

2014 UU56

First observed at Mt. Lemmon Survey on 2014-10-24.

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

Orbit

Orbit type: Apollo

Near-Earth Object

One opposition object seen prior.

Interactive Orbit Sketch

Note: WebGL enabled browser required.

A geocentric flyby diagram is available [here](#).

epoch	2019-04-27.0	semimajor axis (AU)	1.1029666	uncertainty	6
epoch JD	2458600.5	mean anomaly (°)	18.56392	reference	MPO 331359
perihelion date	2019-04-05.18228	mean daily motion (°/day)	0.85086430	observations used	20
perihelion JD	2458578.68228	aphelion distance (AU)	1.393	oppositions	1
argument of perihelion (°)	100.93288	period (years)	1.16	arc length (days)	4
ascending node (°)	201.43242	P-vector [x]	0.53530971	first opposition used	2014
inclination (°)	0.32147	P-vector [y]	-0.77713140	last opposition used	2014
eccentricity	0.2628771	P-vector [z]	-0.33092342	residual rms (arc-secs)	0.23
perihelion distance (AU)	0.8130219	Q-vector [x]	0.84465337	perturbbers coarse indicator	M-v
Tisserand w.r.t. Jupiter	5.6	Q-vector [y]	0.49156296	perturbbers precise indicator	003Eh
ΔV w.r.t. Earth (km/sec)	5.4	Q-vector [z]	0.21195881	first observation date used	2014-10-24.0
		absolute magnitude	28.6	last observation date used	2014-10-28.0
		phase slope	0.15	computer name	MPCALB

JD of orbit computation	2457073.947492	Minimum Orbit Intersection Distances (in AU)	
perihelion JD uncertainty (days)	2.4362E-02	for orbit epoch: 2458200.5, reference: MPO331359	
argument of perihelion uncertainty (°)	1.3785E-03	Mercury	0.371855
ascending node uncertainty (°)	6.9028E-04	Venus	0.0921152
inclination uncertainty (°)	6.7096E-05	Earth	0.0004004
eccentricity uncertainty	5.3794E-05	Mars	0.237431
perihelion distance uncertainty (AU)	3.1853E-05	Jupiter	3.79289
		Saturn	7.71835
		Uranus	16.9012
		Neptune	28.5968

Observations

20 total observations over interval: 2014 10 24.32451 – 2014 10 28.457704

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

Date (UT)	J2000 RA	J2000 Dec	Magn	Location	Ref
2014 10 24.32451	01 32 14.92	+07 19 46.8	20.4 V	G96 – Mt. Lemmon Survey	MPS 542552
2014 10 24.33058	01 32 15.24	+07 19 58.1	20.6 V	G96 – Mt. Lemmon Survey	MPS 542552
2014 10 24.33667	01 32 15.59	+07 20 08.4	20.6 V	G96 – Mt. Lemmon Survey	MPS 542552
2014 10 24.34276	01 32 15.94	+07 20 19.4	20.0 V	G96 – Mt. Lemmon Survey	MPS 542552
2014 10 24.37567	01 32 17.98	+07 21 15.1	20.6 V	G96 – Mt. Lemmon Survey	MPS 542552
2014 10 24.37928	01 32 18.25	+07 21 21.3	20.6 V	G96 – Mt. Lemmon Survey	MPS 542552
2014 10 24.38289	01 32 18.54	+07 21 27.2	20.4 V	G96 – Mt. Lemmon Survey	MPS 542552
2014 10 24.38649	01 32 18.77	+07 21 33.7	20.7 V	G96 – Mt. Lemmon Survey	MPS 542552
2014 10 25.119154	01 34 39.82	+07 40 30.0	19.9 R	H01 – Magdalena Ridge Observatory, Socorro	MPS 542552
2014 10 25.122602	01 34 40.05	+07 40 35.4	20.4 R	H01 – Magdalena Ridge Observatory, Socorro	MPS 542552
2014 10 25.133009	01 34 40.69	+07 40 51.5	20.3 R	H01 – Magdalena Ridge Observatory, Socorro	MPS 542552
2014 10 25.142451	01 34 41.21	+07 41 06.0	20.4 R	H01 – Magdalena Ridge Observatory, Socorro	MPS 542552
2014 10 25.366202	01 35 02.023	+07 47 17.13	21.1 R	F51 – Pan-STARRS 1, Haleakala	MPS 580425
2014 10 25.378444	01 35 02.071	+07 47 33.20	21.8 R	F51 – Pan-STARRS 1, Haleakala	MPS 580425
2014 10 25.403005	01 35 02.091	+07 48 04.15	21.2 R	F51 – Pan-STARRS 1, Haleakala	MPS 580425
2014 10 26.15502	01 36 35.32	+08 00 51.9		291 – LPL/Spacewatch II	MPS 542552
2014 10 26.15841	01 36 35.41	+08 00 56.1		291 – LPL/Spacewatch II	MPS 542552
2014 10 26.16179	01 36 35.51	+08 00 59.9		291 – LPL/Spacewatch II	MPS 542552
2014 10 28.453791	01 39 11.152	+08 30 22.68	22.2 R	568 – Mauna Kea	MPS 542552
2014 10 28.457704	01 39 11.085	+08 30 24.64	22.3 R	568 – Mauna Kea	MPS 542552