

Horizontal Shadow Plane Sundial

Latitude: 52.0° N/S

Earliest Sunrise: 3:38 a.m. Latest Sunset: 8:22 p.m.

E-W Dimension: 1000 mm

| Local Time | | X | Y | Local Time | | X | Y | Local Time | | X | Y |
|------------|-------|-------|--------|------------|------|-------|--------|------------|------|-------|-------|
| 12:00 | | 0.0 | -500.0 | | | | | | | | |
| 11:55 | 12:05 | 8.6 | -500.0 | 8:25 | 3:35 | 500.0 | -465.2 | 4:55 | 7:05 | 500.0 | 184.9 |
| 11:50 | 12:10 | 17.2 | -500.0 | 8:20 | 3:40 | 500.0 | -444.3 | 4:50 | 7:10 | 500.0 | 200.1 |
| 11:45 | 12:15 | 25.8 | -500.0 | 8:15 | 3:45 | 500.0 | -424.0 | 4:45 | 7:15 | 500.0 | 215.4 |
| 11:40 | 12:20 | 34.5 | -500.0 | 8:10 | 3:50 | 500.0 | -404.2 | 4:40 | 7:20 | 500.0 | 230.9 |
| 11:35 | 12:25 | 43.2 | -500.0 | 8:05 | 3:55 | 500.0 | -385.0 | 4:35 | 7:25 | 500.0 | 246.7 |
| 11:30 | 12:30 | 51.9 | -500.0 | 8:00 | 4:00 | 500.0 | -366.3 | 4:30 | 7:30 | 500.0 | 262.8 |
| 11:25 | 12:35 | 60.6 | -500.0 | 7:55 | 4:05 | 500.0 | -348.1 | 4:25 | 7:35 | 500.0 | 279.2 |
| 11:20 | 12:40 | 69.5 | -500.0 | 7:50 | 4:10 | 500.0 | -330.3 | 4:20 | 7:40 | 500.0 | 295.9 |
| 11:15 | 12:45 | 78.4 | -500.0 | 7:45 | 4:15 | 500.0 | -312.9 | 4:15 | 7:45 | 500.0 | 312.9 |
| 11:10 | 12:50 | 87.3 | -500.0 | 7:40 | 4:20 | 500.0 | -295.9 | 4:10 | 7:50 | 500.0 | 330.3 |
| 11:05 | 12:55 | 96.4 | -500.0 | 7:35 | 4:25 | 500.0 | -279.2 | 4:05 | 7:55 | 500.0 | 348.1 |
| 11:00 | 1:00 | 105.6 | -500.0 | 7:30 | 4:30 | 500.0 | -262.8 | 4:00 | 8:00 | 500.0 | 366.3 |
| 10:55 | 1:05 | 114.8 | -500.0 | 7:25 | 4:35 | 500.0 | -246.7 | 3:55 | 8:05 | 500.0 | 385.0 |
| 10:50 | 1:10 | 124.2 | -500.0 | 7:20 | 4:40 | 500.0 | -230.9 | 3:50 | 8:10 | 500.0 | 404.2 |
| 10:45 | 1:15 | 133.7 | -500.0 | 7:15 | 4:45 | 500.0 | -215.4 | 3:45 | 8:15 | 500.0 | 424.0 |
| 10:40 | 1:20 | 143.4 | -500.0 | 7:10 | 4:50 | 500.0 | -200.1 | 3:40 | 8:20 | 500.0 | 444.3 |
| 10:35 | 1:25 | 153.2 | -500.0 | 7:05 | 4:55 | 500.0 | -184.9 | 3:35 | 8:25 | 500.0 | 465.2 |
| 10:30 | 1:30 | 163.2 | -500.0 | 7:00 | 5:00 | 500.0 | -170.0 | 3:30 | 8:30 | 500.0 | 486.9 |
| 10:25 | 1:35 | 173.4 | -500.0 | 6:55 | 5:05 | 500.0 | -155.3 | | | | |
| 10:20 | 1:40 | 183.7 | -500.0 | 6:50 | 5:10 | 500.0 | -140.7 | | | | |
| 10:15 | 1:45 | 194.3 | -500.0 | 6:45 | 5:15 | 500.0 | -126.2 | | | | |
| 10:10 | 1:50 | 205.1 | -500.0 | 6:40 | 5:20 | 500.0 | -111.9 | | | | |
| 10:05 | 1:55 | 216.2 | -500.0 | 6:35 | 5:25 | 500.0 | -97.7 | | | | |
| 10:00 | 2:00 | 227.5 | -500.0 | 6:30 | 5:30 | 500.0 | -83.5 | | | | |
| 9:55 | 2:05 | 239.1 | -500.0 | 6:25 | 5:35 | 500.0 | -69.5 | | | | |
| 9:50 | 2:10 | 251.0 | -500.0 | 6:20 | 5:40 | 500.0 | -55.5 | | | | |
| 9:45 | 2:15 | 263.3 | -500.0 | 6:15 | 5:45 | 500.0 | -41.6 | | | | |
| 9:40 | 2:20 | 275.9 | -500.0 | 6:10 | 5:50 | 500.0 | -27.7 | | | | |
| 9:35 | 2:25 | 288.9 | -500.0 | 6:05 | 5:55 | 500.0 | -13.8 | | | | |
| 9:30 | 2:30 | 302.3 | -500.0 | 6:00 | 6:00 | 500.0 | 0.0 | | | | |
| 9:25 | 2:35 | 316.2 | -500.0 | 5:55 | 6:05 | 500.0 | 13.8 | | | | |
| 9:20 | 2:40 | 330.6 | -500.0 | 5:50 | 6:10 | 500.0 | 27.7 | | | | |
| 9:15 | 2:45 | 345.5 | -500.0 | 5:45 | 6:15 | 500.0 | 41.6 | | | | |
| 9:10 | 2:50 | 361.0 | -500.0 | 5:40 | 6:20 | 500.0 | 55.5 | | | | |
| 9:05 | 2:55 | 377.2 | -500.0 | 5:35 | 6:25 | 500.0 | 69.5 | | | | |
| 9:00 | 3:00 | 394.0 | -500.0 | 5:30 | 6:30 | 500.0 | 83.5 | | | | |
| 8:55 | 3:05 | 411.6 | -500.0 | 5:25 | 6:35 | 500.0 | 97.7 | | | | |
| 8:50 | 3:10 | 430.0 | -500.0 | 5:20 | 6:40 | 500.0 | 111.9 | | | | |
| 8:45 | 3:15 | 449.3 | -500.0 | 5:15 | 6:45 | 500.0 | 126.2 | | | | |
| 8:40 | 3:20 | 469.6 | -500.0 | 5:10 | 6:50 | 500.0 | 140.7 | | | | |
| 8:35 | 3:25 | 490.9 | -500.0 | 5:05 | 6:55 | 500.0 | 155.3 | | | | |
| 8:30 | 3:30 | 500.0 | -486.9 | 5:00 | 7:00 | 500.0 | 170.0 | | | | |

Horizontal Shadow Plane Sundial

Latitude: 52.0° N/S

Earliest Sunrise: 3:38 a.m. Latest Sunset: 8:22 p.m.

E-W Dimension: 3000 mm

| Local Time | X | Y | Local Time | X | Y | Local Time | X | Y | | | |
|------------|-------|---------|------------|------|------|------------|---------|------|------|--------|--------|
| 12:00 | 0.0 | -1500.0 | | | | | | | | | |
| 11:55 | 12:05 | 25.8 | -1500.0 | 8:25 | 3:35 | 1500.0 | -1395.7 | 4:55 | 7:05 | 1500.0 | 554.8 |
| 11:50 | 12:10 | 51.6 | -1500.0 | 8:20 | 3:40 | 1500.0 | -1332.9 | 4:50 | 7:10 | 1500.0 | 600.2 |
| 11:45 | 12:15 | 77.5 | -1500.0 | 8:15 | 3:45 | 1500.0 | -1271.9 | 4:45 | 7:15 | 1500.0 | 646.2 |
| 11:40 | 12:20 | 103.4 | -1500.0 | 8:10 | 3:50 | 1500.0 | -1212.7 | 4:40 | 7:20 | 1500.0 | 692.8 |
| 11:35 | 12:25 | 129.5 | -1500.0 | 8:05 | 3:55 | 1500.0 | -1155.1 | 4:35 | 7:25 | 1500.0 | 740.2 |
| 11:30 | 12:30 | 155.6 | -1500.0 | 8:00 | 4:00 | 1500.0 | -1099.0 | 4:30 | 7:30 | 1500.0 | 788.5 |
| 11:25 | 12:35 | 181.9 | -1500.0 | 7:55 | 4:05 | 1500.0 | -1044.3 | 4:25 | 7:35 | 1500.0 | 837.6 |
| 11:20 | 12:40 | 208.4 | -1500.0 | 7:50 | 4:10 | 1500.0 | -990.9 | 4:20 | 7:40 | 1500.0 | 887.6 |
| 11:15 | 12:45 | 235.1 | -1500.0 | 7:45 | 4:15 | 1500.0 | -938.7 | 4:15 | 7:45 | 1500.0 | 938.7 |
| 11:10 | 12:50 | 262.0 | -1500.0 | 7:40 | 4:20 | 1500.0 | -887.6 | 4:10 | 7:50 | 1500.0 | 990.9 |
| 11:05 | 12:55 | 289.2 | -1500.0 | 7:35 | 4:25 | 1500.0 | -837.6 | 4:05 | 7:55 | 1500.0 | 1044.3 |
| 11:00 | 1:00 | 316.7 | -1500.0 | 7:30 | 4:30 | 1500.0 | -788.5 | 4:00 | 8:00 | 1500.0 | 1099.0 |
| 10:55 | 1:05 | 344.5 | -1500.0 | 7:25 | 4:35 | 1500.0 | -740.2 | 3:55 | 8:05 | 1500.0 | 1155.1 |
| 10:50 | 1:10 | 372.7 | -1500.0 | 7:20 | 4:40 | 1500.0 | -692.8 | 3:50 | 8:10 | 1500.0 | 1212.7 |
| 10:45 | 1:15 | 401.2 | -1500.0 | 7:15 | 4:45 | 1500.0 | -646.2 | 3:45 | 8:15 | 1500.0 | 1271.9 |
| 10:40 | 1:20 | 430.2 | -1500.0 | 7:10 | 4:50 | 1500.0 | -600.2 | 3:40 | 8:20 | 1500.0 | 1332.9 |
| 10:35 | 1:25 | 459.7 | -1500.0 | 7:05 | 4:55 | 1500.0 | -554.8 | 3:35 | 8:25 | 1500.0 | 1395.7 |
| 10:30 | 1:30 | 489.6 | -1500.0 | 7:00 | 5:00 | 1500.0 | -510.0 | 3:30 | 8:30 | 1500.0 | 1460.6 |
| 10:25 | 1:35 | 520.1 | -1500.0 | 6:55 | 5:05 | 1500.0 | -465.8 | | | | |
| 10:20 | 1:40 | 551.2 | -1500.0 | 6:50 | 5:10 | 1500.0 | -422.0 | | | | |
| 10:15 | 1:45 | 582.9 | -1500.0 | 6:45 | 5:15 | 1500.0 | -378.6 | | | | |
| 10:10 | 1:50 | 615.3 | -1500.0 | 6:40 | 5:20 | 1500.0 | -335.6 | | | | |
| 10:05 | 1:55 | 648.5 | -1500.0 | 6:35 | 5:25 | 1500.0 | -293.0 | | | | |
| 10:00 | 2:00 | 682.4 | -1500.0 | 6:30 | 5:30 | 1500.0 | -250.6 | | | | |
| 9:55 | 2:05 | 717.3 | -1500.0 | 6:25 | 5:35 | 1500.0 | -208.5 | | | | |
| 9:50 | 2:10 | 753.0 | -1500.0 | 6:20 | 5:40 | 1500.0 | -166.5 | | | | |
| 9:45 | 2:15 | 789.8 | -1500.0 | 6:15 | 5:45 | 1500.0 | -124.8 | | | | |
| 9:40 | 2:20 | 827.7 | -1500.0 | 6:10 | 5:50 | 1500.0 | -83.1 | | | | |
| 9:35 | 2:25 | 866.7 | -1500.0 | 6:05 | 5:55 | 1500.0 | -41.5 | | | | |
| 9:30 | 2:30 | 907.0 | -1500.0 | 6:00 | 6:00 | 1500.0 | 0.0 | | | | |
| 9:25 | 2:35 | 948.7 | -1500.0 | 5:55 | 6:05 | 1500.0 | 41.5 | | | | |
| 9:20 | 2:40 | 991.8 | -1500.0 | 5:50 | 6:10 | 1500.0 | 83.1 | | | | |
| 9:15 | 2:45 | 1036.6 | -1500.0 | 5:45 | 6:15 | 1500.0 | 124.8 | | | | |
| 9:10 | 2:50 | 1083.1 | -1500.0 | 5:40 | 6:20 | 1500.0 | 166.5 | | | | |
| 9:05 | 2:55 | 1131.5 | -1500.0 | 5:35 | 6:25 | 1500.0 | 208.5 | | | | |
| 9:00 | 3:00 | 1182.0 | -1500.0 | 5:30 | 6:30 | 1500.0 | 250.6 | | | | |
| 8:55 | 3:05 | 1234.8 | -1500.0 | 5:25 | 6:35 | 1500.0 | 293.0 | | | | |
| 8:50 | 3:10 | 1289.9 | -1500.0 | 5:20 | 6:40 | 1500.0 | 335.6 | | | | |
| 8:45 | 3:15 | 1347.8 | -1500.0 | 5:15 | 6:45 | 1500.0 | 378.6 | | | | |
| 8:40 | 3:20 | 1408.7 | -1500.0 | 5:10 | 6:50 | 1500.0 | 422.0 | | | | |
| 8:35 | 3:25 | 1472.8 | -1500.0 | 5:05 | 6:55 | 1500.0 | 465.8 | | | | |
| 8:30 | 3:30 | 1500.0 | -1460.6 | 5:00 | 7:00 | 1500.0 | 510.0 | | | | |