



Station : Royal Observatory, Hongkong.

1917.

Long. 7<sup>h</sup>. 36<sup>m</sup>. 41<sup>s</sup>. 8 E.

Height above M.S.L. 109 ft.

Month of February.

Lat. 22° 18' 13.2" N.

Day.	Barometer at M.S.L. and reduced to gravity at latitude 45°.				Air Temperature.				Tension of Vapour.	Relative Humidity.	Wind. Direction and Force.			Amount of Cloud.	Rainfall.	Remarks.				
	7 a.	1 p.	9 p.	ins.	7 a.	1 p.	9 p.	Max.			Min.	Daily Means.	Dir. points				Vel. in. p. h.	Dir. points	Vel. in. p. h.	Dir. points
1917.																				
Feb.																				
1	30.146	30.065	30.076	ins.	54.2	63.4	57.1	64.1	54.0	0.292	61	6	15	10	16	8	10	1.5	Lunar Coronn.	
2	.063	.100	.112		58.3	59.1	59.5	61.3	56.8	.294	59	7	22	9	12	10	8	9.7		
3	.170	.190	.225		55.0	62.6	56.4	63.0	54.9	.224	46	32	12	1	11	...	1	7.2		
4	.237	.222	.239		53.7	57.6	56.1	59.1	53.6	.301	67	7	3	10	19	8	21	6.2		
5	.234	.211	.178		53.7	58.3	56.9	58.9	53.7	.269	59	6	20	7	31	7	18	1.0		
6	.144	.130	.122		56.2	60.3	57.0	61.6	55.5	.346	71	8	23	8	18	10	11	0.40		
7	.087	.015	29.996		59.0	64.6	60.1	68.6	58.0	.473	86	11	13	9	10	9	18	0.045	Slight fog, Hazi	
8	.229	.117	30.187		55.5	55.6	50.7	61.6	49.0	.327	75	32	9	1	7	2	6	10.0	Slight fog.	
9	.163	.129	.128		46.5	56.3	52.8	57.8	45.7	.234	60	31	6	23	10	30	3	2.3	Lunar Coronn.	
10	.092	.104	.091		54.7	60.6	58.9	61.3	50.5	.319	68	10	10	9	17	8	17	7.5		
11	.247	.254	.271		59.4	61.5	54.1	63.4	53.6	.349	72	8	16	4	10	1	9	9.2		
12	.287	.267	.269		50.7	58.6	56.8	61.3	50.4	.330	75	2	5	10	6	9	7	5.5		
13	.225	.196	.190		53.6	59.8	57.6	60.6	52.5	.300	65	5	8	11	19	7	11	6.4	Dew.	
14	.140	.074	.079		57.6	60.4	59.9	61.1	53.1	.329	69	7	22	9	17	8	15	0.035		
15	.047	29.987	29.975		57.6	64.6	61.6	65.6	57.0	.325	60	8	16	9	22	10	13	0.100		
16	29.981	.920	.901		59.9	71.6	61.5	72.8	59.1	.466	77	9	5	22	11	16	4	3.8		
17	.891	.855	.855		57.3	68.2	58.3	70.3	56.3	.476	90	...	...	30	6	...	...	0.1	Haze.	
18	.951	.986	30.102		58.0	59.6	54.6	73.7	55.6	.469	81	6	6	13	11	9	3	2.7	Thick fog.	
19	30.172	30.156	.194		51.7	58.8	57.8	60.6	49.6	.219	48	1	15	10	19	4	6	8.7	Thick fog.	
20	.166	.107	.109		56.7	61.1	61.6	62.2	56.4	.308	61	6	10	8	20	8	12	7.3		
21	.057	.060	.072		59.8	61.1	61.7	64.1	59.6	.405	74	8	29	9	11	10	7	10.0		
22	.042	.010	29.977		59.9	63.3	62.7	64.4	59.6	.463	83	8	14	9	16	10	8	9.5		
23	29.970	29.940	.945		61.9	66.5	63.4	67.1	61.5	.513	87	9	16	9	21	9	18	5.6		
24	.959	.889	.861		60.8	64.9	63.1	66.3	60.8	.503	87	7	20	7	24	9	19	9.3		
25	.912	.833	.849		63.3	68.7	64.6	70.2	62.6	.532	86	8	16	8	17	7	12	6.7		
26	.908	.955	30.006		60.4	60.9	56.8	74.0	62.4	.579	89	...	...	...	...	...	...	6.9		
27	...	...	...		...	...	...	...	54.8	.458	90	6	23	7	14	3	8	10.0	Slight fog.	
28	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	Thick fog.	
...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Means	30.087	30.067	30.076		56.9	62.6	59.0	64.4	55.3	0.371	72	7.5	13.0	9.3	14.5	8.5	11.0	6.4	0.405	

In reducing the barometer readings to gravity at latitude 45°, a constant correction of -0.055 inch has been applied.

( Zb 3 )

Long. 7° 36' 41.8 E.

1917.

Station: Royal Observatory, Hongkong.

Lat. 22° 18' 13.2" N.

Month of March.

Height above M.S.L. 109 ft.

Day.	Barometer at M.S.L. and reduced to gravity at latitude 45°.			Air Temperature.				Tension of Vapour.	Relative Humidity.	Wind, Direction and Force.				Amount of Cloud.	Rainfall.	Remarks.			
	7 a.	1 p.	9 p.	7 a.	1 p.	9 p.	Max.			Min.	Daily Means.	7 a.	1 p.				9 p.	Daily Means.	
													Dir.						Vel.
1917.	ins.	ins.	ins.	°	°	°	°	°	%	points.	points.	points.	points.	ins.					
Mar.																			
1	30.108	30.133	30.106	49.6	49.6	55.9	48.4	0.313	84	2	5	7	3	0.930					
2	.041	29.986	.013	53.3	53.3	55.5	51.0	.345	84	4	18	7	...	0.155					
3	29.989	.974	29.961	62.9	60.4	65.7	53.7	.415	82	1	2	24	...	0.010					
4	.970	.984	.986	60.0	59.2	61.7	58.5	.409	79	7	33	7	17	0.015	Slight fog, Haze.				
5	.993	.951	30.027	62.7	62.7	63.5	56.1	.413	82	5	5	9	21	0.020					
6	30.074	30.092	.089	59.6	58.8	61.8	54.6	.393	80	3	9	3	5	0.015					
7	.100	.084	.038	59.9	59.4	60.9	56.4	.394	81	7	20	8	7	...					
8	29.973	29.903	29.878	66.1	64.6	67.0	57.8	.459	80	8	20	9	22	...					
9	.851	.872	.882	67.6	65.7	73.9	64.6	.601	89	9	2	8	3	...					
10	.965	.982	.950	63.8	62.5	67.5	61.4	.469	80	8	38	8	25	...	Slight fog, Haze.				
11	.970	.947	.878	63.6	62.7	65.1	60.2	.453	80	8	29	8	21	...	Slight fog.				
12	.886	.803	.849	70.4	66.8	71.2	63.9	.619	93	8	20	8	15	...					
13	.853	.883	.874	73.7	67.6	74.9	66.1	.651	90	...	...	25	12	...					
14	.921	.924	30.032	73.1	67.1	76.1	63.4	.566	83	...	...	32	9	...					
15	30.195	30.239	.244	56.6	54.3	63.9	53.6	.322	69	1	20	32	9	...					
16	.189	.149	.109	59.3	59.6	61.8	55.5	.318	65	5	12	9	8	...					
17	.032	.007	29.984	63.2	63.0	65.4	59.2	.432	77	8	26	8	20	...					
18	29.960	29.941	.950	63.6	68.7	70.7	62.8	.553	86	9	17	8	19	...					
19	.957	.939	.948	76.8	68.8	77.2	65.4	.620	85	...	...	26	7	...	Fog.				
20	30.026	30.050	30.047	66.6	64.6	67.4	62.6	.512	83	7	18	9	22	...					
21	.080	.045	.092	61.6	64.3	67.4	61.6	.467	77	6	23	8	26	...					
22	.112	.099	.077	62.6	64.3	68.5	62.3	.488	79	8	22	10	23	...					
23	.104	.074	.079	64.6	69.6	70.9	64.1	.480	74	5	13	10	15	...					
24	.085	.068	.105	63.1	63.6	66.0	58.3	.419	75	6	20	7	34	...					
25	.115	.123	.109	58.6	58.7	59.6	56.2	.375	79	6	20	6	19	0.020					
26	.079	.062	.115	54.6	53.4	56.7	52.1	.359	85	6	18	4	10	0.010					
27	.138	.155	.190	58.6	57.1	62.8	51.6	.283	62	1	10	2	15	1.495					
28	.226	.224	.255	62.6	60.8	66.0	52.9	.290	57	3	2	9	22	...					
29	.276	.253	.228	66.1	61.6	66.4	58.2	.321	58	4	5	10	17	...	Haze.				
30	.211	.178	.122	59.4	61.6	63.4	57.9	.341	64	7	15	9	15	...					
31	.116	.104	.080	66.6	64.3	67.9	59.6	.388	65	10	7	10	16	...	Haze.				
Means	30.051	30.041	30.042	63.7	61.4	65.9	58.4	0.434	78	73	14.5	8.8	16.1	7.8	2.670				

In reducing the barometer readings to gravity at latitude 45°, a constant correction of -0.055 inch has been applied.

Station : Royal Observatory, Hongkong.

1917.

Long. 7<sup>h</sup> 36<sup>m</sup>. 41<sup>s</sup>. 8 E.

Height above M.S.L. 109 ft.

Month of April.

Lat. 22° 18' 13.2" N.

Day.	Barometer at M.S.L. and reduced to gravity at latitude 45°.			Air Temperature.				Tension of Vapour.	Relative Humidity.	Wind. Direction and Force.				Amount of Cloud.	Rainfall.	Remarks.			
	7 a.	9 p.	ins.	7 a.	1 p.	9 p.	Max.	Min.	Daily Means.	Direction and Force.				Daily Means.	ins.				
										Dir.	Vel.	Dir.	Vel.				Dir.	Vel.	Dir.
Apr. 1	30.085	30.059	ins.	64.0	67.8	65.7	69.0	62.4	60	7	27	8	26	9	11	6.8	...	Haze.	
2	29.975	29.986	ins.	65.5	70.5	66.7	74.5	64.6	75	8	11	9	12	23	11	7.1	...	Haze.	
3	29.975	29.986	ins.	64.6	74.6	68.6	75.0	63.9	75	26	12	25	6	...	...	5.7	...	Slight fog.	
4	29.975	29.986	ins.	66.6	72.4	67.6	73.5	64.2	84	...	1	9	7	9	13	7.8	...	Slight fog.	
5	29.975	29.986	ins.	67.4	73.6	69.0	74.5	66.4	82	10	10	8	15	8	5	1.5	...	Slight fog.	
6	29.975	29.986	ins.	67.8	76.1	70.6	78.0	66.2	82	...	1	24	9	...	...	3.2	...	Slight fog.	
7	29.975	29.986	ins.	68.4	77.6	71.0	79.3	67.6	85	...	1	25	5	...	...	6.7	...	Slight fog, Haze.	
8	29.975	29.986	ins.	64.5	68.6	67.1	70.5	64.4	77	7	33	7	28	8	21	9.9	0.405	Haze, Thunderstorms.	
9	29.975	29.986	ins.	66.3	69.6	68.5	71.2	65.6	92	9	16	8	18	8	17	9.7	0.015	Slight fog, Thunderstorms.	
10	29.975	29.986	ins.	69.2	71.8	72.6	77.8	68.6	92	9	14	9	12	9	10	9.5	...	Slight fog.	
11	29.975	29.986	ins.	76.3	77.7	77.0	79.6	74.1	86	15	19	17	19	18	10	9.9	...	Thunderstorms.	
12	29.975	29.986	ins.	75.1	74.6	69.4	77.6	68.9	94	17	12	23	12	8	21	10.0	2.630	Slight fog, Thunderstorms.	
13	29.975	29.986	ins.	70.4	73.7	70.6	76.8	69.1	88	24	7	14	4	8	12	9.2	0.105	Slight fog, Thunderstorms.	
14	29.975	29.986	ins.	68.6	68.8	67.2	70.3	66.8	91	7	13	7	18	9	12	10.0	0.130	Slight fog.	
15	29.975	29.986	ins.	67.5	67.6	67.6	69.7	66.5	94	8	4	8	9	...	...	0.270	...	Slight fog.	
16	29.975	29.986	ins.	66.6	67.5	69.7	72.2	65.6	83	...	10	10	10	7	16	9.8	...	Haze, Lightning.	
17	29.975	29.986	ins.	67.7	67.3	67.9	70.5	66.6	89	7	24	8	18	8	18	10.0	0.140	Lightning.	
18	29.975	29.986	ins.	67.2	68.3	69.1	71.4	66.6	93	8	17	8	16	8	15	9.7	0.085	Lightning.	
19	29.975	29.986	ins.	68.6	70.8	69.7	72.8	68.1	94	8	17	10	11	8	12	9.2	0.115	Thunderstorms.	
20	29.975	29.986	ins.	70.0	70.6	70.6	74.0	69.1	94	9	8	9	19	9	14	9.3	0.240	Thunderstorms.	
21	29.975	29.986	ins.	68.6	68.6	68.5	71.1	67.4	94	7	27	7	27	7	28	10.0	0.260	Thunderstorms.	
22	29.975	29.986	ins.	66.9	71.6	72.6	76.6	66.9	95	7	26	8	26	7	10	9.7	0.040	Slight fog.	
23	29.975	29.986	ins.	77.6	79.5	77.5	80.6	74.1	90	18	10	21	15	12	5	9.9	...	Thick fog.	
24	29.975	29.986	ins.	74.5	69.3	66.6	73.2	66.2	92	8	13	7	34	7	37	10.0	...	Thunderstorms.	
25	29.975	29.986	ins.	64.9	66.6	64.7	67.3	64.5	87	7	30	7	32	7	31	10.0	...	Slight fog, Lightning, Thunder.	
26	29.975	29.986	ins.	65.2	68.8	67.6	70.0	64.1	92	7	24	8	18	8	19	9.5	0.005	Slight fog, Lightning, Thunder.	
27	29.975	29.986	ins.	68.6	73.8	72.6	77.4	68.0	92	8	5	...	1	...	...	9.4	0.015	Slight fog, Lightning, Thunder.	
28	29.975	29.986	ins.	72.2	72.5	67.0	75.5	63.8	82	...	7	33	6	13	...	9.9	0.275	Slight fog, Lightning, Thunder.	
29	29.975	29.986	ins.	65.8	64.9	63.6	66.6	62.5	82	6	14	32	9	5	12	10.0	0.215	Slight fog, Lightning, Thunder.	
30	29.975	29.986	ins.	60.8	62.6	61.8	66.5	59.4	74	32	5	32	7	...	1	7.2	0.285	Haze.	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Means	29.845	29.837	ins.	68.2	71.0	69.0	73.5	66.4	86	8.9	13.3	9.0	15.5	8.8	12.5	8.7	Sums.	5.230	...

In reducing the barometer readings to gravity at latitude 45°, a constant correction of -0.055 inch has been applied.



Station : Royal Observatory, Hongkong.

1917.

Long. 7<sup>h</sup>. 36<sup>m</sup>. 41<sup>s</sup>. 8 E.

Height above M.S.L. 109 ft.

Month of June.

Lat. 22° 18' 13.2" N.

Day.	Barometer at M.S.L. and reduced to gravity at latitude 45°.				Air Temperature.				Tension of Vapour.	Relative Humidity.	Wind. Direction and Force.				Amount of Cloud.	Rainfall.	Remarks.				
	7 a.	1 p.	9 p.	Min.	Mux.	9 p.	1 p.	7 a.			7 a.			1 p.				9 p.	Daily Means.		
											Dir.	Vel.	Force	Dir.						Vel.	Force
1917.	ins.	ins.	ins.	°	°	°	°	ins.	%	points	ins.	ins.	ins.	ins.	ins.	ins.	ins.				
1 June	29.756	29.736	29.751	80.3	86.8	81.5	84.8	0.900	82	18	11	18	18	18	20	3	9.5	Lunar halo, Thunderstorms.			
2	.741	.715	.715	80.0	89.0	81.2	85.2	.904	81	18	9	18	18	18	12	8	8.9	Lunar halo, Rainbow, Lightning.			
3	.702	.725	.710	75.9	87.1	77.9	84.7	.897	87	18	10	22	14	7	8	8	9.0	Lunar halo, Haze, Thunderstorms.			
4	.718	.746	.745	78.5	86.9	81.7	84.9	.914	83	18	5	19	11	19	5	9.1	Thunder.				
5	.769	.782	.773	79.5	86.3	82.6	84.8	.912	81	20	5	20	13	20	6	7	9.6	Rainbow, Thunder.			
6	.773	.780	.779	80.8	88.6	82.2	85.7	.918	80	19	5	18	9	16	7	8.7	Lightning, Thunder.				
7	.756	.764	.757	86.2	86.7	79.2	84.4	.886	83	17	9	20	15	25	6	1.400	Lunar Corona, Thunderstorms.				
8	.740	.743	.761	76.8	87.0	77.0	85.6	.885	89	21	9	23	12	...	...	1.200	Haze, Dew.				
9	.790	.802	.805	76.6	87.0	80.4	83.9	.839	80	...	...	...	...	...	...	...	7.2	Dew, Thunderstorms.			
10	.810	.829	.845	77.1	84.8	78.4	84.8	.879	89	...	...	...	...	...	...	...	7.1	Haze, Unusual Visibility, Dew, Thunderstorms, Halobow.			
11	.811	.796	.768	76.6	87.0	80.2	84.8	.897	86	7	5	12	9	11	2	4.6	Solar halo, Haze, Unusual Visibility.				
12	.748	.751	.739	78.5	87.0	81.5	85.6	.891	81	...	...	...	...	...	...	...	6.4	Solar halo, Dew, Rainbow.			
13	.753	.751	.757	79.5	88.3	81.7	87.7	.897	80	...	...	...	...	...	...	...	5.2	Lightning.			
14	.776	.779	.779	79.6	88.0	82.8	87.1	.893	78	...	...	...	...	...	...	...	5.1	Lunar Corona, Thunderstorms.			
15	.782	.796	.789	88.0	87.7	83.1	85.0	.891	77	...	...	...	...	...	...	...	6.0	Haze, Dew.			
16	.770	.737	.707	87.7	88.4	83.1	87.2	.891	77	...	...	...	...	...	...	...	6.0	Lightning, Thunder.			
17	.681	.633	.623	88.4	87.6	82.9	87.2	.893	75	...	...	...	...	...	...	...	7.1	Lunar Corona, Thunderstorms.			
18	.630	.637	.670	87.6	87.5	82.8	87.0	.893	78	...	...	...	...	...	...	...	7.6	Haze, Dew.			
19	.690	.707	.713	88.0	87.5	82.8	85.0	.891	81	...	...	...	...	...	...	...	7.1	Dew, Thunderstorms.			
20	.691	.703	.678	88.4	86.3	82.9	87.2	.893	75	...	...	...	...	...	...	...	7.6	Haze, Dew.			
21	.672	.676	.671	87.6	86.3	82.8	87.0	.893	81	...	...	...	...	...	...	...	7.6	Dew, Thunderstorms.			
22	.635	.614	.626	87.5	86.0	82.8	87.0	.929	81	...	...	...	...	...	...	...	7.6	Haze, Dew.			
23	.616	.641	.661	88.0	87.1	83.2	86.2	.943	81	...	...	...	...	...	...	...	7.6	Haze, Dew.			
24	.705	.727	.770	83.2	83.2	79.3	80.6	.924	86	...	...	...	...	...	...	...	10.0	Lightning.			
25	.737	.730	.740	82.1	83.2	75.8	83.1	.865	86	...	...	...	...	...	...	...	8.5	Thunderstorms.			
26	.703	.703	.699	82.1	82.1	78.1	84.5	.863	89	...	...	...	...	...	...	...	7.0	Thunderstorms.			
27	.715	.713	.722	84.4	84.6	79.3	83.7	.889	86	...	...	...	...	...	...	...	9.5	Thunderstorms.			
28	.719	.707	.723	84.4	84.4	80.3	84.0	.899	85	...	...	...	...	...	...	...	9.8	Thunderstorms.			
29	.722	.695	.732	86.9	86.9	81.6	84.0	.895	83	...	...	...	...	...	...	...	9.6	Thunderstorms.			
30	.718	.766	.786	89.1	82.5	78.7	87.4	.902	80	...	...	...	...	...	...	...	9.6	Thunderstorms.			
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Lightning.		
Mean	29.728	29.729	29.733	80.7	86.6	80.9	84.2	0.899	83	19.6	7.3	20.7	11.7	16.3	5.5	8.0	11.540	Thunder.			

In reducing the barometer readings to gravity at latitude 45°, a constant correction of -0.035 inch has been applied.



Station: Royal Observatory, Hongkong.

1917.

Long. 7<sup>h</sup>. 36<sup>m</sup>. 41<sup>s</sup>. 8 E.

Height above M.S.L. 109 ft.

Month of August.

Lat. 22° 18' 13.2" N.

( Z b 8 )

Day.	Barometer at M.S.L. and reduced to gravity at latitude 45°.			Air Temperature.				Tension of Vapour.	Relative Humidity.	Wind. Direction and Force.			Amount of Cloud.	Rainfall.	Remarks.		
	7 a.	1 p.	9 p.	7 a.	1 p.	9 p.	Max.	Min.	Daily Means.	Dir. points	Vel. m.p.h.	Dir. points				Vel. m.p.h.	Daily Means.
1917.																	
Aug.	ins.	ins.	ins.	°	°	°	°	in.	%	Dir. points	Vel. m.p.h.	Dir. points	Vel. m.p.h.	(0-10).	ins.		
1	29.601	29.582	29.611	78.6	84.6	81.6	87.4	0.913	85	...	1	24	6	6.3	0.580	Lunar corona, Dew, Lightning.	
2	.615	.620	.666	81.5	84.2	81.7	85.7	.936	86	19	6	17	14	9.5	0.455	Thunderstorms.	
3	.653	.680	.666	81.9	82.9	81.5	88.8	.936	84	17	5	23	13	8.1	...	Lunar corona.	
4	.662	.644	.651	80.3	87.8	82.0	88.9	.953	85	...	1	17	7	7.1	...	Lunar halo, Dew.	
5	.657	.666	.660	80.8	83.5	80.9	85.6	.909	84	9	3	8	18	8.2	0.145	Solar halo, Lunar halo, Rainbow.	
6	.621	.609	.624	79.2	81.8	80.3	83.7	.882	86	10	14	13	22	9.2	0.865	Solar halo, Unusual visibility, Rainbow.	
7	.655	.693	.734	79.2	82.5	76.4	83.9	.852	83	16	18	16	17	9.9	0.790	Unusual visibility.	
8	.764	.785	.835	79.3	83.3	80.0	85.2	.875	84	14	14	12	17	8.9	0.055	Unusual visibility, Dew, Rainbow.	
9	.854	.863	.881	79.3	84.5	80.7	87.0	.880	84	7	8	9	14	5.0	0.340	Solar halo, Dew, Lightning.	
10	.866	.849	.806	77.5	85.9	81.0	87.8	.897	83	...	10	10	14	3.6	...	Dew, Thunder.	
11	.795	.747	.713	80.1	88.0	83.9	89.8	.920	79	26	4	23	11	1.7	...	Dew, Thunderstorms.	
12	.691	.649	.594	83.0	87.9	80.5	88.1	.925	84	9	8	26	14	6.4	1.405	Dew, Thunderstorms.	
13	.328	.249	.639	79.3	76.0	77.8	74.8	.799	80	29	33	19	38	8.9	4.310	Lightning.	
14	.659	.703	.732	75.5	84.6	80.2	87.6	.744	87	...	1	15	7	7.1	0.600	Solar halo.	
15	.757	.768	.787	80.8	84.0	81.0	87.1	.936	84	9	3	10	10	4.3	...	Solar halo, Dew.	
16	.744	.716	.736	79.6	87.6	81.8	89.2	.928	83	23	7	23	10	4.4	...	Solar halo, Dew, Lightning.	
17	.709	.669	.647	79.5	86.6	81.8	86.7	.877	80	7	6	24	7	4.0	...	Lightning.	
18	.562	.516	.491	81.2	87.0	84.4	88.2	.930	79	25	11	23	10	1.6	...	Solar halo.	
19	.494	.483	.518	82.4	87.4	85.2	88.7	.893	74	26	9	23	16	2.0	...	Solar corona, Lightning.	
20	.534	.547	.634	78.4	84.5	78.8	86.7	.917	87	17	2	16	8	9.4	0.300	Thunderstorms.	
21	.669	.705	.764	79.4	86.4	79.2	89.3	.891	86	...	1	...	1	6.3	0.355	Dew, Lightning, Thunder.	
22	.773	.847	.833	80.4	77.2	78.1	81.6	.902	91	28	2	25	7	8.8	1.425	Dew, Thunderstorms.	
23	.830	.830	.862	77.4	84.0	81.3	86.0	.911	87	27	2	20	8	6.1	0.325	Solar halo, Thunderstorms.	
24	.857	.850	.845	81.1	87.7	82.9	89.2	.939	82	27	2	20	8	5.8	...	Thunder.	
25	.824	.831	.822	82.8	87.3	82.2	88.2	.905	78	21	5	20	11	5.0	...	Dew, Lightning.	
26	.800	.798	.765	82.7	87.0	81.9	88.5	.886	77	19	5	21	10	3.2	...	Dew.	
27	.791	.808	.828	79.8	87.0	81.3	88.3	.874	77	...	1	24	8	1.2	...	Solar corona, Lunar halo.	
28	.822	.831	.797	80.2	86.9	81.9	88.0	.915	81	26	3	24	11	1.5	...	Lunar halo, Dew, Solar halo.	
29	.798	.762	.727	81.0	89.5	81.8	90.5	.926	79	...	...	23	10	1.7	...	Solar corona, Dew.	
30	.722	.733	.734	78.6	86.9	81.8	87.7	.890	80	...	...	24	10	3.2	...	Solar corona, Dew.	
31	.734	.731	.753	79.7	86.7	80.7	87.0	.896	82	...	1	9	12	2.2	...	Dew.	
Means	29.705	29.703	29.721	80.0	85.2	81.1	87.2	0.904	83	23.4	5.7	21.2	11.9	20.2	5.5	11.950	

In reducing the barometer readings to gravity at latitude 45°, a constant correction of -0.055 inch has been applied.

Day.	Barometer at M.S.L. and reduced to gravity at latitude 45°.				Air Temperature.				Tension of Vapour.	Relative Humidity.	Wind. Direction and Force.			Amount of Cloud.	Rainfall.	Remarks.				
	7 a.	1 p.	9 p.	Ins.	7 a.	1 p.	9 p.	Max.			Min.	Daily Means.	Direction and Force.							
													7 a.				1 p.	9 p.	Dir. points.	Vel. in p.h.
1917.																				
Sept.																				
1	29.754	29.748	29.745	Ins.	81.0	85.7	81.0	86.5	78.9	81	7	6	13	18	11	5	1.9	Unusual visibility, Dew.		
2	.740	.698	.689		80.3	86.9	82.8	87.3	78.5	79	...	9	17	9	14	3.1	...	Unusual visibility, Dew.		
3	.641	.649	.676		82.7	86.0	81.1	86.1	77.8	81	7	19	8	22	8	16	8.5	...	Lunar corona, Rainbow, Thunderstorms.	
4	.643	.668	.691		81.0	80.8	80.9	85.0	78.8	84	9	17	8	15	10	16	8.5	0.420	...	
5	.704	.724	.774		79.8	84.4	80.7	85.8	79.1	85	10	11	11	16	7	11	6.5	0.345	...	
6	.778	.787	.798		81.3	85.6	80.4	86.3	78.9	82	8	6	8	16	...	1	4.2	0.180	...	
7	.746	.723	.749		79.2	85.1	81.6	88.0	77.5	82	...	...	...	...	...	...	4.6	0.065	...	
8	.722	.716	.743		79.4	86.4	82.8	87.3	77.7	82	...	...	...	...	...	...	4.2	...	...	
9	.751	.744	.825		80.6	87.9	82.4	88.8	80.4	77	...	...	...	...	...	...	4.1	...	...	
10	.784	.795	.774		79.8	87.4	81.2	88.9	79.5	75	32	5	8	13	12	2	4.1	...	...	
11	.783	.801	.774		80.0	84.6	82.3	88.2	78.5	67	2	4	2	8	30	2	4.3	...	...	
12	.699	.669	.673		81.8	86.6	83.5	88.7	81.0	65	32	6	26	11	25	7	4.7	...	...	
13	.728	.761	.814		79.8	87.3	82.9	89.2	79.1	72	...	...	...	...	...	...	3.9	...	...	
14	.809	.811	.886		80.3	86.5	77.5	87.7	76.4	83	...	...	...	...	...	...	3.8	...	...	
15	.869	.851	.880		78.0	85.5	80.2	87.4	76.3	81	...	...	...	...	...	...	3.8	...	...	
16	.867	.869	.857		78.7	86.2	80.2	87.1	77.0	81	...	...	...	...	...	...	5.3	0.280	...	
17	.841	.851	.880		81.6	85.1	81.5	86.8	78.7	81	...	...	...	...	...	...	2.9	...	...	
18	.893	.892	.933		81.6	86.2	81.8	86.9	79.3	79	...	...	...	...	...	...	3.1	0.010	...	
19	.925	.935	.907		81.0	86.8	81.7	87.7	80.0	77	...	...	...	...	...	...	1.5	...	...	
20	.913	.893	.918		79.5	87.7	82.7	89.9	78.7	77	...	...	...	...	...	...	2.0	...	...	
21	.910	.912	.906		81.8	77.6	81.9	84.7	74.5	77	...	...	...	...	...	...	4.3	...	...	
22	.883	.874	.882		79.3	84.1	80.2	85.3	76.3	76	6	15	9	20	7	28	7.2	1.040	...	
23	.844	.848	.860		77.3	83.8	79.3	85.5	74.3	76	5	8	9	20	8	5	6.7	...	...	
24	.869	.874	.873		78.3	82.5	79.6	83.9	77.4	80	...	...	...	...	...	...	6.9	0.960	...	
25	.857	.832	.863		79.2	84.6	81.3	86.1	79.1	76	1	4	5	8	17	6	15	8.6	0.015	...
26	.849	.852	.912		79.3	85.4	82.1	86.3	78.2	73	4	15	8	17	7	15	7.0	...	...	
27	.871	.860	.857		80.3	85.1	81.6	85.6	79.9	75	4	12	8	20	7	18	6.2	...	...	
28	.822	.784	.809		80.2	82.1	80.7	83.8	80.1	75	7	20	10	19	9	11	6.2	...	...	
29	.790	.789	.811		79.7	82.8	79.6	84.0	76.9	81	7	10	10	16	10	4	6.1	0.185	...	
30	.820	.828	.878		75.8	83.3	78.7	84.5	74.8	78	1	10	10	18	7	11	5.0	1.265	...	
Means	29.803	29.801	29.823		80.0	85.0	81.1	86.6	78.1	77	7.0	6.7	10.0	14.8	8.9	8.4	5.0	Sums.	4.880	

In reducing the barometer readings to gravity at latitude 45°, a constant correction of -0.055 inch has been applied.



Day.	Barometer at M.S.L. and reduced to gravity at latitude 45°.			Air Temperature.				Tension of Vapour.	Relative Humidity.	Wind. Direction and Force.			Amount of Cloud.	Rainfall.	Remarks.	
	7 a.	1 p.	9 p.	7 a.	1 p.	9 p.	Min.			Max.	Direction and Force.					
											7 a.	1 p.				9 p.
1917.																
Nov.	ins.	ins.	ins.	°	°	°	°	in.	%	Dir. points	Vel. m.p.h.	Dir. points	Vel. m.p.h.	(9-10).	ins.	
1	29.879	29.832	29.864	73.2	77.9	74.9	72.3	0.769	88	8	10	9	17	5.9	0.095	
2	.866	.855	.888	75.1	81.2	75.7	74.7	.809	86	9	7	9	8	4.6	...	Lunar coronis, Dew.
3	.944	.932	.983	73.4	81.5	75.0	73.0	.726	81	...	...	10	7	8.1	...	
4	30.025	30.063	30.063	69.7	80.8	73.6	69.6	.578	67	1	9	22	5	3.8	...	
5	.113	.088	.097	68.0	74.0	72.8	67.8	.532	69	1	12	4	8	9.7	...	Lightning.
6	.129	.101	.124	68.3	73.8	72.1	68.2	.565	73	32	12	7	7	9.8	...	
7	.143	.101	.128	69.5	73.7	71.8	69.3	.565	73	6	21	9	20	7.7	...	
8	.108	.055	.075	70.3	75.7	72.6	69.9	.578	72	4	3	5	10	9.0	...	
9	.127	.011	.070	67.1	74.2	69.0	66.9	.540	71	2	10	8	8	7.5	...	
10	.127	.093	.134	62.5	68.4	64.6	62.0	.311	49	32	10	1	21	2.5	...	
11	.161	.122	.158	58.8	66.0	63.0	58.2	.311	49	2	10	1	10	3.6	...	
12	.173	.111	.149	59.8	67.9	64.7	59.0	.233	39	1	10	8	11	3.7	...	
13	.172	.120	.152	59.8	68.8	66.5	59.8	.331	53	1	3	9	15	0.5	...	
14	.110	.049	.061	66.2	72.0	68.0	65.5	.388	56	5	14	11	8	8.6	...	
15	.081	.017	.050	65.9	73.3	68.6	65.5	.276	39	1	16	2	7	4.9	...	
16	.089	.032	.086	62.6	67.9	65.9	61.8	.245	39	2	7	9	11	7.9	...	
17	.102	.000	.029	64.7	70.5	65.8	64.4	.335	50	1	4	11	6	5.9	...	
18	.064	.036	.086	63.9	69.9	67.7	63.4	.240	36	2	9	2	9	7.9	...	
19	.112	.044	.106	61.2	70.0	66.8	61.1	.136	21	2	14	2	14	2.7	...	
20	.146	.113	.145	58.9	68.3	62.9	58.8	.202	34	1	19	9	7	10.0	...	Lunar halo.
21	.177	.146	.170	57.6	67.1	64.6	57.1	.296	50	1	7	10	13	2.0	...	Dew.
22	.154	.084	.124	61.1	68.7	64.9	60.9	.405	66	5	9	11	13	2.7	...	
23	.088	.034	.042	62.5	69.7	64.9	62.4	.474	74	7	9	10	15	0.2	...	
24	.056	.014	.047	64.8	70.0	66.5	64.2	.513	78	6	13	10	21	0.5	...	
25	.047	.120	.034	66.3	71.9	67.1	66.1	.501	72	8	15	10	19	2.9	...	
26	.022	29.982	.049	67.3	74.7	69.0	66.5	.518	72	8	10	10	18	6.7	...	Lunar halo.
27	.055	30.033	.107	68.3	70.0	65.9	65.6	.462	67	2	9	9	21	7.8	...	Lunar halo.
28	.161	.109	.160	60.2	67.8	65.1	60.1	.388	64	1	13	2	9	9.9	...	
29	.153	.129	.163	63.5	69.0	64.8	63.1	.424	67	2	4	10	11	5.5	...	
30	.131	.101	.093	64.2	66.9	64.3	64.1	.407	66	6	15	9	17	10.0	...	
Means	30.089	30.046	30.080	65.2	71.7	68.0	64.7	0.431	60	3.6	10.6	9.0	12.2	5.6	Sums.	
														0.095		

In reducing the barometer readings to gravity at latitude 45°, a constant correction of -0.055 inch has been applied.



( Zb 13 )

Station : ROYAL OBSERVATORY, HONGKONG.

$\lambda = 7^{\circ} 36^m 41^{\cdot}86$  E.  $\phi = 22^{\circ} 18' 13''\cdot 2$  N. H = 109 feet.

Month. 1917.	Mean Pressure at M.S.L. and Lat. 45°.	Air Temperature.								Tension of Vapour.	Relative Humidity.
		7a	1p	9p	Mean. †	Means of		Absolute.		Mean.	Mean.
						Min.	Max.	Min.	Max.		
January,.....	ins. 30.183	52.8	59.2	55.2	55.8	51.7	60.7	38.8	70.1	ins. 0.289	% 63
February, .....	.071	56.9	62.6	59.0	59.4	55.3	64.4	45.7	74.0	0.371	72
March, .....	.038	59.6	63.7	61.4	61.6	58.3	65.9	48.4	77.2	0.434	78
April,.....	29.833	68.2	71.0	69.0	69.4	66.4	73.5	59.4	80.6	0.626	86
May, .....	.820	73.1	77.8	73.8	74.8	70.9	79.4	59.7	89.6	0.722	82
June, .....	.723	80.7	84.2	80.9	81.8	78.4	86.6	74.9	89.1	0.899	83
July, .....	.631	79.6	83.8	80.3	81.1	77.7	85.4	73.7	90.8	0.884	83
August, .....	.702	80.0	85.2	81.1	82.0	78.3	87.2	74.4	90.5	0.904	83
September,.....	.802	80.0	85.0	81.1	82.0	78.1	86.6	74.3	89.9	0.848	77
October,.....	.898	74.7	80.1	76.5	77.0	73.8	81.3	66.9	86.8	0.679	73
November, .....	30.066	65.2	71.7	68.0	68.2	64.7	72.7	57.1	82.9	0.431	60
December, .....	.093	56.3	62.5	58.9	59.2	55.2	63.7	46.9	71.7	0.318	60
Year, .....	29.905	68.9	73.9	70.4	71.0	67.4	75.6	38.8	90.8	0.617	75

ht = 4 feet. hr = 1 3/4 feet.

Months.	Cloud.	Bright Sunshine.		Rainfall.		Weather.			Wind.								
	Mean.	Total.	Percent- age of possible.	Total.	Daily Max.	No. of Days of			No. of Days of								
						Rain.	Thunder- storms.	*Gales.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
January, .....	% 56	hours. 169.9	% 50	ins. 0.345	ins. 0.140	5	...	...	10	4	17	...	...	...	...	...	...
February,.....	64	134.5	42	0.405	0.100	8	...	...	3	4	18	...	...	1	...	2	...
March,.....	78	116.9	31	2.670	1.495	9	...	2	3	4	22	...	...	...	1	1	...
April,.....	87	76.9	20	5.230	2.630	16	7	1	2	1	21	2	1	1	2	...	...
May,.....	73	168.6	42	9.685	3.630	14	3	...	...	1	17	5	3	3	2	...	...
June, .....	80	167.8	42	11.540	2.435	28	9	...	...	...	5	3	6	14	2	...	...
July,.....	73	189.5	46	30.075	8.100	15	4	...	...	1	12	4	2	8	4	...	...
August,.....	55	239.6	60	11.950	4.310	14	5	1	...	...	3	6	4	7	10	1	...
September,.....	50	266.5	73	4.880	1.265	12	4	...	...	1	22	3	2	1	...	1	...
October,.....	38	258.8	72	3.470	2.390	6	...	...	...	4	24	2	...	...	1	...	...
November, .....	56	189.2	57	0.095	0.095	1	...	...	6	7	17	...	...	...	...	...	...
December, .....	43	209.0	63	1.140	0.735	3	...	1	7	5	18	...	...	...	1	...	...
Year,.....	63	2187.2	50	81.485	8.100	131	32	5	31	32	196	25	18	35	23	5	...

$\lambda$  = The longitude of the station.  $\phi$  = The latitude of the station. H = Height above mean sea level.  
 ht = Height of the therm. above the ground. hr = Height of the rain-gauge above the ground.

\* Days of gales means days during some hour of which the wind velocity reached or exceeded 40 miles per hour (by Beckley anemograph, factor 3). In the Year 1917 there were no days of snow, hail, or calm. For further particulars see "Monthly Meteorological Bulletins for the year 1917".

† Mean of 24 hourly values.

