

Appendix 5 Climate data (temperature, precipitation, sun hours) per month from 2016-2020.

| Year | Month | Temp_mean | Temp_sd | Precip_mean | Precip_sd | Sun_mean | Sun_sd |
|------|-------|-----------|---------|-------------|-----------|----------|--------|
| 2016 | Jan | 3.3 | 1.7 | 66.8 | 1.48 | 42.2 | 0.84 |
| 2016 | Feb | 4.8 | 2.4 | 81.9 | 2 | 46.5 | 0.58 |
| 2016 | Mar | 5.6 | -0.8 | 57 | 1.19 | 102.2 | 0.84 |
| 2016 | Apr | 9.5 | -0.8 | 47.1 | 1.12 | 159.6 | 0.9 |
| 2016 | May | 15.1 | 0.4 | 88.7 | 1.41 | 195.6 | 0.93 |
| 2016 | Jun | 18 | 0.2 | 110.6 | 1.91 | 154.5 | 0.71 |
| 2016 | Jul | 20.5 | 0.5 | 47.3 | 0.73 | 200.9 | 0.86 |
| 2016 | Aug | 19.8 | 0.3 | 41.9 | 0.74 | 255.3 | 1.17 |
| 2016 | Sep | 18.8 | 3.6 | 24.4 | 0.46 | 212.5 | 1.36 |
| 2016 | Oct | 9.8 | -0.6 | 47.7 | 0.87 | 67.5 | 0.66 |
| 2016 | Nov | 5.3 | -0.3 | 39.4 | 0.8 | 51.8 | 1.02 |
| 2016 | Dec | 2.5 | 0 | 9.3 | 0.17 | 45 | 1.1 |
| 2017 | Jan | -0.9 | -2.5 | 24.4 | 0.54 | 90.6 | 1.81 |
| 2017 | Feb | 5.2 | 2.8 | 16.7 | 0.41 | 73.3 | 0.92 |
| 2017 | Mar | 9.3 | 2.9 | 42.6 | 0.89 | 154.6 | 1.28 |
| 2017 | Apr | 9.7 | -0.6 | 10.4 | 0.25 | 181.1 | 1.02 |
| 2017 | May | 15.9 | 1.2 | 85 | 1.35 | 217.7 | 1.03 |
| 2017 | Jun | 20.3 | 2.5 | 25.4 | 0.44 | 256 | 1.17 |
| 2017 | Jul | 20.3 | 0.3 | 94.4 | 1.45 | 193.9 | 0.83 |
| 2017 | Aug | 19.5 | 0 | 103.3 | 1.81 | 199.9 | 0.91 |
| 2017 | Sep | 14.1 | -1.1 | 62.5 | 1.18 | 138.3 | 0.89 |
| 2017 | Oct | 11.7 | 1.3 | 33.1 | 0.6 | 98.8 | 0.96 |
| 2017 | Nov | 5.9 | 0.3 | 83.1 | 1.7 | 51.1 | 1 |
| 2017 | Dec | 3.8 | 1.3 | 81.8 | 1.51 | 17.1 | 0.42 |
| 2018 | Jan | 6 | 4.4 | 71.3 | 1.58 | 32.2 | 0.64 |
| 2018 | Feb | 0 | -2.4 | 10.6 | 0.26 | 135.5 | 1.69 |
| 2018 | Mar | 4.8 | -1.6 | 40.4 | 0.84 | 101.4 | 0.84 |
| 2018 | Apr | 14.3 | 4 | 54.1 | 1.29 | 231.5 | 1.3 |
| 2018 | May | 18.2 | 3.5 | 33 | 0.52 | 281 | 1.33 |
| 2018 | Jun | 20.5 | 2.7 | 19.4 | 0.33 | 250.7 | 1.14 |
| 2018 | Jul | 23.2 | 3.2 | 17.1 | 0.26 | 304.3 | 1.31 |
| 2018 | Aug | 22 | 2.5 | 20.3 | 0.36 | 273.8 | 1.25 |
| 2018 | Sep | 16.6 | 1.4 | 26.3 | 0.5 | 221.8 | 1.42 |
| 2018 | Oct | 12.4 | 2 | 7 | 0.13 | 178.9 | 1.74 |
| 2018 | Nov | 7.1 | 1.5 | 25.9 | 0.53 | 82.9 | 1.63 |
| 2018 | Dec | 4.7 | 2.2 | 75.3 | 1.39 | 21.8 | 0.53 |
| 2019 | Jan | 2.1 | 0.5 | 42.3 | 0.94 | 39.8 | 0.8 |
| 2019 | Feb | 4.5 | 2.1 | 10.8 | 0.26 | 136.5 | 1.71 |
| 2019 | Mar | 8.3 | 1.9 | 41.7 | 0.87 | 140.1 | 1.16 |
| 2019 | Apr | 11.7 | 1.4 | 34.5 | 0.82 | 221.1 | 1.24 |
| 2019 | May | 12.7 | -2 | 72.5 | 1.15 | 217.1 | 1.03 |
| 2019 | Jun | 21.4 | 3.6 | 43.6 | 0.75 | 321.6 | 1.47 |
| 2019 | Jul | 21.6 | 1.6 | 43.5 | 0.67 | 273.9 | 1.18 |
| 2019 | Aug | 20.7 | 1.2 | 53.3 | 0.94 | 239.1 | 1.09 |
| 2019 | Sep | 15.5 | 0.3 | 51.4 | 0.97 | 185.3 | 1.19 |
| 2019 | Oct | 11.8 | 1.4 | 78.8 | 1.43 | 80.8 | 0.78 |
| 2019 | Nov | 6.1 | 0.5 | 48 | 0.98 | 41.3 | 0.81 |
| 2019 | Dec | 4.5 | 2 | 65.2 | 1.21 | 56.7 | 1.38 |
| 2020 | Jan | 4.1 | 2.5 | 36.9 | 0.82 | 55.1 | 1.1 |
| 2020 | Feb | 6.5 | 4.1 | 78.9 | 1.92 | 76.8 | 0.96 |
| 2020 | Mar | 7.4 | 1 | 47.9 | 1 | 187.4 | 1.55 |
| 2020 | Apr | 12.9 | 2.6 | 21.8 | 0.52 | 306.7 | 1.72 |
| 2020 | May | 14.2 | -0.5 | 31.1 | 0.49 | 304 | 1.44 |
| 2020 | Jun | 8.6 | 0.8 | 44.4 | 0.77 | 221 | 1.01 |
| 2020 | Jul | 20.6 | 0.6 | 15.5 | 0.24 | 267.9 | 1.15 |
| 2020 | Aug | 21.7 | 2.7 | 47.6 | 0.79 | 210.7 | 0.97 |
| 2020 | Sep | 16.5 | 1.4 | 35.2 | 0.62 | 228 | 1.44 |
| 2020 | Oct | 11.3 | 0.8 | 48.4 | 0.79 | 52.7 | 0.5 |
| 2020 | Nov | 6.4 | 0.7 | 17 | 0.31 | 93.8 | 1.88 |
| 2020 | Dec | 4.1 | 1.5 | 92.1 | 1.49 | 20.3 | 0.51 |