

Appendix D

Meteorological Data Extracted from Hong Kong Observatory

Extract of Meteorological Observations for Sheung Shui Automatic Weather Station, August 2014 (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. (%)
Aug 1	1000.7	36.6	30.4	25.3	25.0	98	74	48
Aug 2	1001.2	35.2	29.7	24.9	25.2	98	79	51
Aug 3	1001.6	34.2	29.4	25.2	25.5	96	81	58
Aug 4	1002.2	34.2	28.9	27.1	26.1	94	85	60
Aug 5	1003.2	33.5	29.5	26.2	25.8	96	81	61
Aug 6	1003.3	31.3	28.5	26.4	26.0	97	87	71
Aug 7	1003.0	32.1	28.3	26.6	25.9	96	87	66
Aug 8	1002.6	34.4	30.0	26.3	25.3	96	77	55
Aug 9	1004.0	34.9	30.0	27.1	25.5	92	78	54
Aug 10	1004.3	34.6	30.5	28.2	25.0	86	73	50
Aug 11	1002.9	33.9	30.0	27.2	25.9	93	79	56
Aug 12	1001.6	33.7	29.2	26.3	26.0	97	84	60
Aug 13	1003.2	26.8	25.9	24.7	25.4	99	97	89
Aug 14	1007.7	31.7	28.0	25.3	25.5	99	87	70
Aug 15	1009.7	34.1	29.3	25.6	25.0	96	79	56
Aug 16	1008.1	34.7	29.8	26.4	24.9	95	76	54
Aug 17	1006.8	35.1	30.0	25.9	24.8	94	75	52
Aug 18	1007.8	34.8	30.4	26.9	24.6	90	73	49
Aug 19	1008.3	34.2	28.0	24.9	25.0	98	85	55
Aug 20	1010.1	27.6	25.0	23.8	24.0	98	94	83
Aug 21	1010.3	32.1	27.5	24.5	24.2	97	83	61
Aug 22	1010.3	32.0	27.7	25.0	24.8	100	85	63
Aug 23	1009.6	32.1	27.4	24.6	25.0	96	87	68
Aug 24	1009.4	34.8	28.7	24.3	24.5	96	80	52
Aug 25	1009.9	35.4	29.1	24.8	24.6	96	78	52
Aug 26	1010.4	35.1	29.9	25.7	24.5	96	75	50
Aug 27	1010.2	32.5	29.8	27.8	24.4	89	74	60
Aug 28	1012.0	33.8	29.7	27.4	25.1	93	77	57
Aug 29	1012.2	36.4	30.3	26.3	24.4	95	73	46
Aug 30	1010.8	35.6	30.2	26.5	24.0	90	71	46
Aug 31	1009.5	32.6	29.4	26.8	25.1	92	78	62
Mean	1006.7	33.5	29.0	25.9	25.1	95	80	59
Maximum	1012.2	36.6	30.5	28.2	26.1	100	97	89
Minimum	1000.7	26.8	25.0	23.8	24.0	86	71	46

Extract of Meteorological Observations for Sheung Shui Automatic Weather Station, August 2014 (Table 2)

Date	Total Rainfall (mm)	Prevailing Wind Direction (degrees)	Mean Wind Speed (km/h)
Aug 1	15.5	***	*****
Aug 2	1.0	***	*****
Aug 3	1.0	***	*****
Aug 4	3.5	***	*****
Aug 5	0.0	***	*****
Aug 6	13.0	***	*****
Aug 7	0.0	***	*****
Aug 8	0.0	***	*****
Aug 9	6.0	***	*****
Aug 10	0.0	***	*****
Aug 11	1.5	***	*****
Aug 12	6.0	***	*****
Aug 13	40.5	***	*****
Aug 14	1.0	***	*****
Aug 15	0.0	***	*****
Aug 16	0.0	***	*****
Aug 17	0.0	***	*****
Aug 18	0.0	***	*****
Aug 19	9.0	***	*****
Aug 20	13.5	***	*****
Aug 21	0.0	***	*****
Aug 22	12.5	***	*****
Aug 23	7.0	***	*****
Aug 24	0.0	***	*****
Aug 25	0.0	***	*****
Aug 26	0.0	***	*****
Aug 27	1.5	***	*****
Aug 28	1.5	***	*****
Aug 29	0.0	***	*****
Aug 30	0.0	***	*****
Aug 31	2.5	***	*****
Mean	-----	***	*****
Total	136.5	---	-----
Maximum	40.5	---	*****
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

Extract of Meteorological Observations for Sheung Shui Automatic Weather Station, September 2014 (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. (%)
Sep 1	1010.2	36.4	30.2	27.0	24.9	92	75	50
Sep 2	1010.5	34.8	29.7	25.4	24.5	94	75	53
Sep 3	1009.1	35.0	30.1	26.0	24.5	93	73	49
Sep 4	1006.8	35.8	28.3	25.0	25.1	97	84	50
Sep 5	1006.9	34.0	29.3	26.6	25.3	95	80	56
Sep 6	1007.5	35.8	29.7	26.2	24.7	93	76	49
Sep 7	1007.4	33.7	29.6	27.9	25.1	89	77	58
Sep 8	1006.8	32.6	28.4	26.4	26.2	95	88	67
Sep 9	1007.6	33.5	28.7	25.6	25.1	97	82	57
Sep 10	1007.8	34.4	29.3	25.8	25.1	95	79	56
Sep 11	1007.7	34.8	29.8	25.9	24.7	96	76	53
Sep 12	1006.4	29.2	27.3	25.8	25.4	97	90	74
Sep 13	1005.7	34.0	29.3	26.2	25.5	99	81	58
Sep 14	1005.9	35.8	29.7	26.6	25.5	95	79	54
Sep 15	1002.0	33.5	29.0	25.7	24.9	97	80	57
Sep 16	1003.7	29.6	27.3	25.3	24.6	95	85	68
Sep 17	1010.9	31.0	27.5	26.2	25.7	96	90	73
Sep 18	1011.7	33.8	29.0	25.1	25.3	98	82	57
Sep 19	1006.5	36.6	29.9	25.5	25.4	97	79	49
Sep 20	1004.2	32.8	29.0	26.5	21.6	89	65	51
Sep 21	1005.5	30.0	27.2	24.4	20.3	81	66	54
Sep 22	1007.1	31.6	27.3	24.5	20.8	87	68	54
Sep 23	1008.5	32.6	27.6	23.5	21.8	88	72	52
Sep 24	1010.9	32.5	27.0	24.2	23.6	94	83	53
Sep 25	1011.9	32.7	27.0	23.8	24.3	96	87	55
Sep 26	1012.2	31.9	27.4	23.9	23.8	97	82	62
Sep 27	1012.7	35.2	28.4	24.0	23.7	96	78	50
Sep 28	1011.9	34.2	28.3	23.9	24.0	95	79	57
Sep 29	1011.1	34.0	28.4	24.3	23.4	96	76	50
Sep 30	1011.0	36.5	28.8	25.1	24.7	95	80	49
Mean	1008.3	33.6	28.6	25.4	24.3	94	79	56
Maximum	1012.7	36.6	30.2	27.9	26.2	99	90	74
Minimum	1002.0	29.2	27.0	23.5	20.3	81	65	49

**Extract of Meteorological Observations for Sheung Shui Automatic Weather Station,
September 2014 (Table 2)**

Date	Total Rainfall (mm)	Prevailing Wind Direction (degrees)	Mean Wind Speed (km/h)
Sep 1	0.0	***	*****
Sep 2	0.0	***	*****
Sep 3	0.0	***	*****
Sep 4	30.5	***	*****
Sep 5	1.0	***	*****
Sep 6	0.0	***	*****
Sep 7	1.5	***	*****
Sep 8	4.0	***	*****
Sep 9	1.5	***	*****
Sep 10	0.0	***	*****
Sep 11	0.0	***	*****
Sep 12	26.0	***	*****
Sep 13	17.0	***	*****
Sep 14	0.0	***	*****
Sep 15	34.5	***	*****
Sep 16	75.5	***	*****
Sep 17	30.0	***	*****
Sep 18	0.0	***	*****
Sep 19	0.0	***	*****
Sep 20	0.0	***	*****
Sep 21	0.0	***	*****
Sep 22	0.0	***	*****
Sep 23	0.0	***	*****
Sep 24	3.0	***	*****
Sep 25	8.0	***	*****
Sep 26	0.0	***	*****
Sep 27	0.0	***	*****
Sep 28	0.0	***	*****
Sep 29	0.0	***	*****
Sep 30	2.0	***	*****
Mean	-----	***	*****
Total	234.5	---	-----
Maximum	75.5	---	*****
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

Extract of Meteorological Observations for Sheung Shui Automatic Weather Station, October 2014 (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. (%)
Oct 1	1012.0	32.9	28.4	25.4	23.8	91	77	56
Oct 2	1010.2	33.9	28.7	25.4	24.7	94	80	58
Oct 3	1009.2	33.5	28.5	25.5	23.9	95	77	50
Oct 4	1010.7	32.2	26.7	24.0	23.5	95	84	60
Oct 5	1012.9	32.6	26.7	23.0	19.7	97	69	34
Oct 6	1015.3	31.3	25.6	21.0	17.9	90	66	38
Oct 7	1014.7	31.2	25.7	22.5	17.1	84	61	41
Oct 8	1013.0	31.0	25.2	20.7	17.6	93	66	36
Oct 9	1010.9	30.8	25.4	21.3	17.7	90	65	38
Oct 10	1010.3	31.6	25.2	20.6	18.2	88	67	42
Oct 11	1011.0	33.9	26.6	22.0	18.8	84	64	41
Oct 12	1013.7	33.3	26.6	22.3	17.6	87	60	35
Oct 13	1016.5	30.9	25.4	20.8	15.7	80	56	40
Oct 14	1017.9	30.1	24.8	21.3	15.3	84	57	41
Oct 15	1017.4	30.8	24.3	18.9	17.3	86	66	43
Oct 16	1017.9	29.0	24.9	21.9	18.3	90	68	46
Oct 17	1017.5	31.4	25.3	22.2	17.5	77	63	38
Oct 18	1016.3	31.9	25.7	21.1	18.5	88	66	38
Oct 19	1015.8	32.8	26.4	23.7	19.9	85	69	42
Oct 20	1014.8	32.1	26.8	23.8	21.4	87	73	52
Oct 21	1015.1	34.0	26.7	22.0	21.2	93	74	46
Oct 22	1015.5	31.6	27.1	24.3	19.2	87	63	48
Oct 23	1016.3	27.5	24.5	21.9	19.9	95	76	60
Oct 24	1016.3	26.2	24.9	24.1	20.2	83	75	66
Oct 25	1016.6	27.6	25.2	23.6	20.4	84	75	62
Oct 26	1016.7	30.7	26.3	23.7	21.0	90	74	51
Oct 27	1016.3	32.1	26.4	23.0	20.9	94	73	45
Oct 28	1016.8	28.9	25.6	23.8	17.7	76	63	43
Oct 29	1016.9	30.4	25.9	23.5	19.5	80	68	51
Oct 30	1015.7	31.8	26.0	23.7	20.4	87	72	50
Oct 31	1014.0	30.7	25.5	23.0	21.3	90	78	56
Mean	1014.6	31.2	26.0	22.7	19.6	88	69	47
Maximum	1017.9	34.0	28.7	25.5	24.7	97	84	66
Minimum	1009.2	26.2	24.3	18.9	15.3	76	56	34

Extract of Meteorological Observations for Sheung Shui Automatic Weather Station, October 2014 (Table 2)

Date	Total Rainfall (mm)	Prevailing Wind Direction (degrees)	Mean Wind Speed (km/h)
Oct 1	0.0	***	*****
Oct 2	0.0	***	*****
Oct 3	0.0	***	*****
Oct 4	8.5	***	*****
Oct 5	0.0	***	*****
Oct 6	0.0	***	*****
Oct 7	0.0	***	*****
Oct 8	0.0	***	*****
Oct 9	0.0	***	*****
Oct 10	0.0	***	*****
Oct 11	0.0	***	*****
Oct 12	0.0	***	*****
Oct 13	0.0	***	*****
Oct 14	0.0	***	*****
Oct 15	0.0	***	*****
Oct 16	0.0	***	*****
Oct 17	0.0	***	*****
Oct 18	0.0	***	*****
Oct 19	0.0	***	*****
Oct 20	0.0	***	*****
Oct 21	0.0	***	*****
Oct 22	0.0	***	*****
Oct 23	1.0	***	*****
Oct 24	0.0	***	*****
Oct 25	0.0	***	*****
Oct 26	0.0	***	*****
Oct 27	0.0	***	*****
Oct 28	0.0	***	*****
Oct 29	0.0	***	*****
Oct 30	0.0	***	*****
Oct 31	0.0	***	*****
Mean	-----	***	*****
Total	9.5	---	-----
Maximum	8.5	---	*****
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