




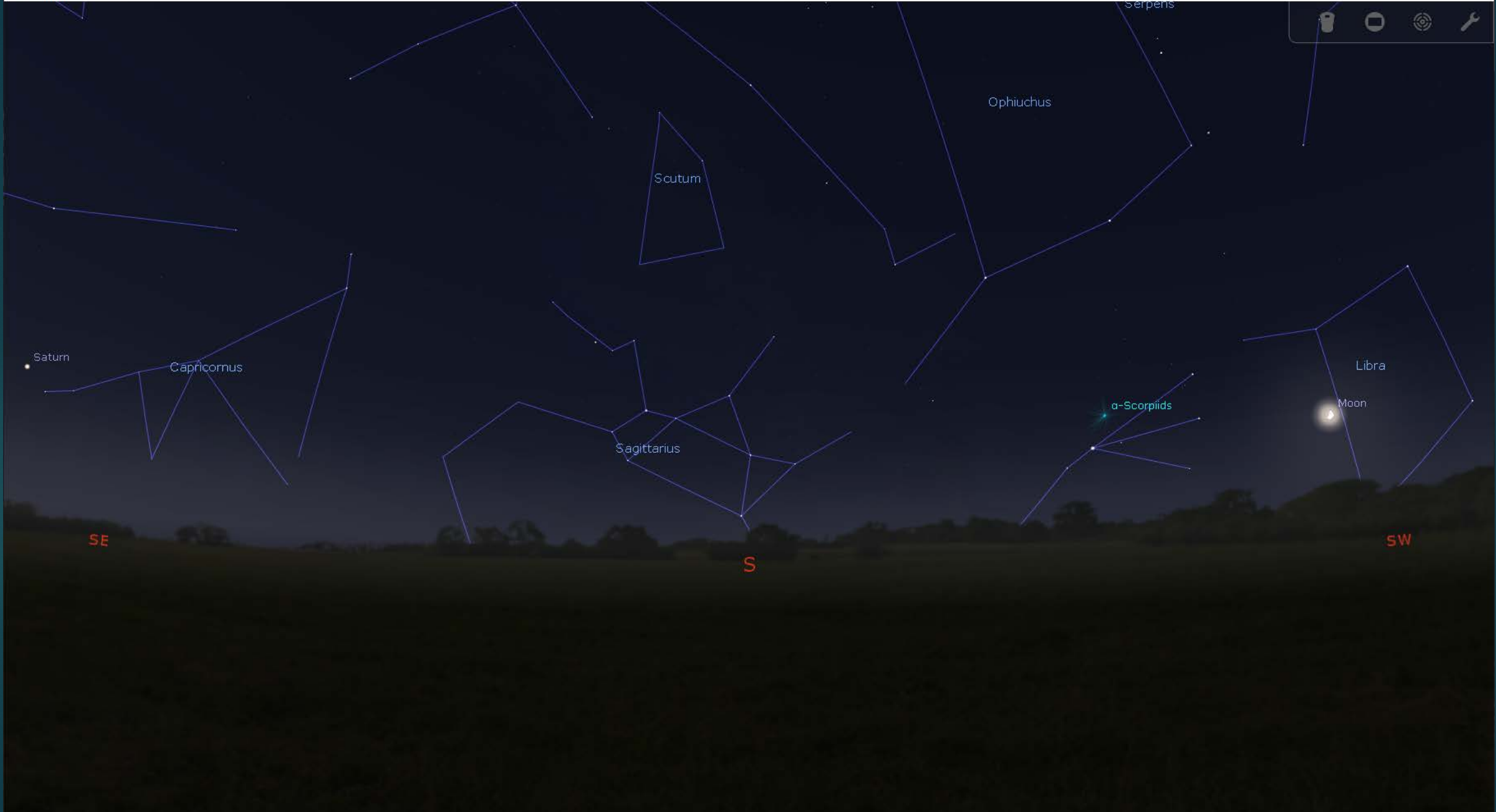
Lunar ECLIPSE May 2022

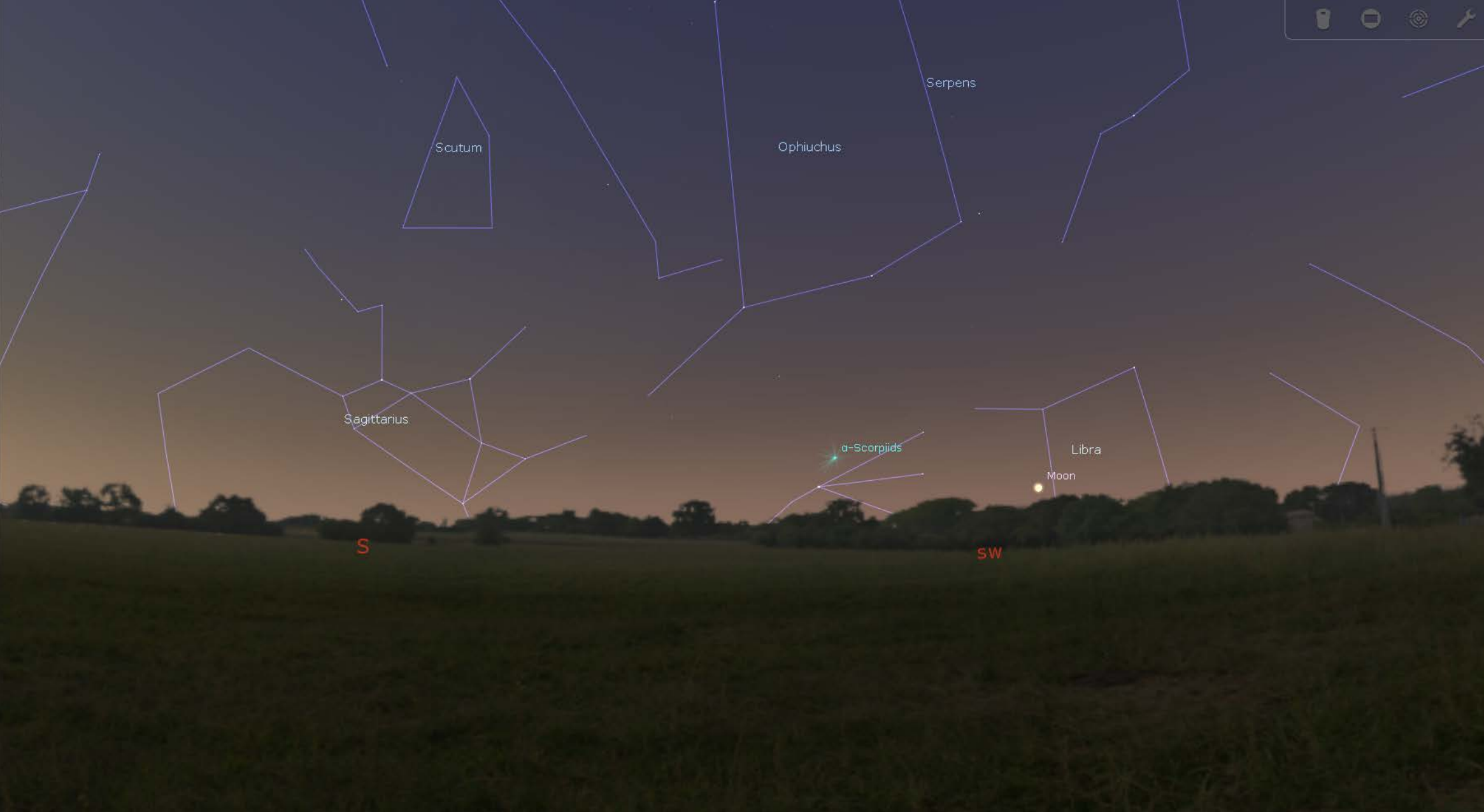
Eclipse details

Penumbral Eclipse begins	16 May, 01:32:05	16 May, 02:32:05	Yes
Partial Eclipse begins	16 May, 02:27:52	16 May, 03:27:52	Yes
Full Eclipse begins	16 May, 03:29:03	16 May, 04:29:03	Yes
Maximum Eclipse	16 May, 04:11:28	16 May, 05:11:28	Maybe, touching horizon
Full Eclipse ends	16 May, 04:53:55	16 May, 05:53:55	No, below the horizon
Partial Eclipse ends	16 May, 05:55:07	16 May, 06:55:07	No, below the horizon
Penumbral Eclipse ends	16 May, 06:50:49	16 May, 07:50:49	No, below the horizon




<u>Magnitude</u>	1.414	Fraction of the Moon's diameter covered by Earth's umbra
Obscuration	100.0%	Percentage of the Moon's area covered by Earth's umbra
Penumbral magnitude	2.373	Fraction of the Moon's diameter covered by Earth's penumbra
Overall duration	5 hours, 19 minutes	Period between the beginning and end of all eclipse phases
Duration of totality	1 hour, 25 minutes	Period between the beginning and end of the total phase
Duration of partial phases	2 hours, 2 minutes	Combined period of both partial phases
Duration of penumbral phases	1 hour, 51 minutes	Combined period of both penumbral phases





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SW

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- ▶ Need a good flat SW horizon
 - ▶ For nice pictures – foreground objects may be good
 - ▶ Avebury ?
 - ▶ Moon will be extra reddened by atmospheric extinction