

CONSTELLATION HUNTER OBSERVATION LOG

Name	Seeing (1-10)	Site
Date / Time	Transparency(1-5)	Constellation
Comments		

Sketch of Constellation

Constellation Hunter Northern Skies Observing Checklist

	Constellation	Right Ascension (center)	Declination (center)
[]	Andromeda	01 hr	+ 40 deg
[]	Aquarius	23 hrs	- 10 deg
[]	Aquila	20 hrs	+ 4 deg
[]	Aries	03 hrs	+ 20 deg
[]	Auriga	06 hrs	+ 39 deg
[]	Bootes	15 hrs	+ 40 deg
[]	Camelopardalis	06 hrs	+ 69 deg
[]	Cancer	09 hrs	+ 20 deg
[]	Canes Venatici	13 hrs	+ 40 deg
[]	Canis Minor	08 hrs	+ 5 deg
[]	Cassiopeia	01 hr	+ 60 deg
[]	Cepheus	23 hrs	+ 75 deg
[]	Coma Berenices	13 hrs	+ 20 deg
[]	Corona Borealis	16 hrs	+ 30 deg
[]	Cygnus	21 hrs	+ 40 deg
[]	Delphinus	21 hrs	+ 10 deg
[]	Draco	17 hrs	+ 60 deg
[]	Equuleus	21 hrs	+ 7 deg
[]	Gemini	07 hrs	+ 22 deg
[]	Hercules	17 hrs	+ 30 deg
[]	Lacerta	23 hrs	+ 46 deg
[]	Leo	11 hrs	+ 14 deg
[]	Leo Minor	10 hrs	+ 34 deg
[]	Lynx	08 hrs	+ 46 deg
[]	Lyra	19 hrs	+ 35 deg
[]	Monoceros	07 hrs	0 deg
[]	Orion	05 hrs	+ 5 deg
[]	Pegasus	03 hrs	+ 45 deg
[]	Perseus	04 hrs	+ 46 deg
[]	Pisces	01 hr	+ 10 deg
[]	Sagitta	20 hrs	+ 20 deg
[]	Serpens (both parts)	17 hrs	0 deg

[]	Sextans	10 hrs	0 deg
[]	Taurus	05 hrs	+ 20 deg
[]	Triangulum	02 hrs	+ 32 deg
[]	Ursa Major	11 hrs	+ 56 deg
[]	Ursa Minor	15 hrs	+ 75 deg
[]	Vulpecula	20 hrs	+ 25 deg

Rules and Regulations

To qualify for the AL's Constellation Hunter Certificates and pins, you need only be a member of the Astronomical League, either through an affiliated club or as a Member-at-Large, and observe and sketch all of the constellations on the included on the checklist that you are pursuing. No equipment is required other than a planisphere and reference information of the names of major stars and constellation boundaries. Binoculars, while not required, will give you a deeper look into the star fields that you sketch. You should not include these additional stars and objects on your sketches, but the view will give you an appreciation for all of the things that await you in the other Astronomical League Certification Programs. You should proceed constellation by constellation. For each constellation, you need to provide this data:

- Local date and time.
- Latitude and Longitude of observation.
- Constellation name.
- Sky conditions: transparency, and seeing.
- A sketch of all stars that were visible to the unaided eye, out to the limits of the constellation's boundary. Named stars should be identified on the sketch.
- The sketch should include other objects that are visible within the boundaries of the constellation, including but not limited to: galaxies, open clusters, globular clusters, and nebulas.

You must be a member of the Astronomical League to receive these certificates.

To receive your Constellation Hunter Certificate and pin, simply send your sketches along with your name, address, phone number, and society affiliation, either to your society's Awards Co-ordinator for verification, or to:

Aaron B. Clevenson
 19411 Cluster Oaks Drive
 Humble, TX 77346-2918
 (281) 852-4667
 E-mail: aaron@clevenson.org

Upon verification of your observations, your certificate and pin will be forwarded either to you or your society's Awards Co-ordinator, whomever you choose.