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TIMES OF MAXIMUM FOR MIRA VARIABLES

During an investigation by one of us (T.G.B.) of the near infrared photometric properties of Mira variables, photoelectric light curves were obtained near maximum for a large number of Miras during the period July 1968 - June 1970. Times of maximum visual light were determined from all suitable light curves. These times of maximum may be useful to others for predicting future maxima as well as for computing phases of observations taken in the recent past. Table I gives the Julian Date of the maximum in the V light curve and the period (1) for each variable. The accuracy of the determinations is typically ± 0.03 in phase. A colon denotes those dates reliable between ± 0.05 and ± 0.10 in phase and a double colon those reliable only to ± 0.10 in phase.

Table I

STAR	PERIOD	JD-2440000
T Cas	445.0 ^d	600
R And	409.2	229
Y Cep	332.62	466
U Cas	277.59	476
RW And	429.27	480
W Cas	405.0	555:
X Psc	352.6	216
UZ And	314.36	347:
RZ Per	353.52	545
R Psc	344.14	532:
SX And	334.6	234
Y And	220.42	229:
U Per	320.63	252
o Cet	331.62	120
	331.62	465
R Cet	166.23	441:
RR Per	390.14	374
R Tri	266.40	670
U Ari	371.44	220
	371.44	507
Y Per	252.30	239::
R Tau	324.34	125:
T Cam	373.98	150
RX Tau	335.06	647:
X Cam	143.40	218

Table I (Continued)

STAR	PERIOD	JD-2440000
S Foo	270. ^d 69	87
	270.69	336
R Cam	269.70	478
R Boo	223.34	283
RR Boo	194.62	110
	194.62	324
Y Lib	274.74	703
S CrB	360.68	259
S UMi	326.16	327
X CrB	240.87	95
	240.87	346
R Her	318.45	315
U Ser	238.2	431
	238.2	671
RU Her	484.46	96
U Her	406.02	94
S Oph	233.53	379
T Oph	366.98	391
SS Her	107.30	440
W Her	279.76	340
R Dra	245.55	84
	245.55	330
S Her	307.40	466
SS Oph	180.14	387
SY Her	116.9	437
	116.9	674
RT Her	298.49	353
Z Oph	348.49	479
RS Her	219.46	114
	219.46	331
RU Oph	202.39	445
T Dra	421.67	116
RY Her	221.37	340
V Dra	277.63	285
T Her	165.00	372
	165.00	707
W Dra	262.1	489
RY Oph	150.49	92
	150.49	393
TV Her	303.49	357
W Lyr	196.40	334
BC Oph	306.97	435
SV Her	239.38	404
T Ser	340.3	424
X Oph	334.22	124
	334.22	458
RY Lyr	325.71	461
ST Ser	395.21	460
R Aql	300.3	333
V Lyr	373.61	352
U Dra	317.31	520

Table I (Continued)

STAR	PERIOD	JD-2440000
V Tau	169. ^d 80	217
W Aur	274.46	694
S Ori	416.33	215
	416.33	636
RU Aur	467.70	656
Z Tau	494.13	640
X Aur	163.93	135
V Aur	353.59	232
V Mon	334.69	231
U Lyn	436.03	310
S Lyn	297.71	221
X Gem	263.47	621
Y Mon	230.90	637
R Lyn	378.61	242
R CMi	337.93	178
RR Mon	393.45	255
S CMi	332.20	220
S Gem	293.63	650
T Gem	287.61	701
R Cnc	362.06	231
V Cnc	272.14	228
U Cnc	304.99	316
	304.99	639
X UMa	248.95	707
S Hya	256.71	665
Y Dra	325.81	230
RS Leo	208.0	637
R LMi	377.34	225
S LMi	234.10	368
V Leo	273.42	246
S Sex	262.9	619
RU UMa	252.44	383
	252.44	633
R Com	362.20	238
SU Vir	210.16	326
T Vir	339.24	277
R Crv	316.74	244
SS Vir	354.66	263
	354.66	653
Y Vir	218.68	339
T UMa	256.88	481
R Vir	145.61	309
RS UMa	259.59	314
U Vir	206.78	394
V Vir	249.67	664
RR UMa	230.68	382
R CVn	328.17	290
Z Boo	281.23	245
Z Vir	306.64	348
	306.64	661
U UMi	326.48	460

Table I (Continued)

STAR	PERIOD	JD-2440000
R Sct	268. ^d 56	406
S Sct	230.71	468
U Lyr	457.34	688
RT Aql	327.13	715
R Cyg	426.32	326
RV Aql	218.72	437:
RT Cyg	190.44	407:
X Aql	347.55	453
Z Cyg	263.77	411
MX Cyg	410.60	480
CN Cyg	198.58	410:
U Cyg	464.69	354:
ST Cyg	336.01	417
S Del	277.22	104
V Cyg	421.27	680
X Del	281.29	423
RS Aqr	214.89	431
T Cep	389.27	255
	389.27	622
WY Cyg	303.90	579
RT Peg	215.49	443
RV Peg	389.0	473
S Lac	239.98	429
SS Peg	416.4	136
	416.4	536
SZ And	343.78	476
RW Peg	208.62	455:
R Peg	377.53	204:
UZ Cep	297.1	654
RY Cep	148.96	648
R Aqr	386.92	467
WY Cas	477.4	472
R Cas	431.2	186
Z Peg	325.43	447

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