

| Station | Position | | Period of Daily Rain Records | Period of 30,60,120-Min Rain Records | Period of Mean Temperature | Period of Max and Min Temperature | Period of Mean Wind Speed | Period of Max Wind Speed |
|------------------------|----------|-----------|------------------------------|--------------------------------------|----------------------------|-----------------------------------|---------------------------|--------------------------|
| | Lat.(N) | Long. (E) | | | | | | |
| Paya Lebar | 1.3524 | 103.9007 | Jan 1980-current | - | - | Jan 1981-current | Jan 1981- current | Jan 2010-current |
| Macritchie Reservoir | 1.3417 | 103.8338 | Jan 1980-current | Jan 2014-current | - | - | - | - |
| Lower Peirce Reservoir | 1.3701 | 103.8271 | Jan 2010-current | Jan 2014-current | - | - | - | - |
| Tengah | 1.3858 | 103.7114 | Jan 1980-current | - | Aug 1986-current | Jan 1985-current | Jan 1985-current | Jan 2010-current |
| Changi | 1.3678 | 103.9826 | Jan 1981-current | Jan 2014-current | Jan 1982-current | Jan 1982-current | Jan 1983-current | Jan 1983-current |
| Seletar | 1.4166 | 103.8654 | Jan 1980-current | - | Aug 1986-current | Jan 1985-current | Jan 1985-current | Jan 2010-current |
| Pasir Ris (West) | 1.3863 | 103.9412 | Jan 1980-current | Jan 2014-current | - | - | - | - |
| Kampong Bahru | 1.2745 | 103.8280 | Jan 1980-current | Jan 2014-Oct 2016 | - | - | - | - |
| Jurong Pier | 1.3081 | 103.7100 | Jan 1980-current | Jan 2014-current | - | - | - | - |
| Ulu Pandan | 1.3329 | 103.7556 | Jan 1980-current | Jan 2014-current | - | - | - | - |
| Serangoon | 1.3382 | 103.8657 | Jan 1980-current | Jan 2014-current | - | - | - | - |
| Jurong (East) | 1.3262 | 103.7354 | Jan 1980-current | Jan 2014-Aug 2014 | - | - | - | - |
| Mandai | 1.4036 | 103.7898 | Jan 1980-current | Jan 2014-current | - | - | - | - |
| Tai Seng | 1.3399 | 103.8878 | Jan 1980-current | Jan 2014-current | May 2011-current | May 2011-current | May 2011-current | May 2011-current |
| Jurong (West) | 1.3455 | 103.6806 | Jan 1980-current | Jan 2014-current | Mar 2009-current | Mar 2009-current | Mar 2009-current | Mar 2009-current |
| Upper Thomson | 1.3416 | 103.8106 | Jan 1980-current | Jan 2014-current | - | - | - | - |
| Ang Mo Kio | 1.3764 | 103.8492 | Sep 2009-current | Jan 2014-current | Sep 2009-current | Sep 2009-current | Sep 2009-current | Sep 2009-current |
| Clementi | 1.3337 | 103.7768 | Jan 1980-current | Jan 2014-current | Apr 2010-current | Apr 2010-current | Apr 2010-current | Apr 2010-current |
| Admiralty | 1.4439 | 103.7854 | Jan 2009-current | Jan 2014-current | Jan 2009-current | Jan 2009-current | Jan 2009-current | Jan 2009-current |
| Buangkok | 1.3837 | 103.8860 | Jan 1980-current | Jan 2014-current | - | - | - | - |
| Sentosa Island | 1.2500 | 103.8279 | Jan 1980-current | Jan 2014-current | Mar 2010-current | Mar 2010-current | Mar 2010-current | Mar 2010-current |
| Boon Lay (West) | 1.3275 | 103.7042 | Jan 1980-current | Jan 2014-current | - | - | - | - |
| Bukit Panjang | 1.3824 | 103.7603 | Jan 1980-current | Jan 2014-current | - | - | - | - |
| Kranji Reservoir | 1.4387 | 103.7363 | Jan 1980-current | Jan 2014-current | - | - | - | - |
| Tanjong Pagar | 1.2740 | 103.8482 | Jan 1983-current | Jan 2014-Oct 2015 | - | - | - | - |
| Admiralty (West) | 1.4582 | 103.7953 | Jan 2009-current | Jan 2014-current | - | - | - | - |
| Queenstown | 1.2937 | 103.8125 | Jan 1980-current | Jan 2014-current | - | - | - | - |
| Tanjong Katong | 1.3070 | 103.8907 | Jan 1980-current | Jan 2014-current | - | - | - | - |

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| | Lat.(N) | Long. (E) | | | | | | |
| Chai Chee | 1.3277 | 103.9203 | Dec 2009-current | Jan 2014-current | - | - | - | - |
| Upper Peirce Reservoir | 1.3700 | 103.8050 | Feb 2010-current | Jan 2014-current | - | - | - | - |
| Kent Ridge | 1.2923 | 103.7815 | Mar 2009-current | Jan 2014-current | - | - | - | - |
| Somerset | 1.3004 | 103.8372 | Apr 2011-current | Jan 2014-current | - | - | - | - |
| Sembawang | 1.4252 | 103.8202 | Jan 1991-current | - | Jan 1991-current | Jan 1991-current | Jan 1991-current | Jan 2010-current |
| Punggol | 1.4029 | 103.9092 | Jun 2009-current | Jan 2014-current | - | - | - | - |
| Tuas West | 1.3247 | 103.6351 | Mar 2009-current | Jan 2014-current | - | - | - | - |
| Simei | 1.3437 | 103.9444 | Jun 2009-current | Jan 2014-current | - | - | - | - |
| Boon Lay (East) | 1.3302 | 103.7205 | Dec 2009-current | Jan 2014-Dec 2015 | Dec 2009-current | Dec 2009-current | Dec 2009-current | Dec 2009-current |
| Toa Payoh | 1.3415 | 103.8519 | Mar 2010-current | Jan 2014-current | - | - | - | - |
| Tuas | 1.3199 | 103.6616 | Jan 2009-current | Jan 2014-current | - | - | - | - |
| Bukit Timah | 1.3191 | 103.8191 | Mar 2009-current | Jan 2014-current | - | - | - | - |
| Yishun | 1.4301 | 103.8308 | May 2009-current | Jan 2014-current | - | - | - | - |
| Buona Vista | 1.2841 | 103.7886 | Mar 2009-current | Jan 2014-current | - | - | - | - |
| Pasir Ris Central | 1.3679 | 103.9489 | Mar 2010-current | Jan 2014-current | - | - | - | - |
| Jurong (North) | 1.3505 | 103.7134 | Jan 2009-current | Jan 2014-current | - | - | - | - |
| Semakau Island | 1.1890 | 103.7680 | Jan 2009-current | Jan 2014-current | Jan 2009-current | Jan 2009-current | Jan 2009-current | Jan 2009-current |
| Pulau Ubin | 1.4168 | 103.9673 | Jan 2009-current | Jan 2014-current | Jan 2009-current | Jan 2009-current | Jan 2009-current | Jan 2009-current |
| East Coast Parkway | 1.3134 | 103.9619 | Jun 2009-current | Jan 2014-current | Jun 2009-current | Jun 2009-current | Jun 2009-current | Jun 2009-current |
| Marina Barrage | 1.2799 | 103.8703 | Jul 2010-current | Jan 2014-current | Jul 2010-current | Jul 2010-current | Jul 2010-current | Jul 2010-current |
| Choa Chu Kang (West) | 1.3746 | 103.6938 | Jan 1980-current | Jan 2014-current | - | - | - | - |
| Serangoon North | 1.3606 | 103.8697 | Jun 2009-current | Jan 2014-current | - | - | - | - |
| Newton | 1.3106 | 103.8365 | Oct 2009-current | Jan 2014-current | Oct 2009-current | Oct 2009-current | Oct 2009-current | Oct 2009-current |
| Lim Chu Kang | 1.4385 | 103.7013 | Jan 2010-current | Jan 2014-current | - | - | - | - |
| Marine Parade | 1.3065 | 103.9107 | May 2009-current | Jan 2014-current | - | - | - | - |
| Choa Chu Kang (Central) | 1.3819 | 103.7386 | Dec 2009-current | Jan 2014-current | - | - | - | - |
| Tuas South | 1.2938 | 103.6184 | Apr 2011-current | Jan 2014-current | Apr 2011-current | Apr 2011-current | Apr 2011-current | Apr 2011-current |

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| | Lat.(N) | Long. (E) | | | | | | |
| Pasir Panjang | 1.2810 | 103.7540 | Mar 2010-current | Jan 2014-current | Mar 2010-current | Mar 2010-current | Mar 2010-current | Mar 2010-current |
| Jurong Island | 1.2542 | 103.6741 | Aug 2011-current | Jan 2014-current | Aug 2011-current | Aug 2011-current | Aug 2011-current | Aug 2011-current |
| Dhoby Ghaut | 1.2994 | 103.8461 | Sep 2010-current | Jan 2014-current | - | - | - | - |
| Nicoll Highway | 1.3011 | 103.8666 | Sep 2010-current | Jan 2014-current | - | - | - | - |
| Botanic Garden | 1.3087 | 103.8180 | Sep 2010-current | Jan 2014-current | - | - | - | - |
| Choa Chu Kang (South) | 1.3729 | 103.7224 | Apr 2011-current | Jan 2014-current | Apr 2011-current | Apr 2011-current | Apr 2011-current | Apr 2011-current |
| Khatib | 1.4173 | 103.8249 | Oct 2010-current | Jan 2014-current | Oct 2010-current | Oct 2010-current | Oct 2010-current | Oct 2010-current |
| Whampoa | 1.3214 | 103.8577 | Oct 2011-current | Jan 2014-current | - | - | - | - |