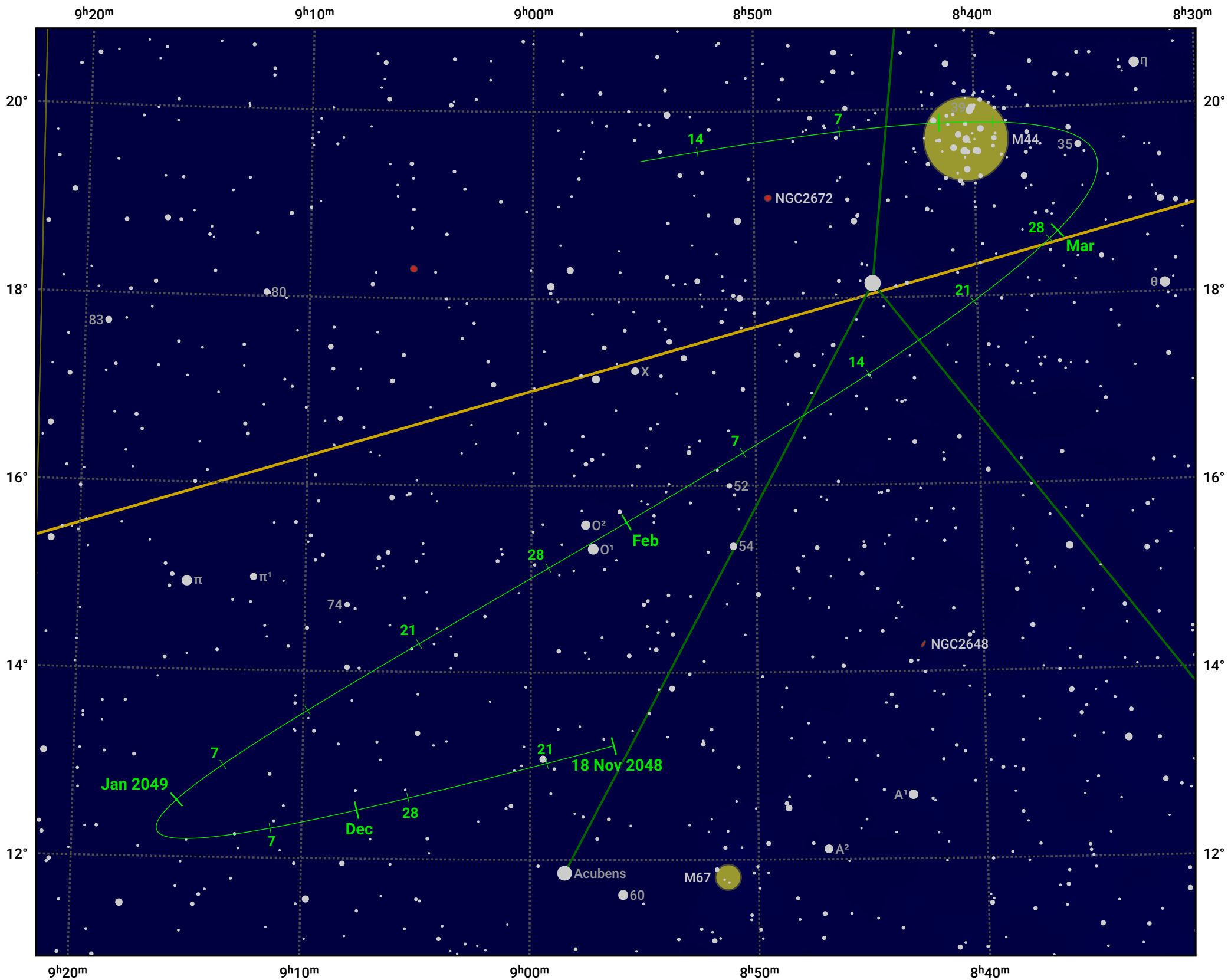


# The path of Asteroid 5 Astraea around opposition on 1 Feb 2049



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Magnitude scale: 10.0 9.0 8.0 7.0 6.0 5.0 4.0 3.0

— Ecliptic Plane

Galaxy Bright nebula Open cluster Globular cluster

| Date        | Mag  | Phase |
|-------------|------|-------|
| 2048 Dec 1  | 10.8 | 95%   |
| 2048 Dec 31 | 10.0 | 98%   |
| 2049 Jan 1  | 10.0 | 98%   |
| 2049 Jan 31 | 9.0  | 100%  |
| 2049 Feb 1  | 9.0  | 100%  |
| 2049 Mar 1  | 9.8  | 98%   |
| 2049 Mar 8  | 10.0 | 98%   |
| 2049 Apr 1  | 10.6 | 95%   |