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Table 1. Orbital elements for mild barium stars. No uncertainties are given for fixed parameters. N is the number of measurements used to derive the orbital solution and $O-C$ the residue around this solution. ΔT is the span of the observations

Id HD/DM	P [days]	T [HJD -2400000]	e	γ [$\mathrm{km\,s^{-1}}$]	ω [deg]	K [$\mathrm{km\,s^{-1}}$]	$f(m)$	$a \sin i$ [Gm]	N	$O-C$ [$\mathrm{km\,s^{-1}}$]	ΔT [days]
22589	5721.181	48674.73	0.240	-27.97	341.09	1.97	4.180e-03	150.74	19	0.217	3641
	453.986	133.44	0.175	0.62	17.38	0.28	2.471e-03	63.26			
40430	$P > 3700$								15		3720
51959	$P > 3700$								21		3720
59852	3463.906	46841.03	0.152	0.07	88.83	1.85	2.190e-03	86.98	19	0.273	3643
	53.776	187.14	0.057	0.07	20.68	0.12	4.376e-04	5.93			
91208	1754.002	45628.36	0.171	0.19	79.25	5.05	2.239e-02	119.93	24	0.387	3036
	13.321	54.16	0.022	0.08	10.11	0.11	1.555e-03	2.91			
95193	1653.728	46083.62	0.135	-7.32	283.23	5.37	2.585e-02	120.97	18	0.264	2596
	8.950	38.25	0.017	0.07	7.60	0.10	1.446e-03	2.34			
131670	2929.730	46405.11	0.162	-25.13	49.88	5.16	4.005e-02	204.94	55	0.363	5865
	12.265	44.96	0.014	0.05	5.44	0.08	1.830e-03	3.22			
134698	$P > 3600$								22		3630
143899	1461.608	46243.43	0.194	-29.83	277.66	4.95	1.740e-02	97.64	26	0.271	2649
	6.919	19.76	0.025	0.06	4.57	0.10	1.065e-03	2.04			
196673	6500.0	43953.72	0.645	-24.61	111.06	3.49	1.274e-02	237.99	51	0.468	5971
	–	26.79	0.028	0.10	4.48	0.17	2.175e-03	13.54			
288174	1824.286	47157.62	0.194	34.67	48.33	4.55	1.684e-02	111.96	14	0.147	3296
	7.057	17.73	0.015	0.04	3.95	0.07	7.431e-04	1.70			
$-01°3022$	3252.530	46817.14	0.285	-35.38	212.09	3.76	1.586e-02	161.34	26	0.253	3667
	31.420	34.35	0.018	0.06	4.31	0.09	1.185e-03	4.28			
$-10°4311$	$P > 3400$								33		3392
$-14°2678$	3470.519	48828.06	0.217	4.93	282.61	4.07	2.252e-02	189.38	15	0.390	3295
	107.690	107.22	0.040	0.12	12.16	0.14	2.501e-03	8.94			