Palestine. Meteorological Section.
Meteorological observations, 1930-1936.

GOVERNMENT OF PALESTINE.

DEPARTMENT OF AGRICULTURE AND FORESTS,
JERUSALEM.

METEOROLOGICAL [observations] SUMMARIES
1930.-1936

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GOVERNMENT OF PALESTINE.

Department of Agricultural & Forests.

Summary of Meteorological Observations at Jerusalem for the year 1930.

JERUSALEM.

$\varphi = 31^{\circ}\ 47'$ N. $\lambda = 35^{\circ}\ 13'$ East of Greenwich. H = 757.5 metres. $h_t = 1.5$ metres. $h_r = 1.0$ metres $C_h = +\ 63.9$ mm.

18450 500—9 3.31—A.P.

Month.	Mean Pressure (m.b.)	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. Amount.	Date.	Days with. > 0.1 mm. of rain	> 1.0 mm.	Wind. Force. or 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.
1930.																																								
January ...		697.27	6.5			8.2	12.0	4.5	17.2	29	2.2	25	84				6.1				4.9				178.1	99.8	15	12	12	0.6	—	—	—	—	1	3.5	4.5	—	21	0.98
February...		96.63	8.0			9.6	13.8	5.4	19.8	9	2.1	15	81				6.4				6.1				119.8	32.3	4	12	12	1.0	—	—	—	0.5	2.5	3.5	2.5	6	13	1.46
March ...		96.51	11.3			13.4	19.4	7.4	25.8	27	2.7	1	68				6.8				3.1				13.4	6.0	14	4	4	0.6	—	—	3.5	1.5	1	2	2.5	1.5	19	2.96
April... ...		95.00	15.5			16.7	22.7	10.7	32.0	9	5.5	5	54				7.1				4.1				57.5	37.0	24	6	5	0.9	—	—	3	1	1.5	1	2.5	3	17	4.42
May		96.96	18.9			19.8	26.7	13.0	34.7	3	8.5	18	49				8.0				1.0				10.9	10.9	19	1	1	0.6	—	—	—	1	4	1	6	—	19	5.96
June		95.46	22.3			22.9	29.5	16.3	37.3	11	13.5	14,15	54				10.7				0.0				0.0	0.0	—	—	—	0.8	—	—	1	—	0.5	1.5	11	2	14	6.67
July		93.67	23.2			24.0	30.5	17.6	34.3	26	14.2	1	51				10.7				0.2				0.0	0.0	—	—	—	0.8	—	—	—	—	—	1.5	15.5	2	12	6.81
August ...		94.36	24.2			25.4	32.2	18.5	39.4	8	15.7	25	56				12.5				0.9				0.0	0.0	—	—	—	0.6	—	—	—	—	—	2	9	3	17	6.56
September		96.65	21.9			23.4	30.2	16.6	35.7	27	13.6	20	57				11.1				1.0				2.0	2.0	20	1	1	0.7	—	0.5	0.5	—	—	2	9.5	0.5	17	5.16
October ...		97.97	18.8			20.8	27.0	14.7	34.6	12	11.9	30	67				10.8				1.8				0.3	0.3	4	1		0.5		—	—	—	—	1	6.5	2.5	21	4.22
November		99.25	14.7			15.9	20.7	11.1	27.4	9	4.3	30	68				8.4				2.6				55.0	27.0	24	7	7	0.6		1	1	—	—	3	2	2	21	2.97
December		98.50	11.6			12.9	17.2	8.6	21.7	22	3.9	1	75				7.6				4.1				81.0	25.0	29	10	10	0.8		1.5	5.5	1	2	3	—	1	17	2.53
Year ...		696.52	16.4			17.8	23.5	12.0	—	—	—	—	64				8.8				2.6				518.0	—	—	54	52	0.7	—	3	14.5	5	12.5	25	71.5	23.5	208	4.22

GOVERNMENT OF PALESTINE.

Department of Agriculture & Forests.

JERUSALEM.

Summary of Meteorological Observations at Jericho for the year 1930.

$\varphi = 31^{\circ}\ 51'$ N. $\lambda = 35^{\circ}\ 27'$ East of Greenwich. H = 250 metres. $h_t = 1.5$ metres.

18450—500—9.3.31—A.P.

Month.	Mean Pressure (m. b.)	Mean Pressure Standard (m.m.)	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. Amount.	Date.	Days with. ≥ 0.1 mm. of rain.	≥ 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.
1930.																																								
January ...			12.2	17.7	12.7	12.9	18.7	9.0	22.2	2	6.3	12	78	53	76	77	8.2	7.9	8.3	8.1	4.1	4.5	3.2	3.9	54.5	26.0	15	13	13	1.3	12	16	2.5	4	11	12	9.5	21	5	3.13
February...			14.2	20.2	15.1	15.0	21.2	10.7	24.0	3	7.5	7	74	47	69	72	8.9	8.3	8.8	8.7	5.2	4.6	4.1	4.6	22.0	5.0	14	11	9	1.2	8.5	13	2.5	4	7.5	12.5	13.5	15.5	7	4.14
March ...			17.6	25.5	18.6	18.4	26.5	11.7	36.5	21	6.5	3	61	34	56	58	9.0	8.1	9.0	8.7	1.1	2.1	0.8	1.3	1.0	1.0	7	1	1	1.4	18.5	28	4.5	11.5	6.5	4.5	3.5	16	—	6.61
April... ...			22.2	29.6	22.2	22.4	30.8	15.8	39.0	10	10.5	3	50	28	48	49	9.9	8.6	9.4	9.3	2.4	3.1	1.7	2.4	20.5	19.0	24	2	2	1.6	17	15	4.5	11	6	7	8	13.5	8	9.13
May			25.8	33.3	25.4	25.8	34.7	18.5	40.0	3,29	14.8	14	47	27	44	46	11.5	10.2	10.3	10.7	0.4	0.4	0.2	0.3	1.0	1.0	19	1	1	1.5	14	23	4	19	9	3	5	9	7	11.61
June			29.1	36.5	29.7	29.4	37.8	22.2	44.5	11	20.4	18	46	25	37	42	13.9	11.5	11.4	12.3	0.3	0.4	0.2	0.3	0.0	0.0	—	—	—	1.6	16	19.5	4	13	10	2.5	2.5	12.5	10	12.74
July			31.0	37.3	31.5	30.9	39.0	23.9	42.0	25,26	21.5	1	48	30	41	44	15.9	14.2	14.2	14.8	0.1	0.2	0.0	0.1	2.0	2.0	3	1	1	1.5	8.5	20	5.5	19	15.5	3.5	5	9	7	12.41
August ...			31.1	38.5	32.5	31.9	40.1	25.5	45.0	8	22.7	13	53	29	43	48	17.8	15.0	15.6	16.1	0.4	0.3	0.1	0.3	0.0	0.0	—	—	—	1.5	18	30	5	13.5	9	4.5	2.5	9.5	1	12.68
September			29.3	36.4	29.9	29.7	37.6	23.3	43.5	26	21.0	17	54	31	44	49	16.3	14.0	13.9	14.7	0.6	0.7	0.0	0.4	0.0	0.0	—	—	—	1.2	20.5	22.5	7.5	9.5	10	4.5	3.5	4	8	10.49
October ...			26.5	33.0	26.3	26.6	34.0	20.4	40.5	12	17.5	24,28	48	30	48	48	12.2	11.3	12.0	11.8	1.3	1.6	0.8	1.2	0.0	0.0	—	—	—	1.4	21	24.5	7	9	10.5	5.5	4	3.5	8	9.02
November			21.1	27.2	20.6	21.3	28.4	16.4	34.6	7	8.6	30	58	39	58	58	10.7	10.4	10.6	10.6	2.4	3.1	1.0	2.2	8.0	4.0	24	3	3	1.7	23.5	22	2.5	2	8	7.5	7	9.5	8	6.36
December			17.3	23.0	17.9	18.0	23.8	13.8	27.4	5	6.5	1	68	47	64	66	9.9	9.7	9.8	9.8	4.4	4.8	4.0	4.4	50.5	17.0	29	10	8	1.4	16.5	16.5	2	6.5	7.5	10.5	10.5	20	3	4.65
Year ...			23.1	29.8	23.5	23.5	31.0	17.6	—	—	—	—	57	35	52	55	12.0	10.8	11.1	11.3	1.9	2.2	1.3	1.8	159.5	—	—	42	38	1.4	194	250	51.5	122	110.5	77.5	74.5	143	72	8.58

GOVERNMENT OF PALESTINE.

Department of Agriculture & Forests.

JERUSALEM.

Summary of Meteorological Observations at Tel-Aviv for the year 1930.

18450-500 9 3.41 A.P.

φ = 32 0 4 ' N. λ = 34 0 46 ' East of Greenwich. H = 34 metres. h_t = 1.8 metres. h_r = 1.2 metres.

Month.	Mean Pressure (m.b.)	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.). 8 h.	14 h.	20 h.	Mean.	Cloud Amount (0-10) 7 h.	14 h.	21 h.	Mean.	Rainfall (mm.). Total mm.	Maximum 1 day. Amount.	Date.	Days with > 0.1 mm. of rain.	> 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.
1930.																																								
January ...	[illegible]	767.34	9.0	15.7	11.7	12.0	16.2	7.8	20.2	30	5.6	26,28	86	64	86	79					4.3	4.5	4.2	4.3	214.5	53.2	20	16	16	1.7	1	1	9	29	23	11	8	8	3
February...	[illegible]	66.50	11.1	17.1	14.1	14.1	17.8	9.4	21.0	21	5.8	3	82	60	83	75					6.2	3.9	3.4	4.5	89.2	25.8	13	14	14	2.1	—	1	8	21	8	9	22	11	4
March ...	[illegible]	65.52	12.1	19.5	15.1	15.4	20.4	9.7	28.6	13	6.0	3,4	84	56	78	73					3.4	1.8	1.4	2.2	8.0	6.6	14	3	2	1.7	—	6	11	23	11	6	12	16	8
April... ...	[illegible]	61.94	17.2	(22.8)	18.9	(19.4)	24.9	13.4	37.0	19	7.4	3	72	(48)	70	(63)					3.5	3.4	3.1	3.3	16.4	7.9	24	6	4	1.9	2	5	16	11	10	8	12	19	7
May	[illegible]	63.25	20.4	24.5	20.4	21.4	25.9	15.9	40.0	3	12.5	9	71	58	77	69					3.2	1.1	1.5	1.9	1.5	1.5	19	1	1	1.8	5	6	9	12	5	3	8	32	13
June		59.90	24.8	28.3	24.1	25.3	29.4	19.8	38.0	11	16.1	1	68	59	80	69					2.1	0.6	1.4	1.4	0.0	0.0	—	—	—	1.6	4	5	1	12	11	6	8	25	18
July	[illegible]	56.94	25.9	30.9	26.4	27.4	31.6	21.8	33.0	28	18.5	1	76	59	83	73					2.0	1.2	1.6	1.6	0.0	0.0	—	—	—	1.5	—	4	5	18	15	4	12	19	16
August ...	[illegible]	57.69	25.9	31.3	27.1	27.8	31.9	23.3	34.0	9	20.0	26	81	60	81	74					2.3	0.6	3.0	2.0	Drops	Drops	11	—	—	1.8	6	7	5	21	10	—	6	32	6
September	[illegible]	60.80	23.4	29.8	25.7	26.2	30.7	20.9	35.5	26	18.2	12	80	57	75	71					1.9	0.7	1.2	1.3	3.1	2.3	18	2	1	1.8	3	5	7	30	1	1	6	30	7
October ...	[illegible]	64.01	20.0	27.2	22.9	23.2	28.0	17.8	35.0	25	15.0	28	79	54	75	69					1.6	1.2	1.5	1.4	0.2	0.2	4	1	—	1.6	4	6	4	28	11	3	5	25	7
November	[illegible]	67.07	15.4	22.7	18.9	19.0	23.2	13.7	31.5	5	8.8	29	84	56	76	72					3.0	3.2	2.4	2.9	89.4	26.5	18	9	8	1.7	6	12	6	16	15	4	14	11	6
December	[illegible]	67.04	13.5	20.3	16.0	16.4	20.9	12.0	26.5	29	6.8	1	77	62	77	72					5.4	5.6	4.3	5.1	120.3	27.0	29	12	9	1.3	1	6	11	28	16	10	3	9	9
Year ...	[illegible]	763.17	18.2	24.2	20.1	20.6	25.1	15.5	—	—	—	—	78	58	78	72					3.2	2.3	2.4	2.7	542.6	—	—	64	55	1.7	32	64	92	249	136	65	116	237	104

NOTE:- Observations at 7^h, 14^h & 21^h. Mean of day = $\frac{7^h + 14^h + 21^h}{3}$ & (R. Humidity etc.) Mean temp. = $\frac{1}{4}(7^h + 14_h + 2 \times 21^h)$

GOVERNMENT OF PALESTINE.

Department of Agriculture & Forests.

JERUSALEM.

Summary of Meteorological Observations at Jenin for the year 1930.

18450 1500 9.3.41 A.P

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

Month.	Mean Pressure (m.b.)	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. Amount.	Date.	Days with > 0.1 mm. of rain.	> 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.
1930.																																								
January ...			10.9	15.1	8.8	10.1	16.4	5.7	19.0	12	4.6	30									3.3	4.9	3.7	4.0	161.9	36.9	20	10	10	2.8	8.5	4.5	5	6	11	27	22	9	—	1.79
February...			11.8	15.7	9.7	11.2	17.0	7.6	19.3	9	4.9	7									4.2	4.2	3.8	4.1	148.6	35.6	4	10	10	2.9	3	2	7.5	12	10	25.5	21.5	2.5	—	2.53
March ...			14.5	20.5	11.8	14.1	22.0	9.7	29.8	27	7.2	5									1.0	1.9	0.8	1.2	22.8	19.2	8	2	2	2.6	4.5	8.5	13.5	12.5	13	22	15.5	3.5	—	4.39
April			18.3	27.6	14.9	18.3	29.2	12.4	35.9	19	7.9	5									1.6	1.8	1.6	1.7	47.5	20.5	3	5	4	3.3	—	1.5	11	14	11.5	27.5	22.5	2	—	6.15
May			21.7	29.6	18.0	21.1	31.1	15.2	39.3	10	12.3	16									0.5	0.5	0.1	0.4	0.0	0.0			—	2.8	11	6	5.5	7.5	3.5	18	26.6	1.5		7.09
June			27.0	32.7	24.2	25.9	34.1	19.8	40.3	11	16.7	12									0.5	0.4	0.0	0.3	0.0	0.0	—	—	—	3.0	4	4	3.5	2	5	31.5	32.5	7.5		9.16
July			28.5	35.8	25.8	27.8	37.2	21.0	39.4	26,28,30	19.5	6									0.3	0.0	0.0	0.1	0.0	0.0	—	—		2.7				2	19.5	14.5	27			11.24
August ..			29.3	36.6	26.6	28.6	38.0	22.0	41.7	9	19.1	12									0.1	0.0	0.0	0.0	0.0	0.0	—	—	—	2.4	6	3.5	1.5	1	12.5	32	26.5	10	—	11.71
September			28.6	35.1	26.2	27.9	36.5	21.6	40.1	26	19.7	18									0.4	0.0	0.0	0.1	0.0	0.0	—		—	2.7	7.5	6	4	3.5	5	25.5	28	10.5		11.08
October ...			(24.6)	—	26.7	*(25.6)	—	—	—	—	—	—									1.1	0.9	0.7	0.9	0.0	0.0				2.6	2	3.5	4.5	6	17.5	21	30.5	8		8.00
November			19.6	27.5	19.2	19.1	28.9	10.1	34.6	8	7.0	3									2.2	2.2	1.7	2.0	23.0	13.1	17	4	4	2.7	9	3	4	5.5	13.5	25	18.5	11.5		4.80
December			15.2	22.4	13.5	14.6	23.6	7.2	25.9	14	5.4	31									3.6	3.9	4.0	3.8	85.0	30.0	29	11	11	3.1	7.5		-		5	31	34	15.5		3.49
Year ...			20.8	—	18.8	20.4		—	—	—	—	—									1.6	1.7	1.4	1.6	488.8	-	—	42	41	2.8	63	42.5	60	72	127	330.5	305	95		6.79

* $\frac{8^h + 20^h}{2}$

GOVERNMENT OF PALESTINE.

Summary of Meteorological Observations at Haifa for the year 1930.

Department of Agriculture & Forests.

JERUSALEM.

18450 1500 9.3.41 A.P.

φ = 32 ° 48 ' N. λ = 34 ° 59 ' East of Greenwich. H = 10 metres. h_t = 1.5 metres. h_r = 1.3 metres. C_h = + 0.7 mm.

Month.	Mean Pressure (m. b.)	Mean Pressure Standard (m.m.)	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. Amount.	Date.	Days with. > 0.1 mm. of rain.	> 1.0 mm.	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.
1930																																								
January ...		761.38	12.6	17.4		13.4	18.3	8.5	22.6	29	5.5	7	—	—			—	—			4.3	4.0			255.8	49.0	14	17	15	1.4	0.5	1	1	15.5	21	8	0.5	0.5	14	2.08
February ...		60.13	14.8	19.0		15.2	19.9	10.4	24.8	8	7.1	15	—	—			—	—			5.7	5.6			105.3	22.5	24	12	10	1.4	1	1	2	5.5	16.5	16.5	0.5	—	13	2.17
March ...		60.07	17.8	22.4		17.5	23.6	11.4	33.4	21	7.2	2	—	—			—	—			2.1	0.6			2.0	2.0	14	1	1	1.4	2.5	8	6.5	9	8	7.5	4.5	4	12	3.37
April ...		57.23	21.1	25.2		(19.4	25.7)	13.2	(36.8	19)	9.7	13	—	—			10.7	(13.7)			3.0	1.9			2.5	1.7	24	5	1	2.1	4.5	4	4.5	4	16.5	14.5	8	3	1	5.06
May ...		58.88	24.1	27.4		22.9	28.2	17.6	41.2	3	12.2	5	58	58			12.9	15.8			1.6	0.3			Drops	Drops	12	—	—	0.7	1.5	5.5	12.5	7.5	2	3.5	3	0.5	26	4.87
June ...		55.99	27.8	30.2		26.4	31.1	21.8	39.0	11	19.5	1,5	63	64			17.6	20.5			1.0	0.2			0.0	0.0	—	—		0.7	2	4.5	5	2.5	11.5	12	0.5		22	5.10
July ...		53.39	29.5	31.8		28.2	32.6	23.9	34.8	7	21.6	2	65	65			20.2	22.7			1.0	0.3			0.0	0.0				0.6		0.5	1.5	2	10.5	14.5	4.5	0.5	28	4.77
August ...		54.25	30.4	32.8		29.2	33.6	24.7	35.1	7	22.9	20,21	66	66			21.2	24.4			0.5	0.0			Drops	Drops	11			0.7		0.5	0.5	1	8.5	11.5	5		35	5.10
September		57.12	29.3	32.2		28.2	33.0	23.5	35.0	1	20.8	12	66	68			20.1	24.2			1.0	0.4			Drops	Drops	19			0.7	—	1.5	5.5	3	9.5	11.5	2		27	5.24
October ...		59.62	26.6	29.3		25.7	30.1	21.3	32.7	26	17.8	30,31	69	68			17.9	20.9			1.6	0.6			3.6	2.1	9	2	2	0.6	—	1.5	9	5	5.5	5		—	36	5.05
November		61.75	21.0	25.1		20.2	26.0	14.5	33.4	6	9.7	30	61	63			11.2	14.8			4.2	2.5			75.6	21.5	24	9	9	0.8	0.5	2	6.5	6.5	7.5	6			31	3.67
December		61.28	17.2	21.1		16.8	22.0	11.7	25.9	19	9.3	1	61	62			8.9	11.3			3.7	3.0			255.1	56.0	9	10	10	1.1		1	3.5	15	16.5	4			22	3.44
Year ...		758.42	22.7	26.2		21.9	27.0	16.9		—	—	—					—	—			2.5	1.6			699.9	—	—	56	48	1.0	12.5	31	58	76.5	133.5	114.5	28.5	8.5	267	4.16

GOVERNMENT OF PALESTINE.

Department of Agriculture & Forests.

JERUSALEM.

Summary of Meteorological Observations at Acre for the year 1930.

18450 500 9.3.41 A.P.

φ = 32 ° 55 ' N. λ = 35 ° 4 ' East of Greenwich. H = 18.7 metres.

Month.	Mean Pressure (m. b.)	Mean Pressure Standard (m.m.)	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. Amount.	Date.	Days with. > 0.1 mm. of rain.	> 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.
1930																																								
January ...			11.1	(16.5)	11.5	(11.8	17.5)	8.0	(21.9	4,30)	5.0	25	80	(56)	80	80	7.9	(7.9)	8.0	(7.9)	4.0	3.9	4.4	4.1	155.0	35.0	14	15	15	2.5	2	3.5	7	33.5	30.5	9	4	2.5	1	4.56
February...			13.1	17.3	13.7	13.3	18.4	9.2	23.9	21	5.5	15,16	86	(70)	82	84	9.5	(10.3)	9.6	(9.8)	5.0	4.6	4.2	4.6	122.6	26.0	18	12	12	2.4	1	4	3.5	18	16.5	18	16	5	2	4.36
March ...			15.7	20.4	14.6	14.9	21.9	8.9	31.8	21	4.0	3	82	69	90	86	10.9	12.3	11.1	11.4	2.6	1.4	2.0	2.0	5.5	3.0	14	4	2	2.1	11.5	6.5	3	13.5	17	12	13.5	9	7	4.54
April... ...			20.4	22.6	17.4	18.0	25.1	11.7	36.7	19	5.0	1	68	68	(80	74)	12.2	13.8	(11.8	12.6)	3.6	2.6	3.0	3.1	46.8	20.1	24	5	5	2.4	10.5	5.5	1.5	10	12	16.5	17	14	3	5.74
May			22.6	24.7	20.0	20.3	25.5	13.8	40.1	3	9.2	13	66	63	76	71	13.5	14.5	13.2	13.7	1.7	1.2	1.6	1.5	Drops	Drops	12,15,19	-	—	2.0	19.5	4.5	0.5	3.5	4	16.5	20	22.5	2	5.09
June			26.2	27.4	24.0	24.0	28.6	18.6	38.0	16	15.7	2	66	66	73	70	16.5	17.8	16.1	16.8	1.4	1.0	0.9	1.1	0.0	0.0	—	—	-	1.8	9.5	1	—	1.5	2.5	18.5	27	26	4	4.97
July			27.7	29.3	25.9	26.1	30.1	21.4	31.5	28	18.5	1,3	73	70	79	76	20.1	21.3	19.7	20.4	1.5	1.2	1.8	1.5	0.0	0.0	—			1.7	4.5	1	-	-	0.5	25.5	34	23.5	4	5.11
August ...			28.7	30.0	26.9	27.0	30.9	22.3	32.2	9	19.4	21,26	78	75	86	82	22.7	23.6	22.6	23.0	1.6	1.0	2.2	1.6	Drops	Drops	8,11			1.8	17	3	—	-	0.5	16.5	22	31	3	5.17
September			28.1	29.4	25.4	25.6	30.6	19.4	38.9	26	15.5	21	65	63	76	70	18.1	19.0	18.3	18.5	1.7	1.3	1.1	1.4	2.5	2.5	19	1	1	1.8	23.5	7	1.5	4.5	3.5	10.5	15	20.5	4	6.35
October ...			25.5	27.7	22.6	23.1	29.3	16.7	36.0	25	13.7	24	60	58	70	65	14.3	15.8	14.3	14.8	1.3	1.3	1.5	1.4	Drops	Drops	3,5,9	—	-	1.7	15.5	12	4.5	7.5	13.5	10	7.5	11.5	11	6.89
November			19.5	23.8	18.4	18.8	25.4	13.3	33.2	6	7.0	30	75	64	80	78	12.6	14.0	12.5	13.0	2.4	1.7	2.6	2.2	83.0	22.0	25	8	8	1.8	13.5	12.5	6	12	15.5	9	8.5	8	5	5.32
December			16.2	20.8	16.2	16.3	22.1	12.0	26.6	7	6.0	1	72	61	74	73	9.9	11.1	10.2	10.4	3.5	3.4	3.9	3.6	132.5	34.0	29	9	9	2.3	1.5	5.5	7	36	27	7.5	2	3.5	3	5.71
Year ...			21.2	24.2	19.7	19.9	25.4	14.6			—	—	73	65	79	76	14.0	15.1	14.0	14.4	2.5	2.0	2.4	2.3	547.9	—	—	54	52	2.0	129.5	66	34.5	140	143	169.5	186.5	177	19	5.32

GOVERNMENT OF PALESTINE.

Department of Agriculture & Forests.

JERUSALEM.

Summary of Meteorological Observations at Beersheba for the year 1930.

18450 - 1500 - 9.3.41 - A.P.

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

Month.	Mean Pressure (m.b.)	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. Amount.	Date.	Days with ≥ 0.1 mm. of rain.	≥ 1.0 mm. of rain.	Wind. Force. or 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.
1930.																																								
January ...			8.2			10.6	17.5	3.8	21.1	29	0.5	15	(92)				(7.4)				3.4				60.6	15.0	7,16	9	9	4.4	—	—	8.5	9	5.5	5	—	—	1	2.98
February...			11.3			13.0	20.7	5.2	25.0	8,9	2.5	17	83				8.3				4.5				28.3	14.2	15	5	5	3.3	—	—	2.5	6	4.5	1	4	—	10	3.68
March ...			14.6			15.2	25.4	5.0	32.9	21	0.9	1,4	72				8.9				1.5				6.0	4.0	7	2	2	1.4	—	—	3	3	2	—	2	—	20	6.21
April... ...			20.6			20.4	31.4	9.4	37.0	9	2.3	1	54				9.8				3.3				25.0	10.0	4	4	4	4.3	—	—	10	2	4	1	6	—	6	9.41
May			23.1			(22.5	33.3)	11.7	(40.0	3)	7.0	2	58				12.1				1.2				0.0	0.0	—	—	—	1.4	—	—	4.5	2.5	2	4	7	—	10	10.45
June			26.6			26.0	36.4	15.7	42.5	11	11.4	2	(66)				(17.2)				1.1				0.0	0.0	—	—	—	1.3	—	—	—	—	2	3	5	—	20	11.96
July			27.5			26.3	35.1	17.5	38.2	25	13.9	1	(71)				(19.3)				1.0				0.0	0.0	—	—	—	1.3	—	—		—	2	1	10	—	17	10.42
August ...			27.4			27.7	35.6	19.8	37.9	8	16.2	13	—				—				1.5				0.0	0.0	—	—	—	1.5	—	—		—	—	1	16	—	14	8.32
September			27.0			25.2	34.4	16.1	39.2	26	9.4	22	85				22.5				0.5				Drops	Drops	20	—	—	1.3			3	1	—	—	8		17	7.91
October ...			23.8			(23.7)	33.1	(14.3)	38.6	12	(11.4	6,7)	79				17.3				1.5				0.0	0.0	—	—	—	2.5		—	3	4	1	3	12		7	6.90
November			(17.5)			18.8	27.5	10.2	31.9	6	4.0	30	(81)				(12.0)				3.0				4.3	3.3	1	2	2	3.4		—	4	1.5	3.5	1	16		2	5.94
December			14.0			16.6	24.3	9.0	27.0	29	1.2	1	74				8.7				4.4				26.7	10.2	29	4	4	4.1	—	—	10	7.5	4.5	—	4		3	4.75
Year ...			20.1			20.5	29.6	11.5	—	—	—	—	—				—				2.2				150.9	—	—	26	26	2.5	—	—	48.5	36.5	31	20	90		127	7.41

GOVERNMENT OF PALESTINE.

Summary of Meteorological Observations at Gaza for the year 1930.

Department of Agriculture & Forests.

JERUSALEM.

18450 1500 9.3.41 A.P.

$\varphi = 31^{\circ}\ 30'$ N. $\lambda = 34^{\circ}\ 27'$ East of Greenwich. H = 35.1 metres. h_t = 1.5 metres. h_r = 1.0 metres. C_h = + 3.2 mm.

Month.	Mean Pressure (m. b.)	Mean Pressure Standard (m.m.)	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. Amount.	Date.	Days with. ≥ 0.1 mm. of rain.	≥ 1.0 mm. of rain.	Wind. Force. or 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.
1930																																								
January ...		759.73	11.0			13.0	18.0	8.1	22.5	30	4.6	26	77				7.6				3.5				149.5	32.0	15	15	12	0.8	—	—	—	1	14	7	—	—	9	2.41
February...		59.11	13.0			14.0	18.8	9.2	22.8	8	4.8	3	74				8.2				4.9				52.0	16.4	15	8	8	0.8	1	—	—	—	10.5	6.5	2	—	8	3.12
March ...		58.49	15.1			15.6	21.7	9.6	33.3	21	4.9	5	76				9.8				2.2				13.9	9.1	8	3	3	0.6	—	—	1	2	12	1	1		14	3.64
April... ...		55.65	21.0			20.0	26.2	13.9	37.2	9	7.8	1	58				10.8				2.9				76.0	67.7	24	4	4	0.8	—	1	2	1.5	6	7.5	1	1	10	6.74
May		57.50	23.1			21.2	27.4	14.9	40.7	3	11.6	8	61				12.7				1.4				2.4	2.4	19	1	1	0.7	—	—	1	—	4	4	4	6	12	6.77
June		54.82	26.3			24.0	29.1	19.0	40.0	11	16.3	3,15	63				15.9				1.5				0.0	0.0	—	—		0.7	—	3	—	—	3	3	3	1	17	7.16
July		52.74	27.5			25.6	30.3	20.9	32.2	16	19.0	1	67				18.3				1.6				0.0	0.0	—	-		0.7	2	—	1	—	6	5	5	1	11	8.42
August ...		53.37	28.0			26.6	31.3	22.0	34.3	9	20.1	21,20	71				19.9				1.5				0.0	0.0	—	-	-	0.7	1	—		—	5	4	5	4	12	6.89
September			26.8			25.5	30.8	20.2	38.6	26	17.9	12	69				18.2				1.2				Drops	Drops	20	—	—	0.6	—	—	-	2	7	5	1	3	12	6.86
October ...		58.29	23.9			23.0	28.3	17.6	32.4	12	14.3	6	66				14.5				1.1				0.1	0.1	4	1	—	0.5	1	2	2		6	3	1	—	16	6.62
November		60.86	18.1			18.8	24.0	13.7	28.1	5	7.8	29	75				11.5				3.2				15.8	7.2	17	5	5	0.5	—	-	—	1	6	5	1		17	4.61
December		—	14.9			16.6	21.7	11.6	26.8	29	7.2	1	72				9.1				3.8				71.6	36.1	9	8	8	0.7	—	1	1	1	9	5	0.5	1.5	12	3.74
Year ...		-	20.7			20.3	25.6	15.1	—	—	—	—	69				13.0				2.4				381.3	—	—	45	41	0.7	5	7	8	8.5	88.5	56	24.5	17.5	150	5.58

GOVERNMENT OF PALESTINE.

Department of Agriculture & Forests.

JERUSALEM.

Summary of Meteorological Observations at Beisan for the year 1930.

18450 500 9.3.31 A.P.

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

Month	Mean Pressure (m. b.)	Mean Pressure Standard (m m.)	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. Amount.	Date.	Days with. > 0.1 mm. of rain.	> 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.
1930.																																								
January			9.9	16.6		12.4	18.5	6.3	23.1	4	0.9	12	86	62			7.8	8.7			3.0	3.4			89.0	25.5	14	12	11	0.9	1	4	8	9	10.5	0.5	7	4	18	2.13
February			12.4	18.2		14.5	20.3	8.7	23.8	8	4.4	28	87	67			9.2	10.5			4.0	3.6			66.8	20.3	4	9	9	1.1	1	1	8.5	9	13	4.5	3.5	1.5	11	2.70
March			15.4	22.8		16.4	24.8	8.1	33.1	21	2.5	3	77	55			10.0	11.3			1.5	2.0			13.2	10.0	7	3	3	1.1	3	5.5	12.5	1	3.5	4	9	10.5	13	4.59
April			20.0	27.3		20.6	29.5	11.6	37.0	30	6.0	1	65	42			11.2	11.4			2.0	2.3			21.2	9.5	3	4	4	1.1	4	6.5	6.5	2.5	2	2.5	16	6	14	7.32
May			23.9	31.1		24.0	33.4	14.6	41.3	11	10.4	18	58	34			12.7	11.2			0.8	0.1			2.0	2.0	19	1	1	1.0	4.5	2	3.5	1.5	3	1	20	11.5	15	10.53
June			27.9	34.9		27.9	36.6	19.2	43.6	11	17.2	14,18	59	33			16.4	13.5			0.3	0.0			0.0	0.0	--			0.8	--	0.5	1.5	0.5	0.5	1.5	24	13.5	18	10.52
July			29.6	35.6		29.3	37.2	21.4	40.0	26	18.2	1	58	37			18.0	15.6			0.4	0.0			0.0	0.0	-		--	0.7	—	1	3.5	0.5	2	1.5	25.5	10	18	10.56
August			30.1	36.7		30.8	38.7	22.8	42.5	9	19.9	20	62	37			19.6	17.1			0.7	0.1			0.0	0.0		--	—	0.8		2	3.5	1.5		1	27.5	11.5	15	10.32
September			28.2	35.2		28.6	36.8	20.5	41.8	26	16.4	25	61	38			17.5	15.7			0.7	0.4			0.0	0.0		-		0.7	0.5	2	6.5	2.5	2.5	1	22.5	9.5	13	9.05
October			25.5	32.3		25.8	34.3	17.3	40.0	12	13.4	27	58	40			14.0	14.6			0.7	1.1			0.0	0.0	--	-	--	1.0	2	6.5	7	6	1.5	0.5	16.5	6	16	7.68
November			19.5	26.0		21.0	28.1	13.8	36.0	7	6.8	30	61	50			10.4	12.6			1.5	2.6			21.0	9.8	17	4	4	1.1	2	7	3	4.5	7.5	1	8	3	24	5.24
December			15.5	21.9		18.0	23.6	12.4	28.5	6,29	5.0	1	63	50			8.3	9.6			3.9	3.8			68.0	16.7	11	12	10	1.7	2.5	15	6	6.5	5	2	1.5	0.5	23	4.51
Year			21.5	28.2		22.4	30.2	14.7	-	-	-	-	66	45			12.9	12.6			1.6	1.6			281.2	--	—	45	42	1.0	20.5	53	70	45	51	21	181	87.5	201	7.10

GOVERNMENT OF PALESTINE.

Department of Agriculture & Forests.

JERUSALEM.

Summary of Meteorological Observations at Beit Gemal for the year 1930.

18L60 .500 9.33 A.P.

φ = 31 ° 43 ' N. λ = 34 ° 59 ' East of Greenwich. H = 320 metres.

Month	Mean Pressure (m.b.)	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. Amount.	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.
1930.																																								
January			10.4	14.5	10.4	10.9	16.8	8.3	22.5	12,29	6.3	16	73	57	75	74	6.8	7.1	7.1	7.0	3.8	5.4	2.5	3.9	120.7	78.8	14	9	9	2.3	4	6	3	14	16	26	4	3	17	-
February			(11.7)	15.3	11.2	(11.8)	17.6	(8.8)	24.0	8	(7.1	15)	(83)	76	85	(84)	(8.4)	9.8	8.4	(8.9)	5.1	4.2	2.4	3.9	28.8	13.7	14	4	4	2.5	1	4	2	6	13	19	11	2	26	
March			15.4	20.2	13.8	15.0	22.7	10.6	31.8	21	7.4	3,5	71	(63)	82	76	9.3	(11.1)	9.6	(10.0)	2.3	2.7	1.2	2.1	12.2	6.6	13	2	2	1.7	4	12	9	6	8	10	10	8	26	4.15
April			19.9	24.4	17.4	19.1	27.3	14.7	36.2	9	8.4	5	50	39	65	58	8.6	8.9	9.6	9.0	4.1	4.8	2.4	3.8	38.7	22.3	24	4	4	2.2	4	1	12	11	11	14	11	8	18	6.34
May			21.9	27.6	19.2	21.1	30.6	15.8	38.9	3	12.0	8	53	41	67	60	10.4	11.4	11.1	11.0	2.4	1.6	0.5	1.5	2.0	2.0	19	1	1	1.4	6	8	1	8	9	12	7	18	24	5.95
June			25.1	30.3	22.3	24.2	33.6	19.1	40.6	11	14.8	1	54	43	72	63	12.6	13.7	14.5	13.6	2.0	1.8	0.9	1.6	0.0	0.0	—	—	—	1.5		8	—	7	3	15	13	22	22	7.60
July			25.7	31.6	23.9	25.4	33.0	20.4	36.0	25	19.1	1	61	43	77	69	14.9	15.0	16.9	15.6	2.0	0.9	0.1	1.0	0.0	0.0	—		—	1.6	2	2		2	5	19	14	20	29	7.07
August			26.7	32.3	24.5	26.1	34.1	20.9	37.6	8	18.9	13	64	46	80	72	16.4	16.7	18.1	17.1	2.8	1.0	0.3	1.4	0.0	0.0	—	—	—	1.3	4	4	2	9	3	10	12	11	38	5.83
September			25.8	31.2	23.0	24.8	32.8	19.3	38.9	26	13.8	29	59	41	76	68	14.5	14.0	15.8	14.8	2.7	2.0	0.4	1.7	Drops	Drops	19,20		—	1.4	5	11		14	2	6	3	22	27	5.95
October			24.1	28.5	20.9	23.0	30.6	18.6	37.5	12	15.8	31	54	40	72	63	12.1	11.7	13.1	12.3	3.2	3.7	2.5	3.1	Drops	Drops	4	—		2.3	5	14	4	19	6	18	1	21	5	6.17
November			18.7	22.7	17.0	18.4	24.4	15.0	32.2	8	10.0	29	60	48	71	66	9.6	9.7	10.2	9.8	3.3	3.2	2.6	3.0	46.2	20.6	24	4	4	2.7	1	10	6	16	10	28		10	9	5.11
December			15.6	19.8	15.2	15.9	22.4	12.9	27.8	29	8.2	30	63	54	70	66	8.4	9.4	9.0	8.9	5.6	5.9	3.9	5.1	89.6	27.4	9	7	7	3.0	2	19	9	21	10	24	2	3	3	5.04
Year			20.1	24.9	18.2	19.6	27.2	15.4	—	—	—		62	49	74	68	11.0	11.5	12.0	11.5	3.3	3.1	1.6	2.7	338.2	—	—	31	31	2.0	38	99	48	133	96	201	88	148	244	