

Extended Data Table 1 | Summary of measured rotation periods

Telescope	Dates	Δ	r_h	Rotation Period	References
	(UTC)	(au)	(au)	(hours)	
DCT/LMI	Mar. 6 – Mar. 9, 2017	0.24 – 0.18	1.22 - 1.16	19.9 ± 0.15	This work; 11
Lowell 31"	Mar. 18 – 27, 2017	0.16 - 0.14	1.1 - 1.06	$24 - 27 \pm 0.25$	(12)
Swift/UVOT	May 6 – 9, 2017	0.21	1.1	46 – 60	This work

Δ is the geocentric distance of the comet; r_h denotes its heliocentric distance. Data are from this work and refs 11 and 12.