

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	2019-04-27.0	semimajor axis (AU)	2.4995556	uncertainty	6
epoch JD	2458600.5	mean anomaly (°)	246.91417	reference	MPO 466822
perihelion date	2020-07-23.41777	mean daily motion (°/day)	0.24940760	observations used	18
perihelion JD	2459053.91777	aphelion distance (AU)	4.200	oppositions	1
argument of perihelion (°)	89.18380	period (years)	3.95	arc length (days)	9
ascending node (°)	236.14900	P-vector [x]	0.82235642	first opposition used	2016
inclination (°)	0.94684	P-vector [y]	-0.52837454	last opposition used	2016
eccentricity	0.6803619	P-vector [z]	-0.21106933	residual rms (arc-secs)	0.30
perihelion distance (AU)	0.7989532	Q-vector [x]	0.56880715	perturbers coarse indicator	M-v
Tisserand w.r.t. Jupiter	3.1	Q-vector [y]	0.75450866	perturbers precise indicator	003Eh
ΔV w.r.t. Earth (km/sec)	7.2	Q-vector [z]	0.32737610	first observation date used	2016-04-26.0
		absolute magnitude	20.2	last observation date used	2016-05-05.0
		phase slope	0.15	computer name	MPCW

JD of orbit computation	2458458.321589
perihelion JD uncertainty (days)	3.8278E-01
argument of perihelion uncertainty (°)	5.1362E-03
ascending node uncertainty (°)	1.8161E-03
inclination uncertainty (°)	2.0722E-04
eccentricity uncertainty	6.7617E-05
perihelion distance uncertainty (AU)	2.9997E-05

Minimum Orbit Intersection Distances (in AU)
for orbit epoch: 2458600.5, reference: E2018-X48

Mercury	0.39166
Venus	0.08928
Earth	0.00764
Mars	0.0114
Jupiter	1.16944
Saturn	5.06142
Uranus	14.122
Neptune	26.0661

Observations

18 total observations over interval: 2016 04 26.31410 – 2016 05 05.30645

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

Date (UT)	J2000 RA	J2000 Dec	Magn	Location	Ref
2016 04 26.31410	14 46 35.28	-16 47 49.3	18.9 V	W84 – Cerro Tololo-DECam	MPS 940395
2016 04 26.31791	14 46 34.95	-16 47 47.9	19.9 V	W84 – Cerro Tololo-DECam	MPS 940395
2016 04 26.32170	14 46 34.61	-16 47 45.9	19.4 V	W84 – Cerro Tololo-DECam	MPS 940395
2016 04 27.31896	14 45 08.73	-16 40 46.7	20.4 V	W84 – Cerro Tololo-DECam	MPS 940395
2016 04 27.32991	14 45 07.70	-16 40 41.6	20.3 V	W84 – Cerro Tololo-DECam	MPS 940395
2016 05 01.32405	14 38 48.61	-16 09 10.6	21.0 V	W84 – Cerro Tololo-DECam	MPS 940395
2016 05 01.33369	14 38 47.58	-16 09 05.4	20.9 V	W84 – Cerro Tololo-DECam	MPS 940395
2016 05 01.33692	14 38 47.25	-16 09 03.7	20.8 V	W84 – Cerro Tololo-DECam	MPS 940395
2016 05 03.37727	14 35 11.86	-15 50 40.7	20.4 V	W84 – Cerro Tololo-DECam	MPS 940395
2016 05 03.38043	14 35 11.55	-15 50 38.7	20.4 V	W84 – Cerro Tololo-DECam	MPS 940395
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