

Carte Stellari Mensili



Giocomania
www.giocomania.org

Monthly Star Charts

Mese di riferimento. La carta può essere proficuamente utilizzata fino al 15 del mese indicato e a partire dal 15 del mese precedente.

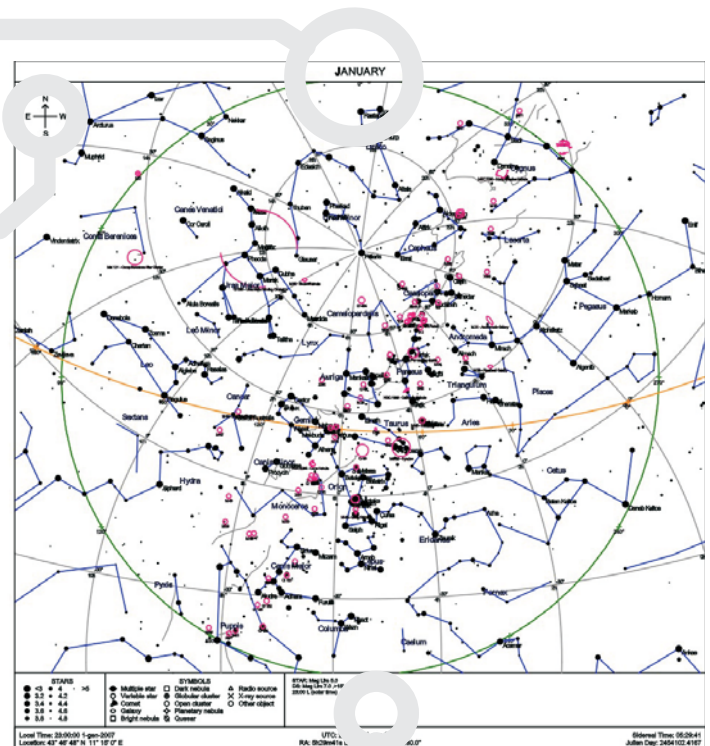
Referenced Month. The chart can be used from the 15th of the previous month until the current 15th.

Rosa dei venti speculare: ricorda che la carta va usata tenendola sopra la testa, correttamente orientata verso N e guardata dal basso verso l'alto. In questo modo, i punti cardinali tornano al loro posto!

Side reversed compass rose. Keep the chart over your head and northward oriented.

È riportata la griglia delle coordinate celesti (grigio). L'arco indicato dalla declinazione 0° rappresenta l'equatore celeste. L'arco arancio rappresenta l'eclittica mentre il circolo verde l'orizzonte teorico.

The celestial coordinates are represented by the grey grid. The arc with declination 0° is the celestial equator. The orange arc is the ecliptic and the green circle is the theoretical horizon.



La legenda riporta e ricorda:

- * la magnitudine visuale delle stelle mediante la dimensione del simbolo; sono mostrate tutte le stelle con magnitudine uguale o superiore alla 5;
- * i simboli relativi agli oggetti del cielo profondo; sono riportati tutti gli oggetti con magnitudine equivalente uguale o superiore alla 7 e dimensioni maggiori di $15''$;
- * ora solare locale cui la carta è riferita, ovvero le 23:00 locali (UTC+1);
- * coordinate geografiche del luogo di osservazione, ovvero Firenze (Arcetri);
- * date gregoriane e giuliane nominali (ogni primo del mese 2007).

Dato che sono stati volutamente omessi gli oggetti del sistema solare, le 12 carte mensili sono da considerarsi valide per diversi decenni, durante i quali alcune stelle (le più vicine) potranno avere variazioni al massimo di qualche primo d'arco. Per quanto riguarda la latitudine, non ci sono differenze significative per almeno tutto il centro Italia.

The map key recalls:

- * the stars' visual magnitude by the related symbol size; all stars with magnitude 5 at least are shown;
- * the deep sky objects symbols used; the chart reports objects with both equivalent magnitude 7 at least and size greater than $15''$;
- * solar time which the chart is referred to, that is 23:00 hrs local (UTC+1);
- * geographical coordinates of the observation site, that is Firenze (Arcetri);
- * nominal Gregorian date and Julian Day (every first day of the month in 2007).

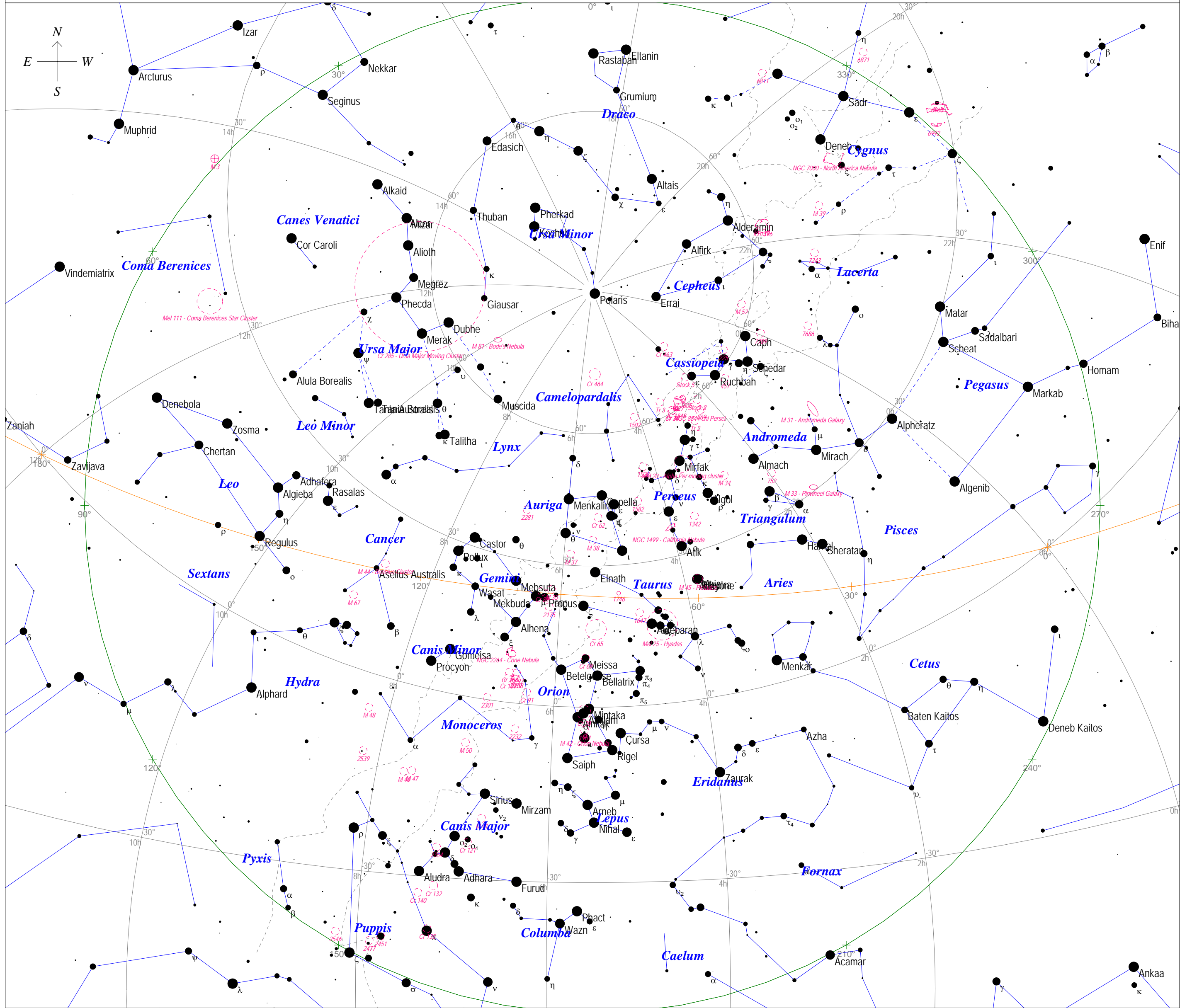
Since every solar system's object has been omitted right on purpose, the 12 charts can be reliably used for several decades, for within such a time span just some nearest stars could move some arcminutes at most. Regarding the observer's latitude, the usage of the chart over the entire central Italy (or 40 to 45° latitude) shouldn't lead to any significant error.

Map prints created with
Chris Marriot's **SkyMap Pro v10**
(year 2003, fully purchased edition)
www.skymap.com

ATTENZIONE: le 12 carte mensili hanno una dimensione nominale di pagina di 400x400 mm. In caso di stampa (consigliabile almeno su formato A3), includere l'opzione "adatta alla pagina".

NOTICE - the 12 star chart pages have a nominal 400x400 mm paper sheet size. If printed, on A3 format at least, please include the "fit to page" option.

JANUARY



STARS

● <3	● 4	>5
● 3.2	● 4.2	
● 3.4	● 4.4	
● 3.6	● 4.6	
● 3.8	● 4.8	

SYMBOLS

● Multiple star	⊠ Dark nebula	△ Radio source
○ Variable star	⊕ Globular cluster	× X-ray source
☄ Comet	○ Open cluster	○ Other object
☄ Galaxy	⊕ Planetary nebula	
□ Bright nebula	⊕ Quasar	

STAR: Mag Lim 5.0
 DS: Mag Lim 7.0 >15'
 23:00 L (solar time)

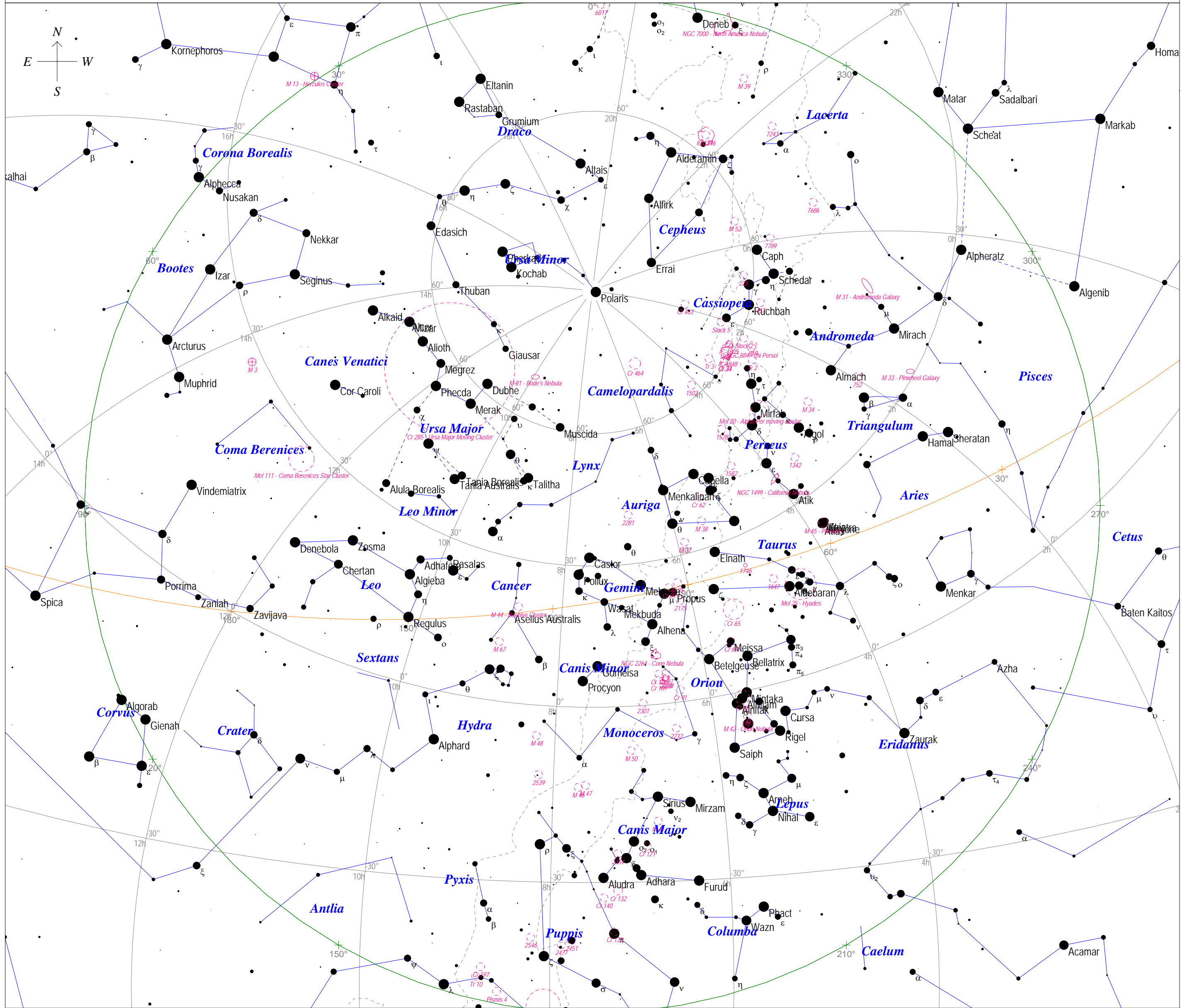


Local Time: 23:00:00 1-gen-2007
 Location: 43° 46' 48" N 11° 15' 0" E

UTC: 22:00:00 1-gen-2007
 RA: 5h29m41s Dec: +43° 46' Field: 180.0°

Sidereal Time: 05:29:41
 Julian Day: 2454102.4167

FEBRUARY



STARS

● <3	● 4	>5
● 3.2	● 4.2	
● 3.4	● 4.4	
● 3.6	● 4.6	
● 3.8	● 4.8	

SYMBOLS

● Multiple star	⊠ Dark nebula	△ Radio source
○ Variable star	⊕ Globular cluster	× X-ray source
☄ Comet	○ Open cluster	○ Other object
☉ Galaxy	⊙ Planetary nebula	
□ Bright nebula	⊞ Quasar	

STAR: Mag Lim 5.0
 DS: Mag Lim 7.0 >15'
 23:00 L (solar time)

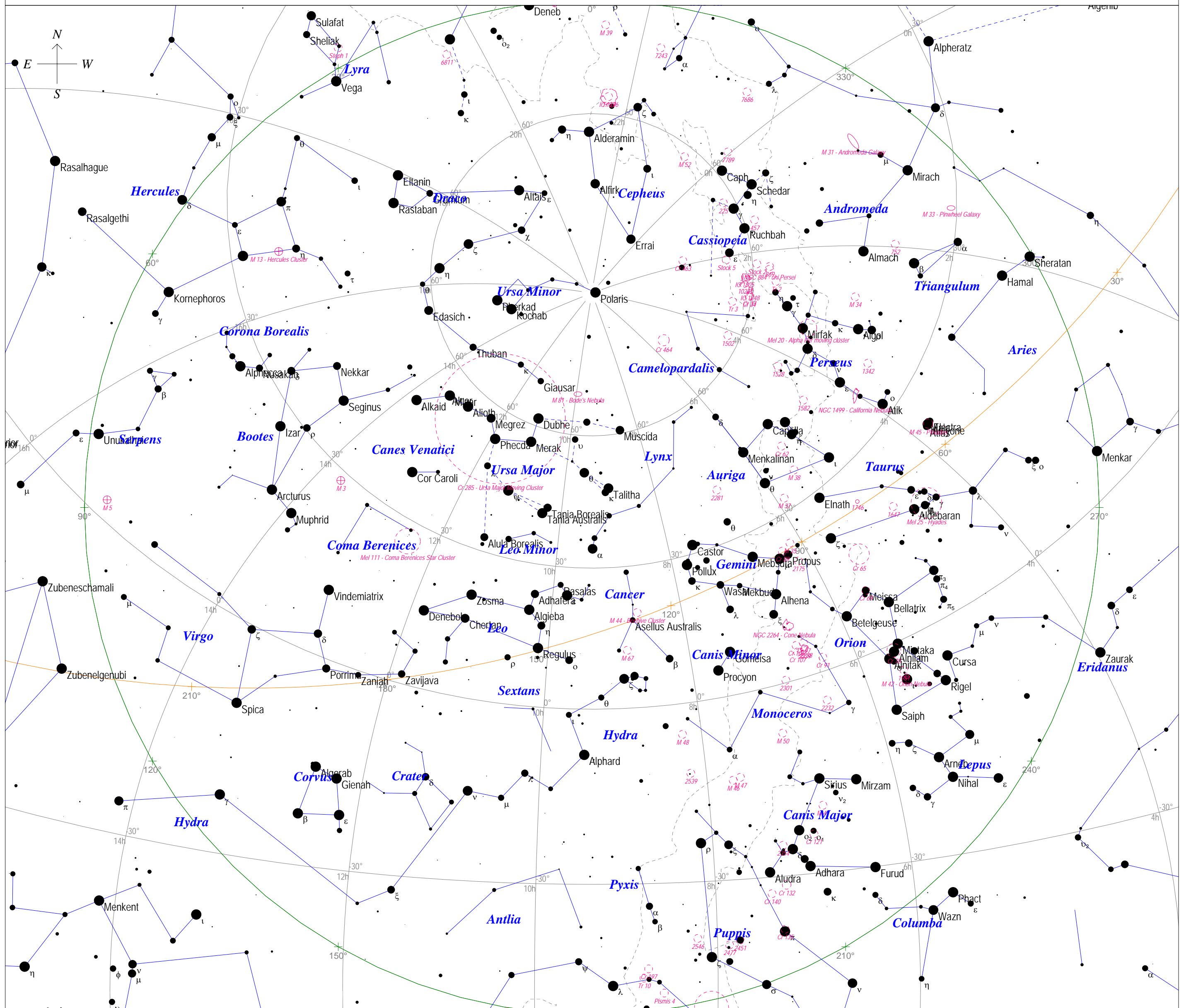


Local Time: 23:00:00 1-feb-2007
 Location: 43° 46' 48" N 11° 15' 0" E

UTC: 22:00:00 1-feb-2007
 RA: 7h31m55s Dec: +43° 46' Field: 180.0°

Sidereal Time: 07:31:54
 Julian Day: 2454133.4167

MARCH



STARS

● <3	● 4	>5
● 3.2	● 4.2	
● 3.4	● 4.4	
● 3.6	● 4.6	
● 3.8	● 4.8	

SYMBOLS

● Multiple star	☐ Dark nebula	△ Radio source
○ Variable star	⊕ Globular cluster	✕ X-ray source
☄ Comet	○ Open cluster	○ Other object
☉ Galaxy	☄ Planetary nebula	
☐ Bright nebula	☄ Quasar	

STAR: Mag Lim 5.0
 DS: Mag Lim 7.0 >15'
 23:00 L (solar time)

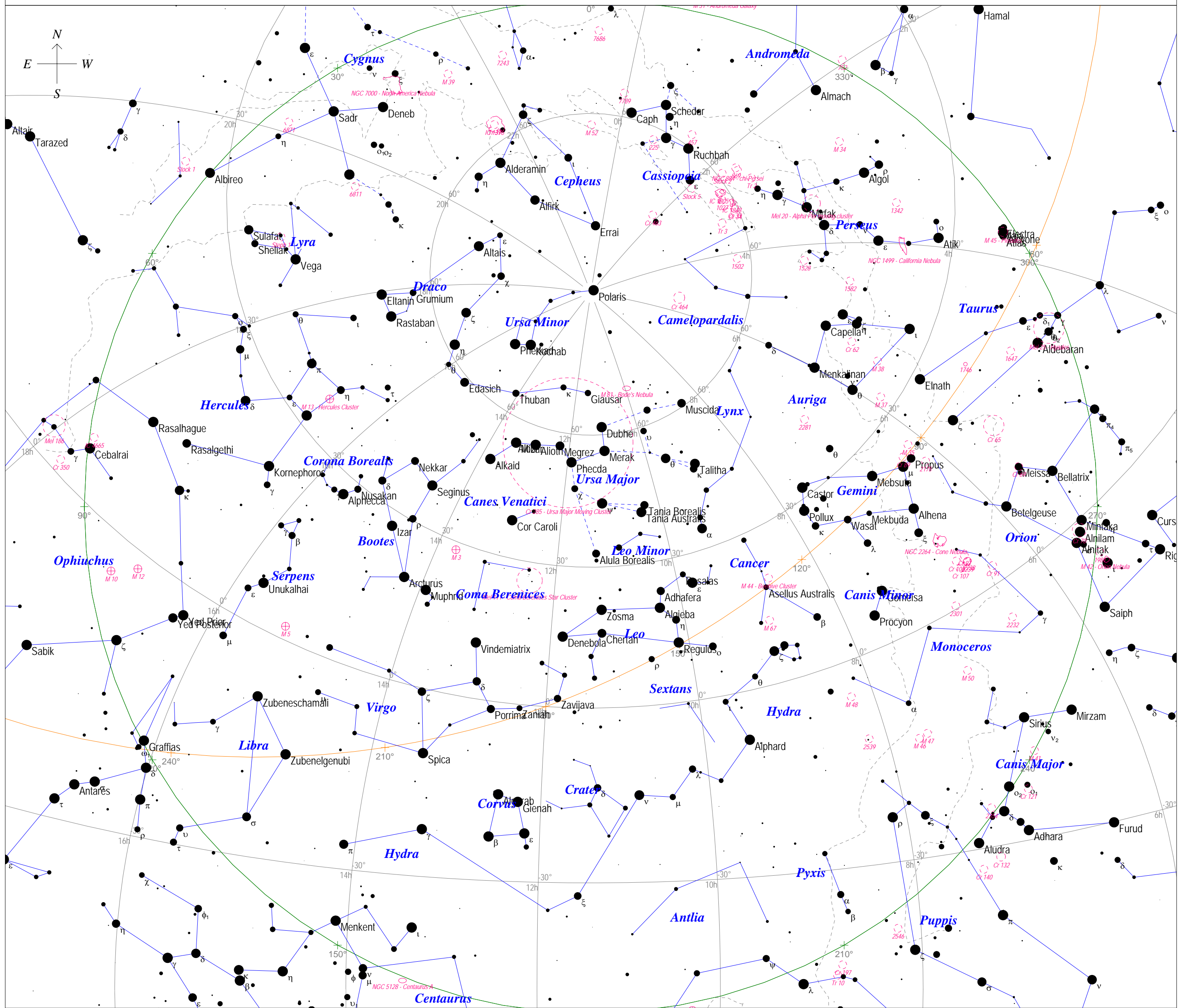


Local Time: 23:00:00 1-mar-2007
 Location: 43° 46' 48" N 11° 15' 0" E

UTC: 22:00:00 1-mar-2007
 RA: 9h22m18s Dec: +43° 46' Field: 180.0°

Sidereal Time: 09:22:18
 Julian Day: 2454161.4167

APRIL



STARS

● <3	● 4	>5
● 3.2	● 4.2	
● 3.4	● 4.4	
● 3.6	● 4.6	
● 3.8	● 4.8	

SYMBOLS

● Multiple star	☐ Dark nebula	△ Radio source
○ Variable star	⊕ Globular cluster	× X-ray source
☄ Comet	○ Open cluster	○ Other object
☉ Galaxy	☉ Planetary nebula	
☐ Bright nebula	☉ Quasar	

STAR: Mag Lim 5.0
 DS: Mag Lim 7.0 >15'
 23:00 L (solar time)

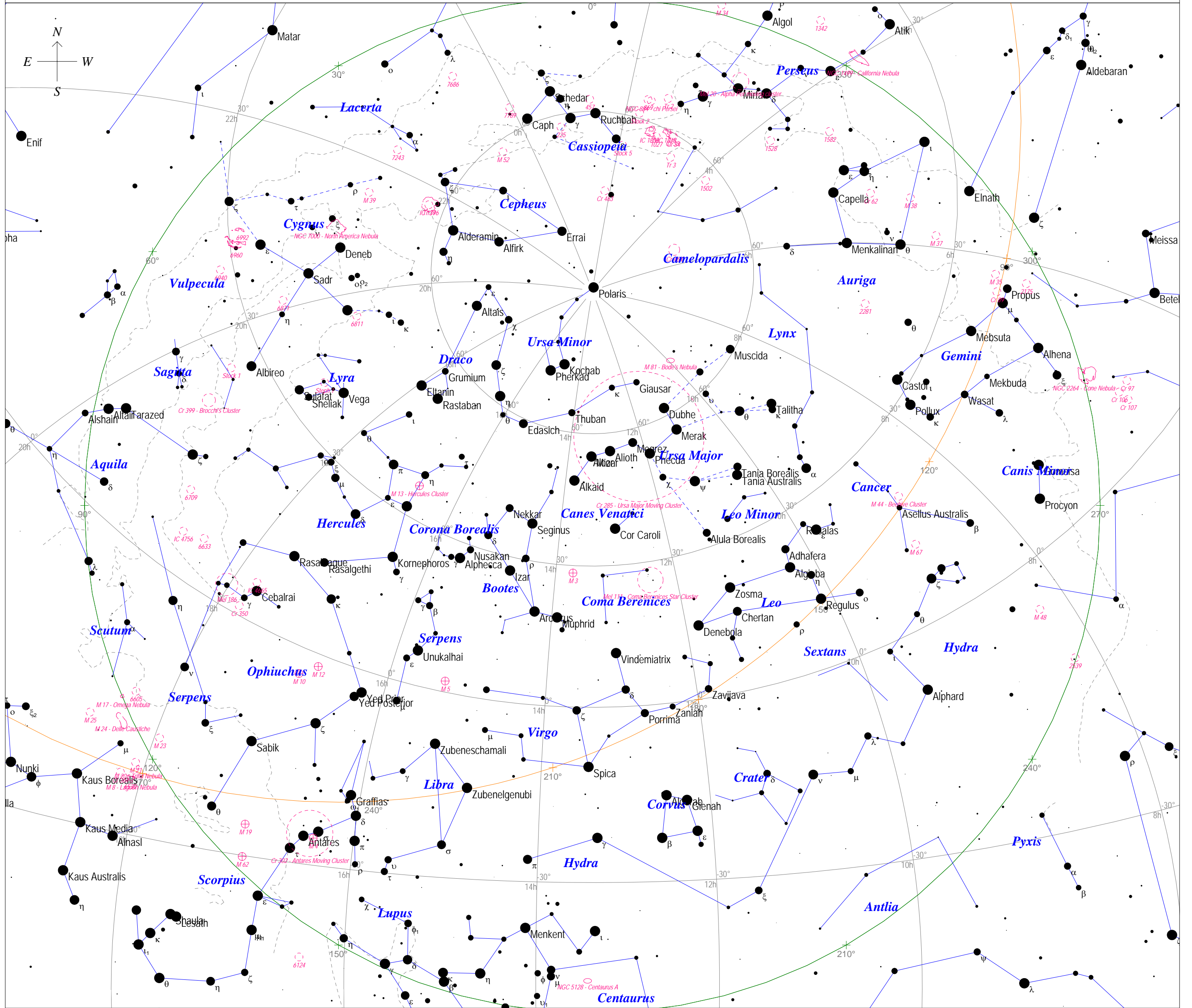


Local Time: 23:00:00 1-apr-2007
 Location: 43° 46' 48" N 11° 15' 0" E

UTC: 22:00:00 1-apr-2007
 RA: 11h24m31s Dec: +43° 46' Field: 180.0°

Sidereal Time: 11:24:31
 Julian Day: 2454192.4167

MAY



STARS

● <3	● 4	>5
● 3.2	● 4.2	
● 3.4	● 4.4	
● 3.6	● 4.6	
● 3.8	● 4.8	

SYMBOLS

● Multiple star	⊠ Dark nebula	△ Radio source
○ Variable star	⊕ Globular cluster	× X-ray source
☄ Comet	○ Open cluster	○ Other object
☐ Galaxy	⊕ Planetary nebula	
□ Bright nebula	⊕ Quasar	

STAR: Mag Lim 5.0
 DS: Mag Lim 7.0 >15'
 23:00 L (solar time)

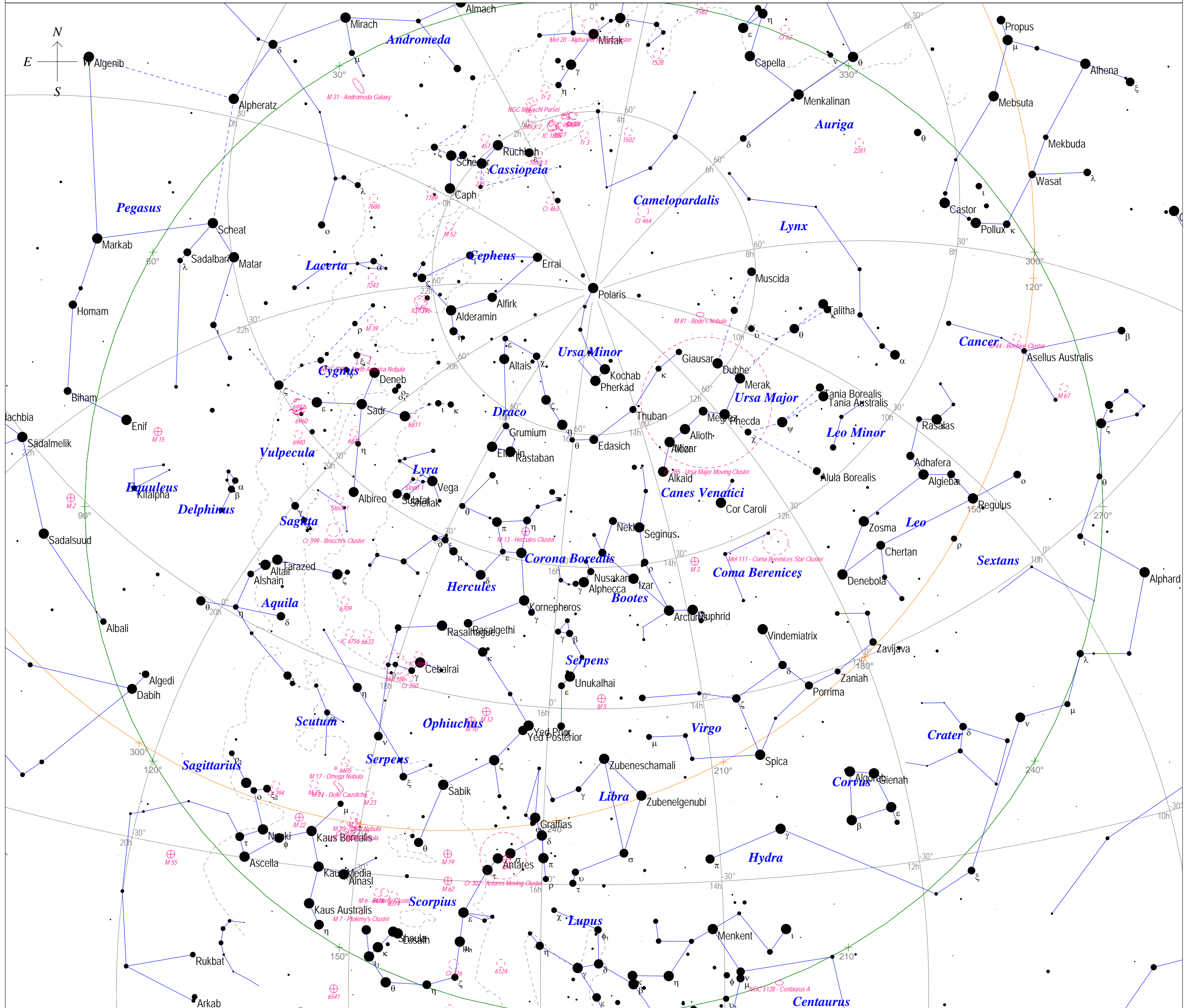


Local Time: 23:00:00 1-mag-2007
 Location: 43° 46' 48" N 11° 15' 0" E

UTC: 22:00:00 1-mag-2007
 RA: 13h22m48s Dec: +43° 46' Field: 180.0°

Sidereal Time: 13:22:48
 Julian Day: 2454222.4167

JUNE



STARS

● <3	● 4	● >5
● 3.2	● 4.2	
● 3.4	● 4.4	
● 3.6	● 4.6	
● 3.8	● 4.8	

SYMBOLS

● Multiple star	☐ Dark nebula	△ Radio source
○ Variable star	⊕ Globular cluster	✕ X-ray source
☄ Comet	○ Open cluster	○ Other object
☉ Galaxy	☾ Planetary nebula	
☐ Bright nebula	☉ Quasar	

STAR: Mag Lim 5.0
 DS: Mag Lim 7.0 >15'
 23:00 L (solar time)

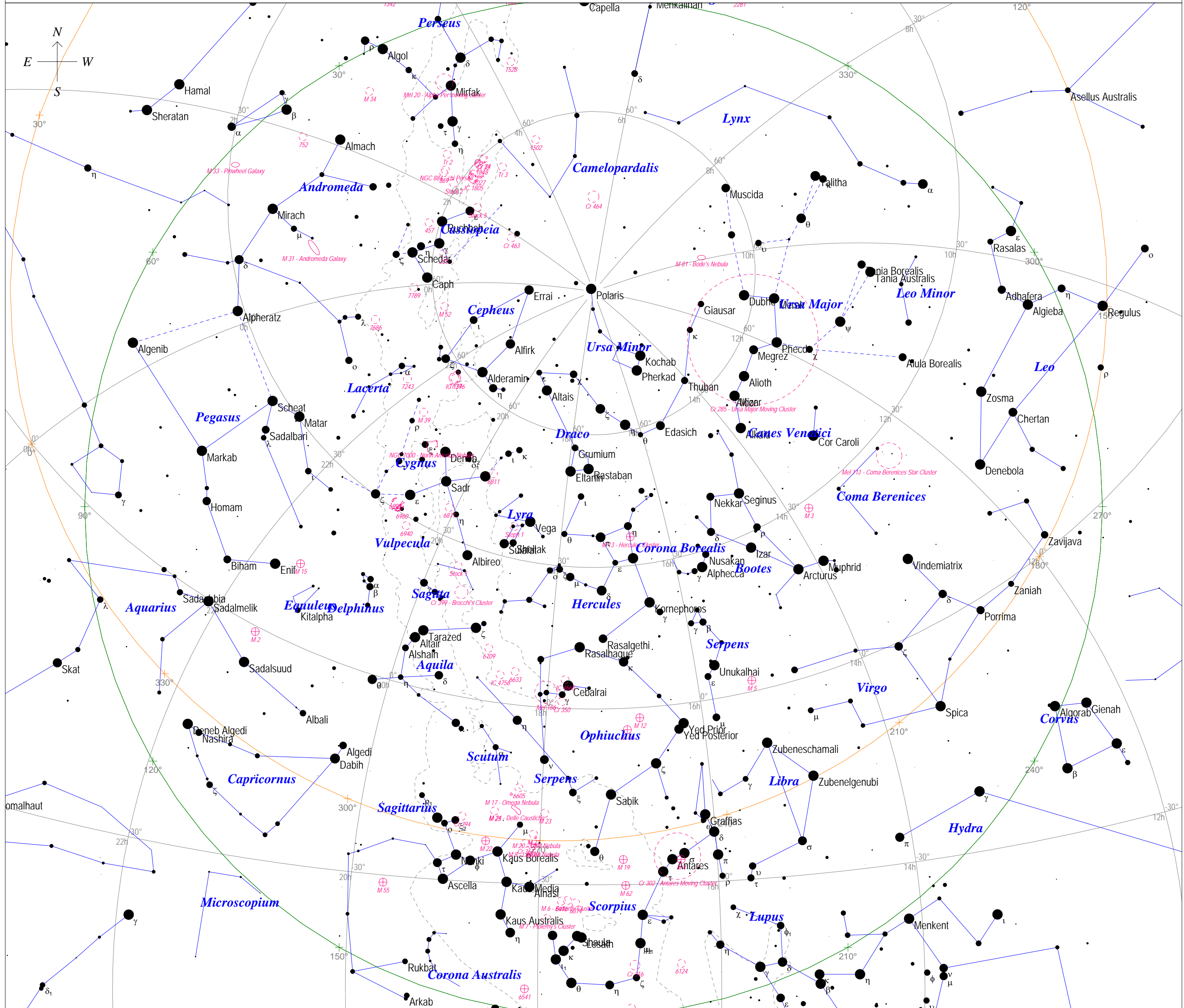


Local Time: 23:00:00 1-giu-2007
 Location: 43° 46' 48" N 11° 15' 0" E

UTC: 22:00:00 1-giu-2007
 RA: 15h25m01s Dec: +43° 46' Field: 180.0°

Sidereal Time: 15:25:01
 Julian Day: 2454253.4167

JULY



STARS

● <3	● 4	>5
● 3.2	● 4.2	
● 3.4	● 4.4	
● 3.6	● 4.6	
● 3.8	● 4.8	

SYMBOLS

● Multiple star	◻ Dark nebula	△ Radio source
○ Variable star	⊕ Globular cluster	× X-ray source
☄ Comet	○ Open cluster	○ Other object
☉ Galaxy	⊙ Planetary nebula	
□ Bright nebula	⊞ Quasar	

STAR: Mag Lim 5.0
 DS: Mag Lim 7.0 >15'
 23:00 L (solar time)

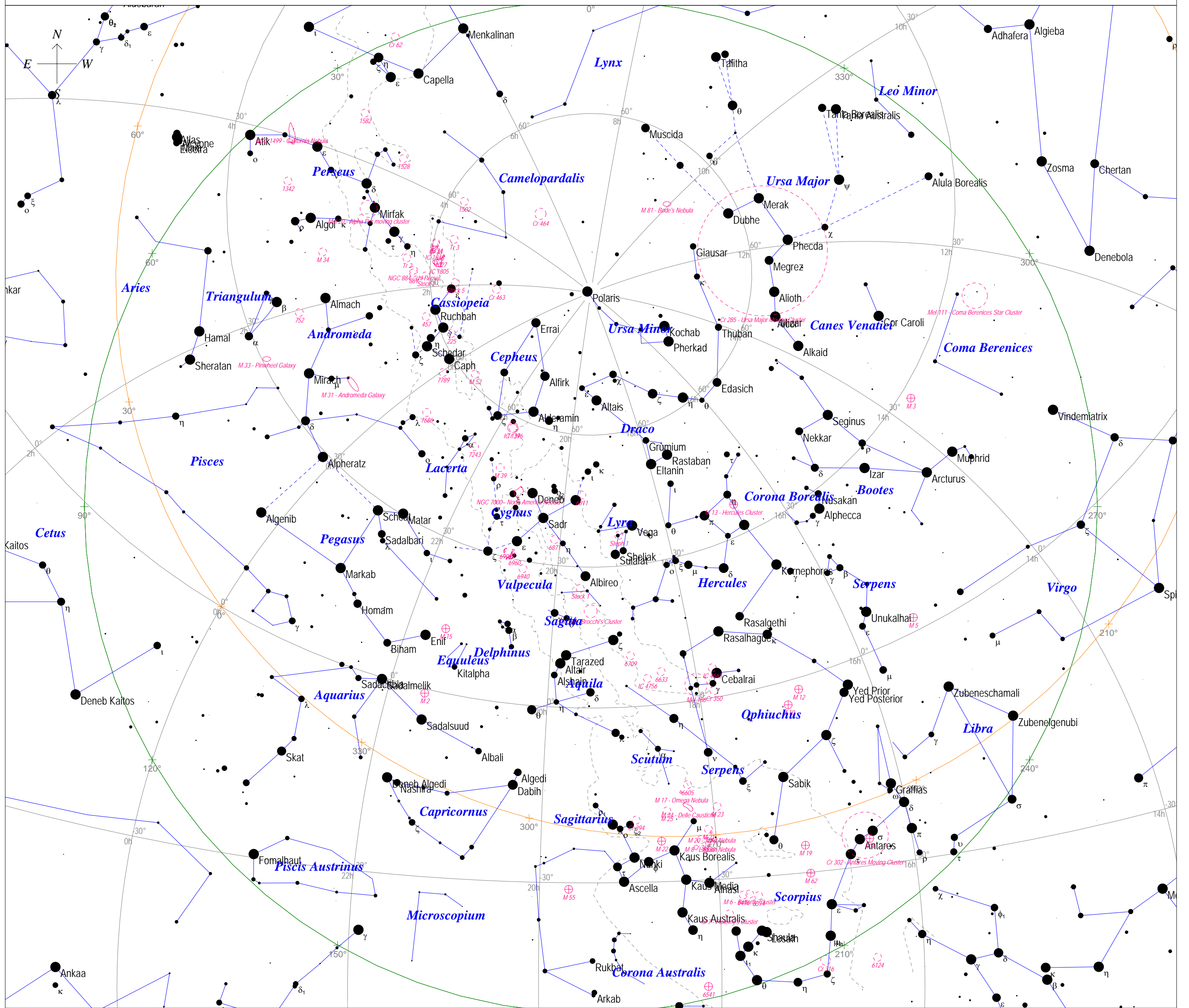


Local Time: 23:00:00 1-lug-2007
 Location: 43° 46' 48" N 11° 15' 0" E

UTC: 22:00:00 1-lug-2007
 RA: 17h23m18s Dec: +43° 46' Field: 180.0°

Sidereal Time: 17:23:18
 Julian Day: 2454283.4167

AUGUST



STARS

● <3	● 4	>5
● 3.2	● 4.2	
● 3.4	● 4.4	
● 3.6	● 4.6	
● 3.8	● 4.8	

SYMBOLS

● Multiple star	□ Dark nebula	△ Radio source
○ Variable star	⊕ Globular cluster	× X-ray source
☄ Comet	○ Open cluster	○ Other object
☉ Galaxy	⊕ Planetary nebula	
□ Bright nebula	⊕ Quasar	

STAR: Mag Lim 5.0
 DS: Mag Lim 7.0 >15'
 23:00 L (solar time)

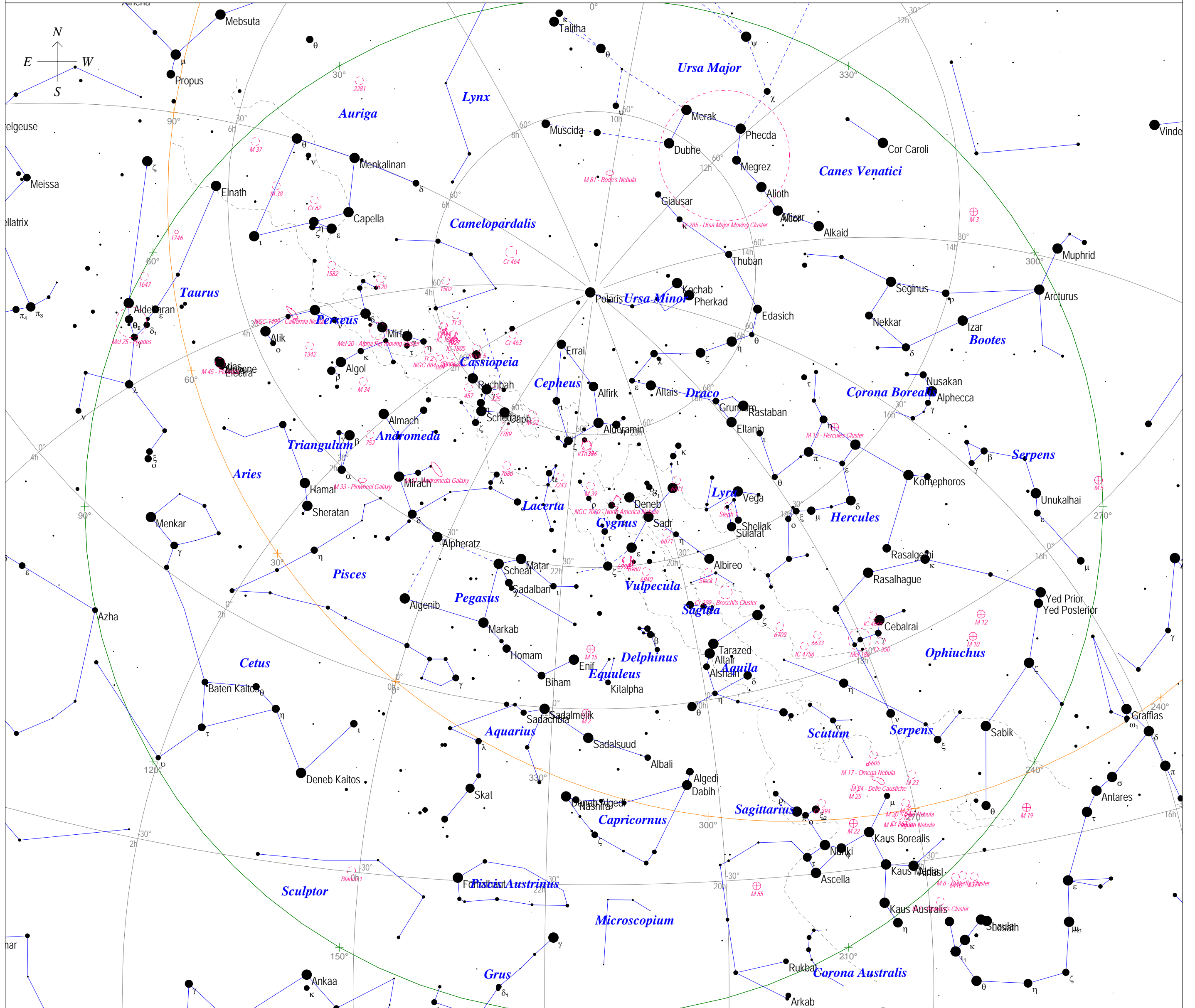


Local Time: 23:00:00 1-ago-2007
 Location: 43° 46' 48" N 11° 15' 0" E

UTC: 22:00:00 1-ago-2007
 RA: 19h25m31s Dec: +43° 46' Field: 180.0°

Sidereal Time: 19:25:31
 Julian Day: 2454314.4167

SEPTEMBER



STARS

● <3	● 4	>5
● 3.2	● 4.2	
● 3.4	● 4.4	
● 3.6	● 4.6	
● 3.8	● 4.8	

SYMBOLS

● Multiple star	☐ Dark nebula	△ Radio source
○ Variable star	⊕ Globular cluster	✕ X-ray source
☄ Comet	○ Open cluster	○ Other object
☉ Galaxy	☉ Planetary nebula	
☐ Bright nebula	☉ Quasar	

STAR: Mag Lim 5.0
 DS: Mag Lim 7.0 >15'
 23:00 L (solar time)

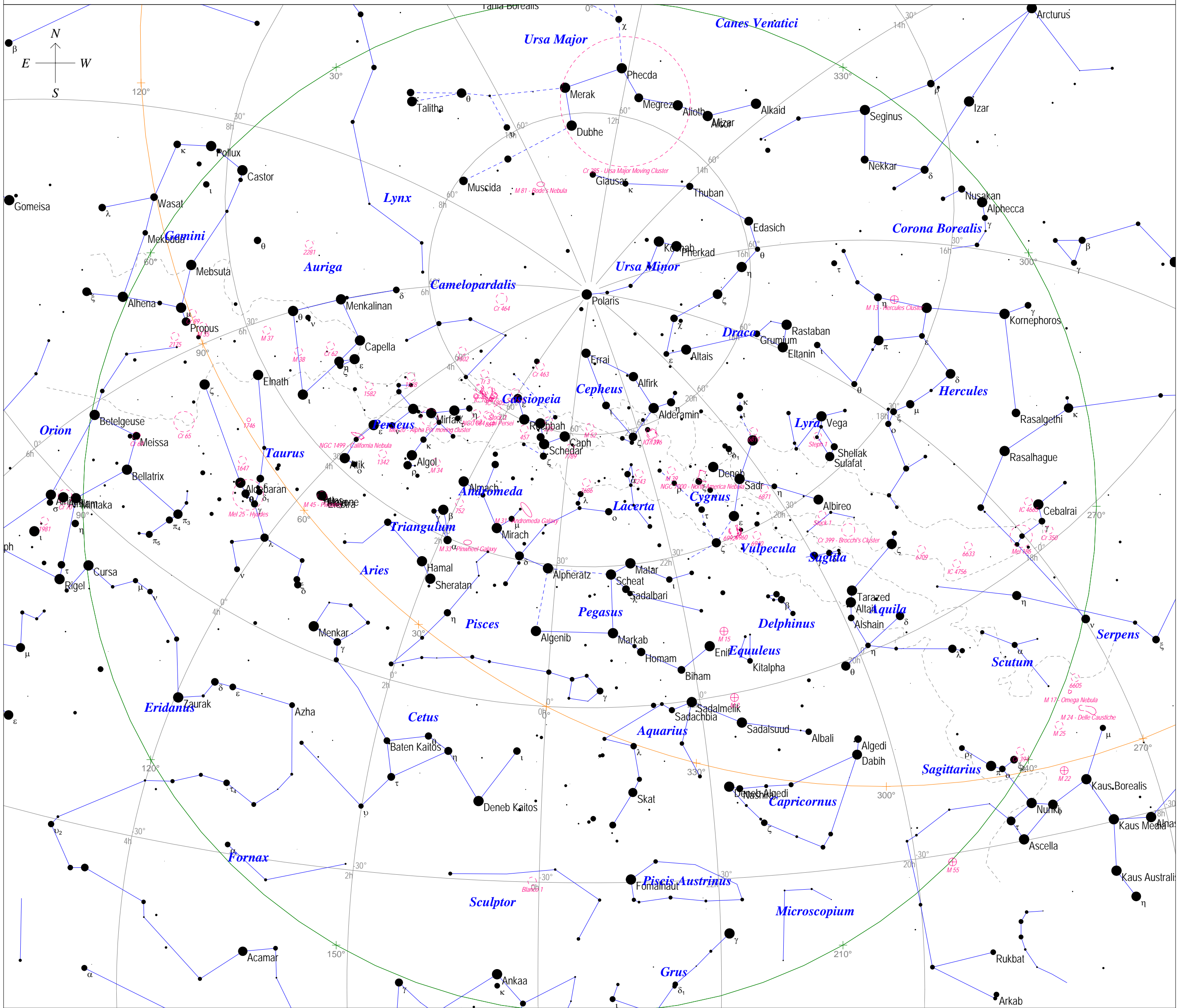


Local Time: 23:00:00 1-set-2007
 Location: 43° 46' 48" N 11° 15' 0" E

UTC: 22:00:00 1-set-2007
 RA: 21h27m45s Dec: +43° 46' Field: 180.0°

Sidereal Time: 21:27:44
 Julian Day: 2454345.4167

OCTOBER



STARS

● <3	● 4	>5
● 3.2	● 4.2	
● 3.4	● 4.4	
● 3.6	● 4.6	
● 3.8	● 4.8	

SYMBOLS

● Multiple star	□ Dark nebula	△ Radio source
○ Variable star	⊕ Globular cluster	× X-ray source
☄ Comet	○ Open cluster	○ Other object
☄ Galaxy	⊕ Planetary nebula	
□ Bright nebula	⊕ Quasar	

STAR: Mag Lim 5.0
 DS: Mag Lim 7.0 >15'
 23:00 L (solar time)

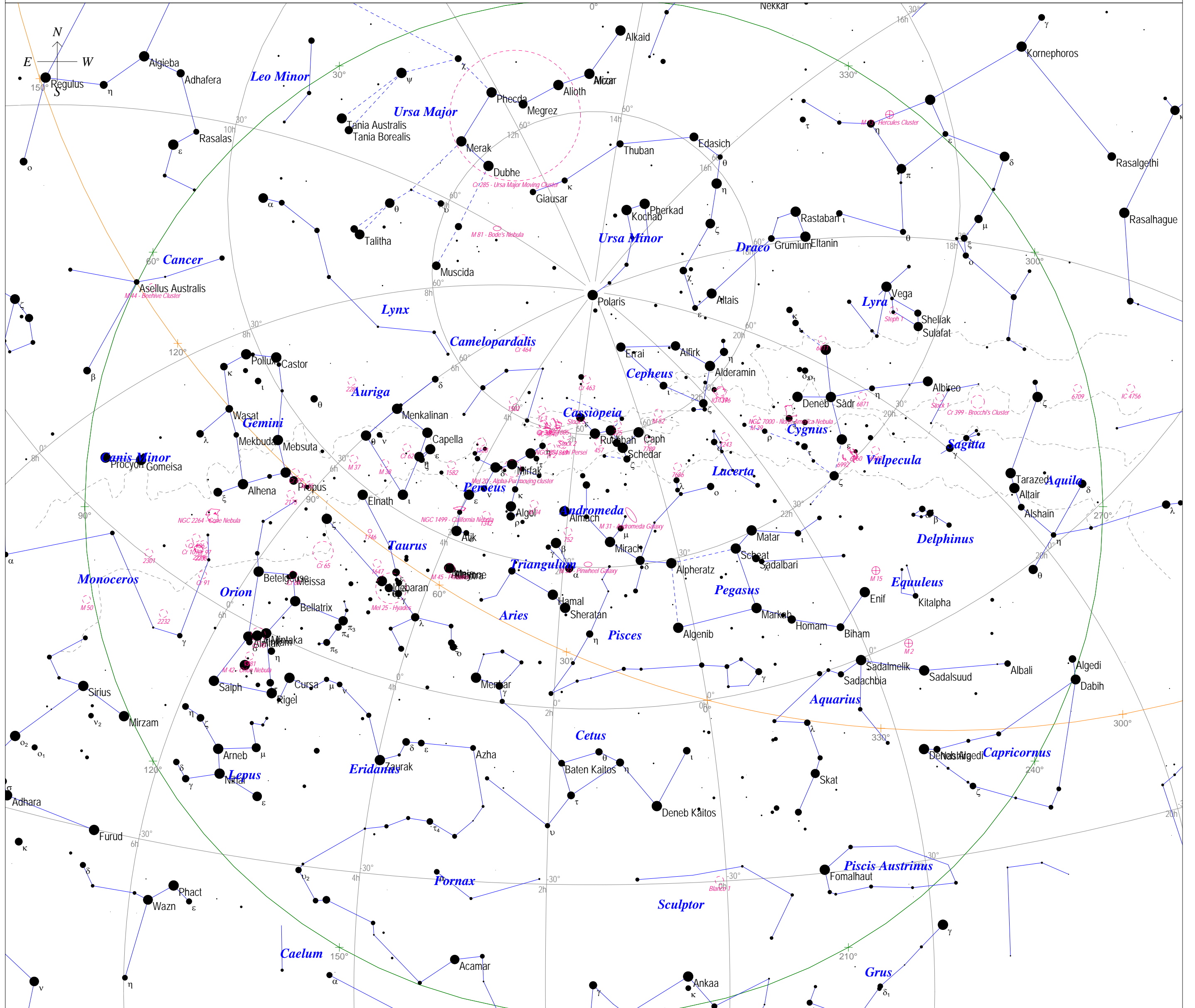


Local Time: 23:00:00 1-ott-2007
 Location: 43° 46' 48" N 11° 15' 0" E

UTC: 22:00:00 1-ott-2007
 RA: 23h26m01s Dec: +43° 46' Field: 180.0°

Sidereal Time: 23:26:01
 Julian Day: 2454375.4167

NOVEMBER



STARS

● <3	● 4	>5
● 3.2	● 4.2	
● 3.4	● 4.4	
● 3.6	● 4.6	
● 3.8	● 4.8	

SYMBOLS

● Multiple star	□ Dark nebula	△ Radio source
○ Variable star	⊕ Globular cluster	× X-ray source
☄ Comet	○ Open cluster	○ Other object
☐ Galaxy	⊕ Planetary nebula	
□ Bright nebula	⊕ Quasar	

STAR: Mag Lim 5.0
 DS: Mag Lim 7.0 >15'
 23:00 L (solar time)

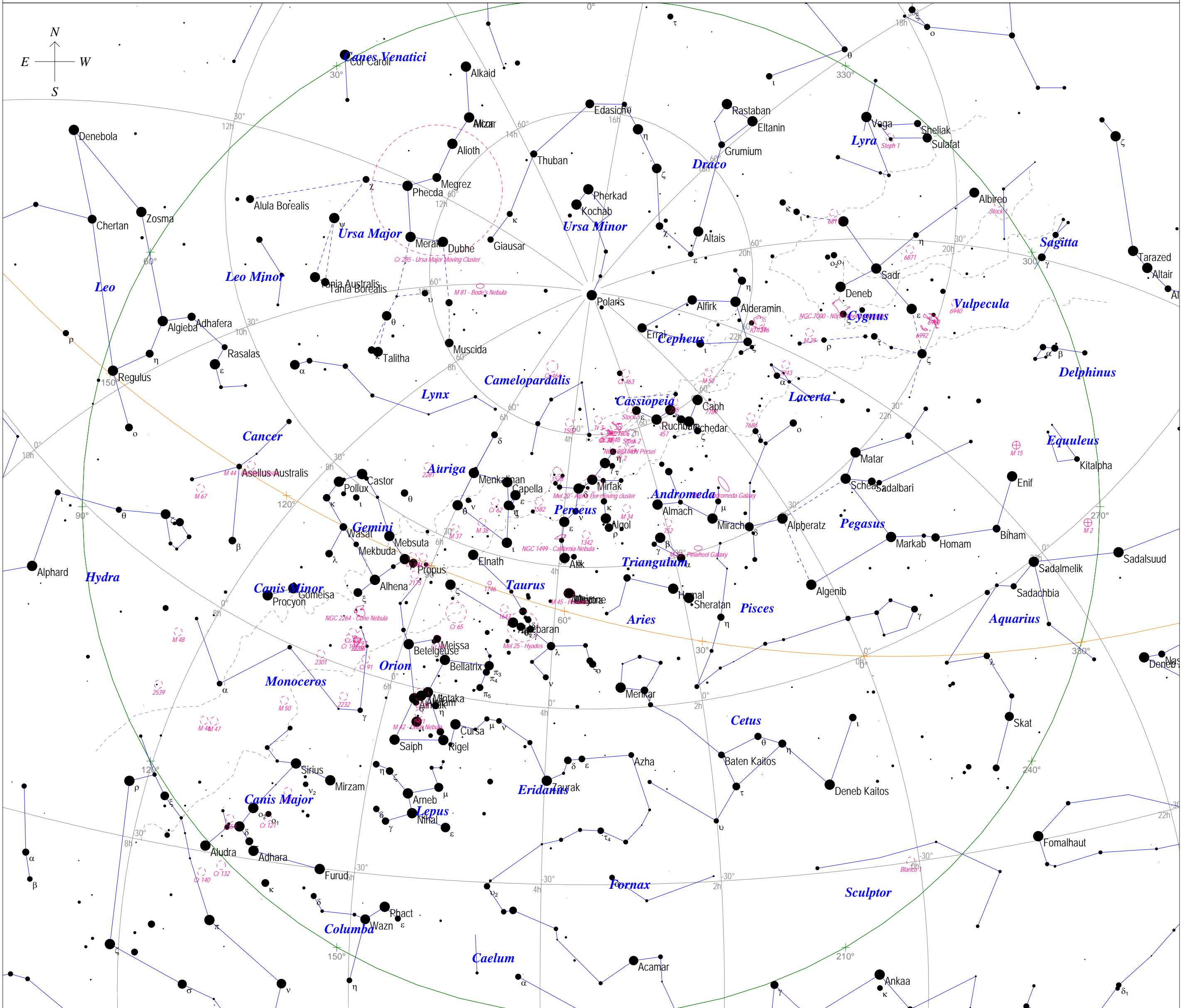



Local Time: 23:00:00 1-nov-2007
 Location: 43° 46' 48" N 11° 15' 0" E

UTC: 22:00:00 1-nov-2007
 RA: 1h28m14s Dec: +43° 46' Field: 180.0°

Sidereal Time: 01:28:14
 Julian Day: 2454406.4167

DECEMBER



<p>STARS</p> <ul style="list-style-type: none"> ● <3 ● 3.2 ● 3.4 ● 3.6 ● 3.8 ● 4 ● 4.2 ● 4.4 ● 4.6 ● 4.8 >5 	<p>SYMBOLS</p> <ul style="list-style-type: none"> ● Multiple star ○ Variable star ☄ Comet ☉ Galaxy □ Bright nebula ◻ Dark nebula ⊕ Globular cluster ○ Open cluster ⊕ Planetary nebula ⊕ Quasar △ Radio source × X-ray source ○ Other object 	<p>STAR: Mag Lim 5.0 DS: Mag Lim 7.0 >15' 23:00 L (solar time)</p>	 <p>Giocomania www.giocomania.org</p>
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