

OBSERVERS

DATA

IAWN

BETA

STATUS

2018 BX5

First observed at Mt. Lemmon Survey on 2018-01-24.

(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.

epoch	2019-04-27.0	semimajor axis (AU)	1.3174193	<a href="#">uncertainty</a>	7
epoch JD	2458600.5	mean anomaly (°)	329.18311	reference	MPO 431488
perihelion date	2019-06-13.27929	mean daily motion (°/day)	0.65180520	observations used	26
perihelion JD	2458647.77929	aphelion distance (AU)	1.757	oppositions	1
argument of perihelion (°)	259.29552	period (years)	1.51	arc length (days)	3
ascending node (°)	164.94404	P-vector [x]	0.43460914	first opposition used	2018
inclination (°)	0.09273	P-vector [y]	0.82693325	last opposition used	2018
eccentricity	0.3334706	P-vector [z]	0.35678607	residual rms (arc-secs)	0.29
perihelion distance (AU)	0.8780986	Q-vector [x]	-0.90061908	<a href="#">perturbbers coarse indicator</a>	M-v
Tisserand w.r.t. Jupiter	4.9	Q-vector [y]	0.39886576	<a href="#">perturbbers precise indicator</a>	003Eh
ΔV w.r.t. Earth (km/sec)	5.2	Q-vector [z]	0.17260181	first observation date used	2018-01-22.0
		absolute magnitude	28.9	last observation date used	2018-01-25.0
		phase slope	0.15	computer name	MPCW

JD of orbit computation	2458145.239633
perihelion JD uncertainty (days)	4.1863E-03
argument of perihelion uncertainty (°)	8.1276E-03
ascending node uncertainty (°)	7.6463E-03
inclination uncertainty (°)	5.3736E-05
eccentricity uncertainty	1.9942E-04
perihelion distance uncertainty (AU)	5.2842E-05

Minimum Orbit Intersection Distances (in AU)

for orbit epoch: 2458600.5, reference: MPO431488

Mercury	0.56857
Venus	0.15692
Earth	0.00055
Mars	0.017
Jupiter	3.55986
Saturn	8.09766
Uranus	16.7347
Neptune	28.5385

Observations

26 total observations over interval: 2018 01 22.47374 – 2018 01 25.35300

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

Date (UT)	J2000 RA	J2000 Dec	Magn	<a href="#">Location</a>	<a href="#">Ref</a>
2018 01 22.47374	07 37 38.605	+15 34 36.76	19.1 w	F51 – Pan-STARRS 1, Haleakala	MPS 862081
2018 01 24.25430	08 23 22.97	+15 59 50.1	20.3 G	G96 – Mt. Lemmon Survey	MPS 862081
2018 01 24.25943	08 23 26.51	+15 59 52.2	20.6 G	G96 – Mt. Lemmon Survey	MPS 862081
2018 01 24.26461	08 23 30.08	+15 59 54.6		G96 – Mt. Lemmon Survey	MPS 862081
2018 01 24.26975	08 23 33.68	+15 59 56.7	20.7 G	G96 – Mt. Lemmon Survey	MPS 862081
2018 01 24.292358	08 23 47.33	+15 59 52.6	20.2 G	H01 – Magdalena Ridge Observatory, Socorro	MPS 862081
2018 01 24.295484	08 23 49.45	+15 59 53.2	20.4 G	H01 – Magdalena Ridge Observatory, Socorro	MPS 862081
2018 01 24.306426	08 23 56.85	+15 59 55.6	20.0 G	H01 – Magdalena Ridge Observatory, Socorro	MPS 862081
2018 01 24.30651	08 23 58.63	+16 00 07.6	20.4 G	I52 – Steward Observatory, Mt. Lemmon Station	MPS 862081
2018 01 24.30775	08 23 59.51	+16 00 07.6	20.4 G	I52 – Steward Observatory, Mt. Lemmon Station	MPS 862081
2018 01 24.30899	08 24 00.31	+16 00 08.3	20.3 G	I52 – Steward Observatory, Mt. Lemmon Station	MPS 862081
2018 01 24.31024	08 24 01.16	+16 00 08.7	20.6 G	I52 – Steward Observatory, Mt. Lemmon Station	MPS 862081
2018 01 24.314740	08 24 02.44	+15 59 56.9	20.3 G	H01 – Magdalena Ridge Observatory, Socorro	MPS 862081
2018 01 25.194273	08 34 29.68	+16 00 58.1	20.8 G	H01 – Magdalena Ridge Observatory, Socorro	MPS 862081
2018 01 25.202129	08 34 33.29	+16 01 01.3	20.5 G	H01 – Magdalena Ridge Observatory, Socorro	MPS 862081
2018 01 25.207385	08 34 35.68	+16 01 03.3	21.1 G	H01 – Magdalena Ridge Observatory, Socorro	MPS 862081
2018 01 25.20991	08 34 38.23	+16 01 10.5	21.8 G	I52 – Steward Observatory, Mt. Lemmon Station	MPS 862081
2018 01 25.21160	08 34 39.00	+16 01 11.6	21.3 G	I52 – Steward Observatory, Mt. Lemmon Station	MPS 862081
2018 01 25.21325	08 34 39.73	+16 01 11.7	21.4 G	I52 – Steward Observatory, Mt. Lemmon Station	MPS 862081
2018 01 25.215344	08 34 39.26	+16 01 06.0	20.0 G	H01 – Magdalena Ridge Observatory, Socorro	MPS 862081
2018 01 25.27497	08 35 06.36	+16 01 29.1	20.8 G	V06 – Catalina Sky Survey-Kuiper	MPS 862081
2018 01 25.27630	08 35 06.83	+16 01 29.9	20.0 G	V06 – Catalina Sky Survey-Kuiper	MPS 862081
2018 01 25.27762	08 35 07.46	+16 01 29.6	20.2 G	V06 – Catalina Sky Survey-Kuiper	MPS 862081
2018 01 25.27894	08 35 08.00	+16 01 30.3	19.5 G	V06 – Catalina Sky Survey-Kuiper	MPS 862081
2018 01 25.31742	08 35 18.30	+16 00 51.3	21.4 R	H36 – Sandlot Observatory, Scranton	MPS 862081
2018 01 25.35300	08 35 33.29	+16 00 45.2	21.2 R	H36 – Sandlot Observatory, Scranton	MPS 862081