

Appendix D Meteorological Data Extracted from Hong Kong Observatory

Extract of Meteorological Observations for Sheung Shui Automatic Weather Station, February 2015 (Table 1)

Date	Mean Pressure at M.S.L. (hPa)	Air Temperature			Mean Dew Point Temperature (deg C)	Relative Humidity		
		Max. (deg C)	Mean (deg C)	Min. (deg C)		Max. (%)	Mean (%)	Min. (%)
Feb 1	1026.6	18.5	14.5	12.3	9.7	93	73	56
Feb 2	1025.5	24.2	16.6	12.7	11.6	92	74	47
Feb 3	1024.5	24.1	17.8	14.9	13.6	89	77	53
Feb 4	1023.7	20.2	16.2	12.7	11.2	93	73	55
Feb 5	1025.8	17.3	12.9	11.4	4.2	66	56	45
Feb 6	1024.8	16.3	12.9	10.1	6.3	77	64	54
Feb 7	1021.8	20.9	16.2	13.7	10.3	81	68	50
Feb 8	1023.8	20.2	15.5	12.6	2.3	67	43	26
Feb 9	1025.2	20.2	14.9	11.6	8.2	83	65	34
Feb 10	1022.1	19.7	14.3	9.8	8.6	92	70	47
Feb 11	1018.9	19.4	15.4	11.1	9.7	88	70	50
Feb 12	1018.4	25.1	16.1	10.2	7.6	92	62	20
Feb 13	1018.3	25.5	16.8	10.0	5.1	87	51	22
Feb 14	1016.7	23.3	19.3	15.1	8.9	73	52	35
Feb 15	1016.3	20.3	19.0	17.6	17.0	98	88	70
Feb 16	1016.6	23.2	19.3	16.2	17.4	99	89	72
Feb 17	1016.6	25.1	18.8	15.5	16.1	99	85	56
Feb 18	1018.8	21.0	18.7	17.1	13.1	91	70	60
Feb 19	1019.8	19.4	17.8	16.9	12.1	82	69	59
Feb 20	1018.0	23.0	18.6	16.2	15.1	88	80	65
Feb 21	1015.2	24.4	20.5	18.2	18.2	94	87	72
Feb 22	1015.7	24.4	20.8	18.8	19.1	98	90	75
Feb 23	1015.1	21.5	19.3	18.4	17.9	99	92	79
Feb 24	1014.3	24.0	20.2	19.0	18.3	95	89	74
Feb 25	1013.7	22.3	20.6	19.6	19.0	97	91	82
Feb 26	1013.8	26.7	22.5	19.6	19.6	97	84	65
Feb 27	1015.5	22.0	19.3	18.3	17.6	96	90	86
Feb 28	1016.9	21.3	19.2	18.2	16.5	94	84	73
Mean	1019.4	21.9	17.6	14.9	12.6	89	75	57
Maximum	1026.6	26.7	22.5	19.6	19.6	99	92	86
Minimum	1013.7	16.3	12.9	9.8	2.3	66	43	20

Extract of Meteorological Observations for Sheung Shui Automatic Weather Station, February 2015 (Table 2)

Date	Total Rainfall (mm)	Prevailing Wind Direction (degrees)	Mean Wind Speed (km/h)
Feb 1	0.0	***	*****
Feb 2	0.0	***	*****
Feb 3	0.0	***	*****
Feb 4	0.0	***	*****
Feb 5	0.0	***	*****
Feb 6	0.0	***	*****
Feb 7	0.0	***	*****
Feb 8	0.0	***	*****
Feb 9	0.0	***	*****
Feb 10	0.0	***	*****
Feb 11	0.0	***	*****
Feb 12	0.0	***	*****
Feb 13	0.0	***	*****
Feb 14	0.0	***	*****
Feb 15	0.5	***	*****
Feb 16	0.0	***	*****
Feb 17	0.0	***	*****
Feb 18	0.0	***	*****
Feb 19	0.0	***	*****
Feb 20	0.0	***	*****
Feb 21	0.0	***	*****
Feb 22	7.0	***	*****
Feb 23	3.5	***	*****
Feb 24	0.0	***	*****
Feb 25	0.0	***	*****
Feb 26	0.0	***	*****
Feb 27	0.0	***	*****
Feb 28	0.0	***	*****
Mean	-----	***	*****
Total	11.0	---	-----
Maximum	7.0	---	*****
Minimum	0.0	---	*****

*** unavailable

missing (less than 24 hourly observations a day)

Rainfall measured in increment of 0.5 mm. Amount of < 0.5 mm cannot be detected

Daily Extract of Meteorological Observations , March 2015 - Sheung Shui

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Day	Mean Pressure (hPa)	Air Temperature			Mean Dew Point (deg. C)	Mean Relative Humidity (%)	Total Rainfall (mm)	Prevailing Wind Direction (degrees)	Mean Wind Speed (km/h)
		Absolute Daily Max (deg. C)	Mean (deg. C)	Absolute Daily Min (deg. C)					
01	1019.8	21.9	18.8	15.4	11.5	64	0.0	***	***
02	1016.3	18.4	17.4	16.8	13.6	79	0.0	***	***
03	1012.2	24.6	19.8	16.3	17.1	84	0.0	***	***
04	1015.3	19.3	16.4	14.3	14.5	88	0.5	***	***
05	1016.1	17.6	16.7	15.8	15.0	90	0.0	***	***
06	1017.0	17.9	17.0	15.1	15.7	92	0.0	***	***
07	1017.9	18.9	16.8	14.1	15.1	90	0.0	***	***
08	1017.6	21.2	19.2	17.5	16.0	82	0.0	***	***
09	1018.4	27.3	20.9	16.2	17.5	82	0.0	***	***
10	1021.9	22.2	18.0	15.8	11.9	68	0.0	***	***
11	1021.9	18.2	16.1	14.7	12.5	79	0.0	***	***
12	1020.9	15.7	14.7	13.3	13.2	91	8.0	***	***
13	1018.9	19.8	17.6	15.4	13.2	75	0.0	***	***
14	1018.2	21.0	19.8	18.1	16.9	83	0.0	***	***
15	1016.1	24.6	22.0	20.3	19.9	88	0.0	***	***
16	1015.2	28.1	23.1	20.6	20.7	87	0.0	***	***
17	1012.5	25.9	23.1	21.7	20.5	86	0.0	***	***
18	1011.2	27.7	24.0	21.9	21.2	85	0.0	***	***
19	1012.7	28.3	24.2	20.6	21.4	85	0.0	***	***
20	1015.0	28.3	23.6	19.8	20.4	84	0.0	***	***
21	1016.4	29.2	22.7	18.4	19.8	85	0.0	***	***
22	1017.5	23.4	21.3	19.8	17.2	78	0.0	***	***
23	1018.6	27.6	21.7	19.4	13.0	58	0.0	***	***
24	1022.3	24.5	20.0	18.3	14.8	73	0.0	***	***
25	1024.0	19.5	18.3	16.9	13.9	76	0.0	***	***
26	1024.1	21.3	19.1	17.3	14.9	77	0.0	***	***
27	1021.6	25.0	20.3	17.5	17.4	84	1.0	***	***
28	1018.1	28.0	21.4	17.4	17.1	78	0.0	***	***
29	1015.9	27.7	21.8	17.5	18.0	80	0.0	***	***
30	1014.4	28.4	24.1	21.2	20.2	80	0.0	***	***
31	1013.4	27.9	24.1	21.2	21.1	84	0.0	***	***

*** unavailable

Rainfall measured in increment of 0.5 mm. Amount of < 0.5 mm cannot be detected

Daily Extract of Meteorological Observations , April 2015

 Year Month

Day	Hong Kong Observatory							
	Mean Pressure (hPa)	Air Temperature			Mean Dew Point (deg. C)	Mean Relative Humidity (%)	Mean Amount of Cloud (%)	Total Rainfall (mm)
		Absolute Daily Max (deg. C)	Mean (deg. C)	Absolute Daily Min (deg. C)				
01	1012.2	27.2	24.4	22.7	22.1	87	80	0.0
02	1008.5	28.5	25.6	23.6	22.5	84	80	0.0
03	1007.6	26.9	25.9	25.0	23.0	84	82	Trace
04	1009.8	29.4	26.5	25.0	23.3	83	74	0.0
05	1011.3	30.6	26.0	24.0	22.1	80	38	0.0
06	1011.4	29.8	26.5	23.8	22.7	80	32	Trace
07	1013.7	27.1	24.9	22.0	21.8	83	81	0.1
08	1018.3	22.1	18.9	16.4	14.8	77	92	10.0
09	1017.8	19.4	18.0	15.9	16.1	89	94	1.3
10	1017.9	20.0	18.2	16.6	16.0	87	90	0.7
11	1019.1	17.9	17.1	16.4	16.6	97	100	52.0
12	1019.6	22.4	19.3	16.5	15.9	81	71	0.2
13	1018.7	27.2	22.4	18.6	13.1	57	9	0.0
14	1018.7	26.6	21.5	18.1	8.3	44	9	0.0
15	1016.1	27.5	22.1	18.4	12.5	56	15	0.0
16	1015.0	26.1	22.7	19.6	16.7	69	25	0.0
17	1012.4	27.4	23.7	20.7	18.8	75	52	0.0
18	1010.1	27.2	25.3	23.2	22.7	86	88	Trace
19	1008.6	27.5	26.6	25.8	23.5	83	88	Trace
20	1008.0	28.6	26.3	23.0	23.4	84	88	0.2
21	1012.7	25.7	23.7	22.5	19.1	75	81	Trace
22	1017.1	26.7	23.3	21.7	18.6	75	81	Trace
23	1018.4	23.6	22.6	22.1	16.0	66	88	Trace
24	1017.6	29.0	24.4	21.6	18.5	70	48	0.0
25	1017.1	27.2	23.9	22.2	19.6	77	52	0.0
26	1016.9	27.9	24.1	22.2	19.5	76	59	0.0
27	1014.3	30.3	24.8	21.8	20.7	79	27	0.0
28	1011.7	28.9	25.4	23.1	21.3	79	58	0.0
29	1011.1	30.1	26.6	24.3	22.7	80	66	0.0
30	1011.0	31.9	27.5	24.9	23.1	78	41	0.0
Mean/Total	1014.1	26.7	23.6	21.4	19.2	77	63	64.5
Normal [§]	1012.9	25.0	22.6	20.8	19.4	83	81	174.7

§ 1981-2010 Climatological Normal