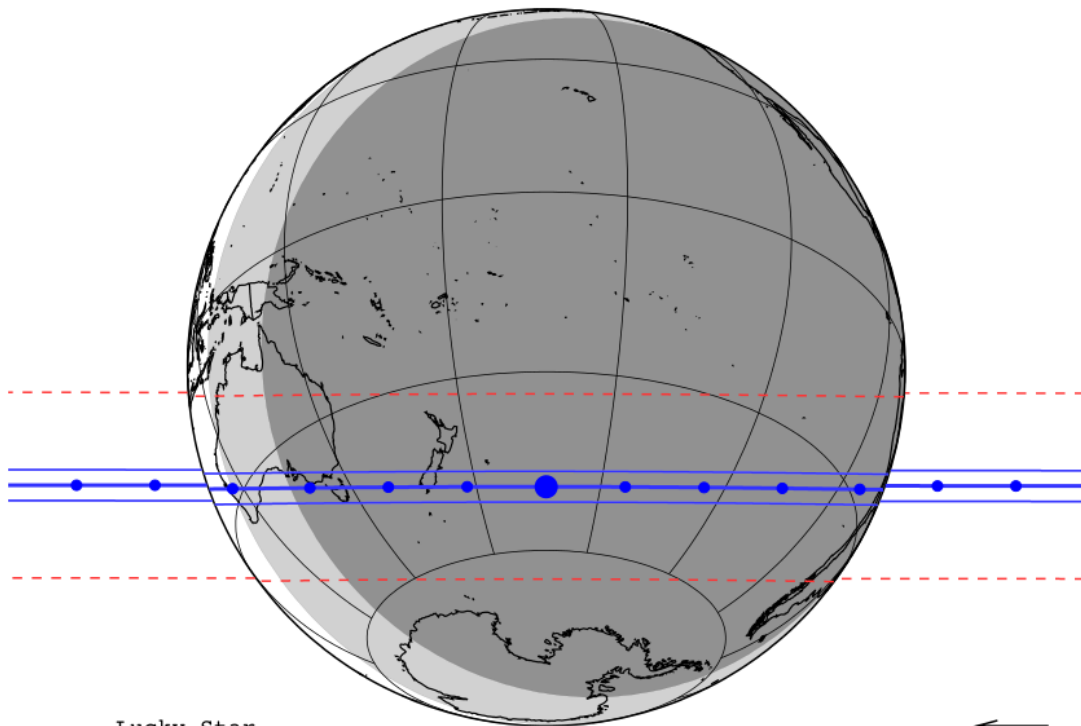


Ixion predicted to occult 14th mag star in Sgr.

The TNO Ixion is predicted to occult a 14th magnitude star in Sagittarius on Tuesday the 9th July at 7:34pm local time. Ixion will be at 51° altitude in the east, with a half-moon waxing about 72° away (in the north-west).

Ixion, GAIADR2+pmGAIADR2, NIMAv6

Offset: 0.0mas 0.0mas



Lucky Star

yyyy mm dd hh:mm:ss.s	RA_star_J2000	DE_star_J2000	C/A	P/A	vel	Delta	G*	RP*	H*
2019-07-09 09:31:56.4	17 46 24.0074	-29 19 40.470	0.076	180.05	-23.19	38.2535	14.5	13.8	12.8

The prediction is here:

<http://lesia.obspm.fr/lucky-star/occ.php?p=4615>

and Western Sydney is in the 1-sigma band with a predicted chance of 13% (quite high for this TNO). The only previous time Ixion has been seen in occultation was in 2014, by Bill Hanna in Alice Springs, which was a single chord event and the diameter of the TNO has not been assessed as yet by occultation. Photometric assays put it at about 650km in diameter. Ixion is 38AU from earth at the present time (cf. Pluto presently at 32AU).

https://en.wikipedia.org/wiki/28978_Ixion

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