

Table 1. RN Summary

	T Pyx	IM Nor	CI Aql	V2487 Oph	U Sco	V394 CrA	T CrB	RS Oph	V745 Sco	V3890 Sgr
Number of eruptions	5	2	3	2	9	2	2	8	2	2
Eruption years	1890, 1902, 1920, 1944, 1966	1920, 2002	1917, 1941, 2000	1900, 1998	1863, 1906, 1917, 1936, 1945, 1969, 1979, 1987, 1999	1949, 1987	1866, 1946	1898, 1907, 1933, 1945, 1958, 1967, 1985, 2006	1937, 1989	1962, 1990
B_{peak} (mag)	6.7	9.2	9.4	10.1	7.8	7.0	2.5	5.3	10.5	8.9
V_{peak} (mag)	6.4	8.5	9.0	9.5	7.5	7.2	2.5	4.8	9.4	8.1
$B - V_{peak+2}$	-0.2	0.7	0.8	0.6	0.1	-0.2	0.4	0.9	1.7	0.8
V_{15days}	7.7	9.2	10.6	13.7	14.0	12.7	8.4	7.9	13.2	11.2
Plateau?	Yes	Maybe	Yes	Yes	Yes	Maybe	No	Maybe	Maybe	Maybe
Eruption light curve	Oscillations Sharp Drop	Eclipses	Sharp drop	...	Pre-erup. Dip 5 'chirps'	Post-erup. dip
Amp_B	8.9	10.2	8.0	8.2	10.3	12.0	7.9	6.9	9.5	7.4
Amp_V	9.1	9.8	7.7	8.2	10.1	11.2	7.3	6.2	9.2	7.4
$\langle B_q \rangle$ (mag)	15.6	19.3	17.1	18.1	18.4	19.2	11.6	12.4	20.5	┌ 16.4
$\langle V_q \rangle$ (mag)	15.6	18.3	16.1	17.3	18.0	18.4	10.1	11.3	18.7	15.5
V_q range (mag)	13.7 to 15.6	18 to 18.5	15.9 to 16.3	17.1 to 17.5	17.6 to 18.6	17.5 to 19.7	9.6 to 10.5	9.9 to 12.4	16.7 to 19.3	15.2 to 18.4
Quiescent long term light curve	Secular fading	Near constant	Near constant	Near constant	Highly variable	Highly variable	Fall-rise-fall	Chaotic	Fall-rise	Highly variable
Flickering?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Orbital modulation	Dip for 50%	Eclipse?	Eclipse, ellipsoidal	...	Eclipse, ellipsoidal	Ellipsoidal, eclipse	Ellipsoidal	None detected	Ellipsoidal	Ellipsoidal, eclipse
Phase of maxima	0.65	0.7	0.15	...	0.15	0.2	equal	...	0.25	0.2
P_{orb} (days)	0.0762264	0.10263312	0.6183609	~1	1.2305631	1.515682	227.5687	455.72	510	519.7
σ_P (days)	0.0000004	0.00000027	0.0000005	...	0.0000030	0.000008	0.0099	0.83	20	0.3
E_{B-V} (mag)	0.25 ± 0.02	0.8 ± 0.2	0.85 ± 0.3	0.5 ± 0.2	0.2 ± 0.1	0.2 ± 0.2	0.1 ± 0.1	0.73 ± 0.2	1 ± 0.2	0.9 ± 0.3
Distance (pc)	3500 ± 1000	3400^{+3400}_{-1700}	5000^{+5000}_{-2500}	12000^{+13000}_{-2000}	12000 ± 2000	10000^{+15000}_{-3000}	800 ± 140	4300 ± 700	7300 ± 1200	6000 ± 1000
M_B at peak (mag)	-7.0	-6.7	-7.6	-7.3	-8.4	-8.8	-7.4	-10.9	-7.9	-8.7
M_V at peak (mag)	-7.1	-6.6	-7.1	-7.4	-8.5	-8.4	-7.3	-10.6	-8.0	-8.6
$\langle M_B \rangle$ quiescent (mag)	1.9	3.4	0.1	0.7	2.2	3.4	1.7	-3.8	2.1	-1.2
$\langle M_V \rangle$ quiescent (mag)	2.1	3.2	0.0	0.4	2.0	2.8	0.3	-4.1	1.3	-1.2
t_{-3}	37	17.6	10.0	0.4	0.4	0.4	0.4	0.6	1.0	1.0
t_2	32	50.0	25.4	6.2	1.2	2.4	4.0	6.8	6.2	6.4
t_3	62	80.2	31.6	8.4	2.6	5.2	6.0	14.0	9.0	14.4

Table 1—Continued

	T Pyx	IM Nor	CI Aql	V2487 Oph	U Sco	V394 CrA	T CrB	RS Oph	V745 Sco	V3890 Sgr
t_6	175	280	417	52	11	19	15	88	...	28
$\langle F_{disc} \rangle$ (undirected)	0.19	0.15	0.05	0.012	0.006	0.013	0.09	0.06	0.014	0.03
$\langle F_{disc} \rangle$ (directed)	1.00	0.68	0.83	0.30	0.53	0.48	0.99	1.00	0.36	0.43
τ_{rec} (years)	24	82 (or 41?)	24	18	10.3	30	80	14.7	21	25
Next eruption	2052±3	2084 (or 2043?)	2024	2016	2009.3±1.0	2017	2026	2021	2010	2015