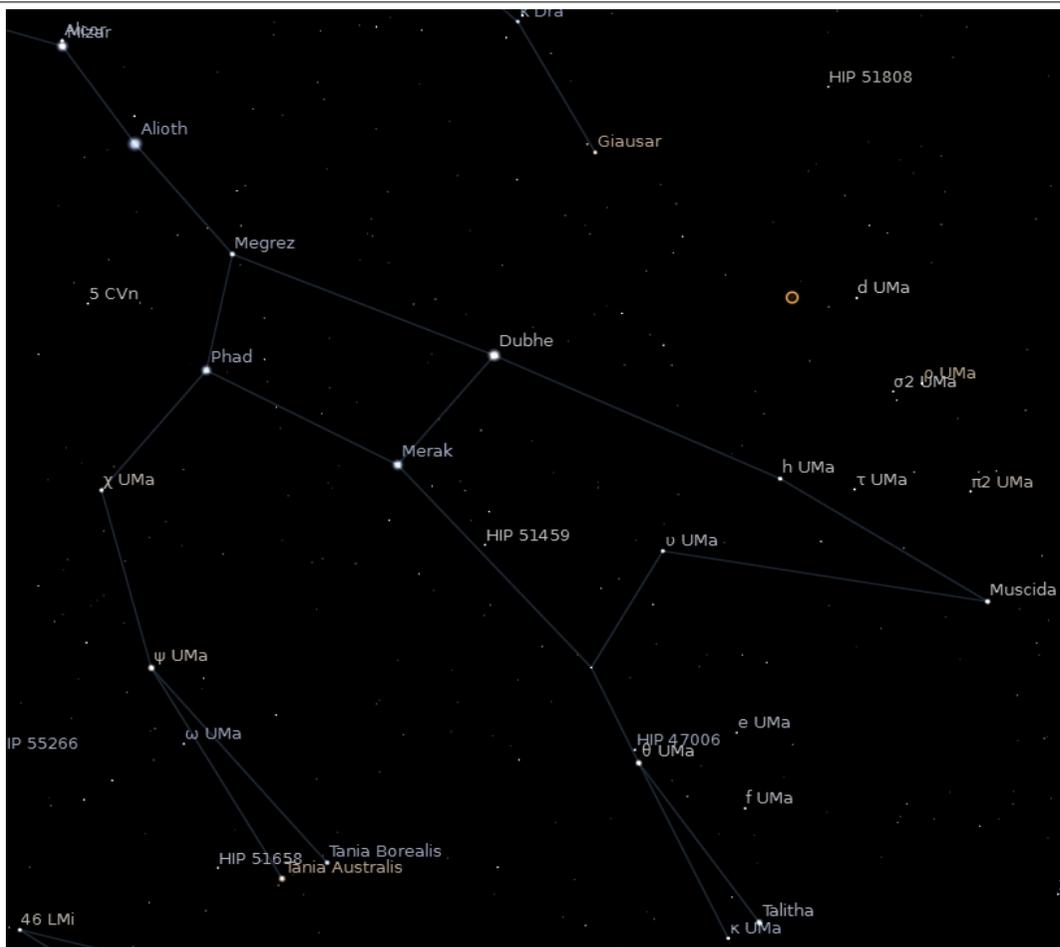


# FIND THE GREAT BEAR!

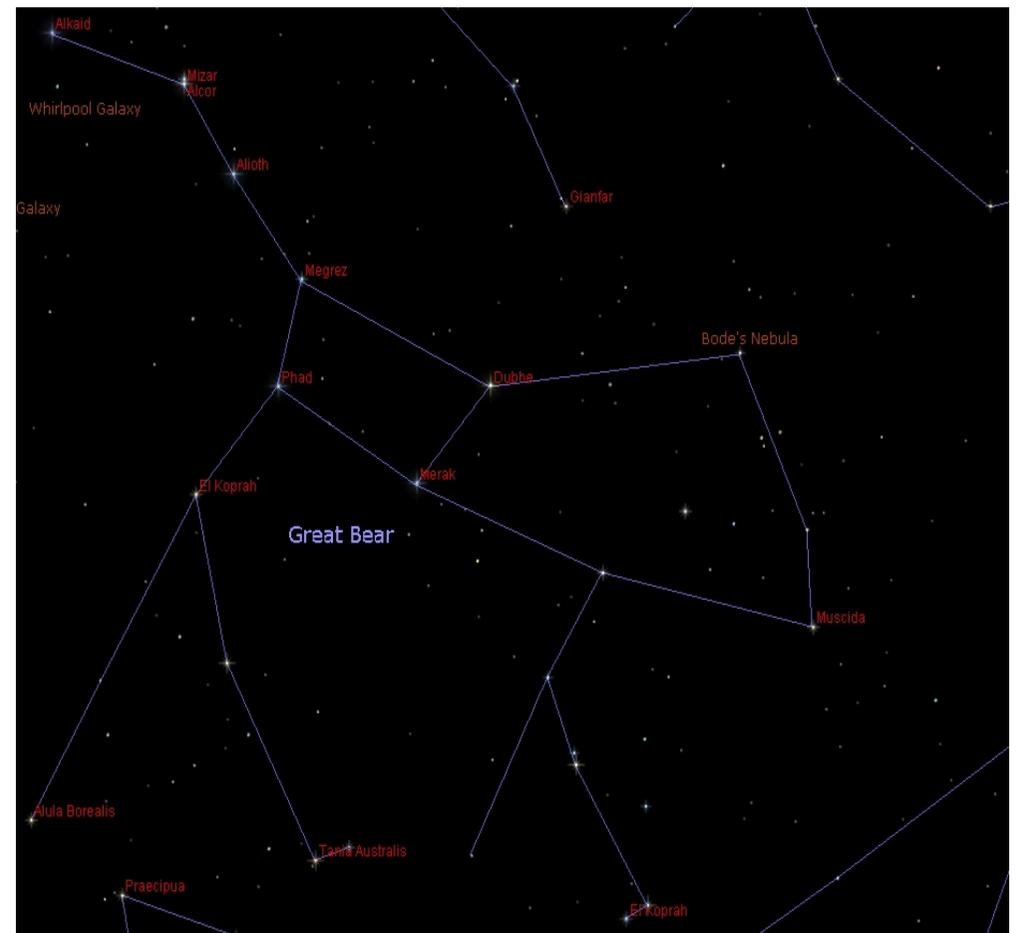
There is a great bear in the sky.  
But can you find him?  
He's hiding among the stars.  
He only comes out at night.

First of all look for a large saucepan shape in the sky.  
It's always somewhere towards the north, north east or north west.  
Sometimes it is upside down or on its side.  
When you have found the saucepan, now you can begin to look for the bear.  
He's a strange bear. He consists of stars.  
So let's look at some star charts first:



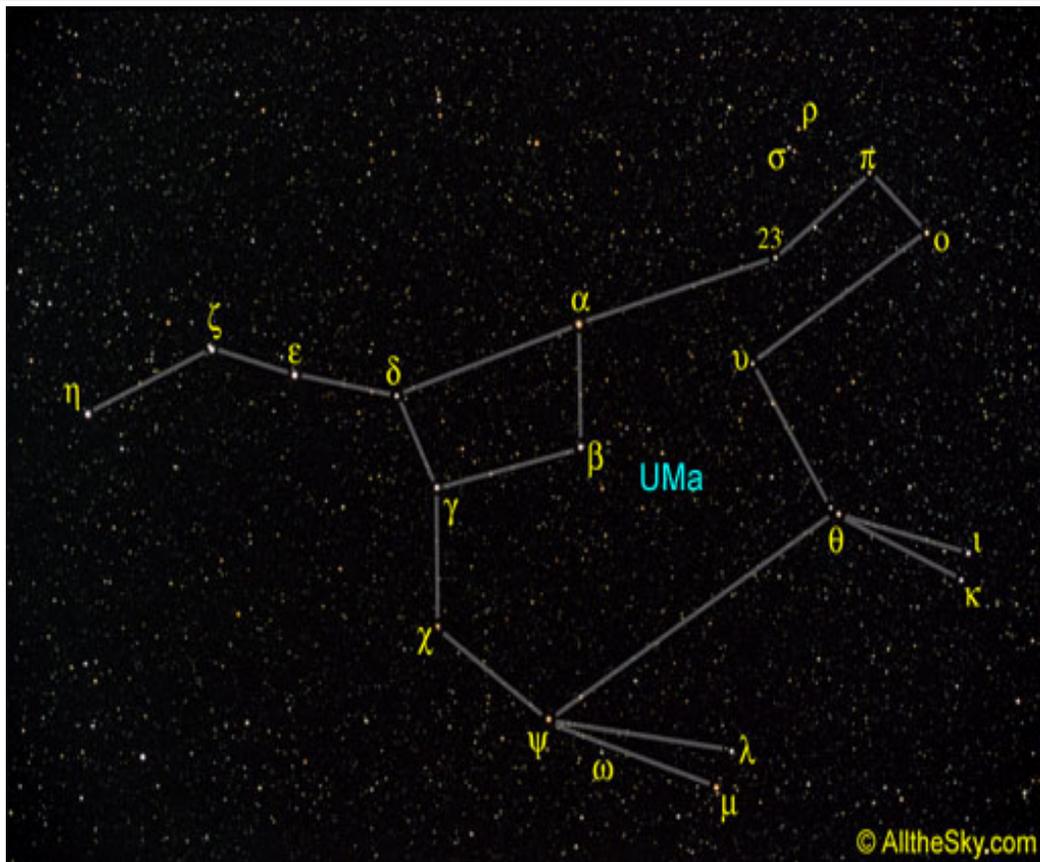
Screenshot from Stellarium

He looks as if he needs his porridge



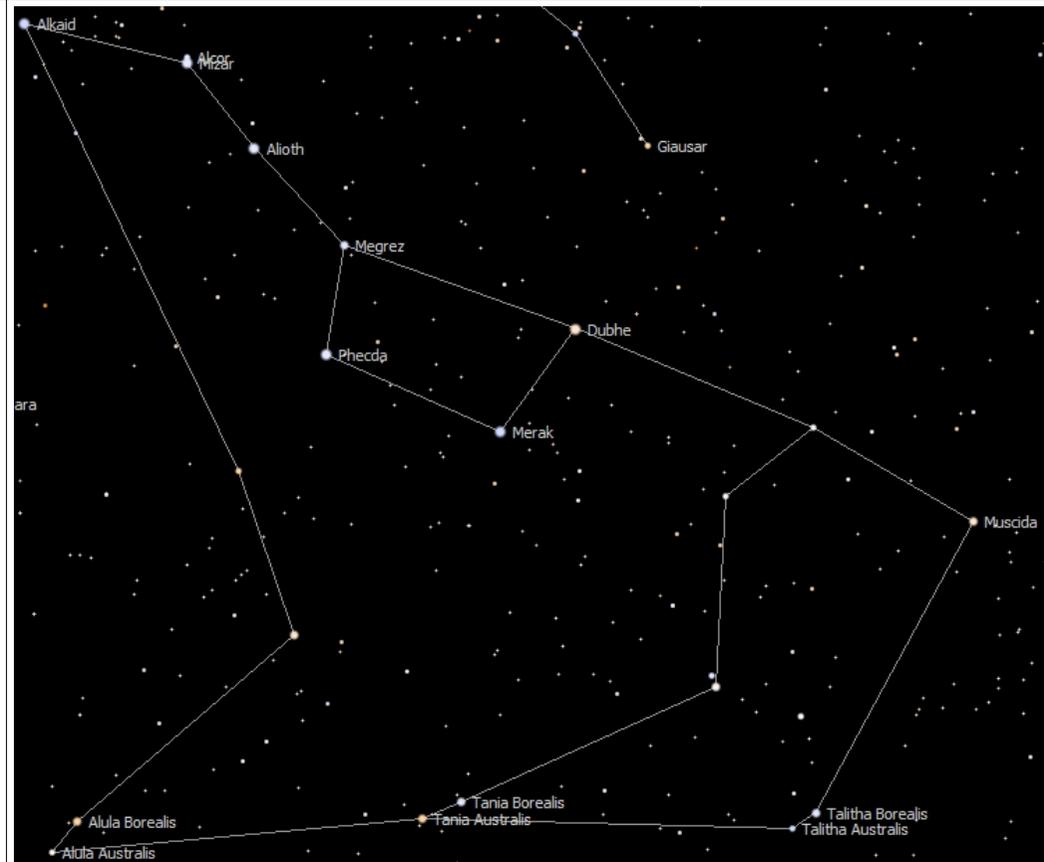
Screenshot from Redshift

He looks a bit better fed here but his legs are still rather skinny!



Picture from [www.allthesky.com](http://www.allthesky.com)

He's getting a bit fatter now. Perhaps he's had too much porridge? But his legs are still a bit skinny.

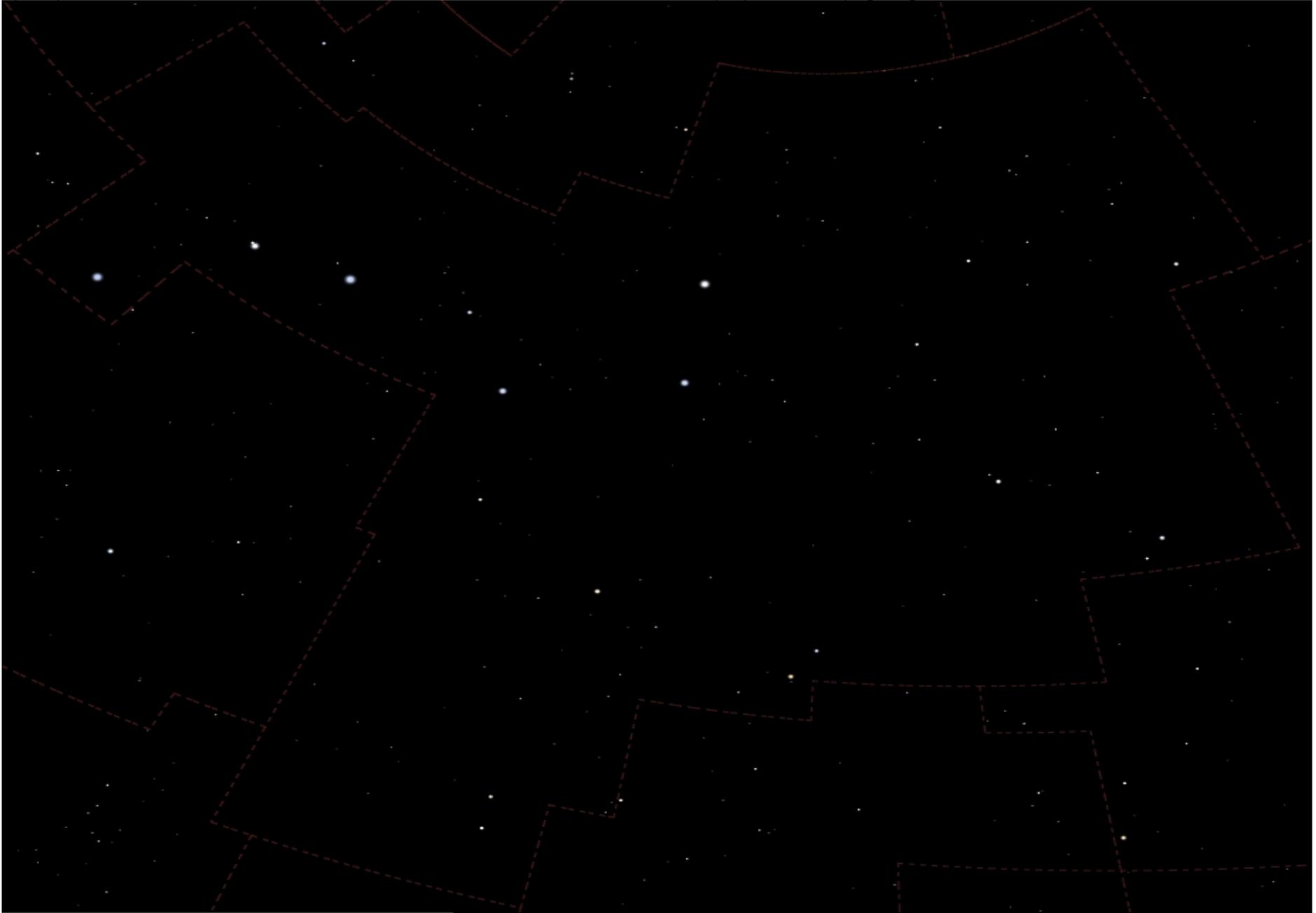


Screenshot from [CyberSky](http://CyberSky)

Much better fed now. But he's looking the other way! I also think he looks like a Polar Bear. That's fine as he actually goes around the Pole Star, but he has to walk backwards! (Do you know why?)

Now, look at the sky again. Can you see the Great Bear in the sky? Which one is easiest to see?

Now see if you can draw a better picture. The rule is that you must only join dots that lie within the constellation boundary (dotted line) though the lines themselves can cross the boundaries, and only with straight lines. It will work best if you choose stars which are bright as you will then be able to use your drawing when looking at the night sky. You will need a pen with silver, gold or other brightly coloured shiny ink and a ruler. Don't worry if you don't do it as well as you would like first time. You can always print the page again and start from scratch.



[Screenshot from Stellarium](#)