ANNUAL SUMMARY OF METEOROLOGICAL DATA FOR MANILA DEDUCED FROM TWENTY FOUR DAILY OBSERVATIONS DURING THE YEAR 1938

Month	Pressure		Air temperature									
	Mean	Departure from normal	Mean	Departure from normal	Mean maximum	Departure from normal	Mean minimum	Departure from normal	Absolute maximum	Day	Absolute minimum	Day
	mm.	mm.	°C.	°C.	°C.	°C.	°C.	°C.	°C.		°C.	
January	761.08	—0.09	25.0	+0.2	30.6	+0.4	20.8	+0.3	33.5	29	18.3	2
February	60.86	— .28	26.1	+ .8	32	+ .9	21.3	+ .8	34.5	14	18.2	2
March	59.67	— .80	27.6	+1	33.8	+1.1	23..	+1.7	35.6	22	21.2	15.18
April	58.37	— .95	28	— .1	33.6	— .5	24	+1.1	36	21	22.6	1
May	58.15	— .13	28	— .4	33.1	— .6	24.1	+ .1	35.7	4	21.8	8
June	58.06	+ .22	27.5	— .3	32.2	— .2	24	— .1	34.2	6	22.6	30
July	57.98	+ .86	27.1	+ .1	31.7	+ .7	23.8	0	33.8	20	22.7	1
August	57.57	+ .31	28.1	+1.1	32.2	+1.4	24.7	- .8	33.9	15	[illegible]	20
September	57.35	— .15	27.4	+ .6	31.9	+1.1	24.2	- .5	33.7	[illegible]	23.1	27
October	58.26	— .31	26.8	+ .2	31.5	+ .4	23.4	+ .3	33.1	7	21.9	19
November	59.10	— .24	25.8	0	30.8	+ .3	22.5	+ [illegible]	[illegible].5	8	20	15
December	58.86	—1.40	25.6	+ .5	31	+ .9	22.2	+ .9	33	13	20.3	7
Annual	758.78	—0.24	26.9	+0.3	32.0	+0.5	23.2	+0.6	36.0	IV 21	18.2	II 2

Month	Wind					Relative humidity		Vapor pressure		Cloudiness	
	Prevailing direction	Velocity			Direction at the time of the maximum velocity	Mean	Departure from normal	Mean	Departure from normal	Mean	Departure from normal
		Total	Departure from normal	Hourly maximum							
		Km.	Km.	Km.		Per cent	Per cent	mm	mm.	0-10	0-10
January	NE quad.	6,347.0	+1,313.7	35.0	NE	75.3	—2.3	17.6	—0.3	6.0	+0.4
February	SE	5,942.5	+ 705.8	27	SE	71.8	—2	17.8	+ .3	4.2	— .7
March	SE quad.	6,665.5	+ 167.3	30	SE	71.3	+ .1	19.3	+1.3	5.3	+ .8
April	SE	5,457	—1,160.9	26	N	74.5	+4.8	20.6	+1.2	6.4	+2.3
May	E, SE	6,808	+ 39.9	37	SW	77.7	+1.9	21.5	0	6.6	+ .8
June	S quad.	7,661.5	+1,087.4	42	WSW	81	— .2	22	— .3	8	+1
July	SW quad.	6,515	—1,721.8	34.5	SW	83.8	—1	22.2	— .1	7.5	— .3
August	SW quad.	9,433	+ 90.1	40	WSW	79.6	—5.3	22.3	0	7.6	— .2
September	SW quad.	7,665	+ 396.4	36	SW	82	—3.4	22.1	— .2	7.6	0
October	SW quad.	6,196	+1,035	42	SW	82.1	—1.7	21.3	— .2	7.3	+ .6
November	NE quad.	5,624	+ 836.6	37	ESE	81.4	—1.3	19.9	— .3	7.5	+1.1
December	NE quad.	5,118	+ 492.1	40	NE	80.9	— .1	19.6	+ .6	7	+ .8
Annual	----------	79,432.5	+3,281.6	42.0	----------	78.4	—0.9	20.5	+0.1	6.8	+0.6

Month	Evaporation		Sunshine		Rainfall					
	Free exposure (total)	Under shelter (total)	Total	Departure from normal	Total	Departure from normal	Greatest in a single day	Day	Rainy days	Departure from normal
	mm.	mm.	h. m.	h. m.	mm.	mm.	mm.			
January	137.8	104.1	179 05	+ 3 28	30.7	+ 6.2	20.0	17	5	0
February	156.7	113.5	222 05	+26 58	2.8	— 8.8	2.8	21	1	—2
March	181.9	128.3	227 40	— 1 18	16.4	— 1.6	7.1	24	10	+7
April	142.9	105.4	191 40	—67 12	62.4	+ 30.7	21.5	18	13	+9
May	131.7	98.1	198 15	—23 42	173.1	+ 42.9	57.6	10	13	+2
June	109.5	81.7	122 45	—40 20	416.8	+162.2	216.6	30	17	+1
July	90.5	69.2	153 10	+20 28	274.6	—156.1	84.1	1	24	+2
August	123.6	90.7	177 45	+41 15	248.7	—171.4	41.4	21	21	—1
September	92.1	69.4	146 10	+14 46	157.4	—204.9	40.6	30	24	+3
October	92.6	69	148 25	— 9 09	204.2	+ 9.4	52.4	5	18	+1
November	86.7	68.1	125 10	—26 52	280.1	+136.5	65.2	29	17	+4
December	91.7	71	127 40	—22 17	57.6	— 5.4	11.7	26	16	+7
Annual	1,437.7	1,068.5	2,019 50	—83 55	1,924.8	—160.3	216.6	VI 30	179	+33