SYMBOLS AND COMPUTATION OF MEANS

1. ABBREVIATIONS:

H=Height above M. S. L.

h_t=Height of the thermometers above ground.

h_r=Height of the rim of the raingauge above ground.

C_h=Mean reduction of the barometric reading to sea-level for the year.

2. VALUES IN BRACKETS indicate figures based on incomplete observations.

Extreme values underlined.

— = No rainfall.

3. MEANS:

Pressure: $\frac{8h + 14h + 20h}{3}$

Temperature: Observations at 8h and 14h: $\frac{\text{Maximum} + \text{Minimum}}{2}$

" at 8h, 14h & 20h: $\frac{8 + 14 + 20 + \text{Min.}}{4}$

" at 7h, 14h & 21h: $\frac{7 + 14 + 21 + 21}{4}$

Relative Humidity: $\frac{8 + 20}{2}$

Vapour pressure: $\frac{8 + 14 + 20}{3}$

Wind force: Observations at 8h, 14h & 20h: $\frac{8 + 14 + 20}{3}$

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TEMPERATURE AND MEAN RELATIVE HUMIDITY, 1930-1938

Station	Year	Temperatures (centigrade)					Relative humidity Mean* %
		Mean	Mean maximum	Mean minimum	Absolute maximum	Absolute minimum	
ACRE	1930	19.9	25.4	14.6	40.1	4.0	76
	1931	20.0	25.2	14.6	43.9	2.0	—
	1932	19.4	24.6	14.6	38.3	1.9	71
	1933	19.2	24.7	14.8	42.0	1.6	62
	1934	19.3	25.1	13.3	36.0	1.4	—
	1935	19.3	25.8	14.1	42.5	4.7	—
	1936	20.0	25.9	14.3	41.9	4.8	—
	1937	20.4	25.8	15.0	40.0	1.5	69
	1938	(19.2)	24.9	13.8	36.5	3.0	70
HAIFA	1930	21.9	27.0	16.9	41.2	5.5	—
	1931	21.8	26.5	17.1	41.5	4.1	64
	1932	20.8	25.6	15.9	35.0	2.7	71
	1933	20.7	25.8	15.6	37.7	3.4	64
	1934	21.7	26.8	16.7	41.7	4.6	68
	1935	21.8	26.5	17.1	43.7	7.2	68
	1936	21.6	26.0	17.2	41.2	5.2	74
	1937	21.8	26.4	17.3	40.2	3.2	70
	1938	20.7	25.0	16.6	36.9	(3.8)	62
BEISAN	1930	22.4	30.2	14.7	43.6	0.9	66
	1931	22.4	33.0	16.2	48.0	1.5	—
	1932	22.2	30.3	14.0	44.0	0.5	60
	1933	21.6	29.6	13.6	45.0	0.6	58
	1934	22.5	30.2	14.9	45.0	0.5	59
	1935	22.5	30.1	14.8	45.0	3.0	64
	1936	22.7	30.4	15.0	42.5	1.5	63
	1937	22.2	29.8	14.7	41.1	0.0	—
	1938	—	—	—	—	—	—

* See note on page 2.

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September 14, 1999

TEMPERATURE AND MEAN RELATIVE HUMIDITY 1930-1938 (Concluded)

Station	Year	Temperatures (centigrade)					Relative humidity %
		Mean	Mean maximum	Mean minimum	Absolute maximum	Absolute minimum	Mean*
Jenin	1930	20.4	28.5	13.8	41.7	4.6	—
	1931	19.5	27.7	12.5	41.7	1.0	—
	1932	18.4	27.6	13.9	42.1	0.6	—
	1933	19.1	27.7	13.9	43.1	1.7	—
	1934	20.6	31.0	14.8	42.0	1.6	—
	1935	20.0	28.5	15.0	43.4	4.8	—
	1936	20.1	28.5	14.7	40.5	3.1	—
	1937	—	—	—	—	—	—
	1938	19.6	27.4	14.3	40.3	2.7	58
Tel Aviv	1930	20.6	25.1	15.5	40.0	5.6	72
	1931	20.2	24.7	15.0	36.0	3.2	70
	1932	19.8	24.0	14.9	34.8	3.2	68
	1933	19.7	23.8	15.1	37.6	3.8	71
	1934	20.2	24.4	15.8	36.5	4.0	77
	1935	20.6	26.1	15.9	45.8	6.7	75
	1936	20.6	26.3	16.0	38.0	6.0	73
	1937	20.7	26.3	16.2	40.5	3.0	75
	1938	19.9	25.2	15.5	35.2	5.3	77
Jericho	1930	23.5	31.0	17.6	45.0	6.3	55
	1931	23.3	31.0	17.3	47.0	3.0	52
	1932	23.1	30.9	17.0	44.2	2.6	48
	1933	22.5	30.2	16.4	47.0	2.2	53
	1934	23.3	30.7	17.2	45.6	2.5	56
	1935	20.6	26.1	15.9	45.8	6.7	55
	1936	23.6	31.3	17.4	43.2	3.3	53
	1937	23.5	31.4	17.2	42.5	1.5	55
	1938	—	—	—	—	—	—
Jerusalem	1930	17.8	23.5	12.0	39.4	2.1	64
	1931	17.7	23.8	11.7	39.4	1.0	56
	1932	17.7	23.7	11.7	41.5	2.7	53
	1933	17.6	23.9	11.0	40.0	3.0	56
	1934	17.3	23.1	11.5	41.0	0.5	56
	1935	18.2	23.9	12.6	37.3	1.1	—
	1936	18.0	23.3	12.7	36.3	1.0	66
	1937	17.3	23.3	13.0	36.1	—0.7	64
	1938	(16.1)	(21.8)	(11.9)	35.4	—0.8	(70)
Beit Gamal	1930	19.6	27.2	15.4	40.6	6.3	68
	1931	19.3	27.3	14.7	43.6	4.2	67
	1932	19.4	26.7	14.5	41.0	0.4	64
	1933	18.8	25.7	14.4	44.9	3.5	69
	1934	19.1	25.8	14.7	41.0	2.3	68
	1935	19.5	26.1	15.3	42.5	6.0	69
	1936	19.8	26.1	15.8	39.8	3.7	65
	1937	19.8	26.2	15.3	39.0	1.5	63
	1938	18.7	24.8	14.2	37.7	2.6	68
Gaza	1930	20.3	25.6	15.1	40.7	4.6	69
	1931	20.2	25.6	14.8	36.9	2.6	69
	1932	—	—	14.0	34.9	2.3	73
	1933	19.3	25.1	13.6	44.2	2.3	71
	1934	—	—	13.9	40.2	1.4	74
	1935	—	—	14.3	41.2	4.5	80
	1936	20.9	27.1	14.7	41.1	2.0	78
	1937	21.4	27.8	14.9	40.5	0.9	75
	1938	—	—	14.1	—	3.1	80
Beersheba	1930	20.5	29.6	11.5	42.5	0.5	—
	1931	21.1	29.9	12.0	43.8	0.9	—
	1932	20.1	29.0	11.2	40.5	0.8	—
	1933	19.3	26.9	11.3	46.0	0.3	64
	1934	19.9	27.7	11.8	41.7	0.2	63
	1935	—	28.7	—	44.7	—	—
	1936	—	28.8	—	41.1	—	60
	1937	—	28.6	—	40.8	—	66
	1938	—	—	—	—	—	—

*1930-1936. The relative humidity at Jerusalem, Haifa, Beersheba, Gaza and Beisan is that recorded at 8h.
1937. The relative humidity at Haifa, Acre, Beersheba, Gaza and Beisan is that recorded at 8h.
1938. The relative humidity at Acre and Gaza is that recorded at 8h.

METEOROLOGICAL OBSERVATIONS

STATION : ACRE — φ : 32° 56' N. — H_b : — ms. — h_r : 1.0 ms.

H_s : 18.7 ms.

YEAR : 1938 — λ : 35° 05' E. — h_t : 1.6 ms. — h_a : 5.4 ms.

	Barometer corrected to 0°C and Mean Gravity mbs.				Extreme Temperatures °C								Dry Bulb Temperature C°				Relative Humidity %				Evaporation mms.	Rainfall mms					Wind Force Beaufort Scale				Cloud Amount in Tenths				Sunshine
	8h	14h	20h	Mean	Absol. Max.	Date	Absol. Min.	Date	Mean Max.	Mean Min.	Range of Mean Extremes	Grass Min.	8h	14h	20h	Mean	8h	14h	20h	Mean		Total	Max. one day	Date	Days with mms. ≥ 0.1	Days with mms. ≥ 1.0	8h	14h	20h	Mean	8h	14h	20h	Mean	Hours
																						mms.	mms.												
1938																																			
January					21.4	1	7.0	12, 15	18.6	8.6	10.0		12.8	16.8	13.3	12.9	81	68	83	82	4.2	249.5	37.0	30	16	16	1.6	1.5	1.0	1.4	6.2	6.6	7.1	6.6	4.6
February					22.3	5	3.0	28	18.1	7.0	11.1		12.1	16.1		12.6*	80	70			4.6	146.0	41.4	7	11	10	1.2	2.2			5.8	5.8			6.8
March					24.8	28	3.0	1	19.0	7.7	11.3		13.5	17.3		13.4*	69	56			4.0	68.2	32.6	15	6	5	0.9	1.6			5.4	5.0			7.4
April					35.7	21	6.6	2	24.2	11.7	12.5		19.3	21.8		17.9*	62	58			5.2	Drops					1.3	1.9			5.3	4.4			8.5
May					33.6	20	9.5	6	25.6	13.4	12.2		22.2	23.7		19.5*	64	62			3.9	24.9	22.5	3	2	2	0.9	1.5			2.5	2.7			10.7
June					29.3	29	13.6	4	27.9	17.4	10.5		25.3	27.0		22.6*	71	68			3.9						1.3	1.8			3.5	3.0			9.9
July					31.8	26	17.5	28	30.3	20.8	9.5		27.7	29.5		25.6*	71	67			3.9						1.0	1.8			3.0	2.8			11.8
August					33.0	14, 15	17.4	6	32.0	21.9	10.1		29.3	30.9	27.6	27.5	67	64	75	71	4.9						1.0	1.6	1.1	1.2	4.1	3.5	2.6	3.4	11.3
September					32.2	3, 8	13.0	30	30.6	19.4	11.2		27.0	29.3	25.3	25.2	66	59	72	69	5.2	2.1	1.5	28	2	1	0.3	1.3	0.6	0.8	3.8	2.1	2.1	2.7	10.1
October					36.5	31	11.7	26	29.5	15.9	13.6		24.7	28.2	22.9	22.9	53	55	46	50	6.6	0.5	0.5	15	1		1.1	1.6	0.6	1.1	3.0	2.7	1.9	2.5	9.1
November					32.9	2	8.6	12	23.0	11.8	11.2		17.0	21.9	16.7	16.8	70	62	76	73	4.8	172.6	53.0	9	9	9	1.2	1.2	0.8	1.0	4.4	4.0	2.5	3.6	6.5
December					24.5	3	5.7	16	20.5	10.0	10.5		13.5	19.0	13.7	14.0	87	70	89	88	3.8	80.2	21.0	31	12	10	2.6	2.1	1.3	2.0	6.6	6.6	4.0	5.7	5.2
Year									24.9	13.8	11.1		20.4	23.5			70	63			4.6	744.0			59	53	1.2	1.7			4.5	4.1			8.5

* Mean $= \frac{\text{Max.} + \text{Min.}}{2}$

	WIND DIRECTIONS																																NUMBER OF DAYS WITH:									
	8h									14h									20h									Total								Rainfall			Dew	Snow	Hail	Lightning	Thunder-storm	Gale	Dust or Sandstorm	Fog or Mist
	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	mms. ≥ 10.0	mms. ≥ 25.0	mms. ≥ 50.0								
1938																																													
January	0.5	1.5	11.0	8.5			1.0	3.5	5.0	1.5	1.0	6.0	6.0	2.5	3.0	1.0	4.0	6.0	1.5	0.5	5.0	6.0	1.0	1.5		0.5	15.0	3.5	3.0	22.0	20.5	3.5	4.5	2.0	8.0	26.0	12	2				2				
February	3.0	4.0	6.0	5.0	1.0	2.0		2.0	5.0	4.0	2.5	2.0	3.5	1.5	5.5	2.0	6.0	1.0																	6	2				3				
March		3.0	9.0	9.0		1.5	1.5	1.0	6.0	3.5	2.0	3.0	3.0	1.5	3.5	5.5	8.0	1.0																	3	1		9							2
April	1.5	3.0	5.5	4.5	2.0	1.5		2.0	10.0	9.5	1.5	2.5	3.5	0.5	2.0	3.5	7.0																					11			1		1	1
May	0.5	0.5	0.5			3.5	8.5	8.5	9.0	3.0	0.5				3.5	6.0	16.0	2.0																	1			10							3
June	2.5		0.5	1.5	3.0	10.0	9.5	2.0	1.0	2.5					5.0	11.5	11.0																					14							1
July	5.5			1.0	4.0	9.5	3.5	4.5	3.0	2.5					4.5	12.5	11.5																					3							
August	4.0	2.5	2.0	1.0	1.0	10.0	4.5	4.0	2.0	3.0					3.0	14.0	11.0		16.0	1.0					14.0			23.0	3.5	2.0	1.0	1.0	13.0	18.5	29.0	2.0				2				
September	1.0	4.0	2.0	3.0		0.5	1.0	0.5	18.0	4.5		0.5	0.5		4.0	4.5	15.0	1.0	7.5				0.5	1.5	9.5	11.0		13.0	4.0	2.5	3.5		5.0	7.0	25.0	30.0				5				
October	1.0		1.5	8.0	4.0	0.5	0.5	3.5	12.0	3.0		0.5	2.5		3.5	9.0	12.5		4.5		0.5	1.5		1.0	0.5	6.0	17.0	8.5		2.5	12.0	4.0	5.0	10.0	22.0	29.0				4		1	1		3	
November	6.0	0.5	1.5	6.5	5.5	2.0		2.0	6.0	3.5	0.5	2.0	5.0	4.0	3.5	3.0	5.5	3.0	6.0	1.0		5.0		1.5	1.0	3.5	12.0	15.5	2.0	3.5	16.5	9.5	7.0	4.0	11.0	21.0	5	2	1	8		1		5		1
December	2.5	0.5	0.5	15.5	7.0	0.5	0.5	3.0	1.0	2.5	0.5	0.5	8.5	6.5	5.0	1.5	3.0	3.0		0.5	1.0	7.0	2.5	3.0	1.5	5.5	10.0	5.0	1.5	2.0	31.0	16.0	8.5	3.5	11.5	14.0	3			6				3	1	2	5
Year	128.0	19.5	40.0	63.5	27.5	41.5	30.5	36.5	78.0	43.0	8.5	17.0	32.5	16.5	46.0	74.0	110.5	17.0																			30	7	1	72		6	1	10	1	6	13

METEOROLOGICAL OBSERVATIONS

STATION : HAIFA — φ : 32° 49' N. — H_b : 15.8 ms. — h_r : 1.0 ms. — H_s : 10 ms.

YEAR : 1938 — λ : 34° 59' E. — h_t : 1.5 ms. — h_a : 3.0 ms.

	Barometer corrected To 0°C and Mean Gravity mbs.				Extreme Temperatures °C								Dry Bulb Temperature C°				Relative Humidity %				Evaporation mms.	Rainfall mms					Wind Force Beaufort Scale				Cloud Amount in Tenths				Sunshine
					Absol. Max.	Date	Absol. Min.	Date	Mean Max.	Mean Min.	Range of Mean Extremes	Grass Min.										Total	Max. one day	Date	Days with mms. 0.1	Days with mms. 1.0									
	8h	14h	20h	Mean									8h	14h	20h	Mean	8h	14h	20h	Mean		mms.	mms.												Hours
1938																																			
January	1013.9	1012.4	1013.4	1013.2	22.8	13	6.6	26	18.6	10.3	8.3		14.2	17.1	14.8	14.1	65	58	63	64	3.7	235.3	39.2	26	19	18	1.5	1.5	1.2	1.4	5.6	5.1	3.4	4.7	
February	1015.9	1013.9	1014.9	1014.9	22.5	5	(3.8)	10	18.6	(9.2)	(9.4)		13.5	17.0	14.2	13.5	55	46	61	58	5.2	120.3	58.3	7	9	9	1.4	1.6	1.4	1.5	2.8	4.4	3.3	3.5	
March	1014.9	1013.9	1014.7	1014.5	23.6	28	5.3	1	19.0	10.2	8.8		15.3	18.1	15.4	14.8	59	49	57	58	4.7	53.6	21.4	1	9	6	1.4	1.3	1.1	1.3	5.1	4.2	2.2	3.8	
April	1011.9	1011.3	1011.7	1011.6	36.9	22	7.9	14	24.5	13.9	10.6		20.1	22.6	19.1	18.9	60	52	65	62	5.3	14.2	7.6	14	5	4	1.5	1.4	0.6	1.2	4.4	3.6	1.6	3.2	
May	1012.7	1011.5	1011.5	1011.9	34.4	21	13.2	1	25.4	17.4	8.0		22.6	24.3	21.3	21.4	59	54	68	64	5.4	20.7	18.4	2	3	2	1.3	1.6	1.0	1.3	3.4	3.1	2.8	3.1	(11.6)
June	1008.4	1007.9	1008.7	1008.3	31.4	22	19.2	2	28.3	20.6	7.7		26.7	27.7	24.8	25.0	60	59	73	66	5.1						1.4	2.1	1.0	1.5	2.6	2.2	2.9	2.6	12.1
July	1005.2	1004.8	1006.0	1005.3	32.4	27	21.1	4, 5	30.6	24.0	6.6		29.1	30.2	27.2	27.6	62	59	71	66	5.6						1.2	2.1	0.8	1.3	3.2	2.8	1.6	2.5	12.6
August	1005.4	1005.3	1005.3	1005.3	34.3	15	24.0	15	31.9	25.6	6.3		29.8	31.2	28.9	28.8	62	58	67	64	6.6						1.3	1.8	0.8	1.3	3.4	2.3	1.8	2.5	11.5
September	1010.0	1009.2	1009.8	1009.7	32.6	12	16.5	28	30.2	23.3	6.9		28.0	29.7	26.9	27.0	55	50	63	59	6.9	16.7	16.7	27	1	1	1.2	1.5	0.9	1.2	3.4	2.4	1.3	2.4	10.3
October	1013.6	1012.2	1012.8	1012.9	35.4	31	15.0	26	28.9	19.3	9.6		25.2	27.5	23.9	24.1	48	47	61	55	6.0						1.1	1.5	0.8	1.1	2.7	2.0	1.9	2.2	8.9
November	1014.6	1014.3	1014.9	1014.6	30.7	2	11.4	10	23.6	14.2	9.4		17.7	21.8	18.7	18.1	60	56	65	63	3.4	192.1	69.0	18	8	8	0.8	0.7	0.4	0.6	(3.6)				
December	1014.6	1013.5	1015.0	1014.4	24.6	3	8.2	31	20.2	11.6	8.6		14.9	19.2	15.5	15.3	66	55	67	66	2.8	126.2	45.4	8	10	10	1.5	1.2	0.7	1.1	4.3	5.0	2.0	3.7	
Year	1011.8	1010.8	1011.6	1011.4					25.0	16.6	8.4		21.4	23.9	20.9	20.7	59	54	65	62	5.1	779.1			64	58	1.3	1.5	0.9	1.2	3.7				

WIND DIRECTIONS

	8h									14h									20h									Total								
	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm
1938																																			
January	0.5	0.5	6.5	3.0	3.0	6.0	7.5	3.0	1.0	0.5	0.5	6.5	1.5	2.0	6.5	9.0	3.5	1.0			3.5	2.5	1.5	5.5	10.5	4.5	3.0	1.0	1.0	16.5	7.0	6.5	18.0	27.0	11.0	5.0
February			9.0	4.0		1.0	5.5	4.5	4.0			7.5	4.5	0.5	1.5	6.5	5.5	1.0			3.5	2.0	1.0	3.0	6.5	4.0	7.0			20.0	10.5	1.5	5.5	18.5	14.0	12.0
March			7.0	3.0	1.0	2.5	7.5	6.0	4.0			6.0	2.5	0.5	3.5	9.0	5.5	4.0		0.5	5.0	2.5	1.5	3.0	9.5	7.0	2.0		0.5	18.0	8.0	3.0	9.0	26.0	18.5	10.0
April		2.0	11.5	3.5		2.0	5.0	3.0	3.0	1.0	0.5	4.5	1.0		6.5	11.5	5.0			0.5	2.0	0.5		2.0	6.0	4.0	15.0	1.0	3.0	18.0	5.0		10.5	22.5	12.0	18.0
May		1.5	3.0	2.0		5.5	12.5	5.5	1.0	1.0	1.0	1.0			8.5	13.5	5.0	1.0		0.5	0.5			3.5	12.5	9.0	5.0	1.0	3.0	4.5	2.0		17.5	38.5	19.5	7.0
June			1.0	1.0	1.5	5.0	13.5	7.0	1.0						7.0	15.0	8.0		2.0					2.5	13.0	10.5	2.0	2.0		1.0	1.0	1.5	14.5	41.5	25.5	3.0
July		0.5	1.5	1.0		2.0	14.0	12.0		1.0					1.0	16.0	13.0		1.0						11.5	10.5	8.0	2.0	0.5	1.5	1.0		3.0	41.5	35.5	8.0
August	2.0		0.5	0.5		1.0	15.0	8.0	4.0						1.0	20.0	10.0		3.0						12.0	8.0	8.0	5.0		0.5	0.5		2.0	47.0	26.0	12.0
September			3.5	2.5			13.0	10.0	1.0	1.0						18.5	10.5		1.0		0.5	0.5			10.5	10.5	7.0	2.0	1.5	4.0	3.0			42.0	31.0	8.0
October		1.0	9.5	1.5			8.0	7.0	4.0	2.0		4.5	1.5			11.5	10.5	1.0	1.0	0.5	3.5	1.0		0.5	8.5	7.0	9.0	3.0		17.5	4.0		0.5	28.0	24.5	14.0
November			1.0	1.0	2.5	2.5	5.0	3.0	13.0			1.0	1.0	0.5	0.5	7.5	4.5	14.0			0.5	0.5			4.0	3.0	21.0		0.5	2.5	2.5	3.0	3.0	16.5	10.5	48.0
December			5.0	5.0			12.0	7.0	2.0		0.5	4.0	3.5			13.5	6.5	3.0			3.0	3.0			6.5	4.5	14.0			12.0	11.5			32.0	18.0	19.0
Year	2.5	5.5	59.0	28.0	8.0	27.5	118.5	76.0	38.0	6.5	2.5	35.0	15.5	3.5	36.0	151.5	87.5	25.0	8.0	2.0	22.0	12.5	4.0	20.0	111.0	82.5	101.0	17.0	10.0	116.0	56.0	15.5	83.5	381.0	246.0	164.0

NUMBER OF DAYS WITH:

	Rainfall			Dew	Snow	Hail	Lightning	Thunder-storm	Gale	Dust or Sandstorm	Fog or Mist
	mms. ≥ 10.0	mms. ≥ 25.0	mms. ≥ 50.0								
1938											
January	10	2					1	2		2	
February	3	1	1	3			1	1			1
March	2			1			3				1
April				11				2			1
May	1			17						1	6
June				25							5
July				18							1
August				19							
September	1			22							
October				19			1	1			
November	6	3	1								
December	5	1									
Year	28	7	2								

METEOROLOGICAL OBSERVATIONS

STATION : BEISAN φ : 32° 30' N. H_b : — ms. h_r : 1.0 ms.

H_s : — 118 ms.

YEAR : 1938 λ : 35° 30' E. h_t : 1.5 ms. h_a : 5.5 ms.

	Barometer correeted To O°C and Mean Gravity mbs.				Extreme Temperatures °C								Dry Bulb Temperature C°				Relative Humidity %				Evaporation mms.	Rainfall mms.					Wind Force Beaufort Scale				Cloud Amount in Tenths				Sunshine
	8h	14h	20h	Mean	Absol. Max.	Date	Absol. Min.	Date	Mean Max.	Mean Min.	Range of Mean Extremes	Grass Min.	8h	14h	20h	Mean	8h	14h	20h	Mean		Total	Max one day	Date	Days with ≥ 0.1	Days with ≥ 1.0	8h	14h	20h	Mean	8h	14h	20h	Mean	Hours
																						mms.	mms.		mms.	mms.								
1938																																		
January					21.5	21	4.3	29	18.2	8.8	9.4		11.8	17.0	12.6	12.6	78	70	85	82	2.4	108.0	22.0	26	15	15					5.0	5.4	4.8	5.1	4.1
February					24.0	16	2.5	11	18.9	7.1	11.8		11.5	17.5	12.4	12.1	80	70	88	84	3.5	59.0	19.0	2	7	7					3.9	4.1	3.5	3.8	6.1
March					27.0	23	2.2	8	20.2	7.8	12.4		13.3	18.6	13.3	13.2	82	71	88	85	3.2	65.0	22.5	15	8	8					4.5	4.3	3.8	4.2	7.6
April					38.0	22	4.5	2	28.5	12.3	16.2		19.7	27.0	19.5	19.6	54	40	61	58	5.9										2.2	2.5	1.2	2.0	8.7
May					39.4	21	10.6	6	31.4	15.3	16.1		22.1	30.6	23.8	23.0	63	42	68	66	7.6	21.0	21.0	2	1	1					2.3	2.1	1.3	1.9	9.6
June					38.8	26	15.5	11	33.5	18.3	15.2		24.6	33.2	26.3	25.6	74	41	65	70	9.1						0.7	2.5	2.2	1.8	1.4	0.3	0.1	0.6	
July					(38.6)	26	(19.1)	5	(36.1)	(21.6)	(14.5)		(27.5)	(35.8)	(29.5)	(28.6)					9.4						0.7	2.2	2.1	1.7	2.2	0.5	0.3	1.0	
August																																		
September																																		
October																																		
November																																		
December																																		
Year																																		

WIND DIRECTIONS

	8h									14h									20h									Total								
	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm
1938																																			
January		2.5	8.0	5.0	8.5		2.0	1.0	4.0	0.5	2.5	5.5	4.5	12.0	0.5		0.5	5.0	0.5	4.5	6.0	5.5	5.5		1.5	1.5	6.0	1.0	9.5	19.5	15.0	26.0	0.5	3.5	3.0	15.0
February	2.5	4.0	4.5	2.5	3.5		2.5	2.5	6.0		1.5	4.5	3.0	8.5	1.5	2.5	2.5	4.0	0.5	2.5	5.0	2.5	4.0	1.5	3.5	2.5	6.0	3.0	8.0	14.0	8.0	16.0	3.0	8.5	7.5	16.0
March	2.0	1.5	3.5	2.0	4.5	0.5	4.5	1.5	11.0	0.5	1.5	4.0	1.5	5.5	1.5	7.0	3.5	6.0	0.5	1.5	3.5			0.5	12.0	3.0	10.0	3.0	4.5	11.0	3.5	10.0	2.5	23.5	8.0	27.0
April	2.0	5.5	7.0	1.5	1.5		1.5	2.0	9.0		3.0	6.0	1.5	0.5		9.0	5.0	5.0	2.0	1.0	2.0	1.0	1.0		13.5	4.5	4.0	4.0	9.5	15.0	4.0	3.0		24.0	11.5	18.0
May	1.5	3.5	9.0	2.0	2.5	0.5	2.0	1.0	9.0	1.5	1.0	3.5		0.5	0.5	12.0	6.0	6.0	10.5	0.5		0.5	0.5	0.5	13.0	4.5	1.0	13.5	5.0	12.5	2.5	3.5	1.5	27.0	11.5	16.0
June	2.5	0.5	9.0	1.0	2.0	0.5	1.0	1.5	12.0	5.0				0.5	0.5	12.0	12.0		4.0				1.0		12.0	13.0		11.5	0.5	9.0	1.0	3.5	1.0	25.0	26.5	12.0
July	4.5	1.0	22.0	1.0			1.0	1.5		1.0	1.0			0.5	1.5	3.0	24.0		4.5		1.0		1.0	2.0	5.0	17.5		10.0	2.0	23.0	1.0	1.5	3.5	9.0	43.0	
August																																			
September																																			
October																																			
November																																			
December																																			
Year																																			

NUMBER OF DAYS WITH:

	Rainfall																								
	mms. ≥ 10.0	mms. ≥ 25.0	mms. ≥ 50.0	Dew	Snow	Hail	Lightning	Thunder-storm	Gale	Dust or Sandstorm	Fog or Mist														
1938																									
January	3			6				2																	
February	2					1		2																	
March	3			9			1				1														
April				13																					
May	1			12				1		1															
June				7																					
July																									
August																									
September																									
October																									
November																									
December																									
Year																									

METEOROLOGICAL OBSERVATIONS

STATION : JENIN — φ : 32° 27' N. — H_b : — ms. — h_r : 1.0 ms.

H_s : 160 ms.

YEAR : 1938 — λ : 35° 18' E. — h_t : 1.5 ms. — h_a : — ms.

	Barometer corrected to 0°C and Mean Gravity mbs.				Extreme Temperatures °C							Dry Bulb Temperature C°				Relative Humidity %				Evaporation mms.	Rainfall mms.					Wind Force Beaufort Scale				Cloud Amount in Tenths				Sunshine
	8h	14h	20h	Mean	Absol. Max.	Date	Absol. Min.	Date	Mean Max.	Mean Min.	Range of Mean Extremes	Grass Min.	8h	14h	20h	Mean	8h	14h	20h	Mean		Total	Max. one day	Date	Days with ≥ 0.1	Days with ≥ 1.0	8h	14h	20h	Mean	8h	14h	20h	Mean	Hours
																						mms.	mms.		mms.	mms.								
1938																																		
January					23.1	1	4.6	29	17.9	8.4	9.5		11.1	16.8	10.2	11.6	60	48	58	59	3.0	160.4	30.6	26	19	17	1.6	2.6	2.8	2.3	5.1	5.2	4.9	5.1	5.2
February					22.1	22	2.7	28	16.6	7.0	9.6		10.1	15.9	9.2	10.6	59	45	57	58	3.5	137.4	35.7	2	9	9	1.8	2.7	3.1	2.5	2.8	4.2	3.5	3.5	6.9
March					21.9	27	2.9	1	17.7	8.2	9.5		11.9	16.5	10.6	11.8	59	54	57	58	4.0	76.2	23.2	2	10	10	1.6	2.2	2.4	2.1	4.1	4.3	3.8	4.1	7.1
April					35.6	22	5.6	2	27.4	12.4	15.0		18.2	26.2	16.7	18.4	60	60	58	59	6.3	0.8	0.8	18	1		1.4	2.2	2.0	1.8	2.9	2.3	1.6	2.3	9.6
May					35.8	22	9.1	7	(28.7)	14.8	(13.9)		22.6	27.6	19.5	21.1	56	44	65	60	8.3	30.8	26.2	2	2	2	2.1	3.4	2.2	2.6	2.2	2.2	1.3	1.9	11.0
June					36.6	28	16.2	3, 10	34.1	18.3	15.8		25.9	32.8	25.0	25.5	61	58	55	58	8.4						2.0	2.9	2.5	2.5	0.6	0.2	0.2	0.3	12.5
July					39.7	28	18.3	20	36.8	21.1	15.7		28.2	35.5	26.6	27.8	61	55	60	60	9.3						1.4	2.1	2.2	1.9	0.7	0.3	0.0	0.3	12.5
August					40.3	15	20.9	25	38.0	22.7	15.3		28.8	36.6	27.6	28.9	62	56	61	62	8.4						1.3	1.9	2.1	1.8	1.1	0.5	0.0	0.5	12.1
September					38.7	4	14.7	29	35.9	20.2	15.7		26.3	34.6	24.9	26.6	61	55	60	60	8.2						1.1	2.2	2.1	1.9	0.8	1.1	0.3	0.8	10.4
October					36.7	29	12.8	26	32.7	17.5	15.2		23.3	31.4	21.3	23.4	60	54	58	59	8.1						0.7	1.9	1.9	1.5	1.9	1.7	1.0	1.6	8.9
November					31.3	1	8.3	13	23.4	11.8	11.6		16.0	22.1	14.2	16.0	55	51	54	54	3.9	144.1	36.9	6	7	7	1.4	2.0	1.9	1.8	4.0	3.7	3.2	3.6	6.2
December					23.0	3	5.5	26	19.9	9.4	10.5		12.6	18.6	11.4	13.0	55	47	52	54	2.8	43.7	18.7	31	7	7	1.1	1.8	1.7	1.5	4.6	5.1	4.6	4.8	4.9
Year									27.4	14.3	13.1		19.6	26.2	18.1	19.6	59	52	58	58	6.2	593.4			55	52	1.5	2.3	2.2	2.0	2.6	2.6	2.0	2.4	8.9

WIND DIRECTIONS

	8h									14h									20h									Total								
	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm
1938																																			
January		1.5	2.5	1.5	2.5	10.0	8.0		5.0		3.0	5.0	2.0	2.5	10.5	8.0				2.5	4.5	2.0	3.0	11.0	8.0				7.0	12.0	5.5	8.0	31.5	24.0		5.0
February		2.0	6.0	5.5	2.5	5.0	4.5	0.5	2.0	1.0	4.0	6.0	2.5	2.5	6.5	4.5	1.0		0.5	4.5	6.0	2.5	2.5	6.0	5.0	1.0		1.5	10.5	18.0	10.5	7.5	17.5	14.0	2.5	2.0
March		1.0	1.5	1.0	2.0	11.5	10.5	0.5	3.0		1.0	1.5	1.5	2.0	12.5	12.0	0.5			1.0	1.5	1.0	3.0	13.0	11.0	0.5			3.0	4.5	3.5	7.0	37.0	33.5	1.5	3.0
April			1.0	1.0	1.5	10.5	9.0		7.0			2.5	2.5	2.5	11.5	9.0		2.0			1.5	2.5	2.5	12.0	10.5		1.0			5.0	6.0	6.5	34.0	28.5		10.0
May		0.5	2.0	1.5	0.5	13.0	13.0	0.5			0.5	3.0	2.5		11.5	12.5	1.0				3.0	7.0	6.5	8.0	5.5		1.0		1.0	8.0	11.0	7.0	32.5	31.0	1.5	1.0
June				0.5	0.5	14.5	14.5								14.0	15.0	1.0						2.0	15.0	13.0						0.5	2.5	43.5	42.5	1.0	
July			1.0	1.0		14.5	14.5					2.0	1.5	1.5	12.5	13.5				0.5	1.5	1.0	1.0	13.0	14.0				0.5	4.5	3.5	2.5	40.0	42.0		
August	1.5		1.5	0.5	5.0	11.5	9.5	1.5		0.5				3.0	11.0	14.0	2.5		1.0			0.5	1.0	7.5	15.5	5.5		3.0		1.5	1.0	9.0	30.0	39.0	9.5	
September	0.5		2.0	6.0	6.0	3.5	7.5	0.5	4.0			1.5	2.5	6.0	10.0	8.5	1.5		0.5		1.0	0.5	3.0	11.0	13.5	0.5		1.0		4.5	9.0	15.0	24.5	29.5	2.5	4.0
October			7.0	6.5	3.0	8.0	6.0	0.5				5.5	5.0	3.5	9.0	7.0	1.0			0.5	4.5	4.0	2.5	5.0	12.5	2.0			0.5	17.0	15.5	9.0	22.0	25.5	3.5	
November	0.5	2.0	7.0	4.0	8.0	5.0	2.5	1.0		1.0	4.0	4.5	4.0	4.0	6.0	5.5	1.0		1.5	4.5	5.0	2.5	6.0	6.0	4.5			3.0	10.5	16.5	10.5	18.0	17.0	12.5	2.0	
December		1.0	8.5	5.5	3.5	6.0	6.5				1.5	4.5	6.5	7.5	7.5	3.5				2.5	8.0	2.5	3.0	6.0	9.0				5.0	21.0	14.5	14.0	19.5	19.0		
Year	2.5	8.0	40.0	34.5	35.0	113.0	106.0	5.0	21.0	2.5	14.0	36.0	30.5	35.0	122.5	113.0	9.5	2.0	3.5	16.0	36.5	26.5	36.0	113.5	122.0	9.5	2.0	8.5	38.0	112.5	91.0	106.0	349.0	341.0	24.0	25.0

NUMBER OF DAYS WITH:

	Rainfall			Dew	Snow	Hail	Lightning	Thunder-storm	Gale	Dust or Sandstorm	Fog or Mist
	mms. ≥ 10.0	mms. ≥ 25.0	mms. ≥ 50.0								
1938											
January	6	2				1		1			1
February	5	2					1		1		
March	3										
April											
May	1	1									
June											
July											
August											
September											
October											
November	4	4									
December	1								1		
Year	20	9				1	1	1	2		1

METEOROLOGICAL OBSERVATIONS

STATION : TEL AVIV φ : 32° 04' N. H_b : 34 ms. h_r : 1.0 ms.

H_s : 32 ms.

YEAR : 1938 λ : 34° 46' E. h_t : 1.8 ms. h_a : — ms.

	Barometer corrected to 0°C and Mean Gravity mbs.				Extreme Temperatures °C								Dry Bulb Temperature C°				Relative Humidity %				Evaporation mms.	Rainfall mms.					Wind Force Beaufort Scale				Cloud Amount in Tenths				Sunshine
	7h	14h	21h	Mean	Absol. Max.	Date	Absol. Min.	Date	Mean Max.	Mean Min.	Range of Mean Extremes	Grass Min.	7h	14h	21h	Mean	7h	14h	21h	Mean		Total	Max. one day	Date	Days with mms. ≧0.1	Days with mms. ≧1.0	7h	14h	21h	Mean	7h	14h	21h	Mean	Hours
																						mms.	mms.												
1938																																			
January					19.7	4	7.4	29	16.4	9.4	7.0		10.7	15.7	12.6	12.9	84	74	84	81	1.6	345.0	52.3	9	18	18	2.0	2.5	1.5	2.0	5.6	5.5	5.3	5.5	
February					20.3	16	5.5	12	16.7	8.5	8.2		9.3	16.0	11.8	12.4	87	72	86	82	1.9	115.9	24.3	8	12	11	1.8	2.9	1.7	2.1	3.8	5.2	4.2	4.4	
March					27.4	22	5.3	1	19.6	9.6	10.0		11.1	19.0	13.3	14.2	85	66	86	79	2.1	56.1	20.4	15	10	7	1.4	2.7	1.6	1.9	4.6	4.2	3.6	4.1	
April					35.0	5	8.0	2	25.2	13.6	11.6		16.2	24.2	17.8	19.0	77	59	79	72	3.1	0.2	0.2	23	1		1.6	2.5	1.4	1.8	4.0	3.6	2.8	3.5	
May					30.7	22	12.4	1, 6	25.2	16.0	9.2		18.3	25.5	19.9	20.9	83	66	90	80	2.6	13.0	12.0	2	4	1	1.7	2.5	1.1	1.8	4.4	2.5	2.7	3.2	
June					33.4	27	16.2	4	30.1	19.4	10.7		21.8	29.7	23.4	24.6	80	60	81	74	2.7						1.8	2.5	1.0	1.8	2.8	1.4	2.9	2.4	
July					34.4	27	19.2	4	33.0	22.0	11.0		24.3	32.6	25.9	27.2	84	65	87	79	3.1						1.4	2.5	1.1	1.7	2.7	1.4	1.4	1.8	
August					35.0	16,21	22.0	20	34.1	23.6	10.5		25.6	33.7	27.0	28.3	80	59	80	73	3.2						1.4	2.5	0.9	1.6	3.0	1.0	2.9	2.3	
September					34.8	2	16.6	30	31.7	21.3	10.4		22.6	31.4	24.8	25.9	81	62	79	74	3.3	8.0	6.0	24	3	2	1.4	2.6	1.0	1.7	1.8	0.8	2.2	1.6	
October					35.2	28	14.5	26	29.9	18.2	11.7		19.4	28.1	22.0	22.9	78	64	77	73	3.0	4.8	2.7	20	2	2	1.3	2.6	1.0	1.7	3.0	1.5	1.8	2.1	
November					27.6	1	11.0	14	21.8	13.3	8.5		14.0	20.3	16.3	16.7	85	71	84	80	1.7	425.0	178.3	6	10	8	1.3	1.9	1.3	1.5	4.2	4.2	3.1	3.8	
December					23.0	2	7.5	31	18.9	11.1	7.8		11.9	18.2	13.7	14.3	82	70	83	78	1.5	77.7	45.7	31	12	9	1.4	2.1	1.4	1.6	4.9	4.9	3.6	4.5	
Year									25.2	15.5	9.7		17.1	24.5	19.0	19.9	82	66	83	77	2.5	1045.7			72	58	1.5	2.5	1.3	1.8	3.7	3.0	3.0	3.3	

	WIND DIRECTIONS																																NUMBER OF DAYS WITH:												
	7h									14h									21h									Total								Rainfall			Dew	Snow	Hail	Lightning	Thunder-storm	Gale	Dust or Sandstorm	Fog or Mist
	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	mms. ≧ 10.0	mms. ≧ 25.0	mms. ≧ 50.0								
1938																																														
January		2.0	2.0	11.0	10.0	3.0	2.0	1.0		1.0		1.0	2.0	6.0	8.0	5.0	8.0		2.0	2.0	2.0	9.0	5.0	3.0	5.0	2.0	1.0	3.0	4.0	5.0	22.0	21.0	14.0	12.0	11.0	1.0	10	7	1	5		2		2			
February	1.0	6.0	3.0	4.0	8.0		3.0	3.0		1.0	1.0		1.0	3.0	9.0	6.0	7.0		1.0	2.0	7.0	3.0	2.0		9.0	3.0	1.0	3.0	9.0	10.0	8.0	13.0	9.0	18.0	13.0	1.0	5			9		3		1			
March	1.0	7.0	2.0	8.0	8.0	1.0	2.0	2.0		1.0	1.0			5.0	4.0	10.0	10.0		1.0	1.0	10.0	2.0	4.0	1.0	9.0	3.0		3.0	9.0	12.0	10.0	17.0	6.0	21.0	15.0			3			5							
April		5.0	4.0	6.0	10.0	3.0	1.0	1.0		6.0			1.0	1.0		11.0	11.0		3.0	5.0	7.0	3.0	1.0	2.0	7.0	2.0		9.0	10.0	11.0	10.0	12.0	5.0	19.0	14.0												
May	1.0	2.0	6.0	8.0	8.0		6.0			5.0					2.0	5.0	19.0			2.0	10.0	4.0	3.0	1.0	8.0	2.0	1.0	6.0	4.0	16.0	12.0	11.0	3.0	19.0	21.0	1.0	1			2							3
June		1.0	2.0	9.0	16.0	2.0				2.0					2.0	13.0	13.0		4.0	1.0	7.0	4.0	2.0	2.0	7.0	1.0	2.0	6.0	2.0	9.0	13.0	18.0	6.0	20.0	14.0	2.0				1							
July	1.0		2.0	10.0	16.0	1.0			1.0	6.0					2.0	11.0	12.0		3.0	1.0	7.0	1.0	1.0	5.0	5.0	5.0	3.0	10.0	1.0	9.0	11.0	17.0	8.0	16.0	17.0	4.0											1
August		1.0	1.0	10.0	18.0	1.0								1.0	1.0	14.0	15.0		3.0	6.0	2.0	2.0	3.0		5.0	3.0	7.0	3.0	7.0	3.0	12.0	22.0	2.0	19.0	18.0	7.0											
September			4.0	18.0	8.0					2.0						12.0	16.0		11.0	5.0	5.0		3.0		1.0	1.0	4.0	13.0	5.0	9.0	18.0	11.0		13.0	17.0	4.0											
October		1.0	10.0	12.0	7.0				1.0	9.0			1.0	1.0	3.0	4.0	13.0		2.0	4.0	13.0	6.0	1.0				5.0	11.0	5.0	23.0	19.0	9.0	3.0	4.0	13.0	6.0				1		1					
November	1.0	2.0	5.0	12.0	5.0		2.0		3.0	4.0	2.0		1.0	2.0	4.0	10.0	6.0	1.0	2.0	1.0	8.0	9.0	6.0		1.0		3.0	7.0	5.0	13.0	22.0	13.0	4.0	13.0	6.0	7.0	5	5	4	15		1	2	4			
December			4.0	18.0	8.0				1.0	2.0			2.0	6.0	6.0	8.0	7.0			1.0	6.0	11.0	8.0	2.0	1.0	1.0	1.0	2.0	1.0	10.0	31.0	22.0	8.0	9.0	8.0	2.0	2	1		16		1	2				
Year	5.0	27.0	45.0	126.0	122.0	11.0	16.0	7.0	6.0	39.0	4.0	1.0	8.0	25.0	41.0	109.0	137.0	1.0	32.0	31.0	84.0	54.0	39.0	16.0	58.0	23.0	28.0	76.0	62.0	130.0	188.0	186.0	68.0	183.0	167.0	35.0	26	13	5	54		7	5	7			4

METEOROLOGICAL OBSERVATIONS

STATION : LYDDA-AIRPORT φ : 32° 00' N. H_b : 41.7 ms. h_r : 1.0 ms. H_s : 40 ms.

YEAR : 1938 λ : 34° 54' E. h_t : 2.0 ms. h_a : — ms.

	Barometer corrected to 0°C and Mean Gravity mbs.				Extreme Temperatures °C								Dry Bulb Temperature °C				Relative Humidity %				Evaporation mms.	Rainfall mms.					Wind Force Beaufort Scale				Cloud Amount in Tenths				Sunshine
	8h	14h	20h	Mean	Absol. Max.	Date	Absol. Min.	Date	Mean Max.	Mean Min.	Range of Mean Extremes	Grass Min.	8h	14h	20h	Mean	8h	14h	20h	Mean		Total	Max. one day	Date	Days with ≥ 0.1	Days with ≥ 1.0	8h	14h	20h	Mean	8h	14h	20h	Mean	Hours
																						mms.	mms.		mms.	mms.								
1938																																		
January	1010.7	1009.8	1010.5	1010.3	21.0	4	4.2	29	17.2	8.7	8.5		10.8	15.8	11.8	11.8	79	62	79	79	3.8	278.0	41.9	26	17	16	1.1	1.8	(0.7)	(1.2)	6.5	6.8	(6.2)	(6.5)	
February	1012.4	1011.3	1012.5	1012.1	21.8	16	4.0	12	17.0	7.0	10.0		9.5	15.9	11.0	10.9	82	55	86	84	(3.5)	141.9	31.4	23	12	10	1.1	2.6	1.2	1.6	5.1	6.4	4.9	5.5	
March	1011.9	1010.9	1011.5	1011.4	25.8	22	3.9	8	18.4	8.0	10.4		12.0	17.5	12.1	12.4	74	52	81	78	4.1	59.2	21.7	15	12	5	1.2	2.6	0.5	1.4	5.3	6.0	5.5	5.6	
April	1008.8	1007.5	1007.8	1008.0	36.7	21	6.0	2	25.6	11.0	14.6		19.0	23.8	17.1	17.7	62	46	71	67	6.4	0.3	0.2	24	2		1.3	2.5	0.2	1.3	4.7	4.7	3.1	4.1	
May	1008.7	1008.1	1008.3	1008.4	35.6	21	8.8	1	26.7	13.0	13.7		*20.9	25.7	19.2	19.7	66	45	72	69	6.5	14.5	10.7	2	3	2	0.8	2.7	0.2	1.2	4.0	3.0	3.0	3.3	
June	1005.3	1004.6	1004.9	1004.9	32.1	27	13.5	4	29.3	17.0	12.3		24.7	28.6	23.0	23.3	65	49	75	70	6.5						1.1	3.1	0.3	1.5	3.4	1.1	2.0	2.2	
July	1002.2	1001.7	1001.9	1001.9	34.3	12	16.5	4	31.7	19.8	11.9		27.0	31.1	25.9	25.9	65	51	74	70	7.4						1.2	2.9	0.4	1.5	3.3	1.4	1.4	2.0	
August	1002.5	1001.9	1002.3	1002.3	34.0	15	20.5	25	32.2	22.2	10.0		27.9	31.5	26.8	27.1	66	53	74	70	7.1						1.1	3.0	0.4	1.5	4.8	1.7	1.5	2.6	
September	1006.8	1006.0	1006.8	1006.5	34.6	30	11.5	30	30.6	19.6	11.0		26.0	29.9	24.5	25.0	62	50	67	65	7.8	12.2	8.3	20	3	2	1.0	2.9	0.2	1.4	3.6	2.3	1.1	2.3	
October	1010.6	1009.1	1010.0	1009.9	36.8	29	12.2	22, 27	29.7	16.4	13.3		23.0	28.6	21.8	22.4	60	43	63	61	8.2	0.6	0.6	31	1		1.2	3.0	0.5	1.6	3.5	3.0	2.3	2.9	
November	1012.0	1010.8	1011.4	1011.4	31.7	2	7.9	21	22.5	11.6	10.9		14.7	21.5	15.9	15.9	81	54	80	80	3.5	355.2	169.9	6	9	8	0.9	2.5	0.8	1.4	4.8	5.1	3.9	4.6	
December	1010.7	1009.9	1011.2	1010.6	24.5	2	6.0	31	19.9	9.7	10.2		12.8	19.2	13.6	13.8	79	55	80	79	3.2	95.8	69.7	31	8	6	1.1	2.5	0.9	1.5	5.4	6.0	4.6	5.3	
Year	1008.5	1007.6	1008.3	1008.1					25.1	13.7	11.4		19.0	24.1	18.6	18.8	70	51	75	73	5.7	957.7			67	49	1.1	2.7	0.5	1.4	4.5	4.0	3.3	3.9	

* 8. April. Aspirators used. Rel. Humidity Jan.-April reduced to Aspir. temp.

	WIND DIRECTIONS																																	NUMBER OF DAYS WITH								
	8h									14h									20h									Total								Rainfall			Dew	Snow	Hail	Lightning	Thunder-storm	Gale	Dust or Sandstorm	Fog or Mist
	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	mms. ≥ 10.0	mms. ≥ 25.0	mms. ≥ 50.0								
1938																																													
January			2.0	2.0	13.5	0.5	1.5	0.5	11.0	1.0		1.0	1.5	4.0	5.0	10.0	3.5	5.0			(1.5)	(2.0)	(2.0)	(3.5)	(2.0)		(15.0)	(1.0)		(4.5)	(5.5)	(19.5)	(9.0)	(13.5)	(4.0)	(31.0)	11	3									
February	0.5	0.5	0.5	2.5	7.5	2.5	1.0		13.0	1.5	1.0	0.5	2.5	2.0	6.0	6.5	7.0	1.0	0.5	1.5	2.0	0.5	0.5	3.0	4.0		16.0	2.5	3.0	3.0	5.5	10.0	11.5	11.5	7.0	30.0	7	1				2					
March	1.0	0.5	2.5	3.0	9.5	2.5	0.5	1.5	10.0	1.0	1.0	0.5	2.5	3.0	3.0	11.0	9.0		1.0		2.0	0.5	1.0	1.5	3.5	0.5	21.0	3.0	1.5	5.0	6.0	13.5	7.0	15.0	11.0	31.0	2					2		2	4			
April	2.0		2.5	1.0	5.0	5.5	1.0		13.0	4.5		1.5	2.0	1.5		10.0	8.5	2.0	1.0	0.5	2.0	0.5	0.5		1.0		24.0	7.5	0.5	6.0	3.5	7.0	5.5	12.0	9.0	39.0						2					1
May			1.5	1.0	3.5	4.0	6.5	0.5	14.0	5.5	1.0					8.5	15.0	1.0	2.0	0.5		1.0			1.5	25.0	7.5	1.5	1.5	2.0	4.5	4.0	15.0	17.0	40.0	1					1	2				1
June	1.0			0.5	7.5	8.0	5.0		8.0	1.5					0.5	13.5	14.5		1.0				1.0	1.5	2.5	3.0	21.0	3.5			0.5	8.5	10.0	21.0	17.5	29.0											2
July	1.0				9.5	8.0	4.5	1.0	7.0	1.0					1.0	9.0	20.0		3.0						2.5	5.5	19.0	5.0				9.5	9.0	16.0	26.5	26.0											
August	0.5				4.5	7.0	7.0	1.0	11.0	2.0					0.5	15.0	13.5		3.0	0.5				1.0	3.0	3.5	20.0	5.5	0.5			5.5	7.5	25.0	18.0	31.0											
September	0.5	1.0		2.0	12.5	4.0	1.5	1.5	7.0	2.0						12.5	14.5	1.0	2.0		1.0		0.5	0.5		2.0	24.0	4.5	1.0	1.0	2.0	13.0	4.5	14.0	18.0	32.0						1				1	
October	1.0		2.0	3.0	13.5	1.5			10.0	1.0		0.5	0.5		1.0	13.0	15.0		3.0	1.0	1.0	0.5	0.5	1.5	2.0	0.5	20.0	5.0	1.0	3.5	4.0	14.0	4.0	15.0	15.5	30.0						5	1				
November	0.5	1.0	1.0	4.0	10.5				13.0	4.0		0.5	2.5	2.0	2.5	8.0	8.5	2.0	1.0	2.0	3.5	2.0	1.0	1.0	2.0	0.5	17.0	5.5	3.0	5.0	8.5	13.5	3.5	10.0	9.0	32.0	5	3	2	2		6	3	1			
December			0.5	4.5	14.0	2.0			10.0	1.5		0.5	2.0	4.5	4.5	9.0	5.0	4.0	1.5	1.0	2.0	8.0	3.0	1.5			14.0	3.0	1.0	3.0	14.5	21.5	8.0	9.0	5.0	28.0	1	1	1	1		4	2				
Year	8.0	3.0	12.5	23.5	111.0	45.5	28.5	6.0	127.0	26.5	3.0	5.0	13.5	17.0	24.0	126.0	134.0	16.0	19.0	7.0	15.0	15.0	12.0	14.0	22.5	17.5	236.0	53.5	13.0	32.5	52.0	140.0	83.5	177.0	157.5	379.0	27	8	3								

METEOROLOGICAL OBSERVATIONS

STATION : JERICHO φ : 31° 51' N. Hb : — ms. hr : 1.0 ms.

Hs : — 260 ms.

YEAR : 1938 λ : 35° 27' E. ht : 1.5 ms. ha : — ms.

	Barometer corrected To 0° C and Mean Gravity mbs.				Extreme Temperatures °C								Dry Bulb Temperature C°				Relative Humidity %				Evaporation mms.	Rainfall mms.					Wind Force Beaufort Scale				Cloud Amount in Tenths				Sunshine
	8h	14h	20h	Mean	Absol. Max.	Date	Absol. Min.	Date	Mean Max.	Mean Min.	Range of Mean Extremes	Grass Min.	8h	14h	20h	Mean	8h	14h	20h	Mean		Total	Max. one day	Date	Days with mms. ≥ 0.1	Days with mms. ≥ 1.0	8h	14h	20h	Mean	8h	14h	20h	Mean	Hours
1938																																		
January					24.3	12	6.5	29	20.1	10.7	9.4		13.8	19.2	14.6	14.6	80	61	76	78	3.4	52.5	10.5	30	13	13	1.8	2.6	2.1	2.2	6.4	6.6	5.7	6.2	5.1
February					25.0	22	5.0	11, 12	20.5	9.1	11.4		12.9	19.3	13.3	14.1	76	55	81	78	3.3	59.0	20.0	23	11	8	2.0	2.7	1.7	2.1	4.3	5.0	3.8	4.3	6.8
March					28.0	23	5.3	8	22.2	9.9	12.3		15.4	21.1	15.3	15.4	70	53	70	70	4.2	20.5	8.0	2	6	6	1.7	2.4	1.9	2.0	4.7	5.3	3.0	4.3	7.4
April					40.5	21	7.5	2	30.8	15.6	15.2		22.8	29.8	22.7	22.7	58	41	57	58	7.7	1.0	1.0	17	1	1	1.9	2.2	2.1	2.1	3.4	3.6	2.2	3.1	9.6
May					43.0	21	14.0	5	34.3	18.5	15.8		26.2	33.2	25.7	25.9	49	32	45	47	9.0	7.0	7.0	2	1	1	1.7	1.6	1.7	1.7	2.2	2.7	1.4	2.1	11.4
June					40.5	26	18.0	11	37.8	21.2	16.6		28.9	36.6	29.6	29.1	55	33	41	48	9.7						1.5	1.7	1.9	1.7	0.4	0.4	0.1	0.3	11.5
July					43.0	27, 28	21.5	3, 4, 5	40.2	24.0	16.2		31.6	38.8	32.0	31.6	54	32	43	48	10.5						1.2	1.6	1.3	1.3	0.6	0.4	0.1	0.4	11.5
August					43.5	1, 16	23.0	25	40.0	24.9	15.1		31.9	38.9	32.2	32.0	59	38	50	54	9.1						1.5	1.7	1.6	1.6	0.9	0.8	0.0	0.6	11.6
September																																		
October																																		
November																						55.0	17.5	7	6	6								
December																						7.5	3.5	9	3	3								(5.1)
Year																						202.5			41	38								

	WIND DIRECTIONS																																NUMBER OF DAYS WITH:															
	8h									14h										20h										Total									Rainfall											
	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	mms. ≥ 10.0	mms. ≥ 25.0	mms. ≥ 50.0	Dew	Snow	Hail	Lightning	Thunder-storm	Gale	Dust or Sandstorm	Fog or Mist
1938																																																
January	4.0	1.5		1.0	8.5	3.5	7.0	5.5		4.5	1.5		7.0	5.0	7.0	1.0	4.0	1.0	5.0	2.0		2.0	7.0	4.0	5.0	6.0		13.5	5.0		10.0	20.5	14.5	13.0	15.5	1.0	1					5	1			1
February	4.5	7.0	2.0		1.5	6.5	5.0	1.5		4.5	1.5	2.0	4.5	3.0	5.5	3.0	4.0		9.0		2.0		4.0		7.0	6.0		18.0	8.5	6.0	4.5	8.5	12.0	15.0	11.5		2					3	1		1	
March	7.5	8.5	3.0	1.0	1.0	3.0	5.0	2.0		2.5	4.5	2.0	8.0	5.5	2.5	1.0	5.0		10.0	1.0	1.0	1.0	1.0	6.0	5.0	6.0		20.0	14.0	6.0	10.0	7.5	11.5	11.0	13.0							1				
April	4.0	14.0	3.0	4.0	1.0	2.0	1.0	1.0		3.0	9.0		5.0	2.5	3.5	3.0	4.0		15.0	4.0	1.0	1.0			5.0	4.0		22.0	27.0	4.0	10.0	3.5	5.5	9.0	9.0							1	1			
May	6.0	12.0	4.0	7.0		1.0		1.0		1.0	5.0	1.0	9.0	5.0	4.0	1.0	5.0		19.0	7.0					1.0	3.0	1.0	26.0	24.0	5.0	16.0	5.0	5.0	2.0	9.0	1.0							1				
June	6.0	15.0	5.0	2.0	2.0					1.0	2.0	1.0	19.0	3.0	2.0	1.0		1.0	17.0	3.0					4.0	6.0		24.0	20.0	6.0	21.0	5.0	2.0	5.0	6.0	1.0											
July	9.0	16.0	1.0	2.0	3.0					1.0		2.0	15.0	11.0				2.0	14.0	2.0		1.0		1.0	3.0	4.0	6.0	24.0	18.0	3.0	18.0	14.0	1.0	3.0	4.0	8.0											
August	12.0	8.0	6.0	2.0	2.0			1.0		1.0	1.0	3.0	16.0	9.0		1.0			14.0	5.0			1.0		3.0	7.0	1.0	27.0	14.0	9.0	18.0	12.0		4.0	8.0	1.0											
September																																																
October																																																
November																																					3												
December																																																
Year																																				6												

METEOROLOGICAL OBSERVATIONS

STATION : JERUSALEM φ : 31° 47' N. H_b : 783.5 ms. h_r : 1.0 ms.

H_s : 787 ms.

YEAR : 1938 λ : 35° 13' E. h_t : 1.5 ms. h_a : 5.0 ms.

	Barometer corrected to 0°C and Mean Gravity mbs.				Extreme Temperatures °C								Dry Bulb Temperature C°				Relative Humidity %				Evaporation mms.	Rainfall mms.					Wind Force Beaufort Scale				Cloud Amount in Tenths				Sunshine
	8h	14h	20h	Mean	Absol. Max.	Date	Absol. Min.	Date	Mean Max.	Mean Min.	Range of Mean Extremes	Grass Min.	8h	14h	20h	Mean	8h	14h	20h	Mean		Total	Max. one day	Date	Days with ≥ 0.1	Days with ≥ 1.0	8h	14h	20h	Mean	8h	14h	20h	Mean	Hours
																						mms.	mms.		mms.	mms.								
1938																																		
January	923.8	923.3	923.7	923.6	17.8	13	2.5	27	12.4	5.6	6.8		8.2	(10.7)	8.4	(8.2)	78	67	77	77	2.5	219.4	40.5	15	15	14	1.7	(2.4)	1.7	(1.9)	6.4	(6.4)	5.0	(5.9)	
February	925.0	924.3	924.6	924.6	(17.6)	(15)	—0.8	28	(11.7)	4.4	7.3		7.1	(10.5)	(7.9)	(7.5)	76	63	79	78	2.4	220.2	48.6	22	11	11	1.6	(2.2)	(1.6)	(1.8)	5.1	(5.5)	(5.0)	(5.2)	
March	924.4	923.8	923.8	924.0	21.9	28	0.7	1	13.5	5.3	8.2		8.6	12.4	9.9	9.0	77	59	70	74	2.8	94.4	38.0	2	9	7	1.1	1.8	1.3	1.4	5.4	6.4	5.0	5.6	
April	923.4	(922.3)	922.9	(922.9)	31.6	21	3.1	2	23.0	11.3	11.7		16.4	(20.4)	16.4	(16.0)	58	51	67	62	6.7	1.8	1.8	17	1	1	1.2	(1.6)	1.3	(1.4)	3.5	(3.7)	3.2	(3.3)	
May	923.8	923.3	922.9	923.3	33.9	21	9.0	5	25.4	14.4	11.0		19.7	22.9	17.1	18.5	48	47	75	62	7.2	8.3	7.0	2	3	2	0.9	1.6	1.6	1.4	2.2	3.1	2.6	2.6	
June	920.8	(920.6)	921.3	(920.7)	31.6	2	12.5	2	27.9	15.2	12.7		22.7	26.8	21.0	21.4	49	51	66	58	8.7						1.4	2.1	1.5	1.7	0.5	0.4	0.4	0.4	
July	919.1	918.9	919.3	919.1	33.5	31	(15.7)	(17)	30.2	(18.2)	(12.0)		25.3	29.5	24.1	(24.0)	47	50	57	52	9.2						1.2	2.6	1.3	1.7	1.0	0.4	0.2	0.5	
August	919.9	919.7	919.3	919.6	35.4	15	16.7	26	30.6	18.6	12.0		24.3	29.9	24.4	24.3	66	58	76	71	6.4						0.8	1.8	1.1	1.2	0.8	0.7	0.4	0.6	
September	923.3	922.6	922.6	922.8	33.5	4	14.0	24,26,28	27.8	16.7	11.1		21.6	26.8	21.6	21.7	73	65	82	78	5.7	Drops					1.1	1.9	0.9	1.3	2.0	1.6	1.1	1.6	
October	925.6	924.6	(924.7)	(925.1)	(30.2)	29	11.2	22	(26.0)	15.1	(10.9)		19.5	24.9	20.9	20.4	76	68	(80)	(78)	6.0	Drops					0.8	1.2	(0.7)	(0.9)	2.1	2.5	(2.0)	(2.3)	
November	925.7	925.0	(926.1)	(926.4)	26.1	2	7.7	11	18.1	10.3	7.8		13.6	16.5	(14.2)	(11.9)	70	61	(75)	(73)	3.2	184.7	102.0	7	7	7	0.9	1.0	(0.3)	(0.6)	3.9	4.7	(3.1)	(3.4)	
December	924.6	923.4	923.5	923.8	19.1	3	4.8	17	15.1	7.6	7.5		10.3	13.9	10.9	10.7	76	65	82	79	2.4	26.9	8.3	7	7	5	0.9	(1.4)	(0.6)	(1.0)	5.0	6.0	(6.3)	(5.8)	
Year	923.3	(922.6)	(922.9)	(923.0)					(21.8)	(11.9)	(9.9)		16.4	(20.4)	(16.4)	(16.1)	66	59	(74)	(70)	5.3	755.7			53	47	1.1	(1.8)	(1.2)	(1.4)	3.2	(3.4)	(2.9)	(3.1)	

	WIND DIRECTION																																NUMBER OF DAYS WITH: Rainfall		
	8h									14h										20h										Total								
	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	mms. ≥ 10.0	mms. ≥ 25.0	mms. ≥ 50.0
1938																																					
January		1.0	3.0		1.0	3.5	14.5	1.0	7.0			(2.0)	(6.0)	(1.0)	(1.0)	(12.5)	(5.5)	(2.0)			3.0	2.5	1.0	2.0	12.0	3.5	7.0		(1.0)	(8.0)	(8.5)	(3.0)	(6.5)	(39.0)	(10.0)	(16.0)	9	2	
February		1.0	6.0			2.5	10.0	1.5	7.0			(5.0)	(3.0)	(1.0)	(2.5)	(4.5)	(8.0)	(3.0)			(1.0)				(9.0)	(5.0)	(12.0)		(1.0)	(12.0)	(3.0)	(1.0)	(5.0)	(23.5)	(14.5)	(22.0)	7	3	
March		1.0	2.0	1.0		2.0	11.0	5.0	9.0	1.0		4.0	2.0		1.5	10.5	8.0	4.0						1.0	7.0	10.0	13.0	1.0	1.0	6.0	3.0		4.5	28.5	23.0	26.0	5	1	
April	1.5	2.0	3.0	1.0		1.0	8.5	4.0	9.0		(1.0)	(3.0)	(2.0)		(2.0)	(13.5)	(1.5)	(3.0)	1.0	1.5				2.5	14.5	2.5	8.0	(2.5)	(4.5)	(6.0)	(3.0)		(5.5)	(36.5)	(8.0)	(20.0)			
May		1.0	4.0	1.0	1.0		10.0	3.0	11.0	0.5					1.0	18.0	6.5	5.0						1.0	11.5	11.5	7.0	0.5	1.0	4.0	1.0	1.0	2.0	39.5	21.0	23.0			
June	2.0		1.0			1.0	11.0	12.0	3.0	1.0						9.0	16.0	4.0						3.5	9.5	17.0		3.0		1.0			4.5	29.5	45.0	7.0			
July	1.0					1.5	13.0	9.5	6.0						2.0	16.0	13.0							2.0	7.5	20.5	1.0	1.0					5.5	36.5	43.0	7.0			
August		1.0					13.0	4.0	13.0		1.0					17.0	10.0	3.0							24.5	6.5			2.0					54.5	20.5	16.0			
September	1.0		1.0			2.5	10.0	6.5	9.0	1.0		1.0			2.5	14.5	10.0	1.0							17.0	9.0	4.0	2.0		2.0			5.0	41.5	25.5	14.0			
October		1.5	2.0	3.5	1.0	1.0	6.0	4.0	12.0		1.0	2.0	1.0	1.0	3.0	8.0	8.0	7.0		(1.0)			1.0		(8.0)	(6.0)	(10.0)		(3.5)	(4.0)	(4.5)	(3.0)	(4.0)	(22.0)	(18.0)	(29.0)			
November		4.0	7.0	3.0		2.0	6.5	1.5	6.0	0.5	1.5	5.5	2.0		1.0	9.0	3.5	7.0		(1.0)	(2.0)	(1.0)		(1.0)	(10.0)	(4.0)	(6.0)	(0.5)	(6.5)	(14.5)	(6.0)		(4.0)	(25.5)	(9.0)	(19.0)	3	2	1
December		2.0	5.0	3.0	1.0	3.5	3.5		13.0		1.0		9.5	1.5	2.5	10.0	1.5	5.0		(1.0)		(2.0)	(2.0)	(4.0)	(15.0)		(4.0)		(4.0)	(5.0)	(14.5)	(4.5)	(10.0)	(28.5)	(1.5)	(22.0)			
Year	5.5	14.5	34.0	12.5	4.0	20.5	117.0	52.0	105.0	(4.0)	(5.5)	(22.5)	(22.5)	(4.5)	(19.0)	(142.5)	(91.5)	(44.0)	(1.0)	(4.5)	(6.0)	(5.5)	(4.0)	(17.0)	(145.5)	(95.5)	(72.0)	(10.5)	(24.5)	(62.5)	(43.5)	(12.5)	(56.5)	(405.0)	(239.0)	(221.0)	24	8	1

METEOROLOGICAL OBSERVATIONS

STATION : BEIT-GEMAL — φ : 31° 43' N. — H_b : — m. — h_r : 1.0 ms. — H_s : 350 ms.

YEAR : 1938 — λ : 34° 59' E. — h_t : 1.5 ms. — h_a : — ms.

	Barometer corrected to 0°C and Mean Gravity mbs.				Extreme Temperatures °C								Dry Bulb Temperature C°				Relative Humidity %				Evaporation mms.	Rainfall mms.					Wind Force Beaufort Scale				Cloud Amount in Tenths				Sunshine
	8h	14h	20h	Mean	Absol. Max.	Date	Absol. Min.	Date	Mean Max.	Mean Min.	Range of Mean Extremes	Grass Min.	8h	14h	20h	Mean	8h	14h	20h	Mean		Total	Max. one day	Date	Days with ≥ 0.1	Days with ≥ 1.0	8h	14h	20h	Mean	8h	14h	20h	Mean	Hours
1938																																			
January					22.2	5	5.2	27	15.8	9.4	6.4		11.0	14.5	11.5	11.5	80	65	76	78	3.9	188.4	27.5	15	17	16	2.6	2.5	2.2	2.4	6.6	7.0	5.6	6.4	
February					22.0	17	2.6	10	15.4	7.4	8.0		10.3	14.3	10.3	10.6	71	59	76	74	4.2	162.9	41.3	22	11	9	2.1	2.7	1.8	2.2	5.9	6.4	5.3	5.9	
March					26.2	28	3.6	1	16.9	8.2	8.7		11.9	15.5	11.1	11.7	68	55	75	72	3.7	85.5	40.1	2	8	8	1.2	2.3	0.7	1.4	6.4	7.3	4.6	6.1	
April					36.9	21	6.6	2	25.4	13.1	12.3		18.6	24.4	17.4	18.4	53	37	61	57	7.1	0.1	0.1	17	1		1.9	2.5	0.6	1.7	4.8	4.9	3.6	4.4	
May					37.7	21	10.7	5	27.7	14.5	13.2		21.2	26.4	18.8	20.2	54	42	69	62	6.1	7.9	7.9	2	1	1	1.7	2.3	1.2	1.7	3.3	3.5	2.3	3.0	
June					33.4	26, 5	13.8	10	30.5	16.4	14.1		23.6	29.9	21.6	22.9	59	39	75	67	6.0						1.5	2.4	0.9	1.6	1.7	0.6	0.5	0.9	
July					36.7	28	18.1	3	33.1	20.2	12.9		26.6	32.4	24.2	25.8	59	48	78	68	6.7						1.4	3.3	1.5	2.1	1.6	0.9	0.2	0.9	
August					37.5	15	19.7	8, 25	33.3	20.8	12.5		26.6	32.5	24.6	26.1	66	47	82	74	5.1						1.1	2.8	1.1	1.7	2.6	0.6	0.3	1.2	
September					35.2	2	16.5	29	30.9	19.2	11.7		24.8	30.2	22.4	24.2	61	43	74	68	5.5	Drops					1.1	2.6	0.8	1.5	1.8	1.3	0.1	1.1	
October					35.9	29	13.7	26	29.4	17.5	11.9		23.4	28.4	21.0	22.6	56	40	68	62	6.3	Drops					1.5	2.9	1.2	1.9	2.4	2.3	1.5	2.1	
November					30.5	2	7.6	8	21.2	12.9	8.3		16.9	19.9	15.6	16.3	64	58	76	70	3.9	195.4	90.7	7	8	8	1.8	2.0	1.6	1.8	3.8	4.7	3.2	3.9	
December					22.5	2	8.1	31	18.5	10.9	7.6		13.8	17.7	13.2	13.9	66	53	74	70	4.2	21.0	6.8	10	7	7	2.2	2.3	1.9	2.1	5.0	5.2	3.0	4.4	
Year									24.8	14.2	10.6		19.1	23.8	17.6	18.7	63	49	74	68	5.2	661.2			53	49	1.7	2.5	1.3	1.8	3.8	3.7	2.5	3.4	

WIND DIRECTIONS

	8h									14h									20h									Total								
	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm
1938																																			
January		2.0	2.0	2.0	5.0	13.0	1.0		6.0	2.0		3.0	1.0	1.0	13.0	5.0	4.0	2.0		1.0	2.0		2.0	12.0	4.0		10.0	2.0	3.0	7.0	3.0	8.0	38.0	10.0	4.0	18.0
February		2.0	2.0		8.0	6.0	2.0		8.0	1.0	1.0	2.0	1.0	2.0	11.0	5.0	2.0	3.0	2.0			1.0	1.0	9.0	10.0		5.0	3.0	3.0	5.0	2.0	19.0	27.0	7.0	2.0	16.0
March	1.0	2.0	1.0		5.0	8.0			14.0	2.0	2.0	4.0		1.0	9.0	5.0	8.0			1.0	1.0			4.0	3.0	1.0	21.0	3.0	5.0	6.0		10.0	20.0	6.0	8.0	35.0
April	6.0	1.0	4.0		5.0	8.0			6.0	3.0		2.0	5.0	4.0	4.0	8.0	4.0		1.0					6.0	3.0	1.0	19.0	10.0	1.0	6.0	5.0	15.0	15.0	9.0	4.0	25.0
May	5.0	2.0	4.0		2.0	10.0	4.0	1.0	3.0	2.0	3.0		7.0	2.0	2.0	9.0	5.0	1.0	4.0	1.0	3.0			3.0	3.0	11.0	6.0	11.0	6.0	7.0	7.0	7.0	15.0	24.0	6.0	10.0
June	2.0	2.0		2.0	4.0	11.0	2.0	5.0	2.0	2.0	1.0		2.0	1.0	3.0	9.0	10.0	2.0	3.0	1.0			2.0	1.0	5.0	8.0	11.0	3.0	5.0	1.0		4.0	6.0	16.0	17.0	26.0	10.0
July	4.0			3.0	12.0	4.0	7.0	1.0	1.0						2.0	9.0	10.0	2.0		1.0		2.0	6.0	11.0	6.0		7.0	4.0		4.0	6.0	16.0	17.0	26.0	10.0	
August	6.0			1.0	7.0	5.0	3.0	3.0	6.0							15.0	16.0		6.0		1.0					7.0	13.0	4.0	12.0		1.0	1.0	7.0	5.0	25.0	32.0	10.0	
September	3.0	2.0	1.0		7.0	3.0		4.0	10.0	2.0						8.0	20.0		1.0	3.0	2.0				3.0		8.0	13.0	6.0	5.0	3.0		7.0	6.0	8.0	32.0	23.0	
October	4.0	2.0	3.0	2.0	8.0		1.0	1.0	10.0		1.0	1.0		1.0	3.0	4.0	19.0	2.0	2.0	3.0	7.0	2.0	1.0	1.0		4.0	11.0	6.0	6.0	11.0	4.0	10.0	4.0	5.0	24.0	23.0	
November		2.0	4.0	3.0	10.0				11.0	1.0	1.0	1.0	2.0	1.0	2.0	2.0	16.0	4.0	1.0	4.0	6.0	3.0	4.0	1.0	2.0	1.0	8.0	2.0	7.0	11.0	8.0	15.0	3.0	4.0	17.0	23.0
December		3.0	6.0	5.0	14.0				3.0		2.0	1.0	2.0	3.0	10.0	4.0	6.0	3.0	1.0	8.0	4.0	7.0	5.0	2.0			4.0	1.0	13.0	11.0	14.0	22.0	12.0	4.0	6.0	10.0
Year	31.0	20.0	27.0	15.0	78.0	76.0	17.0	21.0	80.0	16.0	11.0	14.0	20.0	16.0	59.0	83.0	129.0	17.0	21.0	23.0	27.0	15.0	36.0	45.0	40.0	48.0	110.0	68.0	54.0	68.0	50.0	130.0	180.0	140.0	198.0	207.0

NUMBER OF DAYS WITH :

	Rainfall																		
	mms. ≥ 10.0	mms. ≥ 25.0	mms. ≥ 50.0	Dew	Snow	Hail	Lightning	Thunder-storm	Gale	Dust or Sandstorm	Fog or Mist
1938											
January	8	2							1		
February	7	1		8	1	2	3	3	2	1	7
March	3	1		13	1	1	3				2
April				10					1	2	3
May				17			1				3
June				18							2
July				8							
August				22							
September				11				1	1	1	
October				14			5	1		4	1
November	5	3	1	14			3	4			1
December				12			3	1	1	5	
Year	23	7	1	147	2	3	18	10	6	13	19

METEOROLOGICAL OBSERVATIONS

STATION : GAZA — φ : 31° 30' N. — H_b : 53.3 ms. — h_r : 1.0 ms. — H_s : 45 ms.

YEAR : 1938 — λ : 34° 28' E. — h_t : 1.5 ms. — h_a : — ms.

	Barometer corrected To 0° C and Mean Gravity mbs.				Extreme Temperatures °C								Dry Bulb Temperature C°				Relative Humidity %				Evaporation mms.	Rainfall mms.					Wind Force Beaufort Scale				Cloud Amount in Tenths				Sunshine
	8h	14h	20h	Mean	Absol. Max.	Date	Absol. Min.	Date	Mean Max.	Mean Min.	Range of Mean Extremes	Grass Min.	8h	14h	20h	Mean	8h	14h	20h	Mean		Total	Max one day	Date	Days with ≥ 0.1 mms.	Days with ≥ 1.0 mms.	8h	14h	20h	Mean	8h	14h	20h	Mean	Hours
																						mms.	mms.												
1938																																			
January	1010.3	1009.3	1009.7	1009.8	22.1	21	4.3	29	18.6	8.4	10.2		11.1	17.0	12.8	12.3	83	67	81	82	2.2	220.8	55.1	14	15	15					5.8	6.4	5.1	5.8	
February	1011.8	1010.7	1011.1	1011.2	22.8	4	3.1	12	18.9	7.2	11.7		10.1	17.5	12.1	11.7	84	59	79	82	2.5	56.6	12.5	2	9	9					3.2	3.5	4.1	3.6	
March	1011.3	1010.6	1010.9	1010.9	29.0	28	5.4	2, 5	21.3	8.3	13.0		13.1	18.7	13.2	13.3	81	61	85	83	2.2	139.3	70.8	6	7	7					4.7	4.3	3.2	4.1	
April	1008.0	1007.1	1007.7	1007.6	36.8	21	6.6	2	27.2	11.9	15.3		18.8	24.1	17.6	18.1	71	49	75	73	3.3										2.6	2.3	2.3	2.4	
May	1008.3	1007.7	1007.7	1007.9	34.8	24	9.4	6	28.9	14.5	14.4		21.3	25.7	19.7	20.3	75	61	84	80	3.3	4.7	2.4	16	2	2					2.3	1.8	2.4	2.2	
June	1005.1	1004.4	1004.4	1004.6	35.7	18	16.4	1, 4	32.4	18.2	14.2		24.5	28.5	22.8	23.5	75	61	86	80	3.0										1.8	0.6	1.2	1.2	
July	1001.9	1001.5	1001.5	1001.6	36.0	11	18.0	4	34.3	20.1	14.2		26.7	30.5	25.2	25.6	78	63	87	82	2.8										1.3	0.3	0.4	0.7	
August	1002.3	1001.7	1001.7	1001.9	36.9	15	20.4	30	35.4	22.0	13.4		27.7	31.9	26.4	27.0	77	64	85	81	3.3										2.6	0.4	1.7	1.6	
September	1006.3	1005.6	(1005.1)	(1005.7)	(37.7)	(2)	14.8	30	(33.9)	19.9	(14.0)		26.0	30.6	(24.8)	(25.3)	72	57	71	72	3.7	0.9	0.9	25	1						2.8	0.8	0.9	1.6	
October	1009.6	1008.6					13.6	22		16.7			22.1	28.2			83	69			3.6										0.4	0.9			
November	1010.9	1009.7			30.9	1	9.4	12, 20	23.7	12.4	11.3		15.5	22.3		*18.0	94	74			2.5	249.5	77.8	7	10	10					3.7	3.7			
December	1010.6	1009.2			21.4	1	5.2	31	19.7	9.4	10.3		12.7	19.7		*14.6	89	76			1.2	22.2	3.9	28	8	8					3.6	3.8			
Year	1008.0	1007.2								14.1			19.1	24.6			80	63			2.8	694.0			52	51					2.9	2.4			

* Mean = $\frac{\text{Max. + Min}}{2}$

	WIND DIRECTIONS																														NUMBER OF DAYS WITH:											
	8h									14h									20h									Total									Rainfall										
	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	mms. ≥ 10.0	mms. ≥ 25.0	mms. ≥ 50.0	Dew	Snow	Hail	Lightning	Thunder-storm	Gale	Dust or Sandstorm	Fog or Mist
1938																																												
January																																				8	2	1		2				
February																																				2			3	2				
March																																				3	2	1	2					
April																																							3					1
May																																							3					7
June																																							8					1
July																																							3					1
August																																							4					
September																																							5					1
October																																												
November																																				6	4	2	10		1	3			
December																																							10				1	
Year																																				19	8	4	51	4	1	3		1	11

METEOROLOGICAL OBSERVATIONS

STATION: BEERSHEBA — φ : 31° 14' N. — Hb : — ms. — hr : 1.0 ms. — Hs : 275 ms.

YEAR : 1938 — λ : 34° 47' E. — ht : 1.5 ms. — ha : — ms.

	Barometer Corrected To 0° C and Mean Gravity mbs.				Extreme Temperatures °C								Dry Bulb Temperature C°				Relative Humidity %				Evaporation mms.	Rainfall mms.					Wind Force Beaufort Scale				Cloud Amount in Tenths				Sunshine
	8h	14h	20h	Mean	Absol. Max.	Date	Absol. Min.	Date	Mean Max.	Mean Min.	Range of Mean Extremes	Grass Min.	8h	14h	20h	Mean	8h	14h	20h	Mean		Total	Max. one day	Date	Days with ≥ 0.1 mms.	Days with ≥ 1.0 mms.	8h	14h	20h	Mean	8h	14h	20h	Mean	Hours
																						mms.	mms.											
1938																																		
January					21.6	2	2.8	29	18.8	5.9	12.9		10.0	15.6	10.6	10.5	78	55	80	79	2.9	77.0	23.0	14	9	9	2.4	2.7	1.7	2.3	4.5	4.5	2.5	3.8	
February					22.6	5	0.5	12	18.9	4.6	14.3		8.9	15.5	10.1	9.8	81	57	83	82	3.1	27.5	9.0	10	6	6					4.6	5.1	2.8	4.2	
March					29.2	28	0.6	8	20.0	4.2	15.8		11.1	17.3	11.1	10.9	78	44	85	82	3.2	40.5	13.5	15	7	7					5.2	4.4	2.0	3.9	
April					39.0	21	1.5	2	29.4	9.0	20.4		19.4	26.7	17.6	18.2	53	30	66	60	7.3										3.1	3.7	1.0	2.6	
May					39.0	21, 23	6.5	1	30.4	12.2	18.2		21.6	28.4	19.7	20.5	64	43	70	67	8.2	2.5	2.5	2	1	1					2.5	2.3	1.1	2.0	
June					35.0	26, 30	9.2	13	32.3	15.8	16.5		24.5	31.3	22.8	23.6	45	39	71	58	7.5										0.3	0.0	0.1	0.1	
July					37.5	27	14.5	1	35.2	18.0	17.2		27.2	34.0	25.4	26.2	61	36	69	65	7.9										1.3	0.3	0.1	0.6	
August					40.0	15	17.5	25	35.1	19.8	15.3		27.3	34.1	25.7	26.7	70	45	81	76	6.4										1.0	0.1	0.1	0.4	
September					37.0	2	12.0	30	33.1	17.2	15.9		25.0	31.1	23.4	24.2	68	39	73	70	6.4										0.5	0.7	0.0	0.4	
October																																		
November																						27.0	20.0	2	2	2								
December																						8.0	8.0	3	1	1								
Year																						182.5			26	26								

	WIND DIRECTIONS																																NUMBER OF DAYS WITH:															
	8h									14h										20h										Total										Rainfall											
	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	mms. ≥ 10.0	mms. ≥ 25.0	mms. ≥ 50.0	Dew	Snow	Hail	Lightning	Thunder-storm	Gale	Dust or Sandstorm	Fog or Mist
1938																																																
January		2.5	3.0	2.5	6.5	3.5	7.5	1.5	4.0	0.5	0.5	2.0	2.5	3.5	5.0	11.5	3.5	2.0	1.5	0.5	0.5	2.0	3.0	5.5	6.5	2.5	9.0	2.0	3.5	5.5	7.0	13.0	14.0	25.5	7.5	15.0	4			4								
February	1.0	6.0	2.0	3.0	2.0	13.0		1.0			2.0	2.0	5.0		7.0	4.0	8.0			3.0		4.0		8.0	3.0	10.0		1.0	11.0	4.0	12.0	2.0	28.0	7.0	19.0				8		1	3				2	
March		4.5	5.0	0.5	1.0	2.5	11.0	6.5		0.5	0.5	4.0	2.5		2.0	14.0	7.5		2.5	1.0	1.5	1.0		1.0	13.5	10.5		3.0	6.0	10.5	4.0	1.0	5.5	38.5	24.5		2			8		2	2	2				
April	1.5	4.5	7.0	3.0	1.0	1.5	8.5	3.0		2.0	0.5	4.0	2.5		0.5	12.0	8.5		6.5	0.5	0.5	0.5			10.0	12.0		10.0	5.5	11.5	6.0	1.0	2.0	30.5	23.5					6							3	
May	3.5	3.0	3.0	0.5		2.5	10.5	8.0		1.0	1.0	1.0			1.5	16.0	10.5		6.0				0.5		10.0	14.5		10.5	4.0	4.0	0.5		4.5	36.5	33.0					8								
June	2.0	0.5	1.5	0.5		1.0	11.5	13.0		1.0						14.0	15.0		6.5						8.5	15.0		9.5	0.5	1.5	0.5		1.0	34.0	43.0					7								
July	4.5	0.5	1.0				10.5	14.5		1.0					0.5	14.5	15.0		4.0						11.5	15.5		9.5	0.5	1.0			0.5	36.5	45.0					17								
August	3.5	5.5	1.5			1.0	7.5	10.0	2.0	0.5					2.0	14.0	14.5		3.5	0.5	0.5				10.5	15.0	1.0	7.5	6.0	2.0			3.0	32.0	39.5	3.0				7								
September		9.0	1.0	3.0			2.0	11.0	4.0		1.0					1.0	28.0									28.0	2.0		10.0	1.0	3.0			3.0	67.0	6.0													
October																																																	
November																																					1												
December																																																
Year																																				7												

METEOROLOGICAL OBSERVATIONS

STATION : AMMAN φ : 31° 57' N H_b : 776.6 ms. h_r : 0.3 ms.

YEAR : 1938 λ : 35° 57' E h_t : 1.2 ms. h_a : 14.9 ms.

	Barometer corrected to 0°C and Mean Gravity mbs.				Extreme Temperatures °C								Dry Bulb Temperature C°				Relative Humidity %				Evaporation mms.	Rainfall mms.					Wind Force Beaufort Scale				Cloud Amount in Tenths				Sunshine
	8h	14h	20h	Mean	Absol. Max.	Date	Absol. Min.	Date	Mean Max.	Mean Min.	Range of Mean Extremes	Grass Min.	8h	14h	20h	Mean	8h	14h	20h	Mean		Total	Max. one Day	Date	Days with mms. ≥0.1	Days with mms. ≥1.0	8h	14h	20h	Mean	8h	14h	20h	Mean	Hours
																						mms.	mms.											
1938																																		
January	925.5	924.3	925.4	925.1	16.7	13	2.2	3, 28, 29	12.4	5.1	7.3	-4.4	6.7	11.5	7.6	7.7	79	59	74	77		97.0	26.6	15	16	13	3.6				6.2				5.6
February	926.4	925.3	926.0	925.9	18.3	15	-1.7	28	12.1	3.8	8.3	-5.0	5.9	11.3	7.2	7.1	77	55	73	75		132.8	31.9	23	12	11	3.6				4.9				7.1
March	926.0	925.0	925.7	925.6	21.1	28	0.6	1	13.7	4.6	9.1	-2.8	8.1	12.9	8.2	8.4	73	53	72	73		66.4	21.3	2	9	8	3.1				5.8				6.6
April	925.1	923.9	924.4	924.5	33.3	22	2.2	2	23.5	10.4	13.1	-1.7	16.3	22.8	15.9	16.3	52	33	55	53		1.3	0.6	18	3		3.0				3.7				9.6
May	925.3	924.1	924.6	924.7	34.4	22, 23	7.8	5	26.0	12.6	13.4	2.8	19.9	25.5	18.0	19.0	46	31	53	49		24.1	24.1	2	1	1	3.1				3.4				11.6
June	922.4	921.7	921.9	922.0	35.6	26	11.7	19	30.4	16.1	14.3	4.4	24.1	30.1	21.6	22.9	38	28	50	44							3.1				0.5				13.4
July	920.3	919.8	920.0	920.0	37.8	31	15.6	4	33.2	19.7	13.5	9.4	27.0	32.8	24.6	26.1	33	27	46	39		Drops	Drops				3.5				0.1				13.0
August	920.9	920.3	920.6	920.6	41.1	1	16.1	12	33.8	19.2	14.6	8.3	25.7	33.3	24.6	25.7	51	29	58	55							2.3				0.5				12.6
September	924.6	923.5	924.2	924.1	36.1	2, 12	11.1	29	30.6	16.5	14.1	5.0	22.8	29.8	21.5	22.7	56	35	64	60							2.3				1.3				11.3
October	927.8	926.1	927.0	927.0	33.3	15	8.9	22	27.9	13.7	14.2	2.2	19.3	27.4	18.9	19.8	55	36	61	58		0.2	0.2	15	1		1.9				2.3				10.0
November	927.9	926.5	927.4	927.3	28.9	2	5.6	12, 16	18.3	8.6	9.7	-0.6	11.9	17.6	11.8	12.7	71	49	73	72		126.5	79.4	7	8	7	2.3				5.2				6.9
December	926.6	925.1	926.1	925.9	20.0	3	2.8	22, 26, 31	15.4	5.7	9.7	-3.9	8.2	14.9	9.2	9.5	79	51	73	76		28.2	16.2	31	7	4	2.5				5.3				6.7
Year	924.9	923.8	924.4	924.4	41.1	I/VIII	-1.7	28/II	23.1	11.3	11.8	-5.0/II	16.3	22.5	15.8	16.5	59	41	63	61		476.5	79.4	7/XI	57	44	2.9				3.3				9.5

	WIND DIRECTIONS																														NUMBER OF DAYS WITH:															
	8h									14h										20h										Total									Rainfall										
	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	mms. ≥ 10.0	mms. ≥ 25.0	mms. ≥ 50.0	Dew	Snow	Hail	Lightning	Thunder-storm	Gale	Dust or Sandstorm	Fog or Mist
1938																																														
January	1.0		1.0	2.0	3.0	16.0	5.0		3.0	1.0	2.0	3.0	1.0	3.0	13.0	5.0	3.0				4.0	2.0	3.0	15.0	5.0	1.0	1.0	2.0	2.0	8.0	5.0	9.0	44.0	15.0	4.0	4.0	3	1		10			2				3
February	3.0	1.0	1.0	1.0	4.0	11.0	4.0		3.0	1.0	2.0	5.0	3.0	1.0	12.0	3.0	1.0		1.0	1.0	3.0	1.0	2.0	9.0	9.0	1.0	1.0	5.0	4.0	9.0	5.0	7.0	32.0	16.0	2.0	4.0	5	2		8	3	1	3	1	3		1
March	3.0	1.0	1.0	2.0	1.0	6.0	11.0	3.0	3.0	1.0	2.0	1.0	1.0	1.0	5.0	12.0	7.0	1.0	1.0	1.0	2.0	1.0	3.0	7.0	7.0	8.0	1.0	5.0	4.0	4.0	4.0	5.0	18.0	30.0	18.0	5.0	2			9							2
April	3.0	1.0	6.0	1.0	1.0	3.0	7.0	1.0	7.0	3.0		3.0	5.0	1.0	2.0	12.0	3.0	1.0	1.0		5.0	1.0		7.0	5.0	6.0	5.0	7.0	1.0	14.0	7.0	2.0	12.0	24.0	10.0	13.0				5						
May	3.0	2.0	5.0	2.0	1.0	1.0	11.0	2.0	4.0	8.0	1.0	1.0	3.0	1.0		8.0	9.0		6.0	1.0	2.0			4.0	5.0	7.0	6.0	17.0	4.0	8.0	5.0	2.0	5.0	24.0	18.0	10.0	1			9						
June	13.0		1.0			1.0	8.0	3.0	4.0	6.0						7.0	17.0		3.0					7.0	15.0	5.0	22.0		1.0			1.0	22.0	35.0	9.0				3						
July	11.0					1.0	6.0	11.0	2.0	6.0						6.0	19.0		12.0					5.0	9.0	5.0	29.0					1.0	17.0	39.0	7.0				3						
August	7.0					1.0	6.0	8.0	9.0	10.0						9.0	12.0		9.0				1.0	2.0	14.0	5.0	26.0					2.0	17.0	34.0	14.0				4						
September	3.0	1.0	2.0		1.0		5.0	9.0	9.0	7.0	1.0		1.0			11.0	10.0		9.0		1.0	1.0		2.0	1.0	10.0	6.0	19.0	2.0	3.0	2.0	1.0	2.0	17.0	29.0	15.0				15						
October	1.0	1.0	5.0	1.0	1.0	1.0	3.0	3.0	15.0	3.0	1.0	3.0	3.0	1.0	1.0	13.0	6.0		3.0	1.0	1.0		1.0	2.0	8.0	6.0	9.0	7.0	3.0	9.0	4.0	3.0	4.0	24.0	15.0	24.0				10			1			
November	1.0	2.0	2.0	1.0	1.0	7.0	8.0	1.0	7.0	2.0	3.0	5.0	3.0		2.0	11.0	3.0	1.0		1.0	1.0	1.0	2.0	11.0	7.0	2.0	5.0	3.0	6.0	8.0	5.0	3.0	20.0	26.0	6.0	13.0	3	1	1	12			6	3			
December	2.0	1.0	2.0	1.0	2.0	13.0	9.0		1.0	2.0	3.0	3.0	3.0	2.0	4.0	11.0	3.0				3.0	3.0	1.0	13.0	8.0	1.0	2.0	4.0	4.0	8.0	7.0	5.0	30.0	28.0	4.0	3.0	1			24							
Year	51.0	10.0	26.0	11.0	15.0	61.0	83.0	41.0	67.0	50.0	15.0	24.0	23.0	10.0	39.0	108.0	93.0	3.0	45.0	5.0	22.0	10.0	12.0	71.0	69.0	80.0	51.0	146.0	30.0	72.0	44.0	37.0	171.0	260.0	214.0	121.0	15	4	1	112	3	1	12	4	3		6

Data from Amman are supplied by the Air Ministry Meteorological Service, Middle East Area, Heliopolis, and are published by kind permission of the Director, Meteorological Office, Air Ministry, London.

STATEMENT OF RAINFALL FOR THE SEASON JUNE 1937 TO MAY 1938

(In millimetres)

Sections A-K in collaboration with the Meteorological Institute of the Hebrew University, Jerusalem.

Section L in collaboration with the Development Department, Trans-Jordan, and Iraq Petroleum Company.

Station	Height above sea-level	June to Sept. 1937	Oct. 1937	Nov. 1937	Dec. 1937	Jan. 1938	Febr. 1938	March 1938	April 1938	May 1938	Total for Season
A. Lake Hula Area											
A 1 Al Buweiziya	80	—	51.0	76.0	27.0	317.0	200.0	95.0	26.0	51.0	843.0
A 2 Yesud ha Ma'ala	75	—	27.0	60.0	30.8	169.0	115.2	59.8	8.2	37.5	507.5
A 3 Aiyelet ha Shahar	180	—	34.8	61.5	32.6	205.1	126.2	76.2	9.0	39.0	584.4
A 4 Jisr Banat Ya'qub	60	—	31.0	80.0	32.0	199.0	131.0	61.0	Drops	51.0	585.0
B. Haifa-Acre Plain											
B 1 Ras an Naqura	60	2.0	87.7	219.5	48.0	348.0	111.0	122.0	26.0	17.0	981.2
B 2 Acre	20	—	188.5	109.1	54.0	249.5	146.0	68.2	0.0	24.9	837.2
B 3 Qiryat Haiyim	10	—	80.5	108.2	58.1	237.8	115.7	54.1	12.3	19.7	686.4
B 5 Ramat Yohanan	30	—	122.5	96.5	41.5	243.0	120.0	71.5	2.5	25.0	722.5
C. Hills of Galilee											
C 1 Metulla I.	500	1.5	76.3	78.7	60.4	388.1	209.8	102.1	21.7	69.0	1007.6
C 3 Kfar Giladi	350	—	59.8	63.2	74.0	398.5	224.7	96.0	20.6	65.0	1001.8
C 4 Manawat	(65)	—	157.5	140.5	67.0	358.9	158.5	88.0	26.0	22.0	1018.4
C 5 Mi'ilya	500	—	138.0	163.8	72.8	447.0	202.6	82.5	23.0	45.7	1175.4
C 8 Rosh Pinna	(435)	—	57.5	91.0	44.0	336.0	201.2	104.7	19.3	38.5	892.2
C10 Farradiya	410	—	56.5	85.0	50.0	337.5	189.5	96.0	20.0	(35)	(869.5)
C11 Mizpa	75	—	48.0	62.0	10.0	245.0	112.0	72.0	2.0	32.0	583.0
C12 Sajara	240	—	48.2	51.0	18.5	235.0	133.5	80.3	3.0	30.5	600.0
C16 Nazareth (Gal.Orph.)	(375)	—	43.0	60.5	29.0	268.0	121.5	106.5	2.5	33.5	664.5
C17 Nazareth (Forest Nursery)	(375)	—	34.0	55.0	31.0	262.5	129.5	102.0	7.0	35.0	656.0
C18 Nazareth (Town)	(375)	—	39.7	63.7	14.5	285.5	140.0	112.0	3.5	34.5	693.4
C19 Yavneel	—30	—	50.0	31.5	0.0	172.0	98.9	74.0	(0.0)	33.6	(460.0)
C20 Mount Tabor	130	—	23.0	67.2	11.4	190.6	89.2	67.0	1.0	26.1	475.5
C21 Kfar Tavor	110	—	33.0	49.2	4.0	202.4	109.8	81.8	2.0	26.0	508.2
C22 Ginegar	(125)	—	42.0	61.0	26.5	240.5	128.5	53.0	3.0	41.0	595.5
D. Carmel Range											
D 1 Haifa (District Off.)	10	—	137.0	133.5	92.6	235.3	120.3	53.6	14.2	20.7	807.2
D 2 Haifa (Germ. School)	20	—	116.1	139.3	71.6	225.6	120.8	55.6	15.4	21.5	765.9
D 3 Haifa (Hadar)	90	—	134.3	147.6	82.4	265.9	146.9	75.4	26.0	24.3	902.8
D 5 Nesher	20	—	138.0	125.8	43.2	279.7	130.9	78.7	10.6	18.9	825.8
D 6 Yajur	30	—	87.0	111.1	55.0	344.5	179.0	100.0	15.0	31.3	922.9
D 7 Atlit Shore	10	—	28.0	106.5	54.0	224.8	90.0	68.0	5.0	20.5	596.8
D 8 Atlit Village	30	—	29.9	91.2	54.2	241.2	115.6	90.6	7.7	27.0	657.4
D 9 Yoqneam	70	—	56.5	72.5	48.5	278.5	170.5	90.5	4.5	36.0	757.5
D10 Shefeiya	120	—	54.0	112.3	31.8	305.5	108.8	92.0	9.0	23.8	737.2
D11 Zikhron Ya'aqov	160	—	64.9	123.4	43.5	277.7	98.3	98.5	1.6	22.7	730.6
E. Plain of Esdraelon											
E 1 Nahalal I	90	—	60.3	85.8	36.5	244.0	116.3	93.5	1.5	25.5	663.4
E 2 Kfar Yeladim	170	—	33.2	54.4	12.6	214.0	115.1	72.7	1.5	26.5	530.0
E 4 Gvat	110	—	65.6	85.3	15.7	227.2	97.5	81.5	3.0	31.0	606.8
E 8 Mizra	100	—	29.0	64.0	24.0	193.5	85.0	77.0	32.0	25.0	529.5
E 9 Balfouriya	100	—	49.5	65.0	19.4	208.9	114.0	72.5	5.6	28.5	563.4
E10 Mishmar Haemeq	100	—	80.0	71.0	29.5	296.0	175.2	112.5	0.0	36.0	800.2
E11 Affula	60	—	51.0	64.0	11.0	213.9	114.8	60.2	5.5	28.0	548.4
E12 Merhaviya	(70)	—	64.0	66.4	11.4	203.7	113.2	66.5	3.6	23.0	551.8
E13 Muqeibila	100	—	37.0	58.0	11.0	144.0	99.0	70.0	0.0	18.0	437.0
F. Ain Harod and Beisan Plain											
F 2 Giva	20	—	84.9	62.8	15.6	170.0	116.3	76.9	4.2	33.7	564.4
F 3 Ein Harod (Qumiya)	20	—	102.5	42.2	7.4	149.3	109.1	68.6	2.2	33.2	514.5
F 5 Ein Harod (Spring)	—20	—	78.6	33.7	10.1	173.0	116.3	76.9	4.2	33.7	526.5
F 6 Beit ha Shita	—70	—	69.6	49.5	9.0	143.4	81.9	82.2	0.0	36.0	471.6
F 7 Beit Alfa	—60	—	48.7	29.2	14.2	176.2	101.8	73.6	0.7	21.5	465.9
F 9 Beisan	—120	—	59.5	32.0	11.5	108.0	59.0	65.0	0.0	21.0	356.0
G. Jordan Valley											
G 1 Migdal	(—200)	—	42.0	55.0	12.0	224.0	114.0	76.0	7.0	37.0	567.0
G 2 Tiberias (Distr. Off.)	(—160)	—	57.0	67.5	24.5	226.7	114.3	70.0	2.5	29.5	592.0
G 3 Tiberias (Hot Spr.)	—200	—	(50)	(60)	22.5	200.5	103.5	66.5	3.0	29.0	(535.0)
G 5 Kinneret (Group)	—170	—	14.8	22.0	10.6	166.5	84.3	67.0	18.0	29.4	412.6
G 6 Deganya A	—200	—	18.0	37.5	17.5	174.0	87.4	56.2	0.0	29.0	419.6
G 7 Samakh	—200	—	8.5	19.5	12.0	136.0	64.5	42.0	0.0	18.5	301.0
G 8 Bitanya	—200	—	2.5	24.0	8.5	164.5	79.0	61.5	0.0	28.5	368.5
G12 Dalhamiya	—190	—	18.4	47.7	8.9	158.6	99.3	62.2	1.8	19.1	416.0
G13 Tel-Or	(—240)	—	40.6	41.9	12.3	180.7	95.8	85.9	6.1	33.0	496.3
G15 Jisr Sheikh Hussein	(—280)	—	19.0	21.5	11.5	125.0	74.0	67.0	0.0	19.0	337.0
G16 Jisr ad Damiya	—300	—	12.0	10.0	0.0	67.5	63.0	23.0	0.0	11.0	186.5
G17 Allenby Bridge	—360	—	0.0	26.0	0.0	43.0	51.0	16.0	0.0	6.0	142.0
G18 Jericho	—260	—	8.0	47.0	1.5	52.5	59.0	20.5	1.0	7.0	196.5
G19 Dead Sea North											
G20 Dead Sea South (camp)	—390	—	2.5	22.2	0.0	26.3	20.8	15.8	4.0	4.0	95.6
	—390	—	0.0	2.8	1.2	30.2	5.5	8.3	0.0	1.0	49.0
G21 Dead Sea South (pans)	—380	—	0.0	7.5	0.0	29.1	2.3	4.5	0.0	0.0	43.4

STATEMENT OF RAINFALL FOR THE SEASON JUNE 1937 TO MAY 1938 (Continued)

Station	Height above sea-level	June to Sept. 1937	Oct. 1937	Nov. 1937	Dec. 1937	Jan. 1938	Febr. 1938	March 1938	April 1938	May 1938	Total for Season
H. Coastal Plain											
H 1 Pardess Hanna (Post Off.)	70	—	51.1	127.6	53.3	233.2	127.0	80.5	4.2	17.8	694.7
H 2 Pardess Hanna (South)	70	—	54.6	132.4	51.9	231.7	133.0	82.2	1.5	19.3	706.6
H 3 Ain Shemer	80	—	52.0	136.8	43.2	234.7	126.0	92.3	5.5	19.0	709.5
H 4 Gan Shemuel	30	—	49.5	130.0	54.0	212.0	99.4	71.3	2.5	18.0	636.7
H 5 Tel-Meged	50	—	(50)	(120.6)	49.7	201.6	132.3	81.2	3.8	19.0	(658.2)
H 6 Hadera	60	—	44.1	166.9	52.3	238.8	103.1	82.8	0.0	19.0	707.0
H 9 Mishmar ha Sharon .	25	—	80.9	110.0	72.1	241.8	118.4	66.4	4.3	21.0	714.9
H10 Nathanya (School) ..	40	—	109.5	165.0	98.0	217.0	91.5	62.0	10.0	18.0	771.0
H14 Even Yehuda	40	—	84.3	56.1	73.4	203.1	108.1	63.6	(5)	(25)	(618.6)
H16 Herut	70	—	68.9	79.5	64.0	298.0	129.5	62.5	1.0	33.0	736.4
H17 Gan Litwinsky	30	—	56.5	44.4	97.6	262.8	118.3	54.2	Drops	15.8	649.6
H20 Qalmaniya	70	—	55.0	64.0	63.5	327.5	120.0	62.0	1.0	16.0	709.0
H21 Kfar Saba	50	—	67.0	72.5	53.0	317.0	143.5	60.5	(0.0)	15.0	(728.5)
H22 Herzliya	60	—	116.0	60.5	62.0	264.5	116.0	55.3	0.5	11.0	685.8
H23 Kfar Malal	60	—	62.4	66.5	60.1	323.3	150.2	64.7	0.5	16.0	743.7
H24 Ramat Hasharon ..	75	—	116.4	68.4	43.5	268.4	125.1	64.4	0.0	16.0	702.2
H27 Tel Aviv (North) ..	15	—	101.1	60.3	68.7	288.9	118.5	59.3	1.1	13.6	711.5
H28 Ramat Gan	(50)	—	68.5	83.3	65.6	342.5	130.6	48.3	10.0	11.6	760.4
H29 Giv'at ha Shelosha .	60	—	94.5	67.0	52.0	352.0	178.0	51.0	0.0	21.0	815.5
H30 Petah Tiqva	50	—	80.2	74.7	56.3	334.8	164.4	59.5	0.6	23.0	793.5
H31 Sarona	20	—	98.0	55.5	79.0	308.0	137.5	48.0	0.5	14.5	741.0
H32 Tel Aviv (City) ..	30	—	103.8	50.9	80.3	345.0	115.9	56.1	0.2	13.0	765.2
H33 Jaffa	10	—	71.5	83.0	79.1	277.0	94.2	49.6	0.0	9.5	663.9
H34 Miqve Yisrael	25	—	62.3	77.4	69.1	296.4	132.8	69.8	Drops	12.2	720.0
H35 Wilhelma	55	—	103.0	54.5	53.5	331.5	147.2	74.6	1.5	26.0	791.8
H36 Lydda Airport ..	40	—	(90)	(55)	(50)	278.0	141.9	59.2	0.3	14.5	(688.9)
H37 Gan Moshe	50	—	73.0	52.0	45.0	341.0	149.0	57.0	0.0	24.0	741.0
H38 Sarafand	60	—	77.0	42.5	55.8	276.2	134.4	50.2	0.0	22.0	658.1
H39 Rishon le Zion . ..	60	—	76.0	45.0	72.0	342.0	168.0	52.0	0.0	15.0	770.0
H40 Ben Shemen	70	—	40.1	19.7	32.9	275.1	127.7	58.5	0.1	20.4	574.5
H41 Ness Ziona II	60	—	90.7	58.0	70.1	299.1	145.7	52.9	0.0	9.7	726.2
H42 Bir Salim	(75)	—	53.0	81.8	43.5	342.7	163.4	59.9	0.0	12.3	756.6
H43 Nes Ziona I	30	—	60.0	68.5	44.1	289.1	144.2	55.2	0.0	9.0	670.1
H44 Ramle	80	—	49.6	57.2	46.3	299.7	172.5	62.4	0.3	10.5	698.5
H46 Rehovot (Exp. Stat.)	60	—	52.7	76.8	36.3	279.9	156.1	55.0	Drops	11.7	668.5
H47 Rehovot (Colony) ..	50	—	48.2	61.4	33.6	313.5	204.6	39.5	0.0	9.3	710.1
H50 Eqron	60	—	42.5	117.5	36.5	239.5	167.0	57.5	(0.0)	(9)	(669.5)
H52 Gedera	75	—	41.7	99.6	64.0	226.7	130.4	67.0	0.0	9.0	638.4
H53 Masmiya al Kabira	60	—	57.4	67.5	17.2	189.3	139.8	56.9	0.0	6.1	534.2
H54 al Kheima	100	—	49.0	71.0	25.1	193.8	129.4	64.4	3.0	8.0	543.7
H55 Beer Tuviya	50	—	36.4	123.0	46.0	229.0	184.2	104.6	(0)	(6)	(729.2)
H56 al Faluja	100	—	58.0	90.5	26.0	181.5	115.0	70.0	0.0	0.0	541.0
H57 Majdal (Village) ..	40	—	69.0	104.0	27.0	316.0	120.0	70.0	0.0	0.0	706.0
H58 Majdal (Agr. Stat.) .	50	—	78.5	80.5	42.7	258.6	144.1	105.3	Drops	5.5	715.2
H59 Gaza (Govt. Off.) ..	45	—	60.2	77.2	35.8	215.1	56.6	139.3	0.0	4.7	588.9
H60 Gaza (Aerodrome) ..	75	—	31.5	77.1	22.7	196.7	64.6	148.1	5.2	0.0	545.9
H61 Khan Yunis	45	—	25.5	58.5	40.0	91.0	36.0	51.0	0.0	0.0	302.0
J. Samarian and Judean Hills											
J 1 Jenin	160	—	51.1	42.7	28.4	160.4	137.4	76.2	0.8	30.8	527.8
J 3 Tulkarm	80	—	51.2	47.5	43.1	256.2	121.4	68.4	2.4	25.0	615.2
J 4 Nablus	490	—	27.0	38.3	38.5	237.5	217.0	73.5	0.0	27.0	658.8
J 5 Bir Zeit	780	—	(30)	(75)	(30)	371.4	294.2	115.4	0.0	19.8	(995.8)
J 7 Ramallah (Town) ..	(840)	—	17.2	81.7	25.3	377.8	338.8	185.1	0.0	13.5	1039.4
J 8 Atarot	740	—	17.1	57.4	19.9	265.8	261.7	117.5	0.0	11.0	751.0
J10 al Qubeiba	780	—	40.3	48.5	26.3	204.6	234.2	86.7	(1)	(13)	(654.6)
J12 Latrun (Monastery) .	200	—	41.5	95.7	43.7	244.8	169.0	78.6	2.6	15.9	691.8
J13 Bab el Wad	(350)	—	30.0	125.9	20.5	197.5	198.5	72.5	4.0	8.5	657.4
J15 Khan el Ahmar ..	280	—	3.0	30.0	4.7	70.5	81.0	23.0	0.0	0.0	212.2
J17 Qiryat Anavim	690	—	40.9	57.1	37.9	320.0	313.3	103.5	3.5	0.7	876.9
J19 Moza	720	—	61.3	64.2	34.0	291.5	293.4	111.5	0.0	13.0	868.9
J20 Jerusalem: Romema	830	—	28.2	43.1	10.5	213.2	232.3	84.0	0.0	0.0	611.3
J21 Jerusalem: Syr. Orph.	820	—	32.5	45.5	17.0	248.0	258.0	102.9	2.7	14.0	720.6
J22 Jerusalem: Zikhron Moshe ..	810	—	29.6	37.9	16.3	222.0	240.9	90.5	0.0	13.3	650.5
J23 Jerusalem: American Colony ..	750	—	25.2	34.2	11.2	276.2	286.5	105.2	1.4	9.0	748.9
J24 Jerusalem: Hebrew University ..	825	—	27.9	28.8	10.5	218.0	255.3	92.1	2.5	10.5	645.6
J25 Jerusalem: Beit Hakerem ..	800	—	39.3	49.8	23.6	263.4	263.9	86.7	2.3	11.9	740.9
J26 Jerusalem: Notre Dame de France ..	780	—	21.5	35.0	12.5	213.0	222.0	84.0	1.5	8.5	598.0
J27 Jerusalem: St. Anne.	740	—	25.4	36.6	11.6	221.2	248.6	96.8	0.0	0.0	640.2
J28 Jerusalem: Palace Hotel ..	780	—	22.7	34.5	14.6	219.4	220.2	94.4	1.8	8.3	615.9
J29 Jerusalem: Germ. Colony ..	740	—	33.1	42.9	15.8	192.3	212.9	90.9	1.7	14.0	603.6
J30 Rafat	260	—	61.5	84.6	20.3	204.4	189.6	71.5	Drops	4.0	635.9
J32 Hartuv (Colony) ..	240	—	32.2	60.6	30.4	179.5	217.1	82.1	0.0	10.1	612.0
J36 Beit Gemal	350	—	54.9	51.6	31.2	188.4	162.9	85.5	0.1	7.9	582.5
J40 Arroub	810	—	20.3	42.0	24.3	23.7	222.0	131.5	0.0	7.0	684.1
J41 Beit Jibrin	(280)	—	64.0	48.1	25.3	244.8	169.8	98.0	0.0	0.0	650.0
J42 Hebron	(925)	—	25.5	57.7	14.4	185.7	140.9	100.5	0.0	0.0	524.7
J44 adh Dhahiriya	660	—	31.0	38.0	13.5	151.5	90.0	54.0	0.0	0.0	378.0

STATEMENT OF RAINFALL FOR THE SEASON JUNE 1937 TO MAY 1938 (Concluded)

Station	Height above sea-level	June to Sept. 1937	Oct. 1937	Nov. 1937	Dec. 1937	Jan. 1938	Febr. 1938	March. 1938	April 1938	May 1938	Total for Season
K. Negev											
K 1 Ruhama	170	—	16.0	86.0	35.0	198.0	82.0	93.0	0.0	0.0	510.0
K 2 al Imara	90	—	16.0	234.0	15.0	83.0	60.0	48.0	0.0	0.0	456.0
K 3 Beersheba	275		22.5	60.9	5.2	77.0	27.5	40.5	0.0	2.5	236.1
K 4 Ras az Zuweira	550	—	11.0	5.0	0.0	51.0	25.5	9.0	0.0	0.0	101.5
K 6 Kurnub	450	—	3.0	32.0	5.0	27.0	36.0	27.0	0.0	0.0	130.0
K 7 Bir Asluj	320	—	23.0	40.0	5.0	43.0	18.0	41.0	0.0	0.0	170.0
K 8 Auja al Hafir	240	—	45.0	66.0	7.5	89.0	40.0	37.0	0.0	0.0	284.5
L. Transjordan											
L 1 Kafr Som	455	—	10.5	40.5	19.0	191.0	141.5	79.5	4.5	20.5	507.0
L 2 Kharja	455	—	7.2	(135)	11.0	179.0	130.5	67.0	3.5	21.0	(554.0)
L 4 Um Qeis	360	—	32.0	28.5	18.0	222.0	123.0	84.5	2.5	22.0	532.5
L 5 Irbid	585	—	17.8	31.8	16.2	156.5	159.0	72.5	6.5	30.0	490.3
L 6 Ramtha	520	—	2.0	32.0	6.0	93.5	79.5	63.5	0.0	20.5	297.0
L 7 Taiba	385	—	39.0	9.0	38.0	247.5	139.5	66.0	0.0	21.2	560.2
L 8 Kafr Yuba	560	—	8.5	91.5	32.0	229.0	166.0	59.0	10.0	24.0	656.0
L 9 Hawara	560	—	0.0	(85.1)	3.2	62.9	64.0	46.6	0.0	22.0	(283.8)
L10 H 4	690	—	21.3	31.8	0.0	20.6	0.5	25.7	3.6	14.2	117.7
L11 Deir Abu Said	330	—	20.0	17.0	23.0	237.0	149.5	114.0	3.0	20.0	583.5
L12 Kafr Awan	470	—	30.0	44.0	29.5	221.0	176.5	98.5	2.5	24.0	626.0
L13 Ibbin	1105	—	(50)	26.0	33.0	253.0	192.0	120.0	5.2	31.5	(710.7)
L14 Mafrak	690	—	15.5	37.1	3.0	50.5	55.1	27.2	1.3	21.6	211.3
L17 Kafrinja	640	—	27.0	27.5	39.0	304.0	216.0	125.5	7.0	31.0	777.0
L18 Kitta	665	—	20.0	18.5	6.0	258.5	252.1	110.0	2.0	29.0	696.1
L19 H 5	715	—	0.5	24.4	1.3	34.0	10.4	23.4	5.6	17.3	116.9
L20 Zerka	610	—	1.0	35.5	0.0	49.5	76.5	23.5	0.0	24.0	210.0
L21 Salt	795	—	21.0	29.0	19.5	446.0	340.5	109.5	0.0	31.0	996.5
L22 Jubeiha	980	—	(15)	(20)	52.2	152.5	182.0	87.0	0.0	57.5	566.2
L23 Amman	790	Drops	4.6	14.0	1.1	97.0	132.8	66.4	1.3	24.1	341.3
L27 Madaba	785	—	4.0	44.0	1.0	141.0	116.0	83.0	0.0	8.0	397.0
L30 Hamud (Kerak)	890	—	11.5	18.0	3.0	146.5	83.0	45.5	0.0	8.0	315.5
L34 Mazar („)	1140	—	41.0	29.5	12.5	165.5	73.5	86.0	0.0	6.0	414.0
L37 Tafila	1000	—	42.5	44.5	15.5	140.0	51.0	59.0	0.0	1.8	354.3
L38 Boseira	1100	—	(20)	57.0	0.0	165.0	91.0	75.0	0.0	0.0	(408.0)
L41 Shobek	1330	—	0.0	(25)	20.5	144.0	96.0	98.0	3.5	1.0	(388.0)
L42 Wadi Musa	1000	—	16.0	53.0	16.0	96.5	53.5	54.5	2.5	0.0	292.0
L43 Jafar	(800)	—	1.0	25.0	3.0	10.0	3.5	1.5	2.5	1.0	47.5
L44 Ma'an	1080	—	18.0	20.0	0.0	15.0	10.5	6.0	8.0	2.0	79.5

MONTHLY FREQUENCY TABLES.

Summary of Observations of Horizontal Visibility and Height of Base of Low Cloud in the form approved by the International Commission for Air Navigation.

STATION: LYDDA-AIRPORT. YEAR: 1938. φ: 31°59'N. λ: 34°54'E. H: 40m.

	The Code Figures have the Following Meaning:																				
Visibility	Less than 50 m	50 m to 200 m	200 m to 500 m	500 m to 1000 m	1 km to 2 km	2 km to 4 km	4 km to 10 km	10 km to 20 km	20 km to 50 km	More than 50 km	Less than 50 m	50 m to 100 m	100 m to 200 m	200 m to 300 m	300 m to 600 m	600 m to 1000 m	1000 m to 1500 m	1500 m to 2000 m	2000 m to 2500 m	No low cloud	Cloud Height
Code Figure	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	Code Figure

OBSERVATIONS OF VISIBILITY *

Table 1.

	at 0600h GMT										at 1200h GMT										at 1800h GMT									
	Number of Observations with the Following Code Figures:																													
	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
January	—	—	—	—	1	4	2	15	5	4	—	—	—	—	1	2	6	10	9	3	—	—	—	—	2	1	6	11	4	1
February	—	—	1	—	—	1	9	9	4	4	—	—	—	—	1	1	8	10	5	3	—	—	—	1	—	1	8	12	4	2
March	—	—	—	—	—	1	—	19	10	1	—	—	—	—	—	—	1	11	15	4	—	—	—	—	—	1	3	15	11	1
April	—	—	—	—	—	2	3	11	12	1	—	—	—	—	—	—	1	11	15	2	—	—	—	—	1	—	2	14	8	3
May	—	—	—	—	—	—	1	12	17	1	—	—	—	—	—	—	—	8	20	3	—	—	—	—	—	—	2	13	12	3
June	—	—	—	—	—	—	—	16	14	—	—	—	—	—	—	—	—	10	16	4	—	—	—	—	—	—	—	17	11	1
July	—	—	—	—	—	—	—	3	28	—	—	—	—	—	—	—	—	—	30	1	—	—	—	—	—	—	—	10	19	2
August	—	—	—	—	—	—	—	—	31	—	—	—	—	—	—	—	—	—	31	—	—	—	—	—	—	—	—	1	30	—
September	—	—	—	—	—	—	—	1	29	—	—	—	—	—	—	—	—	—	30	—	—	—	—	—	—	—	—	1	27	2
October	—	—	—	—	—	—	—	5	26	—	—	—	—	—	—	—	—	3	25	3	—	—	—	—	—	—	—	4	26	—
November	—	—	—	—	1	—	3	1	23	2	—	—	—	—	—	2	1	2	17	8	—	—	—	—	—	1	2	1	26	—
December	—	—	—	—	—	—	2	6	23	—	—	—	—	—	—	—	3	7	20	1	—	—	—	—	—	—	4	4	23	—
Year	—	—	1	—	2	8	20	98	222	13	—	—	—	—	2	5	20	72	243	32	—	—	—	1	3	4	27	103	201	15

*In 1938 fog was observed only twice. Both cases occurred in May: one at 0600 h, the other at 1800 h.

OBSERVATIONS OF HEIGHT OF BASE OF LOW CLOUD.

Table 2.

	at 0600h GMT										at 1200h GMT										at 1800h GMT									
	Number of Observations with the Following Code Figures:																													
	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
January	—	—	—	—	2	12	4	8	—	5	—	—	—	2	2	9	6	10	—	2	—	—	1	—	3	9	4	6	—	3
February	—	—	—	1	2	6	7	—	7	5	—	—	—	—	3	7	5	4	3	6	—	—	—	—	3	5	7	3	1	9
March	—	—	—	—	—	6	10	9	2	4	—	—	—	—	—	5	12	9	1	2	—	—	—	—	—	1	16	2	—	12
April	—	—	1	—	2	3	10	3	—	11	—	—	—	—	1	—	6	11	—	11	—	—	—	—	—	—	2	7	—	19
May	—	—	1	1	7	7	6	1	—	8	—	1	—	—	—	3	9	6	—	12	—	—	—	—	—	3	6	4	1	16
June	—	—	—	1	2	16	9	1	—	2	—	—	—	—	—	5	6	3	—	17	—	—	—	—	—	5	13	3	—	10
July	—	—		—	5	11	15	—		—	—	—	—	—	—	2	17	2	—	10	—	—	—	—	—	5	16	—	—	10
August	—	—	—	—	—	18	13	—	—	—	—	—	—	—	—	2	22	—	—	7	—	—	—	—	2	10	10	—	—	9
September	—	—	—	—	—	15	12	—	2	1	—	—	—	—	—	4	21	1	—	4	—	—	—	—	—	9	7	—	—	14
October	—	—		—	—	10	13	—	1	7	—	—	—	—	—	4	15	3	—	9	—	—	—	—	—	9	4	—	1	16
November	—	—	—	—	2	7	16	1	—	4	—	—	—	—	1	9	12	1	—	7	—	—	—	—	1	10	3	1	—	15
December	—	—	—	—	—	8	9	6	1	7	—	—	—	—	1	8	10	4	2	6	—	—	—	—	—	12	9	—	2	8
Year		—	2	3	22	119	124	29	13	54		1	—	2	8	58	141	54	6	93	—	—	1	—	9	78	97	26	5	141

OBSERVATIONS OF HEIGHT OF BASE OF LOW CLOUD WHEN AMOUNT OF LOW CLOUD IS 9 OR 10 TENTHS.

Table 3.

	at 0600h GMT									at 1200h GMT									at 1800h GMT								
	Number of Observations with the Following Code Figures:																										
	0	1	2	3	4	5	6	7	8	0	1	2	3	4	5	6	7	8	0	1	2	3	4	5	6	7	8
January	—	—	—	—	2	5	—	—	—	—	—	—	2	2	3	—	—	—	—	—	—	—	3	5	1	—	—
February	—			1	1	1	—	—	—	—	—	—	—	3	4	1	—	—	—	—	—	—	3	4	—	—	—
March		—			—	3	—	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—	—	1	3	—	—
April	—	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
May	—			—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
June			—	—	—	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
July	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
August	—			—		—				—	—		—	—		—		—	—	—	—	—	—	—	—	—	—
September	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
October		—	—	—	—		—	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—	—	—	—
November	—	—	—	—	1	1	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	1	2	—	—	—
December	—	—	—	—	—	1	—	—	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—
Year	—	—	—	1	6	12	1	—	—	—	—	—	2	5	9	2	—	—	—	—	—	—	7	12	5	—	—

FREQUENCIES OF UPPER-WINDS, LYDDA-AIRPORT, 1938,

λ = 34°54' E. φ = 31°59' N. H = 40 m. Pilot Balloons released at 0400—0600 G.M.T.

JANUARY

Velocity in km/h.	N	NE	E	SE	S	SW	W	NW
200 m:	≦ 5 km/h: 2						no. of obs. 27	
6—25	—	—	1	2	5	2	1	1
26—50	—	—	—	—	7	6	—	—
51—75	—	—	—	—	—	—	—	—
≧ 76	—	—	—	—	—	—	—	—
Total:	—	—	1	2	12	8	1	1
500 m:	≦ 5 km/h: 1						no. of obs. 27	
6—25	2	—	—	1	6	2	2	1
26—50	—	—	—	—	—	7	3	—
51—75	—	—	—	1	1	—	—	—
≧ 76	—	—	—	—	—	—	—	—
Total:	2	—	—	2	7	9	5	1
1000 m:	≦ 5 km/h: 0						no. of obs. 21	
6—25	—	1	2	1	3	—	3	3
26—50	—	—	—	—	1	3	2	1
51—75	—	—	—	—	—	1	—	—
≧ 76	—	—	—	—	—	—	—	—
Total:	—	1	2	1	4	4	5	4
2000 m:	≦ 5 km/h: 0						no. of obs. 17	
6—25	—	—	1	—	1	1	4	1
26—50	1	—	—	—	1	1	2	1
51—75	—	—	—	—	—	2	1	—
≧ 76	—	—	—	—	—	—	—	—
Total:	1	—	1	—	2	4	7	2
3000 m:	≦ 5 km/h: 0						no. of obs. 10	
6—25	—	—	—	1	—	—	—	1
26—50	1	—	—	1	—	—	4	1
51—75	—	—	—	—	—	—	1	—
≧ 76	—	—	—	—	—	—	—	—
Total:	1	—	—	2	—	—	5	2

FEBRUARY

Velocity in km/h.	N	NE	E	SE	S	SW	W	NW
200 m:	≦ 5 km/h: 1						no. of obs. 27	
6—25	2	—	2	4	6	2	2	1
26—50	—	—	1	—	2	3	—	—
51—75	—	—	—	—	—	1	—	—
≧ 76	—	—	—	—	—	—	—	—
Total:	2	—	3	4	8	6	2	1
500 m:	≦ 5 km/h: 2						no. of obs. 27	
6—25	2	1	1	1	4	2	3	2
26—50	—	1	1	—	—	4	2	—
51—75	—	—	—	—	—	—	—	1
≧ 76	—	—	—	—	—	—	—	—
Total:	2	2	2	1	4	6	5	3
1000 m:	≦ 5 km/h: 3						no. of obs. 24	
6—25	1	—	2	2	1	1	4	4
26—50	—	—	1	—	—	2	1	1
51—75	—	—	—	—	—	1	—	—
≧ 76	—	—	—	—	—	—	—	—
Total:	1	—	3	2	1	4	5	5
2000 m:	≦ 5 km/h: 0						no. of obs. 16	
6—25	—	—	1	—	3	2	2	—
26—50	—	—	—	—	2	1	3	2
51—75	—	—	—	—	—	—	—	—
≧ 76	—	—	—	—	—	—	—	—
Total:	—	—	1	—	5	3	5	2
3000 m:	≦ 5 km/h: 0						no. of obs. 15	
6—25	—	—	—	—	1	1	1	—
26—50	1	—	—	—	1	5	2	—
51—75	—	—	—	—	—	—	1	1
≧ 76	—	—	—	—	—	—	1	—
Total:	1	—	—	—	2	6	5	1

MARCH

Velocity in km/h.	N	NE	E	SE	S	SW	W	NW
200 m:	≦ 5 km/h: 1						no. of obs. 31	
6—25	1	3	1	3	8	4	4	—
26—50	—	—	2	—	2	2	—	—
51—75	—	—	—	—	—	—	—	—
≧ 76	—	—	—	—	—	—	—	—
Total	1	3	3	3	10	6	4	—
500 m:	≦ 5 km/h: 1						no. of obs. 31	
6—25	3	1	—	1	3	5	7	2
26—50	3	—	1	1	—	—	3	—
51—75	—	—	—	—	—	—	—	—
≧ 76	—	—	—	—	—	—	—	—
Total:	6	1	1	2	3	5	10	2
1000 m:	≦ 5 km/h: 1						no. of obs. 29	
6—25	2	2	—	1	—	5	8	2
26—50	1	1	—	—	1	—	3	2
51—75	—	—	—	—	—	—	—	—
≧ 76	—	—	—	—	—	—	—	—
Total:	3	3	—	1	1	5	11	4
2000 m:	≦ 5 km/h: 0						no. of obs. 22	
6—25	1	1	1	—	3	2	5	2
26—50	2	—	—	—	—	—	3	1
51—75	—	—	—	—	—	—	1	—
≧ 76	—	—	—	—	—	—	—	—
Total:	3	1	1	—	3	2	9	3
3000 m:	≦ 5 km/h: 0						no. of obs. 14	
6—25	1	—	—	—	1	3	1	1
26—50	—	—	—	—	—	1	1	2
51—75	1	—	—	—	—	—	1	—
≧ 76	—	—	—	—	—	—	—	1
Total:	2	—	—	—	1	4	3	4

APRIL

Velocity in km/h.	N	NE	E	SE	S	SW	W	NW
200 m:	≦ 5 km/h: 3						no. of obs. 24	
6—25	—	2	3	1	5	1	2	1
26—50	—	—	—	1	2	3	—	—
51—75	—	—	—	—	—	—	—	—
≧ 76	—	—	—	—	—	—	—	—
Total:	—	2	3	2	7	4	2	1
500 m:	≦ 5 km/h: 3						no. of obs. 21	
6—25	1	1	—	1	1	3	2	—
26—50	—	—	—	2	1	2	1	1
51—75	—	—	1	—	—	—	1	—
≧ 76	—	—	—	—	—	—	—	—
Total:	1	1	1	3	2	5	4	1
1000 m:	≦ 5 km/h: 0						no. of obs. 15	
6—25	2	1	—	1	—	3	1	2
26—50	—	1	—	1	—	—	1	—
51—75	—	—	—	1	—	—	1	—
≧ 76	—	—	—	—	—	—	—	—
Total:	2	2	—	3	—	3	3	2
2000 m:	≦ 5 km/h: 0						no. of obs. 7	
6—25	—	—	—	—	1	2	1	1
26—50	1	—	—	—	—	1	—	—
51—75	—	—	—	—	—	—	—	—
≧ 76	—	—	—	—	—	—	—	—
Total:	1	—	—	—	1	3	1	1
3000 m:	≦ 5 km/h: 0						no. of obs. 7	
6—25	—	—	—	1	—	1	—	2
26—50	1	—	—	—	—	—	1	—
51—75	—	—	—	—	—	1	—	—
≧ 76	—	—	—	—	—	—	—	—
Total:	1	—	—	1	—	2	1	2

FREQUENCIES OF UPPER-WINDS AT LYDDA-AIRPORT (*contd.*)

MAY

Velocity in km/h.	N	NE	E	SE	S	SW	W	NW
200 m:	≦ 5 km/h: 6						no. of obs. 30	
6—25	—	—	1	3	10	8	—	—
26—50	—	—	—	—	—	1	—	—
51—75	—	—	—	—	—	—	1	—
≧ 76	—	—	—	—	—	—	—	—
Total:	—	—	1	3	10	9	1	—
500 m:	≦ 5 km/h: 3						no. of obs. 28	
6—25	4	2	2	—	—	7	5	2
26—50	—	—	—	1	—	1	—	—
51—75	—	—	—	—	—	—	1	—
≧ 76	—	—	—	—	—	—	—	—
Total:	4	2	2	1	—	8	6	2
1000 m:	≦ 5 km/h: 0						no. of obs. 23	
6—25	3	1	3	2	1	2	5	3
26—50	1	—	—	1	—	—	1	—
51—75	—	—	—	—	—	—	—	—
≧ 76	—	—	—	—	—	—	—	—
Total:	4	1	3	3	1	2	6	3
2000 m:	≦ 5 km/h: 1						no. of obs. 19	
6—25	2	1	—	3	1	—	2	3
26—50	2	—	—	—	—	—	—	2
51—75	—	—	—	—	—	—	2	—
≧ 76	—	—	—	—	—	—	—	—
Total:	4	1	—	3	1	—	4	5
3000 m:	≦ 5 km/h: 1						no. of obs. 15	
6—25	—	—	1	—	—	1	3	4
26—50	—	—	—	—	—	—	1	3
51—75	—	—	—	—	—	—	1	—
≧ 76	—	—	—	—	—	—	—	—
Total:	—	—	1	—	—	1	5	7

JUNE

Velocity in km/h.	N	NE	E	SE	S	SW	W	NW
200 m:	≦ 5 km/h: 3						no. of obs. 29	
6—25	—	—	—	3	10	11	1	1
26—50	—	—	—	—	—	—	—	—
51—75	—	—	—	—	—	—	—	—
≧ 76	—	—	—	—	—	—	—	—
Total:	—	—	—	3	10	11	1	1
500 m:	≦ 5 km/h: 4						no. of obs. 29	
6—25	—	2	—	—	1	14	3	3
26—50	1	—	—	—	1	—	—	—
51—75	—	—	—	—	—	—	—	—
≧ 76	—	—	—	—	—	—	—	—
Total:	1	2	—	—	2	14	3	3
1000 m:	≦ 5 km/h: 0						no. of obs. 25	
6—25	4	—	—	—	—	2	3	4
26—50	10	1	—	—	—	—	—	1
51—75	—	—	—	—	—	—	—	—
≧ 76	—	—	—	—	—	—	—	—
Total:	14	1	—	—	—	2	3	5
2000 m:	≦ 5 km/h: 2						no. of obs. 23	
6—25	5	—	1	—	—	—	2	4
26—50	2	—	—	—	—	2	2	3
51—75	—	—	—	—	—	—	—	—
≧ 76	—	—	—	—	—	—	—	—
Total:	7	—	1	—	—	2	4	7
3000 m:	≦ 5 km/h: 1						no. of obs. 19	
6—25	3	—	—	—	—	2	1	1
26—50	2	—	—	—	—	3	1	3
51—75	—	—	—	—	—	1	1	—
≧ 76	—	—	—	—	—	—	—	—
Total:	5	—	—	—	—	6	3	4

JULY

Velocity in km/h.	N	NE	E	SE	S	SW	W	NW
200 m:	≦ 5 km/h: 7						no. of obs. 29	
6—25	—	1	—	1	11	7	—	2
26—50	—	—	—	—	—	—	—	—
51—75	—	—	—	—	—	—	—	—
≧ 76	—	—	—	—	—	—	—	—
Total:	—	1	—	1	11	7	—	2
500 m:	≦ 5 km/h: 6						no. of obs. 28	
6—25	1	1	—	—	2	11	2	5
26—50	—	—	—	—	—	—	—	—
51—75	—	—	—	—	—	—	—	—
≧ 76	—	—	—	—	—	—	—	—
Total:	1	1	—	—	2	11	2	5
1000 m:	≦ 5 km/h: 0						no. of obs 27	
6—25	3	1	—	—	—	3	8	10
26—50	—	—	—	—	—	—	—	2
51—75	—	—	—	—	—	—	—	—
≧ 76	—	—	—	—	—	—	—	—
Total:	3	1	—	—	—	3	8	12
2000 m:	≦ 5 km/h: 0						no. of obs. 23	
6—25	2	1	—	—	—	2	5	6
26—50	1	—	—	—	—	1	3	2
51—75	—	—	—	—	—	—	—	—
≧ 76	—	—	—	—	—	—	—	—
Total:	3	1	—	—	—	3	8	8
3000 m:	≦ 5 km/h: 0						no. of obs. 19	
6—25	3	1	—	—	—	1	2	2
26—50	—	—	—	—	1	5	—	1
51—75	—	—	—	—	—	2	1	—
≧ 76	—	—	—	—	—	—	—	—
Total:	3	1	—	—	1	8	3	3

AUGUST

Velocity in km/h.	N	NE	E	SE	S	SW	W	NW
200 m:	≦ 5 km/h: 6						no. of obs. 31	
6—25	—	—	1	1	10	10	1	1
26—50	—	—	—	—	1	—	—	—
51—75	—	—	—	—	—	—	—	—
≧ 76	—	—	—	—	—	—	—	—
Total:	—	—	1	1	11	10	1	1
500 m:	≦ 5 km/h: 4						no. of obs. 31	
6—25	1	4	—	—	4	11	6	1
26—50	—	—	—	—	—	—	—	—
51—75	—	—	—	—	—	—	—	—
≧ 76	—	—	—	—	—	—	—	—
Total:	1	4	—	—	4	11	6	1
1000 m:	≦ 5 km/h: 1						no. of obs. 26	
6—25	5	—	—	—	—	—	8	5
26—50	6	1	—	—	—	—	—	—
51—75	—	—	—	—	—	—	—	—
≧ 76	—	—	—	—	—	—	—	—
Total:	11	1	—	—	—	—	8	5
2000 m:	≦ 5 km/h: 0						no. of obs. 20	
6—25	5	1	—	—	2	1	2	1
26—50	3	—	—	—	—	2	2	—
51—75	—	—	—	—	—	—	1	—
≧ 76	—	—	—	—	—	—	—	—
Total:	8	1	—	—	2	3	5	1
3000 m:	≦ 5 km/h: 0						no. of obs. 15	
6—25	—	—	—	—	—	4	—	1
26—50	—	1	—	—	1	4	1	1
51—75	—	—	—	—	—	2	—	—
≧ 76	—	—	—		—	—	—	—
Total:	—	1	—	—	1	10	1	2

FREQUENCIES OF UPPER-WINDS AT LYDDA-AIRPORT (*contd.*)

SEPTEMBER

Velocity in km/h.	N	NE	E	SE	S	SW	W	NW
200 m:	≦ 5 km/h: 5							no. of obs. 30
6—25	1	1	1	2	8	10	2	—
26—50	—	—	—	—	—	—	—	—
51—75	—	—	—	—	—	—	—	—
≧ 76	—	—	—	—	—	—	—	—
Total:	1	1	1	2	8	10	2	—
500 m:	≦ 5 km/h: 8							no. of obs. 30
6—25	1	—	—	—	2	7	4	6
26—50	—	1	—	1	—	—	—	—
51—75	—	—	—	—	—	—	—	—
≧ 76	—	—	—	—	—	—	—	—
Total:	1	1	—	1	2	7	4	6
1000 m:	≦ 5 km/h: 2							no. of obs. 26
6—25	3	—	2	1	—	3	7	4
26—50	2	—	—	—	—	—	—	2
51—75	—	—	—	—	—	—	—	—
≧ 76	—	—	—		—	—	—	—
Total:	5	—	2	1	—	3	7	6
2000 m:	≦ 5 km/h: 0							no. of obs. 25
6—25	1	—	1	—	—	2	4	5
26—50	2	—	—	1	1	3	5	—
51—75	—	—	—	—	—	—	—	—
≧ 76	—	—	—	—	—	—	—	—
Total:	3	—	1	1	1	5	9	5
3000 m:	≦ 5 km/h: 0							no. of obs. 19
6—25	—	—	—	—	1	3	2	1
26—50	1	—	—	1	1	4	2	—
51—75	—	—	—	1	—	1	1	—
≧ 76	—	—	—	—	—	—	—	—
Total:	1	—	—	2	2	8	5	1

OCTOBER

Velocity in km/h.	N	NE	E	SE	S	SW	W	NW
200 m:	≦ 5 km/h: 5							no. of obs. 26
6—25	2	2	1	3	5	3	2	—
26—50	—	—	—	—	3	—	—	—
51—75	—	—	—	—	—	—	—	—
≧ 76	—	—	—	—	—	—	—	—
Total:	2	2	1	3	8	3	2	—
500 m:	≦ 5 km/h: 5							no. of obs. 26
6—25	7	1	—	2	1	2	5	2
26—50	—	—	—	—	—	1	—	—
51—75	—	—	—	—	—	—	—	—
≧ 76	—	—	—	—	—	—	—	—
Total:	7	1	—	2	1	3	5	2
1000 m:	≦ 5 km/h: 1							no. of obs. 26
6—25	5	2	1	1	2	2	4	5
26—50	1	—	—	1	—	1	—	—
51—75	—	—	—	—	—	—	—	—
≧ 76	—	—	—	—	—	—	—	—
Total:	6	2	1	2	2	3	4	5
2000 m:	≦ 5 km/h: 2							no. of obs. 23
6—25	1	1	—	1	4	1	4	2
26—50	—	—	—	—	1	5	—	1
51—75	—	—	—	—	—	—	—	—
≧ 76	—	—	—	—	—	—	—	—
Total:	1	1	—	1	5	6	4	3
3000 m:	≦ 5 km/h: 0							no. of obs. 20
6—25	—	—	—	—	2	6	5	—
26—50	—	—	—	—	1	1	—	—
51—75	—	—	—	—	2	2	—	—
≧ 76	—	—	—	—	—	1	—	—
Total:	—	—	—	—	5	10	5	—

NOVEMBER

Velocity in km/h.	N	NE	E	SE	S	SW	W	NW
200 m:	≦ 5 km/h: 5							no. of obs. 28
6—25	1	1	4	2	5	5	1	—
26—50	—	—	—	—	4	—	—	—
51—75	—	—	—	—	—	—	—	—
≧ 76	—	—	—	—	—	—	—	—
Total:	1	1	4	2	9	5	1	—
500 m:	≦ 5 km/h: 3							no. of obs. 28
6—25	3	2	3	5	2	2	3	1
26—50	—	—	—	1	—	2	1	—
51—75	—	—	—	—	—	—	—	—
≧ 76	—	—	—	—	—	—	—	—
Total:	3	2	3	6	2	4	4	1
1000 m:	≦ 5 km/h: 3							no. of obs. 26
6—25	3	4	—	5	3	1	2	2
26—50	—	—	—	1	—	1	1	—
51—75	—	—	—	—	—	—	—	—
≧ 76	—	—		—	—	—	—	—
Total:	3	4	—	6	3	2	3	2
2000 m:	≦ 5 km/h: 0							no. of obs. 20
6—25	2	—	—	2	2	3	4	2
26—50	—	—	1	1	—	1	—	2
51—75	—	—	—	—	—	—	—	—
≧ 76	—		—	—	—	—	—	—
Total:	2	—	1	3	2	4	4	4
3000 m:	≦ 5 km/h: 0							no of obs. 16
6—25	3	—	—	—	—	1	4	—
26—50	—	—	—	—	—	6	1	1
51—75	—	—	—	—	—	—	—	—
≧ 76	—	—	—	—	—	—	—	—
Total:	3	—	—	—	—	7	5	1

DECEMBER

Velocity in km/h.	N	NE	E	SE	S	SW	W	NW
200 m:	≦ 5 km/h: 3							no. of obs. 25
6—25	—	2	3	3	6	2	—	—
26—50	—	—	—	2	2	2	—	—
51—75	—	—	—	—	—	—	—	—
≧ 76	—	—	—	—	—	—	—	—
Total:	—	2	3	5	8	4	—	—
500 m:	≦ 5 km/h: 3							no. of obs. 25
6—25	1	1	3	1	5	5	—	—
26—50	—	—	—	—	1	5	—	—
51—75	—	—	—	—	—	—	—	—
≧ 76	—	—	—	—	—	—	—	—
Total:	1	1	3	1	6	10	—	—
1000 m:	≦ 5 km/h: 4							no. of obs. 25
6—25	1	—	2	—	3	2	2	4
26—50	—	—	—	—	1	4	—	1
51—75	—	—	—	—	—	1	—	—
≧ 76	—	—	—	—	—	—	—	—
Total:	1	—	2	—	4	7	2	5
2000 m:	≦ 5 km/h: 0							no. of obs. 16
6—25	1	1	1	—	1	1	4	1
26—50	1	—	—	—	—	1	3	1
51—75	—	—	—	—	—	—	—	—
≧ 76	—	—	—	—	—	—	—	—
Total:	2	1	1	—	1	2	7	2
3000 m:	≦ 5 km/h: 0							no. of obs. 7
6—25	1	—	—	—	—	—	1	2
26—50	—	—	—	—	—	—	3	—
51—75	—	—	—	—	—	—	—	—
≧ 76	—	—	—	—	—	—	—	—
Total:	1	—	—	—	—	—	4	2

FREQUENCIES OF UPPER-WINDS AT LYDDA-AIRPORT (*contd.*)

FREQUENCIES: YEAR 1938

Velocity in km/h	N	NE	E	SE	S	SW	W	NW
200 m:	≦ 5 km/h: 47						no. of obs. 337	
6—25	7	12	18	28	89	65	16	7
26—50	—	—	3	3	23	17	—	—
51—75	—	—	—	—	—	1	1	—
≧ 76	—	—	—	—	—	—	—	—
Total:	7	12	21	31	112	83	17	7
500 m:	≦ 5 km/h: 43						no. of obs. 331	
6—25	26	16	9	12	31	71	42	25
26—50	4	2	2	6	3	22	10	1
51—75	—	—	1	1	1	—	2	1
≧ 76	—	—	—	—	—	—	—	—
Total:	30	18	12	19	35	93	54	27
1000 m:	≦ 5 km/h: 15						no. of obs. 293	
6—25	32	12	12	14	13	24	55	48
26—50	21	4	1	4	3	11	9	10
51—75	—	—	—	1	—	3	1	—
≧ 76	—	—	—	—	—	—	—	—
Total:	53	16	13	19	16	38	65	58
2000 m:	≦ 5 km/h: 5						no. of obs. 231	
6—25	20	6	6	6	18	17	39	28
26—50	15	—	1	2	5	18	23	15
51—75	—	—	—	—	—	2	5	—
≧ 76	—	—	—	—	—	—	—	—
Total:	35	6	7	8	23	37	67	43
3000 m:	≦ 5 km/h: 2						no. of obs. 176	
6—25	11	1	1	2	5	23	20	15
26—50	6	1	—	2	5	29	17	12
51—75	1	—	—	1	2	9	7	1
≧ 76	—	—	—	—	—	1	1	1
Total:	18	2	1	5	12	62	45	29

PERCENTAGE FREQUENCIES: YEAR 1938

Velcocity in km/h.	N	NE	E	SE	S	SW	W	NW
200 m:	≦ 5 km/h: 13.9 %						no. of obs. 337	
6—25	2.1	3.6	5.3	8.3	26.4	19.3	4.7	2.1
26—50	—	—	0.9	0.9	6.8	5.0	—	—
51—75	—	—	—	—	—	0.3	0.3	—
≧ 76	—	—	—	—	—	—	—	—
Total:	2.1	3.6	6.2	9.2	33.2	24.6	5.0	2.1
500 m:	≦ 5 km/h: 13.0 %						no. of obs. 331	
6—25	7.8	4.8	2.7	3.6	9.4	21.5	12.7	7.6
26—50	1.2	0.6	0.6	1.8	0.9	6.6	3.0	0.3
51—75	—	—	0.3	0.3	0.3	—	0.6	0.3
≧ 76	—	—	—	—	—	—	—	—
Total:	9.0	5.4	3.6	5.7	10.6	28.1	16.3	8.2
1000 m:	≦ 5 km/h: 5.1 %						no. of obs. 293	
6—25	10.9	4.1	4.1	4.8	4.4	8.2	18.8	16.4
26—50	7.2	1.4	0.3	1.4	1.0	3.8	3.1	3.4
51—75	—	—	—	0.3	—	1.0	0.3	—
≧ 76	—	—	—	—	—	—	—	—
Total:	18.1	5.5	4.4	6.5	5.4	13.0	22.2	19.8
2000 m:	≦ 5 km h: 2.2 %						no. of obs. 231	
6—25	8.7	2.6	2.6	2.6	7.8	7.4	16.9	12.1
26—50	6.5		0.4	0.9	2.2	7.8	10.0	6.5
51—75	—	—	—	—	—	0.9	2.2	—
≧ 76	—	—	—	—	—	—	—	—
Total:	15.2	2.6	3.0	3.5	10.0	16.1	29.1	18.6
3000 m:	≦ 5 km/h: 1.1 %						no. of obs. 176	
6—25	6.2	0.6	0.6	1.1	2.8	13.1	11.4	8.5
26—50	3.4	0.6	—	1.1	2.8	16.5	9.7	6.8
51—75	0.6	—	—	0.6	1.1	5.1	4.0	0.6
≧ 76	—	—	—	—	—	0.6	0.6	0.6
Total:	10.2	1.2	0.6	2.8	6.7	35.3	25.7	16.5