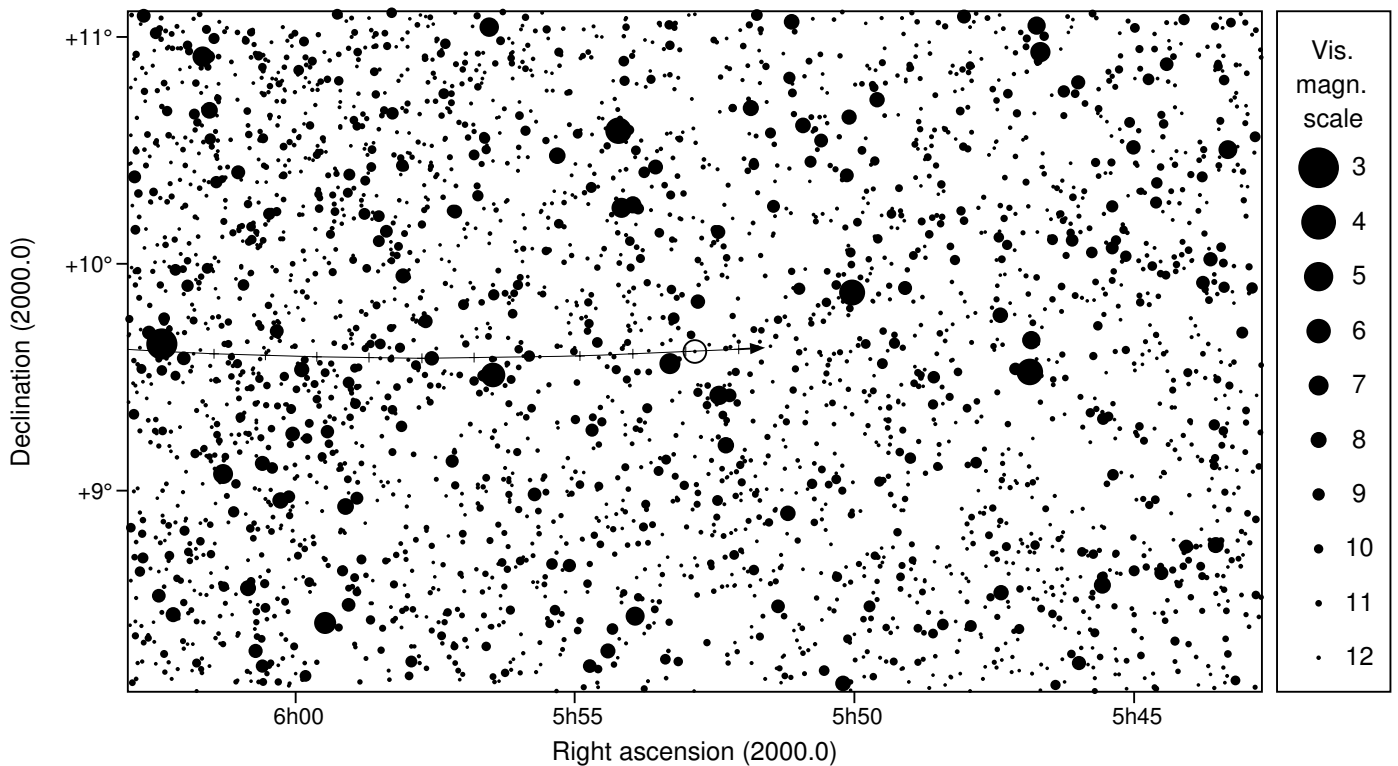
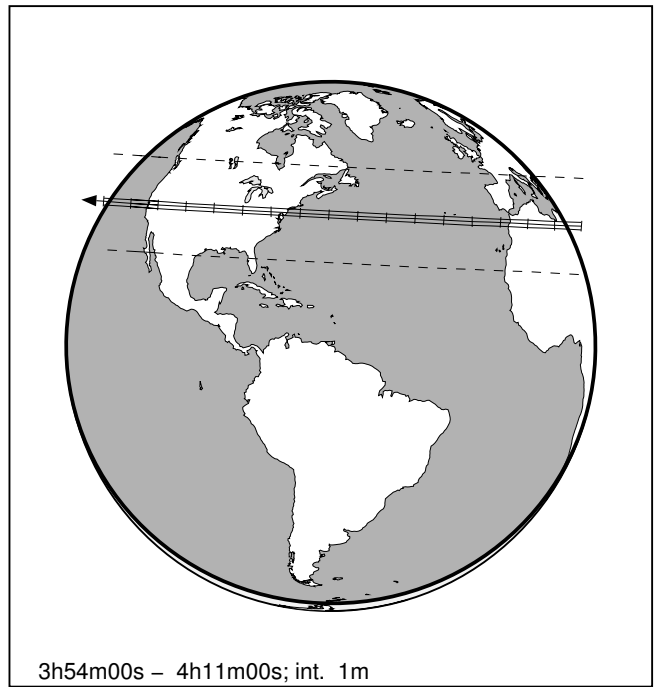
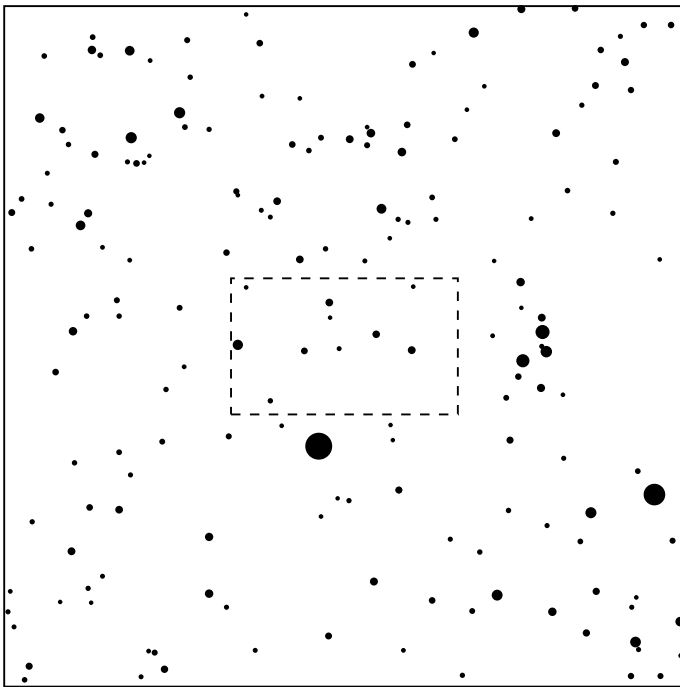


59 Elpis & UCAC5 499-016268

2026 dec 21 4^h 2.7^m U.T.

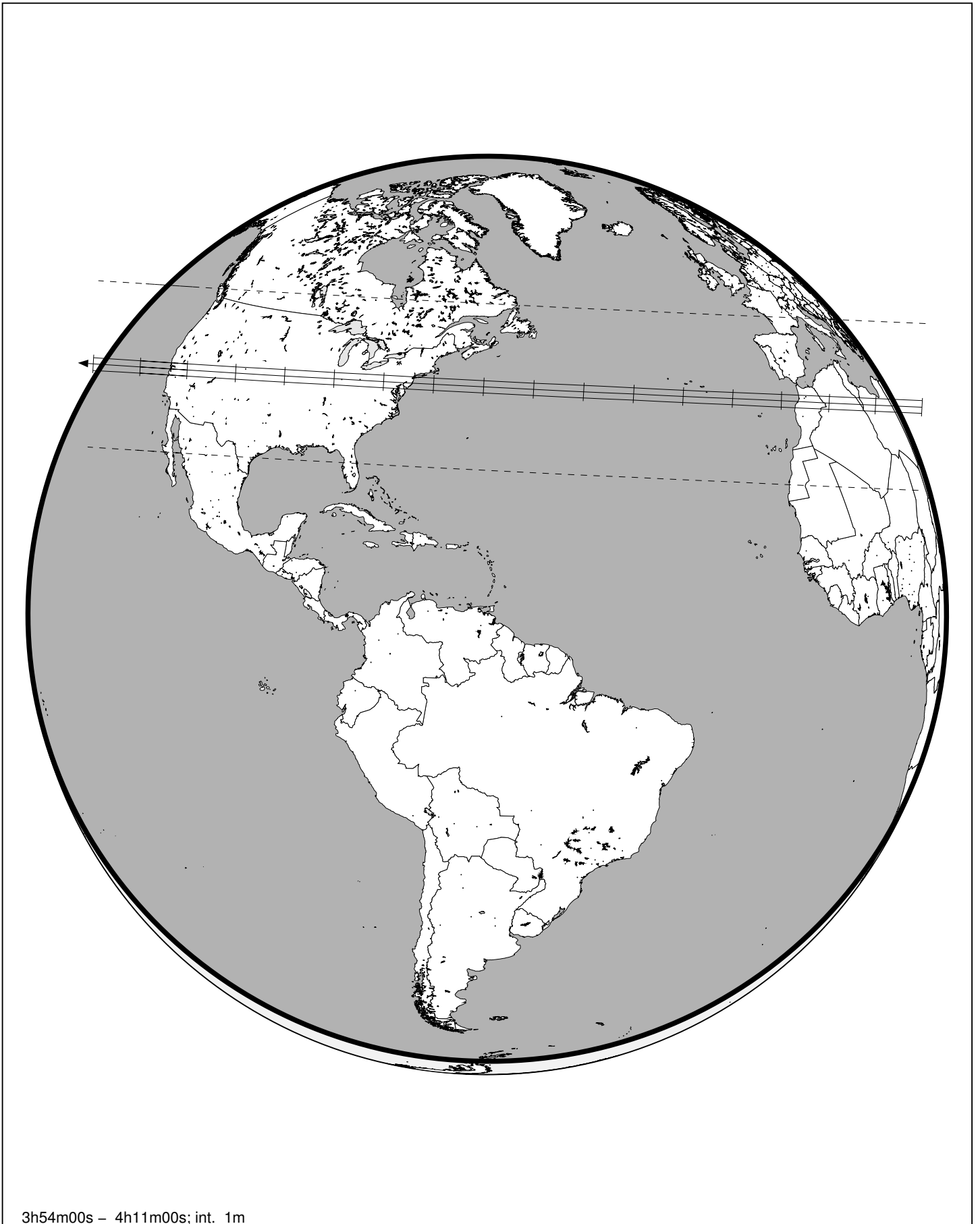
Planet: a = 2.71, e = 0.12
 V. mag. = 11.41 Diam. = 173.0 km = 0.15"
 μ = 35.00"/h π = 5.51" Ref. = EG2024
 Δm = 0.4 Max. dur. = 15.4s

Star: Source cat. UCAC5
 α = 5^h52^m51.217^s δ = +09°36'44.99"
 Vmag = 12.46 Bmag = 12.69
 Sun : 166° Moon : 44° , 88%



59 Elpis & UCAC5 499-016268

2026 dec 21 4^h 2.7^m U.T.



3h54m00s – 4h11m00s; int. 1m