GOVERNMENT OF PALESTINE.

DEPARTMENT OF AGRICULTURE AND FORESTS,

JERUSALEM.

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METEOROLOGICAL SUMMARIES

1933.

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GOVERNMENT OF PALESTINE

Department of Agriculture and Forests

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT JERUSALEM FOR THE YEAR 1933

27113 '500 Hks G.C.P.

$\varphi = 31^\circ 47'$ 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.=

JERUSALEM

Month	Mean Pressure (m.b.)	Mean Pressure Standard (mm.) 8 h.	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
1933																																								
January ...		698.23	6.4			8.4	12.4	4.5	18.4	23	-0.2	7	83				5.9				4.9				86.6	18.0	5	14	13	1.2	1	0	6	2	0	5	4	3	10	1.68
February		95.79	8.9			—	—	5.9	—	—	2.3	4	74				6.3				4.3				60.8	18.8	5	7	7	1.5	0	0	3.5	3.5	1	0	7	8	5	2.44
March ...		95.74	10.8			(14.1	21.6)	6.6	(28.0	28)	1.1	5	60				5.8				4.2				34.9	20.0	11	5	5	1.8	1.5	0	3.5	2.5	0.5	2	7.5	8.5	5	3.79
April		95.48	13.1			15.4	23.2	7.5	36.8	24	2.2	16	53				6.0				3.7				25.1	8.8	3	7	7	1.7	0.5	0	4	3	0	2	12	5.5	3	4.79
May		95.61	19.5			—	—	13.1	—	—	8.6	9	44				7.3				1.8				1.0	1.0	29	1	1	1.2	0	0	1.5	7	0.5	1.5	11	3.5	6	6.79
June		94.89	23.2			22.6	29.8	15.5	40.0	9	9.6	7	34				7.3				0.3				0.0	0.0	—	0	0	1.3	1.5	2	1	3	1	0	11	5.5	5	9.24
July		94.31	22.5			22.5	29.1	15.9	32.3	7	12.8	6	48				9.7				0.6				0.0	0.0	—	0	0	1.4	1	0.5	0	2	0	3	17	6.5	1	7.75
August ...		94.30	22.4			23.0	29.8	16.2	33.1	22	13.0	29	54				11.0				0.8				0.0	0.0	—	0	0	1.1	1.5	0	0	0	0	1.5	14.5	6.5	7	6.40
September		95.83	20.4			21.2	27.4	15.0	31.5	22	11.2	30	60				10.7				1.6				Drops	Drops	29	0	0	1.3	3	0	1	1	1	0	7	15	2	4.74
October ...			18.4			18.6	24.9	12.3	29.4	29,30	8.2	26	56				8.8				1.6				2.5	2.5	22	1	1	1.0	2	2.5	1.5	1	0	1	4	12	7	4.44
November		—	18.3			(18.8)	(24.7)	13.0	(31.3	15)	5.5	24	40				6.3				2.0				14.5	10.0	29	3	3	0.7	1	0	4	3	0	1	4	1	15	6.21
December			9.7			(11.6	16.6)	6.5	(22.8	20)	-3.0	27	68				6.1				4.8				17.3	8.0	23	4	4	0.7	0	0	4	1	0	1	10	1	14	3.12
YEAR ...		—	16.1					11.0	—		—	—	56				7.6				2.6				242.7	—	—	42	41	1.2	13	5	30	29	4	18	109	76	80	5.12

GOVERNMENT OF PALESTINE

Department of Agriculture and Forests

JERUSALEM

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT JERICHO FOR THE YEAR 1933

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

27413 500 Hks. G.C.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
1933																				
January ...			12.7	18.7	13.3	13.6	19.6	9.5	25.3	23	4.0	8	71	48	72	72	7.8	7.7	8.1	7.9
February			15.3	21.6	15.8	16.1	22.7	11.6	27.8	18	7.0	9	70	44	68	69	9.1	8.5	9.2	8.9
March ...			17.4	24.2	17.4	17.8	25.4	12.1	30.5	10	6.0	5	56	32	55	56	8.2	7.1	8.1	7.8
April			19.6	26.4	19.6	19.7	27.6	13.3	37.5	23	9.2	16	55	33	50	52	9.3	8.2	8.5	8.7
May			26.0	33.1	25.6	25.9	34.3	19.0	39.8	1	14.5	9	41	22	37	39	10.0	8.4	8.9	9.1
June			28.8	36.1	29.1	28.8	37.6	21.1	47.0	9	16.5	1	40	20	33	36	11.7	9.0	9.8	10.2
July			29.4	35.9	30.2	29.4	37.4	22.1	41.0	7	20.0	2,3,5	47	25	36	42	14.2	10.9	11.3	12.1
August ...			29.5	36.6	30.3	29.8	37.8	22.9	41.1	14	21.0	Several Dates	55	34	44	50	16.9	15.6	14.0	15.5
September			27.5	34.2	27.5	27.6	35.2	21.2	39.0	22	17.8	30	55	33	50	52	15.0	13.1	13.6	13.9
October ...			24.7	31.4	24.8	24.8	32.5	18.4	38.5	31	14.0	26,27	52	32	50	51	12.0	11.1	11.7	11.6
November			21.6	29.3	19.6	21.4	30.3	14.9	35.6	1	8.9	24	54	32	56	54	9.7	9.9	9.5	9.7
December			15.1	21.2	15.5	15.6	22.1	10.8	28.5	18	2.2	27	63	45	59	61	8.1	8.4	7.7	8.1
YEAR ...			22.3	29.1	22.4	22.5	30.2	16.4	—		—		55	33	51	53	11.0	9.8	10.0	10.3

Month	Cloud Amount (0—10) 8 h.	14 h.	20 h.	Mean	Rainfall (mm.) Total mm.	Maximum 1 day Amount	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	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
1933																				
January ...	4.2	4.9	3.9	4.3	22.5	6.5	27	9	7	1.6	16.5	11.5	3.5	3.5	10.5	10.5	12.5	14.5	10	3.35
February	4.5	4.6	2.8	4.0	19.0	7.0	5	5	5	1.3	15.5	13.5	3	2.5	8.5	9	8.5	7.5	16	4.02
March ...	3.9	3.5	2.9	3.4	10.0	3.5	11	7	4	1.9	17	12.5	5.5	3	6	6	12.5	21.5	9	6.90
April	2.5	3.2	1.6	2.4	8.0	5.5	2	4	3	2.1	18.5	16.5	6	7	9.5	4	7.5	15	6	7.41
May	1.5	1.9	0.8	1.4	Drops	Drops	27	0	0	2.0	18	22.5	4	8.5	14.5	4	9	7.5	5	10.25
June	0.3	0.4	0.3	0.3	0.0	0.0	—	0	0	2.0	15	10	3	18	12	4	7.5	10.5	10	11.71
July	0.4	0.0	0.0	0.1	0.0	0.0	—	0	0	2.1	10.5	17.5	1.5	17.5	13.5	8	2.5	15	7	10.54
August ...	0.5	0.1	0.0	0.2	0.0	0.0	—	0	0	2.3	11.5	22	3	18.5	10	5.5	2	11.5	9	8.81
September	1.4	0.7	0.1	0.7	Drops	Drops	29	0	0	1.6	12	17.5	10.5	9.5	10	5.5	3	12	10	7.34
October ...	0.7	1.5	0.4	0.9	Drops	Drops	14	0	0	1.5	19	20	10.5	12	10	2	1.5	9	9	6.41
November	2.3	2.6	1.4	2.1	3.5	2.5	30	2	2	1.2	13	5	2	11	8.5	12	8	16.5	14	6.14
December	4.5	4.5	2.7	4.2	3.5	2.0	24	3	2	1.8	19.5	15.5	1.5	6.5	6	5	15	17	7	4.17
YEAR ...	2.2	2.3	1.5	2.0	66.5	—	—	30	23	1.8	186	184	54	117.5	119	75.5	89.5	157.5	112	7.25

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT TEL-AVIV FOR THE YEAR 1933

GOVERNMENT OF PALESTINE

Department of Agriculture and Forests

27113 500 Bks —G.C.P.

φ = 32° 4′ N. λ = 34° 46′ East of Greenwich. H = 34 metres h_t = 1.8 metres h_r = 1.2 metres C_h = + mm.= m.b.

JERUSALEM

Month	Mean Pressure (m.b.)	Mean Pressure Standard (mm.) Mean	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 Amount	Date	Days with ≥ 0·1 mm.	≥ 1·0 mm.	Wind Force Mean of day Scale 0—12	Direction N	NE	E	SE	S	SW	W	NW	Calm	Evaporation mm. per day Piche
1933																																								
January ...	[illegible]	769.53	9.7	16.3	12.4	12.7	16.9	8.6	23.5	23	4.4	7	72	56	68	65	—	—	—	—	4.5	3.6	3.3	3.8	57.2	18.6	25	14	8	1.5	2	5	13	20	18	5	12	14	4	—
February	[illegible]	66.53	11.0	18.1	14.6	14.6	18.8	9.7	28.0	18	7.2	9,10	74	54	69	66	—	—	—	—	5.0	4.0	3.3	4.1	41.7	17.0	7	6	5	1.6	4	7	6	22	9	7	8	16	5	—
March ...	[illegible]	66.35	13.0	19.3	15.3	15.7	20.2	10.7	28.3	1	5.2	5	65	46	66	59	—	—	—	—	4.5	2.9	3.5	3.6	24.5	9.5	20	10	8	1.9	1	6	13	15	3	8	13	27	7	—
April	[illegible]	66.17	14.5	19.6	16.4	16.7	20.4	11.8	24.6	20	8.6	18	77	53	68	66	—	—	—	—	4.0	3.1	2.2	3.1	44.5	25.6	2	6	4	1.8	4	5	8	6	5	9	12	29	12	3.21
May	[illegible]	63.89	19.9	23.3	20.0	20.8	24.5	16.6	32.8	15	13.0	5,6	70	62	74	69	—	—		—	3.3	1.8	1.8	2.3	0.4	0.2	27,29	2	0	1.5	11	8	1	9	6	3	13	26	16	3.42
June	[illegible]	61.67	23.5	26.7	23.0	24.0	28.1	19.4	37.6	13	16.0	7	69	65	78	71	14.7	16.8	16.4	16.0	1.9	1.2	1.3	1.5	0.0	0.0	—	0	0	1.4	6	5	1	14	13	6	16	15	14	3.64
July	[illegible]	60.56	24.5	27.9	24.5	25.4	28.9	20.9	30.3	26	18.5	6,17	79	70	83	77	18.0	19.6	18.9	18.8	2.9	0.5	1.9	1.8	0.0	0.0	—	0	0	1.4	4	2	3	1	23	6	20	16	18	3.06
August ...	[illegible]	60.31	24.1	28.9	25.3	25.9	29.6	21.6	30.2	Several Dates	19.6	29	83	70	84	79	18.5	20.7	20.2	19.8	2.6	1.9	3.0	2.5	0.0	0.0	—	0	0	1.5	2	0	1	15	21	1	15	22	16	2.79
September	[illegible]	62.91	21.6	27.7	23.7	24.2	27.9	20.0	29.2	6,12	17.6	30	82	69	81	77	15.7	18.9	17.5	17.4	2.7	1.0	2.8	2.2	9.2	7.7	28	2	2	1.7	7	4	4	10	9	8	11	24	13	2.95
October ...	[illegible]	66.69	18.2	25.6	21.1	21.5	26.2	17.0	33.5	28	13.0	27	83	70	79	77	12.9	16.9	14.7	14.8	1.6	1.5	1.4	1.5	3.0	1.0	25	4	1	1.8	14	6	5	14	16	1	8	17	12	2.85
November	[illegible]	67.99	16.1	24.2	19.3	19.7	24.6	14.2	32.3	17	8.3	24	73	66	76	72	9.9	14.8	12.7	12.5	4.5	3.3	2.3	3.4	7.6	6.7	30	2	1	1.6	9	13	2	23	6	4	9	18	6	2.89
December	[illegible]	69.35	11.8	19.0	14.4	14.9	19.2	10.6	24.0	19	3.8	27	78	64	77	73	8.1	10.5	9.4	9.3	4.5	4.3	4.2	4.3	48.4	20.8	24	7	4	1.7	6	9	10	24	18	8	6	10	2	2.32
YEAR ...	[illegible]	765.16	17.3	23.0	19.2	19.7	23.8	15.1	—		—		75	62	75	71	—	—	—	—	3.5	2.4	2.6	2.8	236.5	—	—	53	33	1.6	70	70	67	173	147	66	143	234	125	—

GOVERNMENT OF PALESTINE

Department of Agriculture and Forests

JERUSALEM

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT JENIN FOR THE YEAR 1933

27113—500 14x8. G.C.P.

$\varphi = 32^{\circ}\ 27'$ N. $\lambda = 35^{\circ}\ 18'$ 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
1933																				
January ...			9.2	14.4	8.3	9.5	15.7	6.0	19.2	23	2.4	8								
February			12.4	18.7	11.1	12.8	19.9	8.8	25.2	28	5.0	10								
March ..			13.6	19.4	11.4	13.3	20.7	8.7	27.8	28	3.5	6								
April			16.3	22.3	12.6	15.3	23.7	10.0	34.4	24	6.2	18								
May			22.4	30.5	19.0	21.9	31.9	15.6	36.4	2	12.8	6								
June			25.6	33.4	22.7	25.0	34.7	18.4	43.1	9	14.2	3								
July			25.6	(31.7)	22.8	(25.0)	(33.4)	19.7	(35.4	31)	17.9	10								
August ...			26.8	33.9	25.1	26.6	35.0	20.8	38.2	31	18.5	28								
September			25.1	32.6	24.2	25.3	33.9	19.2	36.1	7	16.6	18								
October ...			21.4	30.0	19.7	21.9	31.3	16.4	34.5	31	12.0	27								
November			18.8	30.4	17.4	20.2	31.7	14.4	35.6	4,16	7.6	24								
December			11.9	(19.6)	10.7	(12.7	20.9)	8.5	(26.9	21)	1.7	28								
YEAR ...			19.1	26.4	17.1	19.1	27.7	13.9		—	—									

Month	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.	≧ 1·0 mm. of rain	Wind Force Mean of day Scale 0—12	Direction N	NE	E	SE	S	SW	W	NW	Calm	Evaporation mm. per day Piche
1933																				
January ...	3.1	3.8	3.9	3.6	72.2	17.1	23	13	13	3.4	4.5	8	14	10.5	9	25	19	3	0	3.62
February	2.8	3.1	2.5	2.8	52.8	18.0	12	7	7	3.0	0	6.5	0.5	5	2.5	26	30	4.5	0	3.02
March ..	3.7	3.0	2.9	3.2	30.0	11.7	11	9	6	3.4	0	1.5	4	2.5	1	38	41.5	4.5	0	4.94
April	2.7	2.0	1.8	2.2	31.7	10.3	4	6	6	3.1	5	2	0	0	0	35	40	8	0	6.23
May	1.3	0.0	0.0	0.4	0.0	0.0	--	0	0	2.7	1	1	1	1	2.5	37	42	7.5	0	9.45
June	0.4	0.0	0.0	0.1	0.0	0.0	—	0	0	3.3	0	0	1	1.5	12.5	41.5	31.5	2	0	10.73
July	0.7	0.0	0.0	0.2	0.0	0.0	—	0	0	2.8	0.5	0.5	0	0	0.5	39	45.5	7	0	9.79
August ...	1.4	0.1	0.0	0.5	0.0	0.0	--	0	0	3.2	0	0	0	0	1.5	43.5	45	3	0	8.69
September	1.4	0.1	0.0	0.5	0.0	0.0	—	0	0	2.7	0	0	0	0	0	45	45	0	0	8.00
October ...	1.0	0.6	0.5	0.7	16.6	16.6	23	1	1	2.5	2	0	0	0	0	27	44.5	19.5	0	6.75
November	1.6	1.3	1.2	1.4	5.7	3.6	29	2	2	2.4	3.5	0	9.5	12	6	19	26	14	0	8.07
December	4.1	4.4	3.8	4.1	52.0	22.9	24	8	8	3.1	4	6	12	9.5	17	26.5	43.5	4.5	0	4.33
YEAR ...	2.0	1.5	1.4	1.6	261.0	—	—	46	43	3.0	20.5	25.5	51	42	52.5	402.5	423.5	77.5	0	6.97

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT HAIFA FOR THE YEAR 1933

GOVERNMENT OF PALESTINE
Department of Agriculture and Forests

$\varphi = 32° 48'$ N. $\lambda = 34° 59'$ East of Greenwich. H = 15.8 metres h_t = 1.5 metres h_r = 1.3 metres C_h = + 1.4 mm.= JERUSALEM

27113—500 Bks—G.G.P.

Month	Mean Pressure (m.b.)	Mean Pressure Standard (mm.) 8 h	Air Temperature (Centigrade) 8 h.	14 h.	20 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date
1933												
January ...		762.45	13.4	16.9		12.9	17.8	8.0	23.1	23	3.5	8
February		58.90	15.0	(18.6)		(15.0	19.6)	10.3	(24.0	18)	7.2	7
March ...		59.20	17.3	19.2		15.4	20.1	10.7	23.4	29	5.5	5
April		58.73	18.9	21.3		17.2	22.4	12.1	30.1	20	7.8	18
May		57.54	23.4	26.2		21.6	27.3	16.0	34.9	10	12.2	6
June		55.83	26.8	28.5		24.6	29.9	19.3	37.7	13	15.4	1,7
July		54.65	28.3	29.8		26.3	30.7	21.9	32.3	20,24	19.6	5
August ...		54.56	29.5	31.4		27.7	32.3	23.1	34.0	31	21.5	29
September		56.58	28.0	30.0		26.0	30.9	21.2	32.7	11	18.6	16
October ...		60.17	25.6	27.8		23.5	29.1	17.9	34.2	31	14.1	26
November		61.05	23.2	27.5		22.8	29.2	16.5	36.0	15	10.6	23
December		64.12	15.7	19.5		15.6	20.7	10.5	26.2	19	3.4	27
YEAR ...		758.38	22.4	24.7		20.7	25.8	15.6	—	—		—

Month	Relative Humidity (%) 8 h.	14 h.	20 h.	Mean	Vapour Pressure (mm.) 8 h.	14 h.	20 h.	Mean
1933								
January ...	67	57			7.5	8.1		
February	66	(59)			8.4	(9.4)		
March ...	55	57			8.0	9.4		
April	56	56			9.1	10.6		
May	61	59			13.0	14.8		
June	63	68			16.3	19.6		
July	75	75			21.3	23.5		
August ...	72	73			22.2	24.9		
September	61	61			17.1	19.3		
October ...	63	66			15.3	18.1		
November	64	60			13.4	16.3		
December	64	(55)			8.6	(9.3)		
YEAR ...	64	62			13.4	15.3		

Month	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
1933									
January ...	3.5	3.6			86.5	13.4	4	13	13
February	3.8	2.7			24.6	15.7	4	6	4
March ...	4.8	4.4			35.3	15.8	11	5	4
April	3.3	3.1			24.0	10.5	26	6	4
May	2.1	1.8			0.0	0.0	—	0	0
June	0.4	0.3			0.0	0.0	—	0	0
July	1.4	0.8			0.0	0.0	—	0	0
August ...	1.2	0.6			0.0	0.0	—	0	0
September	1.8	2.0			4.3	3.1	29	2	2
October ...	1.5	1.7			9.8	7.1	23	2	2
November	2.7	1.7			9.6	5.3	29	3	3
December	3.7	4.2			67.3	47.8	23	6	6
YEAR ...	2.5	2.2			261.4	—	—	43	38

Month	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
1933											
January ...	1.6	5	1	2	17	8	17.5	1.5	5	5	3.60
February	2.0	6	4	2.5	15	8.5	7	2.5	10.5	0	3.87
March ...	1.8	1.5	3	3	12.5	7	14.5	2	14.5	4	4.71
April	1.4	6	2	3.5	6.5	3.5	13.5	4.5	15.5	5	5.67
May	1.0	0.5	7	2.5	3	2	7.5	11	23.5	5	6.27
June	1.5	1	1.5	2.5	3	0.5	13.5	18	15	5	7.72
July	1.3	0.5	1	0.5	2	3	14.5	20.5	16	4	6.73
August ...	1.0	2	2.5	2	2	4.5	11	16.5	15.5	6	6.67
September	1.5	4.5	7.5	7	0.5	1.5	12	14	13	0	5.74
October ...	1.3	7.5	1	4	5	6.5	11	10	16	1	5.10
November	1.7	1	1.5	3	7	13	17	10	7.5	0	5.50
December	1.9	2.5	1.5	0	17	19	13	7	2	0	4.38
YEAR ...	1.5	38	33.5	32.5	90.5	77	152	117.5	154	35	5.50

GOVERNMENT OF PALESTINE

Department of Agriculture and Forests

JERUSALEM

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT ACRE FOR THE YEAR 1933

$\varphi = 32^{\circ}\ 55'$ N. $\lambda = 35^{\circ}\ 4'$ East of Greenwich. H = 18.7 metres.

27113 500 Bks. G.C.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
1933																				
January ...			11.6	16.6	12.0	12.0	17.8	8.0	22.8	23	1.6	8	69	53	62	66	7.0	7.4	6.4	6.9
February			13.9	18.6	14.2	13.9	19.5	8.9	26.4	18	4.6	4	70	51	63	66	8.3	8.2	7.6	8.0
March ...			15.6	18.9	15.1	14.6	20.5	9.0	27.2	1	2.4	16	60	54	59	60	7.9	8.8	7.6	8.1
April			17.6	19.5	15.4	15.5	21.1	9.5	31.0	24	4.3	17	61	56	69	65	9.0	9.5	9.0	9.2
May			22.3	24.7	19.4	20.0	25.8	13.8	36.1	10	8.0	1	55	49	71	63	11.1	11.3	11.9	11.4
June			25.9	27.0	22.3	23.2	28.5	17.5	42.0	9	12.6	7	52	54	72	62	12.8	14.3	14.3	13.8
July			26.7	28.1	24.4	24.8	28.9	20.2	30.0	7	16.9	17	63	59	74	68	16.2	16.6	16.7	16.5
August ...			27.5	29.3	25.5	25.6	29.9	20.2	31.1	1	17.5	19,27	65	61	73	69	17.7	18.5	17.7	18.0
September			26.3	27.9	(23.8)	(24.2)	28.5	(18.7)	29.8	11	(17.0	25)	59	58	(67	63)	15.1	16.2	(14.7	15.3)
October ...			24.1	26.1	21.7	21.6	27.2	14.6	34.3	31	10.2	26	58	53	70	64	12.9	13.1	13.4	13.1
November			22.4	26.0	19.3	20.5	28.6	14.2	35.5	15	7.0	23	39	41	55	47	7.8	10.2	9.2	9.1
December			14.5	18.9	14.2	14.1	20.2		24.2	20			54	53	59	56	6.7	8.7	7.1	7.5
YEAR ...			20.7	23.5	18.9	19.2	24.7			—			59	54	66	62	11.0	11.9	11.3	11.4

Month	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.	≧ 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
1933																				
January ...	3.0	2.9	1.9	2.6	74.6	14.0	5	10	10	2.3	5	3	6	24	16	17.5	6	10.5	5	5.24
February	2.8	1.8	1.8	2.1	19.3	12.8	4	5	5	2.3	7.5	1	3	26.5	9	15	5	15	2	4.92
March ...	4.0	3.4	3.0	3.5	36.6	16.0	11	5	5	2.7	5	0	2.5	16.5	5	22	13	24	5	5.38
April	3.3	2.8	3.1	3.1	26.5	18.0	26	3	3	2.2	7	3.5	0	4.5	8	25	22.5	13.5	6	5.13
May	3.0	2.2	2.9	2.7	2.5	2.5	29	1	1	2.1	16	1	1.5	3.5	9	24.5	20	14.5	3	5.95
June	2.4	2.1	2.5	2.3	0.0	0.0	—	0	0	2.0	5	0	1.5	6.5	12.5	28	20	6.5	7	5.85
July	3.8	2.6	4.6	3.7	0.0	0.0	—	0	0	1.7	1.5	0	0	0	5.5	35	35.5	2.5	13	5.46
August ...	3.8	2.8	4.1	3.6	0.0	0.0	—	0	0	2.0	3.5	0	0	0	4.5	29	41.5	11.5	3	5.43
September	2.4	2.2	3.5	2.7	11.0	6.0	29	2	2	1.7	12	4	0.5	0.5	4	18.5	25.5	16	9	5.92
October ...	2.2	1.6	1.8	1.9	24.0	21.0	23	2	2	1.9	21	4.5	1.5	5	10	12	17.5	5.5	16	6.39
November	3.0	2.6	2.3	2.6	7.0	7.0	29	1	1	2.2	11	3.5	4	18.5	16	11	10	13	3	8.65
December	5.1	4.4	4.8	4.8	36.5	28.0	23	5	5	2.9	8	6.5	11	25.5	23	8	7.5	3.5	0	8.14
YEAR ...	3.2	2.6	3.0	3.0	238.0	—	—	34	34	2.2	102.5	27	31.5	131	122.5	245.5	224	136	72	6.04

27113—500 Pks.—G.C.P.

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT BEERSHEBA FOR THE YEAR 1933

GOVERNMENT OF PALESTINE
Department of Agriculture and Forests
JERUSALEM

$\varphi = 31^{\circ}\ 14'$ N. $\lambda = 34^{\circ}\ 48'$ 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	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
1933																																								
January ...			10.1			11.2	16.9	5.6	25.2	23	0.3	8	78				7.1				5.6				47.8	13.7	26	7	7	(3.3)	0	0	10.5	14.5	2	0	0	0	3	3.93
February			11.2			13.0	19.1	7.0	26.1	18,22	3.5	9	79				7.8				4.2				53.7	14.5	4	5	5	3.2	0	0	3	6.5	3.5	1	11	0	3	(3.67)
March ...			13.5			14.8	22.1	7.4	30.9	1	2.5	6,16	68				7.8				4.2				39.4	15.5	11	5	5	2.8	0	0	5	8.5	0.5	0	5	0	9	6.40
April			16.4			–	(24.0)	–	(35.9	30)		–	60				8.3				1.8				8.7	3.8	7	3	3	2.7	0	0	1.5	7	3.5	1	9	0	8	7.06
May			22.7			–	–		—	—	—	—	47				9.6				2.2				0.0	0.0	—	0	0	(1.1)	0	0	1	9.5	3.5	0	4	0	13	10.44
June			(26.4)			(25.4	35.5)	15.2	(46.0	13)	9.9	18	(46				11.6)				0.7				0.0	0.0	—	0	0	1.3	0	0	0	6	0	0	14	0	10	13.12
July			25.5			24.5	33.5	15.5	37.9	1	12.0	3,14	59				14.2				2.4				0.0	0.0	—	0	0	1.8	0	0	2	1	1	0	17	0	10	10.51
August ...			25.3			24.8	32.7	17.0	35.5	13	12.5	29	67				16.0				3.3				0.0	0.0	—	0	0	1.8	0	0	0	0	0	0	26	0	11	8.54
September			22.7			22.5	31.4	13.6	34.2	30	10.0	illegible	67				13.8				2.4				0.0	0.0	—	0	0	0.9	0	0	0	1	0	0	10	0	19	7.62
October ...			21.2			20.4	28.4	12.5	35.2	31	7.0	27	65				12.2				1.4				0.0	0.0	—	0	0	1.4	0	0	6	1	2	1	11	0	10	7.15
November			19.3			21.2	30.7	11.7	35.6	15	5.0	24	56				9.4				2.2				30.0	30.0	28	1	1	2.9	0	0	5.5	11	1.5	1	7	0	4	9.10
December			12.0			(15.0	22.4)	7.7	(27.8	29)	1.5	27,30	74				7.7				4.5				29.0	21.0	23	2	2	2.9	0	0	4.5	8.5	5	1	5	0	5	5.47
YEAR ...			18.9			—	—					—	64				10.5				2.9				208.6	—	—	23	23	2.2	0	0	39	74.5	22.5	5	113	0	105	7.75

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT GAZA FOR THE YEAR 1933

GOVERNMENT OF PALESTINE

Department of Agriculture and Forests

JERUSALEM

27413 500 Bks. G.C.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 (mm.) 8 h.	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
1933																																								
January ...		761.10	10.6			12.8	18.0	7.6	26.1	23	3.9	11	81				7.7				4.5				70.8	14.2	4	14	12	0.3	0	0	0	3.5	1.5	1	2	0	23	4.23
February		58.34	13.3			14.4	19.7	9.1	28.4	18	5.4	10	78				8.9				3.3				52.7	14.1	7	8	7	0.4	1	0	0	3.5	1.5	0.5	1.5	1	19	4.66
March ...		58.38	15.5			15.2	20.9	9.5	32.8	1	4.9	5,27	68				9.0				3.8				15.7	9.4	11	5	5	0.5	0	2	1	1	1	2	4.5	1.5	18	5.90
April		58.39	16.8			16.2	21.7	10.8	31.8	24	7.2	17	70				10.0				2.3				30.2	8.2	1	7	7	0.5	0	0	0	0.5	3.5	4	4	1	17	6.47
May		56.26	22.3			20.8	27.5	14.0	38.3	15	10.6	5.7	63				12.4				1.9				0.0	0.0	—	0	0	0.4	2.5	0	0	1	1	1	3.5	2	20	6.59
June		54.02	26.0			24.0	30.9	17.2	44.2	9	13.0	7	57				14.2				1.2				0.0	0.0	-	0	0	0.5	0.5	1	0	1	1	3.5	3	1	19	8.03
July		52.78	25.7			24.3	29.5	19.1	33.4	16	16.4	3,16	73				17.7				2.5				0.0	0.0	—	0	0	0.4	0	0	0.5	1.5	3	2	2	2	20	7.72
August ...		52.98	26.1			25.0	30.2	19.8	34.4	12	17.6	29	77				19.3				3.1				0.0	0.0	—	0	0	0.3	1	0.5	0	0	1.5	1.5	3	1.5	22	7.06
September		55.28	24.6			23.4	28.8	17.9	32.8	1	15.8	20	74				17.0				2.9				Drops	Drops	12	0	0	0.5	0	0	0	4	4.5	1.5	3	0	17	6.68
October ...		58.95	21.5			20.7	26.6	14.8	29.6	30	10.6	27	71				13.5				2.1				0.0	0.0	—	0	0	0.3	1	1	0	1.5	2.5	2	0	0	23	6.51
November		59.91	18.5			19.6	26.0	13.2	30.3	15	7.7	24	63				10.1				3.5				39.1	29.2	29	4	4	0.2	0	0	1.5	1	2	2.5	0	0	23	6.07
December		60.30	13.8			15.6	21.6	9.7	28.4	20	2.3	28	72				8.5				3.5				84.4	51.1	24	4	4	0.3	0	0	1.5	3.5	3	1	1	0	21	5.05
YEAR ...		757.22	19.6			19.3	25.1	13.6					71				12.4				2.9				292.9	—	—	42	39	0.4	6	4.5	4.5	22	26	22.5	27.5	10	242	6.25

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT BEISAN FOR THE YEAR 1933

GOVERNMENT OF PALESTINE
Department of Agriculture and Forests
JERUSALEM

27113 500 Bks.—G.G.P.

φ = 32° 30′ N. λ = 35° 30′ East of Greenwich. H = — 118 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
1933																				
January ..			10.9	18.6		13.6	20.0	7.1	25.0	20,22	1.5	8	69	54			6.6	8.6		
February			13.5	21.4		15.6	22.5	8.7	30.5	18	2.8	4	73	51			8.4	9.7		
March ...			15.7	23.0		16.3	24.2	8.4	31.3	10	2.0	16	59	39			7.8	8.1		
April			18.3	25.1		18.0	26.2	9.7	39.2	23	4.6	15	59	35			9.1	8.3		
May			24.7	31.5		24.2	32.6	15.8	39.0	15	12.0	9,19	47	28			10.6	9.7		
June			27.6	35.0		27.0	36.1	17.8	45.0	9	12.5	1	44	23			12.4	9.5		
July			28.8	34.8		28.2	36.0	20.3	39.0	7	17.5	5,6	57	35			16.8	14.2		
August ...			28.9	35.1		28.8	36.5	21.1	39.8	13	17.9	29	61	40			18.0	16.3		
September			27.3	33.1		26.6	34.7	18.6	38.5	22,23	15.5	30	61	40			16.4	15.0		
October ...			24.6	31.2		24.0	32.8	15.2	39.0	30,31	10.4	26	55	36			12.6	12.2		
November			20.7	30.4		22.0	31.7	12.3	37.5	1	5.9	23	51	36			9.2	11.5		
December			12.9	20.2		15.1	21.7	8.5	26.0	14	0.6	27	66	48			7.3	8.6		
YEAR ...			21.2	28.3		21.6	29.6	13.6					58	39			11.3	11.0		

Month	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
1933																				
January ..	2.7	2.3			46.6	13.6	5	12	10	1.2	0.5	11.5	0	2	5.5	4.5	2.5	1.5	34	3.43
February	3.3	2.0			31.9	12.0	7	5	5	1.1	0	8	2.5	3	2.5	1	7.5	2.5	29	3.44
March ...	2.5	1.5			11.1	3.0	11,21	5	4	1.3	1.5	7.5	1	2.5	3.5	5.5	16	3.5	21	5.51
April	1.9	1.8			11.6	8.5	3	3	2	1.4	0	7	0.5	3.5	4	2.5	16	8.5	18	6.24
May	0.9	0.3			Drops	Drops	7,29,30	0	0	1.3	0	5	0	3	1	1.5	26.5	8	17	9.53
June	0.4	0.3			0.0	0.0	—	0	0	1.0	0	3.5	2.5	0.5	3.5	1	25.5	4.5	19	10.92
July	0.8	0.0			0.0	0.0	—	0	0	0.7	0	1	3.5	1	1.5	2.5	28	6.5	18	9.88
August ...	1.3	0.0			0.0	0.0	—	0	0	0.6	0	2.5	3.5	2.5	0.5	0.5	32	5.5	15	9.05
September	1.2	0.6			Drops	Drops	27,29	0	0	0.6	0	1.5	1.5	1	1	1	22.5	12.5	19	8.09
October ...	0.7	1.3			0.5	0.5	23	1	0	0.6	0	6	2.5	4.5	1	2	10.5	5.5	30	6.72
November	1.0	1.2			1.5	1.5	29	1	1	0.5	0.5	2.5	3	1	0.5	0	6.5	4	42	6.01
December	3.9	3.5			37.3	19.0	3	5	5	1.1	2.5	5	1.5	5	3	4	2.5	1.5	37	3.82
YEAR ...	1.7	1.2			140.5	—	—	32	27	2.4	5	61	22	29.5	27.5	26	196	64	299	6.86

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT BEIT GAMAL FOR THE YEAR 1933

GOVERNMENT OF PALESTINE

Department of Agriculture and Forests

JERUSALEM

27613—500 (ks). G.C.P.

$\varphi = 31^{\circ}\ 43'$ N. $\lambda = 34^{\circ}\ 59'$ 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
1933																				
January			(10.0)	14.8	10.8	(11.0)	16.0	(8.2)	26.2	23	(3.8	7)	(80)	60	76	(78)	(7.3)	7.5	7.4	(7.4)
February			12.1	17.3	12.1	12.8	18.4	9.8	26.2	18	6.5	6,7	74	55	75	74	7.8	8.2	7.9	8.0
March			(13.1)	19.0	11.9	(13.4)	20.7	(9.4)	31.4	1	(5.3	5)	(71)	49	80	(76)	(7.9)	8.1	8.3	(8.1)
April			15.6	20.2	13.3	14.8	21.8	10.3	33.4	30	7.0	15,16	64	52	81	72	8.5	9.1	9.2	8.9
May			21.8	27.5	19.0	21.0	29.4	15.7	38.2	10	11.6	9	51	37	64	58	10.0	10.0	10.5	10.2
June			(25.2)	30.6	22.2	(23.9)	32.3	17.7	44.9	13	13.5	4	(48)	38	64	(56)	(11.4)	12.4	12.6	(12.1)
July			24.4	30.0	22.7	24.0	31.4	18.8	35.0	7	16.2	3	66	51	77	72	14.9	16.0	15.7	15.5
August			24.7	30.3	23.1	24.4	31.8	19.3	34.3	13	17.8	3,29	73	57	84	78	16.9	18.3	17.6	17.6
September			23.3	28.2	21.0	22.6	29.8	18.1	33.7	23	16.0	29	74	61	89	82	15.7	17.3	16.4	16.5
October			21.8	26.4	19.6	21.2	27.9	16.8	34.2	31	13.3	26	61	27	74	68	11.8	12.0	12.5	12.1
November			22.4	27.2	19.8	21.8	29.2	17.8	36.8	15	10.5	23	40	40	58	49	7.9	10.7	10.1	9.6
December			13.9	18.3	14.0	14.3	19.4	11.1	26.8	20	3.5	28	55	47	64	60	6.4	7.3	7.6	7.1
Year			19.0	24.2	17.5	18.8	25.7	14.4					63	48	74	69	10.5	11.4	11.3	11.1

Month	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.	≥ 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
1933																				
January	6.1	5.4	4.8	5.4	98.0	23.8	6	12	12	2.1	7	3	15	0	7	31	3	2	25	3.38
February	5.2	5.1	2.3	4.2	56.4	15.2	6,8	7	7	1.4	11	3	2	1	6	21	5	3	32	3.63
March	5.2	4.6	2.3	4.0	45.3	27.0	12	7	7	1.9	14	0	7	1	6	26	6	6	27	4.84
April	4.2	4.3	2.4	3.6	38.8	21.1	3	7	7	1.3	13	0	1	0	5	23	10	4	34	4.32
May	3.6	3.7	1.2	2.8	1.3	1.3	30	1	1	1.2	20	0	7	1	8	24	1	1	31	6.93
June	1.0	0.8	1.1	1.0	0.0	0.0	—	0	0	1.1	3	1	1	1	13	18	5	3	45	9.12
July	2.3	0.3	0.3	1.0	0.0	0.0	—	0	0	0.9	10	0	2	0	1	23	2	3	52	6.49
August	2.9	1.0	0.1	1.3	0.0	0.0	—	0	0	0.5	5	5	1	1	1	11	0	3	66	5.11
September	3.5	1.8	1.5	2.3	0.2	0.2	29	1	0	0.8	11	3	0	0	0	20	3	3	50	4.67
October	2.3	3.5	0.4	2.1	0.4	0.4	22	1	0	1.2	10	13	5	1	2	9	5	6	42	5.34
November	3.8	3.6	1.4	2.9	18.1	11.2	29	2	2	1.4	1	3	21	5	4	14	6	1	35	8.66
December	5.4	5.4	4.2	5.0	34.5	22.3	24	3	2	1.8	6	2	7	2	8	33	0	6	29	5.85
Year	3.8	3.3	1.8	3.0	203.0	—	—	41	38	1.3	111	33	69	13	61	253	46	41	408	5.70