

OBSERVERS

PUBLIC

DATA

IAWN

2016 JL38

First observed at Cerro Tololo-DECam on 2016-05-03.

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

Orbit

Orbit type: Apollo

Near-Earth Object

Interactive Orbit Sketch

Note: WebGL enabled browser required.

epoch	2016-04-22.0	semimajor axis (AU)	1.0502679	<a href="#">orbit note</a>	E
epoch JD	2457500.5	mean anomaly (°)	77.72649	reference	MPO 382825
perihelion date	2016-01-28.11805	mean daily motion (°/day)	0.91570110	observations used	6
perihelion JD	2457415.61805	aphelion distance (AU)	1.396	oppositions	1
argument of perihelion (°)	237.77169	period (years)	1.08	arc length (days)	1
ascending node (°)	220.03342	P-vector [x]	-0.13374224	first opposition used	2016
inclination (°)	4.98908	P-vector [y]	0.93599410	last opposition used	2016
eccentricity	0.3291637	P-vector [z]	0.32561950	residual rms (arc-secs)	0.12
perihelion distance (AU)	0.7045579	Q-vector [x]	-0.98943610	<a href="#">perturbbers coarse indicator</a>	
Tisserand w.r.t. Jupiter	5.8	Q-vector [y]	-0.10756865	<a href="#">perturbbers precise indicator</a>	0000
ΔV w.r.t. Earth (km/sec)	6.6	Q-vector [z]	-0.09718638	first observation date used	2016-05-03.0
		absolute magnitude	26.3	last observation date used	2016-05-04.0
		phase slope	0.15	computer name	MPCW

Observations

6 total observations over interval: 2016 05 03.19594 – 2016 05 04.14452

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 03.19594	13 58 42.98	-10 57 52.3	23.0 V	W84 – Cerro Tololo-DECam	MPS 712048
2016 05 03.19911	13 58 42.52	-10 57 44.4		W84 – Cerro Tololo-DECam	MPS 712048
2016 05 03.20228	13 58 42.10	-10 57 36.8		W84 – Cerro Tololo-DECam	MPS 712048
2016 05 04.13503	13 56 59.68	-10 20 43.7	23.2 V	W84 – Cerro Tololo-DECam	MPS 712048
2016 05 04.14133	13 56 58.87	-10 20 29.0		W84 – Cerro Tololo-DECam	MPS 712048
2016 05 04.14452	13 56 58.46	-10 20 22.1		W84 – Cerro Tololo-DECam	MPS 712048