|  |  |  |
| --- | --- | --- |
| Site\_name | Satellite\_azimuth\_angle (H8/9) | Satellite\_zenith\_angle (H8/9) |
| Halisu | 327.11667 | 75.92923 |
| Liupanshan | 321.43692 | 71.7877 |
| Xilinhot | 336.44055 | 68.314674 |
| Changchun | 344.33932 | 63.17853 |
| Miyun | 334.33978 | 62.637337 |
| Chengtoushan | 337.80197 | 59.176487 |
| Songshan | 325.6631 | 49.7229 |
| Xiaogan | 322.77823 | 46.26918 |
| Youyang | 315.8396 | 48.53279 |
| Hangzhou | 328.73044 | 41.735287 |
| Chongwu | 321.1034 | 37.96986 |
| Zengcheng | 313.43695 | 40.7037 |
|  |  |  |
| Beijing | 333.60214 | 52.48761 |
| Nanjing | 329.21362 | 44.15831 |
| Zhuhai | 311.797 | 40.25119 |
|  |  |  |
| Sangge | 328.4258 | 56.385242 |
| Leling | 332.54517 | 50.054363 |
| Xiaochengzi | 337.2363 | 52.47033 |
| Lijiamen | 327.94702 | 41.36586 |
| Shiziyan | 322.11975 | 44.807426 |

|  |  |
| --- | --- |
| Site\_name | dlvart |
| Halisu | [1.80, 1.85, 1.90, 1.0] |
| Liupanshan | [1.83, 1.88, 1.93, 1.0] |
| Xilinhot | [1.85, 1.90, 1.95, 1.0] |
| Changchun | [1.83, 1.88, 1.93, 1.0] |
| Miyun | [1.80, 1.85, 1.90, 1.0] |
| Chengtoushan | [1.90, 1.95, 2.00, 1.0] |
| Songshan | [1.82, 1.87, 1.92, 1.0] |
| Xiaogan | [1.82, 1.87, 1.92, 1.0] |
| Youyang | [1.88, 1.93, 1.98, 1.0] |
| Hangzhou | [1.86, 1.91, 1.96, 1.0] |
| Chongwu | [1.84, 1.89, 1.94, 1.0] |
| Zengcheng | [1.88, 1.93, 1.98, 1.0] |
|  |  |
| Beijing | [1.84, 1.89, 1.94, 1.0] |
| Nanjing | [1.89, 1.94, 1.99, 1.0] |
| Zhuhai | [1.88, 1.93, 1.98, 1.0] |
|  |  |
| Gesang | [1.80, 1.85, 1.90, 1.0] |
| Lelin | [1.84, 1.89, 1.94, 1.0] |
| Xiaochengzi | [1.84, 1.89, 1.94, 1.0] |
| Lijiamen | [1.82, 1.87, 1.92, 1.0] |
| Shiziyan | [1.82, 1.87, 1.92, 1.0] |

dlh20 = [236.0, 240.0, 244.0, 1.0]  
dl11\_12hi = 3  
dl11\_4lo = [-14.0, -12.0, -10.0, 1.0]  
dlref1 = [0.22, 0.18, 0.14, 1.0]