

# **Appendix D**

## **Meteorological Data Extracted from Hong Kong Observatory**

## Dali Extract of Meteorological Observations, November 2019

Day	Hong Kong Observatory								King's Park	Waglan Island <sup>4</sup>	
	Mean Pressure (hPa)	Air Temperature			Mean Dew Point (deg. C)	Mean Relative Humidity (%)	Mean Amount of Cloud (%)	Total Rainfall (mm)	Total Bright Sunshine (hours)	Prevailing Wind Direction (degrees)	Mean Wind Speed (km/h)
		Absolute Daily Max (deg. C)	Mean (deg. C)	Absolute Daily Min (deg. C)							
01	1015.7	29.3	25.7	24.0	20.4	73	49	0.0	9.7	---	---
02	1014.6	28.2	25.3	23.9	20.3	74	31	0.0	9.6	---	---
03	1013.9	28.8	25.7	23.8	20.7	74	48	0.0	9.3	---	---
04	1014.5	28.6	25.0	22.8	15.5	56	28	0.0	9.5	---	---
05	1013.4	27.4	23.9	21.6	14.5	56	11	0.0	10.2	---	---
06	1012.0	26.5	23.8	22.3	17.7	69	47	0.0	9.0	---	---
07	1013.7	26.9	23.8	21.4	14.3	56	32	0.0	10.1	---	---
08	1017.0	26.8	23.3	20.8	12.5	51	21	0.0	10.2	---	---
09	1017.6	26.0	22.7	20.4	15.0	62	33	0.0	10.1	---	---
10	1016.1	26.7	22.7	20.6	16.7	70	16	0.0	10.1	---	---
11	1014.7	26.8	23.1	20.9	17.7	72	32	0.0	10.2	---	---
12	1016.4	26.2	23.3	22.3	19.2	78	70	0.0	4.6	---	---
13	1018.3	26.8	24.1	22.3	19.4	75	39	0.0	9.0	---	---
14	1018.9	26.9	23.0	21.1	15.7	64	42	0.0	8.6	---	---
15	1016.9	25.7	22.8	21.5	16.9	70	29	0.0	9.8	---	---
16	1015.7	25.6	22.5	21.5	16.0	76	33	0.0	6.6	---	---
17	1015.0	26.5	23.4	21.4	19.5	79	18	0.0	9.8	---	---
18	1015.7	26.4	24.3	20.6	16.1	69	18	0.0	9.9	---	---
19	1018.4	22.7	20.5	17.9	13.3	63	49	0.0	4.3	---	---
20	1019.5	24.0	21.1	19.4	14.6	66	56	0.0	6.3	---	---
21	1018.9	25.2	21.7	19.2	15.0	66	16	Trace	10.0	---	---
22	1017.1	26.3	22.3	19.6	15.3	66	14	0.0	10.0	---	---
23	1016.9	26.9	23.3	21.4	19.2	78	44	0.0	8.7	---	---
24	1017.5	27.4	23.4	21.1	15.1	77	24	0.0	9.9	---	---
25	1019.6	26.6	23.8	22.4	18.7	73	58	0.0	8.2	---	---
26	1020.7	23.4	22.0	21.0	17.5	76	88	Trace	0.9	---	---
27	1020.0	24.8	22.3	21.1	16.2	78	53	0.0	9.0	---	---
28	1021.9	23.1	20.3	18.0	12.5	61	41	0.0	9.8	---	---
29	1022.3	22.6	19.7	17.0	13.0	65	48	0.0	9.6	---	---
30	1020.4	23.8	20.4	17.9	14.9	71	34	0.0	9.8	---	---
Mean/Total	1017.1	26.1	23.0	21.0	16.8	69	37	Trace	263.0	---	---
Normal <sup>7</sup>	1017.7	24.1	21.8	19.8	16.0	71	54	37.6	180.1	080	27.0

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<sup>4</sup> Information of wind direction and wind speed for Waglan Island are based on automatic weather station data since January 1989

Trace means rainfall less than 0.05 mm

<sup>7</sup> 1981-2010 Climatological Normal, unless otherwise specified

## Daily Extract of Meteorological Observations, December 2019

Day	Hong Kong Observatory								King's Park	Waglan Island <sup>^</sup>	
	Mean Pressure (hPa)	Air Temperature			Mean Dew Point (deg. C)	Mean Relative Humidity (%)	Mean Amount of Cloud (%)	Total Rainfall (mm)	Total Bright Sunshine (hours)	Prevailing Wind Direction (degrees)	Mean Wind Speed (km/h)
		Absolute Daily Max (deg. C)	Mean (deg. C)	Absolute Daily Min (deg. C)							
01	1018.3	25.5	21.5	18.8	15.5	69	8	0.0	9.6	***	***
02	1021.6	20.3	17.4	15.1	8.0	54	18	0.0	9.3	***	***
03	1023.1	20.1	16.4	13.8	4.7	46	32	0.0	9.7	***	***
04	1022.9	20.1	17.5	13.9	3.6	40	55	0.0	9.5	***	***
05	1024.8	19.3	15.3	13.1	5.7	54	58	1.4	0.0	***	***
06	1024.7	19.5	16.5	12.7	2.3	39	47	0.3	7.2	***	***
07	1024.8	19.1	16.2	13.2	2.2	39	1	0.0	9.6	***	***
08	1024.8	19.5	15.9	13.0	4.5	47	16	0.0	9.6	***	***
09	1021.6	21.7	17.4	14.7	9.7	62	56	0.0	9.6	***	***
10	1018.6	21.9	18.4	15.7	12.5	69	39	0.0	8.8	***	***
11	1018.4	24.0	19.1	16.5	11.7	64	2	0.0	9.6	***	***
12	1020.9	21.4	19.1	17.4	12.6	67	43	0.0	7.1	***	***
13	1022.4	22.0	19.2	18.0	14.6	75	43	0.0	7.3	***	***
14	1021.7	23.3	19.5	17.6	14.8	75	17	0.0	9.6	***	***
15	1020.0	20.5	19.5	18.5	16.1	81	65	0.0	0.0	***	***
16	1018.1	23.7	21.3	19.7	16.7	76	86	0.0	1.0	***	***
17	1017.7	26.2	23.2	21.2	17.7	71	79	0.0	5.1	***	***
18	1018.1	27.3	22.8	20.0	18.5	77	70	0.0	5.3	***	***
19	1019.8	21.4	19.8	18.8	17.1	84	54	0.1	0.6	***	***
20	1019.6	21.6	19.1	17.7	15.1	78	83	0.7	4.7	***	***
21	1017.8	21.9	19.3	17.0	16.5	84	66	1.4	3.0	***	***
22	1015.8	22.8	20.5	19.2	17.7	84	60	0.0	5.5	***	***
23	1016.7	21.4	20.0	18.9	17.3	85	51	0.0	0.3	***	***
24	1017.9	23.3	20.4	19.0	16.9	80	44	0.0	8.6	***	***
25	1016.4	22.9	20.1	19.0	16.6	80	55	0.0	7.7	***	***
26	1016.3	24.5	21.0	17.5	15.8	73	29	0.0	9.4	***	***
27	1020.3	21.3	18.0	15.6	11.2	65	23	0.0	9.4	***	***
28	1020.2	20.9	18.5	16.8	13.1	72	64	Trace	6.1	***	***
29	1018.3	19.6	18.8	17.9	16.8	88	92	9.3	0.0	***	***
30	1020.0	22.5	20.3	18.8	18.7	91	90	0.3	0.0	***	***
31	1024.9	20.2	19.2	18.0	16.8	86	93	Trace	0.0	***	***
Mean/Total	1020.2	21.9	19.1	17.0	12.9	69	54	13.5	182.2	***	***
Normal <sup>?</sup>	1020.5	20.2	17.9	15.9	11.9	69	52	26.8	172.2	070	26.0

\*\*\* unavailable

<sup>^</sup> Information of wind direction and wind speed for Waglan Island are based on automatic weather station data since January 1980

Trace means rainfall less than 0.05 mm

<sup>?</sup> 1981-2010 Climatological Normal, unless otherwise specified

**Daily Extract of Meteorological Observations, January 2020**

**EXTRACT OF METEOROLOGICAL OBSERVATIONS FOR HONG KONG,  
JANUARY 2020 (Table 2)**

Date January	Number of hours of Reduced Visibility <sup>#</sup> (hours)	Total Bright Sunshine (hours)	Daily Global Solar Radiation (MJ/m <sup>2</sup> )	Total Evaporation (mm)	Prevailing Wind Direction (degrees)	Mean Wind Speed (km/h)
1	0	0.2	4.92	1.6	080	33.5
2	1	3.6	8.36	1.5	050	24.7
3	2	8.9	15.70	2.3	040	21.6
4	1	8.6	15.20	2.2	060	18.4
5	0	6.6	14.66	2.5	060	34.8
6	0	6.7	14.99	2.5	060	24.5
7	0	8.0	13.10	2.3	020	11.8
8	0	8.1	16.17	4.2	010	20.3
9	0	5.0	12.61	2.4	070	35.6
10	0	6.1	12.75	2.2	060	26.3
11	4	7.0	13.60	3.9	040	16.1
12	0	7.9	14.40	2.8	360	24.4
13	0	2.5	10.42	1.5	050	29.8
14	0	9.4	16.17	2.8	060	27.3
15	2	5.8	13.99	2.9	070	37.8
16	7	7.2	15.21	3.1	060	28.0
17	0	0.1	6.34	2.6	010	20.4
18	0	6.5	13.83	2.5	040	25.7
19	2	1.1	9.52	2.7	050	24.8
20	0	2.9	11.06	2.0	020	21.2
21	0	4.9	12.30	2.3	060	33.5
22	3	4.3	11.39	1.5	030	18.5
23	0	7.6	14.44	2.0	020	16.8
24	0	4.6	13.16	2.7	040	26.1
25	1	0.9	8.21	1.5	060	37.5
26	0	1.5	7.59	3.5	360	25.8
27	0	2.7	9.19	2.3	350	28.7
28	0	4.4	10.35	2.4	360	29.3
29	0	7.2	14.87	4.4	360	34.8
30	0	10.2	20.55	4.0	360	31.3
31	0	10.2	19.51	2.4	070	25.2
Mean/Total	23	170.7	12.73	79.5	060	26.3
Normal*	221.9 <sup>§</sup>	143.0	10.17	71.3	060	25.3
Station	Hong Kong International Airport	King's Park		Waglan Island <sup>^</sup>		