

518 Halawe

Halawe (minor planet designation: **518 Halawe**) is a minor planet orbiting the Sun. It is named after the Middle Eastern confectionery halva.

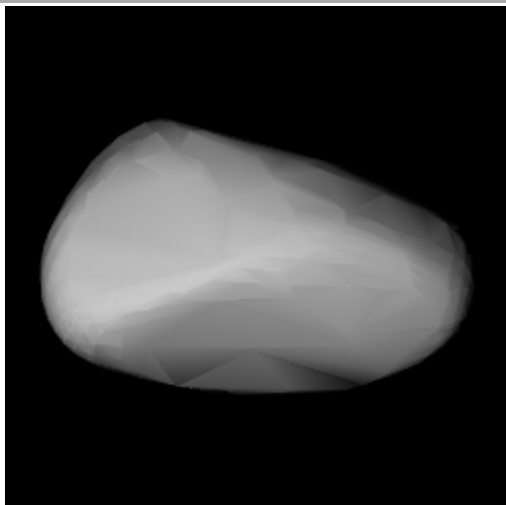
References

1. "518 Halawe (1903 MO)" (<https://ssd.jpl.nasa.gov/sbdb.cgi?sstr=518;cad=1>). *JPL Small-Body Database*. NASA/Jet Propulsion Laboratory. Retrieved 6 May 2016.

External links

- 518 Halawe (<https://newton.spacedys.com/astdys/index.php?n=518&pc=1.1.0>) at *AstDyS-2, Asteroids—Dynamic Site*
 - Ephemeris (<https://newton.spacedys.com/astdys/index.php?n=518&pc=1.1.3.0>) • Observation prediction (<https://newton.spacedys.com/astdys/index.php?n=518&pc=1.1.4.0>) • Orbital info (<https://newton.spacedys.com/astdys/index.php?n=518&pc=1.1.1>) • Proper elements (<https://newton.spacedys.com/astdys/index.php?n=518&pc=1.1.6>) • Observational info (<https://newton.spacedys.com/astdys/index.php?n=518&pc=1.1.7.0>)
- 518 Halawe (<https://ssd.jpl.nasa.gov/sbdb.cgi?sstr=2000518#content>) at the *JPL Small-Body Database*
 - Close approach (<https://ssd.jpl.nasa.gov/sbdb.cgi?sstr=2000518;cad=1#cad>) • Discovery (<https://ssd.jpl.nasa.gov/sbdb.cgi?sstr=2000518#discovery>) • Ephemeris (https://ssd.jpl.nasa.gov/horizons.cgi?find_body=1&body_group=sb&sstr=2000518) • Orbit diagram (<https://ssd.jpl.nasa.gov/sbdb.cgi?sstr=2000518&orb=1#orb>) • Orbital elements (<https://ssd.jpl.nasa.gov/sbdb.cgi?sstr=2000518#elem>) • Physical parameters (https://ssd.jpl.nasa.gov/sbdb.cgi?sstr=2000518#phys_par)

518 Halawe



Modelled shape of *Halawe* from its lightcurve

Discovery	
Discovered by	Raymond Smith Dugan
Discovery site	Heidelberg
Discovery date	20 October 1903
Designations	
MPC designation	(518) Halawe
Alternative designations	1903 MO
Orbital characteristics ^[1]	
Epoch 31 July 2016 (JD 2457600.5)	
Uncertainty parameter 0	
Observation arc	112.49 yr (41086 d)
Aphelion	3.1107 AU (465.35 Gm)
Perihelion	1.9544 AU (292.37 Gm)
Semi-major axis	2.5325 AU (378.86 Gm)
Eccentricity	0.22829
Orbital period	4.03 yr (1472.1 d)
Mean anomaly	21.1970°

Mean motion	0° 14 ^m 40.38 ^s / day
Inclination	6.7288°
Longitude of ascending node	203.955°
Argument of perihelion	117.567°
Physical characteristics	
Mean radius	7.815 ± 0.9 km
Rotation period	14.310 h (0.5963 d)
Geometric albedo	0.2880 ± 0.079
Absolute magnitude (<i>H</i>)	11.00

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