

# **Appendix E**

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

Climatological Information Services &gt; Extracts of Climatological Data &gt; Extract of Automatic Weather Station &gt; Station: Sheung Shui Automatic Weather Station, Year: 2014, Month: December

**Extract of Meteorological Observations for Sheung Shui Automatic Weather Station, December 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. (%)
Dec 1	1017.2	23.8	17.7	13.8	14.0	94	79	63
Dec 2	1020.1	16.3	14.8	13.9	11.3	94	80	70
Dec 3	1017.7	19.3	17.3	14.5	15.5	97	89	78
Dec 4	1022.3	17.3	12.8	11.0	8.8	98	77	58
Dec 5	1022.9	17.2	13.7	11.4	6.3	89	62	41
Dec 6	1020.4	20.7	16.5	12.4	10.4	88	68	49
Dec 7	1019.7	18.3	17.0	15.5	10.3	72	65	59
Dec 8	1021.0	22.8	17.2	13.5	12.0	87	73	50
Dec 9	1021.5	24.9	19.6	15.0	13.3	90	68	45
Dec 10	1019.5	22.6	19.8	17.3	15.4	93	76	61
Dec 11	1020.4	20.4	18.4	15.0	9.6	71	57	49
Dec 12	1025.3	16.5	14.1	12.5	3.1	61	48	32
Dec 13	1026.3	19.7	12.9	9.4	1.7	83	48	31
Dec 14	1023.8	22.1	14.1	9.0	6.5	83	62	33
Dec 15	1021.3	19.7	17.0	13.6	11.0	83	69	51
Dec 16	1025.7	20.8	16.0	13.0	2.9	87	44	22
Dec 17	1028.1	17.1	12.6	9.7	-7.8	39	23	16
Dec 18	1027.0	15.0	12.2	9.3	-0.1	80	45	26
Dec 19	1024.9	13.1	11.5	10.3	9.5	97	88	60
Dec 20	1021.2	22.2	14.4	9.7	6.8	97	62	35
Dec 21	1023.8	20.5	16.1	12.7	5.1	80	50	29
Dec 22	1024.9	19.1	12.7	9.7	1.0	75	47	29
Dec 23	1022.4	15.0	13.5	12.7	7.5	81	68	40
Dec 24	1021.9	22.2	17.7	13.7	12.6	83	73	60
Dec 25	1020.9	18.9	16.9	15.1	12.9	99	79	50
Dec 26	1020.8	17.5	16.1	14.9	14.2	99	89	75
Dec 27	1022.0	16.2	15.5	13.5	13.5	97	88	78
Dec 28	1023.2	15.6	13.3	10.8	10.8	99	86	65
Dec 29	1021.1	21.0	12.6	8.1	5.0	90	63	31
Dec 30	1020.1	22.9	12.2	6.3	6.6	97	74	29
Dec 31	1022.0	24.0	13.5	6.9	5.6	97	67	16
<b>Mean</b>	1022.2	19.4	15.2	12.1	8.2	86	67	46
<b>Maximum</b>	1028.1	24.9	19.8	17.3	15.5	99	89	78
<b>Minimum</b>	1017.2	13.1	11.5	6.3	-7.8	39	23	16

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

Date	Total Rainfall (mm)	Prevailing Wind Direction (degrees)	Mean Wind Speed (km/h)
Dec 1	7.5	***	*****
Dec 2	1.5	***	*****
Dec 3	1.5	***	*****
Dec 4	9.5	***	*****
Dec 5	1.0	***	*****
Dec 6	0.0	***	*****
Dec 7	0.0	***	*****
Dec 8	0.5	***	*****
Dec 9	0.0	***	*****
Dec 10	0.5	***	*****
Dec 11	0.0	***	*****
Dec 12	0.0	***	*****
Dec 13	0.0	***	*****
Dec 14	0.0	***	*****
Dec 15	0.0	***	*****
Dec 16	0.0	***	*****
Dec 17	0.0	***	*****
Dec 18	0.0	***	*****
Dec 19	7.5	***	*****
Dec 20	0.0	***	*****
Dec 21	0.0	***	*****
Dec 22	0.0	***	*****
Dec 23	0.0	***	*****
Dec 24	0.0	***	*****
Dec 25	3.0	***	*****
Dec 26	2.0	***	*****
Dec 27	3.0	***	*****
Dec 28	3.0	***	*****
Dec 29	0.0	***	*****
Dec 30	0.0	***	*****
Dec 31	0.0	***	*****
<b>Mean</b>	-----	***	*****
<b>Total</b>	40.5	---	-----
<b>Maximum</b>	9.5	---	*****
<b>Minimum</b>	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