

METEOROLOGICAL OBSERVATIONS 1927.

CLIMATOLOGICAL SUMMARY.

STATION : ROYAL OBSERVATORY, HONG KONG.

Temperatures for 24 hours ending Midn.

Lat. 22° 18' N., Long. 114° 10' 19" E.

Height { Site of rain-gauge } H.=103 ft.
 { above Mean Sea-Level }

Heights above ground : Therms. $h_1=5$ ft ; Sun Recorder, $h_2=35$ ft ; Rain-gauge, $h_3=1.5$ ft.

1927.	Air Temperature (in degrees Fahrenheit) from whirling thermometers.								Highest Wet Bulb.		Rainfall.				Weather, No. of Days of						Bright Sunshine.						
	Means of		Max. and Min. Combined.	Excess above Normal.	Absolute Extremes.				Total.	Excess above Normal.	Daily Max.	Day.	Precipitation.	Excess above Normal.	Snow.	Hail.	Thunderstorm.	Fog.	Ground Frost.	Daily Mean.	Total.	Per cent.	Total Possible.				
					Highest Max.	Lowest Day.	Lowest Min.	Highest Day.																Highest Min.			
		Max.	Min.																								
January	64.2	56.3	60.2	-0.1	75.1	15	47.0	23	54.0	23	64.4	7	68.0	7.9	-24.9	3.7	19	4.4	137.5	41	337.6						
February ...	62.2	55.2	58.7	-0.5	74.2	4	45.9	7	52.7	7	61.3	15	68.2	110.5	+67.8	42.8	16	1.5	43.4	14	318.0						
March	63.6	57.0	60.3	-3.2	76.7	13	47.2	3	52.6	3	66.6	13	73.2	115.2	+45.6	39.4	30	2.1	65.7	18	371.6						
April	71.6	64.1	67.8	-3.2	83.6	13	57.5	5	61.4	5	72.3	30	78.1	181.0	+46.7	51.2	20	3.5	105.9	28	379.1						
May	80.5	72.3	76.4	-1.0	89.2	30	66.0	8	67.8	8	76.5	21	81.2	64.6	+34.5	84.3	23	3.8	117.8	29	408.5						
June	85.9	78.7	82.3	+0.8	91.2	26	73.6	9	76.8	10	82.8	23	83.5	296.7	-101.2	77.3	30	6.4	191.9	47	404.0						
July	86.5	78.5	82.5	+0.5	90.5	17	75.4	25	80.4	26	82.3	7	83.1	475.9	+123.5	109.5	1	5.2	161.3	39	412.9						
August	87.5	78.0	82.7	+0.5	93.1	19	73.9	20	83.6	16	80.8	6	85.5	531.0	+156.5	143.5	20	6.8	211.0	53	398.6						
September ...	83.6	76.1	79.8	-1.2	89.4	4	70.3	8	77.9	8	82.7	4	82.9	156.6	-92.5	28.8	5	4.9	147.1	40	367.1						
October	79.6	70.9	75.2	-1.6	88.3	6	60.3	15	68.7	15	78.5	6	80.0	137.7	+10.1	59.7	12	7.5	232.8	65	359.2						
November ...	75.9	67.1	71.5	+1.8	82.4	4	58.7	30	68.0	30	71.7	2	74.2	46.4	+2.2	38.7	20	7.7	231.4	70	330.8						
December ...	70.2	61.9	66.0	+2.9	79.9	6	49.1	9	63.0	30	69.2	6	70.0	34.8	+7.2	20.8	7	5.7	176.1	53	332.6						
Totals.													2740.0	+586.2	May 23			158	+16	...	39	46	...	1821.9	41	4420.0	
Means.													184.3			May 23			5.0			.					
Extremes.																											

The Royal Observatory is situated on a hillock, 100 feet high, near the southern extremity of the Kowloon Peninsula, about 1000 yards from the harbour to the South, 500 yards from the east side of the peninsula and 900 yards from the west side. The surrounding country is flat, except to the North, where a range of hills from 200 to 400 feet high stretches across the peninsula a mile from the Observatory. From 3 to 20 miles farther North the ground is hilly over the greater part of the peninsula with peaks from 2000 to 3000 feet high. Five miles to the eastward of the Observatory, where another small peninsula projects southward, is a range of hills from 700 to 1000 feet high. To the westward of the Observatory, the hills on Lantau Island, 10 miles distant, rise to 3000 feet.

SUMMARY OF OBSERVATIONS AT FIXED HOURS. YEAR 1927.

Temperature Scale used below ... Fahrenheit.

STATION : ROYAL OBSERVATORY, HONG KONG.

Lat. 22° 18' N. Long. 114° 10' 30" E.

Hours of Observations, $\left\{ \begin{array}{l} \text{I } 7^{\text{h.}} 00^{\text{m.}} \\ \text{II } 13^{\text{h.}} 00^{\text{m.}} \\ \text{III } 21^{\text{h.}} 00^{\text{m.}} \end{array} \right\}$ Standard Time of 120 th Meridian.				Barometer.		Rotating Thermometers.		Rain-gauge.		Anemometer.																	
Height above M.S.L.....				Cistern 109 ft.		Site 103 ft.		Site 103 ft.		Head 150 ft.																	
Height above ground				4 ft.		Bulbs 60 ins.		Rim 18 ins.		Head 45 ft.																	
1927.	Mean Pressure, (24 observations daily)		Temperature.			Humidity.			Amount of Cloud, 0—100.		Number of Days of		Wind, Number of Hours of (24 observations daily)														
	At Station Level.	Excess above Normal.	I	II	III	Depression of Wet-Bulb.			Vapour Pressure.			Percentage.			Clear Sky.*	Wind Force 8 and above.	Strong Wind (4—7).	Calm.	N.	NE.	E.	S.E.	S.	SW.	W.	NW	
						I	II	III	I	II	III	I	II	III													
millibar	m.b.	°	°	°	°	°	°	°	m.b.	m.b.	m.b.	%	%	%	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	
January,	1015.0	— 0.7	57.6	62.6	59.2	3.7	6.0	3.9	12.6	13.1	13.3	77	67	77	77	60	62	36	126	143	383	21	5	9	15	6	
February,	1013.8	— 0.7	56.9	60.4	58.1	2.9	4.7	3.2	13.1	13.2	13.4	82	73	80	95	89	92	25	116	120	347	12	4	9	23	16	
March,	1011.1	— 1.0	58.5	62.1	60.0	3.1	4.2	2.9	13.7	14.7	14.8	81	76	83	91	86	92	19	140	154	413	10	10	2	19	27	
April,	1008.2	— 0.5	66.0	69.8	66.5	2.6	4.6	2.5	18.8	19.2	19.3	86	77	87	90	77	78	41	29	60	493	14	22	10	27	24	
May,	1004.8	— 0.6	73.8	78.4	74.8	1.9	4.5	2.5	25.7	26.3	25.8	91	80	88	85	81	79	20	59	11	55	427	30	23	47	58	
June,	1002.0	— 0.1	80.3	84.5	80.8	2.9	5.4	3.0	30.5	31.1	30.8	87	77	87	77	75	78	12	37	2	36	251	21	170	124	70	
July,	1000.4	— 0.6	80.6	84.8	80.8	2.8	5.5	3.0	30.9	31.3	31.0	88	77	87	84	83	70	14	79	16	44	195	92	165	62		
August,	999.7	— 1.4	80.3	85.4	80.9	2.3	5.5	3.0	31.3	32.0	31.0	90	78	87	77	72	57	8	108	15	33	120	64	136	65		
September,	1006.0	+ 1.5	77.9	81.9	78.3	3.8	6.5	3.7	26.9	26.9	27.4	83	73	83	83	80	71	19	71	25	149	279	26	61	86		
October,	1010.8	+ 0.9	72.4	78.4	74.0	5.0	8.5	5.5	21.0	21.5	21.7	76	63	74	47	44	45	1	49	121	156	325	41	19	11		
November,	1012.8	— 0.8	67.8	75.1	70.1	6.0	10.5	6.4	16.0	15.9	17.1	70	54	68	43	36	34	1	62	137	152	301	47	1	9		
December,	1014.6	— 1.1	63.3	68.5	64.8	4.3	7.1	4.2	15.2	15.4	16.2	76	65	77	63	56	53	11	42	154	148	315	20	8	14	35	
Total,			69.6	74.3	70.7	3.4	6.1	3.6	21.3	21.7	21.8	82	72	81	76	70	68	40	186	3	224	892	1200	3849	398	624	456
Means,		1008.3	— 0.4																							500	213

* On a day of clear sky the mean cloud amount at hours of observation < 20; on an overcast day > 80. The sign ... indicates zero.