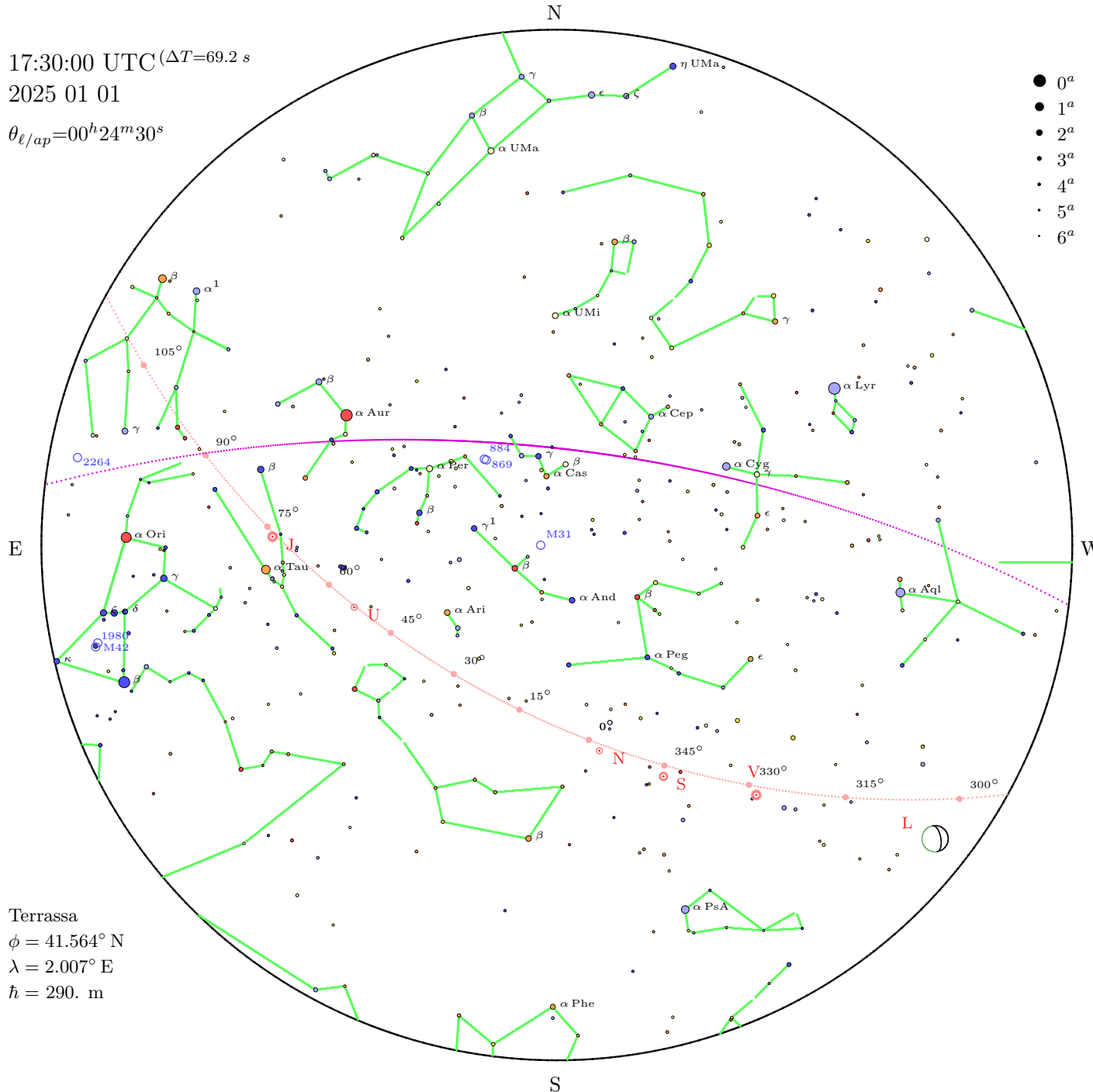


17:30:00 UTC ( $\Delta T=69.2$  s)

2025 01 01

$\theta_{\ell/ap}=00^h24^m30^s$



- 0<sup>a</sup>
- 1<sup>a</sup>
- 2<sup>a</sup>
- 3<sup>a</sup>
- 4<sup>a</sup>
- 5<sup>a</sup>
- 6<sup>a</sup>

$V_*^{Hip} \leq 4.5, n = 431$   
 $V_*/n \leq 2.5, n = 44$   
 $V_{dif} \leq 4.5, n = 6$

$h_{\odot} = -10.4^{\circ}$   
 $a_{\odot} = 68.5^{\circ}$   
 $h_{\text{C}} = 4.2^{\circ} / 7\% / \times 6.0$   
 $a_{\text{C}} = 52.2^{\circ}$

Terrassa  
 $\phi = 41.564^{\circ}$  N  
 $\lambda = 2.007^{\circ}$  E  
 $h = 290$  m

**Comentari:**  
Mapa estel·lar gener 2025

### Vista Zenital

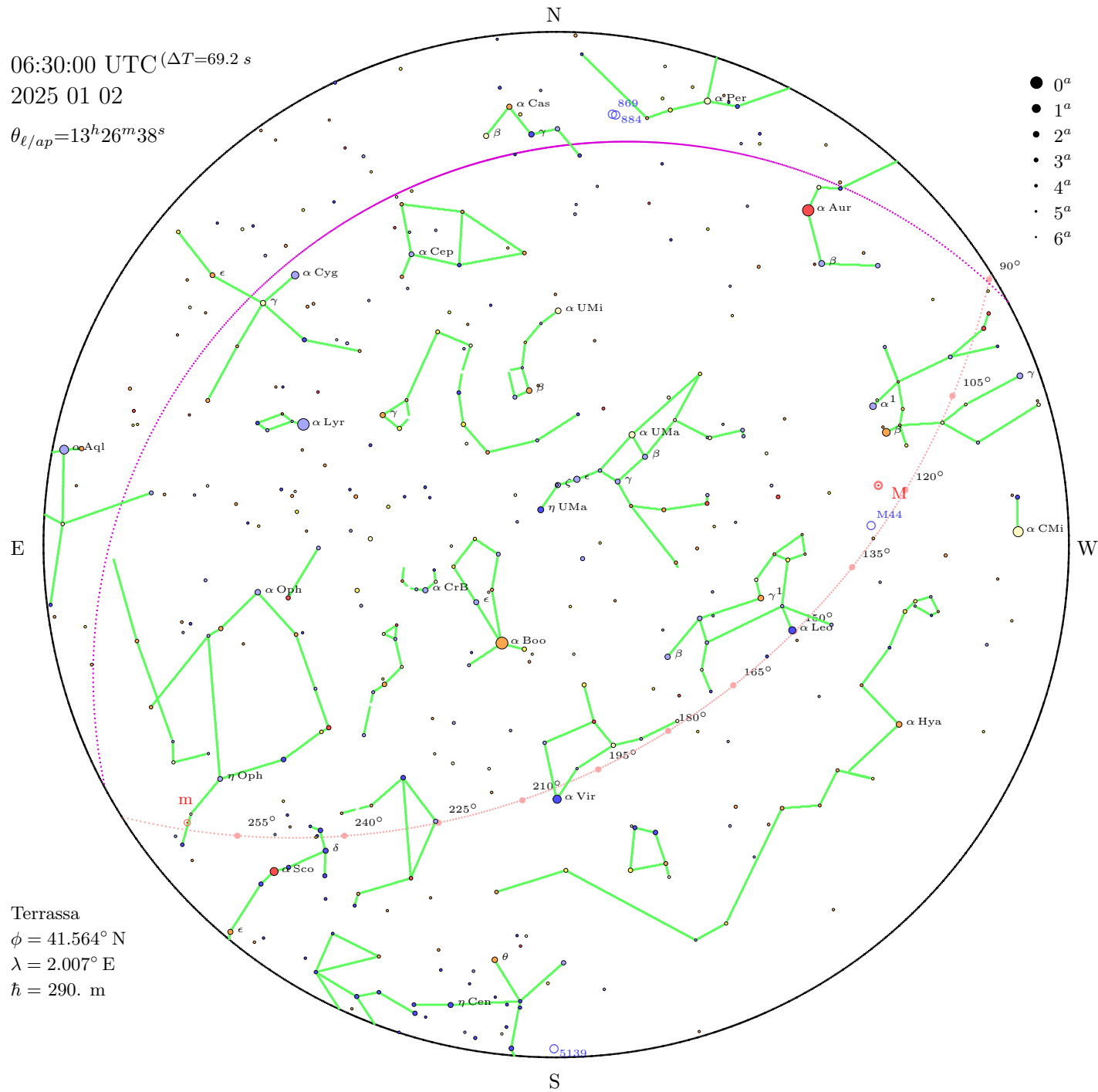
MapEst90,  $\vec{V}$ (J. Calaf)



06:30:00 UTC ( $\Delta T=69.2$  s)

2025 01 02

$\theta_{\ell/ap}=13^h 26^m 38^s$



- 0<sup>a</sup>
- 1<sup>a</sup>
- 2<sup>a</sup>
- 3<sup>a</sup>
- 4<sup>a</sup>
- 5<sup>a</sup>
- 6<sup>a</sup>

$V_*^{Hip} \leq 4.5$ ,  $n = 405$   
 $V_{*/n} \leq 2.5$ ,  $n = 40$   
 $V_{dif} \leq 4.5$ ,  $n = 4$

$h_{\odot} = -9.0^{\circ}$   
 $a_{\odot} = 292.7^{\circ}$   
 $h_C = -31.6^{\circ} / 9\% / \times 6.0$   
 $a_C = 271.8^{\circ}$

Terrassa  
 $\phi = 41.564^{\circ}$  N  
 $\lambda = 2.007^{\circ}$  E  
 $h = 290$ . m

**Comentari:**  
Mapa estel·lar gener 2025

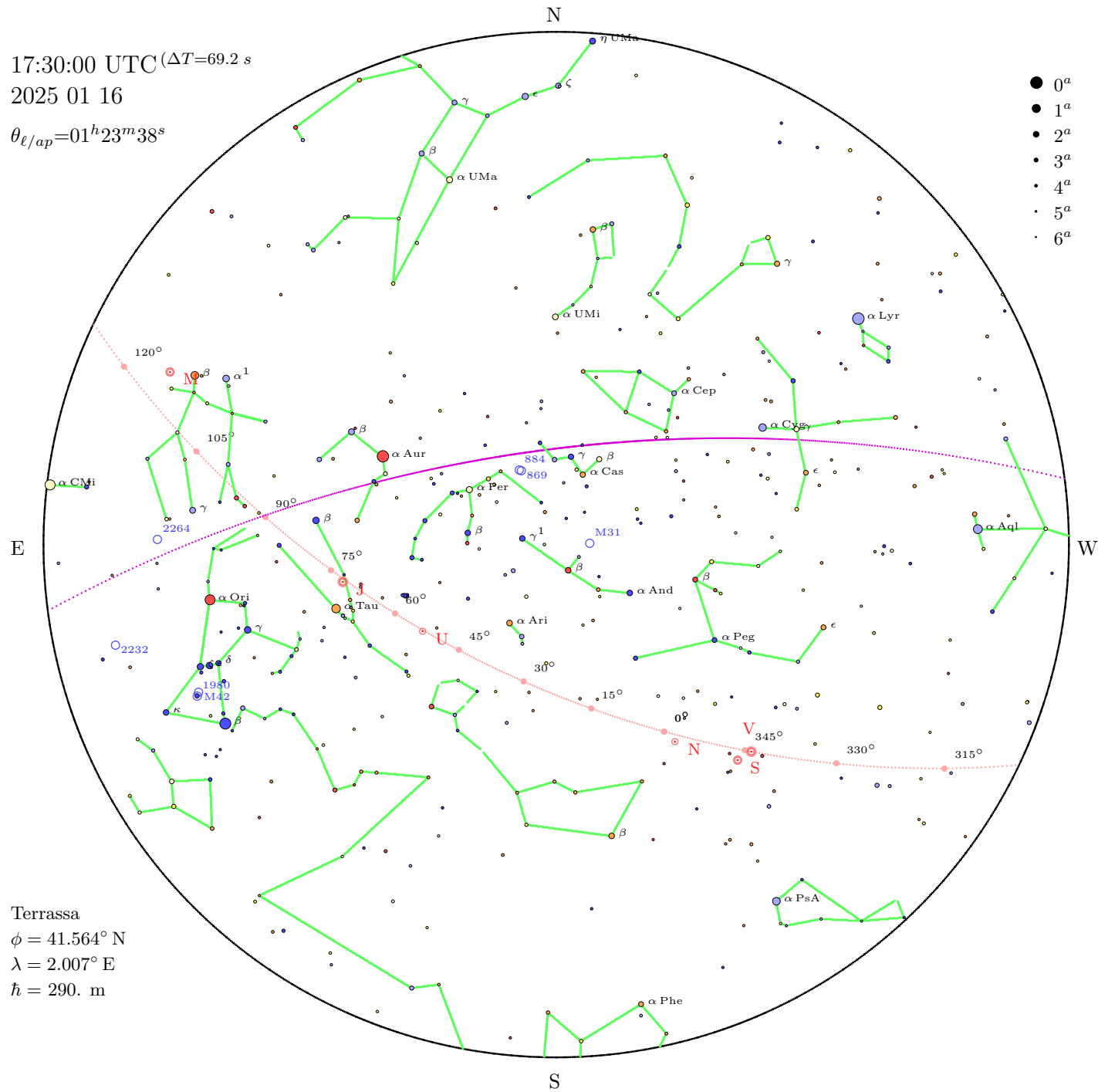
### Vista Zenital

MapEst90,  $\vec{V}$ (J. Calaf)

17:30:00 UTC ( $\Delta T=69.2$  s)

2025 01 16

$\theta_{\ell/ap}=01^h23^m38^s$



- 0<sup>a</sup>
- 1<sup>a</sup>
- 2<sup>a</sup>
- 3<sup>a</sup>
- 4<sup>a</sup>
- 5<sup>a</sup>
- 6<sup>a</sup>

$V_*^{Hip} \leq 4.5$ ,  $n = 443$   
 $V_{*/n} \leq 2.5$ ,  $n = 45$   
 $V_{dif} \leq 4.5$ ,  $n = 7$

$h_{\odot} = -8.0^{\circ}$   
 $a_{\odot} = 69.2^{\circ}$   
 $h_C = -20.4^{\circ} / 58\% / \times 6.0$   
 $a_C = 229.6^{\circ}$

Terrassa  
 $\phi = 41.564^{\circ}$  N  
 $\lambda = 2.007^{\circ}$  E  
 $h = 290$ . m

**Comentari:**  
Mapa estel·lar gener 2025

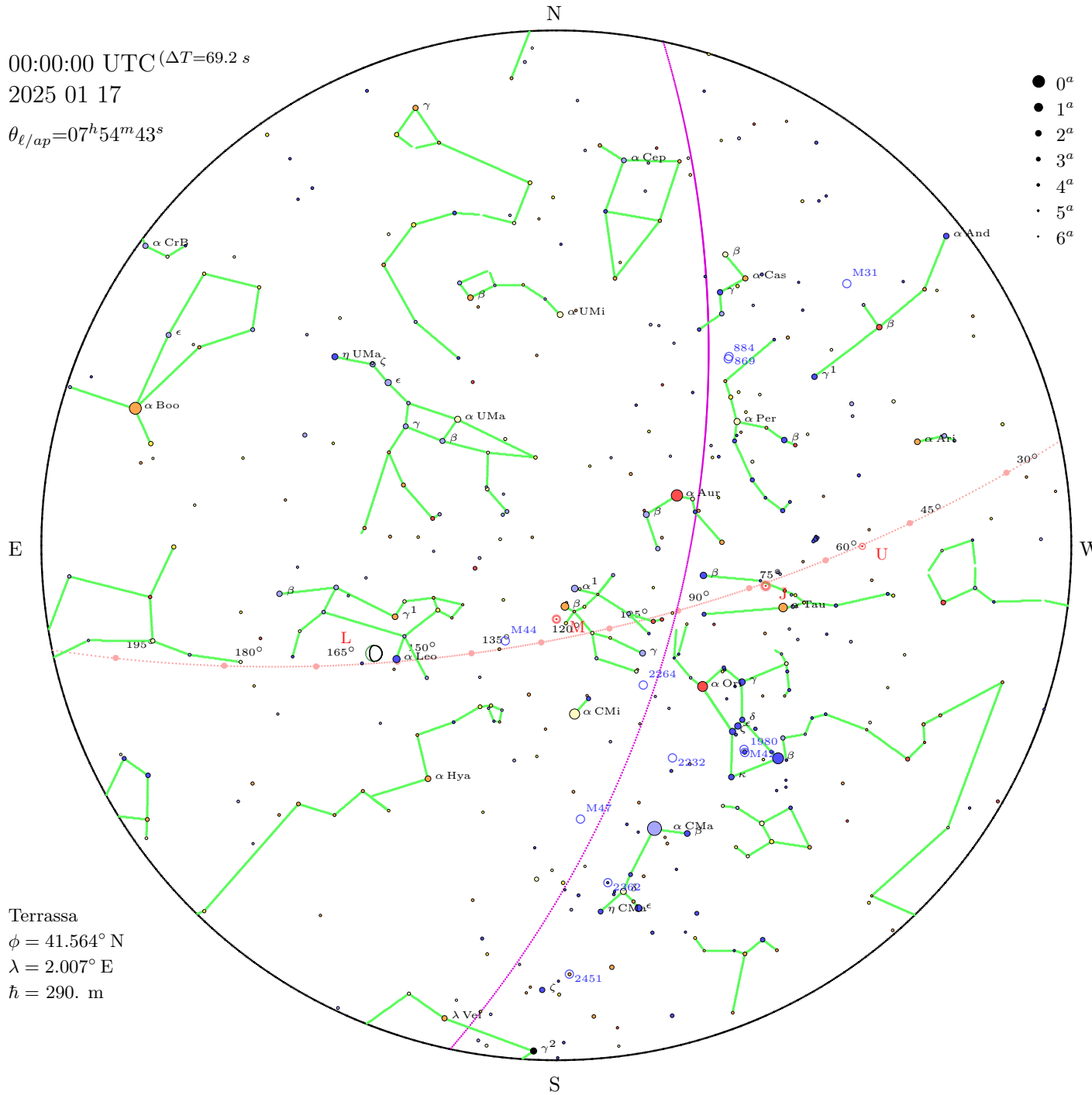
### Vista Zenital

MapEst90,  $\vec{V}$ (J. Calaf)

00:00:00 UTC ( $\Delta T=69.2$  s)

2025 01 17

$\theta_{\ell/ap}=07^h54^m43^s$



- 0<sup>a</sup>
- 1<sup>a</sup>
- 2<sup>a</sup>
- 3<sup>a</sup>
- 4<sup>a</sup>
- 5<sup>a</sup>
- 6<sup>a</sup>

$V_*^{Hip} \leq 4.5, n = 438$   
 $V_{*/n} \leq 2.5, n = 49$   
 $V_{dif} \leq 4.5, n = 11$

$h_{\odot} = -69.2^{\circ}$   
 $a_{\odot} = 178.7^{\circ}$   
 $h_C = 45.2^{\circ} / 59\% / \times 6.0$   
 $a_C = 300.6^{\circ}$

Terrassa  
 $\phi = 41.564^{\circ}$  N  
 $\lambda = 2.007^{\circ}$  E  
 $h = 290$  m

**Comentari:**  
Mapa estel·lar gener 2025

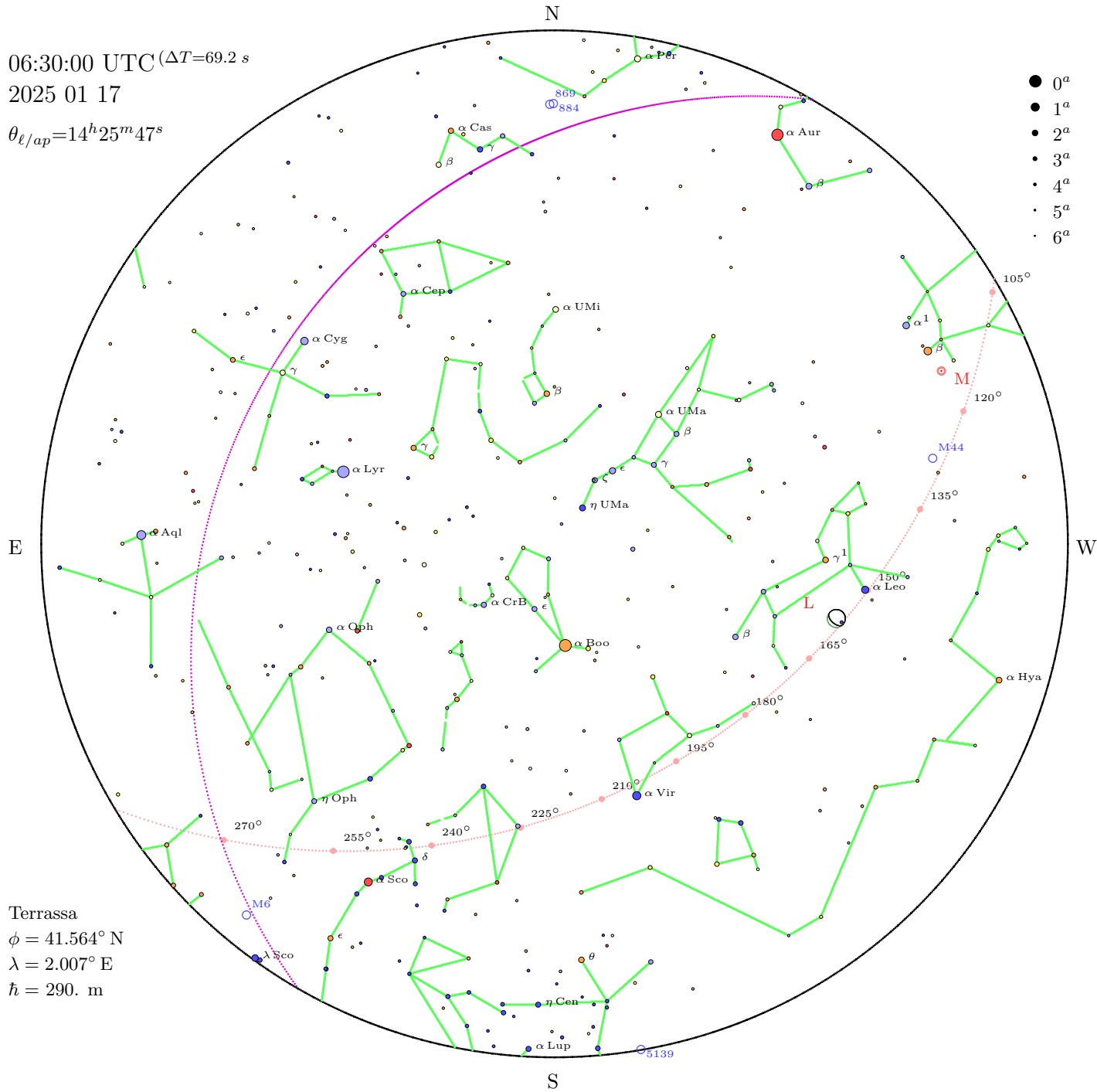
**Vista Zenital**

MapEst90,  $\vec{V}$ (J. Calaf)

06:30:00 UTC ( $\Delta T=69.2\text{ s}$ )

2025 01 17

$\theta_{\ell/ap}=14^h25^m47^s$



- 0<sup>a</sup>
- 1<sup>a</sup>
- 2<sup>a</sup>
- 3<sup>a</sup>
- 4<sup>a</sup>
- 5<sup>a</sup>
- 6<sup>a</sup>

$V_*^{Hip} \leq 4.5, n = 413$   
 $V_{*/n} \leq 2.5, n = 40$   
 $V_{dif} \leq 4.5, n = 5$

$h_{\odot} = -8.6^{\circ}$   
 $a_{\odot} = 290.1^{\circ}$   
 $h_C = 30.9^{\circ} / 60\% / \times 6.0$   
 $a_C = 75.2^{\circ}$

Terrassa  
 $\phi = 41.564^{\circ}\text{ N}$   
 $\lambda = 2.007^{\circ}\text{ E}$   
 $h = 290.\text{ m}$

**Comentari:**  
Mapa estel·lar gener 2025

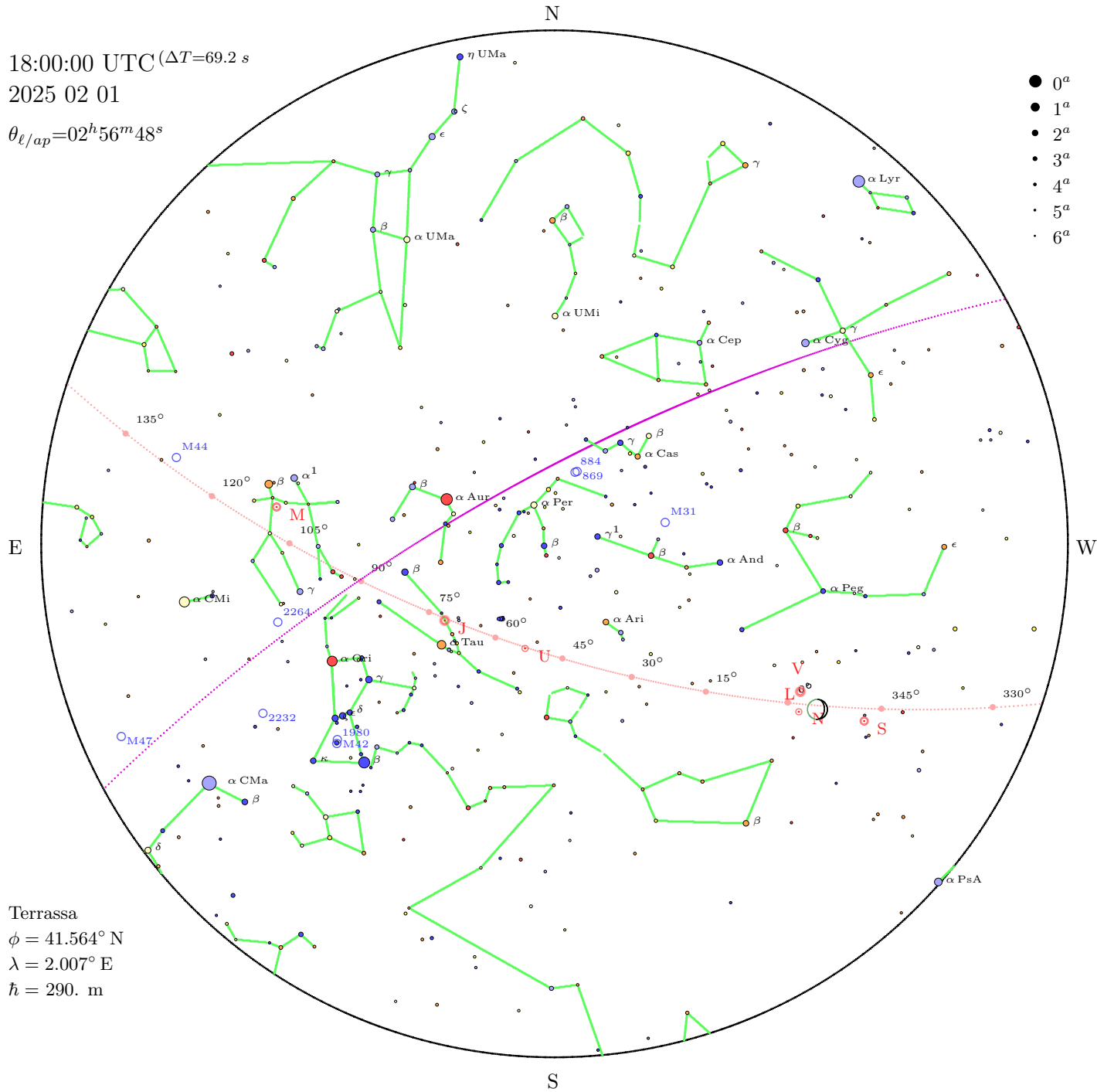
### Vista Zenital

MapEst90,  $\vec{V}$ (J. Calaf)

18:00:00 UTC ( $\Delta T=69.2$  s)

2025 02 01

$\theta_{\ell/ap}=02^h56^m48^s$



- 0<sup>a</sup>
- 1<sup>a</sup>
- 2<sup>a</sup>
- 3<sup>a</sup>
- 4<sup>a</sup>
- 5<sup>a</sup>
- 6<sup>a</sup>

$V_{*}^{Hip} \leq 4.5, n = 434$   
 $V_{*/n} \leq 2.5, n = 46$   
 $V_{dif} \leq 4.5, n = 9$

$h_{\odot} = -10.1^{\circ}$   
 $a_{\odot} = 76.3^{\circ}$   
 $h_c = 27.7^{\circ} / 12\% / \times 6.0$   
 $a_c = 57.8^{\circ}$

**Comentari:**  
Mapa estel·lar febrer 2025

**Vista Zenital**

MapEst90,  $\vec{V}$ (J. Calaf)

Terrassa  
 $\phi = 41.564^{\circ}$  N  
 $\lambda = 2.007^{\circ}$  E  
 $h = 290$ . m





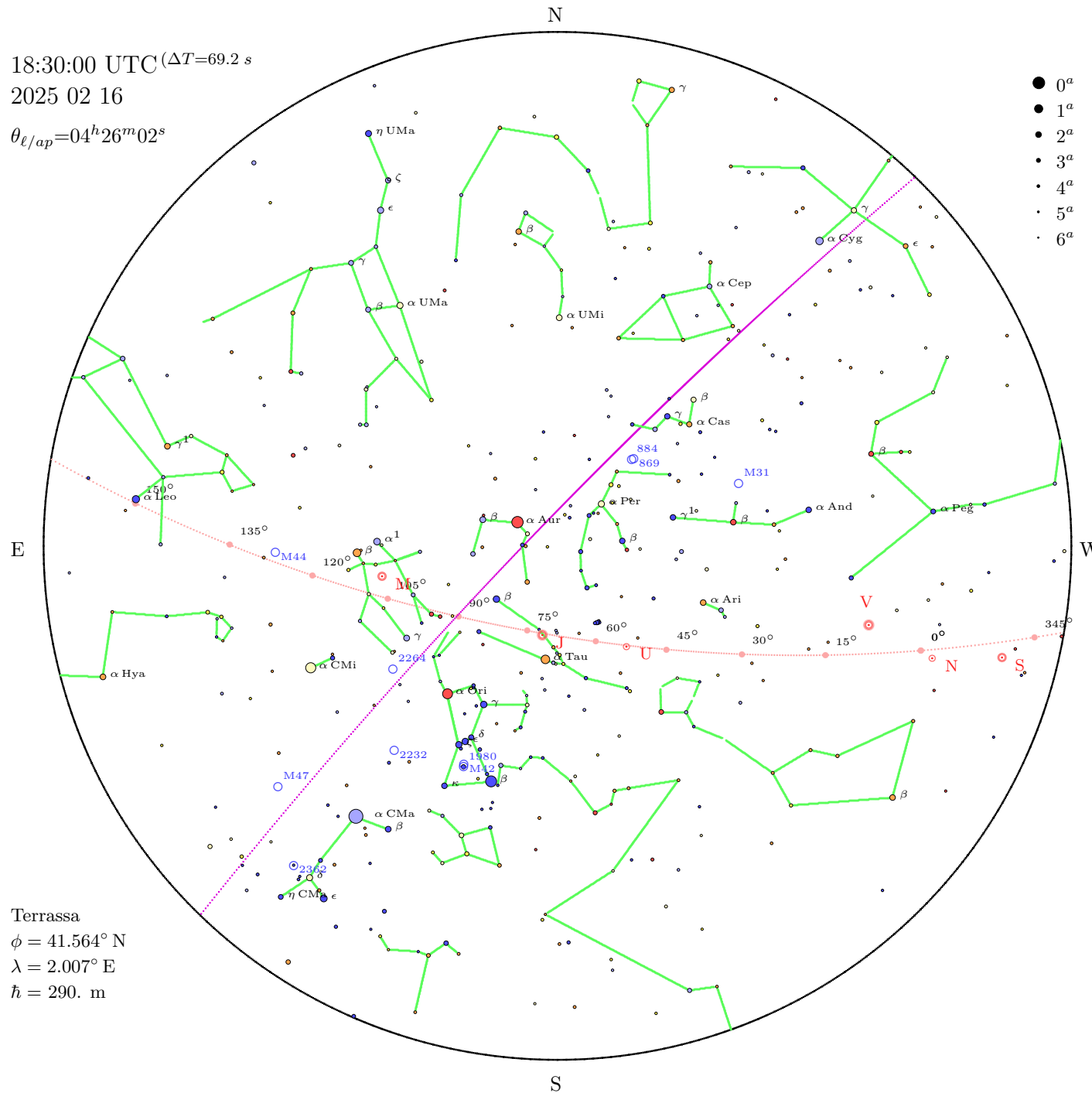


18:30:00 UTC ( $\Delta T=69.2$  s)

2025 02 16

$\theta_{\ell/ap}=04^h26^m02^s$

Terrassa  
 $\phi = 41.564^\circ$  N  
 $\lambda = 2.007^\circ$  E  
 $h = 290$  m



- 0<sup>a</sup>
- 1<sup>a</sup>
- 2<sup>a</sup>
- 3<sup>a</sup>
- 4<sup>a</sup>
- 5<sup>a</sup>
- 6<sup>a</sup>

$V_*^{Hip} \leq 4.5, n = 432$   
 $V_{*/n} \leq 2.5, n = 48$   
 $V_{dif} \leq 4.5, n = 10$

$h_{\odot} = -12.4^\circ$   
 $a_{\odot} = 84.8^\circ$   
 $h_C = -32.9^\circ / 63\% / \times 6.0$   
 $a_C = 249.4^\circ$

**Comentari:**  
Mapa estel·lar febrer 2025

### Vista Zenital

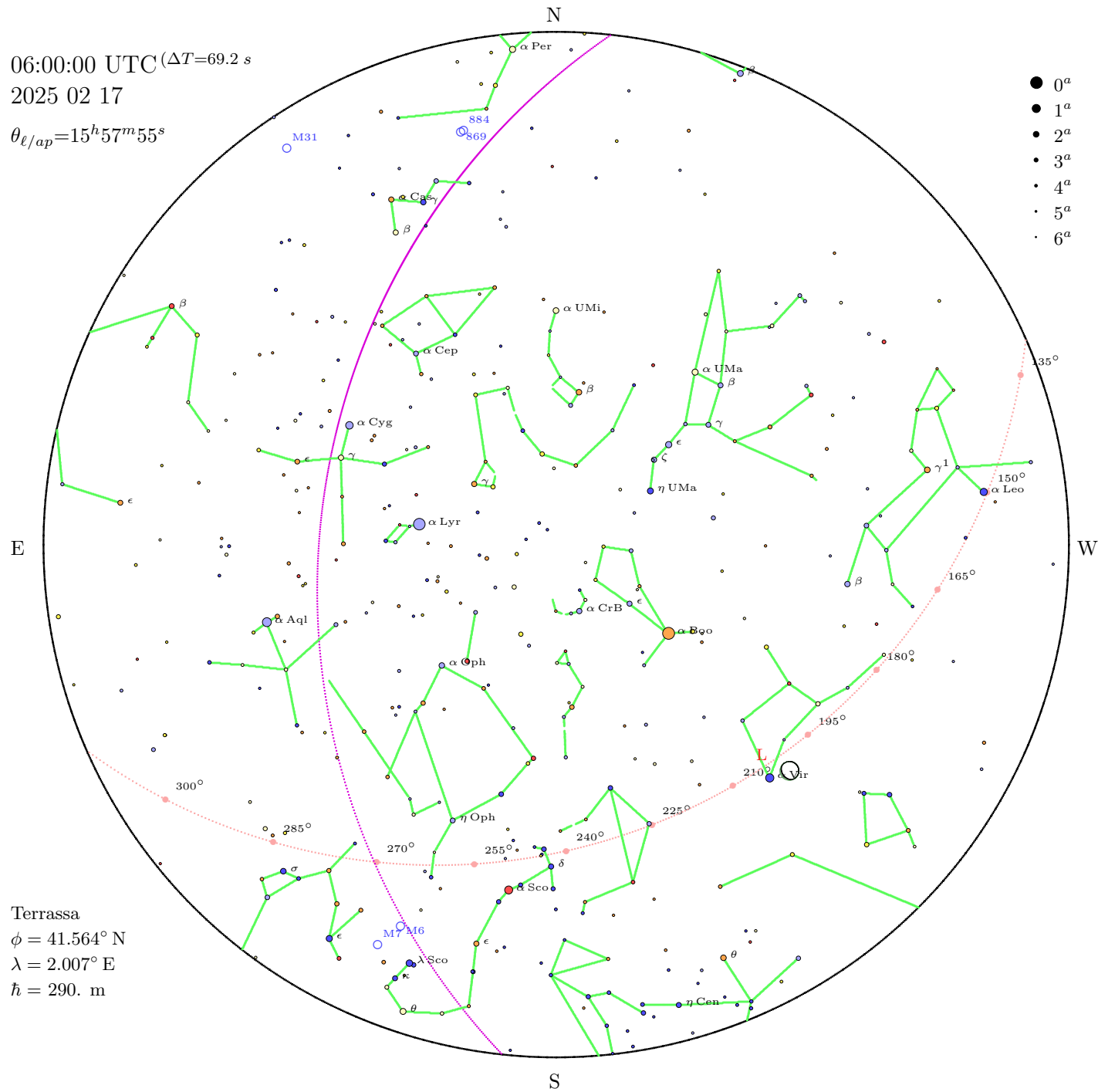
MapEst90,  $\vec{V}$ (J. Calaf)



06:00:00 UTC ( $\Delta T=69.2$  s)

2025 02 17

$\theta_{\ell/ap}=15^h57^m55^s$



- 0<sup>a</sup>
- 1<sup>a</sup>
- 2<sup>a</sup>
- 3<sup>a</sup>
- 4<sup>a</sup>
- 5<sup>a</sup>
- 6<sup>a</sup>

$V_*^{Hip} \leq 4.5$ ,  $n = 407$

$V_{*/n} \leq 2.5$ ,  $n = 41$

$V_{dif} \leq 4.5$ ,  $n = 5$

$h_{\odot} = -8.9^{\circ}$

$a_{\odot} = 278.0^{\circ}$

$h_C = 25.3^{\circ} / 65\% / \times 6.0$

$a_C = 45.9^{\circ}$

Terrassa  
 $\phi = 41.564^{\circ}$  N  
 $\lambda = 2.007^{\circ}$  E  
 $h = 290$ . m

### Comentari:

Mapa estel·lar febrer 2025

## Vista Zenital

MapEst90,  $\vec{V}$ (J. Calaf)