**Increased Heat Risk in Wet Climate Induced by Urban Humid Heat**

**List of urban-rural station pairs.** U and R denote urban and rural stations. B denotes built-up fraction within the 1-km radius for urban stations and 3-km radius for rural stations.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Country** | **Data source** | **City** | **Station** | **Type** | **Lat** | **Lon** | **B** | **Obs. period** |
| United States | ISD | Rochester, MN | ST MARY HOSPITAL HELIPORT | U | 44.017 | -92.483 | 0.63 | 2015 - 2019 |
| Rochester, MN | DODGE CENTER ARPT | R | 44.018 | -92.831 | 0.08 | 2015 - 2019 |
| Springdale, AR | SPRINGDALE MUNICIPAL ARPT | U | 36.167 | -94.117 | 0.67 | 2015 - 2019 |
| Springdale, AR | FAYETTEVILLE SPRINGDALE NW AR REGL AIRPORT | R | 36.283 | -94.300 | 0.06 | 2015 - 2019 |
| Houston, TX | HOUSTON DUNN HELISTOP | U | 29.715 | -95.395 | 0.76 | 2010 - 2019 |
| Houston, TX | HOUSTON EXECUTIVE AIRPORT | R | 29.800 | -95.900 | 0.08 | 2010 - 2019 |
| New Orleans, LA | SUPERDOME HELIPORT | U | 29.950 | -90.083 | 1 | 2013 - 2015 |
| New Orleans, LA | LOUISIANA REGIONAL AIRPORT GONZALES, LA US | R | 30.167 | -90.941 | 0.14 | 2013 - 2015 |
| San Jose, CA | SAN JOSE REID HILLVIEW AIRPORT | U | 37.333 | -121.817 | 0.77 | 2015 - 2019 |
| San Jose, CA | HOLLISTER MUNICIPAL AIRPORT | R | 36.900 | -121.417 | 0.08 | 2015 - 2019 |
| Oklahoma mesonet | Oklahoma City, OK | Oklahoma City West | U | 35.471 | -97.582 | 0.79 | 2013 - 2015 |
| Oklahoma City, OK | Spencer | R | 35.542 | -97.341 | 0.01 | 2013 - 2015 |
| Arizona mesonet | Phoenix, AZ | Mesa | U | 33.387 | -111.867 | 0.91 | 2015 - 2019 |
| Phoenix, AZ | Queen Creek | R | 33.194 | -111.533 | 0.02 | 2015 - 2019 |
| Phoenix, AZ | Phoenix Encanto | U | 33.478 | -112.098 | 0.82 | 2015 - 2019 |
| Phoenix, AZ | Buckeye | R | 33.409 | -112.678 | 0.02 | 2015 - 2019 |
| Phoenix, AZ | Phoenix Greenway | U | 33.623 | -112.108 | 0.71 | 2015 - 2019 |
| Phoenix, AZ | Buckeye | R | 33.409 | -112.678 | 0.02 | 2015 - 2019 |
| Moyer and Hawkins, 2017 | Harrisburg, PA | River7 | U | 40.276 | -76.861 | 0.78 | 2014 - 2015 |
| Harrisburg, PA | River20 | R | 40.169 | -76.957 | 0.17 | 2014 - 2015 |
| Harrisburg, PA | River8 | U | 40.257 | -76.861 | 0.98 | 2014 - 2015 |
| Harrisburg, PA | River20 | R | 40.169 | -76.957 | 0.17 | 2014 - 2015 |
| Harrisburg, PA | River16 | U | 40.240 | -76.925 | 0.91 | 2014 - 2015 |
| Harrisburg, PA | River20 | R | 40.169 | -76.957 | 0.17 | 2014 - 2015 |
| Harrisburg, PA | River18 | U | 40.233 | -76.946 | 0.92 | 2014 - 2015 |
| Harrisburg, PA | River20 | R | 40.169 | -76.957 | 0.17 | 2014 - 2015 |
| EPA AQS (USA) | St. Louis, MI | 29\_510\_85 | U | 38.656 | -90.198 | 0.98 | 2015 - 2019 |
| ISD | St. Louis, MI | ST CHARLES CO SMARTT ARPT | R | 38.929 | -90.428 | 0.03 | 2015 - 2019 |
| Germany | DWD Climate Data Center (Germany) | Stuttgart | Stuttgart (Neckartal) | U | 48.790 | 9.217 | 0.91 | 2009 - 2013 |
| Stuttgart | Mhlacker | R | 48.972 | 8.873 | 0.12 | 2009 - 2013 |
| Munich | Mnchen-Stadt | U | 48.163 | 11.543 | 0.76 | 2015 - 2019 |
| Munich | Ebersberg-Halbing | R | 48.100 | 11.987 | 0.05 | 2015 - 2019 |
| Jena | Jena (Sternwarte) | U | 50.925 | 11.583 | 0.81 | 2015 - 2019 |
| Jena | Naumburg/Saale-Kreipitzsch | R | 51.104 | 11.711 | 0.04 | 2015 - 2019 |
| Berlin | Berlin-Alexanderplatz | U | 52.520 | 13.406 | 0.97 | 2015 - 2018 |
| Berlin | Berlin-Kaniswall | R | 52.404 | 13.731 | 0.11 | 2015 - 2018 |
| Berlin | Berlin-Marzahn | U | 52.545 | 13.560 | 0.85 | 2015 - 2019 |
| Berlin | Heckelberg | R | 52.746 | 13.843 | 0.01 | 2015 - 2019 |
| Frankfurt | Frankfurt/Main-Westend | U | 50.127 | 8.669 | 0.84 | 2015 - 2019 |
| Frankfurt | Schaafheim-Schlierbach | R | 49.920 | 8.967 | 0.1 | 2015 - 2019 |
| Switzerland | Federal Office of Meteorology and Climatology MeteoSwiss | Zürich | Zurich | U | 47.378 | 8.566 | 0.54 | 2017 - 2019 |
| Zürich | Runenberg | R | 47.435 | 7.879 | 0.04 | 2017 - 2019 |
| France | Meteo France | Limoges | LIMOGES VILLE | U | 45.829 | 1.268 | 0.87 | 2017 - 2019 |
| Limoges | MAGNAC-LAVAL | R | 46.210 | 1.187 | 0.03 | 2017 - 2019 |
| Montbéliard | MONTBELIARD | U | 47.504 | 6.813 | 0.86 | 2012 - 2014 |
| Montbéliard | CARSPACH | R | 47.632 | 7.213 | 0.15 | 2012 - 2014 |
| Strasbourg | STRASBOURG - BOTANIQUE | U | 48.582 | 7.769 | 0.98 | 2017 - 2019 |
| Strasbourg | STRASBOURG-ENTZHEIM | R | 48.549 | 7.640 | 0.21 | 2017 - 2019 |
| Paris | BELLEVILLE PARC | U | 48.871 | 2.385 | 0.98 | 2012 - 2014 |
| Paris | FONTENAY-TRES | R | 48.692 | 2.824 | 0.04 | 2012 - 2014 |
| La Verrière | TRAPPES | U | 48.774 | 2.010 | 0.78 | 2017 - 2019 |
| La Verrière | DOURDAN | R | 48.526 | 1.993 | 0.14 | 2017 - 2019 |
| Aix-en-Provence | AIX EN PROVENCE | U | 43.529 | 5.424 | 0.82 | 2017 - 2019 |
| Aix-en-Provence | ST CANNAT | R | 43.601 | 5.317 | 0.04 | 2017 - 2019 |
| United Kingdom | Met Office (UK) | Sheffield | SHEFFIELD | U | 53.381 | -1.490 | 0.89 | 2015 - 2019 |
| Sheffield | GRINGLEY-ON-THE-HILL | R | 53.406 | -0.883 | 0.01 | 2015 - 2019 |
| Birmingham | WINTERBOURNE NO2 | U | 52.456 | -1.926 | 0.53 | 2015 - 2019 |
| Birmingham | CHURCH LAWFORD | R | 52.358 | -1.330 | 0.1 | 2015 - 2019 |
| London | BATTERSEA HELIPORT | U | 51.469 | -0.178 | 0.93 | 2018 - 2019 |
| ISD | London | ANDREWSFIELD | R | 51.896 | 0.451 | 0.02 | 2018 - 2019 |
| Finland | Finnish meteorological institution | Rovaniemi | Rovaniemi railway station | U | 66.498 | 25.709 | 0.53 | 2017 - 2019 |
| ISD | Rovaniemi | ROVANIEMI | R | 66.565 | 25.830 | 0.01 | 2017 - 2019 |
| Finnish meteorological institution | Pori | Pori railway station | U | 61.479 | 21.783 | 0.71 | 2017 - 2019 |
| Pori | KankaanpSS Niinisalo Airfield | R | 61.839 | 22.464 | 0.01 | 2017 - 2019 |
| Sweden | Swedish Meteorological and Hydrological Institute | Gothenburg | Gsteborg A | U | 57.716 | 11.992 | 0.82 | 2015 - 2019 |
| Gothenburg | Landvetter airport | R | 57.676 | 12.292 | 0.09 | 2015 - 2019 |
| Stockholm | Stockholm | U | 59.342 | 18.055 | 0.89 | 2015 - 2019 |
| Stockholm | Tullinge A | R | 59.179 | 17.909 | 0.05 | 2015 - 2019 |
| Uppsala | Uppsala Aut | U | 59.859 | 17.625 | 0.79 | 2015 - 2019 |
| Uppsala | Uppsala Flygplats | R | 59.895 | 17.594 | 0.13 | 2015 - 2019 |
| Austria | Central Institution for Meteorology and Geodynamics (Austria) | Linz | LINZ-STADT | U | 48.296 | 14.285 | 0.81 | 2017 - 2019 |
| Linz | ENNS | R | 48.196 | 14.450 | 0.12 | 2017 - 2019 |
| Graz | GRAZ-STRASSGANG | U | 47.046 | 15.410 | 0.94 | 2017 - 2019 |
| Graz | WORTERBERG | R | 47.226 | 16.097 | 0.02 | 2017 - 2019 |
| Vienna | WIEN-DONAUFELD | U | 48.257 | 16.431 | 0.92 | 2017 - 2019 |
| Vienna | ZWERNDORF | R | 48.338 | 16.831 | 0.03 | 2017 - 2019 |
| Spain | The State Meteorological Agency of Spain | Girona | GIRONA-PARC MIGDIA | U | 41.972 | 2.819 | 0.9 | 2017 - 2019 |
| Girona | GIRONA/COSTA BRAVA | R | 41.912 | 2.763 | 0.13 | 2017 - 2019 |
| Lugo | LUGO-COL.FINGOI | U | 42.998 | -7.553 | 0.86 | 2017 - 2019 |
| Lugo | LUGO/ROZAS | R | 43.111 | -7.458 | 0.03 | 2017 - 2019 |
| Norway | Norwegian Meteorological Institute | Sarpsborg | SARPSBORG | U | 59.285 | 11.113 | 0.61 | 2015 - 2019 |
| Sarpsborg | OSAKER | R | 59.319 | 11.042 | 0.04 | 2015 - 2019 |
| Oslo | OSLO - BLINDERN | U | 59.942 | 10.720 | 0.69 | 2015 - 2019 |
| Oslo | AURSKOG II | R | 59.912 | 11.580 | 0.01 | 2015 - 2019 |
| Oslo | ALNA | U | 59.927 | 10.835 | 0.87 | 2012 - 2015 |
| Oslo | AURSKOG II | R | 59.912 | 11.580 | 0.01 | 2012 - 2015 |
| Russia | ISD | Georgiyevsk | GEORGIEVSK | U | 44.139 | 43.458 | 0.61 | 2017 - 2019 |
| Georgiyevsk | MINERAL'NYE VODY (37054-0) | R | 44.233 | 43.067 | 0.11 | 2017 - 2019 |
| Reliable Prognosis | Moscow | Moscow (Balchug) | U | 55.745 | 37.630 | 0.96 | 2015 - 2019 |
| ISD | Moscow | DOMODEDOVO | R | 55.409 | 37.906 | 0.19 | 2015 - 2019 |
| Australia | ISD | Perth | PERTH METRO | U | -31.919 | 115.873 | 0.69 | 2015 - 2019 |
| Perth | PEARCE RAAF | R | -31.667 | 116.019 | 0.11 | 2015 - 2019 |
| Adelaide | KENT TOWN | U | -34.921 | 138.622 | 0.81 | 2015 - 2019 |
| Adelaide | ROSEWORTHY AG COLLEGE | R | -34.511 | 138.676 | 0.01 | 2015 - 2019 |
| Brisbane | BRISBANE | U | -27.481 | 153.039 | 0.93 | 2015 - 2019 |
| Brisbane | UNIVERSITY OF QUEENSLAND GATTON | R | -27.544 | 152.338 | 0.02 | 2015 - 2019 |
| Melbourne | SCORESBY RESEARCH INSTITUTE | U | -37.871 | 145.256 | 0.91 | 2015 - 2019 |
| Melbourne | AVALON AIRPORT | R | -38.029 | 144.478 | 0.07 | 2015 - 2019 |
| Melbourne | MELBOURNE REGIONAL OFFICE | U | -37.808 | 144.970 | 0.93 | 2012 - 2014 |
| Melbourne | AVALON AIRPORT | R | -38.029 | 144.478 | 0.07 | 2012 - 2014 |
| Canada | Government of Canada | Winnipeg | WINNIPEG THE FORKS | U | 49.888 | -97.129 | 0.74 | 2015 - 2019 |
| Winnipeg | KLEEFELD (MAFRI) | R | 49.518 | -96.901 | 0.01 | 2015 - 2019 |
| Québec City | STE-FOY (U. LAVAL) | U | 46.780 | -71.288 | 0.77 | 2015 - 2019 |
| Québec City | DESCHAMBAULT | R | 46.691 | -71.972 | 0.02 | 2015 - 2019 |
| Montreal | MCTAVISH | U | 45.505 | -73.579 | 0.73 | 2015 - 2019 |
| Montreal | LACADIE | R | 45.294 | -73.349 | 0.01 | 2015 - 2019 |
| Toronto | PA DOWNSVIEW | U | 43.780 | -79.467 | 0.62 | 2015 - 2015 |
| Toronto | PA ANGUS GLEN GOLF CLUB | R | 43.908 | -7  9.323 | 0.19 | 2015 - 2015 |
| Toronto | PA YORK UNIVERSITY | U | 43.775 | -79.510 | 0.64 | 2015 - 2015 |
| Toronto | PA ANGUS GLEN GOLF CLUB | R | 43.908 | -79.323 | 0.19 | 2015 - 2015 |
| Hamilton | PA HAMILTON SOCCER | U | 43.251 | -79.830 | 0.97 | 2015 - 2015 |
| Hamilton | PA ATMOS FENWICK | R | 43.051 | -79.365 | 0.07 | 2015 - 2015 |
| South Africa | South Africa Weather Service | Bloemfontein | BLOEMFONTEIN - STAD | U | -29.120 | 26.187 | 0.93 | 2012 - 2019 |
| Bloemfontein | GLEN COLLEGE AWS | R | -28.942 | 26.326 | 0.03 | 2012 - 2019 |
| Rustenburg | RUSTENBURG | U | -25.661 | 27.232 | 0.67 | 2012 - 2019 |
| Rustenburg | BUFFELSPOORT II AGR | R | -25.754 | 27.483 | 0.16 | 2012 - 2019 |
| Mali | TAHMO | Bamako | Bamako-Ville | U | 12.636 | -8.023 | 0.9 | 2018 - 2019 |
| ISD | Bamako | SENOU | R | 12.536 | -7.954 | 0.13 | 2018 - 2019 |
| Ghana | TAHMO | Kumasi | Kumasi SHS, Kumasi | U | 6.661 | -1.581 | 0.96 | 2018 - 2019 |
| Kumasi | Bompata Presby SHS, Bompata | R | 6.619 | -1.053 | 0.09 | 2018 - 2019 |
| Accra | GMet HQ | U | 5.651 | -0.165 | 0.82 | 2018 - 2019 |
| Accra | Osudoku SHTS, Asutsuare | R | 6.076 | 0.196 | 0.05 | 2018 - 2019 |
| Uganda | TAHMO | Kampala | Makerere Synoptic | U | 0.334 | 32.569 | 0.99 | 2017 - 2019 |
| Kampala | Butambala HQ | R | 0.184 | 32.132 | 0.02 | 2017 - 2019 |
| Tanzania | TAHMO | Dar es Salaam | Kinyereri primary school | U | -6.842 | 39.157 | 0.5 | 2017 - 2019 |
| Dar es Salaam | Visegese | R | -6.880 | 39.025 | 0 | 2017 - 2019 |
| Argentina | National Meteorological Service (Argentina) | Córdoba | CORDOBA OBSERVATORIO | U | -31.421 | -64.198 | 0.99 | 2015 - 2019 |
| Córdoba | CORDOBA AERO | R | -31.297 | -64.212 | 0.06 | 2015 - 2019 |
| Japan | Japan Meteorological Agency | Miyakonojo | Miyakonojo | U | 31.730 | 131.082 | 0.93 | 2017 - 2019 |
| ISD | Miyakonojo | KAGOSHIMA | R | 31.803 | 130.719 | 0.09 | 2017 - 2019 |
| Mexico | ISD | Morelia | MORELIA MICH. | U | 19.722 | -101.183 | 0.83 | 2015 - 2019 |
| Morelia | GENERAL FRANCISCO J MUJICA INTL | R | 19.850 | -101.026 | 0.03 | 2015 - 2019 |
| Turkey | ISD | Adapazarı | ADAPAZARI | U | 40.768 | 30.393 | 0.91 | 2015 - 2019 |
| Adapazarı | TOPEL | R | 40.735 | 30.083 | 0.11 | 2015 - 2019 |
| Thailand | ISD | Kanchanaburi | KANCHANA BURI | U | 14.023 | 99.536 | 0.52 | 2010 - 2019 |
| Kanchanaburi | NAKHONPATHOM | R | 14.017 | 99.967 | 0.06 | 2010 - 2019 |
| Bangkok | BANGKOK METROPOLIS | U | 13.726 | 100.560 | 0.87 | 2010 - 2019 |
| Bangkok | NAKHONPATHOM | R | 14.017 | 99.967 | 0.04 | 2010 - 2019 |
| Korea | ISD | Gwangju | GWANGJU | U | 35.173 | 126.892 | 0.76 | 2015 - 2019 |
| Gwangju | GOCHANG | R | 35.349 | 126.599 | 0.01 | 2015 - 2019 |
| Brazil | National Institute of Meteorology (Brazil) | Manaus | MANAUS | U | -3.104 | -60.015 | 0.89 | 2015 - 2019 |
| Manaus | RIO URUBU | R | -2.634 | -59.601 | 0 | 2015 - 2019 |
| Petrolina | PETROLINA | U | -9.388 | -40.523 | 0.48 | 2015 - 2019 |
| Petrolina | CURACA | R | -9.001 | -39.912 | 0 | 2015 - 2019 |
| Presidente Prudente | PRESIDENTE PRUDENTE | U | -22.120 | -51.409 | 0.59 | 2015 - 2019 |
| Presidente Prudente | RANCHARIA | R | -22.373 | -50.975 | 0 | 2015 - 2019 |
| Maringá | MARINGA | U | -23.405 | -51.933 | 0.62 | 2015 - 2019 |
| ISD | Maringá | REGIONAL DE MARINGA SILVIO NAME JUNIOR | R | -23.476 | -52.016 | 0.1 | 2015 - 2019 |
| National Institute of Meteorology (Brazil) | Itapeva | ITAPEVA | U | -23.982 | -48.886 | 0.89 | 2015 - 2019 |
| Itapeva | SAO MIGUEL ARCANJO | R | -23.852 | -48.165 | 0.01 | 2015 - 2019 |
| Curitiba | CURITIBA | U | -25.449 | -49.231 | 0.83 | 2016 - 2019 |
| Curitiba | COLOMBO | R | -25.322 | -49.158 | 0.12 | 2016 - 2019 |
| Mexico | National Institute of Meteorology (Mexico) | Guadalajara | GUADALAJARA | U | 20.706 | -103.392 | 0.46 | 2013 - 2018 |
| Guadalajara | LA PRIMAVERA | R | 20.676 | -103.644 | 0 | 2013 - 2018 |
| Puebla | PUEBLA | U | 19.055 | -98.163 | 0.84 | 2015 - 2018 |
| ISD | Puebla | HERMANOS SERDAN INTL | R | 19.158 | -98.371 | 0.07 | 2015 - 2018 |
| National Institute of Meteorology (Mexico) | Villahermosa | VILLAHERMOSA | U | 17.981 | -92.921 | 0.75 | 2013 - 2018 |
| ISD | Villahermosa | C P A CARLOS ROVIROSA INTL | R | 17.983 | -92.817 | 0.05 | 2013 - 2018 |
| Chile | Chilean Meteorological Directorate | Santiago | Quinta Normal, Santiago | U | -33.445 | -70.683 | 0.72 | 2018 - 2019 |
| ISD | Santiago | ARTURO MERINO BENITEZ INTL | R | -33.394 | -70.802 | 0.12 | 2018 - 2019 |
| Chilean Meteorological Directorate | Santiago | Saint Paul - DASA | U | -33.442 | -70.747 | 0.9 | 2018 - 2019 |
| ISD | Santiago | ARTURO MERINO BENITEZ INTL | R | -33.394 | -70.802 | 0.12 | 2018 - 2019 |
| China | China Meteorological Administration | Jinzhou | 54337 | U | 41.140 | 121.122 | 0.94 | 2009 - 2013 |
| Jinzhou | 54453 | R | 40.873 | 120.960 | 0.1 | 2009 - 2013 |
| Tianjin | 54619 | U | 38.925 | 116.915 | 0.91 | 2009 - 2013 |
| Tianjin | 54612 | R | 38.846 | 116.456 | 0.14 | 2009 - 2013 |
| Laizhou | 54749 | U | 37.185 | 119.944 | 0.97 | 2009 - 2013 |
| Laizhou | 54755 | R | 37.328 | 120.387 | 0.18 | 2009 - 2013 |
| Wulian County | 54940 | U | 35.750 | 119.206 | 0.87 | 2009 - 2013 |
| Wulian County | 54848 | R | 35.963 | 119.485 | 0.06 | 2009 - 2013 |
| Junan County | 54939 | U | 35.169 | 118.822 | 0.89 | 2009 - 2013 |
| Junan County | 54938 | R | 35.246 | 118.424 | 0.11 | 2009 - 2013 |
| Qufu | 54918 | U | 35.600 | 116.973 | 0.94 | 2009 - 2013 |
| Qufu | 54912 | R | 35.765 | 116.506 | 0.01 | 2009 - 2013 |
| Huairen | 53580 | U | 39.835 | 113.099 | 0.81 | 2009 - 2013 |
| Huairen | 53487 | R | 40.078 | 113.409 | 0.1 | 2009 - 2013 |
| Xingyang | 57081 | U | 34.793 | 113.398 | 0.54 | 2009 - 2013 |
| Xingyang | 53989 | R | 35.083 | 113.982 | 0.03 | 2009 - 2013 |
| Lankao County | 57093 | U | 34.841 | 114.825 | 0.46 | 2009 - 2013 |
| Lankao County | 57191 | R | 34.514 | 114.470 | 0.06 | 2009 - 2013 |
| Xihua County | 57193 | U | 33.784 | 114.519 | 0.71 | 2009 - 2013 |
| Xihua County | 57198 | R | 33.495 | 114.564 | 0 | 2009 - 2013 |
| Zhoukou | 57195 | U | 33.612 | 114.632 | 0.9 | 2009 - 2013 |
| Zhoukou | 57198 | R | 33.495 | 114.564 | 0 | 2009 - 2013 |
| Xixia County | 57156 | U | 33.309 | 111.487 | 0.55 | 2009 - 2013 |
| Xixia County | 57169 | R | 33.154 | 111.889 | 0 | 2009 - 2013 |
| Shaoxing | 58453 | U | 30.072 | 120.509 | 0.49 | 2009 - 2013 |
| Shaoxing | 58553 | R | 30.054 | 120.814 | 0.16 | 2009 - 2013 |
| Yangchun | 59469 | U | 22.164 | 111.787 | 0.96 | 2009 - 2013 |
| Yangchun | 59477 | R | 22.266 | 112.231 | 0.02 | 2009 - 2013 |
| Yangshan County | 59075 | U | 24.473 | 112.632 | 0.7 | 2009 - 2013 |
| Yangshan County | 59072 | R | 24.811 | 112.371 | 0.17 | 2009 - 2013 |
| Qiyang County | 57868 | U | 26.595 | 111.857 | 0.8 | 2009 - 2013 |
| Qiyang County | 57865 | R | 26.496 | 111.616 | 0.08 | 2009 - 2013 |
| Liuyang | 57688 | U | 28.156 | 113.631 | 0.56 | 2009 - 2013 |
| Liuyang | 57679 | R | 28.212 | 113.197 | 0.08 | 2009 - 2013 |
| Songzi | 57469 | U | 30.177 | 111.774 | 0.67 | 2009 - 2013 |
| Songzi | 57465 | R | 30.362 | 111.432 | 0.14 | 2009 - 2013 |
| Guilin | 57957 | U | 25.323 | 110.305 | 0.72 | 2009 - 2013 |
| Guilin | 57958 | R | 25.079 | 110.310 | 0.04 | 2009 - 2013 |
| Qujing | 56783 | U | 25.502 | 103.799 | 0.46 | 2009 - 2013 |
| Qujing | 56790 | R | 25.676 | 104.242 | 0.06 | 2009 - 2013 |
| Guiyang | 57816 | U | 26.589 | 106.728 | 0.6 | 2009 - 2013 |
| Guiyang | 57811 | R | 26.837 | 106.600 | 0.07 | 2009 - 2013 |
| Longxi County | 56092 | U | 34.994 | 104.647 | 0.47 | 2009 - 2013 |
| Longxi County | 53908 | R | 35.209 | 105.228 | 0.08 | 2009 - 2013 |
| Zhuozhou | 54502 | U | 39.475 | 116.035 | 0.89 | 2009 - 2013 |
| Zhuozhou | 54518 | R | 39.169 | 116.393 | 0.04 | 2009 - 2013 |
| Anshan | 54339 | U | 41.090 | 122.999 | 0.82 | 2009 - 2013 |
| Anshan | 54336 | R | 41.417 | 122.430 | 0.11 | 2009 - 2013 |
| Foshan | 59480 | U | 22.849 | 113.244 | 0.93 | 2009 - 2013 |
| Foshan | 59287 | R | 23.210 | 113.482 | 0.06 | 2009 - 2013 |
| Jinan | 54823 | U | 36.602 | 117.008 | 0.49 | 2009 - 2013 |
| Jinan | 54816 | R | 36.524 | 116.797 | 0.03 | 2009 - 2013 |
| Gaomi | 54846 | U | 36.385 | 119.736 | 0.67 | 2009 - 2013 |
| Gaomi | 54849 | R | 36.221 | 120.031 | 0.16 | 2009 - 2013 |
| Yuncheng County | 54905 | U | 35.589 | 115.927 | 0.64 | 2009 - 2013 |
| Yuncheng County | 54912 | R | 35.765 | 116.506 | 0.01 | 2009 - 2013 |
| Linfen | 53868 | U | 36.062 | 111.494 | 0.45 | 2009 - 2013 |
| Linfen | 53866 | R | 36.227 | 111.660 | 0.11 | 2009 - 2013 |
| Tianjin | 54526 | U | 39.084 | 117.338 | 0.99 | 2009 - 2013 |
| Tianjin | 54518 | R | 39.169 | 116.393 | 0.04 | 2009 - 2013 |
| Anlu | 57388 | U | 31.264 | 113.693 | 0.79 | 2009 - 2013 |
| Anlu | 57381 | R | 31.619 | 113.339 | 0.02 | 2009 - 2013 |
| Ningxiang | 57678 | U | 28.251 | 112.544 | 0.83 | 2009 - 2013 |
| Ningxiang | 57773 | R | 27.876 | 112.828 | 0.05 | 2009 - 2013 |
| Guangzhou | 59284 | U | 23.420 | 113.237 | 0.47 | 2009 - 2013 |
| Guangzhou | 59287 | R | 23.210 | 113.482 | 0.06 | 2009 - 2013 |
| Changyuan | 53998 | U | 35.193 | 114.655 | 0.62 | 2009 - 2013 |
| Changyuan | 53992 | R | 35.659 | 114.516 | 0.26 | 2009 - 2013 |
| Mexico | National Institute of Meteorology (Mexico) | Zacatecas | ZACATECAS | U | 22.747 | -102.506 | 0.53 | 2012 - 2019 |
| ISD | Zacatecas | GENERAL LEOBARDO C RUIZ INTL | R | 22.897 | -102.687 | 0.01 | 2012 - 2019 |
| United Kingdom | Birmingham Urban Climate Lab | Birmingham | W006 | U | 52.505 | -1.923 | 0.91 | 2012 - 2014 |
| Birmingham | W002 | R | 52.395 | -2.062 | 0.1 | 2012 - 2014 |
| Birmingham | W007 | U | 52.490 | -1.902 | 0.98 | 2013 - 2014 |
| Birmingham | W002 | R | 52.395 | -2.062 | 0.1 | 2012 - 2014 |
| Birmingham | W008 | U | 52.436 | -1.969 | 0.8 | 2013 - 2014 |
| Birmingham | W002 | R | 52.395 | -2.062 | 0.1 | 2012 - 2014 |
| Birmingham | W010 | U | 52.478 | -1.929 | 0.89 | 2013 - 2014 |
| Birmingham | W002 | R | 52.395 | -2.062 | 0.1 | 2012 - 2014 |
| Birmingham | W012 | U | 52.421 | -1.912 | 0.87 | 2013 - 2014 |
| Birmingham | W002 | R | 52.395 | -2.062 | 0.1 | 2012 - 2014 |
| Birmingham | W013 | U | 52.473 | -1.901 | 0.99 | 2013 - 2014 |
| Birmingham | W002 | R | 52.395 | -2.062 | 0.1 | 2012 - 2014 |
| Birmingham | W014 | U | 52.416 | -1.844 | 0.91 | 2013 - 2014 |
| Birmingham | W002 | R | 52.395 | -2.062 | 0.1 | 2012 - 2014 |
| Birmingham | W015 | U | 52.512 | -1.830 | 0.91 | 2013 - 2014 |
| Birmingham | W002 | R | 52.395 | -2.062 | 0.1 | 2012 - 2014 |
| Birmingham | W016 | U | 52.445 | -1.820 | 0.92 | 2013 - 2014 |
| Birmingham | W002 | R | 52.395 | -2.062 | 0.1 | 2012 - 2014 |
| Birmingham | W017 | U | 52.483 | -1.786 | 0.83 | 2013 - 2014 |
| Birmingham | W002 | R | 52.395 | -2.062 | 0.1 | 2012 - 2014 |
| Birmingham | W018 | U | 52.493 | -1.808 | 0.77 | 2013 - 2014 |
| Birmingham | W002 | R | 52.395 | -2.062 | 0.1 | 2012 - 2014 |
| Birmingham | W019 | U | 52.496 | -1.873 | 0.99 | 2013 - 2014 |
| Birmingham | W002 | R | 52.395 | -2.062 | 0.1 | 2012 - 2014 |
| Birmingham | W020 | U | 52.525 | -1.850 | 0.93 | 2013 - 2014 |
| Birmingham | W002 | R | 52.395 | -2.062 | 0.1 | 2012 - 2014 |
| Birmingham | W027 | U | 52.443 | -1.885 | 0.83 | 2013 - 2014 |
| Birmingham | W002 | R | 52.395 | -2.062 | 0.1 | 2012 - 2014 |
| Thailand | Thai Meteorological Department | Bangkok | BANG NA AGROMET | U | 13.666 | 100.606 | 0.76 | 2009 - 2019 |
| Bangkok | NAKHONPATHOM | R | 14.012 | 99.970 | 0.04 | 2009 - 2019 |
| Surin | SURIN | U | 14.876 | 103.496 | 0.54 | 2009 - 2019 |
| Surin | SURIN AGROMET | R | 14.883 | 103.450 | 0.05 | 2009 - 2019 |
| Nakhon Ratchasima | NAKHON RATCHASIMA | U | 14.970 | 102.082 | 0.52 | 2015 - 2019 |
| ISD | Nakhon Ratchasima | NAKHON RATCHASIMA AIRPORT | R | 14.950 | 102.313 | 0 | 2015 - 2019 |