

OBSERVERS

DATA

IAWN

BETA

STATUS

2017 UQ6

First observed at Mt. Lemmon Survey on 2017-10-27.

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

Orbit

Orbit type: Aten

Near-Earth Object

One opposition object seen prior.

Interactive Orbit Sketch

Note: WebGL enabled browser required.

epoch	2019-04-27.0	semimajor axis (AU)	0.9438681	uncertainty	7
epoch JD	2458600.5	mean anomaly (°)	60.37801	reference	MPO 428367
perihelion date	2019-03-01.82515	mean daily motion (°/day)	1.07482280	observations used	25
perihelion JD	2458544.32515	aphelion distance (AU)	1.047	oppositions	1
argument of perihelion (°)	229.76667	period (years)	0.92	arc length (days)	17
ascending node (°)	333.35019	P-vector [x]	-0.91968784	first opposition used	2017
inclination (°)	0.58940	P-vector [y]	-0.35705378	last opposition used	2017
eccentricity	0.1093160	P-vector [z]	-0.16336117	residual rms (arc-secs)	0.27
perihelion distance (AU)	0.8406882	Q-vector [x]	0.39262321	perturbbers coarse indicator	M-v
Tisserand w.r.t. Jupiter	6.4	Q-vector [y]	-0.84114278	perturbbers precise indicator	003Eh
ΔV w.r.t. Earth (km/sec)	4.8	Q-vector [z]	-0.37192183	first observation date used	2017-10-27.0
		absolute magnitude	27.2	last observation date used	2017-11-13.0
		phase slope	0.15	computer name	MPCLINUX

JD of orbit computation	2458071.003184
perihelion JD uncertainty (days)	1.1514E-03
argument of perihelion uncertainty (°)	4.0339E-03
ascending node uncertainty (°)	4.1494E-03
inclination uncertainty (°)	3.7417E-04
eccentricity uncertainty	7.3213E-05
perihelion distance uncertainty (AU)	1.0037E-04

Minimum Orbit Intersection Distances (in AU)
for orbit epoch: 2458600.5, reference: MPO428367

Mercury	0.39468
Venus	0.12549
Earth	0.00071
Mars	0.35609
Jupiter	3.90381
Saturn	8.10848
Uranus	17.3854
Neptune	28.8409

Observations

25 total observations over interval: 2017 10 27.25367 – 2017 11 13.21774

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

Date (UT)	J2000 RA	J2000 Dec	Magn	Location	Ref
2017 10 27.25367	01 25 45.04	+20 05 24.1	21.1 G	G96 – Mt. Lemmon Survey	MPS 831863
2017 10 27.25891	01 25 42.74	+20 05 13.6	21.2 G	G96 – Mt. Lemmon Survey	MPS 831863
2017 10 27.26425	01 25 40.45	+20 05 04.2	21.6 G	G96 – Mt. Lemmon Survey	MPS 831863
2017 10 27.26958	01 25 38.13	+20 04 53.6	21.8 G	G96 – Mt. Lemmon Survey	MPS 831863
2017 10 27.35240	01 25 02.46	+20 02 06.8	21.4 G	V06 – Catalina Sky Survey-Kuiper	MPS 831863
2017 10 27.35681	01 25 00.57	+20 01 57.2	21.3 G	V06 – Catalina Sky Survey-Kuiper	MPS 831863
2017 10 27.36124	01 24 58.72	+20 01 47.8	21.4 G	V06 – Catalina Sky Survey-Kuiper	MPS 831863
2017 10 27.36566	01 24 56.88	+20 01 38.9	21.9 G	V06 – Catalina Sky Survey-Kuiper	MPS 831863
2017 10 28.11777	01 20 35.23	+19 37 02.6		V06 – Catalina Sky Survey-Kuiper	MPS 831863
2017 10 28.12079	01 20 34.05	+19 36 57.3	21.6 G	V06 – Catalina Sky Survey-Kuiper	MPS 831863
2017 10 28.12382	01 20 32.82	+19 36 52.0	22.2 G	V06 – Catalina Sky Survey-Kuiper	MPS 831863
2017 10 28.12684	01 20 31.60	+19 36 46.8	21.4 G	V06 – Catalina Sky Survey-Kuiper	MPS 831863
2017 10 28.348004	01 18 58.34	+19 29 33.4	21.5 G	H01 – Magdalena Ridge Observatory, Socorro	MPS 831863
2017 10 28.354370	01 18 55.72	+19 29 19.6	20.7 G	H01 – Magdalena Ridge Observatory, Socorro	MPS 831863
2017 10 28.362535	01 18 52.38	+19 29 02.0	21.6 G	H01 – Magdalena Ridge Observatory, Socorro	MPS 831863
2017 10 28.370152	01 18 49.28	+19 28 45.3	21.5 G	H01 – Magdalena Ridge Observatory, Socorro	MPS 831863
2017 10 30.28172	01 07 42.35	+18 25 05.0	20.8 R	695 – Kitt Peak	MPS 831863
2017 10 30.28842	01 07 39.65	+18 24 51.0	21.2 R	695 – Kitt Peak	MPS 831863
2017 10 30.29514	01 07 36.97	+18 24 36.9	21.3 R	695 – Kitt Peak	MPS 831863
2017 10 31.42297	01 01 13.01	+17 45 56.1	21.1 R	291 – LPL/Spacewatch II	MPS 831863
2017 10 31.42925	01 01 10.78	+17 45 41.8	21.4 R	291 – LPL/Spacewatch II	MPS 831863
2017 10 31.43551	01 01 08.59	+17 45 27.8		291 – LPL/Spacewatch II	MPS 831863
2017 11 13.19838	00 08 19.94	+11 09 39.4	22.1 R	291 – LPL/Spacewatch II	MPS 835765
2017 11 13.20805	00 08 17.84	+11 09 24.3	21.6 R	291 – LPL/Spacewatch II	MPS 835765
2017 11 13.21774	00 08 15.70	+11 09 09.2	21.8 R	291 – LPL/Spacewatch II	MPS 835765