

# **Appendix E**

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

# Daily Extract of Meteorological Observations , October 2017

| Day        | Hong Kong Observatory |                             |               |                             |                         |                            |                          |                     | King's Park                   | Waglan Island^                      |                        |
|------------|-----------------------|-----------------------------|---------------|-----------------------------|-------------------------|----------------------------|--------------------------|---------------------|-------------------------------|-------------------------------------|------------------------|
|            | 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         | 1011.7                | 30.1                        | 28.4          | 27.6                        | 25.9                    | 86                         | 80                       | 6.6                 | ***                           | ***                                 | ***                    |
| 02         | 1011.1                | 32.7                        | 29.2          | 26.4                        | 26.0                    | 83                         | 66                       | 3.6                 | ***                           | ***                                 | ***                    |
| 03         | 1012.3                | 33.5                        | 30.1          | 28.3                        | 25.8                    | 78                         | 52                       | 0.0                 | ***                           | ***                                 | ***                    |
| 04         | 1014.0                | 31.0                        | 28.7          | 27.5                        | 25.3                    | 82                         | 76                       | 9.5                 | ***                           | ***                                 | ***                    |
| 05         | 1013.3                | 30.3                        | 28.5          | 27.5                        | 23.8                    | 76                         | 76                       | Trace               | ***                           | ***                                 | ***                    |
| 06         | 1013.1                | 31.1                        | 28.9          | 27.4                        | 23.9                    | 75                         | 83                       | 0.2                 | ***                           | ***                                 | ***                    |
| 07         | 1013.0                | 31.7                        | 29.3          | 27.9                        | 24.2                    | 74                         | 76                       | 0.0                 | ***                           | ***                                 | ***                    |
| 08         | 1011.8                | 31.5                        | 28.9          | 27.3                        | 23.9                    | 75                         | 82                       | 0.0                 | ***                           | ***                                 | ***                    |
| 09         | 1010.1                | 30.9                        | 29.4          | 28.1                        | 23.6                    | 71                         | 85                       | Trace               | ***                           | ***                                 | ***                    |
| 10         | 1010.8                | 32.3                        | 29.8          | 28.6                        | 24.5                    | 74                         | 69                       | Trace               | ***                           | ***                                 | ***                    |
| 11         | 1011.2                | 32.5                        | 29.8          | 28.3                        | 24.4                    | 73                         | 43                       | 0.2                 | ***                           | ***                                 | ***                    |
| 12         | 1009.9                | 32.7                        | 29.5          | 27.6                        | 23.1                    | 69                         | 69                       | 0.0                 | ***                           | ***                                 | ***                    |
| 13         | 1007.9                | 30.6                        | 27.0          | 24.5                        | 19.5                    | 64                         | 59                       | 0.0                 | ***                           | ***                                 | ***                    |
| 14         | 1004.5                | 25.6                        | 24.5          | 21.9                        | 18.1                    | 68                         | 88                       | 0.4                 | ***                           | ***                                 | ***                    |
| 15         | 1000.3                | 26.9                        | 23.3          | 20.4                        | 21.3                    | 89                         | 89                       | 20.7                | ***                           | ***                                 | ***                    |
| 16         | 1008.1                | 27.5                        | 26.7          | 25.6                        | 25.0                    | 91                         | 88                       | 17.1                | ***                           | ***                                 | ***                    |
| 17         | 1012.2                | 27.6                        | 25.8          | 24.7                        | 23.4                    | 87                         | 89                       | 41.3                | ***                           | ***                                 | ***                    |
| 18         | 1013.0                | 29.5                        | 26.2          | 24.0                        | 21.1                    | 74                         | 67                       | Trace               | ***                           | ***                                 | ***                    |
| 19         | 1011.9                | 27.9                        | 25.4          | 23.4                        | 19.7                    | 71                         | 70                       | 0.0                 | ***                           | ***                                 | ***                    |
| 20         | 1012.1                | 27.8                        | 24.1          | 22.3                        | 18.1                    | 69                         | 72                       | 0.0                 | ***                           | ***                                 | ***                    |
| 21         | 1012.1                | 27.2                        | 23.6          | 21.6                        | 16.2                    | 64                         | 33                       | 0.0                 | ***                           | ***                                 | ***                    |
| 22         | 1012.4                | 26.3                        | 22.9          | 20.2                        | 14.7                    | 60                         | 9                        | 0.0                 | ***                           | ***                                 | ***                    |
| 23         | 1015.6                | 27.7                        | 23.7          | 20.8                        | 15.9                    | 62                         | 6                        | 0.0                 | ***                           | ***                                 | ***                    |
| 24         | 1018.5                | 27.3                        | 24.4          | 22.5                        | 17.3                    | 65                         | 14                       | 0.0                 | ***                           | ***                                 | ***                    |
| 25         | 1018.8                | 26.4                        | 24.1          | 22.7                        | 18.1                    | 69                         | 18                       | Trace               | ***                           | ***                                 | ***                    |
| 26         | 1016.3                | 28.1                        | 24.4          | 22.1                        | 18.7                    | 71                         | 18                       | 0.0                 | ***                           | ***                                 | ***                    |
| 27         | 1013.9                | 28.6                        | 24.9          | 22.1                        | 16.4                    | 60                         | 40                       | 0.0                 | ***                           | ***                                 | ***                    |
| 28         | 1014.8                | 28.0                        | 24.8          | 22.5                        | 14.9                    | 54                         | 21                       | 0.0                 | ***                           | ***                                 | ***                    |
| 29         | 1018.0                | 27.0                        | 24.1          | 21.7                        | 13.9                    | 53                         | 31                       | 0.0                 | ***                           | ***                                 | ***                    |
| 30         | 1020.9                | 25.0                        | 22.7          | 20.5                        | 13.0                    | 55                         | 55                       | Trace               | ***                           | ***                                 | ***                    |
| 31         | 1019.7                | 25.0                        | 22.0          | 19.0                        | 14.1                    | 61                         | 51                       | Trace               | ***                           | ***                                 | ***                    |
| Mean/Total | 1012.7                | 29.0                        | 26.3          | 24.4                        | 20.4                    | 71                         | 57                       | 99.6                | ***                           | ***                                 | ***                    |
| Normal§    | 1014.1                | 27.8                        | 25.5          | 23.7                        | 20.2                    | 73                         | 58                       | 100.9               | 193.9                         | 080                                 | 27.4                   |

\*\*\* unavailable

^ 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

§ 1981-2010 Climatological Normal, unless otherwise specified