## 2023. 12. 6. (Wed) 10h38m UTC UCAC4 110145670 by (3200) Phaethon

```
Asteroid: Diam. = 5 km
                                    Star:
                                               R.A.2000 = 21h00m18.66567s + 0.0598"
                                                Dec.2000 = +06^{\circ}41'02.2133" + 0.0669"
                    = 0.007"
            error = 0.010"
                                                Mν.
                                                           = 12.45 \text{ mag}
            Mv. = 16.9 \text{ mag}
Vra = +4700"/day
                                                Sp. type =
                                                Var.
                                                                        mag
            Vdec = +964''/day
                                               Sep.
            dist. = 1.03025au type = Apollo
                                                PA
                                               dmag
           elong.= 68°
elong.= 136°
sunlit = -39 %
Sun:
                                    Partial duration
                                    Diffraction 1/4 time = 0.005 sec
Moon:
                                    Extinct.: Dur.
                                                           = 0.0 sec
Cond.:
            score = -inf pt.
                                                         = 4.5 \, \text{mag}
                                                drop
Visibility: centerline = 3.96\% \pm 0.5sigma = 3.40\%
                                                                    \pm 2.0sigma = 0.49%
            \pm 0.5 \text{ r} = 3.96% \pm 1.0 \text{sigma} = 2.28% \pm 2.5 \text{sigma} = 0.15% N/S edge = 3.95% \pm 1.5 \text{sigma} = 1.19% \pm 3.0 \text{sigma} = 0.04%
                        10h34m20s - 10h37m20s
                                                           step 1 min.
```

