

Planetary gathering of April 22 (julian) 967 AD (23:56:40 = true midnight)

Local civil time (Phnom Bok)

All angles are measured clockwise from East

| | Sun | Mercury | Saturn | Jupiter | Venus | Mars | Moon |
|--|-----------------------------|-----------------------------|-----------------------------|--------------------------|------------------------|-------------------------------|----------------------------|
| Ecliptic longitude from vernal equinox | 36° 43.611' = 36.727° | 26° 22.173' = 26.370° | 11° 43.109' = 11.718° | 6° 2.486' = 6.041° | 4° 51.883' = 4.865° | 356° 53.941' = 356.899° | 156° 35.263' = 156.588° |
| Ecliptic longitude from Sun | 0.000° | -10.357° | -25.009° | -30.686° | -31.862° | -39.828° | 119.861° |
| Midnight Apogee from vernal equinox | 80° | 220° | 240° | 160° | 80° | 110° | |
| Midnight Apogee from Sun | 43.273° | 183.273° | 203.273° | 123.273° | 43.273° | 73.273° | |

Planetary gathering of April 15 (julian) 967 AD (23:58:12 = true midnight)

and parameters of Midnight system

Local civil time (Phnom Bok)

All angles are measured clockwise from East

| | Sun | Mercury | Saturn | Jupiter | Venus | Mars | Moon |
|--|------------------------------------|-----------------------------|-----------------------------|---------------------------|-------------------------------|-------------------------------|------------------------|
| Ecliptic longitude from vernal equinox | 29° 58.170' = 29.970° | 12° 59.649' = 12.994° | 10° 52.212' = 10.870° | 4° 27.467' = 4.458° | 356° 31.399' = 356.523° | 351° 33.788' = 351.563° | 63.24° |
| Ecliptic longitude from Sun | 0.000° | -16.976° | -19.100° | -25.512° | -33.447° | -38.407° | 33.27° |
| Mean apogee from vernal equinox | 80° | 220° | 240° | 160° | 80° | 110° | 2.354° (calculated) |
| Mean apogee from Sun | 50.03° | 190.03° | 210.03° | 130.03° | 50.03° | 80.03° | -27.616° |
| Midnight Eccentricity (2e) | 0.0389 | 0.0778 | 0.1667 | 0.0889 | 0.0389 | 0.1944 | 0.0861 |
| Midnight Eccentricity/2 (e) | 0.0194 | 0.0389 | 0.0833 | 0.0444 | 0.0194 | 0.0972 | 0.0431 |
| Midnight Ratio R/r or r/R | | 0.3667 | 9 | 5 | 0.7222 | 1.538 | |