GOVERNMENT OF PALESTINE

DEPARTMENT OF CIVIL AVIATION

Palestine. METEOROLOGICAL SECTION

METEOROLOGICAL OBSERVATIONS

1937

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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 : 8h

" " 8h, 14h & 20h : $\frac{8 + 14 + 20}{3}$

COMPARATIVE STATEMENT OF TEMPERATURE AND MEAN RELATIVE HUMIDITY, 1930-1937

Station	Year	Temperatures (centigrade)					Relative humidity % Mean*
		Mean	Mean maximum	Mean minimum	Absolute maximum	Absolute minimum	
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
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
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
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	—	—	—	—	—	—
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
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

COMPARATIVE STATEMENT OF TEMPERATURE AND MEAN RELATIVE HUMIDITY 1930-1937 (continued).

Station	Year	Temperatures (centigrade)					Relative humidity Mean *
		Mean	Mean maximum	Mean minimum	Absolute maximum	Absolute minimum	
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
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
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	—
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

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.

SUMMARY OF METEOROLOGICAL OBSERVATIONS, 1937

ACRE

φ = 32° 56′ N. λ = 35° 05′ East of Greenwich H = 18.7 metres h_t = 1.60 metres h_r = 1.0 metres

Month	Mean pressure mm.	Mean pressure Standard mm.	Air temperature (centigrade) 8 h.	14 h.	20 h.	Mean	Mean maximum	Mean minimum	Absolute maximum	Date	Absolute minimum	Date	Relative humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour pressure (mm.) 8 h.	14 h.	20 h.	Mean	Cloud amount (0–10) 8 h.	14 h.	20 h.	Mean	Rainfall (mm.) Total mm.	Maximum 1 day Amt.	Maximum 1 day Date	Days with ≥ 0.1 mm. of rain	Days with ≥ 1.0 mm. of rain	Wind* Force Scale 0–12	Direction (8h + 14h + 20h)* Number of observations in which the wind-direction was recorded as N	NE	E	SE	S	SW	W	NW	Calm	Evaporation mm. per day Piche
1937																																								
January ..			10.3	14.6		11.5	16.4	6.6	23.2	30	1.5	1	66	58			6.2	7.2			5.8	6.5			141.0	32.5	5	15	15	2.4	2.0	4.0	9.5	20.5	9.0	6.5	1.0	3.5	6.0	4.9
February .			13.9	19.3		15.0	20.9	9.0	25.5	21	5.5	3	72	55			8.5	9.2			4.8	3.8			13.5	6.0	23	3	3	1.6	2.5	7.5	1.0	16.0	6.5	8.5	4.5	5.5	4.0	4.3
March ...			17.4	20.7		16.2	22.7	9.8	29.9	21	5.6	2	68	59			10.1	10.7			3.2	2.0			9.0	7.5	3	2	2	0.9	5.5	9.0	0.5	6.0	8.5	6.0	6.5	5.0	15.0	3.6
April			20.5	23.6		19.0	25.1	12.8	37.8	16	8.0	1	58	54			10.5	11.6			3.9	3.0			18.0	7.5	9,11	3	3	1.6	3.0	1.0	1.5	14.0	1.5	13.5	2.5	14.0	9.0	5.3
May			22.8	24.4		20.6	26.1	15.0	37.2	2	11.5	13	65	63			13.4	14.2			3.3	3.4			3.5	3.5	17	1	1	1.3	9.0	0.5	2.0	3.5	0.5	12.5	3.5	27.5	3.0	5.2
June.....			25.8	27.6		23.6	28.6	18.6	30.0	8	14.4	4	73	74			18.1	20.2			2.7	3.0			—	—	—	—	—	1.7	4.5	0	0	1.0	4.0	23.0	8.5	18.0	1.0	5.0
July			27.8	29.5	25.5	26.2	30.0	22.2	31.5	30	19.5	1	78	76	87	82	21.8	23.2	21.1	22.0	3.6	4.1	4.4	4.0	—	—	—	—	—	1.9	13.5	7.5	4.5	6.5	4.0	21.0	14.5	17.5	4.0	5.0
August ..			28.3	30.2	(25.4)	(26.5)	31.2	22.0	32.0	25	20.0	20,21	77	65	(75	76)	22.1	20.7	(18.1	20.3)	3.7	2.4	3.5	3.2	—	—	—	—	—	2.0	12.5	4.5	8.0	3.0	4.5	18.0	23.5	13.0	6.0	6.6
September			27.5	29.4	24.0	25.4	30.6	20.5	32.0	13	17.5	20,30	71	68	81	76	19.5	20.8	17.9	19.4	3.1	1.5	2.6	2.4	—	—	—	—	—	1.9	17.0	3.0	3.5	0.5	2.0	6.0	21.0	27.0	10.0	4.6
October ..			24.5	27.5	22.4	23.0	29.8	17.4	40.0	9	14.2	26,28	63	63	74	68	14.3	17.2	14.9	15.5	4.6	3.9	3.3	3.9	185.5	75.4	29	10	10	1.1	8.0	5.0	7.0	7.0	2.0	4.5	4.5	13.0	42.0	6.6
November.			20.0	23.8	19.7	19.5	25.8	14.5	31.8	6	8.0	24	68	61	72	70	11.8	13.4	12.3	12.5	5.5	4.7	3.7	4.6	108.4	25.6	1	11	10	1.1	5.0	4.5	21.0	9.0	1.0	3.0	0	3.5	13.0	4.7
December			15.4	21.3	15.4	15.8	22.7	11.3	28.8	19	5.6	28	65	54	70	68	8.5	10.2	9.2	9.3	4.3	4.6	3.8	4.2	54.0	14.2	25	8	6	1.2	5.0	4.0	25.0	12.5	0.5	4.0	1.0	5.0	36.0	5.7
Year			21.2	24.3			25.8	15.0					69	62			13.7	14.9			4.0	3.6			532.9			53	50											5.1

*Wind force and direction in Jan. to June and Nov. observed only at 8h and 14h. Wind force values for these months given only for 8h, for the other months for Mean of Day.

HAIFA

φ = 32° 48′ N. λ = 34° 59′ East of Greenwich H = 15.8 metres h_t = 1.5 metres h_r = 1.0 metres C_h = + 1.4 mm.

Month	Mean pressure mm.	Mean pressure Standard mm.	Air temperature (centigrade) 8 h.	14 h.	20 h.	Mean	Mean maximum	Mean minimum	Absolute maximum	Date	Absolute minimum	Date	Relative humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour pressure (mm.) 8 h.	14 h.	20 h.	Mean	Cloud amount (0–10) 8 h.	14 h.	20 h.	Mean	Rainfall (mm.) Total mm.	Maximum 1 day Amt.	Maximum 1 day Date	Days with ≥ 0.1 mm. of rain	Days with ≥ 1.0 mm. of rain	Wind Force 8 h. Scale 0–12	Direction Number of observations in which the wind-direction was recorded as N	NE	E	SE	S	SW	W	NW	Calm	Evaporation mm. per day Piche
1937	8 h.																																							
January ..	763.4		12.1			11.9	16.5	7.3	22.0	30	3.2	1	65				6.8				4.7				202.0	33.0	5	17	17	1.8	0	0	10.0	9.0	2.5	4.0	4.0	1.5	0	4.0
February .	760.7		15.7			16.0	21.1	10.8	25.2	21	8.4	3	65				8.7				3.1				17.0	9.5	23	3	3	1.5	0	0	8.0	9.5	4.0	3.5	3.0	0	0	4.3
March ...	760.9		18.3			18.0	23.3	12.7	29.9	21	9.5	6	66				10.4				0.5				4.5	4.5	3	1	1	1.3	0	0	7.5	12.0	4.5	3.0	3.0	0	1.0	3.9
April	758.7		20.7			19.9	25.4	14.4	37.8	16	10.6	1	66				11.9				2.0				20.7	8.5	9	4	4	1.8	0	0	10.5	3.5	1.5	3.0	7.0	4.5	0	4.1
May	759.2		24.0			22.2	26.8	17.7	38.1	2	14.2	15	77				17.0				1.1				3.5	3.5	17	1	1	1.1	0	0	3.5	4.0	2.0	3.0	9.5	7.0	2.0	5.3
June.....	756.8		27.1			25.6	29.4	21.8	31.7	8	14.6	4	81				21.7								—	—	—	—	—	1.0	0	0	3.0	6.0	4.0	3.0	7.0	5.0	2.0	4.8
July	753.8		29.1			27.6	31.1	24.1	32.8	26	18.7	1	83				24.8								—	—	—	—	—	1.3	0	0.5	1.5	1.0	0.5	8.5	13.5	5.5	0	4.6
August ..	754.5		28.9			27.6	29.8	24.6	33.5	3	23.2	21	83				24.7								—	—	—	—	—	1.2	0	1.0	3.0	2.0	0	8.0	12.5	4.5	0	4.8
September	757.6		28.9			28.2	32.5	24.0	33.7	24	21.4	30	77				22.8				2.7				—	—	—	—	—	1.2	0	0.5	0.5	0	0	5.5	16.5	7.0	0	5.1
October ..	759.6		26.0			26.0	31.7	20.3	40.2	9	15.5	17	53				14.1				3.0				137.0	36.5	29	9	9	1.7	2.5	4.5	11.0	2.5	0.5	2.0	5.0	3.0	0	5.7
November.	760.3		21.2			21.2	26.2	16.2	31.0	8	13.3	30	70				13.3				3.1				133.5	31.5	20	11	11	2.4	0	2.0	9.0	5.0	0	2.5	7.0	4.5	0	4.1
December	763.4		16.6			17.2	22.9	13.2	29.4	19	8.2	28	56				7.9				2.6				92.6	28.0	24	8	8	3.6	0	0	16.5	3.5	0.5	3.5	5.0	2.0	0	5.7
Year....	759.1		22.4			21.8	26.4	17.3					70				15.3								610.8			54	54	1.7	2.5	8.5	84.0	58.0	20.0	49.5	93.0	44.5	5.0	4.7

BEISAN

φ = 32° 30' N. λ = 35° 30' East of Greenwich H = — 118 metres ht = 1.5 metres hr = 1.0 metres

Month	Mean pressure mm.	Mean pressure Standard mm.	Air temperature (centigrade) 8 h.	14 h.	20 h.	Mean	Mean maximum	Mean minimum	Absolute maximum	Date	Absolute minimum	Date	Relative humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour pressure (mm.) 8 h.	14 h.	20 h.	Mean	Cloud amount (0–10) 8 h.	14 h.	20 h.	Mean	Rainfall (mm.) Total mm.	Maximum 1 day Amt.	Date	Days with ≥0.1 mm. of rain	Days with ≥1.0 mm. of rain	Wind* Force Scale 0–12	Direction: Number of observations in which the wind direction was recorded as N	NE	E	SE	S	SW	W	NW	Calm	Evaporation mm. per day Piche
1937																																								
January ..			9.0	14.8		(10.7)	16.2	(5.2)	20.5	29	(0.0)	(1)	81	66			7.0	8.3			4.7	5.0			140.0	39.0	5	14	14	3.2	0.5	8.5	10	13	12	2	2	2	12	2.5
February .			12.8	20.2		(14.8)	21.6	(7.9)	26.0	15	(5.5)	s./d	78	63			8.6	11.1			2.8	3.7			13.0	5.0	1	4	4	1.6	0	9.5	15.5	6	5.5	0	4.5	3	12	2.2
March ..			16.7	25.0		18.6	27.4	9.8	31.0	s./d	5.0	2	75	53			10.7	12.5			1.6	2.1			3.0	3.0	3	1	1	1.4	1.5	7.5	18.5	1	3.5	1	11	8	10	3.8
April			21.0	29.0	19.6	20.4	30.4	11.8	38.0	16	8.0	6	60	40	66	63	11.0	11.9	11.2	11.4	2.2	3.1	1.7	2.3	12.0	11.0	10	2	2	3.0	4.5	5	16.5	3	7	1	24	10	19	6.4
May			24.1	31.1	22.2	23.2	32.6	15.2	41.1	29	11.0	12	59	38	67	63	13.1	12.8	13.3	13.1	3.1	3.2	1.7	2.7	2.0	2.0	16	1	1	2.7	6.5	6	11.5	2.5	3.5	1	31	18	13	7.0
June.....			27.8	34.4	25.8	24.3	35.4	19.2	38.0	14	12.0	1	53	29	58	56	14.7	11.8	14.2	13.6	1.6	0.4	0.5	0.8	—	—	—	—	—	3.1	3.5	5	6.5	2	3.5	2	34.5	22	11	9.7
July			29.6	35.7	27.7	28.6	36.8	21.6	39.6	12	18.5	5	57	34	62	60	17.4	14.8	17.1	16.4	2.7	0.4	0.1	1.1	—	—	—	—	—	1.8	0	0	2.5	1.5	7.5	3.5	45	12	21	9.9
August ...			29.4	36.1	28.1	28.9	37.0	22.0	40.1	3	19.6	28	58	34	63	60	17.5	15.1	17.7	16.8	4.1	0.9	0.3	1.8	—	—	—	—	—	2.6	3	1	13	3	5	3	42	11	12	8.6
September			28.6	35.8	27.4	28.4	36.7	21.6	39.3	20	18.5	30	63	38	66	64	18.2	16.3	17.8	17.4	2.5	0.4	0.1	1.0	—	—	—	—	—	2.6	4	5.5	8	3.5	5	2.5	26.5	25	10	7.7
October ..			25.3	32.1	24.5	24.9	33.2	17.7	40.7	9	10.5	22	61	40	64	62	14.5	14.3	14.6	14.5	3.1	2.9	2.0	2.7	59.5	26.0	29	4	4	2.3	4	14.5	20.5	2.5	2.5	1.5	18	10.5	19	7.7
November.			19.7	25.4	20.0	20.1	26.6	15.3	34.9	6	10.5	30	80	62	78	79	13.7	14.9	13.5	14.0	3.0	3.1	2.6	2.9	32.0	8.0	1	8	8	1.6	1.5	12.5	15	5.5	8	1.5	4.5	3.5	37	4.2
December			13.0	21.9	15.0	16.2	23.4	9.5	29.6	18	4.5	30									2.0	2.1	1.7	1.9	11.5	6.5	31	3	3	1.0	2.5	9	10.5	3.5	4	1	6	6.5	50	4.1
Year			21.4	28.5			29.8	14.7													2.8	2.3			273.0			37	37											6.2

Wind force and direction in January to March observed only at 8h and 14h. Wind force values for these months given only for 8h, for the other months for Mean of Day.

JENIN

φ = 32° 27' N. λ = 35° 18' East of Greenwich H = 160 metres ht = 1.5 metres hr = 1.0 metres

Month	Mean pressure mm.	Mean pressure Standard mm.	Air temperature (centigrade) 8 h.	14 h.	20 h.	Mean	Mean maximum	Mean minimum	Absolute maximum	Date	Absolute minimum	Date	Relative humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour pressure (mm.) 8 h.	14 h.	20 h.	Mean	Cloud amount (0–10) 8 h.	14 h.	20 h.	Mean	Rainfall (mm.) Total mm.	Maximum 1 day Amt.	Date	Days with ≥0.1 mm. of rain	Days with ≥1.0 mm of rain	Wind Force Mean of day Scale 0–12	Direction: Number of observations in which the wind direction was recorded as N	NE	E	SE	S	SW	W	NW	Calm	Evaporation mm. per day Piche
1937																																								
January ..			8.1	13.1	7.3	8.4	14.3	5.0	18.2	22	0.0	1	57	43	56	56	4.6	4.8	4.2	4.5	4.4	5.3	5.1	4.9	198.3	38.8	13	15	15	2.2	0	6	6.5	3	6	37.5	34	0	0	1.9
February .			12.5	21.8	11.1	13.5	23.1	8.6	24.9	16	6.2	5	61	48	59	60	6.6	9.4	5.8	7.3	2.6	2.9	2.0	2.5	6.7	5.4	18	2	2	1.4	0	5	7.5	4	3	24	26	3.5	11	4.0
March ...			16.0	25.0	14.0	16.3	26.4	10.2	30.9	22	7.2	2	61	52	57	59	8.3	12.2	6.7	9.1	1.6	0.7	0.7	1.0	14.9	9.2	3	2	2	1.4	3.5	1.5	2.5	5.5	5.5	28.5	26	2	18	4.6
April			19.2	28.3	16.8	19.3	29.6	12.8	38.8	16	9.5	13	59	56	57	58	9.9	15.8	8.1	11.3	2.4	2.4	2.0	2.3	26.3	18.8	10	3	3	2.0	0.5	3	5.5	4	2	29	31.5	3.5	11	6.9
May			22.5	30.6	19.3	22.0	31.9	15.6	39.8	28	12.3	30	64	56	61	62	12.9	18.5	10.2	13.9	2.1	2.7	2.3	2.4	4.6	4.6	17	1	1	1.8	0	0	0.5	2	7	37.5	32	0	14	7.9
June.....			26.0	33.4	22.1	25.1	34.8	18.8	37.8	21	16.3	5	65	56	62	64	16.1	21.5	12.2	16.6	0.3	0.3	0.3	0.3	—	—	—	—	—	1.7	0	0	0	0	1	42	41	0	6	9.3
July			27.7	34.6	26.0	27.4	36.0	21.2	38.5	13	19.0	28	67	55	66	66	18.6	22.7	16.3	19.2	0.7	0.4	0.6	0.5	—	—	—	—	—	2.2	0	0	0	0	3.5	45.5	42	0	2	8.5
August ...			28.2	35.5	26.9	28.1	36.8	21.7	39.6	7	19.9	19	68	56	67	68	19.2	24.3	17.6	20.4	0.6	0.2	0.0	0.3	—	—	—	—	—	1.7	0	0	0	0	6.5	44.5	38	0	4	8.2
September			26.7	35.3	26.0	27.4	36.7	21.4	38.2	23	19.2	28	69	56	67	68	17.9	24.0	16.7	19.5	1.2	0.8	0.4	0.8	—	—	—	—	—	1.5	0	0	0	0	2.5	39.0	36.5	0	12	7.3
October ..			23.1	32.3	22.3	24.0	33.7	18.4	39.7	10	15.6	25	67	56	65	66	14.0	20.0	12.9	15.6	2.5	2.6	2.9	2.7	51.1	16.3	31	9	9	1.6	0.5	2	7.5	7	3	30.5	30.5	2	10	7.4
November																					2.9	3.4	2.5	2.9	42.7	25.7	1	6	6	1.9	0.5	3.5	22.5	21.5	2.5	13	15.5	3	8	4.6
December																					2.5	3.0	2.9	2.8	28.4	10.3	31	6	6	1.7	0	4	20.5	18	3.5	16	18.0	8	5	4.7
Year																					2.0	2.1	1.8	2.0	373.0			44	44	1.8	5.0	25.0	73.0	65.0	46.0	387.0	371.0	22.0	101.0	6.3

TEL AVIV

$\varphi = 32° 4'$ N. $\lambda = 34° 46'$ East of Greenwich H = 34 metres h_t = 1.8 metres h_r = 1.0 metres

Month	Mean pressure mm.	Mean pressure Standard mm.	Air temperature (centigrade) 7 h.	14 h.	21 h.	Mean	Mean maximum	Mean minimum	Absolute maximum	Date	Absolute minimum	Date	Relative humidity (%) 7 h.	14 h.	21 h.	Mean	Vapour pressure (mm.) 7 h.	14 h.	21 h.	Mean	Cloud amount (0–10) 7 h.	14 h.	21 h.	Mean	Rainfall (mm) Total mm.	Maximum 1 day Amt.	Date	Days with IV 0.1 mm. of rain	IV 1.0 mm. of rain	Wind Force Mean of day Scale 0–12	Direction (7h + 14h + 21h) Number of observations in which the wind direction was recorded as N	NE	E	SE	S	SW	W	NW	Calm	Evaporation mm. per day Piche
1937		Mean																																						
January ..		768.8	8.7	14.8	10.8	11.3	15.6	7.4	24.5	30	3.0	2	78	63	81	80	6.6	7.9	7.7	7.4	5.0	5.1	4.5	4.9	226.2	56.7	13	19	16	1.8	13	7	2	15	17	12	13	11	3	1.5
February .		765.7	11.3	19.9	13.7	14.6	20.7	10.3	23.0	11	8.6	4.5	83	62	82	82	8.3	10.7	9.6	9.5	3.3	2.3	1.8	2.5	3.1	1.9	9	2	2	1.5	11	6	4	16	9	10	15	10	3	1.8
March ...		765.9	12.6	22.7	15.8	16.7	23.4	11.2	25.7	7.22	8.4	1	82	61	83	82	8.8	12.5	11.1	10.8	3.6	1.8	2.0	2.5	2.5	2.1	4	2	1	1.7	14	1	9	21	7	5	8	20	8	1.9
April		762.9	16.3	25.1	18.7	19.7	25.9	14.4	37.2	16	11.2	6	80	60	79	80	11.1	14.1	12.6	12.6	3.9	3.1	3.2	3.4	16.2	10.6	10	5	2	1.8	13	5	7	8	12	8	13	13	11	2.6
May		762.6	19.2	27.2	20.8	22.0	27.6	16.9	35.6	2	14.3	12	81	60	82	82	13.4	16.3	14.9	14.9	2.9	2.4	2.4	2.6	1.8	1.8	17	1	1	1.7	6	7	4	9	10	5	26	18	8	2.4
June.....		759.9	22.3	30.4	23.9	25.1	30.9	20.2	32.4	21	17.0	4	83	64	84	84	16.7	20.6	18.5	18.6	3.8	1.1	1.9	2.3	—	—	—	—	—	1.8	4	1	9	6	18	18	23	7	4	2.5
July		756.9	24.4	32.0	26.0	27.1	32.8	22.4	34.3	30	20.5	2	81	61	82	82	18.4	21.5	20.4	20.1	3.7	1.4	1.9	2.3	—	—	—	—	—	1.7	2	1	5	7	24	6	29	6	13	2.7
August ...		757.2	24.3	32.4	26.3	27.3	33.5	22.7	34.8	4	20.2	20	81	59	81	81	18.2	21.4	20.3	19.9	2.9	1.6	2.5	2.3	—	—	—	—	—	1.7	5	3	4	10	21	9	16	16	9	2.8
September		760.5	21.4	25.8	23.5	26.4	32.1	21.8	33.3	13	19.5	23	84	64	83	84	17.8	21.5	20.2	19.8	3.2	0.8	2.4	2.1	—	—	—	—	—	1.6	13	1	10	11	7	6	18	13	11	2.6
October ..		762.8	20.4	28.1	23.1	23.7	29.4	19.3	40.5	9	17.0	25	81	60	76	78	14.4	16.8	15.8	15.7	3.6	3.7	2.8	3.4	103.8	29.0	29	9	7	1.6	14	9	12	12	12	4	12	14	4	2.8
November.		764.7	17.2	23.1	19.0	19.6	23.9	16.5	29.5	5	12.7	30	86	70	82	84	12.5	14.6	13.4	13.5	4.8	4.3	3.9	4.3	50.9	14.7	24	10	9	1.5	8	8	15	17	8	8	10	8	8	2.1
December		768.9	11.8	19.0	14.4	14.9	19.4	10.9	26.2	19	7.3	28	80	72	81	80	8.2	11.7	9.8	9.9	3.4	3.3	3.1	3.3	80.3	28.3	25	10	9	1.2	7	9	20	19	12	7	11	6	2	1.9
Year		763.1	17.5	25.0	19.7	20.7	26.3	16.2					82	63	81	82	12.9	15.8	14.5	14.4	3.7	2.6	2.7	3.0	484.8			58	47	1.6	110	58	101	151	157	98	194	142	84	2.3

JERICHO

$\varphi = 31° 51'$ N. $\lambda = 35° 27'$ East of Greenwich H = — 250 metres h_t = 1.5 metres h_r = 1.0 metres

Month	Mean pressure mm.	Mean pressure Standard mm.	Air temperature (centigrade) 8 h.	14 h.	20 h.	Mean	Mean maximum	Mean minimum	Absolute maximum	Date	Absolute minimum	Date	Relative humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour pressure (mm.) 8 h.	14 h.	20 h.	Mean	Cloud amount (0–10) 8 h.	14 h.	20 h.	Mean	Rainfall (mm.) Total mm.	Maximum 1 day Amt.	Date	Days with IV 0.1 mm. of rain	IV 1.0 mm. of rain	Wind Force Mean of day Scale 0–12	Direction Number of observations in which the wind direction was recorded as N	NE	E	SE	S	SW	W	NW	Calm	Evaporation mm. per day Piche
1937																																								
January ..			10.9	16.3	11.2	11.4	17.0	7.4	21.0	30	1.5	2,3	81	61	83	82	7.8	8.5	8.2	8.2	5.3	5.9	3.8	5.0	59.0	21.0	13	11	10	1.8	21.5	13	2	2	6	13	12	14.5	9	2.3
February .			15.0	22.0	15.3	15.7	23.0	10.5	26.5	25	7.5	3	76	52	56	66	9.7	10.3	7.2	9.1	2.9	3.2	1.5	2.5	2.5	1.0	8,18	3	2	1.9	23.5	5.5	2	8.5	4	6.5	8	24	2	3.1
March ...			18.8	27.2	19.8	19.6	28.2	12.7	33.5	22	8.8	2	65	39	59	62	10.5	10.5	10.2	10.4	1.4	1.5	0.7	1.2	—	—	—	—	—	2.2	34.5	21.5	4	13	5	5	4	5	1	5.6
April			23.1	30.8	23.5	23.4	31.9	16.2	39.5	21	12.5	11,13	52	33	49	50	10.8	10.8	10.4	10.7	2.1	2.4	1.1	1.9	16.5	15.0	10	3	2	2.1	19.5	20	4	12	6	8	2	11.5	7	7.5
May			26.3	33.5	26.2	26.2	34.6	18.9	42.0	28, 29	15.0	14	53	31	46	50	13.4	12.0	11.4	12.3	2.2	2.6	1.7	2.2	—	—	—	—	—	1.8	31	16	5	13	4.5	6.5	2	9	6	8.6
June.....			29.3	36.4	29.5	29.2	37.7	21.7	41.0	5, 17	16.8	4	55	34	44	50	16.6	15.3	13.6	15.2	0.8	0.6	0.0	0.5	—	—	—	—	—	1.6	22.5	15.5	3	16	14.5	4.5	3	5	6	9.8
July			31.2	37.5	31.3	30.8	38.8	23.3	41.3	26, 29	20.0	8	56	36	45	50	18.9	17.0	15.4	17.1	0.6	0.1	0.0	0.2	—	—	—	—	—	1.8	11.5	15.5	2	34.5	3.5	6	4	13	3	10.3
August ...			31.1	37.5	31.1	30.9	38.5	23.8	42.0	4	21.0	19	54	34	46	50	18.2	16.2	15.5	16.6	1.1	0.6	0.0	0.6	—	—	—	—	—	1.7	16.5	10.5	4	21	11	3	15	7	5	9.2
September			29.8	37.4	30.1	30.1	39.3	23.2	41.0	20	20.5	28	62	40	55	58	19.2	19.0	17.6	18.6	0.6	0.4	0.0	0.3	—	—	—	—	—	1.3	33.5	10	9	13	4	4	5	4.5	7	7.5
October ..			27.0	33.8	26.6	27.1	34.9	20.9	42.5	9, 10	17.0	25	57	36	54	56	15.0	14.0	13.7	14.2	2.4	3.4	2.6	2.8	8.0	3.5	27	5	3	1.7	37.5	13.5	6	9	10.5	2.5	6	6	2	7.2
November.			21.6	27.3	21.0	21.7	28.4	17.0	35.0	6	12.6	30	71	54	74	72	13.6	14.5	13.5	13.9	4.3	4.6	3.5	4.1	47.0	21.0	17	8	8	1.6	29.5	9.5	1	1	15	7	10	17	—	4.1
December			15.7	23.3	15.9	16.5	24.3	11.0	29.0	18, 19	7.0	28,29	67	46	66	66	9.0	9.8	9.0	9.3	3.1	3.8	2.5	3.0	1.5	1.0	30	2	1	1.6	26	9	3	4	11.5	10.5	13	16	—	4.2
Year			23.3	30.2	23.4	23.5	31.4	17.2					62	41	56	59	13.6	13.2	12.1	13.0	2.2	2.4	1.4	2.0	134.5			32	26	1.8	307.0	159.5	45.0	147.0	95.5	76.5	84.0	132.5	48	6.6

φ = 31° 47′ N. λ = 35° 13′ East of Greenwich H = 783.5 metres h_t = 1.5 metres h_r = 1.0 metres C_h = + 67.5 mm.

Month	Mean pressure mm.	Mean pressure Standard mm.	Air temperature (centigrade) 8 h.	14 h.	20 h.	Mean	Mean maximum	Mean minimum	Absolute maximum	Date	Absolute minimum	Date	Relative humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour pressure (mm.) 8 h.	14 h.	20 h.	Mean	Cloud amount (0–10) 8 h.	14 h.	20 h.	Mean	Rainfall (mm.) Total m.m.	Maximum 1 day Amt.	Maximum 1 day Date	Days with ≥ 0.1 mm. of rain	Days with ≥ 1.0 mm. of rain	Wind Force 8 h. Scale 0–12	Wind Direction: Number of observations in which the wind direction was recorded as N	NE	E	SE	S	SW	W	NW	Calm	Evaporation mm. per day Piche
1937																																								
January ..	694.8		5.8	9.4	6.4	6.2	10.2	3.3	19.9	30	−0.7	1	84	69	81	82	5.7	6.0	5.8	5.8	6.1	6.3	4.3	5.6	239.8	50.1	13	17	14	1.5	0.5	3.5	7	2	0.5	6.5	26.5	11.5	35	2.3
February .	693.0		10.2	14.3	10.3	10.4	15.7	6.9	20.2	21	4.7	3	73	59	79	76	6.8	7.2	7.5	7.2	3.5	4.2	2.4	3.4	44.9	33.0	18	5	4	1.0	0	2	7	2	1	1	25	10	34	3.0
March ...	693.8		14.5	20.0	14.0	14.5	21.6	9.6	29.6	26	5.5	5	53	45	65	59	6.6	7.9	7.7	7.4	1.7	2.2	1.5	1.8	12.1	11.8	8	2	1	1.2	2.5	2	3	3	1	5	29.5	11	35	5.3
April	692.9		17.9	22.4	16.8	17.5	24.3	12.7	32.3	16	5.4	11	53	46	59	56	8.1	9.2	8.3	8.5	2.6	2.6	1.7	2.3	36.4	34.3	10	2	2	1.6	0	1	7	3	3	3	36	14	21	6.7
May	(693.2)		(20.6)	(25.0)	17.9	(19.4)	26.1	(14.1)	35.0	2	(8.3)	12	(50)	(48)	(68)	(59)	(9.0)	(11.2)	(10.5)	10.2	(2.3)	(2.9)	1.6	(2.3)	1.5	1.5	9	1	1	(1.3)	2	0	1	1	1.5	1.5	39	24	20	6.7
June.....	(691.3)		(22.9)	(26.9)	(20.0)	(21,7)	28.1	16.9	32.6	6	12.2	4	(57)	(53)	(76)	(66)	(11.7)	(13.8)	(13.2)	(12.9)	0.8	(0.3)	0.2	(0.4)	—	—	—	—	—	(2.0)	2.5	0	0	1	0	0.5	45	31	9	7.8
July	689.4		23.2	28.4	21.5	22.9	29.2	18.3	32.7	26	15.6	7	59	48	74	66	12.3	13.8	14.1	13.4	0.9	0.2	1.1	0.7	—	—	—	—	—	2.2	0.5	0	0	0	1	9	46.5	32	4	8.1
August ...	690.4		23.2	27.6	21.9	22.7	29.4	18.1	33.8	6	16.2	24	62	54	77	70	13.1	14.8	15.1	14.3	2.2	0.7	1.0	1.3	—	—	—	—	—	2.2	1	0	0	0	0	0.5	57	25.5	8	6.9
September	692.5		23.3	29.5	21.5	23.1	30.2	18.0	33.4	24	15.5	17.18	66	49	83	74	14.0	15.0	15.8	14.9	3.3	0.4	0.6	1.4	—	—	—	—	—	1.5	4.5	0	1.5	0.5	1	1	22	38.5	21	6.0
October ..	693.6		20.8	25.6	19.8	20.7	26.8	16.5	36.1	10	13.0	24.30	60	47	70	65	10.9	11.5	11.9	11.4	2.5	4.0	2.7	3.1	22.7	13.4	30	4	3	1.5	5	6.5	8	5	0.5	3.5	13.5	31.0	20	6.5
November.	693.7		15.7	19.5	15.7	15.9	20.6	12.7	27.0	6	8.4	29	78	63	79	78	10.3	10.7	10.5	10.5	4.7	4.5	3.2	4.1	34.5	17.4	1	3	3	1.0	5	3	14	11	1	4	13.5	13.5	25	3.2
December	695.8		12.1	16.2	12.8	12.6	17.9	9.2	25.3	18	3.8	27	65	50	59	62	6.8	6.8	6.5	6.7	3.5	3.8	2.3	3.2	14.6	3.7	31	6	5	1.2	2	3	24	11	1	1	11.5	17.5	21	4.4
Year	692.9		17.5	22.1	16.6	17.3	23.3	13.0					63	53	72	68	9.6	10.7	10.6	10.3	2.8	2.7	1.9	2.5	406.5			40	33	1.5	25.5	21.0	72.5	39.5	11.5	36.5	365.0	259.5	253.0	5.6

BEIT GEMAL

φ = 31° 43′ N. λ = 34° 59′ East of Greenwich H = 320 metres h_t = 1.5 metres h_r = 1.0 metres

Month	Mean pressure mm.	Mean pressure Standard mm.	Air temperature (centigrade) 8 h.	14 h.	20 h.	Mean	Mean maximum	Mean minimum	Absolute maximum	Date	Absolute minimum	Date	Relative humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour pressure (mm.) 8 h.	14 h.	20 h.	Mean	Cloud amount (0–10) 8 h.	14 h.	20 h.	Mean	Rainfall (mm.) Total mm.	Maximum 1 day Amt.	Maximum 1 day Date	Days with ≥ 0.1 mm. of rain	Days with ≥ 1.0 mm. of rain	Wind Force Mean of day Scale 0–12	Wind Direction: Number of observations in which the wind direction was recorded as N	NE	E	SE	S	SW	W	NW	Calm	Evaporation mm. per da Piche
1937																																								
January ..			8.4	12.9	9.4	9.3	13.8	6.4	22.3	30	1.5	2	74	62	78	76	6.1	6.8	6.8	6.6	6.0	6.8	4.1	5.6	193.2	62.0	13	14	14	2.2	2	2	19	2	13	37	1	7	10	3.2
February .			12.6	18.0	12.5	13.2	18.9	9.7	22.9	16	6.2	2	69	53	81	75	7.5	8.1	8.6	8.1	3.9	4.5	2.1	3.5	28.2	28.2	1	1	1	1.7	4	5	8	9	13	20	9	7	9	3.6
March ...			15.4	22.3	14.8	16.0	23.4	11.6	28.8	21.22	8.4	1	62	47	74	68	8.1	9.4	9.3	8.9	3.0	3.0	0.4	2.1	Drops	Drops	4.8	—	—	1.4	7	3	3	9	14	21	13	8	15	4.2
April			19.8	24.9	17.7	19.1	26.4	14.1	36.7	16	7.7	12	53	40	61	57	9.1	9.3	9.1	9.2	3.4	3.7	1.6	2.9	18.5	16.0	11	2	2	2.0	11	10	6	6	6	27	9	7	8	6.2
May			21.9	26.8	19.7	21.0	28.2	15.7	38.4	2	12.2	14	50	41	66	58	9.8	10.6	11.3	10.6	3.0	3.3	1.4	2.6	—	—	—	—	—	1.3	15	6	0	4	6	16	7	14	25	6.2
June.....			23.4	29.7	22.7	24.4	30.6	17.5	33.4	17	13.7	4.5	64	39	69	66	13.6	12.3	14.1	13.3	2.3	0.5	0.7	1.2	—	—	—	—	—	1.0	3	9	1	3	2	21	8	10	33	5.8
July			25.4	31.3	24.2	25.2	32.1	19.9	35.7	20	17.2	5	62	38	72	67	14.8	12.9	16.2	14.6	2.3	0.9	1.0	1.4	—	—	—	—	—	1.4	3	3	2	1	10	18	15	11	30	7.2
August ...			25.6	31.3	24.2	25.4	32.3	20.4	34.9	3	18.4	13	64	44	76	70	15.5	14.8	16.9	15.7	3.6	2.1	0.2	2.0	—	—	—	—	—	1.5	5	2	5	0	6	21	22	5	27	6.7
September			25.0	31.7	23.5	25.1	32.6	20.2	35.2	19	18.5	23	69	46	81	75	16.2	15.9	17.5	16.5	2.5	1.0	0.4	1.3	—	—	—	—	—	1.8	21	2	2	0	14	6	11	21	13	5.1
October ..			23.7	28.6	22.1	23.3	30.0	18.9	39.0	9	15.0	30	56	40	68	62	12.2	11.6	13.3	12.4	3.3	4.8	2.9	3.7	54.9	27.5	29	6	4	2.2	10	4	20	2	11	11	13	9	13	6.7
November.			19.0	22.7	18.3	19.0	23.9	16.0	32.6	6	12.0	30	75	66	80	78	12.1	13.6	12.4	12.7	4.6	5.6	3.5	4.6	51.6	19.2	1	9	9	2.2	3	7	27	5	11	14	8	4	11	4.9
December			15.7	20.3	15.6	16.1	21.6	13.0	30.4	17	8.2	27	64	63	68	66	8.5	11.1	9.1	9.6	3.9	4.7	2.3	3.6	31.2	8.4	31	9	7	2.0	4	14	16	7	4	11	19	3	15	5.7
Year			19.7	25.0	18.7	19.8	26.2	15.3					64	48	73	68	11.1	11.4	12.0	11.5	3.5	3.4	1.7	2.9	377.6			41	37	1.7	88	67	109	48	110	223	135	106	209	5.4

BEERSHEBA

φ = 31° 14' N. λ = 34° 48' East of Greenwich H = 286 metres h_t = 1.5 metres h_r = 1.0 metres

Month	Mean pressure mm.	Mean pressure Standard mm.	Air temperature (centigrade) 8 h.	14 h.	20 h.	Mean	Mean maximum	Mean minimum	Absolute maximum	Date	Absolute minimum	Date	Relative humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour pressure (mm.) 8 h.	14 h.	20 h.	Mean	Cloud amount (0–10) 8 h.	14 h.	20 h.	Mean	Rainfall (mm.) Total mm.	Maximum 1 day Amt.	Maximum 1 day Date	Days with ≥ 0.1 mm.	Days with ≥ 1.0 mm.	Wind* Force Scale 0–12	Direction: Number of observations in which the wind direction was recorded as N	NE	E	SE	S	SW	W	NW	Calm	Evaporation mm. per day Piche
1937																																								
January ..			7.8				15.9		22.0	31			79				6.2				4.2				130.0	40.0	23	9	9	1.4	3.0	1.0	5.0	0	11.0	1.0	4.0	0	6.0	2.6
February .			10.8				21.3		25.0	20			81				7.7				2.4				4.0	3.0	1	2	2	0.9	1.0	1.0	5.0	1.0	5.0	0	7.0	0	8.0	3.5
March ...			14.4				26.0		32.8	21			67				8.2				2.2				—	—	—	—	—	0.6	0	2.0	5.0	0	1.0	0	6.0	0	17.0	5.4
April			19.6				31.0		38.4	16			53				9.1				1.8				8.5	7.5	10	2	2	1.1	0	0	6.0	0	2.0	0	6.0	2.0	14.0	8.0
May			23.0	28.4	20.6	21.4	(31.7)	13.4	38.9	29	9.0	12	52	33	62	57	10.8	9.5	11.2	10.5	0.9	0.9	0.4	0.7	—	—	—	—	—	1.4	6.0	3.0	4.0	0	0	0	17.0	38.0	25.0	8.5
June.....			24.2	30.6	22.9	23.6	32.1	16.6	34.6	17	13.0	14	66	37	69	68	14.6	12.1	14.4	13.7	1.0	0.3	0.2	0.5	—	—	—	—	—	1.9	2.0	0	0	0	0.5	2.0	18.0	45.5	22.0	8.6
July			26.6	32.7	22.7	24.7	33.8	16.9	37.2	26	14.0	21	61	36	79	70	15.8	13.1	16.2	15.0	1.9	0.1	0.1	0–7	—	—	—	—	—	1.8	1.5	0	0	0	0	1.5	22.0	39.0	29.0	8.9
August ...			26.7	32.8	24.8	25.7	34.1	18.4	37.0	3	14.9	20	64	38	70	67	16.6	14.1	16.3	11.7	1.7	0.4	0.1	0.7	—	—	—	—	—	1.4	0	0	0	0	0	2.0	36.5	17.5	37.0	8.0
September			25.2	32.0	24.2	25.0	(33.5)	18.5	35.2	19	15.5	15	71	42	77	74	16.8	15.0	17.2	16.3	0.9	0.2	0.0	0.4	—	—	—	—	—	1.4	1.5	0	0	0	0	0	21.0	36.5	31.0	6.8
October ..			23.4	29.5	21.9	22.6	32.8	15.7	40.8	9	11.4	25	58	35	67	62	12.4	10.7	13.0	12.0	1.2	2.4	1.7	1.8	22.5	8.6	28	4	4	1.6	4.0	3.5	2.5	3.0	1.0	5.0	18.0	28.0	28.0	7.0
November.			18.0	23.8	17.3	18.1	26.5	13.3	33.8	6	6.5	30	75	51	80	78	11.4	11.0	11.7	11.4	2.4	3.0	2.3	2.6	60.9	25.0	11	8	8	1.4	5.0	6.0	9.0	7	6.0	2.5	18.5	7.0	29.0	3.8
December			13.1	21.1	13.3	14.0	24.6	8.3	32.2	18	2.4	28	62	43	63	62	6.9	8.0	7.2	7.4	1.0	1.2	0.9	1.0	5.2	3.2	25	2	2	1.2	0.5	4.5	26.0	4.5	1.0	2.0	19.0	0.5	35.0	4.8
Year			19.4				28.6						66				11.4				1.8				231.1			27	27											6.3

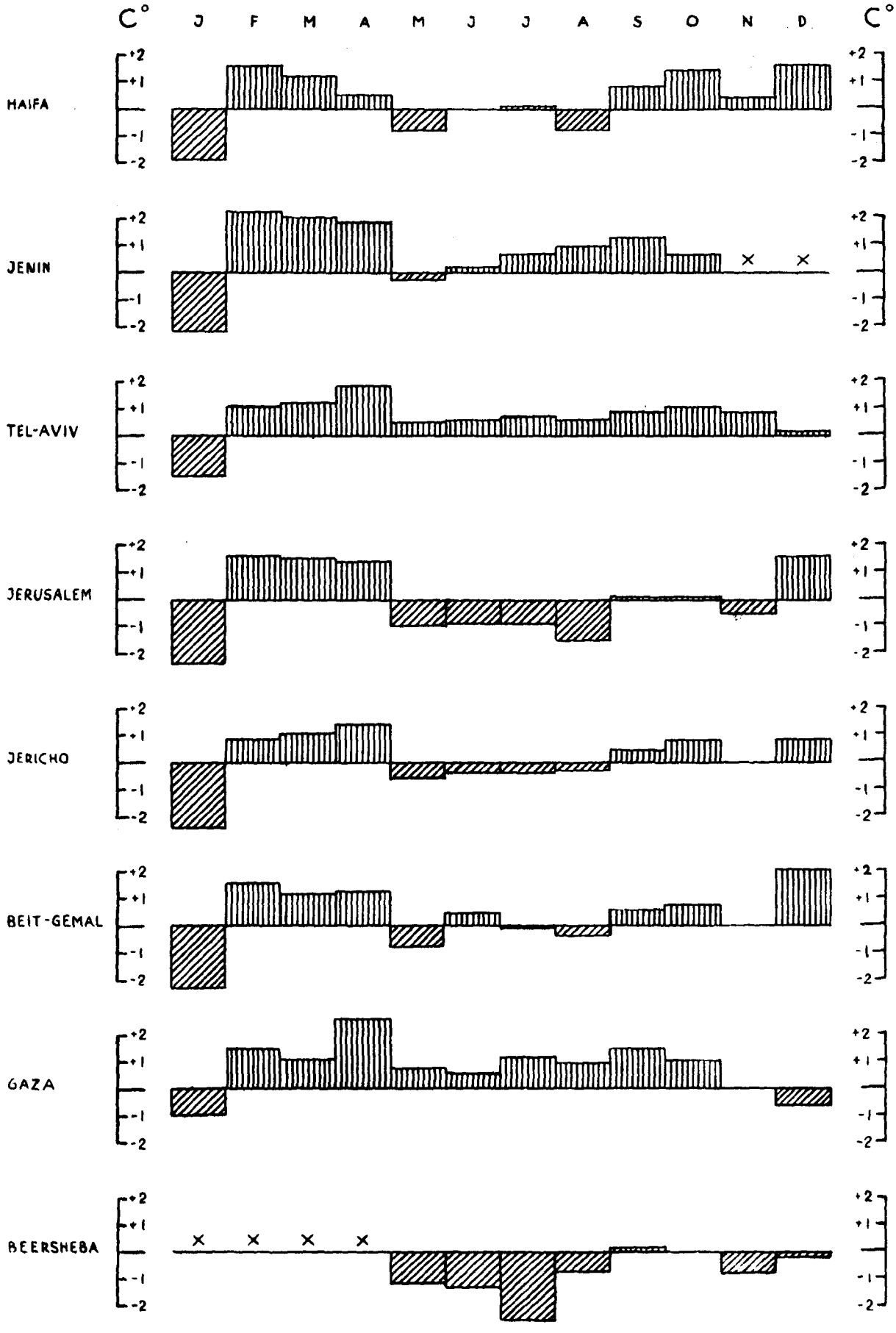
*Wind force and direction in Jan. to June and Nov. observed only at 8h and 14h. Wind force values for these months given only for 8h, for the other months for Mean of Day.

GAZA

φ = 31 30' N. λ = 34° 27' East of Greenwich H = 48.3 metres h_t = 1.5 metres h_r = 1.0 metres C_h = + 4.3 mm.

Month	Mean pressure mm	Mean pressure Standard mm.	Air temperature (centigrade) 8 h.	14 h.	20 h.	Mean	Mean maximum	Mean minimum	Absolute maximum	Date	Absolute minimum	Date	Relative humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour pressure (mm.) 8 h.	14 h.	20 h.	Mean	Cloud amount (0–10) 8 h.	14 h.	20 h.	Mean	Rainfall (mm.) Total mm.	Maximum 1 day Amt.	Maximum 1 day Date	Days with ≥ 0.1 mm.	Days with ≥ 1.0 mm.	Wind Force 8 h. Scale 0–12	Direction: Number of observations in which the wind direction was recorded as N	NE	E	SE	S	SW	W	NW	Calm	Evaporation mm. per day Piche
1937																																								
January ..	760.5		9.2			12.0	17.7	6.4	26.1	30	0.9	2	86				7.4				4.4				140.6	59.9	31	13	13											2.2
February .	757.9		12.6			14.8	21.1	8.6	25.7	10	5.4	4	83				8.9				2.0				4.4	3.4	1	2	2											2.4
March ...	758.3		15.6			16.6	23.3	10.0	28.1	7	5.1	6	82				10.8				1.9				—	—	—	—	—											2.7
April	756.0		20.0			20.6	27.7	13.6	40.2	16	8.2	1	69				12.0				2.3				34.9	32.6	10	2	2											4.0
May	756.3		22.8			22.0	28.5	15.5	40.5	2	12.4	14	67				13.8				1.0				—	—	—	—	—											4.3
June.....	753.9		25.4	28.0	23.7	24.0	(32.8)	18.9	(38.9)	26	13.9	4	72	64	84	78	17.4	18.0	18.3	17.9	2.8	0.1	1.5	1.5	—	—	—	—	—											4.6
July	751.3		27.2	30.9	25.5	26.2	(33.7)	21.0	(36.6)	26	19.1	7	69	60	84	76	18.7	20.1	20.3	19.7	2.2	0.3	1.1	1.2	—	—	—	—	—											4.1
August ...	751.9		27.4	31.4	26.0	26.5	(34.4)	21.1	(36.1)	3	18.7	19	72	59	80	76	19.7	20.4	20.0	20.0	2.4	0.5	1.4	1.4	—	—	—	—	—											4.3
September	754.8		26.9	31.4	25.3	26.1	(33.6)	20.7	(35.3)	13	18.4	23	69	57	81	75	17.3	19.6	19.2	18.7	2.0	0.4	2.0	1.5	—	—	—	—	—											3.5
October ..	755.8		23.2	29.5	23.6	23.5	(31.5)	17.8	(37,7)	9	15.2	17.29	72	58	79	76	15.1	17.8	17.1	16.1	1.5	2.7	2.1	2.1	60.2	34.1	29	4	4											3.5
November.	756.9		18.5	24.4	19.3	19.4	(26.7)	15.3	(31.4)	5	10.6	30	81	63	82	82	12.9	14.2	13.6	13.6	3.1	4.1	3.5	3.6	77.2	52.2	18	4	4											2.8
December	759.6		12.8	21.1	14.1	14.4	22.9	9.7	32.5	19	6.1	27	75	61	83	79	8.2	11.2	9.8	9.7	2.9	3.0	2.7	2.9	35.8	13.1	25	5	5											2.2
Year	756.1		20.1				(27.8)	14.9					75				13.5				2.4				353.1			30	30											3.4

DEVIATION OF MONTHLY MEAN TEMPERATURES 1937 FROM THE NORMALS.



DEVIATION OF YEARLY MEAN TEMPERATURES 1937 FROM THE NORMALS

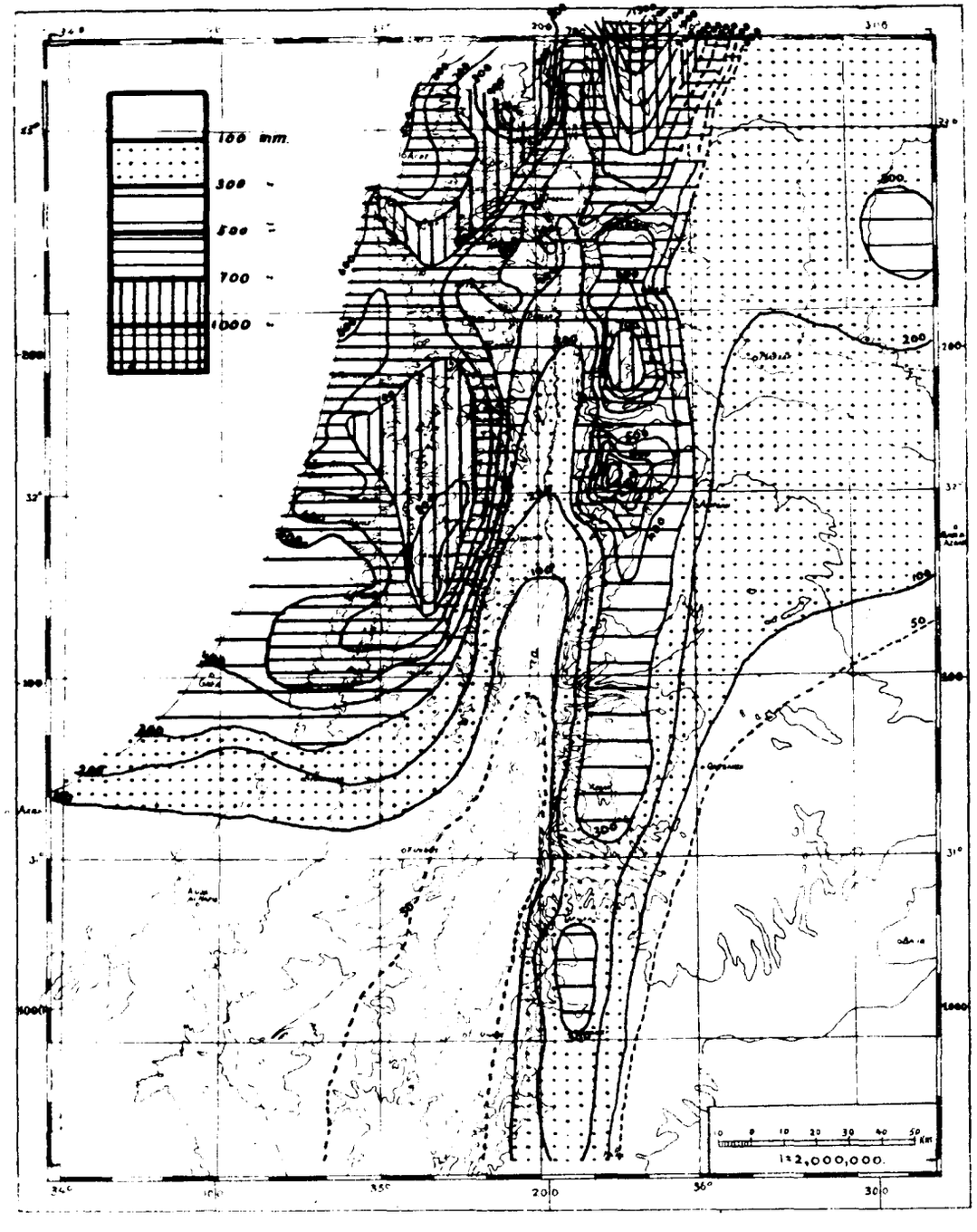
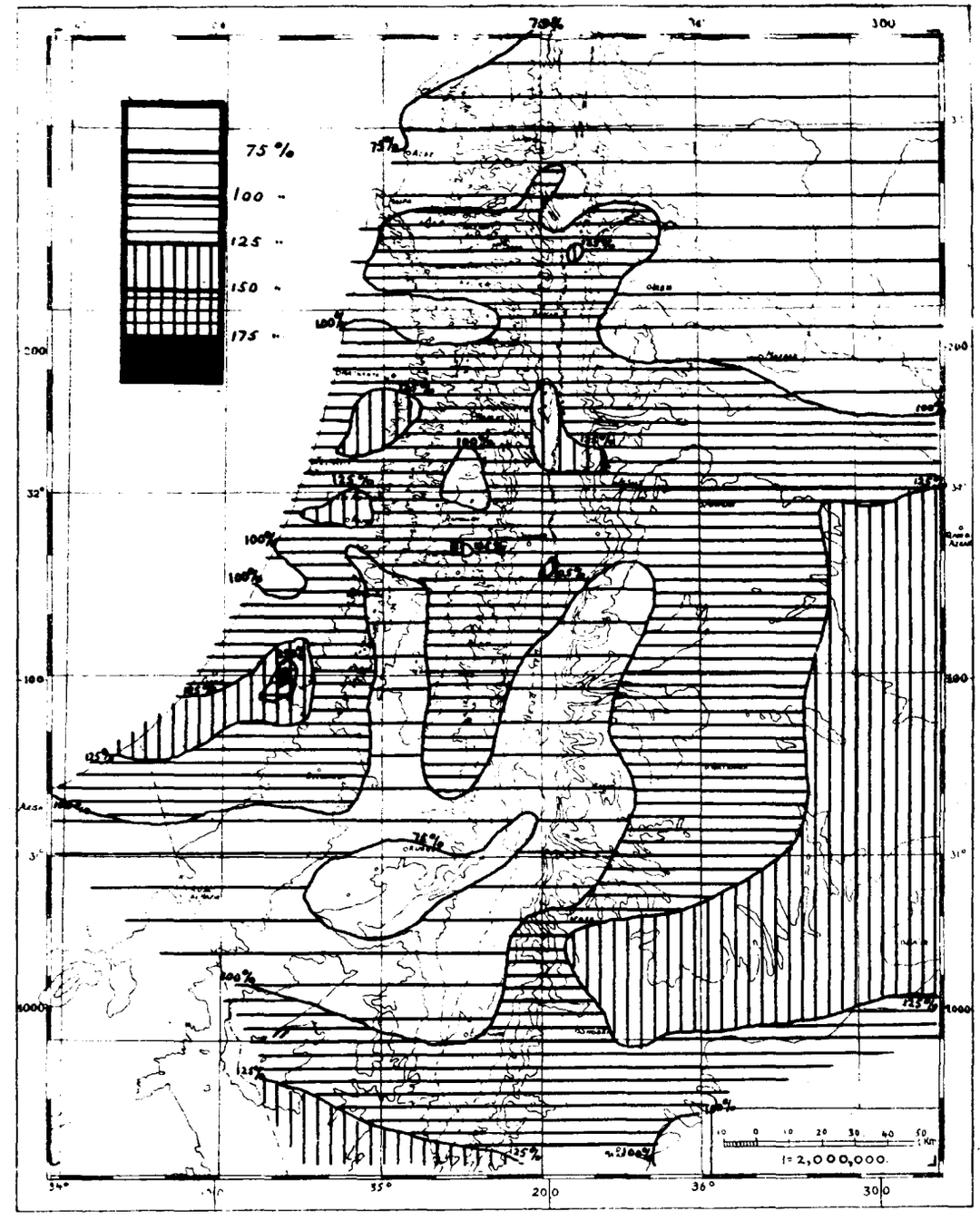
HAIFA : +0.3°C	JERUSALEM: -0.1°C	BEIT-GEMAL: +0.4°C
TEL-AVIV: +0.7°C	JERICHO : +0.1°C	GAZA : +0.8°C

STATEMENT OF RAINFALL FOR THE SEASON JUNE 1936 TO MAY 1937 AS COMPARED WITH AVERAGE RAINFALL

(In millimetres)

Station	June to Sept. 1936	Oct. 1936	Nov. 1936	Dec. 1936	Jan. 1937	Feb. 1937	March 1937	April 1937	May 1937	Total for season	Average seasonal rainfall	
											No. of seasons	Mms.
OFFICIAL STATIONS :												
Acre	—	19.0	181.5	94.0	141.0	13.5	9.0	18.0	3.5	479.5	12	572.2
Haifa	—	4.0	241.0	136.5	202.0	17.0	4.5	20.7	3.5	629.2	95	612.7
Jenin	—	2.3	114.9	118.3	198.3	6.7	14.9	26.3	4.6	486.4	16	470.4
Tel-Aviv	—	0.8	224.3	128.6	226.2	3.1	2.5	16.2	1.8	603.5	32	532.4
Jerusalem	—	drops	139.4	146.9	239.8	44.9	12.1	36.4	1.5	621.0	89	637.6
Jericho	—	drops	50.0	32.0	59.0	2.5	—	16.5	—	160.0	14	118.1
Gaza	—	—	97.9	122.3	140.6	4.4	—	34.9	—	400.1	26	370.0
Beersheba	—	1.5	44.5	81.0	130.0	4.0	—	8.5	—	269.5	16	193.7
Beisan	—	0.5	114.0	76.5	140.0	13.0	3.0	12.1	2.0	361.0	11	278.7
Beit Jimal	—	—	163.3	108.4	193.2	28.2	—	18.5	—	511.6	18	437.9
NON-OFFICIAL STATIONS :												
Metulla	—	9.5	183.5	163.2	224.0	47.5	43.0	46.5	6.5	723.7	4	754.4
Ras en Naqura	—	1.0	175.5	114.5	115.0	7.0	14.5	12.5	9.0	449.0	4	510.1
Buweiziye	—	2.5	150.5	135.0	176.0	91.0	22.0	34.0	3.0	614.0	4	562.2
Jisr Banat Ya'qub	—	—	150.0	105.0	136.0	37.0	—	20.0	3.0	451.0	4	406.0
Safad	—	10.4	241.3	178.1	243.8	30.7	10.7	55.3	9.4	779.7	14	744.4
Farradiye	—	2.0	248.5	152.0	267.5	44.0	14.0	52.5	5.5	786.0	4	140.2
Tiberias	—	—	150.0	114.0	157.5	18.5	—	20.0	—	460.0	33	436.3
Semakh	—	—	119.0	79.0	110.0	31.5	2.0	15.0	—	356.5	4	300.2
Manawat	—	3.0	182.0	131.0	179.0	66.0	29.0	25.0	—	615.0	4	630.9
Nazareth	—	3.5	271.5	158.5	220.0	25.7	10.5	22.0	4.5	716.2	31	613.3
Affule	—	1.0	208.0	100.8	149.8	34.0	15.0	10.0	8.0	526.6	4	403.4
Jisr Sheikh Husein	—	—	118.5	45.0	102.0	27.0	11.0	12.0	—	315.5	4	276.8
Zikhron Ya'aqov	—	4.5	216.0	132.0	201.0	62.0	21.0	10.5	4.5	651.5	9	593.1
Nablus	—	—	140.0	167.0	389.0	16.0	13.0	12.0	4.0	741.0	15	590.3
Tulkarm	—	—	177.9	139.7	229.2	68.4	12.6	17.6	1.2	646.6	15	532.4
Jisr Damye	—	—	69.0	45.4	98.0	52.0	—	8.0	—	272.4	3	177.3
Qalmaniya	—	0.5	202.0	140.0	239.0	28.0	6.0	25.0	4.5	645.0	8	478.4
Wilhelma	—	1.0	146.5	116.2	252.0	8.5	3.5	16.5	2.0	546.2	12	476.0
Bir Zeit	—	drops	188.0	165.0	375.0	20.0	—	44.0	—	792.0	11	640.0
Ramallah	—	drops	221.0	136.5	433.0	21.0	—	54.0	—	865.5	3	695.8
Ben Shemen	—	0.7	183.7	130.2	278.3	2.6	—	16.1	—	611.6	17	459.4
Rafat	—	—	155.0	71.2	184.1	0.5	2.2	27.1	—	440.1	4	379.6
Er Ramle	—	1.5	169.5	129.7	272.1	6.7	0.5	18.1	4.5	602.6	10	437.0
Bab el Wad	—	drops	180.0	117.5	278.0	20.5	—	44.0	—	640.0	8	466.6
Qiryat 'Anavim	—	drops	222.1	154.2	320.0	34.8	3.4	60.2	—	794.7	8	550.0
Jaffa	—	—	185.5	112.0	199.5	1.0	1.5	14.5	drops	514.0	11	472.6
Miqve Yisrael	—	—	184.0	107.3	234.7	2.9	1.4	13.3	1.6	545.2	40	541.7
Kefar Sava	—	drops	228.0	144.5	294.0	7.0	drops	12.5	1.5	687.5	4	590.3
Sarona	—	1.0	233.5	118.5	253.0	5.0	3.5	14.5	3.0	632.0	23	544.9
Herzliya	—	2.0	209.5	106.5	261.7	4.5	5.0	17.0	3.5	609.7	8	544.5
Ramat hash Sharon	—	1.3	149.3	106.8	217.5	9.0	3.8	11.4	3.5	502.6	4	557.6
Rishon le Zion	—	—	168.0	128.0	374.0	—	—	20.0	1.0	691.0	12	536.6
Mazkeret Batya	—	—	135.9	70.4	262.7	1.7	8.6	21.7	5.0	505.0	12	416.2
Gedera	—	1.5	133.5	74.2	229.2	2.5	4.0	23.5	—	468.4	5	353.0
Hebron	—	3.0	104.5	130.0	206.0	34.0	—	35.5	3.0	516.0	26	532.0
El Majdal	—	—	120.0	106.0	174.0	4.0	—	9.0	—	413.0	11	326.9
Majdal Agric. Station	—	—	144.5	94.0	177.4	10.5	—	9.8	—	436.2	5	484.5
Khan Yunis	—	—	157.0	75.0	107.0	—	—	7.0	—	346.0	4	268.9
Khan el Ahmar	—	drops	24.0	44.0	64.0	23.0	—	12.0	—	167.0	5	143.0
Allenby Bridge	—	drops	52.0	18.5	37.0	7.0	—	10.0	—	124.5	4	103.3
Tel-Or	—	1.7	155.3	92.1	195.4	19.7	15.6	19.1	1.9	500.8	9	358.2
Dead Sea Post	—	—	29.0	23.3	36.2	10.3	—	3.0	—	101.8	9	65.8
Kurnub	—	—	1.0	24.0	37.0	1.0	—	1.0	—	64.0	3	60.8
Ras ez Zuweira	—	—	13.0	47.0	58.0	4.0	—	—	—	122.0	4	115.0
El 'Imara	—	—	73.0	42.0	99.0	—	—	3.0	—	217.0	3	161.5
Jemmame	—	—	28.0	161.0	345.0	16.0	—	28.0	—	578.0	3	311.3
Bir Asluj	—	—	—	30.0	55.0	1.0	—	—	—	86.0	3	69.0
Mi'ilya	—	10.0	156.0	157.0	255.0	84.0	26.0	28.0	—	716.0	3	701.7
El 'Auja	—	—	—	27.0	37.0	5.0	—	—	—	69.0	3	44.7
Edh Dhariye	—	drops	83.5	102.0	117.5	—	—	21.0	—	324.0	2	256.0
Beit Jibrin	—	drops	156.5	119.0	257.0	62.5	—	41.0	—	636.0	2	487.5
'Arrub	—	drops	134.4	163.3	296.0	49.3	—	32.0	—	674.9	2	581.6
Khulda	—	—	138.5	78.0	230.0	—	—	—	—	446.5	2	419.0
Nes Tsiyona	—	1.3	177.7	109.3	304.1	1.6	0.4	18.0	—	612.4	9	462.1
Mt. Tabor	—	—	190.7	120.3	148.0	39.2	5.0	18.0	—	521.2	2	395.5
Sarafand	—	1.5	151.0	103.0	285.0	0.5	—	13.5	0.5	555.0	2	417.4

TOTAL OF RAINFALL 1936/1937



PERCENTAGE OF RAINFALL 1936/1937 AS COMPARED WITH AVERAGE