

MONTHLY WEATHER REPORT FOR IRAQ

March 1956

BAGHDAD.

102 337

C O N T E N T S

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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.

PREPARED AND PUBLISHED

BY THE IRAQI METEOROLOGICAL DEPARTMENT

CLIMATOLOGICAL SECTION.

TABLE 1 (1) MARCH 1956

DAILY MAXIMUM AND MINIMUM TEMPERATURES

	BAGHDAD		MOSUL		KIRKUK		BASRA		HABBANIYA	
ATE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	23.1	9.5	16.0	1.6	16.1	5.4	23.4	13.7	24.4	7.8
2	18.1	10.5	17.6	4.6	18.3	7.8	25.9	14.2	17.8	7.2
3	22.4	6.2	17.9	3.4	17.4	4.7	20.6	9.1	21.6	5.0
4	21.8	7.6	15.6	4.9	16.0	7.2	25.3	9.5	21.6	6.6
5	21.0	9.0	15.0	7.7	14.2	7.4	28.7	11.2	20.5	10.0
6	21.3	6.2	20.7	3.4	20.5	5.1	26.5	12.7	21.6	5.5
7	26.3	7.5	20.6	3.1	21.4	6.1	28.9	13.7	26.6	5.5
8	23.6	14.1	18.6	11.5	18.2	12.3	29.4	15.1	22.8	13.3
9	22.8	14.4	19.3	5.7	19.2	9.2	25.0	16.4	23.9	10.0
10	24.3	10.9	22.9	4.2	22.0	7.1	25.8	11.8	23.9	5.0
11	25.1	8.8	21.4	9.1	20.1	10.7	27.7	13.3	26.6	8.3
12	26.3	15.0	17.0	10.8	17.9	13.8	28.2	16.1	27.2	16.1
13	20.0	4.6	18.5	3.9	17.9	5.3	20.8	14.2	21.1	4.4
14	24.6	7.0	21.8	6.1	21.2	7.8	24.7	11.2	23.9	6.1
15	26.4	12.8	20.7	8.8	22.4	11.2	30.[illegible]	15.2	24.4	11.6
16	24.7	13.5	21.7	5.1	22.8	11.7	22.8	13.2	24.4	11.6
17	20.5	8.3	17.2	3.8	15.8	8.5	24.4	14.9	19.4	8.3
18	20.7	4.6	18.3	4.6	18.0	4.7	21.4	10.8	20.0	4.4
19	23.3	7.7	20.4	2.6	20.4	5.6	22.5	9.2	25.0	9.4
20	21.2	15.7	11.8	9.4	12.4	10.6	28.9	14.7	26.1	15.5
21	22.8	8.8	19.1	5.0	18.6	6.8	23.8	13.4	22.2	8.9
22	22.0	9.4	18.1	2.9	18.8	7.6	25.0	13.9	19.4	8.3
23	20.5	9.8	15.4	7.1	15.6	8.4	23.4	13.2	18.3	7.8
24	17.8	5.6	15.4	1.6	14.2	2.2	21.1	9.6	16.6	5.0
25	18.9	5.9	15.0	2.7	14.5	4.8	19.8	7.0	18.9	2.8
26	20.2	9.5	14.9	4.9	15.0	7.3	26.6	11.3	21.6	7.2
27	20.8	4.6	16.4	0.9	15.8	3.9	19.3	11.8	19.4	3.9
28	20.4	7.4	16.1	-1.1	19.8	3.6	25.8	10.6	20.5	5.0
29	22.5	10.4	14.2	5.4	17.4	7.7	24.2	13.9	21.6	7.2
30	18.6	8.4	13.1	3.7	13.1	6.1	23.6	15.3	16.6	8.9
31	17.8	8.0	13.9	-2.0	13.4	1.1	19.6	11.9	16.6	6.1
EANS	21.9	9.1	17.6	4.7	17.7	7.2	24.6	12.7	21.8	7.8
ORMAL	21.8	9.0	18.9	5.4	18.5	7.3	24.1	12.6	22.6	9.1
EROID OF ORMAL	1937-1956		1923-1956		1938-1956		1937-1956		1937-1956	

TATION	MONTHLY MEAN TEMPERATURES GRASS MIN.	EARTH 1 FT.	EARTH 4 FT.	MONTHLY TOTAL SUNSHINE HOURS
AGHDAD	5.5	17.0	18.0	268.2
OSUL	2.0	12.8	14.7	215.3
IRKUK	...	13.3	14.6	.....
ASRA	...	....	....	252.7
ABBANIYA	3.8	18.3	19.1	252.6

TABLE 1-CONTINUED MARCH 1956

DAILY MAXIMUM AND MINIMUM TEMPERATURES

	KHANAQIN		RUTBA		HAI		DIWANIYA		NASIRIYA	
DATE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	20.0	8.6	17.5	4.3	24.1	7.6	25.0	6.2	22.9	11.5
2	20.0	10.0	16.1	4.3	19.8	12.2	17.0	12.3	21.9	12.8
3	21.0	7.2	14.5	3.7	22.1	5.1	23.6	4.1	22.6	5.8
4	19.4	10.8	18.0	3.6	23.8	9.1	24.2	6.2	24.9	10.8
5	16.1	11.7	18.0	4.1	25.3	8.8	24.0	5.4	27.2	10.7
6	23.3	4.4	20.5	2.2	24.4	10.2	23.4	9.5	25.8	11.2
7	25.3	7.8	18.6	6.8	27.2	10.2	26.5	10.0	24.7	11.5
8	21.1	13.3	18.0	7.2	23.4	14.4	23.4	13.2	25.7	14.8
9	21.1	10.6	20.5	4.3	23.4	11.8	23.9	8.8	25.9	11.2
10	24.4	7.2	23.2	8.3	25.2	9.4	23.6	8.6	26.7	9.4
11	24.1	10.0	21.5	7.2	27.4	11.8	27.4	9.4	29.8	11.0
12	24.1	15.0	17.0	9.8	23.5	16.3	26.2	14.6	26.1	16.0
13	19.7	6.6	20.2	2.2	20.5	10.0	20.0	7.0	21.3	10.0
14	25.8	9.4	20.0	2.5	25.3	9.0	23.6	6.7	27.6	6.2
15	26.1	10.6	20.4	7.8	28.8	12.0	29.8	11.7	30.0	13.0
16	25.0	11.1	19.2	6.4	20.9	10.6	26.2	13.5	22.3	11.2
17	17.2	10.0	15.6	3.2	19.6	13.4	17.5	11.5	20.3	11.2
18	18.0	4.7	19.2	1.0	20.3	5.8	20.0	4.4	22.5	5.8
19	20.3	6.6	22.0	5.0	24.7	8.5	24.5	6.2	24.9	6.6
20	15.6	12.2	15.7	8.8	20.3	11.9	26.2	13.0	26.9	13.3
21	21.7	10.0	20.3	3.3	23.0	9.5	22.5	9.5	24.7	10.8
22	21.1	7.2	20.2	7.7	25.5	9.6	21.5	11.0	25.4	11.0
23	19.4	8.9	14.8	7.3	22.0	9.6	21.7	7.5	24.9	10.5
24	13.9	2.8	12.4	0.5	18.4	5.9	18.0	7.5	21.7	7.0
25	16.7	1.6	16.5	2.4	19.0	6.4	20.4	3.5	20.4	3.8
26	18.3	9.4	14.9	2.0	22.2	7.4	22.7	7.5	24.4	9.4
27	18.9	2.8	16.5	0.2	20.1	5.4	20.0	4.5	21.2	6.8
28	21.9	3.9	13.2	8.0	23.9	6.3	24.5	4.0	22.2	6.3
29	21.2	12.8	15.7	2.7	23.6	9.4	24.5	9.6	26.6	10.2
30	15.8	10.0	12.6	3.0	20.1	12.5	20.5	10.5	24.2	13.5
31	13.3	5.5	9.5	0.7	16.1	8.0	17.0	7.7	19.0	10.6
MEANS	20.3	8.5	17.5	4.5	22.7	9.6	22.9	8.6	24.1	10.1
NORMAL	20.6	8.3	19.5	3.1	23.3	6.6	23.4	8.5	24.0	10.8
PEROID OF NORMAL	1939- 1956		1928- 1956		1940- 1956		1939- 1956		1940- 1956	

NOTE: TEMPERATURES ARE IN CENTIGRADE.

TABLE 2 MARCH 1956

MONTHLY MEAN TEMPERATURES (IN CENTIGRADE) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	11.3	10.0	14.0	19.1	20.8	18.8	14.8	12.1	15.1
MOSUL	6.8	6.1	9.5	15.0	16.3	14.1	9.9	8.0	10.7
KIRKUK	8.8	8.2	11.6	15.6	17.3	14.3	10.8	9.8	[illegible]
KHANAQIN	....	9.5	14.2	....	19.6	17.0	13.5	....	14.8
RUTBA	6.4	5.2	8.9	10.9	16.4	15.0	10.7	8.0	10.2
HAI	11.9	10.2	15.7	20.6	21.6	19.1	15.2	....	16.3
DIWANIYA	10.9	9.4	15.4	20.3	21.8	19.2	14.8	12.6	15.6
NASIRIYA	12.5	11.1	16.2	21.7	23.5	20.7	16.5	14.3	17.1
BASRA	14.5	13.4	17.7	22.2	23.3	20.6	17.3	15.5	18.1
HABBANIYA	10.0	8.8	13.4	19.1	20.9	18.6	14.3	14.3	14.6

TABLE 3

MONTHLY MEAN PRESSURE (IN MILLIBARS) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	12.5	12.2	14.0	13.5	11.8	11.7	13.0	13.2	12.7
MOSUL	13.6	13.9	14.7	14.0	12.6	12.8	14.0	14.1	13.7
KIRKUK	12.2	12.5	13.2	12.3	11.1	11.7	12.6	12.9	12.3
KHANAQIN	....	13.9	13.2	....	11.2	12.0	13.7	....	12.8
RUTBA	13.5	14.1	15.3	14.6	12.9	13.2	14.3	14.2	14.0
HAI	12.6	12.4	13.4	12.9	11.6	11.7	12.6	....	12.5
DIWANIYA	11.7	12.0	13.3	12.7	11.1	11.3	12.5	12.3	12.1
NASIRIYA	11.8	12.4	13.6	12.9	11.1	11.3	12.5	12.7	12.3
BASRA	11.6	12.1	13.5	12.9	11.0	11.2	12.5	12.5	12.2
HABBANIYA	12.5	12.8	14.2	13.5	11.9	11.9	13.0	13.1	12.9

TABLE 4

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	67	72	60	42	34	40	53	62	54
MOSUL	89	90	81	62	53	60	78	85	75
KIRKUK	75	78	69	52	47	55	70	73	65
KHANAQIN	..	73	56	..	33	39	52	..	51
RUTBA	67	73	60	41	34	38	51	60	53
HAI	70	75	58	41	37	45	57	...	55
DIWANIYA	65	70	57	41	34	39	53	5[illegible]	51
NASIRIYA	66	69	53	32	29	36	51	57	49
BASRA	81	86	72	58	55	62	73	79	71
HABBANIYA	68	70	59	37	30	37	51	60	51

TABLE 5

MARCH 1956.

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	8.7	8.7	9.3	8.5	8.2	8.5	8.5	9.0	8.7
MOSUL	8.9	8.6	9.7	10.6	9.8	9.6	9.7	9.3	9.5
KIRKUK	9.0	8.5	9.5	9.3	9.0	9.2	9.2	9.0	9.1
KHANAQIN	...	8.6	9.2	....	7.4	7.5	8.2	...	8.2
RUTBA	6.5	6.5	7.0	6.6	6.4	6.4	6.7	6.5	6.6
HAI	9.8	9.5	10.4	9.8	9.4	9.9	9.9	...	9.8
DIWANIYA	8.4	8.2	9.9	9.7	8.7	8.7	9.0	8.6	8.9
NASIRIYA	9.6	9.4	9.9	8.2	8.2	8.8	9.6	9.5	9.2
BASRA	13.6	13.3	14.7	15.7	15.7	15.2	14.5	14.0	14.6
HABBANIYA	8.4	8.1	9.1	8.2	7.6	8.0	8.5	8.3	8.3

TABLE 6

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	4.8	4.6	5.6	3.9	3.4	3.9	4.5	4.8	4.4
MOSUL	5.0	4.5	6.2	7.4	6.2	6.0	6.1	5.5	5.9
KIRKUK	4.7	4.2	5.8	5.2	4.6	4.9	3.6	5.0	4.8
KHANAQIN	...	4.5	5.5	...	3.6	3.1	4.2	...	4.2
RUTBA	0.6	0.4	1.8	0.6	0.0	0.1	0.4	0.2	0.5
HAI	6.5	5.9	7.1	6.1	5.5	6.3	6.4	...	6.3
DIWANIYA	4.1	3.7	6.3	5.7	4.4	4.4	4.7	3.8	4.7
NASIRIYA	6.1	5.6	6.2	3.9	3.6	4.5	6.2	6.2	5.3
BASRA	11.1	10.9	12.3	13.1	13.1	12.8	12.2	11.7	12.2

TABLE 7

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	0.5	0.3	0.3	0.9	1.3	1.0	0.5	0.3	0.7
MOSUL	2.5	3.6	2.8	3.1	3.5	3.1	2.0	3.4	2.9
KIRKUK	2.4	2.5	2.8	2.8	3.3	2.4	1.8	2.8	2.6
KHANAQIN	...	4.2	3.0	...	4.4	4.1	3.2	...	3.8
RUTBA	0.7	1.3	1.8	2.7	3.2	2.4	1.2	0.6	1.7
HAI	1.8	1.8	1.4	1.8	2.2	1.5	1.0	...	1.6
DIWANIYA	1.0	1.0	1.0	2.0	2.0	1.5	1.0	1.0	1.3
NASIRIYA	0.7	1.0	1.2	1.2	1.5	1.3	0.7	0.4	1.0
BASRA	0.2	0.4	0.1	0.6	0.5	0.3	0.1	0.3	0.3
HABBANIYA	0.3	[illegible].2	0.3	0.9	1.5	0.9	0.3	0.3	0.6

TABLE 8

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	3.1	3.9	3.1	4.0	4.2	4.5	2.6	2.7	3.5
MOSUL	3.8	5.4	4.4	5.0	5.3	4.7	3.4	3.6	4.5
KIRKUK	3.8	4.3	4.5	5.2	5.1	4.0	3.6	4.3	4.4
KHANAQIN	...	4.8	4.4	...	6.1	5.4	3.5	...	4.8
RUTBA	1.9	3.2	3.4	4.5	4.1	4.4	2.7	1.7	3.2
HAI	3.4	3.4	3.4	4.0	4.6	4.7	2.8	...	3.8
DIWANIYA	2.0	2.5	2.9	4.0	4.0	4.2	2.0	2.0	3.0
NASIRIYA	2.2	3.1	3.6	3.8	4.0	3.8	2.6	1.7	3.1
BASRA	2.5	3.5	3.5	3.4	3.5	3.5	2.5	2.3	3.1
HABBANIYA	2.4	3.3	3.2	3.5	3.9	3.5	3.2	2.5	3.2

TABLE 9 MARCH 1956

DAILY PRECIPITATION UNIT (MILLIMETERS, TR. < 0.05 mm)

DATE	BAGHDAD	MOSUL	KIRKUK	RUTBA	HAI	DIWANIYA	NASIRIYA	BASRA	HABBANIYA	KHANAQIN
1	1.8	tr.	3.6		tr.	0.4	tr.			
2	0.1	tr.	tr.	tr.	1.4	2.2	tr.	tr.		0.8
3	tr.	6.4	0.3	tr.					tr.	0.7
4		4.2	5.3							
5										0.4
6										0.4
7	13.5	3.5	18.4	tr.	1.7	2.1	3.2	6.2	0.8	
8		2.7	tr.		tr.					
9										21.7
10										
11	tr.	0.9	0.9							
12		1.1	2.7				tr.	1.7		
13			tr.							2.3
14	tr.		tr.				tr.		tr.	
15										
16	0.6	2.3			tr.	0.1	3.6	2.3	tr.	
17										
18										2.3
19	tr.	1.5	2.1	2.8	0.6	0.5	3.0	0.3	tr.	
20	0.2	11.6	0.9			0.8				
21										9.2
22	1.0	1.1	1.2		0.1	0.9	tr.	0.6	1.3	4.8
23		0.3		tr.		tr.				0.4
24		0.3								
25		0.5	0.3							
26										
27										
28	0.1	2.2	0.9	0.7					tr.	
29	2.4	10.4	4.3	1.8	0.4		0.3		0.2	0.4
30	0.4	11.3	tr.	1.2			tr.		2.7	3.0
31	tr.					0.3				1.9
TOTAL	26.1	50.3	40.9	6.5	4.2	7.2	10.1	11.1	5.0	48.3

TABLE 10

NUMBER OF CASES OF :-

STATION	RAIN	SNOW	HAIL	THUNDERSTORM	FOG	DUST	CLEAR	CLOUDY
BAGHDAD	7	0	0	0	0	3	4	2
MOSUL	16	0	0	2	4	0	2	5
KIRKUK	12	0	0	2	0	0	3	6
KHANAQIN	13	0	0	2	1	0	1	9
RUTBA	4	0	1	1	0	0	5	1
HAI	4	0	0	0	0	1	4	2
DIWANIYA	7	0	0	0	0	0	6	0
NASIRIYA	4	0	0	2	0	2	8	0
BASRA	5	0	0	4	1	0	7	1
HABBANIYA	4	0	0	1	0	1	4	0

TABLE 11

MARCH 1956

MONTHLY TOTAL RAINFALL AT SELECTED STATIONS

STATION	LAT(N)	LONG(E)	HEIGHT ABOVE M.S.L. IN METERS	TOTAL RAINFALL IN MILLIMETERS
AMADIA	37.05	43.30	1236	146.7
AQRA	36.45	43.53	716	263.4
RAWANDUZ	36.37	44.33	1006	150.0
TEL AWAINAT	36.41	42.24	346	63.8
SINJAR	36.19	41.50	576	57.1
TELAFAR	36.22	42.28	373	41.0
ARBIL	36.11	44.00	414	43.3
HAWIJA	36.31	44.18	305	32.7
SULAIMANIYA	35.33	45.27	853	106.4
AUSTASHARIF	35.33	45.27	-	115.6
PENJWIN	35.37	45.58	1311	22.0
BAKRAJO	35.34	45.23	750	91.7
HALABJA	35.11	45.59	724	87.3
IFTIKHAR	35.03	44.27	204	2.5
SALAHDDIN	36.27	44.13	1088	111.0
RAYAT	36.41	44.57	2610	96.0
SANAT	36.46	42.48	-	257.6
DUHOK	36.52	43.02	860	128.9
MIRZA RUSTAM	36.03	44.56	459	13.9
SHAQLAWA	36.23	44.20	-	116.5
SARSANK	36.58	43.32	1046	88.9
TUZ	34.53	44.39	220	10.2
ANA	34.28	41.27	-	6.0
AL MANSOOR	34.05	45.01	68	67.1
JALAWLA	34.16	45.09	119	14.2
HIT	33.38	42.50	58	33.0
MANDILY	33.45	45.33	137	7.0
KARBALA	32.37	44.01	29	30.5
HINDIYA	32.42	44.17	24	15.8
HILA	32.29	44.26	27	17.0
KUT	32.30	45.45	19	22.9
NUKHAIB	33.02	42.15	305	5.0
AMARA	31.51	47.10	9	8.6
SHABICHA	30.42	43.41	-	4.0
SAMAWA	31.18	45.16	6	6.6
BADAA	31.26	46.11	9	5.5
MAQIL	30.34	47.47	2	6.4

SURFACE WIND - NUMBER OF OBSERVATIONS

BAGHDAD

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	4	4	5	4	1	3	3	7	0	7
0300	4	3	6	3	1	3	3	8	0	7
0600	2	3	4	3	2	0	7	9	1	9
0900	3	1	0	6	4	4	3	10	0	13
1200	3	1	1	3	2	3	6	12	0	13
1500	4	0	3	3	2	2	8	9	0	11
1800	3	1	6	3	5	1	4	6	2	7
2100	5	4	3	1	5	2	3	6	2	6
TOTAL	28	17	28	26	22	18	37	67	5	9

MOSUL

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	2	5	0	0	0	2	2	3	17	3
0300	5	0	3	1	3	2	4	3	10	4
0600	6	3	3	5	0	2	7	5	0	6
0900	4	4	7	4	4	1	5	1	1	7
1200	7	4	2	2	6	3	6	1	0	9
1500	2	2	7	0	6	1	10	0	3	6
1800	4	4	0	2	2	1	8	3	7	5
2100	7	3	3	0	1	1	4	2	10	5
TOTAL	37	25	25	14	22	13	46	18	48	6

KIRKUK

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	2	11	11	3	2	0	0	2	0	6
0300	2	11	9	2	4	1	1	1	0	5
0600	2	2	3	5	10	0	3	5	1	5
0900	1	1	3	1	9	4	5	3	4	6
1200	3	0	3	0	10	4	3	6	2	8
1500	3	2	2	0	6	5	6	6	1	6
1800	6	8	4	1	4	0	1	4	3	5
2100	7	10	5	3	2	1	0	3	0	5
TOTAL	26	45	40	15	47	15	19	30	11	6

KHANAQIN

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	-	-	-	-	-	-	-	-	-	-
0300	0	0	15	1	5	0	3	0	7	5
0600	1	1	12	1	1	1	5	1	8	6
0900	-	-	-	-	-	-	-	-	-	-
1200	4	0	0	0	10	0	16	1	0	9
1500	8	2	2	0	7	0	8	1	3	6
1800	2	0	8	2	5	0	7	1	6	6
2100	-	-	-	-	-	-	-	-	-	-
TOTAL	15	3	37	4	28	1	39	4	24	6

TABLE 12-CONTINUED MARCH 1956

SURFACE WIND - NUMBER OF OBSERVATIONS

R U T B A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	1	1	2	2	3	3	13	2	4	5
0300	1	0	1	1	6	5	11	0	6	5
0600	2	0	0	2	5	5	10	3	4	9
0900	2	2	3	3	4	2	6	6	3	11
1200	1	1	6	2	5	2	8	6	0	12
1500	1	2	8	2	1	5	5	7	0	11
1800	2	3	8	2	4	3	4	5	0	7
2100	0	2	9	2	2	2	10	3	1	5
TOTAL	10	11	37	16	30	27	67	32	18	8

H A I

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	2	0	6	0	0	1	12	4	1	5
0300	2	1	5	2	1	0	14	2	4	6
0600	4	1	6	0	2	1	11	4	2	7
0900	5	0	3	3	4	0	10	4	2	9
1200	1	0	3	1	5	1	16	2	2	9
1500	0	1	4	0	3	0	12	3	8	5
1800	1	1	4	0	0	1	12	5	7	6
2100	-	-	-	-	-	-	-	-	-	-
TOTAL	15	4	31	6	15	4	87	24	26	7

D I W A N I Y A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	8	2	4	1	2	3	4	0	7	7
0300	6	3	6	2	0	0	9	1	4	8
0600	5	2	6	1	2	2	7	3	3	9
0900	6	1	3	2	4	1	12	2	0	11
1200	9	0	2	2	2	1	14	1	0	11
1500	8	1	4	1	0	2	13	1	1	8
1800	8	2	6	1	0	2	5	1	6	7
2100	8	1	5	0	1	2	6	1	7	7
TOTAL	58	12	36	10	11	13	70	10	28	9

N A S I R I Y A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	9	1	5	2	5	1	5	2	1	7
0300	6	0	4	3	2	4	8	3	1	6
0600	5	4	3	3	3	1	8	4	0	9
0900	5	1	3	4	3	2	6	7	0	11
1200	7	1	7	0	3	1	7	5	0	12
1500	7	1	7	1	1	1	6	7	0	9
1800	8	1	7	0	1	1	6	7	0	8
2100	8	1	7	3	3	0	2	7	0	8
TOTAL	55	10	43	16	21	11	48	42	2	9

TABLE 12-CONTINUED

MARCH 1956

SURFACE WIND - NUMBER OF OBSERVATIONS

BASRA

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	6	4	3	2	5	0	2	6	3	4
0300	3	0	7	0	1	1	2	9	8	4
0600	2	5	2	4	2	0	5	9	2	6
0900	4	0	2	3	3	1	6	9	3	7
1200	4	0	3	1	3	0	2	14	4	7
1500	2	1	2	2	3	2	3	14	2	7
1800	8	2	1	5	1	1	3	8	2	5
2100	5	2	2	3	2	0	4	8	5	5
TOTAL	34	14	22	20	20	5	27	77	29	6

HABBANIYA

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	3	2	2	2	2	1	3	4	12	4
0300	1	2	5	0	0	0	7	6	10	4
0600	3	3	2	1	1	0	9	6	6	8
0900	2	2	1	3	4	2	6	11	0	10
1200	1	1	3	1	4	0	10	10	1	10
1500	2	1	2	2	4	0	5	10	5	8
1800	4	1	3	2	3	0	2	9	7	7
2100	4	1	4	1	1	0	4	7	9	5
TOTAL	20	13	22	12	19	3	46	63	50	7

TABLE 13

NUMBER OF CASES WITH SELECTED WIND - FORCE (ALL OBSERVATIONS)

WIND FORCE	BAGHDAD	MOSUL	KIRKUK	RUTBA	HAI	DIWANIYA	NASIRIYA	BASRA	HABBANIYA	KHANAQIN
1-10	161	166	185	163	138	144	181	176	140	107
11-21	76	31	42	56	52	69	62	42	51	23
22-33	6	2	0	8	1	7	3	1	7	3
≥ 34	0	1	0	0	0	0	0	0	0	0

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

2- C - MEANS CALM.

V.K. MEANS WIND VELOCITY IN KNOTS.

TABLE 14

BAGHDAD AIRPORT

Year 1956.

Frequency of Horizontal Visibility

TIME - G.M.T.

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	TOTAL
0 -200M																									
> 200 -500M																									
> 500 -1000M															1										1
> 1000 -1500M													1/1												1
> 1500 -3000M					1	2	2							1/1			2/2		1						9
> 3 -5KM					3	2						1/1	1/1				1	1/1			2				11
> 5 -10KM				4	1/7	3	2	1		1/1	2/2	1/3	2/2	1/2	3/5	3	5	1/3	1/2	3		2	2	1	55
> 10 -15KM	9	8	12	13	13	11	8	10	4	3	6	3		2	2	9	12	15	16	10	11	8	6	8	199
> 15KM	22	23	19	14	7	15	19	20	27	27	23	24	27	26	23	19	11	10	12	18	18	21	23	22	468
TOTAL	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	744

NOTE

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

Frequency Of Different Heights of Cloud-Base (Amount 5-8 Oktas)

TIME - G.M.T.

Height	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	TOTAL
0 -50M																									
> 50 -150M																									
> 150 -300M																									
> 300 -500M																									
> 500 -900M									1	1															2
> 900	5	4	4	3	5	5	5	5	8	6	6	6	4	6	7	4	3	2	3	1	2	4	5	5	106

BASRAH AIRPORT

Year 1956.

Frequency of Horizontal Visibility

T I M E - G.M.T.

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	TOTAL
0 -200M																									
>200 -500M				1																					1
>500 -1000M																									
>1000 -1500M				1													1/1						1/1		3
>1500 -3000M					2								1/1	1/1	1/1	1/1		2/2	1/1	1/1	1/1	1/1		1/1	13
>3 -5KM				1	3			1/1				1/1							1/1			1/1			8
>5 -10KM	1/1	1	1	2/8	2/7	1/1	1/1	1/1	2/2	2/2			1	1	1	1/2	1/2	1	1	2/2		1	1/1	1/1	39
>10 -15KM	6	7	4	3	6	12	6	2	4	3	4	4	2	2	1		1	2	4	4	5	3	4	5	94
>15	24	23	26	17	13	18	24	27	25	26	27	26	27	27	28	28	27	26	24	24	25	25	25	24	586
TOTAL	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	744

Note

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

Frequency Of Different Heights Of Cloud - Base (Amount 5-8 Oktas)

T I M E - G.M.T.

Height	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	TOTAL
0 -50M																									
>50 -150M																									
>150 -300M																									
>300 -500M																									
>500 -900M																									
>900M	9	10	10	16	16	17	15	13	13	14	15	14	13	14	15	15	11	9	9	9	9	9	7	5	287

TABLE 15 BAGHDAD AIRPORT

Month MARCH
Year 1956.

Simultaneous Occurrences Of
Specified Visibility Ranges and Specified Lowest
Cloud Base (≥ 5 Oktas)

HEIGHT METERS	VISIBILITY 0-200M			>200-500M			>0.5-1KM			>1-1.5KM			>1.5-3KM			>3-5KM			>5-10KM			>10-15KM			>15KM			TOTAL		
(-50)																														
>50-150																														
>150-300																														
>300-500																														
>500-900																														
< 5/8 OR*															1			1		4	2	9	13	8	22	14	19	31	31	31
> 900M											1				1				1	2	2	3	1	9	27	27	19	31	31	31
AND ≥ 5/8												1	1		3			1	3	2	16	15	8	66	12	21	161	31	31	248
															1			1		4	2	9	13	8	22	14	19	31	31	31
TOTAL											1				1				1	2	2	3	1	9	27	27	19	31	31	31
												1	1		3			1	3	2	16	15	8	66	12	21	161	31	31	248

Note

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

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

To=Total for all hours

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

Month MARCH
Year 1956.

BASRAH AIRPORT

Simultaneous Occurrences Of
Specified Visibility Ranges and Specified Lowest
Cloud Base (≥ 5 Oktas)

HEIGHT METERS	VISIBILITY 0-200M			200-500M			0.5-1KM			1-1.5KM			1.5-3KM			3-5KM			5-10KM			10-15KM			15KM			TOTAL		
0-50																														
50-150																														
150-300																														
300-500																														
500-900																														
< 5/8 OR*					1						1						1		1	8	1	6	3	6	24	17	24	31	31	31
> 900														1	1				2	1	2	3	2		26	27	28	31	31	31
AND ≥ 5/8						1						1	1	1	4	1	1	3	1	1	17	4	3	27	24	25	195	31	31	248
TOTAL					1						1						1		1	8	1	6	3	6	24	17	24	31	31	31
														1	1				2	1	2	3	2		26	27	28	31	31	31
						1						1	1	1	4	1	1	3	1	1	17	4	3	27	24	25	195	31	31	248

Note

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

00	03	06
09	12	15
18	21	To

G.M.T.

To=Total for all hours

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

الحكومة العراقية

وزارة المواصلات والاشغال

مديرية الطيران المدني العامة

مديرية الانواء الجوية

التقرير الجوي الشهري
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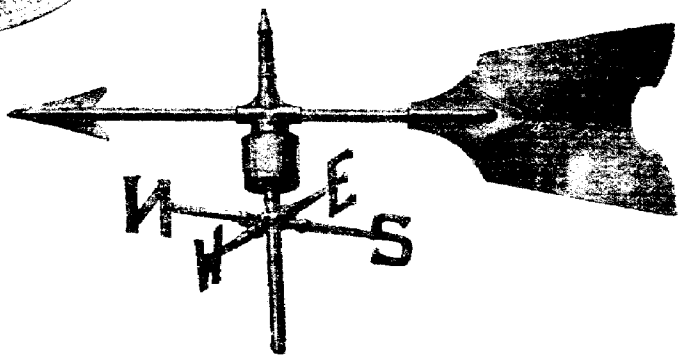

GOVERNMENT OF IRAQ
MINISTRY OF COMMUNICATIONS AND WORKS
DIRECTORATE GENERAL OF CIVIL AVIATION
METEOROLOGICAL DEPARTMENT

MONTHLY WEATHER REPORT FOR IRAQ.

april 1956

Met. Service

BAGHDAD.

C O N T E N T S

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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.

PREPARED AND PUBLISHED

BY THE IRAQI METEOROLOGICAL DEPARTMENT

CLIMATOLOGICAL SECTION.

TABLE 1 APRIL 1956

DAILY MAXIMUM AND MINIMUM TEMPERATURES

	BAGHDAD		MOSUL		KIRKUK		BASRA		HABBANIYA	
DATE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	17.2	1.2	15.5	-1.6	15.4	2.2	17.3	7.2	17.2	.2
2	21.4	2.0	18.1	-1.1	17.6	4.2	20.4	7.9	22.2	2.2
3	23.6	10.2	17.2	9.2	19.2	9.2	28.6	8.9	22.8	9.4
4	23.3	15.1	22.1	7.4	19.3	15.8	27.4	12.3	26.1	13.3
5	26.8	12.5	23.1	6.6	22.2	10.7	26.1	15.1	25.0	12.2
6	26.5	12.8	22.7	5.4	22.8	10.1	25.0	13.1	26.1	12.2
7	28.0	13.[illegible]	24.6	11.8	27.3	1[illegible].9	26.5	14.4	28.9	13.9
8	32.0	20.1	28.6	12.8	30.4	19.9	34.8	15.8	31.1	22.2
9	31.3	19.8	21.9	12.1	26.2	15.9	35.5	20.1	33.3	19.4
10	33.0	20.6	26.8	12.2	31.2	15.2	34.4	22.2	35.5	18.3
11	25.6	17.6	13.6	11.1	23.6	14.9	35.9	21.0	25.0	16.6
12	16.1	12.1	20.2	6.4	18.2	10.0	32.8	19.7	17.2	11.6
13	25.6	8.4	22.6	5.0	24.5	8.4	26.4	16.6	25.5	7.2
14	26.4	8.2	24.7	4.2	24.4	8.4	29.4	17.2	28.3	8.9
15	25.8	15.5	26.1	6.3	24.1	10.0	29.8	18.6	22.8	14.4
16	20.9	14.4	19.2	13.4	22.6	14.7	29.6	19.9	23.3	14.4
17	23.5	16.6	22.7	14.6	22.0	16.1	29.4	17.6	20.0	16.1
18	24.8	15.7	22.6	12.8	20.3	14.5	30.3	19.2	21.6	14.4
19	25.8	16.5	25.9	9.7	22.6	13.0	29.7	21.2	24.4	15.0
20	28.3	14.8	25.3	9.8	25.6	12.2	28.7	19.4	28.3	15.0
21	30.6	16.1	27.3	11.9	26.9	14.8	30.3	19.0	30.5	16.6
22	30.7	16.7	26.8	12.4	27.1	16.5	31.8	22.2	30.0	16.6
23	30.6	16.4	27.9	11.7	28.5	14.8	31.4	20.8	30.0	17.8
24	32.8	14.8	30.4	11.1	30.5	14.2	30.4	18.9	32.8	16.1
25	37.3	17.5	33.9	12.3	32.8	17.6	34.2	19.0	38.3	20.0
26	33.3	15.5	30.2	10.7	31.1	18.2	40.7	21.9	31.6	18.9
27	31.1	16.4	28.7	8.8	28.6	14.4	32.8	19.9	30.0	17.2
28	31.8	14.7	30.2	7.9	28.9	13.6	31.0	19.4	33.3	16.1
29	33.3	17.3	31.8	14.6	30.6	18.4	33.9	21.0	28.3	15.5
30	33.2	16.8	28.6	11.5	24.2	15.8	29.2	20.0	28.9	17.2
MEANS	27.7	14.4	24.6	9.4	25.0	13.2	30.0	17.7	27.3	14.4
NORMAL	29.3	14.3	24.6	9.6	25.4	12.4	30.0	17.7	29.6	12.8
PEROID OF NORMAL	1937-1956		1923-1956		1938-1956		1937-1956		1937-1956	

STATION	MONTHLY MEAN TEMPERATURES			MONTHLY TOTAL SUNSHINE HOURS
	GRASS MIN.	EARTH 1 FT.	EARTH 4 FT.	
BAGHDAD	11.2	20.6	19.7	245.6
MOSUL	5.9	16.9	16.1	233.4
KIRKUK	....	17.1	16.1	.....
BASRA	....	....	....	232.4
HABBANIYA	11.9	22.4	20.5	233.5

BLE 1-CONTINUED

APRIL 1956.

DAILY MAXIMUM AND MINIMUM TEMPERATURES

	KHANAQIN		RUTBA		HAI		DIWANIYA		NASIRIYA	
TE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	14.4	0.5	16.2	-2.0	17.6	1.9	18.0	3.6	19.3	4.3
2	20.0	1.6	21.4	2.0	21.0	4.8	21.4	2.4	23.6	3.6
3	23.6	8.3	28.1	10.6	25.1	8.2	26.7	6.2	28.4	10.5
4	23.3	17.2	20.2	7.3	23.5	13.5	24.2	16.0	27.6	15.2
5	23.6	12.8	19.8	7.3	22.8	12.6	25.7	10.8	25.6	13.7
6	23.6	13.0	24.2	6.0	25.1	12.9	26.4	12.5	27.0	14.4
7	27.8	12.2	28.5	14.4	29.8	13.0	31.0	12.3	31.6	12.2
8	31.1	20.0	29.1	15.1	32.8	17.0	34.0	16.2	37.2	16.0
9	27.5	16.1	25.6	18.9	30.8	17.4	31.8	17.3	33.9	18.3
10	35.6	16.7	30.5	12.4	29.8	21.0	24.3	20.4	32.3	20.3
11	26.1	22.8	17.3	10.7	31.4	20.2	30.3	20.2	35.4	22.0
12	16.1	12.2	19.0	8.7	22.2	14.8	17.8	13.3	27.8	17.9
13	23.9	9.4	21.5	6.1	25.5	12.4	25.5	10.9	27.4	13.2
14	25.6	9.4	23.7	6.0	28.0	10.7	28.3	9.0	30.6	13.0
15	22.8	13.3	18.0	12.0	28.5	15.1	21.5	16.9	24.4	18.5
16	20.0	16.1	19.0	10.0	21.3	15.6	19.6	15.2	24.3	18.3
17	25.0	16.7	19.8	10.6	27.6	15.7	26.0	14.6	29.0	14.2
18	23.9	13.9	15.5	12.5	28.2	15.0	26.0	14.0	32.2	14.6
19	25.6	14.4	22.2	11.5	28.9	18.1	26.6	16.3	30.1	17.5
20	26.7	13.9	28.1	11.5	30.4	16.7	28.8	14.4	32.2	17.2
21	27.8	14.4	28.7	14.0	31.6	15.9	30.9	16.2	33.2	17.2
22	29.2	15.6	27.0	12.3	32.5	18.2	30.3	17.4	34.0	19.5
23	29.2	15.6	26.8	13.0	31.5	17.6	29.5	16.9	33.3	17.0
24	30.6	14.4	31.2	14.2	32.5	16.8	32.4	16.0	34.2	17.4
25	33.9	17.2	33.7	14.5	35.8	16.8	36.6	15.9	37.9	16.9
26	33.0	27.8	27.9	14.0	36.0	19.2	34.4	16.2	41.1	19.6
27	29.4	15.0	25.7	12.3	32.7	17.5	31.7	17.4	35.1	16.4
28	30.6	16.7	30.5	13.2	32.5	15.2	33.2	13.6	34.0	16.0
29	31.1	16.7	24.5	12.5	31.6	18.8	29.9	15.2	37.7	18.5
30	24.4	16.7	28.7	13.0	28.5	15.8	28.2	18.2	30.4	19.0
EANS	26.2	14.4	23.9	10.8	28.5	14.9	28.0	14.2	31.0	15.7
ORMAL	27.7	13.0	25.8	10.2	29.8	15.3	30.2	13.7	30.4	16.2
EROID OF ORMAL	1939-	1956	1928-	1956	1940-	1956	1939-	1956	1940-	1956

NOTE: TEMPERATURES ARE IN CENTIGRADE.

TABLE 2 APRIL 1956

MONTHLY MEAN TEMPERATURES (IN CENTIGRADE) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	16.5	15.4	20.0	24.2	26.6	25.2	20.7	18.2	20.8
MOSUL	11.5	10.6	16.4	22.3	23.5	20.7	15.6	13.4	16.7
KIRKUK	14.7	14.4	19.1	22.3	23.7	21.5	17.9	16.4	18.8
KHANAQIN	....	15.3	21.5	....	25.0	23.3	18.0	....	20.6
RUTBA	12.3	11.5	16.0	20.5	22.5	21.4	17.3	14.5	17.0
HAI	17.0	15.5	21.5	26.1	26.9	24.8	20.8	....	21.8
DIWANIYA	16.4	15.1	21.0	25.6	27.2	24.9	20.4	18.3	21.1
NASIRIYA	17.9	16.2	23.0	28.5	29.5	26.4	22.4	20.1	23.0
BASRA	19.5	18.2	23.2	27.8	28.5	25.7	22.7	21.1	23.4
HABBANIYA	16.5	15.0	19.8	25.0	26.6	25.2	20.8	18.6	20.9

TABLE 3

MONTHLY MEAN PRESSURE (IN MILLIBARS) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	10.6	11.1	09.8	11.7	10.2	09.5	10.8	10.8	10.5
MOSUL	12.4	12.6	13.0	12.1	10.6	10.5	11.8	12.3	11.9
KIRKUK	10.8	11.1	11.2	10.4	09.1	09.2	10.5	10.7	10.4
KHANAQIN	....	11.9	11.0	....	09.7	09.6	11.0	....	10.6
RUTBA	12.1	12.7	13.3	12.7	11.1	10.9	12.4	12.4	12.2
HAI	10.1	10.7	11.7	11.3	09.7	09.6	10.5	....	10.5
DIWANIYA	09.9	10.5	11.6	11.1	09.4	12.4	10.1	10.2	10.7
NASIRIYA	10.4	10.9	11.9	11.0	09.5	09.4	10.5	10.7	10.5
BASRA	10.4	10.9	11.8	11.4	09.7	09.4	10.5	10.7	10.6
HABBANIYA	10.6	11.2	12.2	11.5	10.0	09.5	10.6	10.7	10.8

TABLE 4

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	65	67	55	40	34	38	53	62	52
MOSUL	84	86	71	57	45	54	74	81	68
KIRKUK	68	70	56	45	39	44	57	62	55
KHANAQIN	..	66	52	..	41	44	54	..	51
RUTBA	69	70	54	42	36	39	54	74	55
HAI	68	71	55	40	37	44	56	..	53
DIWANIYA	65	72	57	42	36	40	52	58	53
NASIRIYA	58	64	46	30	27	37	50	57	46
BASRA	73	77	60	45	43	50	61	69	60
HABBANIYA	67	71	56	39	36	39	54	59	53

TABLE 5 APRIL 1956

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	11.8	11.7	12.7	11.8	11.0	11.4	12.5	12.7	11.9
MOSUL	11.7	11.3	13.4	13.7	12.8	12.8	13.2	12.5	12.7
KIRKUK	11.4	11.5	12.4	11.9	11.[illegible]	11.0	11.6	11.7	11.6
KHANAQIN	....	11.1	12.2	....	12.3	11.6	11.9	....	11.8
RUTBA	9.9	9.7	9.7	9.4	9.0	9.0	10.2	10.5	9.7
HAI	13.4	12.9	14.0	13.2	12.8	13.6	13.7	....	13.4
DIWANIYA	12.1	12.5	14.1	13.2	12.7	12.1	12.3	12.4	12.7
NASIRIYA	12.2	12.1	12.7	10.9	10.7	12.5	13.6	13.3	12.2
BASRA	16.3	16.2	17.1	16.5	16.4	16.6	16.5	17.3	16.6
HABBANIYA	12.6	12.4	12.9	12.0	11.6	12.0	13.0	12.6	12.4

TABLE 6

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	8.8	8.5	10.3	8.8	7.7	8.2	9.5	9.9	8.9
MOSUL	8.8	8.3	10.8	11.1	10.1	10.0	10.6	10.1	10.0
KIRKUK	8.4	8.1	9.5	9.1	7.5	7.6	8.5	8.8	8.4
KHANAQIN	...	8.8	9.8	....	9.4	8.3	8.8	....	9.0
RUTBA	6.9	5.9	5.4	5.5	4.5	4.6	6.7	7.0	5.8
HAI	10.9	10.0	11.4	10.4	9.9	11.0	10.9	....	10.6
DIWANIYA	9.1	9.4	11.5	10.1	9.4	8.6	9.3	9.6	9.6
NASIRIYA	8.9	9.2	9.7	7.4	6.9	9.7	11.0	10.4	9.2
BASRA	14.0	13.8	14.5	13.8	13.9	14.0	14.0	14.8	14.1

TABLE 7

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	1.1	1.6	0.8	1.4	1.5	1.1	1.0	0.9	1.2
MOSUL	2.7	2.8	2.4	2.6	3.0	3.0	2.4	2.3	2.7
KIRKUK	2.4	2.8	2.5	2.7	2.8	2.6	2.5	2.5	2.6
KHANAQIN	...	3.0	3.5	...	3.9	4.2	3.5	...	3.6
RUTBA	2.3	1.7	1.9	2.4	2.4	2.7	2.2	1.8	2.2
HAI	1.9	2.3	1.7	2.3	2.6	2.5	1.8	...	2.2
DIWANIYA	1.4	1.7	1.7	1.9	2.2	1.8	1.0	1.5	1.7
NASIRIYA	0.6	0.9	0.9	1.6	1.9	1.7	1.3	1.1	1.3
BASRA	0.1	0.7	0.8	1.0	0.7	0.9	0.6	0.6	0.7
HABBANIYA	1.1	1.1	0.7	0.8	1.0	1.1	0.6	0.5	0.9

TABLE 8

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	4.2	4.5	3.3	4.7	5.2	4.5	4.3	4.0	4.3
MOSUL	3.5	4.2	4.0	4.5	5.0	5.3	3.4	3.7	4.2
KIRKUK	4.3	4.5	4.4	5.2	5.4	5.3	4.6	4.3	4.8
KHANAQIN	...	4.7	4.[illegible]	...	5.6	5.6	4.7	...	5.1
RUTBA	3.5	4.4	4.1	4.5	4.1	4.6	3.9	3.1	4.0
HAI	4.3	4.9	4.9	5.0	6.2	5.7	4.2	...	5.0
DIWANIYA	2.9	3.9	3.7	4.0	5.1	4.7	3.2	3.0	3.8
NASIRIYA	1.6	3.2	3.3	4.0	4.5	4.1	[illegible].8	2.3	3.2
BASRA	2.6	3.6	3.6	3.9	4.2	4.1	2.5	2.4	3.4
HABBANIYA	4.4	4.2	3.5	4.1	4.6	4.1	3.5	3.6	4.0

TABLE 9 APRIL 1956

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

DATE	BAGHDAD	MOSUL	KIRKUK	KHANAQIN	RUTBA	HAI	DIWANIYA	NASIRIYA	BASRA	HABBANIYA
1										
2		0.1			tr.					
3	0.2	tr.	tr.		tr.					1.6
4			tr.	0.2	tr.	5.0	1.8	2.0	2.6	
5	0.2	tr.	tr.		tr.				5.0	0.1
6									tr.	
7		tr.	tr.							tr.
8	0.1	tr.	tr.		tr.	tr.	tr.			0.1
9		5.9	tr.	1.0	0.2					tr.
10	tr.	8.3	1.5		2.1	tr.				tr.
11	9.9	8.6	9.8	1.4	3.4	0.1	2.6	0.3		1.5
12	2.5			26.5		2.2	1.0	0.2	tr.	tr.
13									2.7	
14								0.3	3.0	
15	0.4	2.1			26.4	5.5	11.0	0.7	0.5	5.0
16	25.0	14.8	19.0	7.6	17.6	1.1	48.0	0.9	3.0	28.0
17	5.5	7.3	2.7	42.6	5.2	tr.		tr.	2.4	9.4
18	1.0		6.6	9.0	tr.				0.1	10.5
19		4.3	6.3	2.2	tr.					
20										
21		tr.			6.0					
22			tr.					tr.		
23										
24										
25										
26		0.4								
27										
28										
29	tr.	0.2	1.1	1.6					tr.	
30			2.6	1.1		4.4				
TOTAL	44.8	52.0	49.6	93.2	60.9	18.3	64.4	4.4	19.3	56.2

TABLE 10

NUMBER OF CASES OF :-

STATION	RAIN	SNOW	HAIL	THUNDERSTORM	FOG	DUST	CLEAR	CLOUDY
BAGHDAD	8	0	0	3	1	2	7	8
MOSUL	9	1	0	6	1	1	4	5
KIRKUK	8	0	0	2	0	0	4	10
KHANAQIN	10	0	1	3	0	1	4	13
RUTBA	7	0	1	3	1	2	8	9
HAI	5	0	0	2	0	1	3	8
DIWANIYA	5	0	0	1	0	2	6	5
NASIRIYA	5	0	0	1	0	3	7	2
BASRA	8	0	2	3	0	0	8	5
HABBANIYA	6	0	0	4	0	0	7	8

TABLE 11 APRIL 1956

MONTHLY TOTAL RAINFALL AT SELECTED STATIONS

STATION	LAT(N)	LONG(E)	HEIGHT ABOVE M.S.L. IN METERS	TOTAL RAINFALL IN MILLIMETERS
AMADIA	37.05	43.30	1236	85.1
AQRA	36.45	43.53	716	189.2
RAWANDUZ	36.37	44.33	1006	14.8
TEL AFAINAT	36.41	42.24	346	64.0
SINJAR	36.19	41.50	576	27.7
TELAFAR	36.22	42.28	373	29.5
HAWIJA	35.31	44.18	305	40.9
SULAIMANIYA	35.33	45.27	853	130.9
AUSTASHARIF	35.33	45.27	-	126.7
PENJWIN	35.37	45.58	1311	31.4
BAKRAJO	35.34	45.23	750	106.7
HALABJA	35.11	45.59	724	113.0
IFTIKHAR	35.03	44.27	204	50.8
SALAHDDIN	36.27	44.13	1088	8.2
RAYAT	36.41	44.57	2610	92.1
SANAT	36.46	42.48	-	170.3
DUHOK	36.52	43.02	860	44.3
MIRZA RUSTAM	36.03	44.56	459	14.6
SHAQLAWA	36.23	44.20	-	82.8
SARSANK	36.58	43.32	1046	43.2
TUZ	34.53	44.39	220	66.0
ANA	34.28	41.27	-	96.8
JALAWLA	34.16	45.09	119	55.9
HIT	33.38	42.50	58	71.5
MANDILY	33.45	45.33	137	62.5
KARBALA	32.37	44.01	29	33.0
HINDIYA	32.42	44.17	24	29.8
KUT	32.30	45.45	19	10.6
NUKHAIB	33.02	42.15	305	8.6
AMARA	31.51	47.10	9	29.5
SHABICHA	30.42	43.41	-	5.5
SAMAWA	31.18	45.16	6	19.6
BADAA	31.26	46.11	9	6.0
NAQIL	30.34	47.47	2	16.8
FAO	29.59	48.30	2	34.0
SHAIBA	30.25	47.33	18	

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	2	5	4	2	2	3	9	1	7
0300	4	2	4	2	4	0	1	10	3	7
0600	4	2	2	0	6	3	3	8	2	8
0900	6	2	1	3	5	2	2	9	0	7
1200	5	1	1	2	5	3	4	9	0	9
1500	5	1	1	7	1	1	3	11	0	8
1800	2	5	3	4	2	1	6	5	2	6
2100	3	2	3	6	1	1	7	4	3	5
TOTAL	21	17	20	28	26	13	29	45	11	7

M O S U L

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	6	3	4	2	0	1	6	2	6	4
0300	5	2	3	0	3	1	3	4	9	3
0600	8	4	7	2	0	0	3	3	3	5
0900	2	6	8	5	1	0	7	0	1	9
1200	5	5	7	3	2	1	5	2	0	11
1500	4	6	6	2	0	0	8	2	2	7
1800	6	6	6	0	1	0	4	3	4	5
2100	3	5	9	3	1	0	1	2	6	5
TOTAL	39	37	50	17	8	3	37	18	31	6

K I R K U K

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	1	16	6	4	0	0	2	0	1	6
0300	1	14	5	3	1	1	1	1	3	5
0600	6	2	2	7	7	1	2	0	3	7
0900	2	0	4	3	9	3	5	3	1	8
1200	2	1	1	3	8	3	9	2	1	9
1500	5	3	2	2	6	1	5	3	0	7
1800	3	9	3	6	2	1	0	0	6	6
2100	3	11	4	8	0	0	0	0	4	5
TOTAL	23	56	27	36	33	10	24	9	19	7

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	3	4	0	3	0	10	5
0600	3	0	7	1	7	0	2	0	10	6
0900	-	-	-	-	-	-	-	-	-	-
1200	4	0	3	0	11	0	8	1	3	9
1500	3	2	3	2	6	1	6	2	5	7
1800	1	2	8	0	6	1	3	0	9	5
2100	-	-	-	-	-	-	-	-	-	-
TOTAL	11	4	31	6	34	2	22	3	37	6

TABLE 12-CONTINUED APRIL 1956

SURFACE WIND - NUMBER OF OBSERVATIONS

R U T B A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	2	2	2	0	5	0	14	1	4	6
0300	1	1	1	1	5	3	9	3	6	7
0600	1	1	2	1	4	3	9	4	5	10
0900	3	2	0	1	4	5	9	3	3	11
1200	2	2	1	0	3	3	12	7	0	13
1500	3	1	4	1	1	2	7	11	0	12
1800	2	4	2	5	1	1	8	5	2	7
2100	3	1	1	2	4	4	7	3	5	6
TOTAL	17	14	13	11	27	21	75	37	25	9

H A I

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	0	0	11	0	0	0	16	0	3	7
0300	2	0	11	0	1	0	12	0	4	5
0600	1	1	9	0	2	0	14	1	2	8
0900	0	1	3	3	5	0	17	0	1	10
1200	0	0	5	2	3	2	14	3	1	10
1500	2	1	3	1	2	1	12	3	5	6
1800	0	1	5	2	0	2	16	1	3	7
2100	-	-	-	-	-	-	-	-	-	-
TOTAL	5	4	47	8	13	5	101	8	19	8

D I W A N I Y A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	4	4	2	4	2	0	9	2	3	9
0300	4	1	5	3	2	1	10	1	3	10
0600	6	1	5	1	2	2	11	2	0	11
0900	7	2	3	1	2	1	12	1	1	12
1200	6	1	0	2	1	3	13	3	1	13
1500	6	1	3	4	0	1	11	2	2	10
1800	12	0	3	2	2	0	7	1	3	8
2100	5	1	5	4	1	1	7	4	2	10
TOTAL	50	11	26	21	12	9	80	16	15	10

N A S I R I Y A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	3	1	6	3	2	0	13	2	0	9
0300	1	1	4	1	6	2	11	3	1	7
0600	6	1	2	3	3	2	6	7	0	9
0900	6	1	1	1	4	2	7	8	0	11
1200	10	2	4	0	1	0	9	4	0	11
1500	9	1	8	3	0	0	5	4	0	9
1800	7	1	9	1	1	0	7	4	0	7
2100	3	2	7	4	1	1	10	2	0	8
TOTAL	45	10	41	16	18	7	68	34	1	9

WIND SURFACE - NUMBER OF OBSERVATIONS

B A S R A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	2	2	0	5	2	0	10	6	3	6
0300	2	3	2	4	3	1	8	5	2	6
0600	1	2	5	4	2	2	8	6	0	7
0900	0	2	2	3	1	0	9	11	2	9
1200	0	2	0	5	1	1	2	16	3	10
1500	5	2	0	7	0	0	5	11	0	7
1800	3	0	5	6	1	0	5	8	2	6
2100	3	3	3	0	3	1	10	4	3	6
TOTAL	16	16	17	34	13	5	57	67	15	7

H A B B A N I Y A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	2	2	3	3	1	1	4	8	6	5
0300	4	3	1	3	1	3	1	9	5	6
0600	2	2	0	1	4	2	3	12	4	9
0900	3	1	2	2	6	3	8	5	0	12
1200	2	0	0	2	6	2	5	13	0	11
1500	1	1	4	1	3	0	11	6	3	8
1800	1	4	4	0	2	5	6	3	5	6
2100	4	0	4	3	1	0	5	6	7	6
TOTAL	19	13	18	15	24	16	43	62	30	8

TABLE 13

NUMBER OF CASES WITH SELECTED WIND - FORCE (ALL OBSERVATIONS)

WIND FORCE	BAGH-DAD	MOSUL	KIR-KUK	KHANA-QIN	RUTBA	HAI	DIWA-NIYA	NASI-RIYA	BASRA	HABBA-NIYA
1-10	183	165	175	90	126	102	124	166	171	129
11-21	37	38	41	26	73	32	84	71	52	89
22-33	9	6	4	7	16	5	17	2	2	8
$\geq$ 34	0	0	1	0	0	0	0	0	0	0

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

2- C - MEANS CALM

V.K. MEAN WIND VELOCITY IN KNOTS.

TABLE 14

BAGHDAD AIRPORT

Month April

Year 1956.

Frequency of Horizontal Visibility

TIME - G.M.T.

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	TOTAL
0 -200M				1/1	1/1	1/1																			3
>200 -500M			1/1						1	1	1														4
>500 -1000M			1/1	1/1				1/1					1/1						1						5
>1000 -1500M									1/1			1													2
>1500 -3000M		1/1									1/1	1/1	1	1/2	2/3	1/3	3	1		1	1	1			19
>3 -5KM				2	2	1	1	1						1/1	1/2	1/2	1/6								18
>5 -10KM	1/3	1/2		1	6	7	2	1	1	2/2	1/2	1/3	1	1/2	3	1/6	9	9	2		1	1	1/3	1/4	71
>10 -15KM	7	9	11	10	10	7	8	8	4	6	4	3	2	1	2	1	10	13	14	12	14	11	10	7	184
>15KM	20	18	17	15	11	14	19	19	23	21	22	22	25	24	20	18	2	7	13	17	14	17	17	19	414
TOTAL	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	720

NOTE

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

Frequency of Different Heights of Cloud-Base (Amount 5-8 Oktas)

TIME - G.M.T.

Height	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	TOTAL
0 -50M																									
>50 -150M																									
>150 -300M				1	1	1	1	1				1	1	1						1		1	1	1	12
>300 -500M																									
>500 -900M	1	1	1												2				1	1	1				8
[illegible]	12	15	17	15	13	13	12	11	11	15	18	18	18	18	17	17	16	15	12	10	12	13	13	11	354

TABLE 14-CONTINUED.

BASRAH AIRPORT

Month April
Year 1056.

Frequency Of Horizontal Visibility

TIME - G.M.T.

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	TOTAL
0 -200M																									
>200 -500M																									
>500 -1000M																					1/1	1/1			2
>1000 -1500M								1/1							1/1					1/1					3
>1500 -3000M			1/1	1/1	2/2				1/1	1/1				2/2	1/1	2/2	1/1	2/2	1/1				1/1	1/1	17
>3 -5KM	1/1			1/1	1	1/1					1/1	1/1	1/1	1/1			1/1		1/1						10
>5 -10KM	1/1	1/1	1/1	3/5	2/2	2/2	3/3	2/2	2/3	2/3	3/3	3/3	3/3	1/1	1	1/3	1	1/1	2/2	1/1	1/1	1/1			44
>10 -15KM	3	4	1	4	7	6	3	3	2	2	2	2	2	3	4	4	5	2	1	2	2	1	3	3	71
>15	25	25	27	19	18	21	24	24	24	24	24	24	24	23	23	21	22	25	25	26	26	27	26	26	573
TOTAL	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	720

NOTE

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

Frequency Of Different Heights Of Cloud-Base (Amount 5-8 Oktas)

TIME - G.M.T.

Height	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	TOTAL
0 -50M																									
>50 -150M																									
>150 -300M						1	1	1		1															4
>300 -500M								1	1																2
>500 -900M	1	1	2	1					1	2	1	1	1									1	1		13
>900M	9	12	11	14	13	13	14	12	12	13	11	12	13	15	15	17	16	11	8	8	9	9	7	9	283

TABLE 15

BAGHDAD AIRPORT

Month April

Year 1956.

Simultaneous Occurrences Of Specified Visibility Ranges and Specified Lowest Cloud Base (≥ 5 Oktas)

HEIGHT METERS	VISIBILITY 0-200M			>200-500M			> 0.5-1KM			> 1-1.5KM			> 1.5-3KM			> 3-5KM			> 5-10KM			> 10-15KM			> 15KM			TOTAL		
0-50																														
> 50-150																														
> 150-300																			1	1							1		1	2
																									1			1		
																			1	3							2		1	5
> 300-500																														
> 500-900																						1						1		
																						1		2				1		2
< 5/8 OR*		1						1									2	1	3	1	2	6	9	7	20	15	18	29	29	28
> 900				1				1			1				3			2	2	1	5	6	2	1	21	24	19	30	29	30
AND 5/8			1			1			2	1		2		1	4			5	2		16	13	11	55	13	17	147	29	29	233
		1						1									2	1	3	2	3	7	9	7	20	15	19	30	30	30
TOTAL				1				1			1				3			2	2	1	5	6	2	1	21	25	19	30	30	30
			1			1			2	1		2		1	4			5	2	1	19	14	11	57	13	17	149	30	30	240

Note

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

00	03	06
09	12	15
18	21	To

G.M.T.

To= Total for all hours

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

TABLE 15-CONTINUED.

Month April
Year 1956.

BASRAH AIRPORT

Simultaneous Occurrences Of Specified Visibility Ranges and Specified Lowest Cloud Base (≤ 5 Oktas)

HEIGHT METERS	VISIBILITY 0-200M			>200-500M			>0.5-1KM			>1-1.5KM			>1.5-3KM			>3-5KM			>5-10KM			>10-15KM			> 15KM			TOTAL		
0-50																														
>50-150																														
>150-300																											1			1
																			1									1		
																					1						1			2
>300-500																														
>500-900																														
																					1									
																					1						2			2
																					1									1
																					1				1	3		1	4
<5/8 OR* 900 AND ≥ 5/8													1			1	1		1	5	3	3	4	3	25	19	23	30	30	29
													1		2		1		2	3	2	2	2	4	22	24	21	27	30	20
								1	1				1		5	1		4	2	1	19	1	1	20	25	26	185	30	29	234
TOTAL														1		1	1		1	5	3	3	4	3	25	19	24	30	30	30
													1		2		1		3	3	3	2	2	4	24	24	21	30	30	30
								1	1				1		5	1		4	2	1	21	1	1	20	25	27	189	30	30	240

Note

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

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

To=Total for all hours

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

الحكومة العراقية

وزارة المواصلات والاشغال

مديرية الطيران المدني العامة

مديرية الانواء الجوية

التقرير الجوي الشهري
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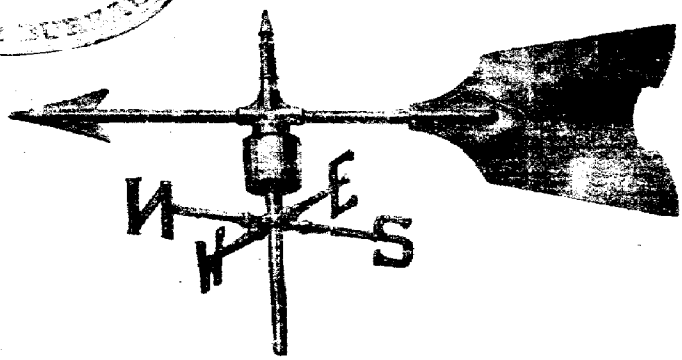

GOVERNMENT OF IRAQ
MINISTRY OF COMMUNICATIONS AND WORKS
DIRECTORATE GENERAL OF CIVIL AVIATION
METEOROLOGICAL DEPARTMENT

MONTHLY WEATHER REPORT FOR IRAQ.

May '56

Met. Service

BAGHDAD.

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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.

PREPARED AND PUBLISHED

BY THE IRAQI METEOROLOGICAL DEPARTMENT

CLIMATOLOGICAL SECTION.

TABLE I. MAY 1956.

DAILY MAXIMUM AND MINIMUM TEMPERATURES

DATE	BAGHDAD MAX.	BAGHDAD MIN.	MOSUL MAX.	MOSUL MIN.	KIRKUK MAX.	KIRKUK MIN.	BASRA MAX.	BASRA MIN.	HABBANIYA MAX.	HABBANIYA MIN.
1	31.3	15.8	28.2	9.1	27.2	13.4	30.2	16.7	31.6	16.1
2	34.0	15.4	26.9	10.0	26.5	14.4	31.4	18.3	34.4	16.1
3	27.8	22.0	26.8	15.7	27.4	18.6	41.9	19.6	27.2	20.5
4	31.6	17.5	28.6	8.3	27.5	13.0	32.3	20.1	29.4	13.9
5	32.3	15.2	28.8	10.8	28.2	14.9	35.8	18.6	29.4	16.1
6	31.5	16.4	26.8	10.1	25.8	11.9	31.3	20.8	29.4	15.0
7	29.9	16.3	25.7	8.4	25.1	11.8	32.0	17.9	27.8	15.0
8	31.5	14.4	29.1	8.9	25.3	13.1	30.7	20.6	28.9	13.9
9	30.3	13.2	28.1	8.4	27.5	13.3	30.6	20.0	30.0	13.3
10	32.0	14.2	31.4	6.9	29.6	13.8	31.1	17.8	32.2	14.4
11	33.6	15.6	33.5	10.1	31.8	15.8	33.1	19.1	35.0	15.5
12	34.9	19.0	32.9	14.3	31.9	17.4	39.6	18.2	32.2	20.0
13	34.8	14.1	33.0	10.4	32.4	16.3	33.6	23.5	34.4	16.6
14	35.4	21.4	34.1	10.3	31.2	16.5	35.3	23.9	33.9	17.8
15	36.7	18.6	35.6	9.3	34.3	15.3	34.5	22.6	36.6	17.8
16	38.4	17.6	36.7	11.8	35.6	20.2	35.9	23.6	37.2	18.3
17	36.6	20.1	34.9	12.8	32.4	18.2	34.7	24.5	35.5	21.1
18	39.1	18.3	38.0	11.4	35.8	18.9	36.8	21.8	38.9	18.9
19	38.3	19.7	34.1	13.0	34.2	19.9	39.1	22.4	33.3	19.4
20	33.6	17.2	32.7	11.7	31.6	16.2	31.7	24.6	31.6	18.3
21	35.7	14.3	34.9	11.2	33.2	17.1	32.5	19.7	34.4	15.5
22	37.2	16.3	36.4	10.7	34.6	19.9	35.1	20.6	36.6	17.8
23	39.8	18.7	38.4	11.1	36.5	20.2	35.8	24.4	38.9	18.9
24	38.7	18.8	36.1	14.8	35.8	19.5	35.6	24.4	37.2	20.5
25	39.8	19.2	35.6	18.1	36.6	20.6	36.1	23.7	38.3	21.1
26	37.8	19.8	34.4	20.0	34.3	16.9	35.0	25.6	36.1	19.4
27	37.2	18.6	33.4	14.8	33.5	15.3	34.0	22.8	36.1	20.0
28	30.6	21.2	26.2	14.4	28.5	18.3	37.0	21.1	28.3	20.5
29	33.7	14.9	31.2	10.3	29.8	16.2	30.5	20.0	32.8	14.4
30	36.0	18.6	34.4	9.9	34.5	17.3	33.7	21.9	35.0	16.6
31	39.4	20.8	38.0	11.5	37.5	17.1	37.9	23.3	40.5	18.3
MEANS	34.8	17.5	32.4	11.6	31.5	16.5	34.3	21.4	33.6	17.5
NORMAL	35.8	19.7	33.0	14.4	33.6	18.5	35.6	24.2	36.6	20.0
PEROID OF NORMAL	1937- 1956		1923- 1956		1938- 1956		1937- 1956		1937- 1956	

STATION	MONTHLY MEAN TEMPERATURES GRASS MIN.	EARTH 1 FT.	EARTH 4 FT.	MONTHLY TOTAL SUNSHINE HOURS
BAGHDAD	12.0	26.3	22.6	383.1
MOSUL	7.8	25.9	20.9	363.9
KIRKUK	....	22.6	20.0	.....
BASRA	....	....	....	372.9
HABBANIYA	16.1	29.3	24.4	381.8

TABLE 1.-CONTINUED. (2) MAY 1956

DAILY MAXIMUM AND MINIMUM TEMPERATURES

	KHANAQIN		RUTBA		HAI		DIWANIYA		NASIRIYA	
ATE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	27.2	13.9	28.9	12.2	30.3	12.9	30.8	14.6	32.8	15.0
2	30.8	15.6	30.1	15.3	33.6	15.0	34.5	12.7	34.9	13.7
3	30.6	17.5	23.2	12.8	34.2	17.7	29.0	17.4	35.0	19.2
4	27.8	12.2	24.7	10.6	31.1	19.2	31.4	16.5	33.6	18.9
5	30.6	15.0	23.6	11.4	34.5	15.8	34.2	15.6	35.1	19.8
6	28.9	13.9	22.7	11.3	31.3	17.0	31.8	14.4	33.4	16.7
7	27.2	12.8	22.6	10.6	30.7	17.1	30.0	15.6	33.0	16.6
8	27.2	12.8	22.4	11.4	29.8	15.8	29.7	12.6	32.7	17.8
9	27.8	13.9	25.3	10.6	30.3	15.2	30.0	15.4	30.3	17.9
10	30.6	13.8	28.6	11.6	32.1	15.2	32.2	15.6	32.7	18.0
11	31.7	13.9	23.0	11.3	35.0	15.5	34.3	14.5	35.3	20.2
12	34.7	16.7	27.0	13.5	38.3	17.3	36.2	16.7	41.1	19.6
13	33.9	14.4	30.5	12.0	35.9	17.8	35.0	17.7	34.0	20.0
14	33.9	15.0	31.2	14.2	36.8	21.5	36.1	18.6	33.6	21.1
15	35.0	15.0	34.5	14.0	36.5	20.5	36.0	18.0	32.0	20.3
16	36.1	16.1	33.2	15.7	38.0	20.0	37.4	20.1	33.8	22.0
17	33.9	18.3	33.3	15.9	36.0	22.4	35.6	22.0	34.2	22.3
18	36.1	18.0	32.7	21.3	39.4	19.3	38.6	19.0	38.5	21.7
19	36.9	19.4	25.7	13.4	40.2	22.0	35.9	21.5	39.5	20.2
20	32.2	15.0	27.6	12.9	32.8	18.0	32.3	18.5	38.4	22.5
21	33.3	13.9	20.0	13.3	34.0	16.9	33.0	18.2	32.8	18.0
22	35.0	15.6	32.6	14.8	37.3	17.0	36.3	18.5	34.9	19.6
23	37.2	17.8	34.5	15.3	38.5	20.6	38.5	19.0	36.5	20.0
24	35.2	18.3	37.5	18.0	36.8	22.2	37.0	20.5	35.1	24.6
25	36.1	17.8	33.5	18.7	38.0	20.4	37.6	22.0	35.7	23.0
26	34.4	17.8	31.6	18.3	35.6	21.8	35.5	21.9	34.1	24.0
27	33.3	16.1	33.6	18.0	36.3	19.9	36.2	20.5	35.0	24.2
28	29.4	23.3	24.0	14.5	32.4	19.7	30.2	22.4	33.0	19.8
29	30.2	15.6	29.6	11.0	33.4	15.6	32.6	13.0	32.2	20.0
30	35.8	15.0	32.7	12.6	36.5	18.8	35.9	18.0	33.8	23.0
31	38.3	15.6	36.0	16.6	40.7	21.2	40.0	17.6	38.1	23.6
EANS	32.6	15.7	29.6	14.0	35.0	18.4	34.3	17.7	34.7	20.1
ORMAL	35.1	19.2	31.6	15.0	37.7	21.2	37.0	19.3	37.0	22.4
ERIOD OF ORMAL	1939-	1956	1928-	1956	1940-	1956	1939-	1956	1940-	1956

NOTE : TEMPERATURES ARE IN CENTIGRADE

TABLE 2 MAY 1956.

MONTHLY MEAN TEMPERATURES (IN CENTIGRADE) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	20.4	18.4	26.6	31.7	33.9	32.3	25.8	22.7	26.5
MOSUL	13.9	14.1	23.3	30.0	31.3	28.7	21.3	16.7	22.4
KIRKUK	18.0	18.5	25.3	28.9	30.5	29.2	23.2	20.3	24.2
KHANAQIN	....	17.5	27.5	....	32.0	29.3	24.4	....	26.1
RUTBA	16.0	14.9	20.8	26.0	28.1	28.0	22.2	18.7	21.9
HAI	20.2	19.3	29.1	33.4	34.5	32.1	26.0	....	27.8
DIWANIYA	19.8	18.9	27.9	32.3	33.8	31.7	25.3	22.3	26.5
NASIRIYA	22.0	21.1	27.2	32.3	33.2	30.6	26.6	24.3	27.2
BASRA	23.2	22.0	28.1	31.7	33.5	30.9	26.5	25.0	27.6
HABBANIYA	19.9	18.2	25.8	31.4	33.1	31.9	25.6	22.3	26.0

TABLE 3

MONTHLY MEAN PRESSURE (IN MILLIBARS) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	08.6	09.3	10.3	10.0	08.5	07.9	09.0	09.1	09.1
MOSUL	10.3	10.6	10.6	09.6	08.0	07.7	09.6	10.3	09.6
KIRKUK	08.6	08.9	08.9	08.0	06.7	06.4	08.2	08.6	08.0
KHANAQIN	....	09.8	08.6	....	06.9	07.2	08.2	....	08.1
RUTBA	11.4	12.3	12.9	12.3	10.8	10.1	11.1	11.2	11.5
HAI	07.5	07.6	08.5	08.3	07.2	08.8	07.9	....	07.7
DIWANIYA	07.8	08.5	09.5	09.1	07.7	07.2	08.3	08.0	08.3
NASIRIYA	07.7	08.2	09.2	08.7	07.3	07.0	08.1	08.1	08.0
BASRA	06.5	07.1	08.2	07.9	06.7	06.2	07.0	07.0	07.1
HABBANIYA	08.8	09.8	10.8	10.4	08.8	08.1	09.2	09.2	09.4

TABLE 4

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	38	46	30	19	15	16	28	33	28
MOSUL	70	69	41	25	21	26	47	62	45
KIRKUK	43	42	29	21	18	18	29	35	29
KHANAQIN	..	40	25	..	18	19	29	..	26
RUTBA	51	55	40	26	24	23	35	43	37
HAI	41	45	27	18	17	20	30	..	28
DIWANIYA	45	50	29	22	19	20	33	39	32
NASIRIYA	47	48	36	24	25	35	41	44	38
BASRA	59	63	45	38	35	44	58	61	50
HABBANIYA	48	55	34	22	19	21	34	42	34

TABLE 5 MAY 1956.

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	8.7	9.4	10.2	8.2	7.7	7.3	8.9	8.8	8.6
MOSUL	10.6	10.9	11.3	10.2	9.3	9.8	11.2	11.2	10.6
KIRKUK	8.7	8.8	8.9	7.6	7.6	7.1	7.9	8.2	8.1
KHANAQIN	....	7.8	8.6	....	8.1	7.6	8.6	....	8.1
RUTBA	9.1	9.1	9.6	8.7	8.7	8.5	9.0	9.1	9.0
HAI	9.5	9.9	10.5	9.0	9.2	9.5	10.0	....	9.7
DIWANIYA	10.3	10.9	10.9	10.4	9.7	9.4	10.6	10.3	10.3
NASIRIYA	12.4	12.0	12.9	11.8	12.7	15.2	13.9	13.4	13.0
BASRA	16.7	16.4	17.1	17.8	18.2	19.6	19.8	19.2	19.3
HABBANIYA	10.8	11.4	10.9	9.9	9.4	9.7	11.1	11.2	10.4

TABLE 6

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	4.7	5.8	7.1	4.3	2.9	2.4	4.9	4.8	4.6
MOSUL	7.6	8.0	8.4	7.0	5.7	6.3	8.3	8.3	7.5
KIRKUK	4.7	4.7	4.6	3.6	2.5	4.7	3.1	4.0	3.6
KHANAQIN	...	3.5	5.4	...	3.9	3.2	4.7	...	4.2
RUTBA	5.3	5.4	5.8	4.2	4.1	3.7	5.0	5.2	4.9
HAI	6.0	6.6	7.4	5.1	5.3	5.8	6.7	...	6.1
DIWANIYA	7.2	7.9	7.7	7.4	6.3	5.8	7.4	7.1	7.1
NASIRIYA	9.9	9.4	10.3	8.8	9.8	12.5	12.3	10.9	10.5
BASRA	14.5	14.2	14.7	15.2	15.6	16.9	17.2	16.6	15.6

TABLE 7

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	0.1	0.4	0.3	0.0	0.0	0.1
MOSUL	0.5	0.7	0.6	1.2	1.8	1.3	0.6	0.5	0.9
KIRKUK	0.5	0.5	0.5	1.2	1.3	0.9	0.2	0.3	0.7
KHANAQIN	...	0.4	0.3	...	1.2	0.3	0.0	...	0.4
RUTBA	0.2	0.3	0.4	1.0	1.2	1.3	0.8	0.5	0.7
HAI	0.1	0.1	0.0	0.0	0.4	0.0	0.0	...	0.1
DIWANIYA	0.0	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.1
NASIRIYA	0.0	0.1	0.4	0.5	1.5	1.5	0.0	0.0	0.5
BASRA	0.0	0.1	0.0	0.0	0.0	0.3	0.0	0.0	0.1
HABBANIYA	0.0	0.0	0.0	0.2	0.4	0.3	0.1	0.0	0.1

TABLE 8

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	0.4	0.5	0.6	0.6	1.1	1.1	0.5	0.3	0.8
MOSUL	0.7	1.3	1.1	1.8	2.5	2.1	0.9	0.6	1.4
KIRKUK	0.8	0.8	1.0	1.6	2.0	1.5	0.5	0.5	1.1
KHANAQIN	...	0.9	0.8	...	1.7	1.1	0.2	...	0.8
RUTBA	0.4	0.9	0.7	1.3	1.7	1.6	1.2	0.7	1.1
HAI	0.2	0.5	0.5	0.6	0.5	0.4	0.3	...	0.6
DIWANIYA	0.0	0.1	0.0	0.4	0.2	0.4	0.3	0.1	0.2
NASIRIYA	0.0	0.2	0.5	0.8	1.6	1.6	0.0	0.0	0.6
BASRA	0.0	0.2	0.2	0.1	0.1	0.3	0.0	0.0	0.1
HABBANIYA	0.4	0.5	0.5	0.6	1.0	1.0	0.7	0.5	0.7

TABLE 9 MAY 1956.

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

DATE	BAGHDAD	MOSUL	KIRKUK	KHANAQIN	RUTBA	HAI	DIWANIYA	NASIRIYA	BASRA	HABBANIYA
1										
2		0.3								
3		tr.								
4		0.1			tr.					
5		tr.								
6		tr.								
7		tr.								
8		tr.	tr.		tr.				tr.	
9									tr.	
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27		1.1	tr.							
28										
29										
30										
31										
TOTAL	0.0	1.5	tr.	0.0	tr.	0.0	0.0	0.0	tr.	0.0

TABLE 10

NUMBER OF CASES OF :-

STATION	RAIN	SNOW	HAIL	THUNDERSTORM	FOG	DUST	CLEAR	CLOUDY
BAGHDAD	0	0	0	0	0	0	27	0
MOSUL	2	0	0	1	0	1	21	0
KIRKUK	0	0	0	0	0	0	21	1
KHANAQIN	0	0	0	0	0	0	23	1
RUTBA	0	0	0	1	0	2	22	1
HAI	0	0	0	0	0	2	31	0
DIWANIYA	0	0	0	0	0	1	30	0
NASIRIYA	0	0	0	0	0	11	25	0
BASRA	0	0	0	0	0	0	31	0
HABBANIYA	0	0	0	0	0	1	25	0

TABLE 11. MAY 1956.

MONTHLY TOTAL RAINFALL AT SELECTED STATIONS

STATION	LAT(N)	LONG(E)	HEIGHT ABOVE M.S.L. IN METERS	TOTAL RAINFALL IN MILLIMETERS
TELAFAR	36.22	42.28	373	1.0
DUHOK	36.52	43.02	860	13.4
SANAT	36.47	42.48	-	62.9
SARSANK	36.58	43.32	1046	7.9
RAWANDUZ	36.37	44.33	1006	6.0
SALAH AL DDIN	36.27	44.13	1088	23.0
AUSTA SHARIF	35.33	45.27	-	3.0
KIRKUK (I.R.S.)	35.28	44.20	333	3.0

TABLE 12. MAY 1956

SURFACE WIND - NUMBER OF OBSERVATIONS

BAGHDAD

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	6	4	1	1	2	0	1	15	1	8
0300	4	3	1	0	3	0	4	16	0	7
0600	9	1	1	0	1	1	3	15	0	9
0900	13	1	0	0	1	0	3	13	0	13
1200	4	1	0	0	1	1	3	21	0	14
1500	7	0	2	0	0	0	3	19	0	12
1800	3	0	2	1	0	0	2	22	1	6
2100	5	1	1	2	1	0	2	19	0	8
TOTAL	51	11	8	4	9	2	21	140	2	10

MOSUL

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	13	1	1	0	0	0	3	5	8	5
0300	11	6	0	2	0	1	2	5	4	5
0600	17	2	2	1	2	0	3	4	0	9
0900	10	2	2	2	2	1	7	5	0	8
1200	8	3	1	1	2	1	11	4	0	11
1500	6	2	0	2	0	2	12	7	0	10
1800	5	3	2	0	1	0	12	7	1	5
2100	10	1	1	1	0	0	9	2	7	6
TOTAL	80	20	9	9	7	5	59	39	20	7

KIRKUK

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	5	17	4	1	0	0	0	0	4	4
0300	4	14	2	1	1	0	2	3	4	3
0600	6	1	1	1	4	4	5	3	6	5
0900	3	0	0	2	2	8	10	6	0	8
1200	3	1	0	0	2	6	12	6	1	10
1500	5	0	0	0	5	5	10	6	0	8
1800	6	4	2	1	1	3	6	4	4	4
2100	6	17	2	0	0	0	0	1	5	4
TOTAL	38	54	11	6	15	36	45	29	24	6

KHANAQIN

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	-	-	-	-	-	-	-	-	-	-
0300	0	0	12	0	4	0	1	0	13	3
0600	5	1	5	0	3	0	5	3	9	3
0900	-	-	-	-	-	-	-	-	-	-
1200	2	0	0	0	5	0	15	8	1	7
1500	4	0	1	0	0	0	18	4	4	5
1800	6	0	2	0	1	0	8	0	14	2
2100	-	-	-	-	-	-	-	-	-	-
TOTAL	17	1	20	0	13	0	47	15	41	4

TABLE 12-CONTINUED. MAY 1956.

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	1	12	8	4	6
0300	0	0	1	0	1	5	13	4	7	5
0600	4	1	1	1	3	2	7	9	3	8
0900	1	1	2	4	1	1	11	7	3	8
1200	1	0	0	1	2	4	16	6	1	11
1500	2	1	0	1	1	2	15	8	1	10
1800	2	2	2	2	0	1	7	12	3	7
2100	3	1	1	2	2	2	8	9	3	6
TOTAL	14	6	8	11	14	18	98	63	25	8

H A I

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	0	1	0	3	1	0	24	0	2	10
0300	1	0	2	2	1	0	23	1	1	9
0600	1	1	0	4	0	0	23	2	0	12
0900	1	0	0	2	0	0	24	2	2	14
1200	0	0	1	0	0	0	26	2	2	14
1500	0	0	0	1	0	0	29	0	1	11
1800	0	0	0	1	0	0	28	1	1	9
2100	-	-	-	-	-	-	-	-	-	-
TOTAL	3	2	3	13	2	0	177	8	9	1[illegible]

D I W A N I Y A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	15	0	1	1	0	2	9	1	2	8
0300	11	1	1	3	0	0	8	5	2	10
0600	13	0	0	0	0	1	11	6	0	12
0900	14	0	0	0	0	2	13	1	1	14
1200	10	0	0	0	1	0	18	2	0	14
1500	15	0	1	0	0	0	13	1	1	10
1800	14	0	1	0	0	0	15	1	0	7
2100	11	1	1	2	0	1	14	1	0	8
TOTAL	103	2	5	6	1	6	101	18	6	10

N A S I R I Y A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	10	0	0	1	4	0	6	10	0	10
0300	8	0	0	0	4	0	9	10	0	9
0600	4	0	0	1	2	0	3	21	0	13
0900	5	0	0	0	1	0	3	22	0	14
1200	4	0	0	0	0	0	11	16	0	13
1500	3	0	1	0	0	0	14	13	0	11
1800	9	0	1	0	0	0	6	15	0	9
2100	11	1	0	2	1	0	6	10	0	10
TOTAL	54	1	2	4	12	0	58	117	0	11

TABLE 12-CONTINUED. MAY 1956

SURFACE WIND - NUMBER OF OBSERVATIONS

B A S R A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	8	0	0	0	1	1	3	15	3	9
0300	6	1	0	0	2	1	8	10	3	7
0600	4	1	0	0	3	1	6	16	0	13
0900	3	0	0	0	0	2	5	21	0	15
1200	0	0	1	0	0	0	4	26	0	14
1500	3	0	1	0	1	0	6	20	0	8
1800	2	1	0	0	0	0	6	18	4	7
2100	7	0	0	0	0	0	7	14	3	8
TOTAL	33	3	2	0	7	5	45	140	13	10

H A B B A N I Y A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	4	1	1	1	1	0	7	10	6	6
0300	0	0	0	0	2	0	5	16	8	6
0600	1	1	0	0	1	0	4	23	1	12
0900	2	0	0	0	3	1	5	20	0	12
1200	2	0	0	0	1	1	9	17	1	12
1500	1	0	0	1	1	0	7	18	3	10
1800	2	1	0	2	0	0	7	15	4	6
2100	3	0	3	1	0	1	6	13	4	6
TOTAL	15	3	4	5	9	3	50	132	27	9

TABLE 13.

NUMBER OF CASES WITH SELECTED WIND - FORCE (ALL OBSERVATIONS)

WIND FORCE	BAGH-DAD	MOSUL	KIR-KUK	RUTBA	KHA-NAQIN	HAI	DIWA-NIYA	NASI-RIYA	BASRA	HABBA-NIYA
1-10	160	172	184	153	11[illegible]	98	128	113	121	135
11-21	81	46	37	58	2	97	108	135	110	84
22-33	5	10	1	14	2	13	6	0	4	3
≧ 34	0	0	0	0	0	0	0	0	0	0

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

2- C - MEANS CALM.

V.K. MEAN WIND VEL CITY IN KNOTS.

TABLE 14

BAGHDAD AIRPORT

Month May

Year 1956.

Frequency of Horizontal Visibility

TIME - G.M.T.

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	TOTAL
0 -200M																									
> 200 -500M																									
> 500 -1000M																									
> 1000 -1500M																		1							1
> 1500 -3000M																1/1									1
> 3 -5KM						1	1/1	1/1	1/1								3								7
> 5 -10KM	1/1	1/1	1/2	4	1	1	2	1/1	1/1	1/1	1/1	1/1	2/2	3/3	2/2	3/3	3/2	9	6	2	2	1			59
> 10 -15KM	2	2	10	6	8	9	6	2	2	4	5	5	4	1	2	7	8	15	13	15	14	8	7	6	161
> 15	28	28	19	21	22	20	22	27	27	26	25	25	25	27	27	20	8	6	12	14	15	22	24	25	515
TOTAL	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	744

Note

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

Frequency Of Different Height Of Cloud-Base (Amount 5-8 Oktas)

TIME - G.M.T.

HEIGHT	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	TOTAL
0 -50M																									
> 50 -150M																									
> 150 -300M																									
> 300 -500M																									
> 500 -900M																									
> 900M	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	1	1				1	1	1	32

TABLE 14-CONTINUED.

BASRAH AIRPORT

Month May

Year 1956.

Frequency Of Horizontal Visibility

TIME - G.M.T.

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	TOTAL
0 -200M																									
> 200 -500M																									
> 500 -1000M																									
> 1000 -1500M													1/1			1/1	1/1								3
> 1500 -3000M										1/1	4/4	2/2	1/1	2/2	2/2	1/1	1/1	1/1	1/1						16
> 3 -5KM			1/1							2/2	2/2	2/2	1/1	3/3	1/1	1/1	1/1	1/1	1/1	2/2	1/1	1/1	2/2		22
> 5 -10KM	1/1			5/5	1/1		1/1	1/1	8/8	8/8	7/7	9/9	10/10	7/7	6/6	6/6	8/8	3/3	3/3	2/2	3/3	4/4	3/3	4/4	100
> 10 -15KM	5	4	5	8	7	3	1	1	4	2		2	3	3	6	8	6	5	5	7	4	4	4	4	101
> 15	25	27	25	18	23	28	29	29	19	18	18	16	15	16	16	14	14	21	21	20	23	22	22	23	502
TOTAL	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	744

Note

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

Frequency of Different Height Of Cloud-Base (Amount 5-8 Oktas)

TIME - G.M.T.

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

TABLE 15

Month May

Year 1956.

BAGHDAD AIRPORT

Simultaneous Occurrences Of

Specified Visibility Ranges and Specified Lowest

Cloud Base (≥ 5 Oktas)

HEIGHT METERS	VISIBILITY 0-200M			> 200-500M			> 0.5-1KM			> 1-1.5KM			> 1.5-3KM			> 3-5KM			>5-10KM			>10-15KM			> 15KM			TOTAL		
0-50																														
>50-150																														
>150-300																														
>300-500																														
>500-900																														
<5/8 OR*															1	1	4	2	2	6	6	28	21	22	31	31	31			
> 900												1				1	2	3	4	4	7	28	25	20	31	31	31			
AND ≥ 5/8												1			1	6	1	20	13	8	50	12	22	176	31	31	248			
TOTAL															1	1	4	2	2	6	6	28	21	22	31	31	31			
												1				1	2	3	4	4	7	26	25	20	31	31	31			
												1			1	6	1	20	13	8	50	12	22	176	31	31	248			

Note

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

00	03	06
09	12	15
18	21	To

G.M.T.

To=Total for all hours

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

TABLE 15-CONTINUED.

Month May
Year 1956.

BASRAH AIRPORT

Simultaneous Occurrences Of Specified Visibility Ranges and Specified Lowest Cloud Base (≥ 5 Oktas)

HEIGHT METERS	VISIBILITY 0-200M			>200-500M			>0.5-1KM			>1-1.5KM			>1.5-3KM			>3-5KM			>5-10KM			>10-15KM			> 15KM			TOTAL		
0-50																														
												1																		1
												1																		1
>50-150																														
>150-300																														
>300-500																														
>500-900																														
<5/8 OR*																			1	5	1	5	8	1	25	18	29	31	31	31
>900										1			1	1	1	2	1	1	8	10	6	2	3	8	18	15	14	31	31	30
AND ≥ 5/8												1	1		4	1	1	6	3	4	38	5	4	36	21	22	162	31	31	247
																			1	5	1	5	8	1	25	18	29	31	31	31
TOTAL										1	1	1	1	1	1	2	1	1	8	10	6	2	3	8	18	15	14	31	31	31
											2	1		4	1	1	6	3	4	38	5	4	36	21	22	162	31	31	248

Note

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

00	03	06
09	12	15
18	21	To

G.M.T.

To=Total for all hours

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

الحكومة العراقية

وزارة المواصلات والاشغال

مديرية الطيران المدني العامة

مديرية الانواء الجوية

التقرير الجوي الشهري
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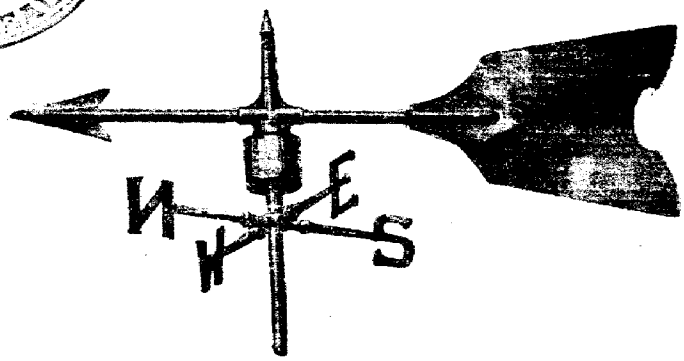

GOVERNMENT OF IRAQ
MINISTRY OF COMMUNICATIONS AND WORKS
DIRECTORATE GENERAL OF CIVIL AVIATION
METEOROLOGICAL DEPARTMENT

MONTHLY WEATHER REPORT FOR IRAQ.

June 1956

Met. Service

BAGHDAD.

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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.

PREPARED AND PUBLISHED

BY THE IRAQI METEOROLOGICAL DEPARTMENT

CLIMATOLOGICAL SECTION.

TABLE 1 JUNE 1956.

DAILY MAXIMUM AND MINIMUM TEMPERATURES

	BAGHDAD		MOSUL		KIRKUK		BASRA		HABBANIYA	
DATE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	38.6	21.4	36.6	17.1	36.9	22.8	38.7	24.1	36.6	21.1
2	35.4	20.8	33.3	12.4	33.5	17.6	33.9	25.0	34.4	20.0
3	37.4	20.2	35.6	15.3	34.4	17.4	32.3	23.9	36.6	19.4
4	39.6	21.6	37.1	21.9	36.6	20.6	36.0	26.7	38.9	22.2
5	41.0	23.7	39.7	14.8	38.5	21.1	38.1	26.8	40.5	24.4
6	41.9	23.9	37.6	16.3	38.6	22.9	39.7	23.3	40.5	23.3
7	41.2	20.7	38.6	12.6	39.0	19.9	39.8	26.2	38.7	22.2
8	41.9	19.9	39.1	15.5	39.3	21.2	36.7	24.9	40.0	20.0
9	41.0	24.5	39.6	16.3	38.7	22.8	39.8	25.7	40.5	21.6
10	41.5	22.7	40.3	15.6	39.7	21.1	38.4	25.6	40.0	23.9
11	42.4	21.9	39.1	22.1	39.4	25.2	39.3	23.1	41.6	25.5
12	43.0	23.4	40.2	23.2	39.4	26.1	40.6	24.7	41.1	25.0
13	43.4	22.1	37.2	23.3	39.0	25.5	41.8	26.1	40.0	23.3
14	40.0	21.5	37.9	19.6	37.9	25.8	40.9	26.3	40.5	24.4
15	42.9	21.5	39.4	19.4	38.1	25.5	38.9	28.1	41.6	22.8
16	42.9	20.5	41.3	17.1	38.8	27.9	40.3	27.4	42.8	23.9
17	44.2	26.7	40.1	27.6	40.6	28.9	41.6	27.1	42.8	25.5
18	44.0	21.3	41.7	21.2	41.2	26.3	39.4	28.7	42.2	23.9
19	41.3	24.2	39.4	19.9	39.0	22.6	37.9	29.8	40.5	25.0
20	42.6	22.5	42.0	18.6	40.9	22.6	36.5	28.3	41.1	23.3
21	43.6	21.6	41.6	20.7	41.8	25.6	40.4	26.0	42.2	23.9
22	42.2	25.1	40.9	20.9	39.3	23.3	39.6	27.7	40.0	22.8
23	43.1	22.2	42.0	17.2	42.3	22.3	37.1	26.9	41.1	21.6
24	43.1	22.6	42.5	21.4	41.8	23.3	37.4	26.8	40.0	22.2
25	42.2	22.9	41.3	18.3	43.3	22.9	37.8	24.7	39.4	25.0
26	40.6	23.5	39.1	20.1	38.3	21.2	33.6	27.8	38.3	22.8
27	40.0	23.3	39.4	18.9	39.1	20.7	35.1	25.4	38.3	24.4
28	40.8	20.3	38.2	16.7	37.4	21.1	34.8	25.1	38.9	21.6
29	40.4	25.6	39.3	17.2	38.2	22.9	36.8	24.4	39.4	22.2
30	42.2	26.9	40.3	19.5	39.9	23.5	36.3	25.9	40.5	24.4
MEANS	41.5	22.6	39.3	18.6	39.0	23.0	38.0	26.1	39.9	23.0
NORMAL	40.7	23.9	39.4	18.5	39.2	23.3	38.2	27.4	41.4	23.1
PEROID OF NORMAL	1937- 1956		1923- 1956		1938- 1956		1937- 1956		1937- 1956	

MONTHLY MEAN TEMPERATURES

STATION	GRASS MIN.	EARTH 1 FT.	EARTH 4 FT.	MONTHLY SUNSHINE TOTAL HOURS
BAGHDAD	16.9	29.1	25.0	374.8
MOSUL	15.0	32.9	27.0	387.3
KIRKUK	....	29.1	25.4	.....
BASRA	....	....	....	284.0
HABBANIYA	21.1	33.5	28.1	375.4

ABLE 1-CONTINUED. JUNE 1956.

DAILY MAXIMUM AND MINIMUM TEMPERATURES

	KHANAQIN		RUTBA		HAI		DIWANIYA		NASIRIYA	
DATE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	38.3	21.7	30.6	15.7	38.5	19.8	36.3	18.4	36.3	22.3
2	34.7	18.3	30.4	15.4	35.6	22.4	34.8	20.6	35.0	25.0
3	35.8	16.7	35.1	17.0	37.5	24.3	36.2	20.6	32.0	22.9
4	37.2	20.6	37.0	20.0	39.5	24.9	38.3	22.0	35.3	23.5
5	39.4	19.4	37.6	19.7	41.6	25.2	40.8	25.9	40.3	24.0
6	40.0	22.8	37.7	20.7	43.6	29.4	41.9	22.6	44.1	25.0
7	40.0	21.1	33.7	18.6	42.0	26.0	39.5	23.2	41.9	26.3
8	39.4	20.0	36.7	15.7	42.0	21.4	40.4	21.3	39.1	24.7
9	39.4	20.0	36.6	18.7	42.0	26.2	40.6	24.9	37.2	26.2
10	40.0	18.3	36.3	19.4	41.6	26.4	40.5	23.8	40.2	25.7
11	41.1	20.6	36.5	21.3	41.6	23.5	40.5	24.7	40.1	21.3
12	40.6	23.3	37.0	20.2	42.1	24.1	41.2	22.0	43.2	23.5
13	40.4	24.4	36.6	20.5	42.5	22.9	41.0	21.0	44.3	23.2
14	38.9	23.6	36.2	20.7	42.0	24.7	41.9	23.4	43.3	24.5
15	40.0	22.2	38.7	19.0	41.0	23.8	40.6	22.0	41.2	28.1
16	39.4	26.7	40.5	23.2	42.4	23.2	42.9	22.8	43.7	26.3
17	42.8	25.0	38.7	22.3	44.0	26.7	42.0	26.9	47.0	25.0
18	41.1	25.8	36.2	20.4	43.6	24.8	42.5	21.4	41.8	26.3
19	39.4	23.3	36.0	20.4	40.2	27.6	39.2	24.9	42.5	28.8
20	41.9	21.1	36.8	20.4	41.2	24.8	39.6	26.0	36.3	27.0
21	42.5	22.2	37.5	20.6	43.4	24.6	41.4	24.4	40.0	25.2
22	40.8	22.2	36.0	19.6	42.7	28.8	39.8	25.5	42.5	27.0
23	41.9	19.4	37.1	18.2	41.2	23.8	39.7	21.2	38.0	23.6
24	42.5	21.1	37.5	20.4	41.5	23.8	39.4	23.0	37.3	25.0
25	41.7	21.1	36.5	20.3	41.1	24.0	39.4	23.6	37.0	23.2
26	39.1	23.3	34.6	17.5	39.0	24.6	38.0	24.3	34.1	25.2
27	38.9	19.4	34.3	18.4	38.5	24.2	37.2	23.6	33.0	24.2
28	38.0	20.6	35.0	19.8	39.8	23.6	38.3	22.7	35.0	24.0
29	38.9	19.4	36.0	19.0	40.0	24.7	39.5	22.0	39.0	23.4
30	41.7	21.7	36.3	21.0	41.8	26.5	40.6	22.8	35.7	26.4
EANS	39.8	21.5	36.1	19.5	41.1	24.7	39.8	23.1	39.2	24.9
ORMAL	40.7	21.4	35.8	18.6	41.9	24.8	40.9	21.9	39.7	24.7
ERIOD OF ORMAL	1939-	1956	1928-	1956	1940-	1956	1939-	1956	1940-	1956

NOTE: TEMPERATURES ARE IN CENTIGRADE.

TABLE 2. JUNE 1956.

MONTHLY MEAN TEMPERATURES (IN CENTIGRADE) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	26.0	23.8	32.4	38.6	40.7	38.9	32.0	28.9	32.7
MOSUL	22.1	21.7	30.7	36.9	38.5	37.1	30.1	25.3	30.3
KIRKUK	25.1	25.4	32.8	36.7	38.2	36.9	30.6	27.3	31.6
KHANAQIN	....	22.7	33.8	....	39.2	37.2	31.1	....	32.8
RUTBA	21.1	20.1	27.7	32.5	35.2	34.6	28.6	24.3	28.0
HAI	26.7	25.6	34.7	39.7	40.7	38.3	31.9	....	33.9
DIWANIYA	25.3	24.5	32.3	37.8	39.3	37.6	30.7	28.0	31.9
NASIRIYA	26.7	26.2	31.3	36.9	37.4	34.7	31.0	28.9	31.6
BASRA	27.8	26.8	31.8	35.6	37.1	34.7	31.4	29.4	31.8
HABBANIYA	25.5	23.8	31.5	37.9	39.5	38.3	31.5	28.3	32.0

TABLE 3

MONTHLY MEAN PRESSURE (IN MILLIBARS) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	02.5	03.4	03.6	03.9	02.8	02.0	03.0	03.2	03.0
MOSUL	05.0	05.6	05.3	04.3	02.8	02.2	03.7	04.7	04.2
KIRKUK	02.8	02.8	02.7	01.9	00.3	00.4	02.2	02.8	02.0
KHANAQIN	....	03.8	02.7	....	00.4	00.1	00.2	....	01.5
RUTBA	06.7	05.8	07.8	07.3	06.3	05.7	06.3	06.8	06.3
HAI	01.3	01.6	01.9	01.7	01.0	00.7	01.5	....	01.4
DIWANIYA	01.8	02.5	03.2	03.0	01.9	01.2	02.2	02.2	02.3
NASIRIYA	01.5	01.9	02.7	02.4	01.4	01.0	01.7	01.7	01.8
BASRA	99.6	00.3	01.2	01.2	00.2	99.6	00.1	00.1	00.3
HABBANIYA	03.3	04.2	04.8	04.4	03.2	02.1	03.5	03.5	03.6

TABLE 4

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	28	33	23	14	10	13	20	22	20
MOSUL	43	49	25	16	14	16	26	36	28
KIRKUK	28	30	18	14	12	13	20	23	20
KHANAQIN	..	28	16	..	13	12	17	..	17
RUTBA	32	40	24	16	12	12	18	24	22
HAI	29	33	24	15	14	17	25	..	22
DIWANIYA	37	41	29	18	16	17	28	31	27
NASIRIYA	44	44	37	27	26	34	43	45	38
BASRA	50	52	42	36	33	39	46	48	43
HABBANIYA	35	40	27	17	15	16	26	29	26

TABLE 5. JUNE 1956.

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	9.0	9.5	11.1	9.1	7.7	8.5	9.2	8.6	9.1
MOSUL	11.1	12.3	11.3	10.1	9.4	10.4	10.8	11.3	10.8
KIRKUK	8.8	9.3	9.1	9.0	8.3	8.1	8.6	9.0	8.8
KHANAQIN	....	7.7	8.6	....	8.9	8.0	8.2	....	8.2
RUTBA	8.3	9.3	8.9	7.8	6.7	6.7	7.0	7.3	7.8
HAI	10.3	10.8	13.0	10.9	10.8	11.8	11.7	....	11.3
DIWANIYA	11.7	12.4	14.0	11.8	11.3	11.0	12.2	11.2	12.0
NASIRIYA	15.4	15.1	16.7	16.2	16.0	18.4	19.4	17.9	16.9
BASRA	18.6	18.2	19.6	20.6	20.3	21.6	20.9	19.8	19.9
HABBANIYA	11.5	11.8	12.7	11.3	10.9	11.2	11.9	11.3	11.6

TABLE 6

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	5.4	6.0	8.1	5.1	3.2	4.3	5.4	4.5	5.3
MOSUL	8.3	9.8	8.6	6.8	5.6	6.9	7.7	8.4	7.8
KIRKUK	4.9	5.6	5.2	5.0	3.6	3.3	4.3	5.1	4.6
KHANAQIN	....	3.3	4.6	....	4.5	3.1	3.6	....	3.8
RUTBA	4.0	5.6	5.0	3.0	0.7	0.9	1.4	2.2	2.9
HAI	7.1	8.0	10.6	7.6	7.5	8.8	8.9	....	8.4
DIWANIYA	8.7	9.8	11.7	9.2	8.5	8.1	9.6	8.3	9.2
NASIRIYA	13.1	12.6	14.4	13.9	13.7	15.7	16.9	15.5	14.5
BASRA	16.1	15.8	17.0	17.8	17.3	18.5	17.9	17.0	17.2

TABLE 7

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	0.3	0.3	0.0	0.0	0.1
MOSUL	0.1	0.2	0.1	0.2	0.5	0.6	0.3	0.2	0.3
KIRKUK	0.0	0.1	0.0	0.1	0.4	0.3	0.1	0.1	0.1
KHANAQIN	...	0.0	0.0	...	0.1	0.0	0.0	...	0.0
RUTBA	0.1	0.0	0.0	0.1	0.3	0.4	0.2	0.1	0.2
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	0.8	2.4	2.7	1.3	0.0	0.0	0.9
BASRA	0.0	0.3	0.5	0.8	2.4	1.6	0.5	0.0	0.8
HABBANIYA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 8

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	0.1	0.1	0.3	0.3	0.0	0.0	0.1
MOSUL	0.1	0.2	0.1	0.3	0.9	0.8	0.4	0.3	0.4
KIRKUK	0.0	0.1	0.0	0.1	0.5	0.3	0.1	0.1	0.2
KHANAQIN	...	0.0	0.1	...	0.3	0.3	0.0	...	0.1
RUTBA	0.1	0.2	0.1	0.2	0.4	0.5	0.2	0.2	0.2
HAI	0.0	0.1	0.2	0.2	0.3	0.2	0.0	...	0.1
DIWANIYA	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.1
NASIRIYA	0.0	0.1	0.8	2.5	2.7	1.4	0.0	0.0	0.9
BASRA	0.0	0.3	0.6	0.8	2.4	1.7	0.5	0.0	0.8
HABBANIYA	0.0	0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.1

TABLE 9. JUNE 1956.

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

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

TABLE 10.

NUMBER OF CASES OF :-

STATION	RAIN	SNOW	HAIL	THUNDERSTORM	FOG	DUST	CLEAR	CLOUDY
BAGHDAD	0	0	0	0	0	3	30	0
MOSUL	0	0	0	1	0	0	28	0
KIRKUK	0	0	0	0	0	3	30	0
KHANAQIN	0	0	0	0	0	0	29	0
RUTBA	0	0	0	0	0	0	28	0
HAI	0	0	0	0	0	5	29	0
DIWANIYA	0	0	0	0	0	0	29	0
NASIRIYA	0	0	0	0	0	13	22	0
BASRA	0	0	0	0	0	9	25	0
HABBANIYA	0	0	0	0	0	0	29	0

TABLE 11. JUNE 1956.

MONTHLY TOTAL RAINFALL AT SELECTED STATIONS.

STATION	LAT(N)	LONG(E)	HEIGHT ABOVE M.S.L. IN METERS	TOTAL RAINFALL IN MILLIMETERS
ZAKHO	37.08	42.41	442	0.0
AMADIA	37.05	43.30	1236	0.0
RAWANDUZ	36.37	44.33	1006	0.0
TEL AFAR	36.41	42.24	346	0.0
SINJAR	36.19	41.50	576	0.0
TELAFFAR	36.22	42.28	373	0.0
ARBIL	36.11	44.00	414	0.0
HAWLJAH	35.31	44.18	305	0.0
SULAIMANIYA	35.33	45.27	853	0.0
PENJWIN	35.37	45.58	1311	0.0
BAKRAJO	35.34	45.23	750	0.0
HALABJAH	35.11	45.59	724	0.0
IFTIKHAR	35.03	44.27	204	0.0
CHUARTA	35.44	45.33	1356	0.0
SALAHDDIN	36.37	44.13	1088	0.0
RAYAT	36.41	44.57	2610	0.0
DUHOK	36.52	43.02	860	0.0
SINAT	36.46	42.48	-	0.0
MIRZA RUSTAM	36.03	44.56	459	0.0
SHAQLAWA	36.23	44.20	-	0.0
SARSANK	36.58	43.32	1046	0.0
BINKIRD	36.03	45.03	708	0.0
TUZ	34.53	44.39	220	0.0
ANA	34.28	41.27	-	0.0
AL MANSOOR	34.05	45.01	68	0.0
JALAWLA	34.16	45.09	119	0.0
HIT	33.38	42.50	58	0.0
MANDILY	33.45	45.33	137	0.0
HINDIYA	32.42	44.17	24	0.0
HILLA	32.29	44.26	27	0.0
KUT	32.30	45.45	19	0.0
NUKHAIB	33.02	42.15	305	0.0
AMARA	31.51	47.10	9	0.0
SHABICHA	30.42	43.41	-	0.0
SAMAWA	31.18	45.16	6	0.0
BADRA	31.26	46.10	9	0.0
GHABISHIYA	30.44	47.05	4	0.0
MAQIL	30.34	47.47	2	0.0
FAO	29.59	48.30	2	0.0
SHAIBA	30.25	47.39	18	0.0

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	13	0	2	0	0	0	2	13	0	7
0300	8	1	2	0	0	0	2	17	0	7
0600	8	1	0	0	0	0	2	19	0	10
0900	15	1	0	0	0	0	0	14	0	13
1200	9	1	0	0	0	0	5	15	0	14
1500	7	0	0	0	0	0	5	18	0	12
1800	2	1	0	0	0	1	3	23	0	7
2100	6	1	1	0	0	0	2	20	0	8
TOTAL	68	6	5	0	0	1	21	139	0	10

M O S U L

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	7	4	0	1	0	0	6	6	6	6
0300	19	3	1	0	0	0	3	4	0	5
0600	10	14	1	0	0	0	5	10	0	11
0900	8	5	1	0	0	1	10	5	0	11
1200	11	3	1	0	0	2	10	3	0	11
1500	5	2	1	0	0	2	11	8	1	9
1800	3	5	2	0	0	2	15	3	0	8
2100	7	5	2	0	0	1	9	4	2	7
TOTAL	70	31	9	1	0	8	69	43	9	9

K I R K U K

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	10	13	2	0	0	0	2	0	3	5
0300	12	7	4	0	0	0	0	0	7	4
0600	9	3	3	0	0	1	5	8	1	6
0900	8	3	2	0	0	2	6	9	0	8
1200	5	2	1	1	0	2	12	7	0	10
1500	7	1	2	0	1	0	9	10	0	7
1800	12	5	1	0	0	0	5	4	3	5
2100	6	11	1	0	0	0	2	3	7	4
TOTAL	69	45	16	1	1	5	41	41	21	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	12	0	1	0	2	0	14	2
0600	7	0	6	0	0	0	5	0	12	3
0900	-	-	-	-	-	-	-	-	-	-
1200	3	0	0	0	1	0	18	6	2	6
1500	8	0	0	0	0	0	12	9	1	6
1800	4	0	0	0	2	0	12	6	6	4
2100	-	-	-	-	-	-	-	-	-	-
TOTAL	23	0	18	0	4	0	49	21	35	4

SURFACE WIND-NUMBER OF OBSERVATIONS.

RUTBA

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	2	0	0	0	0	0	9	12	7	5
0300	1	0	0	0	3	4	8	9	5	5
0600	8	1	0	0	1	0	3	15	2	8
0900	6	2	0	1	1	0	5	13	2	7
1200	3	0	0	0	1	3	12	11	0	9
1500	4	0	2	1	0	1	7	15	0	8
1800	7	1	1	0	0	1	8	11	1	6
2100	1	1	1	0	1	2	4	16	4	5
TOTAL	32	5	4	2	7	11	56	102	21	7

HAI

HOURS	N	NE	E	SE	S	SW	W	NW	●	V.K.
0000	0	0	0	0	0	0	25	4	1	12
0300	0	0	0	0	0	0	28	1	1	10
0600	0	0	0	0	0	0	21	6	3	12
0900	0	0	0	0	0	0	23	6	1	16
1200	0	0	0	0	0	0	23	6	1	16
1500	0	0	0	0	0	1	26	2	1	12
1800	0	0	0	0	0	0	29	0	1	10
2100	-	-	-	-	-	-	-	-	-	-
TOTAL	0	0	0	0	0	1	175	25	10	13

DIWANIYA

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	13	0	1	0	0	0	14	2	0	9
0300	9	0	1	0	0	0	14	4	2	9
0600	16	0	0	0	0	0	11	2	1	13
0900	16	0	0	0	0	0	10	4	0	16
1200	14	0	0	0	0	0	8	8	0	16
1500	18	0	0	0	0	0	7	4	1	12
1800	7	0	0	0	0	1	16	5	1	8
2100	14	0	0	0	0	0	15	1	0	9
TOTAL	107	0	2	0	0	1	95	30	5	12

NASIRIYA

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	12	0	0	0	0	1	10	7	0	11
0300	11	0	0	0	1	0	12	6	0	11
0600	5	0	0	0	0	0	1	24	0	13
0900	10	0	0	0	0	0	1	19	0	15
1200	7	0	0	0	0	0	6	17	0	13
1500	6	0	2	0	0	0	10	12	0	11
1800	5	0	1	1	0	0	17	6	0	10
2100	7	0	0	0	0	0	10	13	0	11
TOTAL	63	0	3	1	1	1	67	104	0	12

SURFACE WIND - NUMBER OF OBSERVATIONS.

B A S R A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	2	0	0	0	0	1	5	22	0	10
0300	2	0	0	0	0	1	9	18	0	9
0600	1	0	0	0	0	0	5	23	1	12
0900	0	0	0	0	0	0	9	21	0	13
1200	0	0	0	0	0	0	6	24	0	12
1500	3	0	0	0	0	0	8	19	0	9
1800	3	0	1	0	0	0	9	17	0	10
2100	1	1	0	0	0	1	8	19	0	10
TOTAL	12	1	1	0	0	3	59	163	1	11

H A B B A N I Y A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	2	1	0	0	1	0	4	18	4	7
0300	0	0	0	0	0	0	4	22	4	8
0600	4	0	0	0	0	0	3	23	0	12
0900	3	0	0	0	0	0	4	21	2	13
1200	3	0	0	0	1	1	3	22	0	14
1500	6	0	0	0	0	1	6	17	0	11
1800	3	0	0	0	0	0	8	17	2	7
2100	1	1	1	0	0	0	8	16	3	6
TOTAL	22	2	1	0	2	2	40	156	15	10

TABLE 13.

NUMBER OF CASES WITH SELECTED WIND - FORCE (ALL OBSERVATIONS)

WIND FORCE	BAGH-DAD	MOSUL	KIR-KUK	KHANA-QIN	RUTBA	HAI	DIWA-NIYA	NASI-RIYA	BASRA	HABBA-NIYA
1-10	150	154	196	113	179	83	117	91	122	127
11-21	89	76	23	2	37	98	107	145	111	33
22-33	1	1	0	0	3	19	11	4	6	5
) 34	0	0	0	0	0	1	0	0	0	0

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

2- C - MEANS CALM.

V.K. MEANS WIND VELOCITY IN KNOTS.

TABLE 14.

BAGHDAD AIRPORT

Month June

Year 1956

Frequency Of Horizontal Visibility

T I M E - G.M.T.

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	TOTAL
0 -200M															1/1										1
>200 -500M																									
>500 -1000M										2/2	2/2	1/1	1/1	1/1		1/1									8
>1000 -1500M												1/1	1/1	1/1	1/1		1/1	1/1							6
>1500 -3000M						1/1	2/2	1/1	2/2	1/1	1/1	1/1			1/1	1/1									11
>3 -5KM						2				1/1	1/1	1/1	1/1	1/1	1/1	3/3	4/5	1/8	1/1						25
>5 =10KM	1/1	1/1	2/5	3/6	3/7	2/9	2/3	3/5	7/7	5/5	6/7	6/7	4/4	4/4	2/2	2/2	3/13	6/16	3/7	3/5	2/3	1/1	1/1	1/1	122
>10 -15KM	9	6	7	6	7	8	7	4	3	1	2	1	5	4	5	7	8	5	16	13	10	10	11	10	165
>15	20	23	18	18	16	10	18	20	18	20	17	18	18	19	19	16	3		6	12	17	19	18	19	382
TOTAL	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	720

NOTE

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

Frequency of Different Heights
Of Cloud-Base (Amount 5-8 Oktas)

T I M E - G.M.T.

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

TABLE 14-CONTINUED.

Month June

Year 1956.

BASRAH AIRPORT

Frequency Of Horizontal Visibility

T I M E - G.M.T.

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	TOTAL
0 -200M						1/1	1/1				1/1	1/1		2/2	2/2	2/2	2/2	1/1	1/1					1/1	15
>200 -500M				1/1	1/1			2/2	2/2	1/1	1/1	1/1	2/2					1/1	2/2	1/1	1/1	1/1	1/1		18
>500 -1000M	1/1	1/1	2/2	1/1	1/1	1/1	2/2	1/1	1/1	2/2	3/3	5/5	4/4	3/3	4/4	2/2	2/2	3/3	2/2	4/4	2/2	1/1			48
>1000 -1500M		1/1					1/1		1/1	2/2	1/1		2/2			3/3	2/2	1/1	2/2		2/2	2/2	1/1		21
>1500 -3000M	3/3		1/1	2/2		2/2	1/1	3/3	2/2	4/4	7/7	6/6	5/5	7/7	5/5	2/2	3/3	5/5	2/2	2/2		4/4	4/4	4/4	74
>3 -5KM	1/1	1/1	1/1	2/2	2/2			1/1	3/3			1/1	1/1	3/3	4/4	5/5	6/6	3/3	3/3		2/2		1/1		40
>5 -10KM	3/3	4/4	3/3	1/1	2/2	4/4	2/2	2/2	3/3	7/7	4/4	4/4	5/5	4/4	7/8	8/8	5/6	5/5	6/7	9/9	9/9	4/6	5/5	3/3	114
>10 -15KM	3	2	3	4	3	2	4	5	3	3	2	1	1	4	1	2	3	4	5	8	5	3	5	7	83
>15	19	21	20	19	21	20	19	16	15	11	11	11	10	7	6	6	6	7	6	6	9	13	13	15	307
Total	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	720

Note

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

Frequency Of Different Heights
Of Cloud-Base (Amount 5-8 Oktas)

T I M E - G.M.T.

Height	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	TOTAL
0 -50M				2	1	2	4	3	3	6	5	8	18	10	8	11	5	2	4	1	1				94
>50 -150M																									
>150 -300M																									
>300 -500M																									
>500 -900M																									
>900M																		1							1

TABLE 15.

Month June
Year 1956.

BAGHDAD AIRPORT

Simultaneous Occurrences Of
Specified Visibility Ranges and Specified Lowest
Cloud Base (>5 Oktas)

HEIGHT METERS	VISIBILITY 0-200M			>200-500M			> 0.5-1KM			> 1-1.5KM			> 1.5-3KM			> 3-5KM			> 5-10KM			> 10-15KM			> 15KM			TOTAL		
0-50																														
>50-150																														
>150-300																														
>300-500																														
>500-900																														
<5/8 OR *														2				1	6	3	9	6	7	20	18	18	30	30	30
> 900							2	1	1		1		1	1	1	1	3	5	4	2	1	5	7	20	18	16	30	30	30
AND 5/8									4			1		4	1		6	7	1	29	16	10	61	6	19	135	30	30	240
														2				1	6	3	9	6	7	20	18	18	30	30	30
TOTAL							2	1	1		1		1	1	1	1	3	5	4	2	1	5	7	20	18	16	30	30	30
									4			1		4	1		6	7	1	29	16	10	61	6	19	135	30	30	240

Note

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

00	03	06
09	12	15
18	21	To

G.M.T.

To=Total for all hours

*ALL CASES WITH cloud amount OF LESS THAN 5/8 ARE ENTERED HERE.

TABLE 15-CONTINUED.

Month June
Year 1956.

BASRAH AIRPORT

Simultaneous Occurrences Of Specified Visibility Ranges and Specified Lowest Cloud Base (≥ 5 Oktas)

HEIGHT METERS	VISIBILITY 0-200M			>200-500M			>0.5-1KM			>1-1.5KM			>1.5-3KM			>3-5KM			>5-10KM			>10-15KM			15KM			TOTAL		
0-50			1		1										1														1	1
			2	1	2		1	3	2	1	1	2		3														3	9	6
	1		4	1		5			6			4			4													2		23
> 50-150																														
> 150-300																														
> 300-500																														
> 500-900																														
≤ 5/8 OR *							1	1	2			1	3	1		1	3		3	1	2	3	4	4	19	19	19	30	29	28
> 900							1	1		1	1	1	4	2	2		1	5	7	5	8	3	1	2	11	10	6	27	21	24
AND > 5/8				1	1	2	2	1	9	2	2	8	2	4	18	3		13	7	6	39	5	3	25	6	13	103	28	30	217
			1		1		1	1	2			1	3	1	1	1	3		3	1	2	3	4	4	19	19	19	30	30	30
TOTAL			2	1	2		2	4	2	2	2	3	4	5	2		1	5	7	5	8	3	1	2	11	10	6	30	30	30
	1		4	2	1	7	2	1	15	2	2	12	2	4	22	3		13	7	6	39	5	3	25	6	13	103	30	30	240

Note

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

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

To=Total for all hours

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

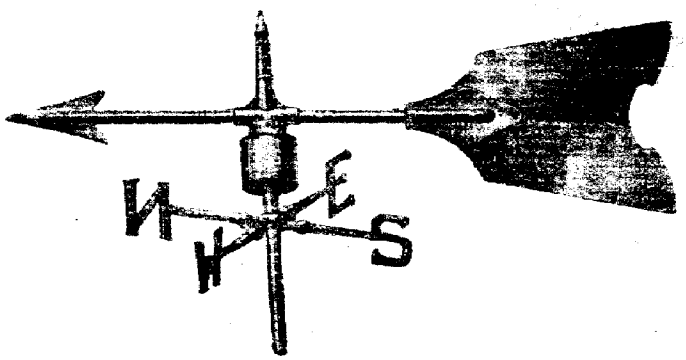
الحكومة العراقية

وزارة المواصلات والاشغال

مديرية الطيران المدني العامة

مديرية الانواء الجوية

التقرير الجوي الشهري
للعراق
بغداد



GOVERNMENT OF IRAQ
MINISTRY OF COMMUNICATIONS AND WORKS
DIRECTORATE GENERAL OF CIVIL AVIATION
METEOROLOGICAL DEPARTMENT

Iraq. Met Service

MONTHLY WEATHER REPORT July 1956 FOR IRAQ

BAGHDAD.

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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.

PREPARED AND PUBLISHED

BY THE IRAQI METEOROLOGICAL DEPARTMENT

CLIMATOLOGICAL SECTION.

TABLE 1. (1) JULY 1956.

DAILY MAXIMUM AND MINIMUM TEMPERATURES

DATE	BAGHDAD MAX.	BAGHDAD MIN.	MOSUL MAX.	MOSUL MIN.	KIRKUK MAX.	KIRKUK MIN.	BASRA MAX.	BASRA MIN.	HABBANIYA MAX.	HABBANIYA MIN.
1	43.4	26.3	44.4	21.2	43.3	23.1	35.0	28.1	42.2	24.4
2	46.5	27.4	47.5	24.0	47.3	27.2	40.6	26.7	44.4	28.3
3	46.8	28.5	48.2	23.7	47.2	26.6	39.3	27.1	44.4	27.8
4	44.9	23.4	47.6	21.7	46.0	27.8	39.4	27.0	44.4	26.1
5	45.8	23.5	46.1	20.4	44.4	27.1	42.3	27.2	42.8	25.0
6	44.5	23.1	43.6	19.8	42.5	26.4	41.7	28.3	42.8	24.4
7	44.0	24.3	42.7	19.1	41.9	25.0	42.1	26.4	43.3	25.0
8	44.9	27.8	43.3	19.7	42.6	26.3	41.7	28.4	43.3	24.4
9	46.3	23.6	44.1	21.7	43.0	24.5	40.7	29.3	43.9	25.0
10	44.0	24.4	43.2	25.1	42.6	26.5	40.4	27.7	42.2	27.8
11	43.1	26.1	41.3	21.1	40.9	24.3	37.4	26.8	40.5	25.5
12	42.7	25.5	42.2	18.8	41.1	23.4	38.1	28.2	40.5	23.9
13	44.2	23.8	44.2	20.2	42.4	24.1	38.3	25.3	40.5	25.5
14	43.6	24.8	44.4	22.1	43.4	24.0	37.7	25.8	42.2	26.1
15	43.1	25.4	43.2	24.2	42.5	26.0	38.2	26.3	40.5	26.1
16	44.4	22.2	43.6	20.1	42.6	26.6	38.9	24.8	42.8	23.3
17	45.0	26.2	45.0	23.0	43.9	29.1	42.1	25.8	45.0	27.2
18	46.9	25.8	45.8	20.7	44.5	27.8	42.9	27.5	44.4	26.6
19	46.2	24.2	42.4	20.8	42.6	26.2	41.1	26.9	43.3	25.0
20	44.0	24.7	41.7	20.5	41.2	25.5	40.8	28.1	41.1	23.9
21	44.4	21.6	43.3	16.3	42.8	23.2	38.2	27.6	41.1	25.5
22	45.8	24.4	44.6	19.9	45.0	27.4	39.2	26.1	44.4	25.0
23	47.0	28.5	44.0	26.6	45.0	26.6	45.0	28.6	41.6	31.6
24	46.6	24.0	46.7	23.0	45.4	26.8	42.8	30.0	44.4	23.9
25	47.6	23.3	46.2	22.4	45.0	26.4	41.1	33.9	45.0	25.0
26	45.3	25.1	44.1	20.9	43.4	24.8	40.6	28.6	43.9	25.5
27	44.8	23.7	45.1	21.4	43.0	25.6	42.2	30.0	43.9	25.5
28	45.4	29.3	43.2	20.8	42.7	25.0	42.8	30.6	43.9	26.1
29	45.6	30.2	43.9	19.9	42.8	25.6	44.0	30.6	45.0	27.2
30	46.4	29.5	44.7	18.4	43.2	27.3	46.1	29.7	45.0	26.1
31	47.6	29.5	44.2	20.5	43.7	30.2	41.7	28.6	45.0	26.1
MEANS	45.2	25.5	44.3	21.2	43.5	26.0	40.7	27.9	43.1	25.8
NORMAL	43.3	24.8	43.3	21.7	42.6	26.3	40.2	27.6	44.0	25.7
PEROID OF NORMAL	1937-1956		1923-1956		1938-1956		1937-1956		1937-1956	

STATION	MONTHLY MEAN TEMPERATURES GRASS MIN.	EARTH 1 FT.	EARTH 4 FT.	MONTHLY TOTAL SUNSHINE HOURS
BAGHDAD	19.7	30.1	26.6	377.3
MOSUL	17.3	35.9	30.8	393.6
KIRKUK	....	32.2	29.2	.....
BASRA	....	....	....	337.7
HABBANIYA	23.4	34.9	30.1	367.2

TABLE 2-CONTINUED. (2) JULY 1956.

DAILY MAXIMUM AND MINIMUM TEMPERATURES

	KHANAQIN		RUTBA		HAI		DIWANIYA		NASIRIYA	
DATE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	43.0	21.7	37.8	19.6	42.8	24.2	40.2	24.8	36.2	25.4
2	48.6	25.6	38.8	21.9	45.0	28.8	43.8	26.8	45.2	26.1
3	46.1	27.5	37.9	21.6	43.4	28.0	42.2	27.4	40.0	25.8
4	46.7	27.8	39.0	21.9	44.8	26.6	42.0	23.1	42.2	25.3
5	45.6	26.7	38.5	21.6	45.6	26.3	43.0	22.2	45.3	22.9
6	43.3	26.9	39.4	21.7	44.4	25.3	43.8	22.6	46.2	26.6
7	42.8	24.4	39.5	21.7	44.0	28.7	42.5	24.2	44.8	27.9
8	42.8	23.6	40.1	22.6	44.0	28.6	42.2	26.4	42.8	28.4
9	43.9	24.7	38.7	22.0	44.4	26.5	43.7	24.2	43.8	27.8
10	43.9	23.9	37.0	22.2	44.7	26.8	42.8	23.3	42.8	27.4
11	41.4	23.9	35.8	21.7	40.9	26.0	39.8	27.4	38.3	28.7
12	44.1	23.9	35.7	21.0	40.0	26.1	39.2	24.1	36.8	25.2
13	41.7	23.9	36.6	21.2	40.6	23.5	39.6	22.9	38.8	23.8
14	41.4	22.8	36.6	20.5	40.6	22.5	40.6	22.1	39.9	23.6
15	41.6	23.9	36.2	20.3	40.9	26.9	39.7	24.4	40.0	23.7
16	43.3	23.3	38.5	22.4	42.4	21.7	41.4	20.2	42.6	23.3
17	43.6	27.2	40.0	22.3	42.7	21.9	42.2	24.1	42.7	23.3
18	43.6	27.8	39.5	22.0	44.6	27.4	43.0	25.0	44.9	24.5
19	43.0	24.4	38.0	22.0	44.4	24.9	43.0	24.0	44.8	25.1
20	41.4	24.7	36.5	22.3	42.1	26.5	41.0	23.9	43.3	25.0
21	42.8	21.7	37.0	21.0	41.0	24.0	41.0	23.9	40.0	25.3
22	44.7	25.6	37.4	21.2	44.8	26.0	42.3	23.5	45.7	25.3
23	46.1	26.7	40.2	23.8	45.4	27.2	44.8	26.5	44.7	27.2
24	45.8	25.3	39.7	22.3	45.6	26.8	42.5	26.0	47.0	28.4
25	45.6	25.6	40.0	22.9	45.0	25.8	44.0	24.7	46.6	26.6
26	43.0	27.5	40.4	21.8	43.5	26.6	42.0	28.0	43.0	27.7
27	42.8	25.6	40.2	23.9	44.5	26.9	43.7	24.7	46.0	27.4
28	43.3	25.6	40.0	23.0	44.6	26.6	45.6	25.6	45.8	24.1
29	43.6	23.9	43.1	22.6	46.6	24.9	46.2	26.5	46.8	27.0
30	44.4	27.2	43.7	23.9	45.5	28.9	46.0	24.8	47.4	26.2
31	45.0	26.7	41.6	25.0	45.0	26.8	44.0	24.0	44.5	26.1
MEANS	43.9	25.1	38.4	22.1	43.7	26.2	41.2	23.9	43.2	25.8
NORMAL	43.8	25.7	38.6	21.4	44.0	26.3	42.8	23.6	42.6	25.4
PEROID OF NORMAL	1939-1956		1928-1956		1940-1956		1939-1956		1940-1956.	

NOTE: TEMPERATURES ARE IN CENTIGRADE.

TABLE 2. JULY 1956.

MONTHLY MEAN TEMPERATURES (IN CENTIGRADE) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	29.0	26.5	34.8	41.7	44.5	42.3	34.1	30.9	35.5
MOSUL	24.3	23.5	33.4	41.4	43.7	41.8	33.9	29.0	33.9
KIRKUK	28.6	27.5	36.4	41.2	42.9	41.3	33.9	30.7	35.3
KHANAQIN	....	26.2	36.6	....	43.6	40.5	34.6	....	36.3
RUTBA	24.1	22.5	29.9	38.7	37.9	37.1	31.0	27.1	31.0
HAI	29.0	27.1	34.7	41.5	43.2	40.4	34.3	....	35.7
DIWANIYA	26.7	25.5	32.9	40.1	40.9	39.8	32.6	29.4	33.5
NASIRIYA	28.4	26.8	32.9	39.6	41.9	39.1	33.2	30.3	34.0
BASRA	29.7	28.2	33.5	37.9	39.7	37.3	34.0	32.1	34.1
HABBANIYA	27.9	26.3	33.2	40.7	42.7	41.5	34.3	30.9	34.4

TABLE 3

MONTHLY MEAN PRESSURE (IN MILLIBARS AT M.S.L.) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	97.6	98.4	98.9	98.6	97.2	96.4	97.5	97.4	97.8
MOSUL	99.2	99.9	99.4	98.2	96.7	96.2	97.7	98.5	98.2
KIRKUK	97.2	97.7	96.9	95.9	94.8	94.5	96.5	97.1	96.3
KHANAQIN	....	98.0	93.8	....	91.6	92.0	93.4	....	93.8
RUTBA	02.2	02.9	03.1	02.5	01.5	01.1	01.7	02.3	02.2
HAI	96.5	97.0	97.4	97.2	96.3	95.9	96.7	....	96.7
DIWANIYA	96.8	97.5	98.1	97.9	96.7	96.1	96.9	96.9	97.1
NASIRIYA	96.9	97.4	98.1	97.6	96.7	96.2	97.1	97.1	97.1
BASRA	96.0	96.6	97.4	97.2	96.0	95.3	96.2	96.4	96.4
HABBANIYA	98.2	98.9	99.7	99.0	97.9	97.0	98,0	98,2	98.4

TABLE 4

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	25	30	22	14	11	14	24	25	20
MOSUL	41	45	24	15	12	14	22	28	25
KIRKUK	26	29	19	14	13	13	20	24	20
KHANAQIN	..	23	16	,,	11	12	17	,,	16
RUTBA	31	31	28	19	15	16	22	27	24
HAI	27	32	28	17	15	18	24	,,	23
DIWANIYA	39	42	29	20	16	20	31	35	29
NASIRIYA	40	42	32	24	20	26	39	43	33
BASRA	60	59	47	37	34	41	50	56	48
HABBANIYA	28	31	25	14	11	12	21	23	21

TABLE 5 JULY 1956.

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	9.3	10.0	11.9	10.3	9.8	11.2	12.3	10.8	10.7
MOSUL	12.2	12.7	12.3	11.9	10.7	11.5	11.0	10.7	11.6
KIRKUK	9.9	10.9	11.3	11.1	10.5	10.1	10.5	10.8	10.6
KHANAQIN	....	8.0	9.9	....	9.4	8.9	9.1	....	9.1
RUTBA	10.8	11.0	11.6	10.5	9.8	10.0	9.7	9.7	10.8
HAI	10.9	11.3	15.4	13.7	12.7	13.7	13.2	....	13.0
DIWANIYA	13.5	13.6	15.1	14.2	13.4	13.9	14.9	14.2	14.1
NASIRIYA	15.5	14.9	16.0	17.0	16.1	17.4	20.0	18.4	16.9
BASRA	24.8	22.9	24.4	24.2	24.7	26.2	27.0	26.5	25.1
HABBANIYA	10.5	10.6	12.5	10.4	9.5	10.0	11.2	10.2	10.6

TABLE 6

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	5.7	6.7	9.2	7.0	6.4	8.1	9.6	7.6	7.5
MOSUL	9.6	10.3	9.8	9.2	7.7	8.5	7.6	7.3	8.7
KIRKUK	6.7	7.3	8.3	8.3	7.3	6.5	7.2	7.8	7.4
KHANAQIN	....	3.5	6.6	....	5.8	5.1	5.6	....	5.3
RUTBA	7.3	8.0	8.9	7.3	6.0	6.2	6.1	7.3	7.1
HAI	8.0	8.5	13.0	11.3	10.2	11.4	10.8	....	10.5
DIWANIYA	11.3	11.3	12.9	11.7	10.8	11.8	12.6	12.0	11.8
NASIRIYA	12.8	12.4	13.8	14.8	13.8	15.4	17.5	15.6	14.5
BASRA	20.6	19.2	20.3	20.4	20.6	21.6	21.8	21.6	20.8

TABLE 7

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	0.1	0.1	0.0	0.0	0.0
KIRKUK	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0
KHANAQIN	...	0.0	0.0	...	0.1	0.0	0.0	...	0.0
RUTBA	0.0	0.0	0.0	0.0	0.4	0.4	0.5	0.1	0.2
HAI	0.0	0.0	0.0	0.5	0.0	0.0	0.0	...	0.1
DIWANIYA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NASIRIYA	0.0	0.1	0.8	1.8	0.5	0.3	0.0	0.0	0.4
BASRA	0.0	0.0	0.0	0.5	0.8	1.0	0.0	0.0	0.3
HABBANIYA	0.0	0.0	0.0	0.3	0.3	0.3	0.0	0.0	0.1

TABLE 8.

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	0.0	0.3	0.2	0.2	0.1	0.1	0.1	0.0	0.1
MOSUL	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.3
KIRKUK	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0
KHANAQIN	...	0.0	0.0	...	0.1	0.3	0.1	...	0.1
RUTBA	0.3	0.1	0.1	0.2	0.5	0.6	0.5	0.1	0.3
HAI	0.0	0.6	0.3	0.8	0.2	0.2	0.0	...	0.3
DIWANIYA	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.1
NASIRIYA	0.2	0.8	1.2	2.1	0.7	0.4	0.0	0.2	0.7
BASRA	0.3	1.5	0.9	1.3	1.2	1.5	0.4	0.3	0.9
HABBANIYA	0.0	0.5	0.4	0.5	0.5	0.5	0.2	0.0	0.3

TABLE 9. JULY 1956.

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

DATE	BAGHDAD	MOSUL	KIRKUK	RUTBA	HAI	DIWANIYA	NASIRIYA	BASRA	HABBANIYA	KHANAQIN
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 10.

NUMBER OF CASES OF :-

STATION	RAIN	SNOW	HAIL	THUNDERSTORM	FOG	DUSTY	CLEAR	CLOUDY
BAGHDAD	0	0	0	0	0	3	31	0
MOSUL	0	0	0	0	0	0	31	0
KIRKUK	0	0	0	0	0	0	31	0
KHNAQIN	0	0	0	0	0	0	30	0
RUTBA	0	0	0	0	0	1	29	0
HAI	0	0	0	0	0	0	30	0
DIWANIYA	0	0	0	0	0	0	31	0
NASIRIYA	0	0	0	0	0	8	26	0
BASRA	0	0	0	0	0	3	22	0
HABBANIYA	0	0	0	0	0	1	29	0

TABLE 11. JULY 1956

MONTHLY TOTAL RAINFALL AT SELECTED STATIONS.

STATION	LAT(N)	LONG(E)	HEIGHT ABOVE M.S.L. IN METERS	TOTAL RAINFALL IN MILLIMETERS
ZAKHO	37.08	42.41	442	0.0
AMADIA	37.05	43.30	1236	0.0
RAWANDUZ	36.37	44.33	1006	0.0
TEL AFAINAT	36.41	42.24	346	0.0
SINJAR	36.19	41.50	576	0.0
TELAFFAR	36.22	42.28	373	0.0
ARBIL	36.11	44.00	414	0.0
HAWIJAH	35.31	44.18	305	0.0
SULAIMANIYA	35.33	45.27	853	0.0
PENJWIN	35.37	45.58	1311	0.0
BAKRAJO	35.34	45.23	750	0.0
HALABJAH	35.11	45.59	724	0.0
IFTIKHAR	35.03	44.27	204	0.0
CHUARTA	35.44	45.33	1356	0.0
SALAHDDIN	36.37	44.13	1088	0.0
RAYAT	36.41	44.57	2610	0.0
DUHOK	36.52	43.02	860	0.0
SANAT	36.46	42.48	-	0.0
MIRZA RUSTAM	36.03	44.56	459	0.0
SHAQLAWA	36.23	44.20	-	0.0
SARSANK	36.58	43.32	1046	0.0
BINKIRD	36.03	45.03	708	0.0
TUZ	34.53	44.39	220	0.0
ANA	34.28	41.27	-	0.0
AL MANSOOR	34.05	45.01	68	0.0
JALAWLA	34.16	45.09	119	0.0
HIT	33.38	42.50	58	0.0
MANDILY	33.45	45.33	137	0.0
HINDIYA	32.42	44.17	24	0.0
HILLA	32.29	44.26	27	0.0
KUT	32.30	45.45	19	0.0
NUKHAIB	33.02	42.15	305	0.0
AMARA	31.51	47.10	9	0.0
SHABICHA	30.42	43.41	-	0.0
SAMAWA	31.18	45.16	6	0.0
BADIA	31.26	46.10	9	0.0
GHABISHIYA	30.44	47.05	4	0.0
MAQIL	30.34	47.47	2	0.0
FAO	29.59	48.30	2	0.0
SHAIBA	30.25	47.39	18	0.0

SURFACE WIND - NUMBER OF OBSERVATIONS.

BAGHDAD

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	7	0	0	0	0	0	1	23	0	7
0300	2	3	0	0	0	0	2	24	0	7
0600	8	0	0	0	0	0	1	22	0	10
0900	11	0	0	0	0	0	3	17	0	12
1200	8	2	0	0	0	0	7	14	0	11
1500	8	0	0	0	0	1	8	13	1	9
1800	1	0	0	0	1	0	8	16	5	4
2100	1	1	0	0	0	0	7	19	3	5
TOTAL	46	6	0	0	1	1	37	148	9	8

MOSUL

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	14	2	3	0	0	0	2	6	4	6
0300	15	3	1	0	0	0	2	10	0	6
0600	15	1	0	0	0	0	4	11	0	8
0900	9	6	2	1	0	2	6	5	0	8
1200	0	1	3	0	7	1	13	6	0	9
1500	2	4	1	1	1	4	14	4	0	8
1800	3	2	2	0	1	5	16	0	2	8
2100	7	3	0	1	0	1	10	7	2	9
TOTAL	65	22	12	3	9	13	67	49	8	8

KIRKUK

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	13	13	1	1	0	0	0	0	3	5
0300	10	10	2	1	1	0	2	1	4	4
0600	3	5	2	4	5	3	1	6	2	6
0900	5	1	2	2	2	4	7	8	0	9
1200	6	0	0	0	5	5	8	6	1	9
1500	3	0	1	1	3	2	7	4	0	7
1800	9	1	0	0	2	2	5	4	8	4
2100	17	7	0	1	0	1	0	5	0	4
TOTAL	66	37	8	10	18	17	30	34	18	6

KHANAQIN

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	-	-	-	-	-	-	-	-	-	-
0300	0	0	10	0	0	0	2	0	19	1
0600	4	0	6	0	0	0	6	1	14	2
0900	-	-	-	-	-	-	-	-	-	-
1200	1	0	1	0	1	0	19	9	0	6
1500	3	0	1	0	0	2	18	3	4	6
1800	3	0	2	0	2	1	10	0	13	2
2100	-	-	-	-	-	-	-	-	-	-
TOTAL	11	0	20	0	3	3	55	13	50	3

SURFACE WIND - NUMBER OF OBSERVATIONS.

R U T B A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	3	0	0	0	0	3	13	9	3	6
0300	3	0	0	0	0	3	16	5	4	5
0600	4	0	0	0	0	0	8	19	0	9
0900	4	0	5	0	0	0	7	13	2	9
1200	4	1	1	1	2	2	9	11	0	9
1500	3	0	2	0	0	0	13	12	1	9
1800	2	1	0	0	0	0	10	16	2	5
2100	0	0	1	0	0	1	11	13	5	5
TOTAL	23	2	9	1	2	9	87	98	17	7

H A I

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	0	0	0	0	0	0	29	0	2	8
0300	1	0	1	0	0	0	25	1	3	6
0600	1	1	3	0	0	0	22	0	4	7
0900	1	0	0	2	0	0	24	2	2	10
1200	0	0	0	0	2	0	26	0	3	11
1500	0	0	0	0	0	0	28	0	3	7
1800	0	0	0	0	0	0	27	0	4	7
2100	-	-	-	-	-	-	-	-	-	-
TOTAL	3	1	4	2	2	0	181	3	21	8

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	0	18	2	5	8
0300	8	0	0	0	0	0	19	1	3	8
0600	14	0	0	0	0	0	13	4	0	11
0900	11	0	0	0	0	0	19	0	1	12
1200	9	0	0	0	0	0	20	2	0	15
1500	6	0	0	0	0	0	21	4	0	9
1800	5	0	0	0	0	0	18	4	4	5
2100	6	0	0	0	0	0	20	3	2	6
TOTAL	65	0	0	0	0	0	148	20	15	9

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	4	1	19	4	0	8
0300	1	0	0	0	1	1	22	6	0	8
0600	3	0	0	0	0	0	6	22	0	10
0900	4	0	1	0	0	0	4	22	0	12
1200	6	0	1	0	0	0	12	12	0	12
1500	4	0	2	0	0	0	19	6	0	10
1800	2	1	1	1	0	0	15	11	0	8
2100	2	0	0	0	3	1	16	8	1	8
TOTAL	25	1	5	1	8	3	113	91	1	9

TABLE 12-CONTINUED. JULY 1956.

SURFACE WIND - NUMBER OF OBSERVATIONS

B A S R A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	2	0	0	2	5	0	12	7	3	5
0300	0	0	1	0	2	3	12	8	5	4
0600	0	0	1	2	0	0	12	12	4	6
0900	1	0	1	1	1	1	12	12	2	6
1200	2	0	0	1	0	1	6	20	1	7
1500	4	0	0	0	1	0	8	15	3	5
1800	2	0	0	4	2	0	15	6	2	7
2100	0	0	0	3	6	0	6	16	0	6
TOTAL	11	0	3	13	17	5	83	96	20	6

H A B B A N I Y A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	2	0	0	0	0	0	6	20	3	7
0300	1	0	0	0	0	0	3	24	3	9
0600	2	0	0	0	0	0	3	26	0	13
0900	3	1	0	0	0	0	6	21	0	14
1200	4	1	0	0	1	1	9	15	0	12
1500	1	0	0	0	1	0	10	17	2	10
1800	0	0	1	0	0	0	11	14	5	6
2100	2	0	0	0	0	0	10	15	4	7
TOTAL	15	2	1	0	2	1	58	152	17	10

TABLE 13.

NUMBER OF CASES WITH SELECTED WIND - FORCE (ALL OBSERVATIONS).

WIND FORCE	BAGH-DAD	MOSUL	KIR-KUK	KHANA-QIN	RUTBA	HAI	DIWA-NIYA	NASI-RIYA	BASRA	HABBA-NIYA
1-10	175	179	201	104	180	133	145	151	195	129
11-21	63	56	29	1	46	61	85	96	33	96
22-33	1	5	0	0	5	2	3	0	0	6
≥ 34	0	0	0	0	0	0	0	0	0	0

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

2- C - MEANS CALM.

V.K. MEANS WIND VELOCITY IN KNOTS.

TABLE 14.

BAGHDAD AIRPORT

Month July

Year 1956.

Frequency Of Horizontal Visibility

T I M E - G.M.T.

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	TOTAL
0 -200M																									
>200 -500M				1/1	1/1				1/1	1/1	1/1														5
>500 -1000M						1/1		2/2	1/1	1/1		1/1	1/1	1/1	1/1										9
>1000 -1500M							1/1		1/1	1/1	2/2		1/1												6
>1500 -3000M			1/1	2/2	1/1	1/1	2/2	2/2						1/1	1/1	1/1		1	1						15
>3 -5KM			2/2		1	1/1	2/2	1/1	1/1	1/1	3/3	1/1	1/1		1/1		1/4	2/7	2	2	1				31
>5 -10KM			1/1	1/2	3/7	4/6	4/4	2/2	4/4	6/7	3/3	4/4	2/2	2/2	1	4/5	3/16	2/17	2/8	3	1	1	2	1	99
>10 -15KM	9	10	7	7	6	9	4	5	3	4	7	6	4	4	5	10	8	4	13	13	11	9	10	9	177
>15KM	22	21	20	19	15	13	18	19	20	16	15	19	22	23	22	15	3	2	7	13	18	20	19	21	402
TOTAL	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	744

Note

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

Frequency Of Different Heights
Of Cloud-Base (Amount 5-8 Oktas)

T I M E - G.M.T.

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

TABLE 14-CONTINUED.

BASRAH AIRPORT

Month July

Year 1956.

Frequency Of Horizontal Visibility

T I M E - G.M.T.

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	TOTAL
0 -200M																									
>200 -500M													1/1	1/1											2
>500 -1000M									2/2	2/2	1/1	1/1	1/1	1/1	1/1	1/1	1/1								11
>1000 -1500M								1/1			1/1	2/2					1/1								5
>1500 -3000M					1/1	2/2	2/2	3/3	1/1	1/1	3/3	4/4	3/3	2/2	5/5	3/3	3/3	2/2	2/2	2/2	1/1				40
>3 -5KM			1/1	1/1	1/1		1/1	1/1	2/2	1/1			2/2	2/2	1/1	5/5	2/2	3/3	3/3	2/2	2/2	2/2			32
>5 -10KM	1/1	1/1	1	3	1	1	1			2/2	5/5	3/3	5/5	6/6	6/5	4/4	7/7	3/4	1	1/2	3/3	3/3	4/4	3/3	66
>10 -15KM	4	4	5	3	4	4	6	5	6	6	7	6	3	3	4	5	3	6	6	4	3	5	4	5	111
>15KM	26	26	24	24	24	24	21	21	20	19	14	15	16	16	15	13	14	16	19	21	22	21	23	23	477
TOTAL	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	744

NOTE

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

Frequency Of Different Heights
Of Cloud-Base (Amount 5-8 Oktas)

T I M E - G.M.T.

Height	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	TOTAL
0 -50M									2	2	2	2	3	4	4	3	1								23
>50 -150M																									
>150 -300M																									
>300 -500M																									
>500 -900M																									
>900M	1	2	3	6	3	2	2	2	2	1	1	1	1	1	1	1	2	1				1	1	1	37

TABLE 15.

MONTH JULY
Year 1956.

BAGHDAD AIRPORT.

Simultaneous Occurrences Of Specified Visibility Ranges and Specified Lowest Cloud Base (≤ 5 Oktas)

HEIGHT METERS	VISIBILITY 0-200M			>200-500M			> 0.5-1KM			> 1-1.5KM			>1.5-3KM			> 3-5KM			> 5-10KM			> 10-15KM			> 15KM			TOTAL		
0-50																														
>50-150																														
>150-300																														
>300-500																														
>500-900																														
< 5/8 OR*					1							1		2	2			2		2	4	9	7	4	22	19	18	31	31	31
> 900				1			1	1		1	1				1	1	1		8	2	5	3	4	10	16	22	15	31	31	31
AND ≥ 5/8						2			2			3	1	1	7	1		5	9	1	31	12	10	59	8	19	139	31	31	248
					1							1		2	2			2		2	4	9	7	4	22	19	18	31	31	31
TOTAL				1			1	1		1	1				1	1	1		8	2	5	3	4	10	16	22	15	31	31	31
						2			2			3	1	1	7	1		5	9	1	31	12	10	59	8	19	139	31	31	248

NOTE

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

00	03	06
09	12	15
18	21	To

G.M.T.

To=Total for all hours

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

TABLE 15. CONTINUED.

BASRAH AIRPORT

MONTH JULY

YEAR 1956.

Simultaneous Occurrences Of Specified Visibility Ranges and Specified Lowest Cloud Base (≥5 Oktas)

HEIGHT METERS	VISIBILITY 0-200M			>200-500M			> 0.5-1KM			> 1-1.5KM			> 1.5-3KM			> 3-5KM			>5-10KM			>10-15KM			> 15KM			TOTAL		
0-50					1		2		1					1	1			1			1							2	2	4
						1			3						2			1			1									8
>50-150																														
>150-300																														
>300-500																														
>500-900																														
< 5/8 OR *														1	2			1	1	3	1	4	3	6	26	24	21	31	31	31
> 900								1					1	2	2	1	2	4	2	5	3	5	3	5	20	16	13	29	29	27
AND ≥ 5/8									1				2		10	3	2	13	1	3	19	6	5	37	19	21	160	31	31	248
														1	2			1	1	3	1	4	3	6	26	24	21	31	31	31
TOTAL					1		2	1	1				1	3	3	1	2	5	2	5	4	5	3	5	20	16	13	31	31	31
						1			4				2		12	3	2	14	1	3	20	6	5	37	19	21	160	31	31	248

Note

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

00	03	06
09	12	15
18	21	To

G.M.T.

To=Total for all hours

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

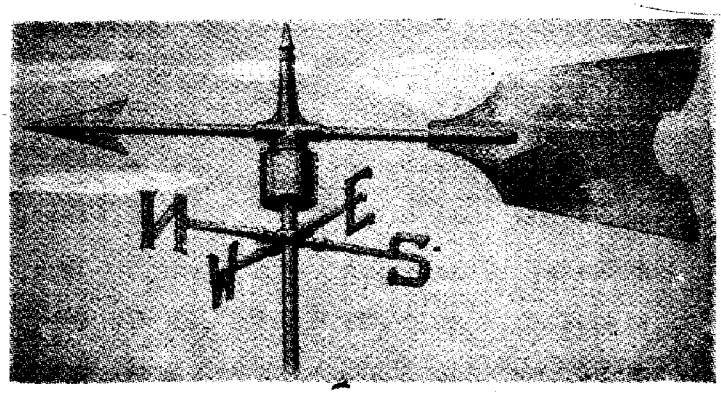
الحكومة العراقية

وزارة المواصلات والاشغال

مديرية الطيران المدني العامة

مديرية الانواء الجوية

التقرير الجوي الشهري
للعراق
بغداد



GOVERNMENT OF IRAQ
MINISTRY OF COMMUNICATIONS AND WORKS
DIRECTORATE GENERAL OF CIVIL AVIATION
METEOROLOGICAL DEPARTMENT

Iraq Met. Service

MONTHLY WEATHER REPORT Aug. 1956 FOR IRAQ

BAGHDAD.

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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.

PREPARED AND PUBLISHED

BY THE IRAQI METEOROLOGICAL DEPARTMENT

CLIMATOLOGICAL SECTION.

TABLE 1. (1) AUGUST 1956.

DAILY MAXIMUM AND MINIMUM TEMPERATURES

	BAGHDAD		MOSUL		KIRKUK		BASRA		HABBANIYA	
DATE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	47.2	27.2	45.9	28.1	45.9	32.9	42.3	26.8	45.6	28.3
2	47.7	29.2	48.1	24.4	46.9	31.1	46.7	28.4	43.9	28.3
3	49.1	29.0	47.3	21.2	45.8	28.9	42.8	29.2	42.8	27.8
4	46.3	31.4	42.6	22.1	42.6	28.4	42.7	30.7	42.8	27.2
5	45.3	26.4	43.7	19.2	43.3	25.7	40.2	29.7	43.3	25.5
6	48.0	27.7	48.6	18.6	47.4	29.0	47.1	29.6	46.6	26.1
7	47.6	29.7	45.7	23.7	43.6	33.5	44.8	28.6	46.1	26.6
8	46.8	29.2	44.2	25.0	42.1	32.5	46.6	29.2	45.6	26.6
9	45.4	28.8	44.1	28.1	42.6	31.0	42.5	28.2	45.0	26.1
10	47.2	24.4	46.0	22.8	43.1	28.9	43.9	27.5	45.6	27.2
11	46.6	26.2	43.7	20.4	42.3	25.7	42.7	28.0	43.9	27.2
12	44.8	28.8	42.4	17.3	42.1	24.1	41.9	28.0	43.3	23.9
13	45.6	21.6	44.4	15.1	43.9	23.9	42.2	27.2	44.4	25.5
14	42.4	26.7	44.4	18.8	43.5	27.4	39.7	26.7	39.4	28.3
15	37.5	26.1	44.7	20.4	41.5	27.2	39.7	26.1	38.9	30.5
16	40.6	29.5	43.7	25.1	41.4	29.9	40.0	27.8	40.0	28.3
17	41.9	28.0	42.4	25.2	40.2	30.1	41.3	26.7	40.5	28.9
18	43.6	25.0	44.0	23.5	41.1	25.7	39.9	27.8	41.1	25.0
19	43.6	22.8	42.9	21.3	40.7	25.3	40.2	25.4	40.5	23.3
20	43.7	23.8	43.4	20.0	41.2	26.3	39.6	24.2	41.6	23.3
21	45.3	21.9	45.1	21.0	43.0	25.9	39.8	26.4	43.9	23.3
22	45.9	26.7	45.2	20.1	43.1	26.3	40.0	24.6	45.0	26.6
23	43.4	21.4	43.3	18.9	42.3	27.3	43.3	25.8	42.2	23.3
24	44.3	23.6	40.9	17.6	41.2	24.9	41.8	25.9	40.5	24.4
25	40.8	28.0	40.7	19.5	39.9	26.0	41.8	26.0	41.1	25.0
26	44.5	24.0	41.8	18.8	41.4	25.0	41.8	27.0	42.2	24.4
27	42.3	21.9	42.3	17.1	40.8	23.7	39.7	27.2	40.5	23.3
28	44.0	23.0	41.3	21.7	41.3	28.9	39.9	24.0	42.2	23.9
29	44.1	22.6	43.3	21.6	43.5	27.2	41.4	25.0	43.3	24.4
30	45.3	24.4	45.0	20.3	43.8	28.8	42.4	25.9	43.9	25.0
31	45.8	24.2	45.8	18.7	43.7	29.3	44.2	26.1	44.4	23.3
MEANS	44.7	25.9	44.1	21.2	42.8	27.8	42.0	27.1	43.0	25.8
NORMAL	43.3	24.5	43.3	21.0	42.2	26.1	41.2	26.2	43.9	24.7
PEROID OF NORMAL	1937-1956		1923-1956		1938-1956		1937-1956		1937-1956	

MONTHLY MEAN TEMPERATURES

STATION	GRASS MIN.	EARTH 1 FT.	EARTH 4 FT.	MONTHLY TOTAL SUNSHINE HOURS
BAGHDAD	21.2	31.1	27.8	329.6
MOSUL	16.9	35.6	32.1	348.9
KIRKUK	....	32.3	31.1	.....
BASRA	....	....	....	334.7
HABBANIYA	23.1	34.5	31.0	342.2

TABLE 1-CONTINUED. AUGUST 1956.

DAILY MAXIMUM AND MINIMUM TEMPERATURES

	KHANAQIN		RUTBA		HAI		DIWANIYA		NASIRIYA	
DATE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	46.9	30.0	41.7	23.8	46.2	25.7	45.0	24.0	46.7	24;2
2	46.4	31.7	42.0	23.6	46.0	26.3	46.0	26.6	46.5	27.2
3	46.1	30.8	39.0	23.0	46.6	30.0	45.5	28.4	47.5	30.0
4	43.6	26.4	38.8	21.0	46.5	30.9	44.8	26.8	49.0	29.2
5	44.1	23.9	41.0	23.0	44.6	29.0	41.8	25.6	43.0	27.0
6	46.9	28.3	43.0	23.7	47.2	27.8	46.0	27.5	48.6	26.2
7	43.9	32.2	43.6	25.0	44.5	24.8	45.8	28.5	44.8	27.5
8	42.8	32.8	41.3	24.0	44.0	25.6	45.5	20.5	44.8	27.2
9	43.9	32.2	41.3	23.7	44.8	25.5	45.2	26.8	45.5	25.5
10	43.6	25.6	41.5	26.9	45.2	25.0	44.0	26.3	46.9	24.5
11	44.9	28.6	41.2	26.3	44.2	26.6	44.0	29.4	47.2	27.3
12	41.9	23.3	41.8	24.0	44.0	26.7	44.0	26.6	46.6	27.4
13	43.9	23.5	41.2	23.5	46.0	24.2	43.8	23.0	47.0	23.9
14	43.3	24.7	37.7	22.6	41.7	28.8	39.4	26.4	42.0	25.6
15	41.4	27.2	37.5	23.9	41.6	25.1	40.0	24.6	43.0	25.0
16	40.8	30.8	38.4	22.0	40.2	28.2	39.0	23.8	42.0	29.7
17	40.6	28.9	37.8	22.0	43.0	24.2	39.5	22.3	41.5	24.5
18	40.6	26.7	37.4	21.3	41.8	28.0	41.6	24.8	43.2	28.3
19	40.3	24.4	37.2	21.4	42.0	22.9	42.0	23.0	43.1	24.6
20	41.7	24.4	39.5	23.4	42.0	23.2	42.7	20.5	43.6	22.2
21	42.8	24.4	41.0	22.0	43.4	23.4	43.5	23.5	44.4	23.6
22	42.5	26.1	38.5	22.2	45.1	25.0	45.0	24.0	46.7	22.6
23	42.8	27.5	37.6	21.6	45.0	25.9	41.5	24.0	45.6	25.3
24	42.5	23.9	38.0	20.0	45.0	26.1	42.5	25.0	45.8	24.6
25	40.8	22.2	40.7	19.9	43.0	26.4	43.0	25.4	45.1	25.7
26	41.7	23.6	37.7	23.0	43.5	25.9	42.4	24.5	45.4	26.5
27	40.8	23.3	37.7	19.8	40.2	26.4	39.4	22.8	41.8	25.3
28	44.7	24.4	38.6	20.0	43.5	21.7	42.6	23.6	44.7	23.2
29	44.1	24.1	40.3	20.0	44.3	23.6	42.8	23.5	44.0	23.5
30	44.1	25.6	41.5	21.7	44.0	22.2	42.6	23.6	46.1	23.6
31	44.4	27.2	42.0	25.0	44.0	24.3	44.5	25.5	44.6	25.0
MEANS	42.1	26.7	40.0	22.7	44.0	25.8	43.1	24.9	45.1	25.7
NORMAL	43.4	25.0	38.8	21.1	45.4	26.1	43.0	22.7	44.1	24.5
PERIOD OF NORMAL	1939-1956		1928-1956		1940-1956		1939-1956		1940-1956	

NOTE: TEMPERATURES ARE IN CENTIGRADE.

TABLE 2 AUGUST 1956.

MONTHLY MEAN TEMPERATURES (IN CENTIGRADE) FOR EACH 3 HOURS.

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	28.8	27.0	34.3	41.3	44.2	41.8	34.4	31.4	35.4
MOSUL	24.6	22.2	33.5	41.5	43.1	40.0	32.1	27.3	33.0
KIRKUK	29.5	29.0	36.3	40.8	42.0	40.0	33.7	31.0	35.3
KHANAQIN	....	27.5	27.3	....	42.4	39.6	33.8	....	36.1
RUTBA	24.9	23.2	32.0	36.9	39.2	35.1	31.8	24.8	31.4
HAI	28.9	26.8	35.2	42.1	43.4	39.9	33.9	....	35.7
DIWANIYA	27.6	25.8	34.0	40.8	42.4	38.8	32.6	29.6	36.5
NASIRIYA	28.0	26.5	35.3	42.5	44.3	39.9	33.2	30.4	35.0
BASRA	28.9	27.7	34.3	39.3	41.0	37.4	33.2	30.7	34.1
HABBANIYA	28.1	26.3	32.8	40.1	42.8	40.8	33.8	30.2	34.4

TABLE 3

MONTHLY MEAN PRESSURE (IN MILLIBARS AT M.S.L.) FOR EACH 3 HOURS

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	99.9	00.6	01.8	01.4	00.0	99.3	00.3	00.6	00.5
MOSUL	02.2	03.0	02.8	01.6	00.1	99.5	01.3	02.2	01.6
KIRKUK	00.1	00.6	00.4	99.5	98.2	97.9	99.9	00.4	99.6
KHANAQIN	....	00.2	99.1	....	97.4	97.8	99.6	....	98.8
RUTBA	03.3	04.2	04.6	03.9	02.8	02.6	03.4	03.6	03.6
HAI	99.0	99.7	00.4	99.9	98.7	98.6	99.6	....	99.4
DIWANIYA	98.9	99.7	00.6	00.5	99.1	99.0	99.6	99.6	99.7
NASIRIYA	99.3	99.9	01.0	00.3	99.0	98.8	99.8	99.8	99.7
BASRA	98.4	99.3	00.3	99.9	98.5	98.1	99.1	99.1	99.1
HABBANIYA	00.2	01.1	02.0	01.6	00.2	99.5	00.5	00.7	00.7

TABLE 4

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	34	35	27	19	15	19	29	30	26
MOSUL	51	58	31	22	19	24	35	44	35
KIRKUK	25	26	18	13	12	12	20	24	19
KHANAQIN	..	21	16	..	11	13	18	..	16
RUTBA	32	41	27	16	13	16	20	25	24
HAI	32	36	29	17	15	21	28	..	25
DIWANIYA	37	41	33	21	19	23	33	36	31
NASIRIYA	45	47	33	22	19	28	40	45	35
BASRA	59	62	45	35	32	41	54	58	48
HABBANIYA	36	38	32	21	17	19	30	35	29

TABLE 5

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	12.8	12.2	14.5	14.4	12.7	14.6	15.2	13.0	13.7
MOSUL	15.6	15.0	15.8	17.2	16.3	17.6	16.4	15.8	16.2
KIRKUK	10.4	10.3	10.6	10.0	10.0	8.8	10.3	10.4	10.1
KHANAQIN	....	7.9	9.7	....	9.6	9.4	9.2	....	9.1
RUTBA	9.9	10.6	10.8	9.9	9.4	9.4	9.6	9.6	9.9
HAI	12.5	12.6	16.6	13.9	13.4	15.5	14.2	....	14.1
DIWANIYA	13.7	13.4	17.5	16.2	16.0	15.7	15.9	14.7	15.4
NASIRIYA	17.0	16.3	18.6	18.4	16.9	20.7	20.3	19.4	18.5
BASRA	23.4	22.9	24.3	24.8	24.5	26.0	27.5	25.7	24.8
HABBANIYA	12.9	13.1	15.4	15.1	14.1	14.9	15.6	14.8	14.5

TABLE 6

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	9.7	9.2	12.2	11.9	9.9	12.1	12.7	10.5	11.0
MOSUL	13.3	12.9	13.6	14.9	13.9	15.1	14.0	13.6	13.9
KIRKUK	7.4	7.0	7.3	6.3	6.5	4.7	7.0	7.2	6.7
KHANAQIN	....	3.7	6.2	....	6.3	6.2	6.2	....	5.7
RUTBA	6.2	7.4	8.1	6.1	5.7	5.5	5.8	6.0	6.4
HAI	9.9	10.1	14.1	11.3	10.9	13.0	11.9	....	11.6
DIWANIYA	11.1	10.8	15.0	13.9	13.2	13.2	13.6	12.4	12.9
NASIRIYA	14.6	13.8	15.9	15.9	14.6	17.8	17.6	16.8	15.9
BASRA	19.6	19.1	20.2	20.5	20.3	21.2	22.4	21.0	20.5

TABLE 7

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	0.3	0.5	0.5	0.5	0.5	0.3	0.4	0.3	0.4
MOSUL	0.1	0.4	0.3	0.5	1.0	0.7	0.2	0.2	0.4
KIRKUK	0.5	0.6	0.7	0.5	1.1	0.8	0.6	0.6	0.7
KHANAQIN	...	0.6	0.3	...	0.3	0.3	0.1	...	0.3
RUTBA	0.0	0.2	0.1	0.0	0.4	0.5	0.4	0.1	0.2
HAI	0.5	0.4	0.6	0.8	0.8	1.0	0.8	...	0.7
DIWANIYA	0.0	0.0	0.0	0.5	0.0	0.3	0.0	0.0	0.1
NASIRIYA	0.0	0.4	0.3	0.3	0.3	0.0	0.0	0.0	0.2
BASRA	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
HABBANIYA	0.3	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3

TABLE 8

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	0.3	0.6	0.7	0.6	0.6	0.4	0.5	0.4	0.5
MOSUL	0.2	0.5	0.6	1.0	1.5	1.1	0.3	0.3	0.7
KIRKUK	0.5	0.7	0.7	0.5	1.4	0.9	0.6	0.6	0.7
KHANAQIN	...	0.6	0.3	...	0.5	0.5	0.3	...	0.4
RUTBA	0.0	0.5	0.4	0.3	0.6	0.7	0.5	0.1	0.4
HAI	0.6	0.8	0.9	1.0	1.0	1.3	0.8	...	0.9
DIWANIYA	0.0	0.3	0.2	0.7	0.2	0.3	0.0	0.0	0.2
NASIRIYA	0.4	0.6	0.4	0.3	0.3	0.1	0.1	0.1	0.3
BASRA	0.1	0.3	0.2	0.2	0.3	0.3	0.3	0.0	0.2
HABBANIYA	0.3	0.3	0.4	0.4	0.6	0.6	0.5	0.3	0.4

TABLE 9 AUGUST 1956.

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

DATE	BAGHDAD	MOSUL	KIRKUK	RUTBA	HAI	DIWANIYA	NASIRIYA	BASRA	HABBANIYA	KHANAQIN
1										
2										
3										
4										
5										
6										
7										
8										
9										
10			0.2						tr.	
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25		tr.		tr.						
26										
27										
28										
29										
30										
31										
TOTAL	0.0	tr.	0.2	tr.	0.0	0.0	0.0	0.0	tr.	0.0

TABLE 10 NUMBER OF CASES OF :-

STATION	RAIN	SNOW	HAIL	THUNDERSTORM	FOG	DUST	CLEAR	CLOUDY
BAGHDAD	0	0	0	0	0	3	29	0
MOSUL	0	0	0	0	0	0	26	0
KIRKUK	1	0	0	0	0	4	29	0
KHANAQIN	0	0	0	0	0	4	25	0
RUTBA	0	0	0	0	0	0	29	0
HAI	0	0	0	0	0	3	25	0
DIWANIYA	0	0	0	0	0	1	29	0
NASIRIYA	0	0	0	0	0	4	29	0
BASRA	0	0	0	0	0	1	30	0
HABBANIYA	0	0	0	1	0	3	30	1

TABLE 11 AUGUST 1956

MONTHLY TOTAL RAINFALL AT SELECTED STATIONS.

TATION	LAT(N)	LONG(E)	HEIGHT ABOVE M.S.L. IN METERS	TOTAL RAINFALL IN MILLIMETERS
AKHO	37.08	42.41	442	0.0
MADIA	37.05	43.30	1236	0.0
AWANDUZ	36.37	44.33	1006	0.0
EL AWAINAT	36.41	42.24	346	0.0
INJAR	36.19	41.50	576	0.0
ELAFAR	36.22	42.28	373	0.0
ENIL	36.11	44.00	414	0.0
AWIJAH	35.31	44.18	305	0.0
ULAIMANIYA	35.33	45.27	853	0.0
ENJWIN	35.37	45.58	1311	0.0
AKRAJOH	35.34	45.23	750	0.0
ALABJAH	35.11	45.59	724	0.0
FTIKHAR	35.03	44.27	204	0.0
HUARTA	35.44	45.33	1356	0.0
ALAHALDDIN	36.37	44.13	1088	0.0
AYAT	36.41	44.57	2610	0.0
UHOK	36.52	43.02	860	0.0
ANAT	36.46	42.48	-	0.0
IRZA RUSTAM	36.03	44.58	459	0.0
HAQLAWA	36.23	44.20	-	0.0
ARSANK	36.58	43.32	1046	0.0
INKIRD	36.03	45.03	708	0.0
UZ	34.53	44.39	220	0.0
NA	34.28	41.27	-	0.0
LMANSOOR	34.05	45.01	68	0.0
ALAWLAA	34.16	45.09	119	0.0
IT	33.38	42.50	58	0.0
ANDILY	33.45	45.33	137	0.0
INDIYA	32.42	44.17	24	0.0
ILLA	32.29	44.26	27	0.0
UT	32.30	45.45	19	0.0
UKHAIB	33.02	42.15	305	0.0
MARA	31.51	47.10	9	0.0
HAIBICHA	30.42	43.41	-	0.0
AMAWA	31.18	45.16	6	0.0
ADA	31.26	46.10	9	0.0
ELBISHIYA	30.44	47.05	4	0.0
AIL	30.34	47.47	2	0.0
O	29.59	48.30	2	0.0

SURFACE WIND - NUMBER OF OBSERVATIONS.

BAGHDAD

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	4	6	0	0	0	0	2	11	8	3
0300	2	6	0	0	0	0	2	15	6	4
0600	4	3	1	0	1	0	4	16	2	5
0900	13	1	1	0	2	1	6	6	1	6
1200	5	2	0	0	5	1	8	10	0	8
1500	4	3	0	1	0	0	4	12	7	4
1800	2	1	1	0	1	0	4	13	9	2
2100	5	1	0	1	0	0	3	12	9	3
TOTAL	39	23	3	2	9	2	33	95	42	4

MOSUL

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	8	5	1	3	0	0	5	3	6	3
0300	7	5	1	0	0	1	4	6	7	3
0600	14	6	5	1	0	1	1	3	0	6
0900	2	14	7	1	1	1	3	2	0	8
1200	4	5	3	4	4	4	4	3	0	9
1500	6	2	2	3	3	2	8	1	4	7
1800	4	5	1	0	3	4	8	2	4	5
2100	7	3	5	0	0	1	7	5	3	4
TOTAL	52	45	25	12	11	14	40	25	24	6

KIRKUK

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	4	20	5	0	0	0	0	0	2	5
0300	4	14	10	0	0	0	0	0	3	5
0600	5	3	6	3	8	0	3	1	2	7
0900	1	0	3	2	8	6	7	3	1	9
1200	2	3	2	2	3	6	9	3	1	10
1500	4	2	2	0	6	5	8	4	0	8
1800	10	4	2	2	1	3	4	2	3	4
2100	10	12	4	2	0	0	0	1	2	5
TOTAL	40	58	34	11	26	20	31	14	14	7

KHANAQIN

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	-	-	-	-	-	-	-	-	-	-
0300	1	1	12	0	0	0	1	0	16	2
0600	2	1	8	1	0	0	1	1	17	3
0900	-	-	-	-	-	-	-	-	-	-
1200	4	0	1	0	3	0	16	7	0	6
1500	5	0	2	0	6	0	6	7	5	5
1800	5	0	4	0	1	0	2	3	16	3
2100	-	-	-	-	-	-	-	-	-	-
TOTAL	17	2	27	1	10	0	26	18	54	4

SURFACE WIND - NUMBER OF OBSERVATIONS.

RUTBA

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	0	1	1	1	2	0	11	8	7	5
0300	0	0	0	0	3	4	11	4	9	4
0600	4	1	0	0	1	3	11	7	4	6
0900	7	1	1	1	2	5	4	7	3	7
1200	7	0	0	1	0	6	12	3	2	9
1500	6	1	0	0	1	2	12	9	0	8
1800	6	2	1	0	2	1	9	6	4	4
2100	1	1	0	0	0	1	15	3	10	6
TOTAL	31	7	3	3	11	22	85	47	39	6

HAI

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	0	0	0	0	2	0	15	3	11	6
0300	0	0	1	1	2	0	18	1	8	4
0600	0	1	5	1	2	0	15	4	3	6
0900	0	0	4	2	2	0	12	7	4	10
1200	0	1	5	1	0	0	15	6	3	9
1500	0	1	0	2	1	0	15	5	7	5
1800	1	0	1	0	1	1	16	3	8	5
2100	-	-	-	-	-	-	-	-	-	-
TOTAL	1	3	16	7	10	1	106	29	44	6

DIWANIYA

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	12	0	0	0	0	1	13	2	3	8
0300	6	1	0	0	0	0	12	10	2	7
0600	13	0	3	0	0	0	10	3	2	8
0900	10	0	2	1	0	0	10	8	0	11
1200	6	0	2	1	1	2	10	6	8	10
1500	8	1	2	0	0	1	10	9	0	7
1800	10	2	0	0	1	1	11	1	5	5
2100	13	0	0	0	0	1	12	2	3	7
TOTAL	78	4	9	2	2	6	88	41	18	8

NASIRIYA

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	5	0	2	1	3	3	10	6	1	8
0300	6	0	2	1	3	4	9	5	1	7
0600	5	2	1	2	1	2	5	13	0	8
0900	7	1	4	0	0	1	1	17	0	10
1200	8	0	4	1	0	0	6	12	0	10
1500	8	0	5	1	0	0	6	11	0	7
1800	5	2	3	1	2	0	8	10	0	7
2100	4	0	1	3	5	0	9	9	0	7
TOTAL	48	5	22	10	14	10	54	83	2	8

SURFACE WIND - NUMBER OF OBSERVATIONS.

BASRA

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	2	1	1	0	3	1	6	12	5	3
0300	3	2	0	3	0	1	11	5	6	3
0600	4	0	1	1	2	1	11	9	2	4
0900	2	0	3	1	0	0	2	21	2	6
1200	2	0	4	0	0	0	3	21	1	7
1500	4	1	0	2	3	0	5	14	2	4
1800	4	0	0	0	3	0	7	14	3	4
2100	2	0	0	3	3	0	3	13	7	3
TOTAL	23	4	9	10	14	3	48	109	28	4

HABBANIYA

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	6	1	0	0	2	0	5	10	7	4
0300	2	0	1	0	0	2	1	22	3	6
0600	1	2	0	0	0	0	7	21	0	9
0900	8	0	0	1	0	3	5	14	0	9
1200	2	0	1	0	1	0	8	18	1	9
1500	4	1	0	0	3	0	4	17	2	7
1800	5	0	1	0	0	2	3	13	7	4
2100	2	0	2	1	2	1	1	12	10	4
TOTAL	30	4	5	2	8	8	34	127	30	7

TABLE 13.

NUMBER OF CASES WITH SELECTED WIND - FORCE (ALL OBSERVATIONS).

WIND FORCE	BAGH-DAD	MOSUL	KIR-KUK	KHANA-QIN	RUTBA	HAI	DIWA-NIYA	NASI-RIYA	BASRA	HABBA-NIYA
1-10	193	195	190	96	167	130	177	195	206	185
11-21	13	28	42	3	36	41	53	51	14	33
22-33	0	1	2	2	6	2	0	0	0	0
≥ 34	0	0	0	0	0	0	0	0	0	0

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

2- C - MEANS CALM
V.K. MEANS WIND VELOCITY IN KNOTS.

TABLE 14.

BAGHDAD AIRPORT

Month August

Year 1956 .

Frequency of Horizontal Visibility

T I M E - G.M.T.

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	TOTAL
0 -200M				1/1	1/1	1/1		1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1							18
200 -500M				1/1	1/1	1/1	1/1														1/1				5
500 -1000M	1	1	2/2	1/1	1/1	1/1	2/2	1/1	1/1	2/2	1/1						1/1	1/1	2/2	2/2		1/1	1/1	1/1	23
1000 -1500M								1/1	1/1			2/2			1/1						1/1				6
1500 -3000M					1/1	1/2					1/1		2/2	2/2	1/1	2/2	1/5	1				1/1	1/1	1/1	20
3 -5KM					1		1/2	1/2	1/1								1/3	1/5	1						15
5 -10KM	1	1	1	1/7	8	1/5	1/5	1/3	1		2/2	2/2	1/1		1	8	17/	14	6	2					85
10 -15KM	7	7	14	12	11	13	7	9	11	7	4	4	3	3	4	9	3	8	14	11	9	8	6	5	189
15	22	22	14	9	7	8	14	14	15	21	22	22	24	25	23	11	1	1	8	16	20	21	23	25	387
TOTAL	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	744

NOTE

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

Frequency of Different Heights of Cloud-Base (Amount 5-8 Oktas)

T I M E - G.M.T.

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

TABLE 14-CONTINUED.

MONTH August

YEAR 1956.

BASRAH AIRPORT

Frequency of Horizontal Visibility

T I M E - G.M.T.

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	TOTAL
0 -200M																									
>200 -500M																									
>500 -1000M										1/1									1/1		1/1				3
>1000 -1500M									1/1	1/1	2/2	1/1	1/1							1/1		1/1			8
>1500 -3000M				3/3	3/3	2/2	3/3	2/2	2/2	2/2	2/2	2/2	2/2	3/3	1/1	1/1	1/1	2/2	3/3	3/3	2/2	1/1	2/2		42
>3 -5KM		1/1	1/1	1/1	2/2	3/3	1/1	2/2	2/2	1/1		1/1	1/1	2/2	4/4	2/2	3/3	2/2	1/1	1/1		1/1			32
>5 -10KM	4/4	1/3	5/6	3/5	2/4	3/3	4/4	1/1	1/2	2/2	4/4	2/2	1/1	2/3	2/2	4/4	6/6	4/5	4/4	1/1	1/1	1/1	1/1	3/3	72
>10 -15KM	2	5	3	6	10	7	3	7	6	6	4	4	4	2	2	2	3	3	3	5	5	4	5	5	106
>15KM	25	22	21	16	12	16	20	19	18	18	19	21	22	21	22	22	18	19	19	20	22	23	23	23	481
TOTAL	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	744

NOTE

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

Frequency of Different Heights of Cloud-Base (Amount 5-8 Oktas)

T I M E - G,M.T.

Height	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	TOTAL
0 -50M															1				1	1	1				4
>50 -150M																									
>150 -300M																									
>300 -500M																									
>500 -900M																									
>900M										1	1	1	1	1	1	1	1	1							9

TABLE 15.

Month August
Year 1956.

BAGHDAD AIRPORT

Simultaneous Occurrences Of Specified Visibility Ranges and Specified Lowest Cloud Base (≥ 5 Oktas)

HEIGHT METERS	VISIBILITY 0-200M			>200-500M			> 0.5-1KM			> 1-1.5KM			> 1.5-3KM			> 3-5KM			> 5-10KM			> 10-15KM			> 15KM			TOTAL		
0-50																														
> 50-150																														
> 150-300																														
> 300-500																														
> 500-900																														
< 5/8 OR *		1			1	1	1	1	2								2	1	7	5	7	11	8	22	10	13	31	31	31
> 900	1	1	1				2						2	2						8	7	4	9	21	24	11	31	31	31
AND ≥ 5/8			4			2	2	1	9				1	5	1		3	7		28	13	8	67	8	21	130	31	31	248
					1	1	1	1	2								2	1	7	5	7	11	8	22	10	13	31	31	31
TOTAL	1	1	1				2						2	2						8	7	4	9	21	24	11	31	31	31
			4			2	2	1	9				1	5	1		3	7		28	13	8	67	8	21	130	31	31	248

Note

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

00	03	06
09	12	15
18	21	To

G.M.T.

To=Total for all hours

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

TABLE 15-CONTINUED.

BASRAH AIRPORT

Month August
Year 1956.

Simultaneous Occurrences Of Specified Visibility Ranges and Specified Lowest Cloud Base (≤ 5 Oktas)

HEIGHT METERS	VISIBILITY 0-200M			>200-500M			> 0.5-1KM			> 1-1.5KM			> 1.5-3KM			> 3-5KM			> 5-10KM			> 10-15KM			> 15KM			TOTAL		
0-50																														
													1		1													1		1
>50-150																														
>150-300																														
>300-500																														
>500-900																														
<5/8 OR *														3	3		1	1	4	5	4	2	6	3	25	16	20	31	31	31
>900							1			1	1		2	2	1	1	1	2	2	1	4	6	4	2	18	22	22	31	31	31
AND ≥ 5/8							1		2		1	3	2	1	14	1	1	8	4	1	25	3	4	30	19	23	165	30	31	247
														3	3		1	1	4	5	4	2	6	3	25	16	20	31	31	31
TOTAL							1			1	1		2	2	1	1	1	2	2	1	4	6	4	2	18	22	22	31	31	31
							1		2		1	3	3	1	15	1	1	8	4	1	25	3	4	30	19	23	165	31	31	248

Note

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

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

To=Total for all hours

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

الحكومة العراقية

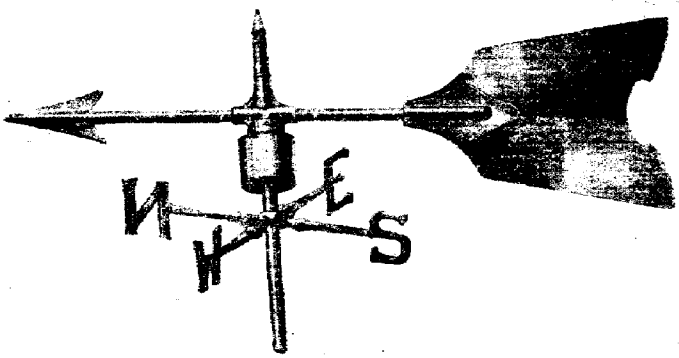
وزارة المواصلات والاشغال

مديرية الطيران المدني العامة

مديرية الانواء الجوية

التقرير الجوي الشهري
للعراق
بغداد

MAR 15 '57



GOVERNMENT OF IRAQ
MINISTRY OF COMMUNICATIONS AND WORKS
DIRECTORATE GENERAL OF CIVIL AVIATION
METEOROLOGICAL DEPARTMENT

Iraq. Met. Service

MONTHLY WEATHER REPORT Sept. 1956 FOR IRAQ

BAGHDAD.

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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.

PREPARED AND PUBLISHED

BY THE IRAQI METEOROLOGICAL DEPARTMENT

CLIMATOLOGICAL SECTION.

TABLE 1. (1) SEPTEMBER 1956.

DAILY MAXIMUM AND MINIMUM TEMPERATURES

DATE	BAGHDAD MAX.	BAGHDAD MIN.	MOSUL MAX.	MOSUL MIN.	KIRKUK MAX.	KIRKUK MIN.	BASRA MAX.	BASRA MIN.	HABBANIYA MAX.	HABBANIYA MIN.
1	46.1	25.0	45.6	24.2	44.3	28.3	42.3	26.4	44.4	25.0
2	45.6	25.2	43.0	18.8	41.7	26.4	42.3	26.9	42.8	26.1
3	43.9	24.7	40.8	24.7	40.4	29.2	45.6	30.9	41.1	23.9
4	43.2	24.9	41.7	18.6	41.4	26.7	41.4	26.7	41.1	22.8
5	44.1	25.8	40.7	21.8	39.9	29.2	43.6	26.1	43.3	25.0
6	40.8	26.7	41.4	22.1	41.4	30.0	40.0	29.2	40.8	25.5
7	44.0	23.5	42.0	16.8	41.1	24.9	37.8	26.2	41.6	25.5
8	41.5	23.1	40.7	17.3	39.1	25.0	40.8	25.9	38.9	25.0
9	39.6	21.3	41.2	15.4	38.4	22.3	37.8	25.7	39.4	22.8
10	40.6	22.4	40.6	15.1	39.7	22.9	38.0	22.9	39.4	22.2
11	41.2	18.5	40.3	13.7	39.3	23.0	37.7	23.2	40.0	20.5
12	38.6	20.4	39.2	14.2	36.7	19.6	38.9	21.8	37.2	21.6
13	40.3	19.7	38.1	12.1	36.6	21.0	37.5	21.7	37.8	19.4
14	42.3	19.9	40.8	14.7	40.0	24.5	38.0	20.9	41.6	23.9
15	42.4	22.3	40.8	14.5	40.2	23.8	38.6	20.7	39.4	22.8
16	41.8	21.9	38.9	15.6	38.4	23.1	39.2	21.8	39.4	21.1
17	39.3	24.6	36.8	14.8	36.7	20.9	38.9	23.9	37.2	22.2
18	37.8	23.3	36.3	12.1	35.5	18.2	37.3	22.8	37.2	20.5
19	40.2	19.0	38.1	11.9	38.4	19.1	37.3	19.4	41.1	21.1
20	42.7	25.3	40.3	15.8	40.1	25.2	40.2	21.4	38.3	22.2
21	39.8	26.1	36.2	15.0	36.7	23.4	41.6	21.0	36.6	21.1
22	35.8	23.7	34.0	13.1	33.1	19.9	38.2	24.3	35.0	20.5
23	35.0	17.6	35.2	8.9	33.7	15.1	34.5	22.8	34.4	17.2
24	35.4	14.8	33.6	7.9	33.6	17.4	36.1	20.8	35.5	16.1
25	37.5	20.2	34.2	7.0	34.2	16.9	42.3	20.6	36.1	15.0
26	37.4	20.6	34.6	6.9	34.2	18.0	37.8	22.2	34.4	15.5
27	36.0	14.3	34.3	9.6	32.6	14.3	35.6	19.7	33.9	13.3
28	34.6	16.2	34.8	9.2	33.4	17.9	36.1	22.4	33.9	16.1
29	35.4	15.2	34.1	9.6	33.3	20.1	33.9	16.6	33.9	16.6
30	36.7	21.0	35.7	7.6	34.2	19.9	34.0	16.9	35.5	15.5
MEANS	40.0	20.9	38.5	14.3	37.6	22.2	38.8	23.1	38.4	20.9
NORMAL	39.8	21.0	38.8	15.9	38.2	22.0	39.3	22.4	40.3	21.7
PERIOD OF NORMAL	1937-1956.		1923-1956 .		1938-1956		1937-1956.		1937-1956.	

MONTHLY MEAN TEMPERATURES

STATION	GRASS MIN.	EARTH 1 FT.	EARTH 4 FT.	MONTHLY TOTAL SUNSHINE HOURS
BAGHDAD	17.4	29.0	27.8	325.8
MOSUL	9.7	30.8	30.9	311.9
KIRKUK	....	28.6	29.7	.....
BASRA	....	....	....	310.4
HABBANIYA	18.4	32.0	30.5	321.9

DAILY MAXIMUM AND MINIMUM TEMPERATURES.

	KHANAQIN		RUTBA		HAI		DIWANIYA		NASIRIYA	
DATE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	44.4	26.4	41.0	22.0	45.2	24.5	43.4	24.2	46.2	25.0
2	44.4	28.3	37.6	22.0	45.2	24.6	45.3	23.4	46.8	24.2
3	42.2	26.1	36.8	23.0	43.6	24.8	43.0	22.6	45.8	31.2
4	41.1	27.2	38.5	21.4	43.3	22.6	42.5	22.5	45.2	22.8
5	41.7	25.8	39.0	22.0	43.3	23.1	43.8	24.5	43.8	28.5
6	43.3	26.7	38.4	23.8	42.2	23.9	42.3	20.5	45.4	26.1
7	42.5	26.9	37.0	22.0	42.5	24.9	41.0	24.3	43.4	26.4
8	40.3	23.3	33.6	20.7	42.3	25.4	39.6	22.5	44.0	22.5
9	39.1	22.2	35.2	19.3	40.2	22.7	38.6	22.0	41.3	23.0
10	40.8	20.5	35.5	18.9	40.1	23.4	38.5	21.0	41.9	22.6
11	40.3	20.0	34.6	20.0	39.5	19.7	38.5	17.9	40.4	22.5
12	37.8	23.3	34.8	19.4	38.7	24.1	38.2	21.2	41.1	21.0
13	37.8	19.4	37.0	16.3	39.0	20.4	39.8	18.6	41.0	18.1
14	39.8	22.2	38.7	17.6	42.5	20.6	42.5	19.5	42.2	20.5
15	40.6	24.4	36.2	20.7	41.0	20.8	41.0	19.6	42.8	20.5
16	40.0	21.7	34.2	19.5	41.5	23.4	41.2	24.0	43.8	20.0
17	38.3	20.0	35.2	17.2	39.8	23.7	38.3	22.5	41.8	24.2
18	36.9	16.7	35.3	17.6	38.4	23.6	38.2	21.2	39.6	20.5
19	39.1	16.7	38.4	21.2	41.6	22.0	42.3	18.6	43.0	21.2
20	41.9	22.8	33.3	18.7	43.5	22.6	44.0	20.0	43.6	20.4
21	39.4	20.6	32.4	16.0	41.2	22.6	39.0	22.6	42.8	21.9
22	35.6	18.3	33.3	16.7	38.1	23.8	36.0	22.0	39.5	22.2
23	34.4	13.9	32.3	14.9	35.9	18.2	33.8	17.5	36.6	20.2
24	34.7	13.3	32.4	14.0	37.2	17.9	36.0	16.8	39.2	18.6
25	36.1	15.3	32.2	12.7	41.6	20.5	40.5	20.2	39.6	19.9
26	35.6	15.0	31.1	14.5	38.0	20.0	36.8	17.5	39.5	18.0
27	33.3	13.3	30.6	10.9	35.6	17.0	34.3	15.0	38.0	19.6
28	33.3	14.4	29.5	11.2	35.2	17.3	34.2	16.0	37.0	18.0
29	35.6	21.7	31.0	10.0	35.5	15.2	34.0	16.8	37.0	15.6
30	36.1	21.7	30.5	11.0	38.9	15.3	36.0	14.5	37.6	14.2
MEANS	38.9	21.9	34.9	17.8	40.4	21.6	39.4	20.3	41.7	21.0
NORMAL	39.6	20.8	35.8	17.4	41.3	22.7	40.0	19.5	41.6	21.5
PEROID OF NORMAL	1939-1956		1928-1956		1940-1956		1939-1956		1940-1956	

NOTE: TEMPERATURES ARE IN CENTIGRADE.

TABLE 2. SEPTEMBER 1956.

MONTHLY MEAN TEMPERATURES (IN CENTIGRADE) FOR EACH 3 HOURS.

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	25.0	22.9	29.0	36.7	39.5	36.0	29.1	26.8	31.7
MOSUL	16.9	15.3	26.0	35.9	37.3	32.9	24.9	19.8	26.1
KIRKUK	24.0	23.4	31.2	35.7	36.8	33.3	27.6	25.5	29.7
KHANAQIN	....	22.4	31.7	....	38.2	34.7	28.6	....	31.1
RUTBA	20.2	18.2	24.8	32.2	34.3	32.3	25.7	22.4	26.3
HAI	24.4	22.9	31.6	38.7	39.6	34.9	29.9	....	31.7
DIWANIYA	22.4	21.1	30.4	37.4	38.9	33.7	28.4	25.2	29.7
NASIRIYA	24.1	22.2	31.8	39.5	40.8	35.6	29.6	26.2	31.2
BASRA	25.5	23.6	30.3	36.3	38.0	33.1	29.3	26.8	30.4
HABBANIYA	23.7	21.6	28.0	35.9	38.0	34.6	28.5	25.6	29.5

TABLE 3.

MONTHLY MEAN PRESSURE (IN MILLIBARS) AT M.S.L. FOR EACH 3 HOURS.

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	05.1	05.6	06.7	06.5	05.1	04.7	05.5	05.3	05.6
MOSUL	07.4	08.2	08.0	06.4	04.8	04.6	06.6	07.4	06.7
KIRKUK	05.2	05.6	05.4	04.5	03.1	03.4	05.2	05.5	04.7
KHANAQIN	....	05.8	04.6	....	02.8	03.4	04.9	....	04.3
RUTBA	07.5	08.1	09.2	07.7	07.0	06.9	07.9	04.5	07.4
HAI	03.9	04.5	05.4	04.9	03.7	03.6	04.5	....	04.4
DIWANIYA	04.0	04.7	05.6	05.2	03.7	03.4	04.4	04.4	04.8
NASIRIYA	04.1	04.7	05.1	05.0	07.0	03.7	04.7	04.6	04.9
BASRA	03.4	04.0	05.3	04.8	02.4	03.3	04.0	04.0	03.9
HABBANIYA	05.1	05.9	06.9	06.4	04.9	04.4	05.5	05.5	05.6

TABLE 4.

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	35	38	30	19	16	23	32	32	24
MOSUL	64	68	42	29	27	35	47	58	46
KIRKUK	27	28	19	14	13	16	22	26	21
KHANAQIN	..	25	16	..	11	14	20	..	17
RUTBA	37	42	31	29	16	16	25	30	27
HAI	33	35	30	17	16	23	26	..	26
DIWANIYA	38	42	30	20	18	26	30	34	30
NASIRIYA	41	44	29	18	18	27	36	41	32
BASRA	54	53	44	30	26	41	52	55	44
HABBANIYA	40	44	33	19	16	23	32	35	30

TABLE 5 SEPTEMBER 1956.

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	10.5	10.3	12.0	11.6	11.1	13.3	12.6	11.1	11.6
MOSUL	12.4	11.8	14.1	17.0	16.9	16.9	14.2	13.3	14.6
KIRKUK	8.3	8.1	8.2	8.1	8.4	8.2	8.3	8.3	8.2
KHANAQIN	....	6.4	7.5	....	7.6	7.0	7.8	....	7.3
RUTBA	9.0	9.0	10.4	9.5	8.8	8.4	8.3	8.0	9.0
HAI	10.1	10.0	13.8	12.1	11.8	13.0	10.9	....	11.7
DIWANIYA	10.7	10.5	12.3	13.0	12.8	13.7	11.3	11.1	12.1
NASIRIYA	12.5	11.9	13.7	13.1	13.4	15.9	15.1	14.0	13.7
BASRA	17.8	15.7	19.2	18.0	17.0	20.4	20.9	19.1	18.5
HABBANIYA	11.9	11.7	13.0	11.5	10.8	12.8	12.5	11.6	12.0

TABLE 6.

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	7.2	6.9	9.2	8.6	8.2	10.8	9.9	8.1	8.6
MOSUL	9.9	9.9	11.7	14.7	14.5	14.6	11.9	10.9	12.3
KIRKUK	3.5	3.3	4.1	2.9	3.5	3.5	3.6	3.6	3.5
KHANAQIN	...	1.6	3.3	....	3.0	3;0	3.3	....	2.8
RUTBA	5.0	4.6	6.7	5.1	4.3	3.8	3.4	3.5	4.5
HAI	6.6	6.5	11.4	9.1	8.9	10.4	7.8	....	8.7
DIWANIYA	7.6	7.3	10.6	10.4	10.1	11.1	8.6	8.0	9.2
NASIRIYA	9.8	9.1	11.1	10.4	10.7	13.5	12.5	11.5	11.1
BASRA	15.0	12.9	16.2	15.3	14.5	17.5	17.9	16.5	15.7

TABLE 7

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

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

TABLE 8

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	0.1	0.4	0.4	0.3	0.7	0.7	0.2	0.0	0.3
MOSUL	0.3	0.7	0.9	0.9	0.9	0.6	0.1	0.3	0.6
KIRKUK	0.1	0.7	0.7	0.7	0.7	0.4	0.1	0.1	0.4
KHANAQIN	...	0.7	1.0	...	0.9	0.5	0.2	...	0.7
RUTBA	0.1	0.3	0.2	0.2	0.5	0.7	0.4	0.0	0.3
HAI	0.0	0.7	0.4	0.3	0.7	0.9	0.3	...	0.5
DIWANIYA	0.0	0.2	0.3	0.5	0.6	0.6	0.0	0.2	0.3
NASIRIYA	0.1	0.5	0.3	0.2	0.4	0.7	0.2	0.2	0.3
BASRA	0.4	0.8	0.6	0.6	0.8	0.6	0.3	0.3	0.6
HABBANIYA	0.2	0.4	0.3	0.2	0.4	0;4	0.4	0.1	0.3

TABLE 9 SEPTEMBER 1956.

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

DATE	BAGHDAD	MOSUL	KIRKUK	RUTBA	HAI	DIWANIYA	NASIRIYA	BASRA	HABBANIYA	KHANAQIN
1	tr.									
2			tr.							
3		0.9								
4			tr.	tr.						
5	tr.		tr.				tr.			
6		tr.								
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
TOTAL	tr.	0.9	tr.	tr.	0.0	0.0	tr.	0.0	0.0	0.0

TABLE 10.

NUMBER OF CASES OF :-

STATION	RAIN	SNOW	HAIL	THUNDERSTORM	FOG	DUST	CLEAR	CLOUDY
BAGHDAD	0	0	0	0	0	0	26	0
MOSUL	1	0	0	1	0	0	25	0
KIRKUK	0	0	0	0	0	1	26	0
KHANAQIN	0	0	0	0	0	0	24	0
RUTBA	0	0	0	1	0	1	26	0
HAI	0	0	0	1	0	0	27	0
DIWANIYA	0	0	0	0	0	1	28	0
NASIRIYA	0	0	0	1	0	1	26	0
BASRA	0	0	0	0	0	1	26	0
HABBANIYA	0	0	0	0	0	2	28	0

SEPTEMBER 1956

ABLE 11

MONTHLY TOTAL RAINFALL AT SELECTED STATIONS.

ATION	LAT(N)	LONG(E)	HEIGHT ABOVE M.S.L. IN METERS	TOTAL RAINFALL IN MILLIMETERS
KHO	37.08	42.41	442	0.0
ADIA	37.05	43.30	1236	0.0
WANDUZ	36.37	44.33	1006	0.0
L AWAINAT	36.41	42.24	346	0.0
NJAR	36.19	41.50	576	0.0
LAFAR	36.22	42.28	373	0.0
BIL	36.11	44.00	414	0.0
WIJAH	35.31	44.18	305	0.0
LAIMANIYA	35.33	45.27	853	0.0
NJWIN	35.37	45.58	1311	0.0
KRAJOH	35.34	45.23	750	0.0
LABJAH	35.11	45.59	724	0.0
TIKHAR	35.03	44.27	204	0.0
UARTA	35.44	45.33	1356	0.0
LAHALDDIN	36.37	44.13	1088	0.0
YAT	36.41	44.57	2610	0.0
HOK	36.52	43.02	860	0.0
NAT	36.46	42.48	-	0.0
IRZA RUSTAM	36.03	44.58	459	0.0
HAQLAWA	36.23	44.20	-	0.0
ARSANK	36.58	43.32	1046	0.0
INKIRD	36.03	45.03	708	0.0
UZ	34.53	44.39	220	0.0
NA	34.28	41.27	-	0.0
LMANSOOR	34.05	45.01	68	0.0
ALAWLAA	34.16	45.09	119	0.0
IT	33.38	42.50	58	0.0
ANDILY	33.45	45.33	137	0.0
INDIYA	32.42	44.17	24	0.0
ILLA	32.29	44.26	27	0.0
UT	32.30	45.45	19	0.0
UKHAIB	33.02	42.15	305	0.0
MARA	31.51	47.10	9	0.0
HAIBICHA	30.42	43.41	-	0.0
AWA	31.18	45.16	6	0.0
DA	31.26	46.10	9	0.0
ABISHIYA	30.44	47.05	4	0.0
QIL	30.34	47.47	3	0.0
O	29.59	48.30	2	0.0

SURFACE WIND - NUMBER OF OBSERVATIONS.

BAGHDAD

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	9	5	3	1	0	1	2	6	3	6
0300	7	3	3	1	0	0	1	8	7	4
0600	7	0	2	1	1	0	5	13	1	6
0900	11	1	1	0	2	2	3	10	0	8
1200	7	0	1	0	2	2	4	14	0	8
1500	8	1	0	2	0	0	5	10	4	4
1800	6	0	2	2	2	0	6	9	3	5
2100	8	0	4	0	0	0	1	11	6	5
TOTAL	63	10	16	7	7	5	27	81	24	6

MOSUL

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	11	6	2	0	0	0	2	1	8	3
0300	12	5	1	2	0	0	2	4	4	3
0600	9	9	4	0	0	0	2	6	0	6
0900	3	8	7	3	1	1	1	6	0	8
1200	4	4	3	0	3	5	7	4	0	9
1500	5	3	0	0	5	3	10	3	1	8
1800	4	1	3	0	2	4	11	2	3	7
2100	12	0	3	2	1	0	5	0	7	3
TOTAL	60	36	23	7	12	13	40	26	23	6

KIRKUK

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	7	13	6	2	1	0	0	0	1	6
0300	6	12	6	1	0	1	0	0	4	5
0600	2	3	7	3	5	1	2	2	5	6
0900	2	4	3	1	4	8	6	2	0	7
1200	3	4	2	0	5	6	5	4	1	8
1500	5	2	1	0	2	5	11	2	2	6
1800	5	5	6	1	0	1	4	3	5	4
2100	6	13	7	1	0	0	1	0	2	5
TOTAL	36	56	37	9	17	22	27	13	20	6

KHANAQIN

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	-	-	-	-	-	-	-	-	-	-
0300	0	0	119	0	1	0	1	1	8	4
0600	2	3	6	0	1	1	4	1	12	4
0900	-	-	-	-	-	-	-	-	-	-
1200	1	1	1	0	1	0	13	12	1	6
1500	4	0	2	0	2	0	15	2	5	4
1800	0	0	4	0	3	0	0	1	22	1
2100	-	-	-	-	-	-	-	-	-	-
TOTAL	7	4	32	0	8	1	33	17	48	4

SURFACE WIND - NUMBER OF OBSERVATIONS.

R U T B A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	1	1	0	1	3	4	7	4	9	3
0300	0	0	0	1	5	6	10	1	7	4
0600	6	0	1	1	0	4	5	7	6	4
0900	7	4	1	2	4	2	4	4	2	5
1200	4	1	1	1	2	2	12	5	2	7
1500	8	3	1	1	1	2	7	5	2	5
1800	9	5	0	1	0	1	10	2	2	4
2100	1	2	1	1	1	2	7	4	11	3
TOTAL	39	16	5	9	16	23	62	32	41	4

H A I

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	2	0	1	0	1	2	14	5	5	7
0300	1	0	1	0	1	0	17	2	8	5
0600	1	0	2	0	1	0	17	3	6	5
0900	1	0	2	1	2	1	17	2	4	8
1200	0	0	2	0	0	3	18	4	3	9
1500	0	0	2	0	0	1	19	3	5	6
1800	1	0	1	0	3	0	22	1	2	7
2100	-	-	-	-	-	-	-	-	-	-
TOTAL	6	0	11	1	8	7	124	20	33	7

D I W A N I Y A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	13	1	2	0	1	0	10	1	2	7
0300	10	1	1	2	1	1	9	0	5	6
0600	11	0	0	1	1	3	13	0	1	8
0900	13	0	1	1	2	0	10	2	1	10
1200	14	0	0	1	1	1	11	1	1	10
1500	11	0	0	0	1	0	9	5	4	5
1800	14	1	3	0	0	0	10	1	1	5
2100	12	3	4	0	0	0	9	1	1	7
TOTAL	98	6	11	5	7	5	81	11	16	7

N A S I R I Y A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	6	0	0	2	3	0	11	8	0	8
0300	2	0	0	2	1	1	16	8	0	7
0600	7	0	0	1	1	4	5	12	0	9
0900	6	0	1	1	0	1	5	16	0	11
1200	12	1	2	0	0	0	8	7	0	11
1500	13	1	0	1	0	0	8	7	0	7
1800	8	0	1	3	0	0	11	6	1	7
2100	5	1	1	3	1	0	10	8	1	7
TOTAL	59	3	5	13	6	6	74	72	2	8

TABLE 12-CONTINUED. SEPTEMBER 1956.

SURFACE WIND - NUMBER OF OBSERVATIONS

BASRA

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	5	0	0	1	3	2	7	8	4	4
0300	3	0	2	0	2	2	13	5	3	4
0600	2	0	0	1	0	1	9	12	5	5
0900	1	0	1	1	0	0	5	18	4	7
1200	1	0	0	1	1	1	7	18	1	8
1500	3	0	1	1	1	0	10	11	3	3
1800	1	1	0	4	0	0	4	17	3	4
2100	4	0	1	1	1	1	4	10	8	4
TOTAL	20	1	5	10	8	7	59	99	31	5

HABBANIYA

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	4	2	1	0	0	0	6	9	8	4
0300	1	1	1	1	1	11	11	7	6	3
0600	4	0	1	0	0	1	9	13	2	5
0900	6	1	0	1	3	3	5	10	1	6
1200	4	2	0	0	3	1	7	13	0	6
1500	3	1	0	1	1	0	9	11	4	3
1800	0	1	2	1	0	0	8	9	9	3
2100	2	1	2	1	0	0	7	5	12	3
TOTAL	24	9	7	5	8	6	62	77	42	4

TABLE 13.

NUMBER OF CASES WITH SELECTED WIND - FORCE (ALL OBSERVATIONS).

WIND FORCE	BAGHDAD	MOSUL	KIRKUK	RUTBA	HAI	DIWANIYA	NASIRIYA	BASRA	HABBANIYA	KHANAQIN
1-10	192	185	191	187	177	187	178	186	144	101
11-21	24	31	29	11	40	35	60	23	54	0
22-33	0	1	0	1	0	2	0	0	0	1
≥34	0	0	0	0	0	0	0	0	0	0

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

2- C - MEANS CALM.
V.K. MEAN WIND VELOCITY IN KNOTS.

TABLE 14.

BAGHDAD AIRPORT

Month September
Year 1956.

Frequency Of Horizontal Visibility

T I M E - G.M.T.

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	TOTAL
0 -200M																									
>200 -500M																									
>500 -1000M																									
>1000 -1500M																	1/1								1
>1500 -3000M																1/1	3	1/1							5
>3 -5KM						1				1/1	1/1					3	2		1						9
>5 -10KM				10	8	5	5	3	2	1	2	1/3	1/2	1	3	16	16	9	3	3	1		1	1	95
>10 -15KM	3	3	4	11	11	10	9	7	5	5	2	3	2	2	7	6	8	15	9	4	4	6	5	2	143
>15KM	27	27	26	9	11	14	16	20	23	23	25	24	26	27	20	4		5	17	23	25	24	24	27	467
TOTAL	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	720

NOTE

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

Frequency Of Different Heights
Of Cloud-Base (Amount 5-8 Oktas)

T I M E - G.M.T.

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

TABLE 14-CONTINUED.

Month September
Year 1956.

BASRAH AIRPORT

Frequency Of Horizontal Visibility

T I M E - G.M.T.

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	TOTAL
0 -200M																									
>200 -500M																									
>500 -1000M										1/1	1/1	1/1	1/1	1/1											5
>1000 -1500M									1/1																1
>1500 -3000M								1/1	1/1	1/1	1/1	1/1	1/1	1/1	2/2	2/2	2/1	2/1	2/1	2/1					15
>3 -5KM										1/1	1/1	1/1	2/2	1/1	1/1										7
>5 -10KM				1/2	1/3		1/1	2/2	2/2	2/2	4/4	3/3	2/2	2/2	2/2	2/2	1/1	1/2	2/2	3/3	1/2				37
>10 -15KM	1	2	2	4	3	4	5	3	3	5	3	5	3	4	2	8	5	2	3	3	3	5	2	1	81
>15	29	28	28	24	24	26	24	24	23	20	20	19	21	21	23	18	23	25	24	23	25	25	28	29	574
TOTAL	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	720

NOTE

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

Frequency of Different Heights of Cloud-Base (Amount 5-8 Oktas)

T I M E - G.M.T.

Height	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	TOTAL
0 -50M															1										1
>50 -150M																									
>150 -300M																									
>300 -500M																									
>500 -900M																									
>900M	2		1	3	3	2	2	3	2	3	3	3	4	2	2	2	2	1	1					1	42

TABLE 15.

Month September
Year 1956.

BAGHDAD AIRPORT.

Simultaneous Occurrences Of Specified Visibility Ranges and Specified Lowest Cloud Base (≤ 5 Oktas)

HEIGHT	VISIBILITY																							
METERS	0-200M			>200-500M			> 0.5-1KM			> 1-1.5KM			> 1.5-3KM			> 3-5KM			>5-10KM			>10-15KM			> 15KM			TOTAL		
0-50																														
>50-150																														
>150-300																														
>300-500																														
>500-900																														
<5/8 OR *																			10	5	3	11	9	27	9	16	30	30	30
>900													1	1	3	1	2	16	5	2	6	23	26	4	30	30	30			
AND ≥5/8													1	1	5	3		37	9	6	51	17	24	146	30	30	240			
																	10	5	3	11	9	27	9	16	30	30	30			
TOTAL													1	1	3	1	2	16	5	2	6	23	26	4	30	30	30			
													1	1	5	3		37	9	6	51	17	24	146	30	30	240			

NOTE

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

00	03	06
09	12	15
18	21	To

G.M.T.

To=Total for all hours

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

TABLE 15-CONTINUED.

Month SEPTEMBER
Year 1956.

BASRAH AIRPORT

Simultaneous Occurrences Of
Specified Visibility Ranges and Specified Lowest
Cloud Base (≥ 5 Oktas)

HEIGHT	VISIBILITY																										
METERS	0-200M			> 200-500M			> 0.5-1KM			> 1-1.5KM			> 1.5-3KM			> 3-5KM			> 5-10KM			> 10-15KM			> 15KM			TOTAL		
0-50																														
> 50-150																														
> 150-300																														
> 300-500																														
> 500-900																														
5/8 OR *																				2	1	1	4	5	29	24	24	30	30	30
> 900							1	1					1	1	2	1	2		2	2	2	5	4	8	20	21	18	30	30	30
AND ≤ 5/8									2				1		5			3	2	5	16	3		29	24	25	185	30	30	240
																				2	1	1	4	5	29	24	24	30	30	30
TOTAL							1	1					1	1	2	1	2		2	2	2	5	3	8	20	21	18	30	30	30
									2				1		5			3	2	5	16	3		29	24	25	185	30	30	240

NOTE

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

00	03	06
09	12	15
18	21	To

G.M.T.

To=Total for all hours

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

OCT 1956

OCT 1956

الحكومة العراقية

وزارة المواصلات والاشغال

مديرية الطيران المدني العامة

مديرية الانواء الجوية

التقرير الجوي الشهري
للعراق
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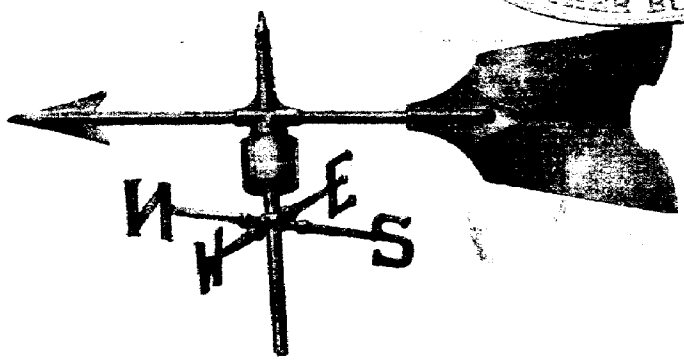

GOVERNMENT OF IRAQ
MINISTRY OF COMMUNICATIONS AND WORKS
DIRECTORATE GENERAL OF CIVIL AVIATION
(METEOROLOGICAL DEPARTMENT)

MONTHLY WEATHER REPORT Oct. 1956 FOR IRAQ

BAGHDAD.

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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.

PREPARED AND PUBLISHED

BY THE IRAQI METEOROLOGICAL DEPARTMENT

CLIMATOLOGICAL SECTION.

TABLE 1. OCTOBER 1956.

DAILY MAXIMUM AND MINIMUM TEMPERATURES.

DATE	BAGHDAD MAX.	BAGHDAD MIN.	MOSUL MAX.	MOSUL MIN.	KIRKUK MAX.	KIRKUK MIN.	BASRA MAX.	BASRA MIN.	HABBANIYA MAX.	HABBANIYA MIN.
1	38.6	13.5	37.3	7.1	36.2	22.6	35.1	18.4	35.5	15.5
2	38.9	15.0	36.6	7.4	35.2	18.5	36.1	17.2	35.5	14.4
3	38.5	16.0	36.4	7.8	35.6	18.8	37.8	19.6	36.1	13.3
4	38.2	17.1	37.2	7.9	36.9	18.6	35.4	17.6	36.6	15.0
5	38.8	17.3	38.3	9.0	37.6	19.2	36.3	16.7	39.4	16.1
6	40.3	16.3	36.7	10.9	36.7	18.4	37.2	18.9	39.4	16.1
7	39.0	20.2	36.4	8.4	34.8	20.8	37.9	18.9	39.4	16.6
8	40.8	16.4	39.2	11.1	39.2	18.3	37.0	16.5	38.9	16.6
9	38.3	19.5	35.6	13.5	37.0	20.1	37.8	15.3	37.8	20.0
10	34.8	23.3	32.3	9.9	32.3	17.2	37.5	17.2	32.0	20.0
11	34.1	19.3	31.2	11.0	31.1	17.5	34.7	20.8	32.0	16.6
12	38.4	16.6	34.5	10.7	34.9	18.4	35.9	18.3	35.5	16.1
13	39.8	19.6	32.0	10.6	35.2	18,6	37.7	19.7	35.5	18.3
14	35.1	20.6	30.6	14.8	33.3	17.5	35.4	18.1	33.9	18.3
15	35.1	20.8	29.6	10.0	31.2	16.9	35.6	17.5	34.4	17.2
16	36.8	16.5	31.7	10.1	32.3	17.5	36.2	17.8	34.4	15.5
17	30.2	16.0	27.3	9.3	28.1	15.2	35.1	17.6	30.5	15.5
18	27.3	14.3	25.1	4.7	26.7	11.1	32.5	18.0	29.4	13.3
19	31.8	19.1	26.5	7.1	26.2	14.2	35.1	15.5	30.0	17.8
20	31.8	19.7	27.1	13.0	29.2	16.8	35.6	17.7	30.5	17,2
21	29.1	17.0	26.2	1.7	27.8	12.6	32.1	15.7	27.2	13.3
22	27.7	8.2	27.9	3.1	26.8	9.8	28.8	15.3	27.2	9.4
23	30.8	6.2	29.0	2.4	29.2	10.2	30.0	14.3	28.3	8.3
24	29.1	8.2	27.7	2.6	29.4	11.4	37.1	13.9	27.8	9.4
25	29.7	6.3	30.0	1.7	30.4	9.4	32.9	15.6	27.8	9.4
26	29.5	7.9	27.9	1.9	28.8	11.2	31.7	15.4	29.4	10.0
27	29.9	7.5	28.9	0.9	28.1	11.4	31.0	13.9	30.0	10.0
28	33.7	11.8	28.3	5.1	29.7	12.1	30.1	14.7	27.8	11.1
29	29.6	8.3	29.5	3.3	29.8	13.7	29.8	13.6	28.3	11.1
30	31.6	7.1	30.3	2.8	30.0	11.6	29.9	10.8	28.9	8.3
31	31.4	12.6	29.3	5.0	29.3	15.2	32.3	10.7	28.3	11.6
MEANS	34.2	14.8	31.5	7.3	31.9	15.6	34.2	16.5	32.5	14.3
NORMAL	33.4	16.3	31.5	10.9	31.6	17.0	34.8	17.7	33.2	16.3
Period of Normal	1937-1956		1923-1956		1938-1956		1937-1956		1937-1956	

MONTHLY MEAN TEMPERATURES

STATION	GRASS MIN.	EARTH 1 FT.	EARTH 4 FT.	MONTHLY TOTAL SUNSHINE HOURS
BAGHDAD	....	24.1	25.9	312.4
MOSUL	2.1	23.6	27.3	301.1
KIRKUK	....	22.9	26.0	.....
BASRA	....	....	....	322.9
HABBANIYA	11.5	26.8	28.5	312.1

DAILY MAXIMUM AND MINIMUM TEMPERATURES

	KHANAQIN		RUTBA		HAI		DIWANIYA		NASIRIYA	
DATE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	37.2	18.9	30.7	10.5	38.4	17.2	35.5	12.0	37.3	16.3
2	36.9	18.3	32.4	11.2	37.4	15.4	37.0	13.0	38.0	12.5
3	36.1	17.8	34.0	12.2	37.6	13.9	37.5	13.0	39.1	14.8
4	36.1	15.6	33.7	13.2	38.0	16.4	37.5	13.5	38.5	16.4
5	37.8	17.2	32.2	12.4	38.2	18.6	38.0	17.3	39.0	17.0
6	36.7	16.1	34.2	13.5	40.0	17.8	38.8	15.2	39.7	19.0
7	36.1	18.3	37.7	16.3	39.4	18.6	39.2	17.5	40.0	19.1
8	37.8	18.3	38.0	18.3	38.9	21.4	38.5	17.2	40.5	18.2
9	37.8	18.3	32.5	16.5	40.2	19.1	38.6	19.3	40.6	17.1
10	33.3	16.1	31.0	16.3	37.5	19.4	36.0	20.0	40.9	18.3
11	34.7	14.4	31.0	13.2	35.5	19.3	33.8	15.8	36.0	18.0
12	35.6	16.1	30.6	15.2	37.5	19.2	37.8	17.0	39.0	18.5
13	36.4	19.7	30.0	13.0	38.5	17.2	37.5	16.4	37.8	16.0
14	34.1	17.8	28.0	13.8	38.2	15.9	36.8	15.2	37.6	17.0
15	33.6	15.6	32.2	12.3	36.5	17.6	34.0	17.0	37.3	15.4
16	34.4	16.1	26.5	12.7	35.7	18.2	35.8	15.2	36.2	14.8
17	28.9	13.9	24.3	11.7	32.6	16.4	31.3	16.8	34.7	15.8
18	27.8	12.8	24.5	11.0	31.6	16.4	31.0	16.6	33.6	18.0
19	29.7	16.1	20.2	10.2	35.7	17.0	36.0	19.7	36.0	17.6
20	32.2	18.3	25.2	7.5	35.3	14.8	34.7	15.6	33.8	15.0
21	27.8	12.2	25.6	7.5	31.5	17.2	30.5	15.0	33.0	15.0
22	27.2	7.2	27.0	7.4	28.2	10.2	27.4	10.2	29.4	12.0
23	28.6	8.3	27.0	7.4	28.8	10.5	24.7	11.0	30.5	17.0
24	28.3	7.8	27.5	7.5	30.0	12.6	29.4	10.0	31.3	17.0
25	29.4	6.6	28.5	10.0	30.2	11.3	29.0	10.0	32.8	12.3
26	28.3	8.3	29.0	10.7	32.2	12.6	30.7	10.6	33.1	10.9
27	28.3	6.6	29.0	11.5	30.8	14.2	30.9	12.0	32.8	13.8
28	29.4	7.2	26.5	9.4	31.0	12.4	31.3	10.6	31.7	13.0
29	28.9	8.9	25.2	8.5	30.2	10.4	29.2	8.7	30.5	11.0
30	30.6	9.4	27.6	7.4	30.9	9.4	29.0	8.3	30.0	8.8
31	29.4	12.2	25.2	8.6	32.3	11.2	32.8	8.8	32.0	10.5
MEANS	32.6	13.9	29.3	11.5	34.8	15.5	33.9	14.2	35.6	15.3
NORMAL	33.2	16.5	29.7	12.3	35.4	17.4	34.5	14.9	35.7	16.4
PERIOD OF NORMAL	1939-1956		1928-1956		1940-1956		1939-1956		1940-1956	

NOTE : TEMPERATURES ARE IN CENTIGRADE .

ABLE 2. OCTOBER 1956.

MONTHLY MEAN TEMPERATURES (IN CENTIGRADE) FOR EACH 3 HOURS.

TATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
AGHDAD	18.2	16.1	22.3	31.3	33.3	28.5	21.9	19.5	23.8
OSUL	10.3	8.4	17.0	28.3	30.2	23.4	16.2	12.4	18.5
IRKUK	17.5	16.4	25.0	30.2	30.9	25.8	20.9	18.7	23.2
HANAQIN	....	14.5	24.4	....	32.2	26.8	20.5	....	23.6
UTBA	13.8	12.4	17.6	26.2	28.6	25.6	19.4	16.6	20.0
AI	18.3	16.6	25.3	33.2	34.1	27.9	23.4	20.5	24.9
IWANIYA	16.7	15.2	24.1	31.6	33.2	26.5	22.2	....	24.2
ASRA	19.3	17.4	24.4	31.7	33.3	26.9	23.5	20.9	24.6
ASIRIYA	18.1	15.9	24.9	33.2	34.8	28.2	23.0	20.0	24.8
ABBANIYA	16.8	15.0	20.9	29.8	32.0	26.0	20.9	18.4	22.5

ABLE 3.

MONTHLY MEAN PRESSURE (IN MILLIBARS AT M.S.L.) FOR EACH 3 HOURS.

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
AGHDAD	13.6	14.0	15.1	14.9	13.1	13.0	13.8	13.9	13.9
OSUL	16.4	17.0	17.3	15.4	13.8	14.1	15.7	16.3	15.7
IRKUK	14.1	14.6	14.4	13.0	11.8	12.6	14.0	14.3	13.6
HANAQIN	....	14.6	13.3	....	11.0	12.1	13.5	....	12.9
UTBA	15.4	16.2	17.1	15.9	14.8	14,8	15.8	15.6	15.7
AI	12.2	12.9	13.8	13.1	12.0	12.1	12.8	12.7	12.7
IWANIYA	12.5	13.2	14.3	13.4	11.9	12.0	12.9	....	12.9
ASIRIYA	12.4	13.4	14.3	13.3	11.9	12.1	12.9	12.7	12.9
ASRA	11.8	12.4	13.9	13.1	12.0	11.7	12.5	12.4	12.5
ABBANIYA	13.8	14.4	15.7	14.8	13.2	13.2	14.1	14.2	14.2

ABLE 4.

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
AGHDAD	39	41	32	20	16	27	38	39	32
OSUL	68	74	44	30	27	43	61	67	52
IRKUK	30	32	23	14	14	20	27	30	24
HANAQIN	..	30	23	..	18	22	23	..	23
UTBA	38	40	31	20	17	20	28	31	28
AI	38	43	34	19	19	30	32	34	31
IWANIYA	46	50	37	23	22	32	36	..	35
ASIRIYA	40	43	26	16	14	25	33	38	29
ASRA	62	64	49	32	29	46	58	63	48
ABBANIYA	45	49	38	22	18	33	39	42	36

TABLE 5. OCTOBER 1956.

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	8.0	7.4	8.7	8.9	8.3	10-6	9.9	8.8	8,8
MOSUL	8.8	8.4	8.9	11.6	11.7	12.6	11.3	9.9	10,4
KIRKUK	6.0	6.0	7.1	5.8	6.2	6.6	6.8	6.3	6,2
KHANAQIN	....	5.0	6.8	.....	8.0	7.7	5.9	....	6.7
RUTBA	6.0	5.8	6.5	6.4	6,1	6.3	6.2	5.9	6.2
HAI	7.9	8.2	10.9	9.7	10.0	11.1	9.2	8.3	9.4
DIWANIYA	8.8	8.7	11.1	11.0	11.1	11.1	9.5	....	10.2
NASIRIYA	8.5	7.9	8.3	8.0	8.0	10.0	9.4	8.9	8.6
BASRA	14.2	13.0	15.5	15.0	14.8	16.5	16.8	15.6	15.2
HABBANIYA	8.7	8.5	9.7	9.5	8.8	11.3	9.7	9.2	9.4

TABLE 6.

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	3.2	2.4	4.2	4.5	3.1	2.3	6.4	4.5	4.4
MOSUL	4.7	4.0	4.6	8.5	8.4	9.9	8.2	6.4	6.8
KIRKUK	-0.9	-1.0	1.6	-1.4	-0.5	0.4	1.0	-0.1	-0.1
KHANAQIN	....	1.0	2.4	....	3.9	3.4	0.9	....	2.3
RUTBA	-0.7	-1.4	0.3	-0.3	0.1	0.1	-0.4	-0.9	-0.4
HAI	3.3	3.6	7.8	6.1	6.5	8.1	5.3	3.9	5.6
DIWANIYA	4.8	4.6	8.0	7.9	8.1	7.9	5.8	....	6.9
NASIRIYA	3.8	3.0	3.7	3.2	2.8	6.2	5.6	4.7	4.1
BASRA	11.4	10.2	12.7	12.7	12.2	14.0	14.4	13.1	12.6

TABLE 7.

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	0.1	0.0	0.0	0.0	0.0
MOSUL	0.2	0.4	0.2	0.5	0.5	0.5	0.4	0.2	0.4
KIRKUK	0.4	0.5	0.3	0.5	0.5	0.5	0.5	0.3	0.4
KHANAQIN	...	0.7	0.3	...	0.3	0.1	0.5	...	0.4
RUTBA	0.0	0.2	0.3	0.4	0.4	0.1	0.3	0.1	0.2
HAI	0.1	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0.1
DIWANIYA	0.1	0.1	0.0	0.2	0.2	0.3	0.1	...	0.1
NASIRIYA	0.0	0.1	0.0	0.0	0.1	0.0	0.1	0.2	0.1
BASRAH	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HABBANIYA	0.1	0.0	0.2	0.1	0.1	0.0	0.0	0.0	0.1

TABLE 8.

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	0.8	1.0	1.0	0.8	1.1	1.2	0.6	0.7	0.9
MOSUL	0.5	0.7	0.7	0.8	1.1	1.0	0.8	0.5	0.8
KIRKUK	0.7	0.8	0.4	0.7	1.1	0.8	0.7	0.5	0.7
KHANAQIN	...	1.2	1.3	...	1.8	1.8	0.6	...	1.3
RUTBA	0.5	0.6	0.6	0.7	0.9	1.3	0.6	0.4	0.7
HAI	0.6	0.7	0-6	0.5	0.7	0.9	0.7	0.6	0.7
DIWANIYA	0.5	0.6	0.6	0.5	0.7	0.9	0.5	...	0.6
NASIRIYA	0.5	0.5	0.5	0.5	0.5	0.7	0.4	0 .7	0.5
BASRAH	0.5	0.3	0.3	0.3	0.2	0.3	0.1	0.1	0.3
HABBANIYA	0.8	1.3	0.7	0.7	1.1	1.1	0.6	0.7	0.8

TABLE 9. OCTOBER 1956.

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

DATE	BAGHDAD	MOSUL	KIRKUK	KHANAQIN	RUTBA	HAI	DIWANIYA	NASIRIYA	BASRAH	HABBANIYA
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18		tr.			tr.					tr.
19		1.5	tr.		tr.					
20			tr.							
21										
22										
23										
24										
25								tr.		
26										
27										
28										
29										
30										
31										
TOTAL	0.0	1.5	tr.	0.0	tr.	0.0	0.0	tr.	0.0	tr.

TABLE 10.

NUMBER OF CASES OF :-

STATION	RAIN	SNOW	HAIL	THUNDERSTORM	FOG	DUST	CLEAR	CLOUDY
BAGHDAD	0	0	0	0	0	0	22	0
MOSUL	1	0	0	0	0	0	24	0
KIRKUK	0	0	0	0	0	1	25	0
KHANAQIN	0	0	0	0	0	0	20	1
RUTBA	0	0	0	0	0	0	27	0
HAI	0	0	0	0	0	0	27	0
DIWANIYA	0	0	0	0	0	0	28	0
NASIRIYA	0	0	0	0	0	0	30	0
BASRAH	0	0	0	0	0	0	30	0
HABBANIYA	0	0	0	0	0	0	24	0

TABLE 11. OCTOBER 1956.

MONTHLY TOTAL RAINFALL AT SELECTED STATIONS.

STATION	LAT(N)	LONG(E)	HEIGHT ABOVE M.S.L. IN METERS	TOTAL RAINFALL IN MILLIMETERS
QAYARA	35.48	43.17	180	0.0
TALLAFAR	36.32	42.28	373	0.0
ARBIL	36.11	44.00	414	0.0
RAWANDUZ	36.37	44.33	1006	0.0
ZAKHO	37.08	42.41	442	0.0
AMADIA	37.05	43.30	1236	0.0
TEL AWAINAT	36.41	42.24	346	0.0
SINJAR	36.19	41.50	576	0.0
PENJWIN	35.37	45.58	1311	0.1
HALBJA	35.11	45.59	724	0.0
HAMIJAH	35.31	44.18	305	0.0
SULAIMANIYA	35.33	45.27	853	0.0
BAKRAJOH	35.34	45.23	750	0.0
IFTIKHAR	35.03	44.27	204	0.0
CHUARTA	35.44	45.33	1356	0.0
SALAHDDIN	36.37	44.13	1088	0.0
RAYAT	36.41	44.57	2610	0.0
DUHOK	36.52	43.02	860	0.0
SANAT	36.46	42.48	-	0.0
MIRZA RUSTAM	36.03	44.56	459	0.0
SHAQLAWA	36.23	44.20	-	0.0
BARSANK	36.58	43.32	1046	0.0
DANHIRD	36.03	45.03	708	6.0
TUZ	34.53	44.39	220	0.0
ANA	34.28	41.27	-	0.0
AL MANSOOR	34.05	45.01	68	0.0
JALAWLAA	34.16	45.09	119	0.0
HIT	33.38	42.50	58	0.0
HINDIYA	32.42	44.17	24	0.0
HILLA	32.29	44.26	27	0.0
KUT	32.30	45.45	19	0.0
NUKHAIB	33.02	42.15	305	0.0
AMARA	31.51	47.10	9	0.0
SHABICHA	30.42	43.41	-	0.0
SAMAWA	31.18	45.16	6	0.0
BADA'A	31.26	46.10	9	0.0
GHABISHIYA	30.44	47.05	4	0.0
MAQIL	30.34	47.47	2	0.0
FAO	29.59	48.30	2	0.0

TABLE 12. OCTOBER 1956.

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	12	6	2	0	0	0	3	6	2	6
0300	11	3	3	0	0	0	2	9	3	5
0600	10	6	1	2	0	0	3	9	0	5
0900	10	2	1	0	3	2	3	10	0	7
1200	16	4	1	0	3	2	0	5	0	6
1500	14	0	0	1	3	0	2	7	4	4
1800	9	3	0	1	2	0	2	10	4	4
2100	11	2	0	1	0	0	1	12	4	5
TOTAL	93	26	8	5	11	4	16	68	17	5

M O S U L

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	13	4	0	0	0	0	4	3	7	4
0300	17	4	1	0	0	0	2	4	3	3
0600	13	4	2	0	0	0	4	8	0	6
0900	10	7	1	1	0	0	9	3	0	7
1200	11	3	4	1	0	1	9	2	0	8
1500	4	0	2	1	2	1	10	3	8	4
1800	16	2	1	1	0	0	6	1	4	4
2100	13	7	1	1	0	0	3	2	4	4
TOTAL	97	31	12	5	2	2	47	26	26	5

K I R K U K

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	4	16	5	1	0	0	1	1	3	4
0300	5	15	6	0	0	1	0	0	4	3
0600	3	8	5	0	3	1	0	2	9	3
0900	2	3	2	0	7	2	6	7	2	5
1200	5	0	0	0	7	3	7	5	4	6
1500	5	1	0	0	2	5	6	8	4	4
1800	7	14	2	0	1	0	0	2	5	3
2100	7	21	1	0	0	0	0	0	2	4
TOTAL	38	78	21	1	20	12	20	25	33	4

K H A N A Q I N

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	-	-	-	-	-	-	-	-	-	-
0300	0	0	16	1	0	0	3	0	11	2
0600	1	0	11	0	1	0	2	0	16	2
0900	-	-	-	-	-	-	-	-	-	-
1200	4	0	1	0	1	1	14	3	7	5
1500	6	0	2	0	1	1	8	2	11	3
1800	1	0	13	1	0	0	0	0	16	2
TOTAL	12	0	43	2	3	2	27	5	61	3

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	3	4	5	1	16	2
0300	3	0	0	0	7	3	2	1	15	2
0600	4	0	1	0	6	3	3	5	9	3
0900	3	3	5	6	1	0	2	6	5	5
1200	4	1	6	5	2	3	3	4	3	5
1500	7	4	6	3	2	1	2	5	1	5
1800	5	8	7	0	1	1	3	0	6	4
2100	1	1	6	1	4	2	4	3	9	3
TOTAL	28	17	32	15	26	17	24	25	64	4

H A I

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	5	0	0	0	0	0	19	3	4	7
0300	1	0	0	0	0	0	20	2	8	7
0600	1	0	2	1	0	0	19	2	6	6
0900	0	0	1	1	2	0	17	6	4	9
1200	1	0	1	1	1	0	16	6	5	8
1500	0	0	2	0	0	0	17	3	9	6
1800	0	1	1	1	1	0	23	1	3	7
2100	2	1	1	1	0	0	20	3	3	6
TOTAL	10	2	8	5	4	0	151	26	42	7

D I W A N I Y A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	12	0	0	0	0	0	7	1	11	5
0300	10	0	0	0	0	1	13	2	5	5
0600	10	1	1	0	1	0	9	1	8	6
0900	13	2	0	1	1	0	3	3	8	6
1200	15	1	1	1	2	0	5	1	5	7
1500	12	0	1	0	0	0	4	0	14	3
1800	17	1	2	0	0	1	4	0	6	5
2100	-	-	-	-	-	-	-	-	-	-
TOTAL	89	5	5	2	4	2	45	8	57	5

N A S I R I Y A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	8	0	0	2	5	1	5	9	1	7
0300	4	0	0	1	4	2	14	5	1	6
0600	3	0	2	0	1	2	10	13	0	7
0900	4	0	1	1	3	1	1	20	0	10
1200	12	0	3	0	0	0	4	12	0	9
1500	10	0	4	1	0	0	6	9	1	5
1800	10	1	6	0	0	0	4	6	4	5
2100	8	0	2	2	5	1	6	6	1	7
TOTAL	59	1	18	7	18	7	50	80	8	7

SURFACE WIND - NUMBER OF OBSERVATIONS.

BASRA

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	6	2	0	1	1	3	5	8	5	5
0300	3	1	0	0	0	1	11	6	9	4
0600	4	0	0	0	2	1	12	8	4	5
0900	5	0	0	2	1	0	10	10	3	7
1200	4	0	1	2	0	0	4	20	0	8
1500	1	0	1	1	1	0	8	18	1	5
1800	5	0	0	2	2	0	8	11	3	5
2100	8	0	0	1	2	2	8	8	2	5
TOTAL	36	3	2	9	9	7	66	89	27	6

HABBANIYA

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	2	2	0	0	2	0	4	9	12	5
0300	1	1	0	0	1	0	7	12	9	3
0600	4	1	0	0	0	2	6	12	6	4
0900	9	5	0	0	4	1	6	6	0	5
1200	8	2	0	1	3	1	4	11	1	5
1500	4	0	1	1	1	0	4	10	10	4
1800	4	0	2	0	0	0	3	8	14	3
2100	2	1	0	1	0	0	7	7	13	3
TOTAL	34	12	3	3	11	4	41	75	65	4

TABLE 13.

NUMBER OF CASES WITH SELECTED WIND - FORCE (ALL OBSERVATIONS).

WIND FORCE	BAGHDAD	MOSUL	KIRKUK	KHANAQIN	RUTBA	HAI	DIWANIYA	NASIRIYA	BASRA	HABBANIYA
1-10	216	193	204	94	183	155	134	210	190	176
11-21	15	29	10	0	1	51	26	30	31	7
22-33	0	0	1	0	0	0	0	0	0	0
≥ 34	0	0	0	0	0	0	0	0	0	0

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

2- C - MEANS CALM.

V.K. MEANS WIND VELOCITY IN KNOTS.

TABLE 14.

BAGHDAD AIRPORT

Month October

Year 1956.

Frequency Of Horizontal Visibility

T I M E - G.M.T.

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	TOTAL
0 -200M																									
> 200 -500M																									
> 500 -1000M																									
> 1000 -1500M																									
> 1500 -3000M							1	1								6	3	2							13
> 3 -5KM					1	3		1		1/1						8	4	3	1	2					24
> 5 -10KM				3	12	10	11	2	1/2		1		1/1	1/1	7	15	16	9	6	5	4	3	1		109
> 10 -15KM	2		2	12	11	12	13	8	4	5	4	2			14	2	7	12	8	3	3	4	4	5	137
> 15KM	29	31	29	16	7	6	6	19	25	25	26	29	30	30	10		1	5	16	21	24	24	26	26	461
TOTAL	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	744

Note

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

Frequency Of Different Heights Of Cloud-Base (Amount 5-8 Oktas)

T I M E - G.M.T.

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

TABLE 14-CONTINUED.

Month October

Year 1956.

BASRAH AIRPORT

Frequency Of Horizontal Visibility

T I M E - G.M.T.

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	TOTAL
0 -200M	1			1	1																				3
> 200 -500M				1																					1
> 500 -1000M					1																				1
> 1000 -1500M																									
> 1500 -3000M		1	1			1									1/1										4
> 3 -5KM														1/1											1
> 5 -10KM			1	2	1/3	1									2/2	2/2	1/1	1/1							13
> 10 -15KM	1	1	1	2	3	1	3	1	1	1	2	1	1	3	3	2	2	3	5	5	2	1	1	2	48
> 15KM	29	29	28	25	23	28	28	30	30	30	29	30	30	27	25	27	28	27	26	26	29	30	30	29	673
TOTAL	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	744

NOTE

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

Frequency of Different Heights of Cloud-Base (Amount 5-8 Oktas)

T I M E - G.M.T.

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

TABLE 15.

Month October

Year 1956.

BAGHDAD AIRPORT .

Simultaneous Occurrences Of

Specified Visibility Ranges and Specified Lowest

Cloud Base (≥ 5 Oktas)

HEIGHT METERS	VISIBILITY 0-200M	>200-500M	>0.5-1KM	>1-1.5KM	>1.5-3KM	>3-5KM	>5-10KM	>10-15KM	> 15KM	TOTAL
0-50										
>50-150										
>150-300										
>300-500										
>500-900										
<5/8 OR*					1		3 11	2 12 13	29 16 6	31 31 31
>900					6	1 8	1 15	5 2	25 30	31 31 31
AND ≥ 5/8					7	1 10	6 3 39	8 4 46	16 24 146	31 31 248
TOTAL					1		3 11	2 12 13	29 16 6	31 31 31
					6	1 8	1 15	5 2	25 30	31 31 31
					7	1 10	6 3 39	8 4 46	16 24 146	31 31 248

Note

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

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

To=Total for all hours

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

TABLE 15-CONTINUED.

Month October
Year 1956.

BASRAH AIRPORT

Simultaneous Occurrences Of Specified Visibility Ranges and Specified Lowest Cloud Base (≥ 5 Oktas)

HEIGHT METERS	VISIBILITY 0-200M			>200-500M			> 0.5-1KM			> 1-1.5KM			> 1.5-3KM			> 3-5KM			> 5-10KM			> 10-15KM			> 15KM			TOTAL		
0-50	1																											1		
			1																											1
>50-150																														
>150-300																														
>300-500																														
>500-900																														
< 5/8 OR * >900		1			1														2		1	2	3	29	25	28	30	31	31
																				2	1	1	2	30	30	27	31	31	31
AND ≥ 5/8			1			1														4	5	1	16	26	30	225	31	31	247
TOTAL	1	1			1														2		1	2	3	29	25	28	31	31	31
																				2	1	1	2	30	30	27	31	31	31
			2			1														4	5	1	16	26	30	225	31	31	248

Note

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

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

To=Total for all hours

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

NOV 1956

الحكومة العراقية

وزارة المواصلات والاشغال

مديرية الطيران المدني العامة

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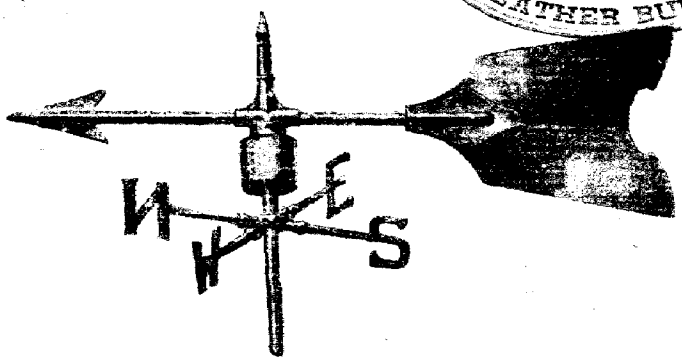

GOVERNMENT OF IRAQ
MINISTRY OF COMMUNICATIONS AND WORKS
DIRECTORATE GENERAL OF CIVIL AVIATION
(METEOROLOGICAL DEPARTMENT)

Iraq

MONTHLY WEATHER REPORT FOR IRAQ

Nov. 1956

BAGHDAD.

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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.

PREPARED AND PUBLISHED

BY THE IRAQI METEOROLOGICAL DEPARTMENT

CLIMATOLOGICAL SECTION.

TABLE 1. (1) NOVEMBER 1956.

DAILY MAXIMUM AND MINIMUM TEMPERATURES

	BAGHDAD		MOSUL		KIRKUK		BASRA		HABBANIYA	
DATE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	28.0	7.7	27.3	3.1	28.1	11.1	28,2	14.2	27.2	8.9
2	27.7	9.4	25.9	1.4	25.9	8.6	27.2	10.8	25.5	9.4
3	27.6	6.2	25.2	1.0	26.0	10.3	26.9	10.1	25.5	7.2
4	28.0	6.9	27.1	2.1	25.2	10.2	27.6	8.5	26.6	7.8
5	31.0	6.8	26.8	1.6	28.0	9.9	29.2	9.7	28.3	8.3
6	30.5	13.4	25.6	7.0	28.7	13.8	29.8	9.7	32.2	10.5
7	21.7	14.5	25.1	15.1	22.0	17.8	30.9	13.3	22.8	17.2
8	24.7	11.4	17.9	9.2	18.7	8.9	26.4	15.0	23.3	11.6
9	25.0	12.3	13.6	7.6	12.3	8.9	27.1	13.9	24.4	13.3
10	22.2	10.2	14.8	5.7	16.9	8.6	29.4	13.8	19.4	11.1
11	19.0	7.9	15.4	-1.1	15.2	2.5	24.6	14.4	18.3	5.0
12	19.5	3.8	16.6	-3.0	20.0	0.9	20.1	10.4	18.3	3.9
13	20.5	2.2	19.2	0.9	25.4	6.2	19.6	5.8	18.9	2.2
14	23.1	3.3	22.3	5.8	25.4	9.4	21.9	5.9	23.3	4.4
15	24.7	4.3	25.6	0.6	27.2	1.8	25.1	6.4	24.4	5.5
16	25.6	4.9	25.8	2.6	25.9	8.7	24.6	6.1	25.0	5.5
17	23.9	4.2	22.9	1.2	25.7	9.7	26.1	7.6	24.4	5.5
18	26.8	6.2	22.1	6.0	23.6	9.4	25.6	7.3	26.6	7.8
19	24.9	9.8	23.4	4.2	23.8	13.2	28.6	10.1	24.4	5.5
20	25.5	7.4	24.2	1.9	24.2	9.4	28.6	10.5	24.4	7.8
21	28.4	8.5	25.2	6.1	25.7	12.2	26.2	10.1	28.3	9.4
22	25.2	9.3	22.7	4.6	21.4	11.5	28.9	9.3	23.9	8.3
23	25.2	7.0	20.9	1.2	22.1	8.6	26.1	9.2	23.3	8.3
24	26.9	8.0	24.3	0.8	23.3	10.3	27.3	8.7	25.5	9.4
25	25.0	6.6	17.6	4.0	21.4	12.8	30.6	11.0	23.3	6.6
26	22.6	7.8	20.1	4.6	21.9	10.9	29.9	13.9	21.6	8.3
27	25.5	11.0	19.4	2.0	22.0	9.3	28.1	15.0	23.3	6.1
28	24.3	13.6	22.3	6.1	21.5	14.1	29.3	14.4	20.5	10.5
29	24.2	14.5	23.8	6.1	20.9	13.0	27.4	13.5	23.9	11.6
30	24.0	8.5	23.4	3.0	24.1	10.9	24.9	14.3	23.3	8.9
MEANS	25.0	8.3	22.2	3.7	23.1	10.0	26.9	10.8	24.0	8.2
NORMAL	23.2	9.9	22.4	7.1	22.7	11.2	26.8	13.4	24.5	10.6
Period of Normal	1937	-1956	1923	-1956	1930	-1956	1937	-1956	1937	-1956

MONTHLY MEAN TEMPERATURES

STATION	GRASS MIN.	EARTH 1 FT.	EARTH 4 FT.	MONTHLY TOTAL SUNSHINE HOURS
BAGHDAD	....	18.0	22.3	241.3
MOSUL	-0.7	15.8	22.2	203.1
KIRKUK	....	16.7	21.7	.....
BASRAH	....	....	....	256.6
HABBANIYA	3.3	20.3	24.9	237.0

TABLE 1-CONTINUED. NOVEMBER 1956.

DAILY MAXIMUM AND MINIMUM TEMPERATURES

	KHANAQIN		RUTBA		HAI		DIWANIYA		NASIRIYA	
DATE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	27.2	9.4	23.0	8.3	29.8	11.3	27.0	9.5	29.3	10.5
2	26.1	11.7	21.6	8.4	27.6	13.6	26.7	10.0	28.2	9.2
3	26.1	7.2	23.6	5.7	27.4	7.5	26.5	6.2	28.3	8.4
4	27.8	7.8	25.2	5.7	28.8	8.3	27.2	6.8	29.3	7.8
5	28.9	7.8	31.5	10.0	30.0	7.8	30.0	7.4	29.4	6.6
6	31.1	11.1	31.4	11.2	33.1	9.6	32.8	8.4	32.2	9.0
7	26.7	19.4	19.6	15.2	29.2	10.2	28.3	10.0	32.7	12.5
8	22.8	15.0	18.0	7.8	25.2	12.9	25.0	15.0	25.7	10.2
9	21.1	14.4	17.2	7.8	27.8	12.6	26.8	10.0	27.0	10.2
10	23.3	13.3	15.6	3.8	27.2	12.1	23.6	9.5	28.5	10.3
11	18.3	3.9	18.6	2.0	20.5	10.3	20.4	9.0	23.1	11.4
12	20.6	1.6	15.5	2.2	19.8	8.1	19.2	5.2	20.2	7.4
13	25.0	3.3	18.5	1.6	21.6	4.0	20.0	3.0	21.2	5.2
14	26.1	6.6	22.6	3.8	23.5	3.9	23.1	0.6	23.7	3.9
15	25.0	5.0	24.2	3.6	25.2	6.0	25.0	6.5	25.8	7.0
16	26.7	6.6	22.7	5.0	25.8	7.4	25.2	7.5	26.8	7.1
17	25.6	5.5	21.8	4.4	26.6	7.4	25.0	5.2	26.0	6.7
18	25.0	10.0	23.2	8.4	27.2	7.4	27.2	6.3	26.6	5.2
19	26.1	10.6	23.0	7.2	28.8	6.4	26.2	6.6	30.6	7.7
20	25.0	7.8	25.2	6.0	26.8	9.2	25.8	9.5	28.1	8.1
21	27.8	8.3	27.0	11.2	27.4	9.2	30.0	6.6	26.7	7.8
22	25.6	10.6	22.3	6.7	29.8	7.4	27.0	7.5	29.6	8.0
23	23.9	6.6	23.7	4.5	25.8	9.4	24.5	6.6	26.0	9.0
24	25.8	7.8	23.0	8.5	28.6	9.1	28.5	5.5	28.8	7.3
25	25.3	8.9	24.0	6.7	25.2	8.1	27.6	7.5	27.3	6.7
26	25.8	15.8	20.2	4.5	25.8	11.8	23.8	8.4	26.7	11.8
27	23.9	7.8	20.7	3.0	26.0	8.5	26.4	5.5	28.0	4.2
28	26.7	13.6	21.0	4.5	27.0	13.9	28.5	9.0	27.6	13.0
29	21.9	15.0	19.0	5.4	25.4	16.4	25.0	13.0	21.8	15.1
30	26.1	8.9	19.7	3.6	25.0	9.4	24.2	8.0	23.7	7.2
MEANS	28.6	9.4	22.1	6.2	26.6	9.0	25.9	7.7	27.0	8.5
NORMAL	24.7	11.0	21.7	7.5	26.4	12.1	25.7	9.8	26.5	11.9
Period of Normal	1939-1956		1928-1956		1940-1956		1939-1956		1940-1956	

NOTE: TEMPERATURES ARE IN CENTIGRADE.

TABLE 2.

MONTHLY MEAN TEMPERATURES (IN CENTIGRADE) FOR EACH 3 HOURS.

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	11.1	9.3	13.9	22.3	24.4	19.4	15.2	13.1	16.1
MOSUL	6.5	5.2	9.9	18.3	21.1	15.6	10.1	7.7	11.8
KIRKUK	11.8	10.9	16.2	21.3	22.3	16.9	14.1	12.5	15.8
KHANAQIN	....	10.4	16.9	....	24.5	19.1	15.2	....	17.2
RUTBA	8.7	8.1	11.5	19.9	21.4	17.6	13.0	10.4	13.8
HAI	11.2	10.3	16.5	24.5	25.6	19.5	15.7	13.0	17.0
DIWANIYA	10.0	8.6	15.5	23.1	25.4	18.2	14.3	....	16.4
NASIRIYA	11.2	9.7	16.0	24.2	26.2	19.6	15.8	13.4	17.0
BASRA	13.0	11.4	17.6	24.7	26.1	19.8	17.2	14.8	18.0
HABBANIYA	10.5	9.0	13.1	21.3	23.5	18.2	14.4	12.6	15.4

TABLE 3.

MONTHLY MEAN PRESSURE (IN MILLIBARS AT M.S.L.) FOR EACH 3 HOURS.

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	18.4	18.6	20.0	19.4	17.7	17.9	18.7	18.8	18.7
MOSUL	20.3	20.5	21.3	19.9	18.2	18.7	20.1	20.6	19.9
KIRKUK	18.5	18.7	18.9	17.6	16.6	17.7	18.7	18.9	18.2
KHANAQIN	....	18.5	17.2	....	16.1	17.5	18.4	....	17.5
RUTBA	16.5	20.5	20.8	20.0	18.6	19.5	20.5	20.0	19.6
HAI	17.7	18.2	19.3	18.4	17.0	17.4	18,0	18.0	18.0
DIWANIYA	17.7	18.2	19.5	18.4	16.9	17.3	18.0	....	18.0
NASIRIYA	17.7	18.0	19.7	18.5	17.1	17.4	18.2	18.0	18.1
BASRAH	17.8	18.4	19.6	18.5	17.2	17.6	18.2	18.2	18.2
HABBANIYA	18.5	18.9	20.2	19.3	17.7	18.0	18.8	18.9	18.8

TABLE 4.

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	56	63	50	32	26	39	46	52	45
MOSUL	77	80	62	43	39	55	70	76	63
KIRKUK	47	49	42	28	24	37	42	46	39
KHANAQIN	..	42	33	..	21	33	36	..	33
RUTBA	51	54	45	31	27	34	47	47	42
HAI	57	60	48	32	29	49	48	53	46
DIWANIYA	61	65	51	36	31	45	53	..	49
NASIRIYA	52	51	41	27	23	37	45	49	41
BASRA	70	70	51	35	32	54	63	68	57
HABBANIYA	59	63	55	35	29	44	51	54	49

TABLE 5 NOVEMBER 1956.

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	7.5	7.6	7.9	8.9	7.9	8.8	8.1	7.8	8.1
MOSUL	7.5	7.1	7.6	9.0	9.6	9.8	8.7	8.0	8.4
KIRKUK	6.4	6.4	7.3	6.7	6.2	6.9	6.8	6.7	6.7
KHANAQIN	...	5.2	6.2	...	6.4	7.3	6.3	...	6.3
RUTBA	5.6	5.4	6.2	7.1	6.7	6.4	6.5	5.8	6.2
HAI	7.8	7.7	9.2	9.7	9.6	9.7	8.4	8.2	8.8
DIVANIYA	7.6	7.4	9.0	10.1	10.1	9.4	8.7	...	8.9
NASIRIYA	7.0	6.3	7.5	7.9	7.6	8.5	8.2	7.6	7.6
BASRA	10.9	9.3	10.3	11.0	10.7	12.7	12.5	11.7	11.2
HABBANIYA	7.6	7.4	8.5	8.6	8.3	9.2	8.3	7.9	8.2

TABLE 6.

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	2.2	2.6	2.9	3.9	2.7	4.4	3.3	2.7	3.1
MOSUL	2.6	1.9	2.7	5.3	5.9	6.4	4.8	3.6	4.1
KIRKUK	0.1	0.0	1.9	0.6	-0.6	1.3	1.0	0.7	0.6
KHANAQIN	...	1.1	1.5	...	1.9	2.9	1.7	...	1.8
RUTBA	-1.3	-1.7	-0.4	1.5	1.2	0.9	0.4	-1.4	-0.1
HAI	2.6	2.4	5.0	5.9	5.7	6.0	4.4	3.3	4.4
DIVANIYA	2.6	2.1	5.0	6.6	6.5	5.7	4.5	...	4.7
NASIRIYA	1.1	-0.5	2.1	3.0	2.8	4.1	3.6	2.6	2.4
BASRAH	7.4	6.0	6.8	7.6	7.4	10.0	9.8	8.8	8.0

TABLE 7.

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	0.2	0.1	0.1	0.1	0.1	0.4	0.2	0.1	0.2
MOSUL	1.9	2.0	1.6	1.3	1.6	1.9	1.6	2.8	1.8
KIRKUK	1.3	1.8	2.1	2.0	1.7	1.3	1.3	1.7	1.7
KHANAQIN	...	1.4	1.0	...	1.7	1.4	1.3	...	1.4
RUTBA	0.6	0.3	0.3	0.8	0.7	0.9	0.8	0.2	0.5
HAI	0.4	0.4	0.6	0.2	0.2	0.1	0.0	0.1	0.2
DIVANIYA	0.3	0.1	0.4	0.1	0.0	0.0	0.2	...	0.2
NASIRIYA	0.0	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.1
BASRAH	0.0	0.2	0.0	0.1	0.1	0.0	0.0	0.0	0.1
HABBANIYA	0.1	0.0	0.0	0.1	0.4	0.1	0.0	0.1	0.1

TABLE 8.

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	2.1	2.1	2.7	3.3	3.7	3.4	1.9	2.2	2.7
MOSUL	3.1	3.0	3.3	3.5	3.9	3.4	2.6	2.9	3.2
KIRKUK	2.3	2.9	3.3	3.6	3.5	2.8	2.3	2.6	2.9
KHANAQIN	...	3.1	2.8	...	3.7	3.2	2.6	...	3.1
RUTBA	1.0	2.6	3.1	3.1	3.8	3.4	1.9	0.9	2.5
HAI	1.0	1.8	2.7	2.2	2.6	2.4	1.6	1.0	1.9
DIVANIYA	0.7	1.4	2.3	2.3	2.7	1.8	1.2	...	1.8
NASIRIYA	0.9	1.5	2.2	2.1	2.5	2.1	1.1	0.5	1.6
BASRAH	0.4	1.7	2.2	2.8	3.1	2.2	1.2	0.7	1.8
HABBANIYA	1.7	2.0	2.5	3.0	3.6	3.4	2.1	2.1	2.6

TABLE 9. NOVEMBER 1956.

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

DATE	BAGHDAD	MOSUL	KIRKUK	RUTBA	HAI	DIWANIYA	NASIRIYA	BASRA	KHANAQIN	HABBANIYA
1										
2										
3										
4										
5										
6		2.2								
7	tr.	3.1	1.3	tr.						
8		9.8	2.6							
9	tr.		0.7						0.3	
10									0.8	
11										
12										
13										
14										
15										
16										
17		tr.								
18			tr.							
19										
20										
21										
22										
23										
24										
25										
26										
27	tr.									
28			3.8	tr.		3.1				tr.
29							tr.	tr.	0.3	
30										
TOTAL	tr.	15.1	8.4	tr.	0.0	3.1	tr.	tr.	1.4	tr.

TABLE 10.

NUMBER OF CASES OF :-

STATION	RAIN	SNOW	HAIL	THUNDERSTORM	FOG	DUST	CLEAR	CLOUDY
BAGHDAD	0	0	0	0	0	1	12	2
MOSUL	3	0	0	1	0	0	9	4
KIRKUK	4	0	0	0	0	2	10	3
KHANAQIN	3	0	0	0	0	0	10	5
RUTBA	0	0	0	0	0	3	11	0
HAI	0	0	0	0	0	0	15	0
DIWANIYA	1	0	0	0	0	0	15	0
NASIRIYA	0	0	0	0	1	1	17	0
BASRAH	0	0	0	0	1	0	16	0
HABBANIYA	0	0	0	0	0	2	12	1

TABLE 11. (6) NOVEMBER 1956.

MONTHLY TOTAL RAINFALL AT SELECTED STATIONS.

STATION	LAT(N)	LONG(E)	HEIGHT ABOVE M.S.L. IN METERS	TOTAL RAINFALL IN MILLIMETERS
ZAKHO	37.08	42.41	442	30.0
AMADIA	37.05	43.30	1236	28.4
RAWANDUZ	36.37	44.33	1006	80.0
SINJAR	36.19	41.50	576	14.4
TELAAFFAR	36.22	42.28	373	11.0
ERBIL	36.11	44.00	414	10.4
HALABJAH	35.31	44.18	305	1.4
RUSTA SHARIF	35.33	45.27	853	28.6
PENJWIN	35.37	45.58	1311	10.7
BAKRAJO	35.34	45.23	750	30.0
HALABJAH	35.11	45.59	724	20.8
IFTIKHAR	35.03	44.27	204	3.8
CHUARTA	35.44	45.33	1356	33.4
SALAHDDIN	36.37	44.13	1088	11.9
RAYAT	36.41	44.57	2610	73.9
DUHOK	36.52	43.02	860	27.4
MIRZA RUSTAM	36.03	44.56	459	7.2
SHAQLAWA	36.23	44.20	-	79.5
SARSANK	36.58	43.32	1046	29.0
DINKIRD	36.03	45.03	708	84,6
ANA	34.28	41.27	-	0.0
JALAWALAA	36.16	45.09	119	0.0
SHABICHA	30.42	43.41	-	0.0
MAQIL	30.34	47.47	2	0.0

SURFACE WIND - NUMBER OF OBSERVATIONS.

BAGHDAD

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	2	1	2	7	0	0	1	14	3	4
0300	1	0	4	2	4	1	3	11	4	4
0600	2	0	1	2	2	3	3	16	1	5
0900	2	0	2	2	4	1	7	12	0	8
1200	9	0	2	1	4	2	1	11	0	7
1500	6	1	2	3	3	1	3	10	1	4
1800	7	2	0	2	4	0	4	10	1	4
2100	7	0	3	2	4	0	2	8	4	4
TOTAL	36	4	16	21	25	8	24	92	14	5

MOSUL

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	11	2	1	2	0	0	2	5	7	4
0300	12	1	1	1	2	0	2	2	9	4
0600	8	3	3	1	1	1	4	9	0	6
0900	5	3	2	4	2	1	7	6	0	7
1200	4	1	4	2	3	2	6	6	2	8
1500	3	3	2	0	2	1	13	1	5	4
1800	7	5	1	0	1	0	6	2	8	3
2100	11	2	2	0	1	0	3	4	7	4
TOTAL	61	20	16	10	12	5	43	35	38	5

KIRKUK

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	5	14	11	0	0	0	0	0	0	6
0300	5	12	7	3	1	0	0	0	2	5
0600	5	4	3	8	7	0	0	0	3	6
0900	3	2	2	4	6	3	6	3	1	7
1200	4	0	2	3	8	2	7	3	1	7
1500	5	4	0	2	5	2	6	1	5	5
1800	4	13	6	2	1	0	0	1	3	5
2100	4	17	4	4	0	0	0	0	1	5
TOTAL	35	66	35	26	28	7	19	8	16	6

KHANAQIN

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	-	-	-	-	-	-	-	-	-	-
0300	0	0	19	3	1	0	0	0	7	4
0600	0	2	7	1	5	0	2	0	13	5
0900	-	-	-	-	-	-	-	-	-	-
1200	4	1	2	1	8	1	13	0	0	9
1500	4	0	5	2	2	0	9	2	6	4
1800	0	0	13	2	0	0	3	0	12	3
2100	-	-	-	-	-	-	-	-	-	-
TOTAL	8	3	46	9	16	1	27	2	38	5

SURFACE WIND - NUMBER OF OBSERVATIONS.

RUTBA

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	2	0	0	0	10	3	5	0	10	3
0300	1	0	0	0	5	4	5	0	15	3
0600	2	0	1	0	9	6	5	1	6	3
0900	2	0	1	1	5	2	10	1	8	5
1200	2	1	1	0	8	2	6	3	7	8
1500	8	0	1	0	4	2	6	2	7	4
1800	5	1	0	1	5	2	2	1	13	3
2100	2	2	0	1	5	2	3	0	15	3
TOTAL	24	4	4	3	51	23	42	8	81	4

HAI

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	2	0	4	2	1	1	14	2	4	8
0300	0	0	4	5	0	0	17	1	3	8
0600	0	0	4	4	0	0	15	1	6	7
0900	0	0	3	5	1	0	15	3	5	9
1200	0	0	4	5	1	0	16	2	2	9
1500	0	0	3	1	3	0	15	1	7	5
1800	0	0	3	2	2	1	16	2	4	7
2100	0	0	3	3	2	0	17	1	4	8
TOTAL	2	0	28	27	10	3	123	13	35	8

DIWANIYA

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	1	1	3	1	0	1	10	1	6	5
0300	3	0	1	2	1	0	16	0	7	5
0600	3	0	1	1	2	1	17	3	2	8
0900	6	0	2	0	2	1	12	3	4	8
1200	7	0	2	0	2	1	10	6	2	8
1500	6	0	4	1	0	0	14	0	5	4
1800	6	0	5	2	0	0	13	1	3	5
2100	-	-	-	-	-	-	-	-	-	-
TOTAL	38	1	18	7	7	4	92	14	29	6

NASIRIYA

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	2	0	0	2	10	1	13	2	0	6
0300	1	0	2	0	5	2	17	0	3	6
0600	3	0	2	1	3	2	10	9	0	8
0900	4	0	0	4	2	3	6	11	0	10
1200	3	0	2	2	3	1	5	14	0	9
1500	5	0	5	4	0	0	11	5	0	7
1800	3	1	2	6	0	0	7	11	0	7
2100	2	0	0	6	5	0	13	4	0	8
TOTAL	23	1	13	25	28	9	82	56	3	8

SURFACE WIND - NUMBER OF OBSERVATIONS.

BASRA

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	3	1	2	3	5	0	11	4	1	7
0300	3	2	2	3	1	1	16	1	1	6
0600	1	2	2	2	3	1	12	5	2	8
0900	3	2	1	4	2	2	8	8	0	10
1200	3	0	0	5	2	1	9	10	0	10
1500	2	1	2	4	0	0	9	10	2	7
1800	3	2	1	4	2	1	15	11	1	7
2100	3	0	3	2	3	1	7	9	2	7
TOTAL	21	10	13	27	18	7	77	58	9	8

HABBANIYA

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	4	2	1	0	2	0	9	3	9	4
0300	2	0	3	1	0	2	9	7	6	4
0600	4	0	2	2	2	2	11	6	1	6
0900	2	1	0	1	4	2	4	13	3	7
1200	5	1	0	1	5	0	7	10	1	7
1500	7	0	1	2	3	0	8	4	5	4
1800	5	2	0	4	0	0	8	3	8	4
2100	3	0	1	5	0	0	10	3	8	4
TOTAL	32	6	8	16	16	6	66	49	41	5

TABLE 13.

NUMBER OF CASES WITH SELECTED WIND - FORCE (ALL OBSERVATIONS).

WIND FORCE	BAGHDAD	MOSUL	KIRKUK	KHANAQIN	RUTBA	HAI	DIWANIYA	NASIRIYA	BASRA	HABBANIYA
1-10	214	175	114	97	144	139	150	192	174	169
11-21	12	25	27	9	14	62	28	44	55	30
22-33	0	2	3	6	1	4	3	1	2	0
34	0	0	0	0	0	0	0	0	0	0

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

2- C - MEANS CALM.

V.K. MEANS WIND VELOCITY IN KNOTS.

TABLE 14.

BAGHDAD AIRPORT

Month November

Year 1956.

Frequency Of Horizontal Visibility

T I M E - G.M.T.

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	TOTAL
0 -200M																									
> 200 -500M																									
> 500 -1000M										1/1	1/1	1/1													3
> 1000 -1500M				1/1			1						1/1	1/1	1/1				1/1						6
> 1500 -3000M	1/1	1/1	1/1		1/2	2	1	1/2	1/1	1					2	1/4	2	1	1	1/2	1/2	1/2	1/1	1/1	30
> 3 -5KM				1	1	2		2	1		1	1	1/1		1	5	1	3	1				1	1	23
> 5 -10KM	1		1		12	7	5	2	2	1/1	2/2	2/2	1/2	2/2	1/14	16	13	3	3	1					89
> 10 -15KM	3	3	5	8	6	9	5	5	5	4	5	3	4	7	8	4	8	13	11	11	9	4	5	3	148
> 15KM	25	26	23	20	9	10	18	19	21	23	21	23	22	20	4	1	6	10	13	16	19	24	23	25	421
TOTAL	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	720

NOTE

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

Frequency Of Different Heights
Of Cloud-Base (Amount 5-8 Oktas)

T I M E - G.M.T.

Height	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	TOTAL
0 -50M																									
> 50 -150M																									
> 150 -300M																									
> 300 -500M																									
> 500 -900M																									
> 900M	5	4	6	7	8	7	8	11	9	12	13	17	16	14	14	13	12	11	6	6	7	8	9	8	231

TABLE 14-CONTINUED.

Month November
Year 1956.

BASRAH AIRPORT

Frequency of Horizontal Visibility

T I M E - G.M.T.

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	TOTAL
0 -200M																									
> 200 -500M																									
> 500 -1000M					1/1																				1
> 1000 -1500M					1							1/1	1/1	1/1	1/1										5
> 1500 -3000M				1						1/1	1/1				1/1	2/2	2/2	1/1	1/1						10
> 3 -5KM					1													1/1		1/1		1/1			4
> 5 -10KM		1	1		1/4	2							1/1	1/1				1/1	2/2	1/1	2/2		1/1		17
> 10 -15KM	1	1	1	4	4	6	3	1	1	1	2	2	1	1	2	2	2	3	1	1	2	2	2		46
> 15KM	29	28	28	25	19	22	27	29	29	28	27	27	27	27	26	26	26	24	26	27	26	27	27	30	637
TOTAL	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	720

NOTE

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

Frequency of Different Heights of Cloud-Base (Amount 5-8 Oktas)

T I M E - G.M.T.

Height	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	TOTAL
0 -50M																									
> 50 -150M																									
> 150 -300M																									
> 300 -500M				1																					1
> 500 -900M																									
> 900M	1	1	3	3	8	9	9	8	8	12	11	12	12	10	11	8	8	8	5	4	5	3	3	2	160

TABLE 15.

Month November
Year 1956.

BAGHDAD AIRPORT

Simultaneous Occurrences Of Specified Visibility Ranges and Specified Lowest Cloud Base (≥ 5 Oktas)

HEIGHT METERS	VISIBILITY 0-200M			>200-500M			> 0.5-1KM			> 1-1.5KM			> 1.5-3KM			> 3-5KM			> 5-10KM			> 10-15KM			> 15KM			TOTAL		
0-50																														
>50-150																														
>150-300																														
>300-500																														
>500-900																														
<5/8 OR*										1	1	1		1		1		1		5	3	8	5	25	20	18	30	30	30
>900							1			1		1		4		1	5	1	2	16	4	4	4	23	22	1	30	30	30
AND ≥ 5/8								1	1		4	1	2	10	1		8	3		28	11	4	43	13	24	146	30	30	240
										1	1	1		1		1		1		5	3	8	5	25	20	18	30	30	30
TOTAL							1			1		1		4		1	5	1	2	16	4	4	4	23	22	1	30	30	30
								1	1		4	1	2	10	1		8	3		28	11	4	43	13	24	146	30	30	240

NOTE

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

00	03	06
09	12	15
18	21	To

G.M.T.

To=Total for all hours

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

TABLE 15-CONTINUED.

Month November
Year 1956 .

BASRAH AIRPORT

Simultaneous Occurrences Of
Specified Visibility Ranges and Specified Lowest
Cloud Base (≥ 5 Oktas)

HEIGHT METERS	VISIBILITY 0-200M			>200-500M			> 0.5-1KM			> 1-1.5KM			> 1.5-3KM			> 3-5KM			> 5-10KM			> 10-15KM			> 15KM			TOTAL		
0-50																														
>50-150																														
>150-300																														
>300-500													1															1		
															1															1
>500-900																														
<5/8 OR *																						1	4	3	29	25	27	30	29	30
>900										1			1		2					1		1	1	2	28	27	26	30	30	30
AND ≥5/8												1	1		4		1	1	2		3	1	2	15	26	27	215	30	30	239
														1								1	4	3	29	25	27	30	30	30
TOTAL										1			1		2					1		1	1	2	28	27	26	30	30	30
												1	1		5		1	1	2		3	1	2	15	26	27	215	30	30	240

Note

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

00	03	06
09	12	15
18	21	To

G.M.T.

To=Total for all hours

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

DEC 1956

الحكومة العراقية

وزارة المواصلات والاشغال

مديرية الطيران المدني العامة

مديرية الانواء الجوية

التقرير الجوي الشهري
للعراق
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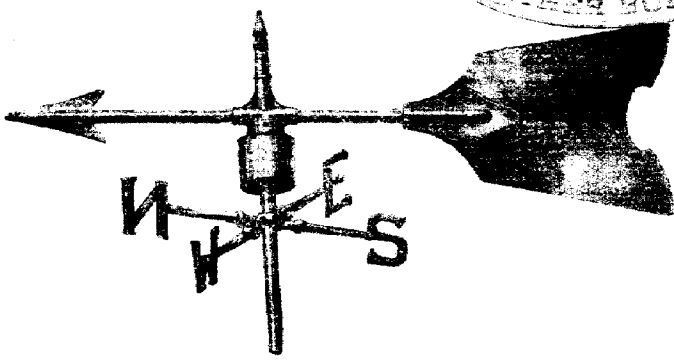

GOVERNMENT OF IRAQ
MINISTRY OF COMMUNICATIONS AND WORKS
DIRECTORATE GENERAL OF CIVIL AVIATION
(METEOROLOGICAL DEPARTMENT)

Iraq

MONTHLY WEATHER REPORT Dec. 1956 FOR IRAQ
BAGHDAD.

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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.

PREPARED AND PUBLISHED

BY THE IRAQI METEOROLOGICAL DEPARTMENT

CLIMATOLOGICAL SECTION.

TABLE 1. DECEMBER 1956.

DAILY MAXIMUM AND MINIMUM TEMPERATURES

	BAGHDAD		MOSUL		KIRKUK		BASRAH		HABBANIYA	
DATE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	25.1	7.5	21.0	4.2	25.8	11.7	25.5	10.2	24.4	8.3
2	24.1	8.4	22.3	4.9	27.1	9.7	23.9	9.1	23.9	10.0
3	26.6	6.1	27.2	3.7	26.6	12.7	24.7	6.9	23.3	7.8
4	23.4	7.2	23.4	3.0	23.5	10.7	26.2	5.6	25.0	6.6
5	24.7	11.0	12.4	6.3	12.8	12.0	27.3	9.7	20.5	11.6
6	21.9	8.6	15.1	4.4	19.2	8.2	28.4	13.7	18.3	8.3
7	22.0	12.7	13.8	6.8	16.7	10.7	25.3	10.7	21.1	10.0
8	19.0	10.2	12.1	5.9	15.6	5.4	20.1	15.6	18.3	8.3
9	21.4	8.8	14.0	7.9	11.5	8.2	23.3	11.9	20.0	9.4
10	12.1	6.7	7.1	2.2	7.4	4.2	14.7	10.1	11.6	7.8
11	9.4	-3.7	6.5	-2.7	7.0	-2.4	12.8	4.2	9.4	-3.3
12	8.7	-5.0	8.4	-3.1	7.5	-2.4	11.4	0.7	9.4	-3.9
13	11.3	-4.3	6.7	-3.4	8.3	-3.8	12.6	-2.6	10.0	-3.9
14	10.0	-3.6	8.8	-3.1	12.0	-0.9	12.8	-0.3	10.0	-2.2
15	14.0	-1.2	11.5	-3.2	11.4	0.3	9.4	4.1	13.9	-1.7
16	14.5	-1.3	12.4	-2.8	14.0	1.2	10.0	7.8	12.2	0.0
17	14.5	0.3	12.0	-0.9	15.4	3.1	9.4	7.7	14.4	0.0
18	16.2	-2.6	15.4	-2.1	15.7	3.3	15.3	4.7	14.4	-1.7
19	19.2	1.4	17.0	5.0	19.0	6.9	11.6	7.2	16.1	1.6
20	13.6	5.1	18.7	0.4	18.5	8.2	16.4	9.4	15.0	6.1
21	16.2	9.8	9.5	7.1	10.8	8.7	16.5	14.2	13.3	8.9
22	14.4	3.6	8.9	5.4	7.6	5.3	17.2	6.1	13.9	5.0
23	13.7	1.5	11.3	2.1	10.5	2.7	14.8	5.7	13.3	2.2
24	14.2	0.7	12.1	-0.2	11.4	1.4	14.7	5.6	13.3	1.1
25	11.8	0.9	10.9	-0.9	10.4	1.8	13.7	3.6	11.6	1.6
26	16.6	4.9	12.9	0.3	13.3	3.7	15.5	9.0	15.5	5.0
27	17.7	1.7	12.6	0.7	14.7	5.3	14.3	10.0	15.5	2.8
28	18.8	2.6	10.4	2.1	12.6	5.7	17.3	10.8	15.5	1.1
29	17.0	5.2	12.0	5.4	13.5	7.2	27.1	6.0	18.3	3.9
30	13.2	6.9	10.4	5.6	14.9	6.9	12.3	10.0	12.8	6.6
31	17.4	2.6	12.3	3.6	15.3	7.4	16.4	9.9	15.0	3.9
MEANS	16.9	3.6	13.2	2.1	14.5	5.3	17.1	7.7	15.8	3.9
NORMAL	17.4	5.2	14.7	3.0	15.7	5.8	19.7	8.6	17.3	5.5
PERIOD OF NORMAL	1937	-1956	1923	-1956	1938	-1956	1937	-1956	1937	-1956

MONTHLY MEAN TEMPERATURES

STATION	GRASS MIN.	EARTH 1 FT.	EARTH 4 FT.	MONTHLY TOTAL SUNSHINE HOURS
BAGHDAD	....	13.7	19.5	191.6
MOSUL	-1.0	10.3	17.5	145.4
KIRKUK	....	12.2	17.2	.....
BASRAH	....	....	....	142.0
HABBANIYA	-3.8	15.9	21.5	187.2

TABLE 1-CONTINUED. (2) DECEMBER 1956.

DAILY MAXIMUM AND MINIMUM TEMPERATURES

	KHANAQIN		HAI		DIWANIYA		NASIRIYA		RUTBA	
DATE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	26.1	8.9	26.5	9.6	25.0	8.8	26.1	10.0	21.5	6.6
2	27.8	6.1	25.4	7.8	24.2	10.5	25.2	9.9	21.6	6.0
3	26.7	9.7	25.5	6.8	24.8	5.5	25.1	6.2	23.0	5.6
4	24.7	8.3	25.3	5.3	26.2	6.0	27.2	5.5	26.0	8.7
5	23.9	10.0	25.8	7.6	27.2	6.3	28.2	10.1	21.7	8.3
6	22.2	8.9	26.6	12.6	26.0	11.0	25.3	13.0	15.4	5.0
7	21.7	10.6	22.5	12.0	24.2	12.0	26.8	12.0	17.0	9.3
8	17.8	12.5	19.6	15.8	22.0	13.0	17.5	13.2	16.0	3.8
9	18.3	11.1	21.0	11.0	21.5	10.3	21.8	12.0	14.6	7.7
10	15.0	9.4	21.9	9.1	21.0	4.5	22.8	7.0	6.5	2.5
11	8.9	-1.1	11.6	0.7	10.8	-1.7	11.8	1.2	7.0	6.0
12	8.6	-3.9	10.2	-4.6	11.2	-3.5	11.1	-1.8	9.4	-5.7
13	10.8	-4.4	12.8	-2.1	12.2	-2.5	12.5	-2.1	10.4	-6.3
14	12.2	-2.8	11.3	-3.2	12.5	-1.8	11.2	0.0	11.7	-3.0
15	15.1	1.1	15.6	6.4	15.7	4.4	13.8	5.0	11.0	-4.0
16	15.6	-0.6	15.3	2.2	13.2	0.5	14.8	3.5	10.4	-3.6
17	15.6	2.2	12.5	4.8	13.0	4.2	11.8	4.7	9.6	-5.4
18	16.7	0.5	16.2	0.8	15.8	-1.0	15.2	3.5	11.7	-3.0
19	19.4	5.0	16.2	3.9	17.8	1.4	8.0	5.2	10.4	-1.0
20	18.3	5.0	14.6	7.5	12.8	7.0	13.2	6.3	8.3	-2.7
21	12.2	7.8	16.2	9.8	17.2	9.5	16.2	8.9	10.0	7.4
22	10.6	7.8	15.8	6.1	15.8	1.0	17.2	4.0	10.7	3.0
23	13.3	3.3	14.1	3.1	14.5	2.2	14.2	3.0	13.0	-2.3
24	13.9	1.1	14.4	1.6	15.0	1.0	15.1	2.3	13.0	2.6
25	13.0	1.6	14.5	1.7	14.7	1.8	13.3	2.0	10.5	3.1
26	15.6	5.5	17.4	7.6	17.7	5.4	16.0	5.4	12.7	1.8
27	16.9	3.9	17.2	7.4	18.0	6.5	15.6	9.1	14.7	3.0
28	16.7	8.3	15.2	4.1	18.5	1.4	14.6	4.0	15.7	1.4
29	16.7	5.0	16.4	4.3	20.0	1.3	15.6	3.0	16.1	0.7
30	13.9	5.3	13.0	5.4	13.6	6.0	12.4	4.7	12.3	5.0
31	16.1	2.8	17.6	6.7	15.6	4.6	15.2	8.1	11.0	7.0
MEANS	16.9	4.8	17.7	5.6	18.0	4.4	17.3	5.8	13.6	2.2
NORMAL	17.3	6.2	19.2	7.8	18.3	5.0	18.8	7.3	14.6	2.7
PERIOD OF NORMAL	1939- 1956		1940- 1956		1939- 1956		1940- 1956		1928 -1956	

NOTE: TEMPERATURES ARE IN CENTIGRADE.

TABLE 2. DECEMBER 1956.

MONTHLY MEAN TEMPERATURES (IN CENTIGRADE) FOR EACH 3 HOURS.

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	5.8	4.7	7.4	14.0	16.0	12.4	9.1	7.0	9.5
MOSUL	4.3	3.9	4.9	9.7	12.7	9.4	6.3	4.8	7.0
KIRKUK	6.7	6.4	8.9	12.4	13.8	10.2	8.1	7.0	9.2
KHANAQIN	...	5.9	9.3	....	15.8	12.2	9.2	...	10.5
HAI	7.7	6.7	9.7	15.5	16.9	12.8	10.3	8.8	11.1
DIWANIYA	6.8	5.6	8.8	15.7	17.1	12.4	9.8	...	10.9
NASIRIYA	8.1	7.2	9.6	14.9	16.6	13.0	10.8	9.3	11.2
BASRAH	9.7	8.8	11.0	15.2	16.5	13.3	11.7	10.5	12.1
RUTBA	3.0	2.4	4.9	11.1	13.0	10.7	6.5	4.8	7.5
HABBANIYA	5.9	5.0	6.9	13.2	15.1	11.1	8.4	7.0	9.1

TABLE 3.

MONTHLY MEAN PRESSURE (IN MILLIBARS AT M.S.L.) FOR EACH 3 HOURS.

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	18.1	21.2	22.3	21.7	20.5	20.7	21.4	21.5	20.9
MOSUL	22.6	22.4	23.3	22.5	21.0	21.6	22.3	22.5	22.3
KIRKUK	20.6	21.0	21.3	20.4	19.4	20.2	21.0	21.0	20.6
KHANAQIN	....	21.8	21.0	....	18.8	19.8	21.0	....	20.5
HAI	20.5	20.6	21.6	20.8	19.5	20.1	20.7	20.7	20.6
DIWANIYA	20.6	20.8	21.9	20.9	19.5	20.1	20.7	....	20.6
NASIRIYA	20.2	20.4	21.7	20.7	19.4	19.9	20.6	20.5	20.4
BASRAH	20.2	20.4	21.8	20.8	19.5	20.0	20.7	20.5	20.5
HABBANIYA	21.3	21.3	22.4	21.8	20.3	20.8	21.4	21.5	21.3
RUTBA	20.8	21.5	22.3	20.1	19.7	20.5	20.3	20.8	20.8

TABLE 4.

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	80	84	72	54	45	56	68	74	67
MOSUL	85	86	84	69	60	73	81	84	78
KIRKUK	74	74	66	55	51	66	70	74	66
KHANAQIN	..	83	70	..	44	58	69	..	65
HAI	80	80	74	59	52	67	74	77	70
DIWANIYA	77	80	73	53	49	61	69	..	66
NASIRIYA	77	74	71	57	50	64	70	75	67
BASRAH	91	92	85	71	67	82	88	90	83
RUTBA	81	79	78	54	47	70	78	68	68
HABBANIYA	78	82	77	55	47	62	70	75	68

DECEMBER 1956.

TABLE 5.

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	7.6	7.3	7.6	8.5	8.4	8.2	8.1	7.9	8.0
MOSUL	7.2	7.1	7.4	8.2	8.5	8.5	7.8	7.3	7.7
KIRKUK	7.3	7.0	7.5	7.9	7.6	8.1	7.5	7.5	7.6
KHANAQIN	...	7.5	8.1	...	7.8	8.1	8.4	...	8.0
HAI	8.8	8.3	9.3	10.4	10.1	10.2	9.6	9.1	9.5
DIWANIYA	7.9	7.6	8.5	9.6	9.6	8.9	8.5	...	8.7
NASIRIYA	8.4	7.9	8.7	9.6	9.3	9.8	9.4	9.2	9.0
BASRAH	11.3	10.8	11.3	12.2	12.3	12.7	12.4	11.8	11.9
RUTBA	6.4	6.0	6.7	7.1	7.0	7.1	7.0	6.8	6.8
HABBANIYA	7.4	7.4	7.8	8.4	8.1	8.4	8.0	7.7	7.9

TABLE 6.

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	2.4	2.0	2.4	4.1	3.7	3.4	3.1	2.5	3.0
MOSUL	1.9	1.7	2.2	3.8	4.3	4.4	3.0	2.1	2.9
KIRKUK	2.0	1.4	2.3	2.9	2.3	3.3	2.3	2.3	2.4
KHANAQIN	...	1.9	3.1	...	2.4	3.4	3.2	...	2.8
HAI	4.7	3.4	5.1	6.9	6.1	6.5	5.6	4.7	5.4
DIWANIYA	2.8	2.4	4.0	5.7	5.6	4.7	4.1	...	4.2
NASIRIYA	3.8	2.8	4.2	5.5	4.9	5.9	5.2	4.9	4.7
RUTBA	0.2	-0.5	0.9	1.7	1.4	1.5	1.3	0.9	0.9
BASRAH	8.2	7.5	8.3	9.3	9.5	9.9	9.6	8.8	8.9

TABLE 7.

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	0.6	0.9	1.3	0.8	1.2	0.7	0.5	0.7	0.8
MOSUL	2.9	3.3	4.0	3.6	3.4	3.4	2.2	2.7	3.2
KIRKUK	1.7	1.9	2.6	2.4	2.5	2.4	1.6	1.6	2.1
KHANAQIN	...	2.0	2.6	...	2.6	2.5	2.0	...	2.3
HAI	2.1	2.9	2,6	2.3	1.8	1.8	1.3	1.8	2.1
DIWANIYA	1.9	1.7	1.5	1.1	1.4	2.0	1.7	...	1.6
NASIRIYA	1.6	2.3	2.6	2.4	2.3	2.2	1.9	1.7	2.1
BASRAH	1.0	1.4	2.0	1.8	2.2	1.5	1.2	1.3	1.6
RUTBA	1.6	1.9	2.4	1.9	2.3	2.2	2.0	1.7	2.2
HABBANIYA	0.5	1.0	1.1	1.2	1.2	0.9	0.5	0.6	0.9

TABLE 8.

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

STATION	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
BAGHDAD	2.6	3.1	4.9	5.5	4.4	4.2	3.2	2.7	3.8
MOSUL	3.8	4.2	5.8	5.3	5.2	5.0	2.9	3.4	4.5
KIRKUK	2.6	3.4	4.1	4.0	4.3	3.5	2.2	2.7	3.4
KHANAQIN	...	4.0	4.7	...	6.1	4.4	3.4	...	4.5
HAI	3.1	4.0	4.7	4.9	5.0	4.4	3.6	3.4	4.1
DIWANIYA	2.6	3.4	3.7	4.2	3.9	3.9	3.2	...	3.6
NASIRIYA	2.9	3.9	4.7	4.7	4.8	4.7	4.1	3.2	4.1
BASRAH	3.4	4.1	4.7	5.0	5.2	4.9	3.9	3.9	4.4
RUTBA	2.3	3.7	4.4	4.0	4.2	4.2	3.1	2.4	3.5
HABBANIYA	2.5	3.3	4.3	4.3	4.2	4.0	2.7	3.0	3.5

TABLE 9. DECEMBER 1956.

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

DATE	BAGHDAD	MOSUL	KIRKUK	KHANAQIN	RUTBA	HAI	DIWANIYA	NASIRIYA	BASRA	HABBANIYA
1										
2										
3										
4		4.5	tr.	0.4						
5	0.8	2.3	11.3	3.2	tr.	tr.	tr.			1.0
6	tr.	5.6	0.3	0.3	4.9					0.1
7	1.1	5.9	0.2	1.0	tr.	0.1	0.3	1.5		0.4
8		2.3	1.6	5.4		2.7	2.0	2.0	1.3	
9		4.7	0.6					0.5	0.6	
10	tr.		5.6	1.6	0.1				2.0	
11										
12										
13										
14						tr.			2.7	
15								1.2	tr.	
16						tr.		0.9	6.3	
17						0.3	0.6	tr.	2.7	
18			tr.						tr.	
19	0.4	7.1				5.0	0.6	9.0	11.6	
20	2.3		16.8		3.0	20.0	2.3	5.4	20.0	3.7
21	tr.	9.2	11.2	77.4	0.5	1.4	tr.	1.2	24.8	
22		0.2		0.8						
23										
24										
25	tr.				tr.	0.7	0.5	0.8	1.1	
26								0.2	2.4	
27		1.1								
28		4.9								
29		0.4	tr.		0.4			tr.	0.6	
30		2.7			0.6	1.7	4.7	13.0	14.2	
31										
TOTAL	4.6	50.9	47.6	84.1	9.5	31.9	11.0	35.7	90.4	5.2

TABLE 10.

NUMBER OF CASES OF :-

STATION	RAIN	SNOW	HAIL	THUNDERSTORM	FOG	DUST	CLEAR	CLOUDY
BAGHDAD	4	0	0	0	4	0	6	2
MOSUL	13	0	0	0	3	0	3	6
KIRKUK	8	0	0	0	0	0	9	4
KHANAQIN	8	0	0	0	2	0	5	6
HAI	7	0	0	0	6	0	7	7
DIWANIYA	7	0	0	0	3	0	9	4
NASIRIYA	11	0	0	0	2	1	9	8
BASRAH	13	0	0	0	8	0	10	8
RUTBA	5	0	0	0	2	1	7	4
HABBANIYA	3	0	0	1	3	1	8	3

MONTHLY TOTAL RAINFALL AT SELECTED STATIONS.

STATION	LAT(N)	LONG(E)	HEIGHT ABOVE M.S.L. IN METERS	TOTAL RAINFALL IN MILLIMETERS
ZAKHO	37.08	42.41	442	144.5
AMADIA	37.05	43.30	1236	104.1
RAWANDUZ	36.37	44.33	1006	175.0
TEL AWAINAT	36.41	42.24	346	62.2
SINJAR	36.19	41.50	576	67.2
TELAFFAR	36.22	42.28	373	47.6
ARBIL	36.11	44.00	414	33.3
HAWIJAH	35.31	44.18	305	34.9
AUSTA SHARIF	35.33	45.27	853	83.6
PENJWIN	35.37	45.58	1311	25.6
BAKRAJO	35.34	45.23	750	102.7
HALBJAH	35.11	45.59	724	108.5
IFITIKHAR	35.03	44.27	204	44.5
CHUARTA	35.44	45.33	1356	86.2
SALAHDDIN	36.37	44.13	1088	53.1
AQRA	35.48	43.17	180	26.5
QALAT DIZA	–	–	–	153.5
CHAMCHAMAL	35.32	44.51	701	38.2
FAIJI	34.56	43.29	115	38.8
RAYAT	36.41	44.57	2610	114.5
MIRZARUSTAM	36.03	44.56	459	16.5
SHAQLAWA	36.23	44.20	–	149.0
SARSANK	36.58	43.32	1046	82.6
BINKIRD	36.03	45.03	708	130.9
AL MANSOOR	34.05	45.01	68	19.6
JALAWLAA	34.16	45.09	119	50.8
HIT	33.38	42.50	58	15.8
MANDILY	33.45	45.33	137	97.5
HINDIYA	32.42	44.17	24	1.1
KUT	32.30	45.45	19	12.3
AMARA	31.51	47.10	9	46.9
SAMAWA	31.18	45.16	6	15.2
BADA'A	31.26	46.10	9	19.0
GHABISHIYA	30.44	47.05	4.	15.9
MAQIL	30.34	47.47	2.	80.8
FAO	29.59	48.30	2	120.4
UR	30.58	46.08	4	39.6

TABLE 12. DECEMBER 1956.

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	10	0	2	3	5	1	0	8	2	8
0300	9	5	2	1	1	3	1	8	1	4
0600	9	1	4	2	0	1	3	11	0	5
0900	13	0	1	3	2	0	4	6	0	7
1200	10	1	2	3	1	1	5	8	0	7
1500	6	5	0	3	1	0	1	12	3	4
1800	10	2	2	2	3	3	0	7	2	4
2100	10	2	1	4	1	2	0	8	3	4
TOTAL	77	16	14	21	14	11	14	70	11	6

M O S U L

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	4	2	1	1	2	0	6	3	12	5
0300	3	1	2	1	3	0	7	3	11	4
0600	2	2	2	1	2	1	9	6	6	5
0900	3	4	5	0	2	2	9	6	0	8
1200	3	5	6	3	4	0	7	3	0	7
1500	2	3	3	2	3	0	6	3	9	4
1800	7	3	2	1	2	0	4	5	7	4
2100	5	4	4	0	0	1	3	2	12	4
TOTAL	29	24	25	9	18	4	51	31	57	5

K I R K U K

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	4	14	6	2	1	1	0	1	2	6
0300	2	15	3	6	3	0	1	0	1	6
0600	3	6	5	4	5	0	1	2	5	5
0900	2	0	5	5	11	3	1	2	2	5
1200	6	0	0	4	11	3	4	2	1	5
1500	7	3	4	1	6	2	3	0	5	4
1800	3	10	8	1	1	0	0	0	8	4
2100	3	13	7	1	2	1	0	0	4	4
TOTAL	30	61	38	24	40	10	10	7	28	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	8	4	2	0	1	1	15	2
0600	0	0	10	3	1	1	0	0	16	3
0900	-	-	-	-	-	-	-	-	-	-
1200	6	0	2	3	3	0	8	2	7	5
1500	2	0	1	0	3	0	12	1	12	3
1800	1	0	5	0	4	0	1	0	20	2
2100	-	-	-	-	-	-	-	-	-	-
TOTAL	9	0	26	10	13	1	22	4	70	3

SURFACE WIND - NUMBER OF OBSERVATIONS.

H A I

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	1	0	3	0	1	0	16	0	10	4
0300	1	0	2	0	1	0	14	0	13	3
0600	1	0	2	1	2	0	10	0	15	3
0900	1	0	4	1	1	0	14	0	10	5
1200	1	1	4	1	1	0	16	0	7	5
1500	0	0	5	0	3	0	10	0	13	4
1800	0	1	3	1	2	0	11	0	13	4
2100	0	0	3	0	2	0	12	0	14	4
TOTAL	5	2	26	4	13	0	103	0	95	4

D I W A N I Y A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	8	0	1	0	2	0	9	3	8	5
0300	6	0	4	0	0	1	11	1	8	4
0600	6	0	4	0	1	1	12	1	6	5
0900	6	1	4	1	1	0	11	2	5	6
1200	12	3	2	1	2	0	6	1	4	6
1500	10	0	2	1	1	0	9	1	7	4
1800	8	1	3	1	1	0	10	2	5	5
2100	-	-	-	-	-	-	-	-	-	-
TOTAL	56	5	20	4	8	2	68	11	43	5

N A S I R I Y A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	5	0	3	1	4	0	14	0	4	6
0300	3	1	3	1	5	0	15	1	2	6
0600	1	2	4	0	8	1	4	11	0	7
0900	2	0	3	3	4	2	4	13	0	8
1200	5	1	3	3	4	2	2	11	0	8
1500	4	1	5	1	2	1	3	11	3	6
1800	3	0	3	3	0	2	8	8	4	6
2100	4	0	4	3	3	0	16	0	1	6
TOTAL	27	5	28	15	30	8	66	55	14	7

B A S R A H

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	1	1	0	3	1	0	11	6	8	5
0300	4	2	0	2	1	1	8	5	8	5
0600	1	2	1	2	2	1	9	8	5	6
0900	3	1	2	1	2	2	11	4	5	7
1200	3	2	2	2	1	2	9	5	5	6
1500	0	4	2	3	0	1	9	7	5	5
1800	2	0	2	3	0	0	10	9	5	5
2100	2	1	2	3	0	0	6	11	6	4
TOTAL	16	13	11	19	7	7	73	55	47	5

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	2	4	6	1	3	1	13	3
0300	1	0	1	3	4	4	1	1	16	2
0600	0	2	0	3	7	7	2	0	10	4
0900	0	2	4	1	6	4	7	0	7	5
1200	5	0	2	3	8	3	5	1	4	7
1500	4	2	5	4	7	2	4	1	2	6
1800	4	2	6	2	4	2	2	1	8	4
2100	1	0	4	3	6	3	0	1	13	3
TOTAL	16	8	24	23	48	26	24	6	73	4

H A B B A N I Y A

HOURS	N	NE	E	SE	S	SW	W	NW	C	V.K.
0000	2	0	1	4	1	0	6	7	10	5
0300	0	1	0	1	4	0	11	5	9	4
0600	0	3	0	1	1	1	8	10	7	5
0900	1	2	0	2	2	1	9	12	2	7
1200	6	0	1	1	3	1	5	12	2	7
1500	4	0	4	0	1	1	3	9	9	3
1800	1	1	3	3	1	1	4	3	14	4
2100	0	1	2	4	1	2	11	0	10	4
TOTAL	14	8	11	16	14	7	57	58	63	5

TABLE 13.

NUMBER OF CASES WITH SELECTED WIND - FORCE FOR (ALL OBSERVATIONS).

WIND FORCE	BAGH-DAD	MOSUL	KIR-KUK	KHANA-QIN	HAI	DIWA-NIYA	NASI-RIYA	BASRA	RUTBA	HABB-ANIYA
1-10	224	155	198	78	131	156	198	165	159	155
11-21	13	33	22	6	22	18	36	36	16	30
22-33	0	3	0	1	0	0	0	0	0	0
≥ 34	0	0	0	0	0	0	0	0	0	0

REMARKS: - 1- ALL TIMES ARE G.M.T.
2- C - MEANS CALM.

V.K.-MEAN WIND VELOCITY IN KNOTS.

TABLE 14.

BAGHDAD AIRPORT

Month December

Year 1956.

Frequency Of Horizontal Visibility

T I M E - G.M.T.

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	TOTAL
0 -200M		1		1	1	2	2																		7
>200 -500M			1		1	1	1	1																	5
>500 -1000M						2	1	2				1	1												7
>1000 -1500M			2			1	3	1				1/1					1					1			10
>1500 -3000M		1	1	2	5	3	2	3	2					1/1	1/1	1	2	3	3		2		1	1	34
>3 -5KM	2			1	5	5	2	1	2	1	1		1/1		1	1/3	6	5	2	3	1		1		41
>5 -10KM	2	2	1	3	5	6	4		1/3	1/4	1/2			1	7	21	13	8	5	4	2	4	2	2	101
>10 -15KM	6	7	11	12	11	7	6	8	6	7	7	5	1	2	11	3	5	13	8	10	7	5	6	8	
>15KM	21	20	15	12	3	4	10	15	18	19	21	24	28	277	11	3	4	4	13	14	19	21	21	20	367
TOTAL	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	744

NOTE

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

Frequency Of Different Heights
Of Cloud-Base (Amount 5-8 Oktas)

T I M E - G.M.T.

Height	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	TOTAL
0 -50M																									
>50 -150M																									
>150 -300M			1	1	1																				3
>300 -500M														1	1		1	1							4
>500 -900M	1	1		1	1	2	1	1	1	1	1					1			1	1	1	1	1	1	18
>900M	2	9	11	10	12	15	15	19	20	19	18	20	17	13	12	14	13	12	12	12	10	8	8	9	310

TABLE 14-CONTINUED.

Month December
Year 1956.

BASRAH AIRPORT

Frequency Of Horizontal Visibility

T I M E - G.M.T.

Visibility	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	TOTAL
0 -200M		1	1	2	3	3	2	1														1	1	1	16
> 200 -500M					1																				1
> 500 -1000M	1					1			1			1	1												5
> 1000 -1500M			2	1	1	1	1	1	1/1					1	1										10
> 1500 -3000M	3	1			3	5	2	2	2	1/4	1/2	1	1/1	1/1	1/2	1		1	1	1	1	1	2	2	39
> 3 -5KM	1	4	2	2	2		2	1/1			2	2	2	2	1	2				1		2	2	2	32
> 5 -10KM	2	2	4	3	4	5	5	3	4	3	5	1/3	2	2	3	4	4	3	3	2	2	2	3	2	75
> 10 -15KM	4	5	4	7	5	6	6	7	3	4	2	2	4	4	6	6	6	5	7	5	8	6	3	4	119
> 15	20	18	18	16	12	10	13	16	20	20	20	22	21	21	18	18	21	22	20	22	20	19	20	20	447
TOTAL	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	744

NOTE

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

Frequency of Different Heights
Of Cloud-Base (Amount 5-8 Oktas)

T I M E - G.M.T.

Height	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	TOTAL
0 -50M					1	1	2	1	1																6
> 50 -150M	1	2	3	2	1	1		1	1	3	2	2	4	1	2	2	2	1	3	1	2	3	2	3	45
> 150 -300M	1	1	1	1	2	2	3	2				1	1	1	1	2		1							21
> 300 -500M	1									1	2	1	1	2			2	2	1	1	1			1	16
> 500 -900M		1	1	1	1				2	2			2	2	1		1	2	1		1		1		19
> 900	9	11	8	14	15	15	14	14	14	13	14	16	12	16	17	16	14	12	10	13	9	12	11	8	307

TABLE 15.

Month December
Year 1956 .

BAGHDAD AIRPORT
Simultaneous Occurrences Of
Specified Visibility Ranges and Specified Lowest
Cloud Base (≥ 5 Oktas)

HEIGHT METERS	VISIBILITY 0-200M			>200-500M			> 0.5-1KM			> 1-1.5KM			>1.5-3KM			>3-5KM			> 5-10KM			>10-15KM			> 15KM			TOTAL		
0-50																														
>50-150																														
>150-300																							1						1	
																								1						1
>300-500																														
>500-900																	1		1									1	1	
																								1	1			1		1
																		1		1	2	1		2			1	1	1	6
<5/8 OR*		1	2			1			1			3		2	2	2		2	1	3	4	6	11	6	21	12	10	30	29	31
> 900								1							1	1	1	3	4		21	7	1	2	18	28	3	30	31	30
AND ≥ 5/8			3			1			2		1	4	3		8	2		11	5	3	41	7	5	45	13	21	126	30	30	241
TOTAL		1	2			1			1			3		2	2	2	1	2	2	3	4	6	12	6	21	12	10	31	31	31
								1							1	1	1	3	4		21	7	1	3	19	28	3	31	31	31
			3			1			2		1	4	3		8	2		12	5	4	43	8	5	48	13	21	127	31	31	248

NOTE

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

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

To=Total for all hours

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

Table 15-Continued.

Month December
Year 1956.

BASRAH AIRPORT

Simultaneous Occurrences Of Specified Visibility Ranges and Specified Lowest Cloud Base ($\geq$ 5 Oktas)

HEIGHT METERS	VISIBILITY 0-200M			200-500M			0.5-1KM			1-1.5KM			1.5-3KM			3-5KM			5-10KM			10-15KM			15KM			TOTAL		
0-50			2																											2
			2																											2
>50-150											1		1										1					1	2	
								1					2		1		2		1	1	1							3	4	2
		1	1						1			1			4		1	3	1		4	2	1	4				3	3	18
>150-300																					1	1	1	2				1	1	3
																					1			1		1			1	2
																					2			5			1			8
>300-500																									1			1		
													1													1		1	1	
															1										1		3	1		4
>500-900																							1						1	
																				1			1		2			2	2	
																					1			2	1		3	1		6
< 5/8 OR *		2					1					1	2		2	1	2	2	2	3	4	3	4	4	19	16	13	28	27	26
> 900													1	1				2	2		2	4	3	5	18	19	18	25	23	27
AND $\geq$ 5/8			2						1			1	1	1	8		1	8	2	2	17	5	5	33	19	19	140	25	28	210
TOTAL		2	2				1				1	1	3		2	1	2	2	2	3	5	4	7	6	20	16	13	31	31	31
								1					4	1	1		2	2	3	2	4	4	4	6	20	21	18	31	31	31
		1	5						2			2	1	1	13		2	11	3	2	24	7	6	44	20	19	147	31	31	248

Note

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

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

To=Total for all hours

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

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