

METEOROLOGICAL OBSERVATIONS 1934.

CLIMATOLOGICAL SUMMARY.

STATION : ROYAL OBSERVATORY, HONG KONG.

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

Temperatures for 24 hours ending Midn.

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

Heights above ground : Therms. h₁ = 5 ft ; Sun Recorder. h₂ = 35 ft ; Rain-gauge, h₃ = 1·5 ft.

1934.	Air Temperature (in degrees Fahrenheit) from records of a thermograph, standardized by readings of whirling thermometers.				Highest Wet Bulb.			Rainfall.			Weather, No. of Days of						Bright Sunshine.											
	Means of		Max. and Min. Combined.	Excess above Normal.	Highest Max.	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.						
	Max.	Min.				Lowest Min.	Lowest Day.																Lowest Max.	Highest Min.	Highest Day.			
January	61·1	52·3	56·7	°	8	42·8	25	50·5	3	58·8	3	62·6	m.m.	11·9	- 20·4	4·1	19	5	1	...	...	...	4	...	47	144·8	43	337·6
February ..	66·2	56·0	61·1	+1·0	22	47·2	28	57·2	18	60·7	18	67·8	m.m.	38·3	- 6·2	12·2	26	5	3	...	...	...	3	...	6·5	181·9	57	318·0
March.....	68·9	59·4	64·1	+0·4	28	49·8	15	56·7	25	71·8	25	76·3	m.m.	44·3	- 30·2	15·0	30	12	1	...	1	...	6	...	3·9	119·9	32	371·6
April	72·8	64·9	68·9	- 2·2	27	55·0	16	60·8	2	74·3	29	78·2	m.m.	62·1	- 76·2	23·9	29	15	3	...	...	...	3	...	1·8	54·2	14	379·1
May	81·3	73·8	77·5	- 0·4	21	65·9	13	74·4	20	79·4	24	82·0	m.m.	231·9	- 70·3	129·8	24	12	4	...	...	...	3	...	4·5	139·0	34	408·5
June	86·0	77·1	81·5	0·0	16	74·0	21	81·0	18	81·2	18	82·7	m.m.	637·7	+ 243·4	230·0	22	26	5	...	...	...	12	...	4·7	140·1	35	404·0
July	87·0	78·7	82·9	0·0	18	72·6	29	78·9	19	83·2	19	85·0	m.m.	493·4	+ 112·2	139·9	29	25	6	...	...	...	10	...	5·9	183·2	44	412·9
August	84·9	76·9	80·9	- 1·1	8	72·8	8	77·0	31	80·0	31	84·2	m.m.	618·7	+ 357·6	118·2	18	18	1	...	...	...	3	...	5·9	181·9	46	398·6
September ..	87·0	77·7	82·3	+ 1·4	6	72·1	21	81·0	20	83·3	6	83·2	m.m.	272·3	+ 15·5	73·9	11	15	1	...	...	...	5	...	7·4	221·9	60	367·1
October	79·2	70·6	74·9	- 1·7	2	62·9	17	70·7	2	78·0	2	79·8	m.m.	56·0	- 59·5	18·2	2	11	3	...	...	...	...	...	5·1	159·1	44	359·2
November ..	75·0	65·8	70·4	+ 0·3	6	57·7	28	69·4	28	72·2	6	75·5	m.m.	10·4	- 32·8	4·2	11	5	...	...	...	...	...	4·8	142·7	43	330·8	
December ...	69·2	59·6	64·4	+ 0·5	18	43·2	6	58·1	6	66·3	23	70·8	m.m.	13·6	- 15·6	9·3	31	4	...	...	...	...	...	5·6	173·9	52	332·6	
Totals.	76·5	67·7	72·1	- 0·5	July 18	42·8	Jan. 25	50·5	Jan. 25	85·3	Sept. 6	85·0	2480·6 + 317·5	153	+ 11	...	36	23	...	...	...	...	...	5·1	1842·6	42	4420·0	

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. To the North 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 1934.

STATION: ROYAL OBSERVATORY, HONG KONG.

Lat. 22° 18' N. Long. 114° 10' 19" E.

Temperature Scale used below ... Fahrenheit.

Barometer.	Rotating Thermometers.	Anemometer.	
	Cistern 109 ft. 4 ft.	Site 103 ft. Rim 18 ins. Bulbs 60 ins.	Head 150 ft. Head 45 ft.
Hours of Observations.	Standard Time of 120 th Meridian.	Height above M.S.L.....	
	I 7 ^h . 00 ^m .	Height above ground	
	II 13 ^h . 00 ^m . III 21 ^h . 00 ^m .		

1934.	Mean Pressure. (24 observations daily)		Temperature.			Depression of Wet-Bulb.			Vapour Pressure.			Humidity.			Amount of Cloud. 0-100.			Number of Days of			Wind. Number of Hours of (24 observations daily)												
	At Mean Sea Level.	Excess above Normal.	I	II	III	I	II	III	I	II	III	I	II	III	I	II	III	Clear Sky.*	Overcast Sky.*	Wind Force 8 and above.	Strong Wind (4-7).	Calm.											
																						N.	NE.	E.	SE.	S.	SW.	W.	NW.				
January,	1021.2	+1.4	53.5	59.6	55.0	4.3	6.9	4.7	10.5	11.1	10.8	74	63	72	61	72	66	3	12	...	14	38	183	254	16	...	1	19	10				
February,	1018.9	+0.4	56.8	64.5	59.0	3.6	7.8	4.5	12.5	12.8	12.9	79	62	75	45	52	41	7	7	...	18	25	85	399	54	1	4	17	21				
March,	1015.2	-0.9	61.0	66.7	62.7	3.3	6.2	3.5	15.4	16.0	16.1	82	70	81	79	70	72	5	20	...	13	60	93	124	295	58	72	8	11	23			
April,	1013.3	+0.7	66.8	70.6	67.4	2.5	4.7	2.6	19.8	20.1	20.1	88	78	87	98	90	93	...	27	...	18	34	63	106	380	38	45	17	20	17			
May,	1008.8	-0.3	75.1	79.3	75.9	3.2	6.1	3.8	25.5	25.5	25.3	86	75	83	85	80	79	...	19	...	20	22	5	34	535	50	55	18	21	4			
June,	1008.3	+2.5	79.7	83.8	79.9	2.8	5.1	2.9	30.2	31.3	30.3	88	80	88	85	84	73	...	21	...	14	48	10	27	179	59	149	31	23	4			
July,	1005.5	+0.8	81.0	84.1	81.2	2.8	4.7	3.3	31.6	32.2	31.1	88	82	87	82	85	77	...	21	...	12	40	3	23	350	70	36	119	90	13			
August,	1007.2	+2.4	79.4	83.1	80.0	2.1	4.3	2.7	30.9	31.8	30.7	91	84	89	66	71	55	2	14	...	17	73	8	41	323	80	40	16	93	20			
September,	1007.2	-1.2	80.0	84.8	81.3	3.4	6.8	4.3	29.7	29.9	29.8	86	74	82	62	59	48	2	9	...	15	58	35	92	321	48	20	27	94	25			
October,	1014.8	+1.0	72.6	77.4	73.9	5.1	7.4	5.5	21.2	22.1	21.7	77	69	76	77	56	62	2	16	...	23	26	185	117	364	43	...	...	8	1	
November,	1017.1	-0.4	67.2	73.1	68.8	3.9	6.7	4.6	18.4	19.6	18.8	81	71	78	75	62	62	3	13	...	15	40	149	121	323	34	5	5	30	13			
December,	1019.3	-0.3	60.6	67.0	62.5	3.7	6.6	4.1	15.0	15.7	15.4	79	68	78	62	46	51	7	9	...	25	28	137	49	426	68	7	12	10	10			
Totals,																		31	188	...	204	492	977	1002	4199	618	430	416	446	180			
Means,	1013.1	+0.6	69.5	74.5	70.6	3.4	6.1	3.9	21.7	22.3	21.9	83	73	81	75	67	65																

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