Table 1. Journal of Observations for Varuna

UT Date[a] (2001)	JD[b] (2450000+)	Filters[c]	Seeing[d] [arcsec]	R[e] [AU]	Δ[f] [AU]	α[g] [deg]	t_L[h] [min]
Feb 17	1957.5	R	1.1	43.0539	42.4039	0.99	352.6621
Feb 18	1958.5	V,R	0.7	43.0540	42.4171	1.01	352.7725
Feb 19	1959.5	R,B,I	0.6	43.0542	42.4306	1.02	352.8845
Feb 20	1960.5	R	0.7	43.0543	42.4443	1.04	352.9981
Apr 22	2021.5	V,R	0.7	43.0632	43.4447	1.23	361.3187
Apr 24	2023.5	R	0.7	43.0635	43.4764	1.21	361.5823
Apr 25	2024.5	R	0.7	43.0636	43.4921	1.20	361.7126

[a]Universal Time date of the observation

[b]Corresponding Julian Date at 0hr UT

[c]Filters based on the Johnson-Kron-Cousins system

[d]Image FWHM

[e]Heliocentric Distance

[f]Geocentric Distance

[g]Phase angle

[h]Light travel time