

## New Mira Variables from the ASAS-3 Database

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#	Name	Other	Coord (J2000)	Type	Max	Min	System	Period	Epoch (JD)	type	Sp	Comment	L.Curve	Find.Chart	Data
1		2MASS J06580722-3837534	06 58 07.221, -38 37 53.40	M	11.7	<14.7	V	347.3	2454796	max	Me	<a href="#">Comm. 1</a>	<a href="#">06580722_3837534.jpg</a>		<a href="#">06580722_3837534.txt</a>
2		2MASS J07513343-3951457	07 51 33.433, -39 51 45.77	M	12.7	<15.2	V	359.7	2454955	max	M9	<a href="#">Comm. 2</a>	<a href="#">07513343_3951457.jpg</a>		<a href="#">07513343_3951457.txt</a>
3		2MASS J08292438-3637015	08 29 24.382, -36 37 01.57	M	12.0	<14.7	V	327.1	2454768	max	M9	<a href="#">Comm. 3</a>	<a href="#">08292438_3637015.jpg</a>		<a href="#">08292438_3637015.txt</a>
4	NSV 04129	2MASS J08321951-3107043	08 32 19.512, -31 07 04.33	M	11.3	<14.2	V	343.4	2454869	max	M9	<a href="#">Comm. 4</a>	<a href="#">08321951_3107043.jpg</a>		<a href="#">08321951_3107043.txt</a>
5		2MASS J08344710-2835275	08 34 47.106, -28 35 27.54	M	11.2	<14.9	V	337.6	2455125	max	M10	<a href="#">Comm. 5</a>	<a href="#">08344710_2835275.jpg</a>		<a href="#">08344710_2835275.txt</a>
6		2MASS J09181476-5722171	09 18 14.768, -57 22 17.14	M	13.0	<14.9	V	461.5	2454504	max	M9	<a href="#">Comm. 6</a>	<a href="#">09181476_5722171.jpg</a>		<a href="#">09181476_5722171.txt</a>
7		2MASS J09202542-5647446	09 20 25.422, -56 47 44.60	M	12.1	<14.8	V	311.3	2454847	max	M10	<a href="#">Comm. 7</a>	<a href="#">09202542_5647446.jpg</a>		<a href="#">09202542_5647446.txt</a>
8		2MASS J09260334-5303513	09 26 03.350, -53 03 51.33	M	12.4	<14.1	V	350.5	2454878	max	M10	<a href="#">Comm. 8</a>	<a href="#">09260334_5303513.jpg</a>		<a href="#">09260334_5303513.txt</a>
9		2MASS J09314928-3226323	09 31 49.287, -32 26 32.37	M	13.0	<14.8	V	323.3	2454766	max		<a href="#">Comm. 9</a>	<a href="#">09314928_3226323.jpg</a>		<a href="#">09314928_3226323.txt</a>
10		2MASS J09433862-4437108	09 43 38.628, -44 37 10.90	M	12.4	<14.8	V	296.6	2454766	max	M9	<a href="#">Comm. 10</a>	<a href="#">09433862_4437108.jpg</a>		<a href="#">09433862_4437108.txt</a>
11		2MASS J09465670-7022323	09 46 56.707, -70 22 32.33	M	10.6	<14.4	V	388.3	2454891	max	Me	<a href="#">Comm. 11</a>	<a href="#">09465670_7022323.jpg</a>		<a href="#">09465670_7022323.txt</a>
12		2MASS J09561960-5256099	09 56 19.604, -52 56 09.96	M	11.7	<14.4	V	370.4	2455023	max	M9	<a href="#">Comm. 12</a>	<a href="#">09561960_5256099.jpg</a>		<a href="#">09561960_5256099.txt</a>
13		2MASS J10295728-6951174	10 29 57.281, -69 51 17.41	M	11.3	<14.4	V	289.5	2454885	max	M9	<a href="#">Comm. 13</a>	<a href="#">10295728_6951174.jpg</a>		<a href="#">10295728_6951174.txt</a>
14	NSV 18484	2MASS J10431730-5333167	10 43 17.308, -53 33 16.74	M	11.5	<14.3	V	271.5	2455024	max	M10	<a href="#">Comm. 14</a>	<a href="#">10431730_5333167.jpg</a>		<a href="#">10431730_5333167.txt</a>
15		2MASS J10571704-6220314	10 57 17.047, -62 20 31.43	M	12.0	<14.2	V	215.4	2454973	max	M9	<a href="#">Comm. 15</a>	<a href="#">10571704_6220314.jpg</a>		<a href="#">10571704_6220314.txt</a>
16		2MASS J11105194-5851458	11 10 51.941, -58 51 45.87	M	11.9	<14.1	V	402.4	2454967	max	M9	<a href="#">Comm. 16</a>	<a href="#">11105194_5851458.jpg</a>		<a href="#">11105194_5851458.txt</a>
17		2MASS J11112849-6300236	11 11 28.493, -63 00 23.66	M	11.2	<14.6	V	401.7	2454677	max	M9	<a href="#">Comm. 17</a>	<a href="#">11112849_6300236.jpg</a>		<a href="#">11112849_6300236.txt</a>
18		2MASS J11132925-5019206	11 13 29.254, -50 19 20.61	M	10.4	<14.5	V	410.3	2454927	max	Me	<a href="#">Comm. 18</a>	<a href="#">11132925_5019206.jpg</a>		<a href="#">11132925_5019206.txt</a>
19		2MASS J12322072-4457409	12 32 20.727, -44 57 40.91	M	12.3	<14.8	V	235.7	2455042	max	Me	<a href="#">Comm. 19</a>	<a href="#">12322072_4457409.jpg</a>		<a href="#">12322072_4457409.txt</a>
20		2MASS J13141982-4638040	13 14 19.823, -46 38 04.02	M	11.8	<14.7	V	298.5	2454975	max	Me	<a href="#">Comm. 20</a>	<a href="#">13141982_4638040.jpg</a>		<a href="#">13141982_4638040.txt</a>
21		2MASS J13480969-4905566	13 48 09.690, -49 05 56.70	M	12.9	<14.6	V	252.1	2454851	max	Me	<a href="#">Comm. 21</a>	<a href="#">13480969_4905566.jpg</a>		<a href="#">13480969_4905566.txt</a>
22		2MASS J13573053-3553564	13 57 30.532, -35 53 56.49	M	12.0	<14.4	V	213.2	2454953	max	Me	<a href="#">Comm. 22</a>	<a href="#">13573053_3553564.jpg</a>		<a href="#">13573053_3553564.txt</a>
23		2MASS J15480049-6840565	15 48 00.490, -68 40 56.51	M	12.4	<14.4	V	209.6	2455073	max		<a href="#">Comm. 23</a>	<a href="#">15480049_6840565.jpg</a>		<a href="#">15480049_6840565.txt</a>
24		2MASS J17402047-5134085	17 40 20.479, -51 34 08.55	M	11.6	<14.8	V	275.3	2455036	max	Me	<a href="#">Comm. 24</a>	<a href="#">17402047_5134085.jpg</a>		<a href="#">17402047_5134085.txt</a>
25		2MASS J19315302-7855228	19 31 53.028, -78 55 22.90	M	11.8	<14.9	V	308.0	2455006	max		<a href="#">Comm. 25</a>	<a href="#">19315302_7855228.jpg</a>		<a href="#">19315302_7855228.txt</a>

**Comments:**

1. J-K = 1.401 (2MASS).
2. J-K = 1.612 (2MASS).
3. J-K = 1.594 (2MASS).
4. J-K = 1.534 (2MASS), GSC 7135-02057.
5. J-K = 1.379 (2MASS).
6. J-K = 1.921 (2MASS).
7. J-K = 1.567 (2MASS).
8. J-K = 1.775 (2MASS).
9. J-K = 1.451 (2MASS).
10. J-K = 1.411 (2MASS), GSC 7705-01002.
11. J-K = 1.566 (2MASS).
12. J-K = 1.639 (2MASS).
13. J-K = 1.494 (2MASS), GSC 9215-01971.
14. ASAS 104317-5333.3. J-K = 1.401 (2MASS).
15. J-K = 1.464 (2MASS), GSC 8962-02344.
16. J-K = 1.732 (2MASS).
17. J-K = 1.799 (2MASS).
18. J-K = 1.617 (2MASS), GSC 8208-00313.
19. J-K = 1.190 (2MASS), GSC 7770-00951.
20. J-K = 1.466 (2MASS), GSC 8247-02936.
21. J-K = 1.213 (2MASS).
22. J-K = 1.205 (2MASS).
23. ASAS 154800-6840.9. J-K = 1.316 (2MASS).
24. J-K = 1.528 (2MASS), GSC 8355-02374.
25. J-K = 1.655 (2MASS), GSC 9467-01021.

**Remarks:**

Details are presented for twenty-five Mira variables found by investigation of ASAS-3 V lightcurves (Pojmanski 2002). Amplitudes and periods were derived from ASAS-3 V data. Astrometric positions were taken from the 2MASS catalogue (Skrutskie et al. 2006); spectral information was derived from the Catalogue of Stellar Spectral Classifications (Skiff 2010). Near-infrared color indices from the 2MASS catalogue are presented in the Comments, together with identifications from the HST Guide Star Catalogue (Version 1.2; Morrison et al. 2001).

All objects were checked against the Strasbourg CDS VizieR service and the International Variable Star Index for pre-existence in variability catalogues.

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**References:**

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