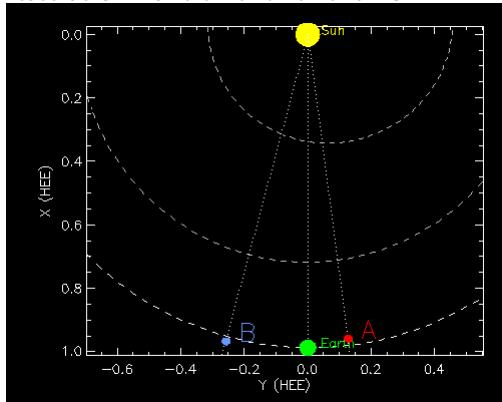


Positions of STEREO A and B for 2024-02-10T23:21 UT



| | STEREO-B | Earth | STEREO-A |
|----------------------------------------------------------------------------------------------------------------------|----------|----------|----------|
| Heliocentric distance (AU) | 0.999849 | 0.986838 | 0.966146 |
| Semidiameter (arcsec) | 959.773 | 972.427 | 993.254 |
| HCI longitude | 50.469 | 65.441 | 73.086 |
| HCI latitude | -5.485 | -6.603 | -7.056 |
| Carrington longitude | 32.848 | 47.820 | 55.465 |
| Carrington rotation number | 2280.909 | 2280.867 | 2280.846 |
| Heliographic (HEEQ) longitude | -14.972 | 0.000 | 7.645 |
| Heliographic (HEEQ) latitude | -5.485 | -6.603 | -7.056 |
| HAE longitude | 126.451 | 141.380 | 148.984 |
| Earth Ecliptic (HEE) longitude | -14.929 | -0.000 | 7.603 |
| Earth Ecliptic (HEE) latitude | 0.122 | 0.000 | -0.113 |
| Roll from ecliptic north | 0.456 | | 0.839 |
| Roll from solar north | 5.064 | | 2.944 |
| Light travel time to Earth (min) | 2.149 | 1.091 | |
| Separation angle with Earth | 14.930 | 7.604 | |
| Separation angle A with B | | 22.534 | |
| Carrington rotation 2280 runs from 2024-01-18 06:18 (DOY 18.26) to 2024-02-14 14:30 (DOY 45.60), as seen from Earth. | | | |