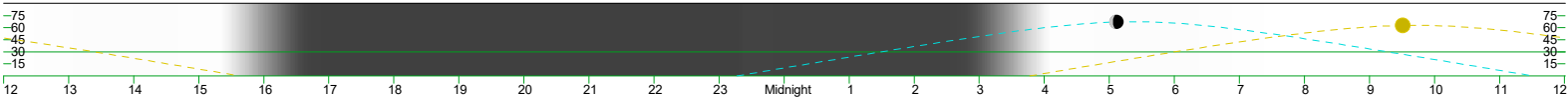


Sun, Moon and Planets Observing List  
Evening of 1937 Jul 3 at Amelia Earhart



Sunset 15:38, Twilight ends 16:52, Twilight begins 02:32, Sunrise 03:46, Moon rise 23:17, Moon set 11:31  
Completely dark from 16:52 to 23:17. Waning Crescent Moon. All times local (GMT+10).

Listing All Classes after 20:12 and before 06:48.

Cls	Log	Status	Primary ID	Alternate ID	Con	RA (Ap)	Dec (Ap)	Mag	Size	Rise	Transit	Set	Begin	Optimum	End	Alt	Az	S.A.	U2000	PSA	Optimum EP
MSS	Y		Jupiter		Sgr	19h43m24.6s	-21°39'05"	-2.7	47"x 44"	16:28	22:37	04:46	18:40	22:37	02:34	+73°01'	+180°07'	22	II-342	66	Nagler 7mm 2.0x
MSS	Y		Mars		Lib	15h06m25.9s	-20°04'57"	-1.3	16"	11:49	18:01	00:09	16:05	18:01	22:00	+54°25'	+241°27'	21	II-333	57	Nagler 7mm 2.0x
MSS	Y		Mercury		Gem	06h25m51.3s	+24°08'00"	-1.8	5.2"	03:23	09:19	15:09	05:40	08:58	12:50	+43°33'	+049°56'	5	I-137	25	X-Cel 5mm 2.0x
MSS	Y		Moon		Ari	02h31m27.9s	+18°21'58"	-7.9	33.2'	23:17	05:24	11:31	01:32	05:24	09:15	+66°57'	+000°15'	10	I-130	4	Super Plössl 40mm
MSS			Neptune		Leo	11h12m04.5s	+06°17'39"	8.0	2.2"	08:04	14:07	20:06	16:16	16:47	18:03	-02°03'	+276°09'	13	I-191	34	Super Plössl 40mm
MSS			Pluto		Cnc	08h01m57.5s	+23°10'51"	15.0	0.1"	05:00	10:54	16:51	-	-	-	+62°09'	+000°00'	6	I-140	24	X-Cel 5mm
MSS	Y		Saturn		Psc	00h21m56.5s	-00°08'26"	0.9	18"x 16"	21:13	03:15	09:16	23:16	02:31	03:17	+78°15'	+067°36'	17	I-II-216	7	Nagler 7mm 2.0x
MSS	Y		Sun		Gem	06h49m52.2s	+22°57'09"	-26.8	31.5'	03:46	09:42	15:38	06:04	09:42	13:21	+39°24'	+055°00'	5	I-138	25	Super Plössl 40mm
MSS	Y		Uranus		Ari	02h41m58.3s	+15°17'35"	5.8	3.5"	23:38	05:34	11:31	01:45	02:40	03:09	+42°24'	+064°20'	10	I-175	4	Nagler 7mm 2.0x
MSS	Y		Venus		Tau	03h36m53.5s	+16°10'38"	-4.3	22"	00:33	06:30	12:27	01:01	02:41	03:18	+29°49'	+068°21'	11	I-177	15	Nagler 7mm 2.0x