

2016 JT38

First observed at Cerro Tololo-DECam on 2016-05-04.

(Discoverer will be defined when the object is numbered. See [this note](#) on how discoverers are determined.)

Orbit

Orbit type: Apollo

Potentially Hazardous Asteroid

One opposition object seen prior.

Interactive Orbit Sketch

Note: WebGL enabled browser required.

|                            |                  |                           |             |  |               |
|----------------------------|------------------|---------------------------|-------------|--|---------------|
| epoch                      | 2016-04-22.0     | semimajor axis (AU)       | 2.2590936   | <a href="#">orbit note</a>                   |               |
| epoch JD                   | 2457500.5        | mean anomaly (°)          | 328.05967   | reference                                    | MPEC 2018-X15 |
| perihelion date            | 2016-08-10.03652 | mean daily motion (°/day) | 0.29027020  | observations used                            | 3             |
| perihelion JD              | 2457610.53652    | aphelion distance (AU)    | 3.698       | oppositions                                  | 1             |
| argument of perihelion (°) | 87.98147         | period (years)            | 3.4         | arc length (days)                            | 2             |
| ascending node (°)         | 236.53682        | P-vector [x]              | 0.81420213  | first opposition used                        | 2016          |
| inclination (°)            | 0.88193          | P-vector [y]              | -0.53860491 | last opposition used                         | 2016          |
| eccentricity               | 0.6368472        | P-vector [z]              | -0.21674789 | residual rms (arc-secs)                      | 0.51          |
| perihelion distance (AU)   | 0.8203962        | Q-vector [x]              | 0.58043950  | <a href="#">perturbers coarse indicator</a>  |               |
| Tisserand w.r.t. Jupiter   | 3.3              | Q-vector [y]              | 0.74689292  | <a href="#">perturbers precise indicator</a> | 0000          |
| ΔV w.r.t. Earth (km/sec)   | 6.9              | Q-vector [z]              | 0.32440862  | first observation date used                  | 2016-05-03.0  |
|                            |                  | absolute magnitude        | 21.2        | last observation date used                   | 2016-05-05.0  |
|                            |                  | phase slope               | 0.15        | computer name                                | MPCW          |

Observations

10 total observations over interval: 2016 05 03.37727 – 2016 05 05.30645

These data are available for [download](#) ([format description](#)).

| Date (UT)        | J2000 RA    | J2000 Dec   | Magn   | <a href="#">Location</a> | <a href="#">Ref</a> |
|------------------|-------------|-------------|--------|--------------------------|---------------------|
| 2016 05 03.37727 | 14 35 11.86 | -15 50 40.7 | 20.4 V | W84 – Cerro Tololo-DECam | MPEC X15            |
| 2016 05 03.38043 | 14 35 11.55 | -15 50 38.7 | 20.4 V | W84 – Cerro Tololo-DECam | MPEC X15            |
| 2016 05 04.26471 | 14 33 34.26 | -15 42 13.3 | 22.2 V | W84 – Cerro Tololo-DECam | MPS 712049          |
| 2016 05 04.26789 | 14 33 33.89 | -15 42 11.6 |        | W84 – Cerro Tololo-DECam | MPS 712049          |
| 2016 05 04.27107 | 14 33 33.52 | -15 42 09.7 |        | W84 – Cerro Tololo-DECam | MPS 712049          |
| 2016 05 04.27425 | 14 33 33.15 | -15 42 07.7 |        | W84 – Cerro Tololo-DECam | MPS 712049          |
| 2016 05 04.27742 | 14 33 32.77 | -15 42 05.9 |        | W84 – Cerro Tololo-DECam | MPS 712049          |
| 2016 05 05.29713 | 14 31 37.30 | -15 32 14.9 |        | 291 – LPL/Spacewatch II  | MPS 712049          |
| 2016 05 05.30179 | 14 31 36.73 | -15 32 10.4 |        | 291 – LPL/Spacewatch II  | MPS 712049          |
| 2016 05 05.30645 | 14 31 36.22 | -15 32 09.4 |        | 291 – LPL/Spacewatch II  | MPS 712049          |

