



JPL Small-Body Database Browser

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(2020 SW)

Classification: [Aphel](#) [info] SPW-ID: 54054455

[ [Ephemera](#) | [Orbit Diagram](#) | [Orbital Elements](#) | [Mission Design](#) | [Physical Parameters](#) | [Close-Approach Data](#) ]

[ [show orbit diagram](#) ]

Orbital Elements at Epoch 2459000.5 (2020-May-31.0) TDB

Reference: [JPL-1](#) (heliocentric ecliptic J2000)

Table with columns: Element, Value, Uncertainty (1-sigma), Units. Rows include semi-major axis (a), eccentricity (e), inclination (i), longitude of ascending node (Omega), argument of perihelion (omega), mean anomaly (M), time of perihelion passage (Tp), and other parameters.

Orbit Determination Parameters table with columns: # obs. used, # obs. used (total), and various parameters like epoch, source, producer, solution date.

[ [show covariance matrix](#) ]

[ [Ephemera](#) | [Orbit Diagram](#) | [Orbital Elements](#) | [Mission Design](#) | [Physical Parameters](#) | [Close-Approach Data](#) ]

Physical Parameter Table

Table with columns: Parameter, Symbol, Value, Units, Sigma, Reference, Notes. Row for absolute magnitude (H) with value 26.943 and sigma 2.899.

[ [hide close-approach data](#) ]

Close-Approach Data

sorted by Date/Time (TDB)

Large table with columns: Date/Time (TDB), Time Uncertainty (days, 95% limit), Body, Nominal Distance (au), Minimum Distance (au), Maximum Distance (au), Relative (km/s), Velocity (km/s), J(D) (TDB), Time Uncertainty (minutes), Semi-major axis (km), Semi-minor axis (km), range LOV angle (deg), Nsigma, BP, Orbit Ref., Reference, Modified.

[ [Ephemera](#) | [Orbit Diagram](#) | [Orbital Elements](#) | [Mission Design](#) | [Physical Parameters](#) | [Close-Approach Data](#) ]

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