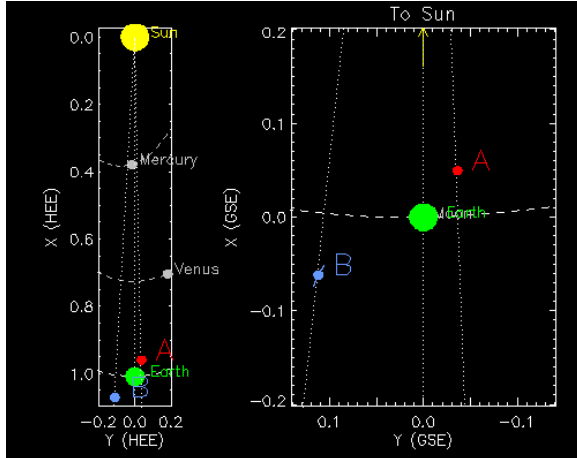


Positions of STEREO A and B for 2023-09-05T15:23 UT



| | STEREO-B | Earth | STEREO-A |
|----------------------------------|----------|----------|----------|
| Heliocentric distance (AU) | 1.075665 | 1.008290 | 0.959004 |
| Semidiameter (arcsec) | 892.125 | 951.738 | 1000.650 |
| HCI longitude | 260.680 | 266.700 | 268.878 |
| HCI latitude | 7.129 | 7.240 | 7.345 |
| Carrington longitude | 328.902 | 334.922 | 337.101 |
| Carrington rotation number | 2275.086 | 2275.070 | 2275.064 |
| Heliographic (HEEQ) longitude | -6.020 | -0.000 | 2.178 |
| Heliographic (HEEQ) latitude | 7.129 | 7.240 | 7.345 |
| HAE longitude | 336.518 | 342.492 | 344.653 |
| Earth Ecliptic (HEE) longitude | -5.974 | -0.000 | 2.161 |
| Earth Ecliptic (HEE) latitude | -0.029 | -0.000 | 0.094 |
| Roll from ecliptic north | -0.272 | | -2.485 |
| Roll from solar north | -1.444 | | -2.627 |
| Light travel time to Earth (min) | 1.062 | 0.513 | |
| Separation angle with Earth | 5.974 | 2.163 | |
| Separation angle A with B | | 8.136 | |

Carrington rotation 2275 runs from 2023-09-03 17:48 (DOY 246.74) to 2023-10-01 00:16 (DOY 274.01), as seen from Earth.