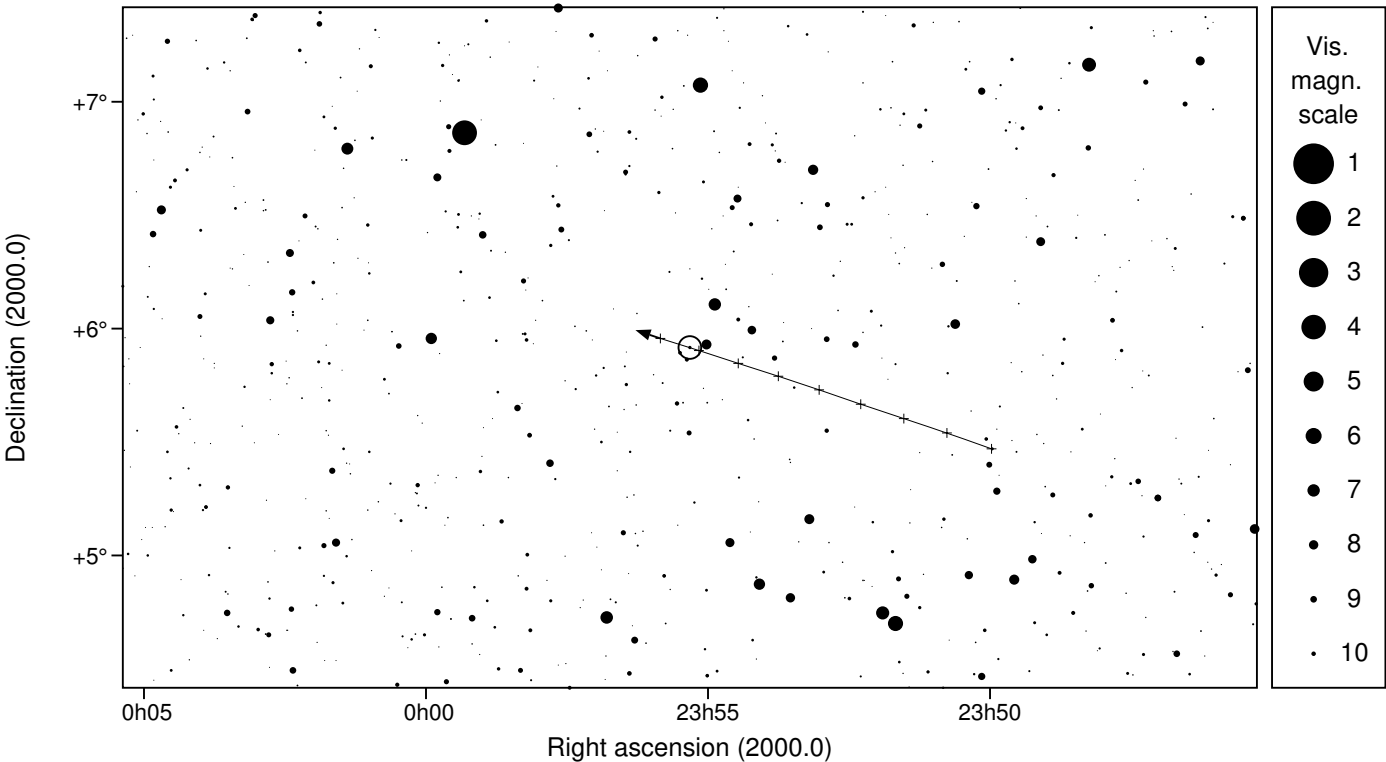
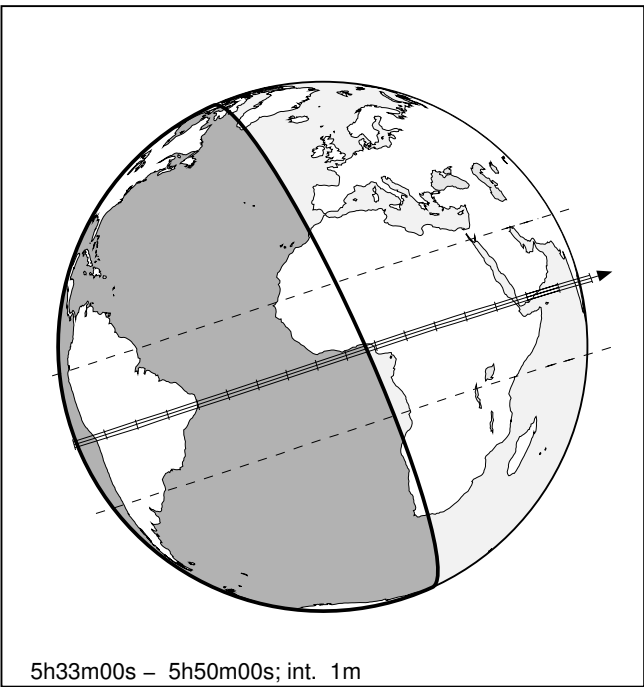
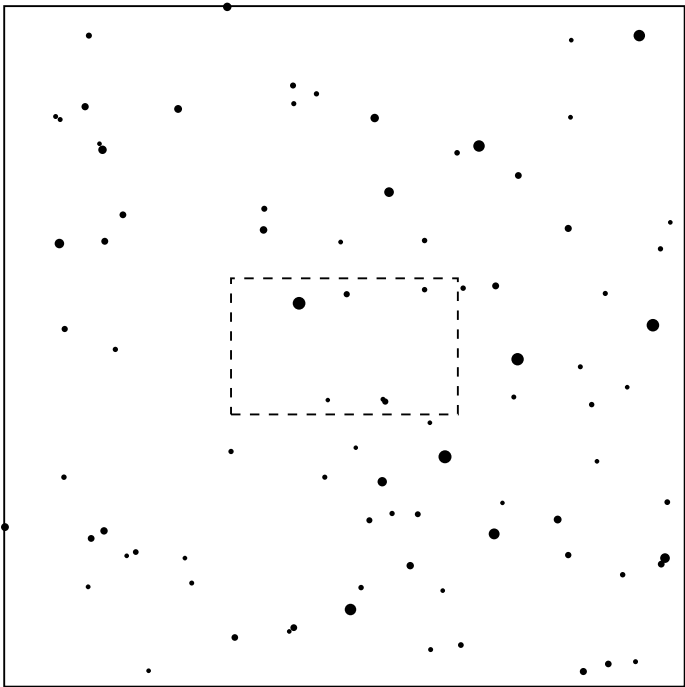


238 Hypatia & PPMX 8959815

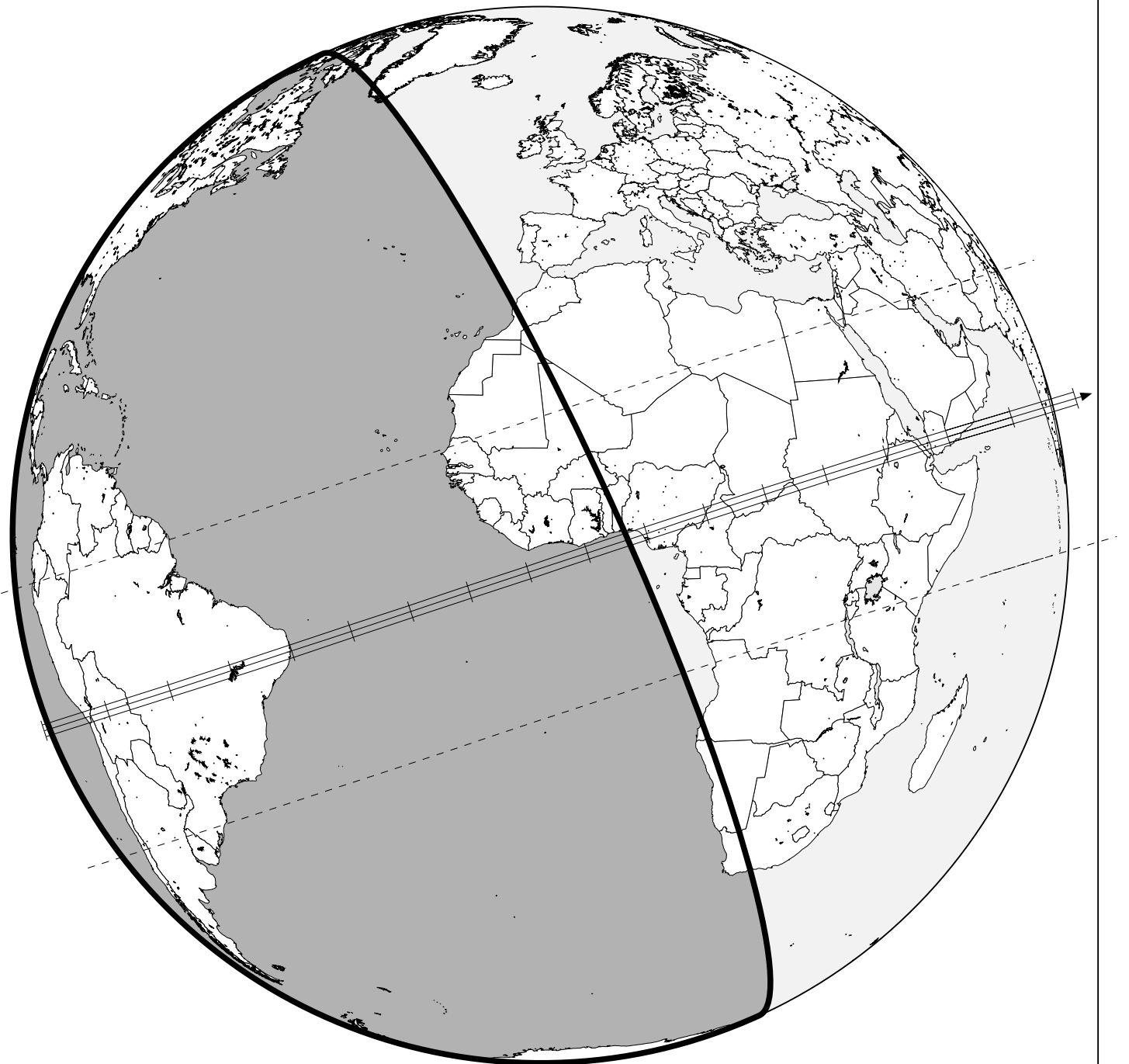
2023 jul 2 5^h41.4^m U.T.

Planet:	a = 2.91, e = 0.09	Star:	Source cat. PPMX
V. mag. = 13.32	Diam. = 156.0 km = 0.09"	$\alpha = 23^{\text{h}}55^{\text{m}}19.045^{\text{s}}$	$\delta = +5^{\circ}54'56.79''$
$\mu = 26.79''/\text{h}$	$\pi = 3.67''$ Ref. = EG2021	Vmag = 10.63	mag =
$\Delta m = 2.8$	Max. dur. = 12.1s	Sun : 98°	Moon : 99° , 98%



238 Hypatia & PPMX 8959815

2023 jul 2 5^h41.4^m U.T.



5h33m00s – 5h50m00s; int. 1m