

OBSERVERS

PUBLIC

DATA

IAWN

2016 JG38

First observed at Cerro Tololo-DECam on 2016-05-01.

(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)	1.6929132	orbit note	
epoch JD	2457500.5	mean anomaly (°)	316.64124	reference	MPO 382825
perihelion date	2016-07-27.90029	mean daily motion (°/day)	0.44745750	observations used	10
perihelion JD	2457597.40029	aphelion distance (AU)	2.541	oppositions	1
argument of perihelion (°)	287.53682	period (years)	2.2	arc length (days)	2
ascending node (°)	29.27259	P-vector [x]	0.72820829	first opposition used	2016
inclination (°)	3.50642	P-vector [y]	-0.60332366	last opposition used	2016
eccentricity	0.5009575	P-vector [z]	-0.32513573	residual rms (arc-secs)	0.07
perihelion distance (AU)	0.8448356	Q-vector [x]	0.68470312	perturbers coarse indicator	
Tisserand w.r.t. Jupiter	4.1	Q-vector [y]	0.66113686	perturbers precise indicator	0000
ΔV w.r.t. Earth (km/sec)	6.1	Q-vector [z]	0.30672414	first observation date used	2016-05-01.0
		absolute magnitude	24.6	last observation date used	2016-05-03.0
		phase slope	0.15	computer name	MPCW

Observations

10 total observations over interval: 2016 05 01.25957 – 2016 05 03.30446

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

Date (UT)	J2000 RA	J2000 Dec	Magn	Location	Ref
2016 05 01.25957	14 25 49.57	-17 26 11.6	23.1 V	W84 – Cerro Tololo-DECam	MPS 712048
2016 05 01.26280	14 25 49.14	-17 26 11.8		W84 – Cerro Tololo-DECam	MPS 712048
2016 05 01.26595	14 25 48.69	-17 26 12.3		W84 – Cerro Tololo-DECam	MPS 712048
2016 05 01.26913	14 25 48.26	-17 26 12.6		W84 – Cerro Tololo-DECam	MPS 712048
2016 05 01.27232	14 25 47.80	-17 26 12.9		W84 – Cerro Tololo-DECam	MPS 712048
2016 05 03.29164	14 21 13.24	-17 30 33.5	23.0 V	W84 – Cerro Tololo-DECam	MPS 712048
2016 05 03.29488	14 21 12.76	-17 30 33.8		W84 – Cerro Tololo-DECam	MPS 712048
2016 05 03.29808	14 21 12.28	-17 30 34.1		W84 – Cerro Tololo-DECam	MPS 712048
2016 05 03.30128	14 21 11.80	-17 30 34.5		W84 – Cerro Tololo-DECam	MPS 712048
2016 05 03.30446	14 21 11.32	-17 30 34.8		W84 – Cerro Tololo-DECam	MPS 712048