

This astronomical chart displays the constellation Cygnus, centered around the star Deneb (α Cygni). The chart includes a grid of right ascension (RA) and declination (Dec). The RA scale at the top and bottom ranges from 23h30m to 22h40m, and the Dec scale on the left ranges from 55°N to 65°N. The constellation's stars are represented by white dots of varying sizes, with labels for major stars like Deneb (α), Ruchbah (β), and others. A green line traces the path of comet NEOWISE, with dates (Jul, Aug, Sep, Oct, Nov) and numerical values (7, 14, 21, 28) indicating its position. A yellow rectangle highlights a region in the lower-left. NGC 7479 and NGC 7541 are also marked.

Magnitude scale: ·10.0 ·9.0 ·8.0 ·7.0 ●6.0 ●5.0 ●4.0 ●3.0

 Galaxy
  Bright nebula
  Open cluster
  Globular cluster
  Planetary nebula

Date	Mag	Phase
2002 Jul 1	9.5	95%
2002 Aug 1	8.8	97%
2002 Aug 15	8.5	98%
2002 Sep 1	8.1	99%
2002 Oct 1	8.2	99%
2002 Nov 1	8.8	96%