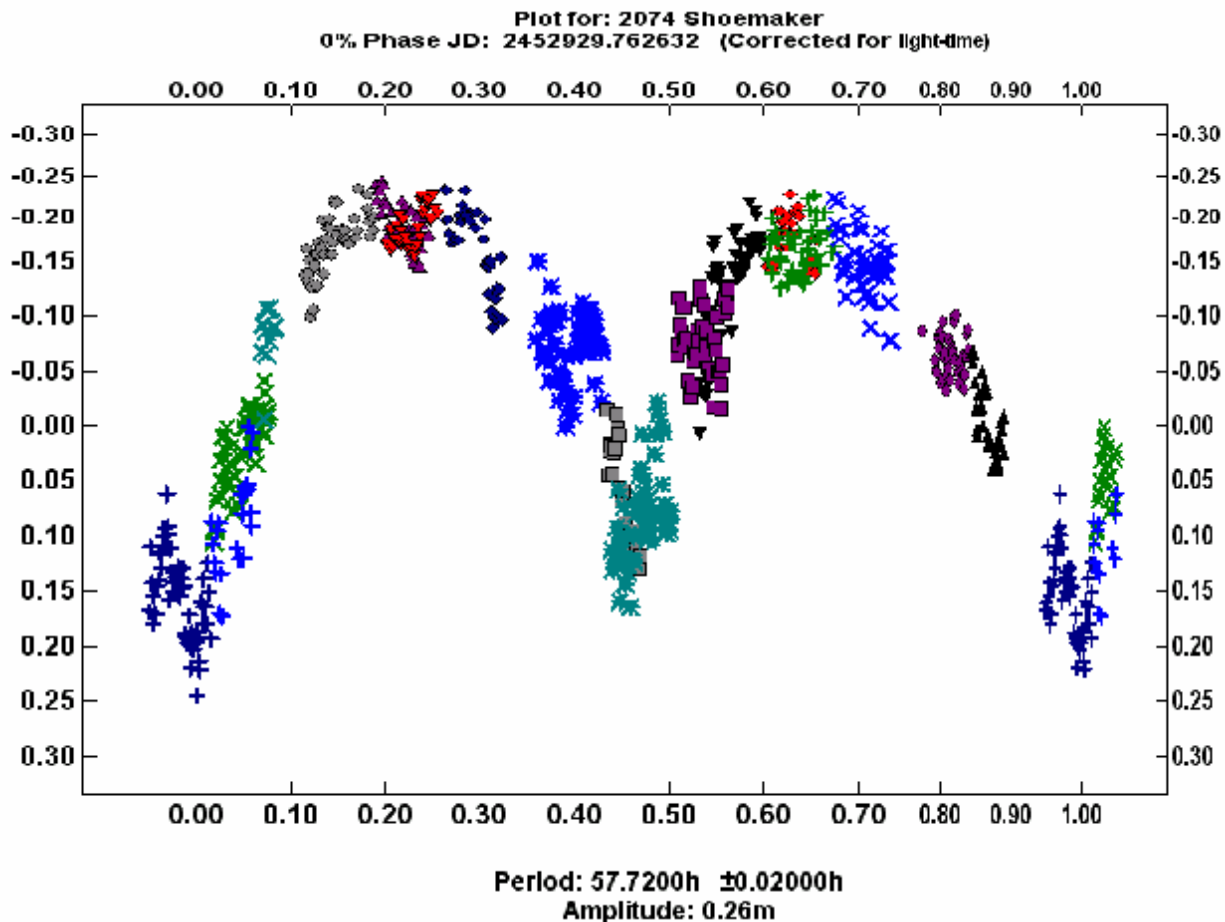


# (2074) Shoemaker



Period: 57.02  $\pm$  .1  
Amplitude: .45  $\pm$  .03

Dates Observed: October 15 to November 3, 2003  
Number of Sessions: 9  
Number of Observations: 722

Instruments: .35 meter F/6 SCT with a SBIG ST9e CCD Camera

Notes: Shoemaker is a Hungaria asteroid discovered on October 17, 1974 by E. Helin at Palomar. It is named in honor of her colleague Eugene Shoemaker (1928-1997). Based upon its H value, Shoemaker is assumed to be between 4 and 9 km in size. Its long period made it very difficult to get adequate overlap between sessions. Each session contributed barely 10 percent to the lightcurve. Finally, the California wildfires, which burned to within a quarter mile of the observatory curtailed observations until the asteroid was too low to observe. Because the asteroid was moving so fast, each night had to be split into two sessions with different comparison stars.

◇	297 - 10/16
△	298 - 10/16
▽	299 - 10/16
◆	300 - 10/16
+	301 - 10/17
×	302 - 10/17
*	303 - 10/18
■	304 - 10/18
◆	305 - 10/19
▲	306 - 10/19
▼	307 - 10/20
◆	308 - 10/20
+	309 - 10/21
×	310 - 10/21
*	311 - 10/23
■	312 - 10/23
+	317 - 11/03
×	318 - 11/03

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