GOVERNMENT OF PALESTINE.

DEPARTMENT OF AGRICULTURE AND FORESTS,

JERUSALEM.

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METEOROLOGICAL SUMMARIES

1931.

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September 14, 1999

GOVERNMENT OF PALESTINE.

Department of Agriculture & Forests.

Summary of Meteorological Observations at Jerusalem for the year 1931.

$\varphi = 31° 47'$ N. $\lambda = 35° 13'$ East of Greenwich. H = 757.5 metres. $h_t = 1.5$ metres. $h_r = 1.0$ metres. $C_h = +65.0$ mm. JERUSALEM

21627 500 lbs 13.12.32 G.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	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.
1931		8h																																						
January		697.40	7.7			9.7	14.4	5.0	19.3	17	1.6	23	71				5.6				4.0				153.5	72.0	19	9	9	0.9	—	1	1	—	7	2.5	1.5	—	18	2.15
February		696.26	8.2			9.8	14.7	4.9	21.8	17	2.3	24	71				5.8				4.1				116.3	57.5	7	10	9	1.0	—	—	1	—	1	8.5	4.5	—	13	2.30
March		697.30	13.0			14.2	20.1	8.2	30.8	17	2.1	5,22	50				5.6				3.6				49.5	31.5	3	4	3	1.0	—	3	2	—	1	8.5	3.5		13	4.37
April		695.57	16.4			16.1	22.9	9.3	28.7	9	4.3	19	50				6.9				3.3				13.2	4.0	11	4	4	0.6	1	—	3.5	0.5		1	4.5	2.5	17	5.24
May		695.96	20.6			(19.9)	26.8	(13.0)	36.0	21	(7.5	1,2)	47				8.6				1.3				Drops	Drops	14	—	—	0.7		—	4	—	—	0.5	4.5	3	18	7.17
June		695.58	23.0			22.2	29.1	15.3	35.9	5	12.3	17	50				10.5				0.8				Drops	Drops	13	—	—	0.9	—	—	—	1	1	2.5	6.5	5	14	6.85
July		693.40	25.1			24.6	31.2	18.0	35.4	28,29	14.6	3,4	46				10.7				0.4				0.0	0.0	—	—	—	0.9	—			—	1	4.5	9	4.5	12	8.17
August		693.57	24.9			24.9	31.7	18.1	33.7	29	13.5	2	47				11.0				0.3				0.0	0.0	—		—	0.8	1	—	—	—	1	2	3.5	8.5	15	7.80
September		696.32	24.0			25.0	31.7	18.2	39.4	15	12.3	29	52				11.5				0.7				0.0	0.0	—	—	—	0.8	1	—	4	—	1		4	8	12	7.53
October		698.54	21.3			21.6	28.2	15.1	33.4	13	10.5	22	51				9.4				1.2				Drops	Drops	14	—	—	0.7	1	1	7.5	3.5	1		2	4	11	5.75
November		698.81	13.5			(14.5)	(19.7	9.3	27.3	1	5.8	5)	71				8.1				2.8				27.2	12.0	26	4	4	1.0		—	5	2		2.5	5.5	4	9	3.18
December		700.12	8.7			10.0	14.6	5.5	24.3	13	1.0	27	68				5.7				3.4				106.2	33.2	5	7	7	1.4	—	1	5.5	3.5	—	1.5	8.5	2	9	2.66
Year		696.57	17.2			(17.7)	23.8	(11.7)	—	—	—	—	56				8.3				2.2				465.9	—	—	38	36	0.9	4	6	33.5	10.5	14	34	57.5	41.5	161	5.26

GOVERNMENT OF PALESTINE.

Department of Agriculture & Forests.

JERUSALEM

Summary of Meteorological Observations at Jericho for the year 1931.

φ = 31 ° 51 ' N. λ = 35 ° 27 ' East of Greenwich. H = 250 metres. h_t = 1.5 metres.

21627 500 Bks 11.12.32 G.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	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.
1931																																								
January			13.5	19.2	14.1	14.3	20.5	10.4	25.6	13	7.0	23	73	53	75	74	8.4	8.7	8.9	8.7	3.8	3.4	2.6	3.3	37.5	14.5	19	9	8	1.6	7.5	13.5	3.5	3.5	9.5	8	13	22.5	12	3.34
February			14.7	20.9	15.4	15.3	21.9	10.3	26.5	22	7.5	24	68	42	65	66	8.4	7.7	8.5	8.2	3.4	4.0	1.9	3.1	20.0	12.2	7	6	4	1.6	11.5	15	5	4.5	6.5	7	7.5	18	9	4.55
March			18.4	25.5	19.0	18.8	26.7	12.5	35.0	17	7.0	6	51	29	52	52	8.0	7.0	8.5	7.8	2.2	2.9	1.8	2.3	1.5	1.0	1	2	1	1.7	16.5	21	3.5	8	7.5	3	9.5	12	12	7.28
April			21.4	28.2	21.6	21.6	29.5	15.4	36.2	20	11.2	1	51	29	45	48	9.5	8.3	8.7	8.8	3.5	3.8	1.9	3.1	4.5	3.0	11	3	2	2.0	21	16.5	3.5	11	7.5	2	9	12.5	7	8.09
May			26.1	34.0	26.8	26.4	35.2	18.9	45.5	23	15.0	7	44	25	37	40	11.0	9.8	9.5	10.1	1.5	2.4	1.0	1.6	0.0	0.0	—	—	—	1.9	23	27	2.5	12.5	15	0.5	4	3.5	5	11.13
June			29.1	35.9	29.6	29.2	37.3	22.4	41.5	6	19.6	17	47	28	38	42	14.2	12.4	11.7	12.8	0.8	1.1	0.0	0.6	0.0	0.0	—	—	—	1.8	17	21	2	15.5	8.5	4	9	8	5	10.70
July			31.3	38.4	32.3	31.6	39.7	24.6	43.5	28	22.1	7	48	26	36	42	16.1	13.3	13.0	14.1	0.3	0.2	0.0	0.2	0.0	0.0	—	—	—	1.8	17.5	18	4	12	18.5	3.5	8.5	6	5	12.04
August			31.1	38.3	32.4	31.6	39.6	24.5	42.0	28	22.5	3,20,24	50	27	39	44	16.8	13.5	14.0	14.8	0.3	0.4	0.0	0.2	0.0	0.0	—	—	—	1.7	9	24	5	22.5	16.5	1.5	5	6.5	3	11.43
September			30.3	37.5	31.0	30.7	38.7	24.1	47.0	18	18.8	30	50	31	43	46	16.0	14.6	14.3	15.0	0.7	1.0	0.2	0.6	0.0	0.0	—	—	—	1.6	28.5	16	6	10.5	11.5	0.5	3.5	4.5	9	10.16
October			25.9	33.3	25.4	26.1	34.4	19.8	39.5	13	16.6	22	50	31	51	50	12.3	11.6	12.3	12.1	0.8	1.2	0.4	0.8	4.0	4.0	2	1	1	1.5	29.5	14.5	4.5	5	9.5	2.5	5	14.5	8	8.15
November			20.1	25.8	20.1	20.2	27.1	14.8	32.7	1	8.5	29	53	37	53	53	9.3	9.0	9.3	9.2	2.3	3.5	1.9	2.6	3.5	2.0	27	2	2	1.8	27	14	5.5	4.5	8	7	8.5	11.5	4	6.16
December			13.4	20.4	13.9	14.3	21.4	9.6	26.0	1	3.0	28	63	37	60	62	7.2	6.7	7.2	7.0	3.7	4.1	2.7	3.5	8.0	2.5	16	6	5	1.6	25.5	8	1.5	4.5	5.5	4	14	23	7	4.70
Year			22.9	29.8	23.5	23.3	31.0	17.3	—	—	—	—	54	33	50	52	11.4	10.2	10.5	10.7	1.9	2.3	1.2	1.8	79.0	—	—	29	23	1.7	233.5	208.5	46.5	114	124	43.5	96.5	142.5	86	8.14

GOVERNMENT OF PALESTINE.

Department of Agriculture & Forests.

Summary of Meteorological Observations at Tel Aviv for the year 1931.

21627 500 Bks 13.12.32 G.P.

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

JERUSALEM

MONTH	MEAN PRESSURE (m.b.)	MEAN PRESSURE Standard (m.m.)	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	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 day. Piche.
1931.																																								
January	[illegible]	767.39	10.3	17.5	13.3	13.6	17.8	8.8	25.0	13	5.0	24	81	53	77	70					4.6	3.8	2.8	3.7	68.2	24.4	1	12	7	1.9	—	4	5	27	18	10	7	19	3	
February	[illegible]	66.04	10.1	17.8	13.7	13.8	18.6	8.2	25.5	22	5.0	1	81	52	74	69					4.6	4.0	3.0	3.9	88.9	49.6	7	12	9	1.8	1	3	10	19	10	8	16	12	5	
March	[illegible]	66.40	12.5	20.6	15.9	16.2	21.6	10.0	32.0	17	4.4	6	72	48	66	62					4.0	3.3	2.7	3.3	26.2	16.8	3	8	4	1.8	3	9	6	20	11	6	15	18	5	
April	[illegible]	63.77	15.8	21.3	17.2	17.9	22.9	12.6	32.0	9	8.0	1,2	76	60	77	71					4.5	4.1	2.5	3.7	7.5	3.2	26	5	3	1.6	5	5	15	12	5	9	15	13	11	
May	[illegible]	63.10	20.0	24.0	20.3	21.2	25.6	15.6	36.0	12	12.4	3,10	72	63	79	71					3.0	1.9	1.3	2.1	0.9	0.9	15	1	—	1.5	7	9	10	2	5	3	11	27	19	
June	[illegible]	61.16	24.4	27.3	23.8	24.8	28.6	19.7	32.0	28	17.0	18	75	64	81	73					2.4	0.7	2.2	1.8	Drops	Drops	7.8	—	—	1.6	3	1	12	8	6	2	22	17	19	
July	[illegible]	56.66	26.1	30.2	26.3	27.2	31.7	21.8	33.3	10	19.0	8	77	65	82	75					2.5	0.5	1.5	1.5	0.0	0.0	—	—	—	1.6	3	5	5	22	10	7	6	25	10	
August	[illegible]	56.69	25.3	31.2	26.8	27.5	32.3	21.9	34.2	11	19.8	8	76	60	79	72					2.0	0.5	1.4	1.3	0.0	0.0	—	—	—	1.6	3	6	3	24	13	—	4	28	12	
September	[illegible]	60.11	24.1	30.0	25.9	26.5	30.5	21.7	34.0	14	17.0	30	82	60	72	71					3.4	0.7	1.4	1.8	Drops	Drops	23,27	—	—	1.8	4	4	8	22	7	1	5	37	2	
October		64.92	19.1	26.6	22.6	22.7	27.0	17.6	29.0	13	14.5	22	83	59	77	73					2.3	1.0	1.0	1.4	1.6	0.8	21	4	—	1.5	2	9	7	28	2	5	11	23	6	
November	[illegible]	68.00	13.6	21.2	17.0	17.2	21.6	12.4	24.8	10,12	9.0	29,30	79	55	74	69					3.4	3.9	2.9	3.4	41.0	10.0	7	8	8	1.6	2	11	6	21	12	4	10	18	6	
December	[illegible]	70.87	(10.1)	17.7	13.1	(13.5)	18.1	9.3	24.8	11	3.2	28	(67)	47	65	(60)					4.2	4.3	2.5	3.7	35.5	8.0	5	9	7	1.6	3	6	17	21	10	2	13	10	11	
Year	[illegible]	63.76	(17.6)	23.8	19.7	(2[illegible]2)	24.7	15.0	[illegible]		—	[illegible]	(77)	57	75	(70)					3.4	2.4	2.1	2.6	269.8	—	—	59	38	1.7	36	72	104	226	109	57	135	247	109	

GOVERNMENT OF PALESTINE.

Department of Agriculture & Forests.

JERUSALEM

Summary of Meteorological Observations at Jenin for the year 1931.

$\varphi = 32° 27'$ N. $\lambda = 35° 18'$ East of Greenwich. H = 160 metres.

21627 500 Bks 13.12.32 G.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	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.
1931																																								
January			11.9	15.9	10.4	11.3	17.2	7.1	20.9	4	4.1	30									3.3	3.4	3.2	3.3	219.6	56.2	18	11	10	3.1	4	3	9	10	7	20.5	26.5	13		2.25
February			10.9	14.5	9.3	10.1	15.8	5.6	20.7	21	2.7	13									2.7	4.0	3.5	3.4	247.1	67.3	11	10	10	3.4	7	5.5	9	3.5	4	23.5	22.5	9	—	2.34
March			15.2	22.6	13.4	15.3	23.9	10.1	30.8	16	7.9	21									2.1	2.6	2.0	2.2	59.5	28.9	26	5	5	3.1	9	5.5	6	4	4.5	22.5	27	14.5		4.92
April			19.0	24.6	15.1	17.7	25.7	12.0	31.3	22	8.3	1									3.2	3.5	2.3	3.0	19.0	8.3	26	4	4	3.0	2.5	2.5	6.5	7	9	29	27	6.5		6.16
May			23.7	29.0	18.9	21.2	30.5	13.1	40.9	23	10.0	29									1.2	1.3	0.6	1.0	0.0	0.0	—	—	—	2.5	8.5	2	2	3	6	22.5	28	17		8.67
June			26.0	30.6	23.1	*24.6	32.6		39.8	28	—	—									1.2	0.2	0.2	0.5	0.0	0.0	—	—	—	2.6	1	—	—	—	11.5	34.5	37	6		9.98
July			28.8	31.1	26.7	*27.8	33.6		37.5	12											0.5	0.0	0.0	0.2	0.0	0.0	—	—	—	2.6	—	—	—	—	8	38.5	40.5	6		10.96
August			28.7	35.1	25.0	27.4	36.4	21.0	38.7	2	19.8	4,9									0.3	0.0	0.0	0.1	0.0	0.0	—			2.5	—	—	—	—	9	42	37.5	4.5		9.85
September			27.8	34.9	24.6	27.0	36.3	20.8	41.7	15	16.2	30									1.4	0.5	0.1	0.7	0.0	0.0				2.4	6.5	4	2.5	3.5	2.5	26.5	33.5	11	—	8.32
October			23.9	32.1	22.0	23.9	33.5	17.5	37.4	31	13.3	23									0.5	0.1	0.1	0.2	0.0	0.0	—		—	2.3	8.5	7.5	11	9	3.5	18	23.5	12		7.46
November			15.9	25.1	14.9	16.9	26.4	11.6	29.9	1	6.8	29									1.7	1.7	1.5	1.6	22.4	6.7	20	4	4	2.6	4	5.5	7.5	5.5	6	28.5	27.5	5.5		4.89
December			10.8	19.0	9.1	11.2	20.3	5.8	25.8	2	1.0	28									3.3	4.1	3.4	3.6	68.4	22.9	6	6	6	2.7	2	7	7.5	5.5	10	33.5	27	0.5		3.08
Year			20.2	26.2	17.7	19.5	27.7	—		—	—										1.8	1.8	1.4	1.6	636.0	—		40	39	2.7	53	42.5	61	51	81	339.5	357.5	105.5	—	6.57

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

GOVERNMENT OF PALESTINE.

Department of Agriculture & Forests.

Summary of Meteorological Observations at Haifa for the year 1931.

$\varphi = 32° 48'$ 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

21627 500 ltks 13.12.32 G.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	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.
1931		8h																																						
January		760.73	14.6	18.6		14.6	19.4	9.7	24.2	8	8.3	31	63	63			7.9	10.1			4.7	3.4			151.8	37.9	19	10	10	0.7	—	—	0.5	7	13.5	7	—	-	34	2.81
February		59.68	14.5	18.1		14.5	19.0	10.0	26.2	17	8.2	5	64	63			7.9	9.7			4.6	4.3			258.5	46.2	4,7	14	14	0.7	1	1.5	0.5	5	10.5	6.5	-	—	31	2.50
March		60.67	17.7	21.1		17.2	21.9	12.6	33.0	16	9.0	4	64	62			9.7	11.5			2.9	1.5			29.5	10.6	3	7	6	0.6	—	—	0.5	8	12	4.5	-	—	37	3.95
April		57.87	20.6	23.7		19.2	24.6	13.8	29.6	9	10.7	2	61	61			11.0	13.3			2.9	2.0			15.4	8.5	27	4	4	0.5	-	0.5	1.5	5	8.5	4.5	-		40	4.56
May		57.87	24.5	27.3		23.2	28.2	18.2	38.7	23	14.9	1	65	62			14.8	16.8			0.2	0.5			Drops	Drops	Several Dates	—	—	0.1	—	—	—	1	2.5	1.5			57	4.83
June		56.38	27.8	29.7		26.4	30.6	22.2	32.7	28	20.4	11	67	67			18.7	20.8			0.8	0.5			Drops	Drops	7	—	—	0.4	—	2.5	2.5	4	5.5	3.5	—		42	4.94
July		52.85	30.5	32.4		28.9	33.2	24.6	35.4	15	21.6	12	66	64			21.4	23.2			0.8	0.4			0.0	0.0	—	—	—	0.5	—	-	—		9	9	—		44	4.85
August		52.91	30.8	33.3		29.7	34.2	25.2	37.1	8	21.8	11	69	68			22.7	25.6			0.9	0.6			0.0	0.0	—	—	—	0.5	0.5	1.5	1.5	1	7.5	9.5	1	1.5	38	5.52
September		56.21	30.4	33.1		29.6	34.0	25.1	41.5	19	20.0	30	68	67			22.0	25.2			1.0	0.7			Drops	Drops	23,26,27	—	—	0.4	-	-	3.5	5	5.5	5	—		41	6.09
October		60.24	26.5	29.1		25.2	29.8	20.6	31.6	3	17.9	27	64	65			16.4	19.6			1.0	0.6			4.5	4.5	20	1	1	0.2		3	3	1	2	2	-		51	5.15
November		61.50	20.0	23.1		18.8	24.0	13.7	28.2	1	8.8	28	55	52			9.5	10.8			2.2	1.9			40.9	27.0	7	6	6	0.6		1.5	3	8.5	14	7			26	3.46
December		63.21	14.9	18.3		14.4	19.1	9.7	24.2	3	4.1	29	58	55			7.3	8.6			3.6	2.4			110.2	76.0	4	7	7	1.2	1.5	-	—	11.5	19.5	8		1.5	20	3.04
Year		758.34	22.7	25.6		21.8	26.5	17.1	-	-	-	-	64	62			14.1	16.3			2.1	1.6			610.8	—	—	49	48	0.5	3	10.5	16.5	57	110	68	1	3	461	4.31

GOVERNMENT OF PALESTINE.

Department of Agriculture & Forests.

JERUSALEM

Summary of Meteorological Observations at Acre for the year 1931.

21627 500 nks 13.12.32 G.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	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.
1931																																								
January			13.2	17.9	13.4	13.3	19.1	8.6	23.6	8	3.5	22	76	64	77	76	8.6	9.8	8.8	9.1	3.7	3.0	4.5	3.7	104.3	23.2	18	12	11	2.2	9.5	5	2	26.5	23	11.5	7	6.5	2	4.21
February			13.0	17.8	13.2	13.2	19.0	8.7	24.1	17	5.5	21,28	83	68	83	83	9.2	10.3	9.3	9.6	4.3	3.5	3.9	3.9	220.2	35.2	4	15	15	2.4	3	5	5.5	23.5	19	10.5	9	5.5	3	4.00
March			16.4	20.6	15.2	15.5	22.3	9.9	32.5	17	2.1	23	—	—	—	—	—	—	—	—	2.9	2.2	2.4	2.5	24.5	7.8	3	7	6	2.2	9	5.5	3.5	12.5	16	21.5	14	7	4	5.53
April			19.3	21.1	17.0	17.2	22.8	11.6	32.3	6	5.7	8	69	66	79	74	11.5	12.2	11.3	11.7	2.5	2.5	2.1	2.4	3.0	2.5	26	2	1	2.2	13.5	4.5	1.5	5.5	8.5	22	20.5	11	3	4.77
May			22.9	24.1	20.4	20.4	26.5	14.1	43.9	23	10.0	10	64	62	74	69	13.1	13.9	13.3	13.4	1.3	1.5	1.2	1.3	Drops	Drops	12,28	—	—	2.4	19.5	5	0.5	4	3	17.5	24	18.5	1	5.34
June			25.7	27.3	23.4	23.8	27.8	18.8	31.2	5	15.3	1	67	64	80	74	16.5	17.3	17.0	16.9	1.2	1.2	2.3	1.6	Drops	Drops	7	—	—	1.8	10.5	5.5	-	1.5	2.5	22.5	20.5	19	8	1.53
July			28.4	29.8	26.4	26.6	30.5	21.8	31.8	28	18.3	8	72	71	82	77	20.8	22.2	20.9	21.3	1.9	1.2	1.8	1.6	0.0	0.0	—	—	—	1.9	7.5		—	—	3	23	28	25.5	6	4.70
August			29.0	30.8	27.3	27.4	31.3	22.4	32.1	20	20.2	7	76	75	83	80	22.7	24.8	22.3	23.3	1.8	1.3	1.8	1.6	0.0	0.0	—			1.6	6	0.5			2.5	29.5	27.5	14	13	5.13
September			28.8	30.4	26.8	26.8	31.6	21.3	43.5	15	17.8	24	63	60	71	67	18.5	19.4	18.5	18.8	2.3	1.3	1.4	1.7	Drops	Drops	26			1.8	12.5	4	0.5	3	5.5	19	22	18.5	5	6.43
October			24.7	27.5	23.5	24.1•	28.6	—	34.3	30	—	—	62	61	73	68	14.3	16.4	15.6	15.4	1.1	0.4	1.0	0.8	Drops	Drops	20,21	—		1.9	25	10.5	2	7.5	9	6	7.5	15.5	10	6.00
November			18.3	22.0	16.8	17.6•	23.4	—	29.0	15	—	—	64	56	73	68	10.1	10.9	10.3	10.4	2.2	2.1	3.0	2.4	36.0	17.4	8	5	5	1.9	18.5	14	4	14	12.5	5.5	9.5	10	2	5.58
December			13.6	18.5	13.1	(13.5)	19.5	(8.7)	25.6	14	(2.0	27)	62	46	68	65	7.2	7.3	7.6	7.4	3.5	3.2	2.7	3.1	78.2	47.0	4	6	5	2.6	3.5	5	11.5	32.5	16.5	10	7.5	5.5	1	(6.07)
Year			21.1	24.0	19.7	(20.0)	25.2	—	—	—	—	—	—	—	—	—	—	—	—	—	2.4	2.0	2.3	2.2	466.2	—	—	47	43	2.1	138	64.5	31	130.5	121	198.5	197	156.5	58	(5.19)

• $\frac{8^h + 20^h}{2}$

GOVERNMENT OF PALESTINE.

Department of Agriculture & Forests.

JERUSALEM

Summary of Meteorological Observations at Beersheba for the year 1931.

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

21627 500 10ks 13.12.32 G.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	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.
1931																																								
January			10.5			13.6	21.6	5.5	25.2	1	2.4	15,17	84				7.9				3.1				85.0	30.0	20	6	6	4.8	—	—	15	7	5	—	3	—	1	4.84
February			12.8			13.6	21.2	6.1	27.2	18	2.3	4	86				9.3				3.2				17.0	7.6	22	3	3	4.2	—	—	6	12	2	1	4	—	2	5.62
March			16.2				—	8.4	—	—	3.5	6,22	62				8.5				2.0				26.0	25.0	3	2	2	2.2	—	—	8	7.5	1.5	—	2		11	7.89
April			19.5			(19.7	29.1)	10.3	(34.2	6)	4.5	18	60				10.1				4.0				10.0	5.2	10	3	3	(1.7)	—		1.5	3.5	1		10		13	8.79
May			23.6			(22.6	32.6)	12.5	(39.0	23)	5.4	3	—				—				1.4				0.0	0.0	—	—	—	1.7	—	—	3.5	2.5	—	1	7	—	15	10.31
June			26.4			(25.2	34.2)	16.3	(40.9	5)	12.1	17	(73)				(18.6)				1.3				0.0	0.0	—	—	—	1.9	—	—	1	2	1		14		10	9.33
July			28.1			27.1	35.9	18.3	39.6	1	14.0	7	60				17.0				1.2				0.0	0.0	—	—	—	1.2	—		2.5	0.5	—		8		19	10.32
August			28.9			27.0	36.2	17.9	38.2	11,12	14.9	24	56				16.3				0.9				0.0	0.0	—	—	—	1.5	—				2	1	12		16	10.60
September			27.4			27.5	36.6	18.4	43.8	18	14.0	30	69				18.7				2.3				0.0	0.0	—	—	—	2.1	—	—	2				15	—	12	8.49
October			22.7			23.8	33.1	14.6	38.0	5,7	10.2	22	70				14.2				1.7				2.5	2.5	1	1	1	1.9	—		7	2			12	—	10	6.59
November			15.8			18.0	26.5	9.5	31.2	1	5.5	30	(67				9.1)				2.7				76.5	35.0	26	5	5	2.9	—		10.5	3.5			7		8	5.05
December			10.4			14.0	22.1	6.0	26.5	13	0.9	28	76				7.3				3.3				78.8	36.8	5	5	5	5.0	(—		5	15.5	1.5		3	—	3)	4.47
Year			20.2				—	12.0	—	—		—	—				—				2.3				295.8	—	—	25	25	(2.6)	(	—	62	56	14	3	97	—	120)	7.69

GOVERNMENT OF PALESTINE.

Department of Agriculture & Forests.

Summary of Meteorological Observations at Gaza for the year 1931.

φ = 31 ° 30 ' N. λ = 34 ° 27 ' East of Greenwich. H = 35.1 metres. h_t = 1.5 metres. h_r = 1.0 metres. C_h = + 3.2 mm.

JERUSALEM

21627 500 tks 13.12.32 G.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	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.
1931		8h																																						
January		760.54	12.0			14.0	19.0	9.0	25.6	13	5.7	24	74				7.7				3.2				56.1	38.6	19	6	6	0.8	—	2	—	—	9	6	-	-	14	3.92
February		59.33	12.1			14.1	19.7	8.5	27.6	17	5.6	6	74				7.8				2.8				66.0	24.8	11	9	9	0.8	—	—	—	1	7	5	1	3	11	4.41
March		59.82	16.5			17.4	23.4	11.3	36.9	16	5.2	7	59				8.2				1.9				24.2	21.4	3	2	2	0.6	0.5	—	—		6	5	-	3.5	16	6.24
April		57.47	19.4			19.2	24.9	13.5	34.3	9	8.7	1	62				10.4				2.6				13.2	4.7	11	4	4	0.7	—	1.5	0.5	2	4	3	1	4	14	8.05
May		56.32	23.3			21.2	27.3	15.0	35.1	12	11.9	17	60				12.7				1.2				0.0	0.0	—	—	—	0.4	1	1	—	—	4	1	2	1	21	7.68
June		54.66	26.0			24.3	29.4	19.2	35.8	5	16.7	4	67				16.8				1.7				1.2	1.2	13	1	1	0.5	—	—	—	1	4	4	5	2	14	9.01
July		50.83	27.7			26.2	31.3	21.0	35.2	12	18.2	7	74				20.3				2.2				0.0	0.0	—	—	—	0.4	—	—	—	1	2	6	1	2	19	8.57
August		51.15	27.9			26.9	32.1	21.7	35.4	11	19.8	19	69				19.4				1.5				0.0	0.0	—	—		0.5	—	—	0.5	0.5	6	3.5	0.5	2	18	8.52
September		54.93	27.3			25.8	30.8	20.7	34.7	14	16.6	30	72				19.4				1.4				Drops	Drops	28	—	—	0.2	—		—	1	1	2	1	2	23	8.83
October		59.33	23.6			22.8	28.1	17.6	31.3	1	14.8	23	74				15.9				2.2				3.6	2.4	2	2	2	0.2	—	1			3.5	1.5	0.5	0.5	24	6.67
November		61.25	15.8			(17.6)	22.6	(12.5)	26.4	1	(9.1	28)	76				10.1				2.7				53.3	15.7	7	8	6	0.6			1	5	4	4			16	4.73
December		63.32	11.9			13.3	19.1	7.5	24.4	14	2.6	29	69				7.2				3.3				74.7	29.8	5	7	7	0.6	—	—	2	3	2	5		2	17	3.17
Year		757.41	20.3			(20.2)	25.6	(14.8)			—	—	69				13.0				2.2				292.3	—	—	39	37	0.5	1.5	5.5	4	14.5	52.5	46	12	22	207	6.65

GOVERNMENT OF PALESTINE.

Department of Agriculture & Forests.

JERUSALEM

Summary of Meteorological Observations at Beisan for the year 1931.

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

21027 500 10ks 13.12.32 G.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	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.
1931																																								
January			—	—		—	—	—	—	—	—		—	—			—	—			4.2	3.1			75.7	23.5	19	10	9	1.3	3	4	4	3.5	10	2	7.5	5	23	—
February								—	—	—		—	—	—			—	—			4.1	2.9			174.7	42.0	11	13	10	1.4	3	6.5	4.5	6.5	9.5	3.5	4	1.5	17	
March				—			—	—	—	—	—	—	—	—			—	—			2.0	2.5			19.5	13.0	3	3	3	1.5	3.5	8.5	6	4	6	3	8.5	5.5	17	—
April			19.7	26.3		19.4	27.8	10.9	35.0	20	5.5	2	60	42			10.3	10.4			2.2	2.3			2.1	1.8	26	2	1	1.3	4	8.5	5	2	2.5	4.5	19	7.5	7	6.08
May			24.7	31.9		24.3	33.5	15.1	45.5	23	10.5	3	51	29			11.7	10.2			1.0	1.4			Drops	Drops	12	—	—	1.2	3	5	8.5	1.5	0.5	3	21.5	8	11	10.25
June			28.1	34.1		27.2	35.6	18.8	41.5	5	15.0	30	54	33			15.2	12.9			1.1	0.4			Drops	Drops	7	—	—	0.9	—	2	7.5	2	1	3	24	9.5	11	10.00
July			30.7	36.9		30.0	37.9	22.0	41.0	28,29	18.5	3	53	30			17.7	14.0			0.7	0.0			0.0	0.0	—	—	—	1.1	—	7	1.5	3.5	2.5	4.5	24.5	12.5	6	10.50
August			30.9	37.3		30.2	38.5	22.0	40.8	28	20.0	24	56	31			18.9	14.7			0.6	0.0			0.0	0.0	—	—	—	0.8	—	2.5	5	3.5	3	5	22	7	14	9.49
September			30.0	37.4		30.2	38.8	21.6	48.0	15,19	14.9	30	55	31			17.5	14.7			1.1	0.5			Drops	Drops	26	—	—	0.7	2	3.5	6.5	1.5	0.5	—	19	7	20	8.56
October			26.1	34.7		26.6	35.9	17.3	42.0	13	13.0	23	48	29			12.0	11.8			0.3	0.4			Drops	Drops	21	—	—	1.0	4	7	5	2.5	1		12.5	7	23	7.41
November			18.1	26.6		19.8	28.1	11.5	32.8	1	5.4	28	58	37			9.0	9.5			1.3	1.6			10.0	5.0	26	3	3	1.1	2.5	13	5	1.5	1.5	3.5	5	4	21	5.21
December			11.3	19.8		14.0	21.3	6.6	26.0	1	1.5	27	70	44			7.0	7.6			2.9	2.8			42.5	15.0	4	7	7	1.0	1.5	12.5	6	5	2	2.5	5.5	5	22	2.90
Year			—	—				—			—		—	—			—	—			1.8	1.5			324.5	—	—	38	33	1.1	26.5	80	64.5	37	40	34.5	173	79.5	195	

GOVERNMENT OF PALESTINE.

Department of Agriculture & Forests.

JERUSALEM

Summary of Meteorological Observations at Beit Gemal for the year 1931.

$\varphi = 31° 43'$ N. $\lambda = 34° 59'$ East of Greenwich. H = 320 metres.

21627 500 Bks 13.12.32 G.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	Maximum 1 day Date	DAYS WITH > 0.1 mm.	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.
1931																																								
January			11.4	16.4	11.3	12.1	19.2	9.3	28.8	13	5.6	22	66	58	77	72	6.7	8.0	7.7	7.5	4.6	5.1	3.4	4.4	122.8	41.1	19	8	8	2.7	2	22	6	11	5	30	6	6	5	4.44
February			11.4	16.1	11.3	11.9	20.0	8.9	29.1	17	6.5	12	69	54	74	72	6.9	7.2	7.4	7.2	5.0	5.7	3.1	4.6	84.7	36.0	7	6	6	2.8	2	11	7	14	7	34	5	2	2	4.79
March			15.5	20.6	14.4	15.6	24.5	11.8	33.9	16	5.4	6	60	50	71	66	8.0	9.0	8.6	8.5	5.1	5.5	3.8	4.8	42.3	31.7	3	4	4	2.2	—	15	10	17	7	25	5	7	7	6.04
April			18.6	23.3	16.7	17.6	25.7	11.9	32.8	6	8.0	1,18	55	45	68	62	8.8	9.5	9.6	9.3	4.9	5.3	3.2	4.5	19.5	14.7	12	2	2	1.8	5	10	8	12	8	15	7	11	14	5.89
May			23.2	28.0	19.8	21.6	29.9	15.4	37.8	22	10.5	4	43	36	60	52	9.1	10.0	10.3	9.8	2.3	3.4	1.0	2.2	Drops	Drops	7,15	—	—	1.4	6	9	6	13	7	10	3	20	19	6.83
June			24.5	29.6	22.1	23.6	31.2	18.0	39.6	5	15.5	3	57	42	72	64	13.0	12.9	14.3	13.4	2.2	1.7	0.2	1.4	0.0	0.0	—	—	—	1.6	6	3	2	4	5	26	2	21	21	6.22
July			26.8	32.1	23.8	25.8	33.8	20.3	38.9	28	17.6	3	57	40	78	68	14.8	14.3	16.9	15.3	1.8	0.7	0.1	0.9	0.0	0.0	—	—	—	1.4	5	10	3	7	4	16	3	28	17	6.85
August			26.8	32.3	24.3	26.1	34.2	21.0	36.8	11	18.5	24	56	41	80	68	14.5	14.8	17.9	15.7	2.4	0.9	0.0	1.1	0.0	0.0	—	—		1.5	1	3	2	14	10	16	2	25	20	7.31
September			25.9	32.2	24.0	25.6	34.2	20.2	43.6	18	16.1	30	61	42	74	68	15.1	15.0	16.3	15.5	2.7	1.4	0.8	1.6	Drops	Drops	26	—	—	1.3	6	9	3	8	6	13	1	15	29	6.59
October			23.1	29.1	20.7	22.6	31.4	17.5	36.3	5,13	14.5	23	62	43	77	70	13.0	13.0	13.9	13.3	1.7	2.3	1.0	1.7	Drops	Drops	2,21	—	—	1.2	6	6	3	20	10	4	1	19	24	5.35
November			16.8	20.8	15.2	16.4	24.1	12.7	29.5	1	8.0	28	64	53	77	70	9.1	9.7	10.0	9.6	3.7	4.6	2.1	3.5	40.6	19.7	27	5	5	1.8	8	8	9	11	9	19	6	3	17	4.57
December			12.9	17.4	12.8	13.2	19.3	9.7	29.2	12	4.2	25	73	63	74	74	8.0	9.3	8.1	8.5	4.7	5.4	3.5	4.5	109.2	63.3	5	5	5	2.3	1	10	13	19	3	22	4	6	15	4.89
Year			19.7	24.8	18.0	19.3	27.3	14.7	—	—	—	—	60	47	74	67	10.6	11.1	11.8	11.1	3.4	3.5	1.8	2.9	419.1	—	—	30	30	1.8	48	116	72	150	81	230	45	163	190	5.81