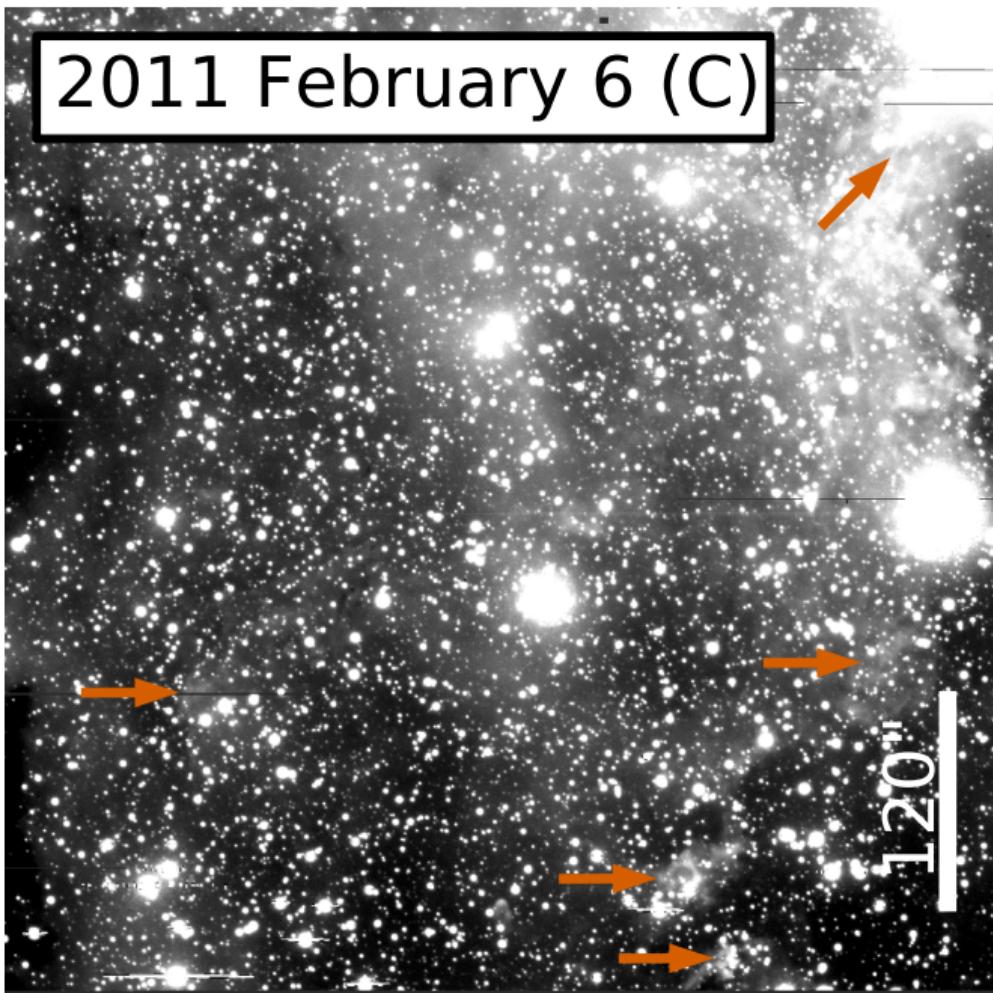


Digitate choices of a carinae

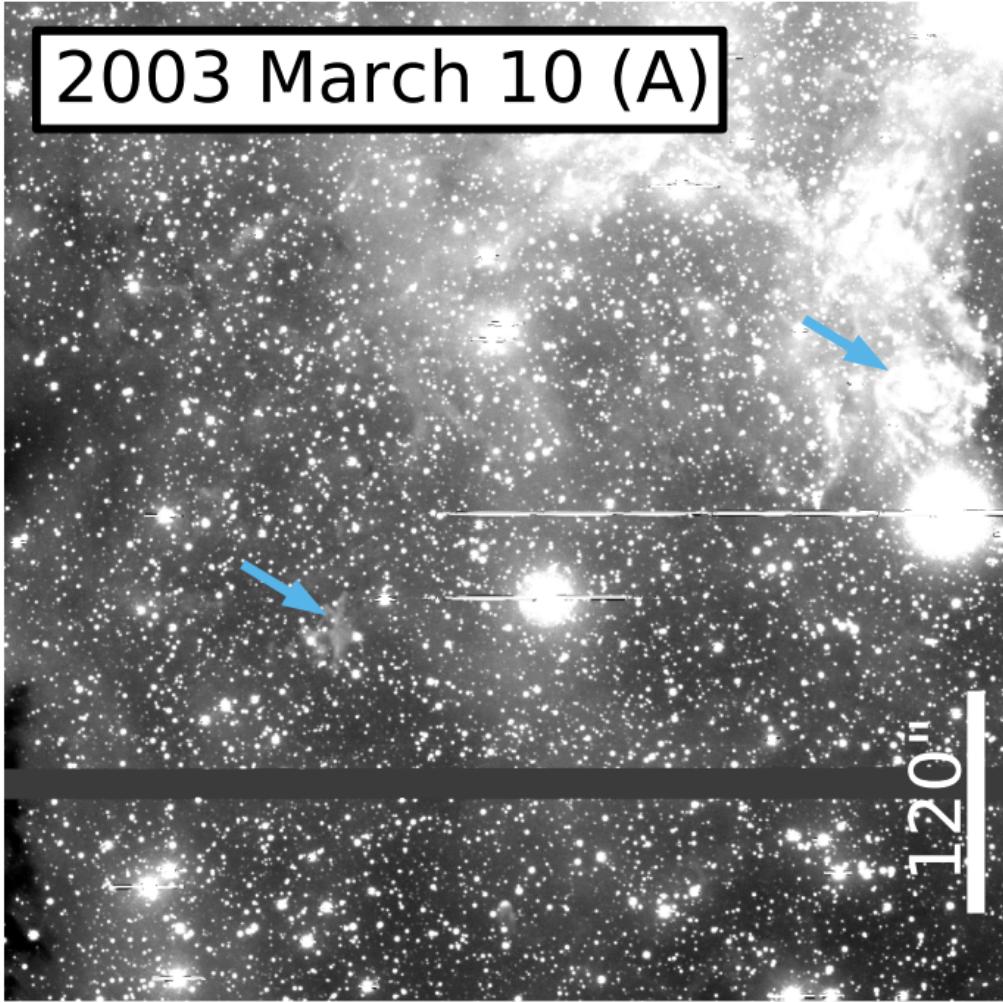
Good morning, I hope you're well. I'm writing to you today because I have some important news to share. I've been thinking a lot about my life lately, and I've come to the conclusion that it's time for me to make a change. I've decided to leave my current job and start my own business. I know it's a big decision, and I'm nervous about it, but I believe it's the right thing for me. I've been working hard at my job for years, and I've learned a lot, but I feel like I'm not fully utilizing my potential. I've always had a passion for [insert your passion here], and I've been默默努力 to develop my skills in that area. I've been saving up money and I'm finally ready to take the leap. I'm not sure what the future holds, but I'm excited to see where it takes me. I appreciate you taking the time to read this, and I hope you'll support me in my new venture. Thank you.

2011 February 6 (C)

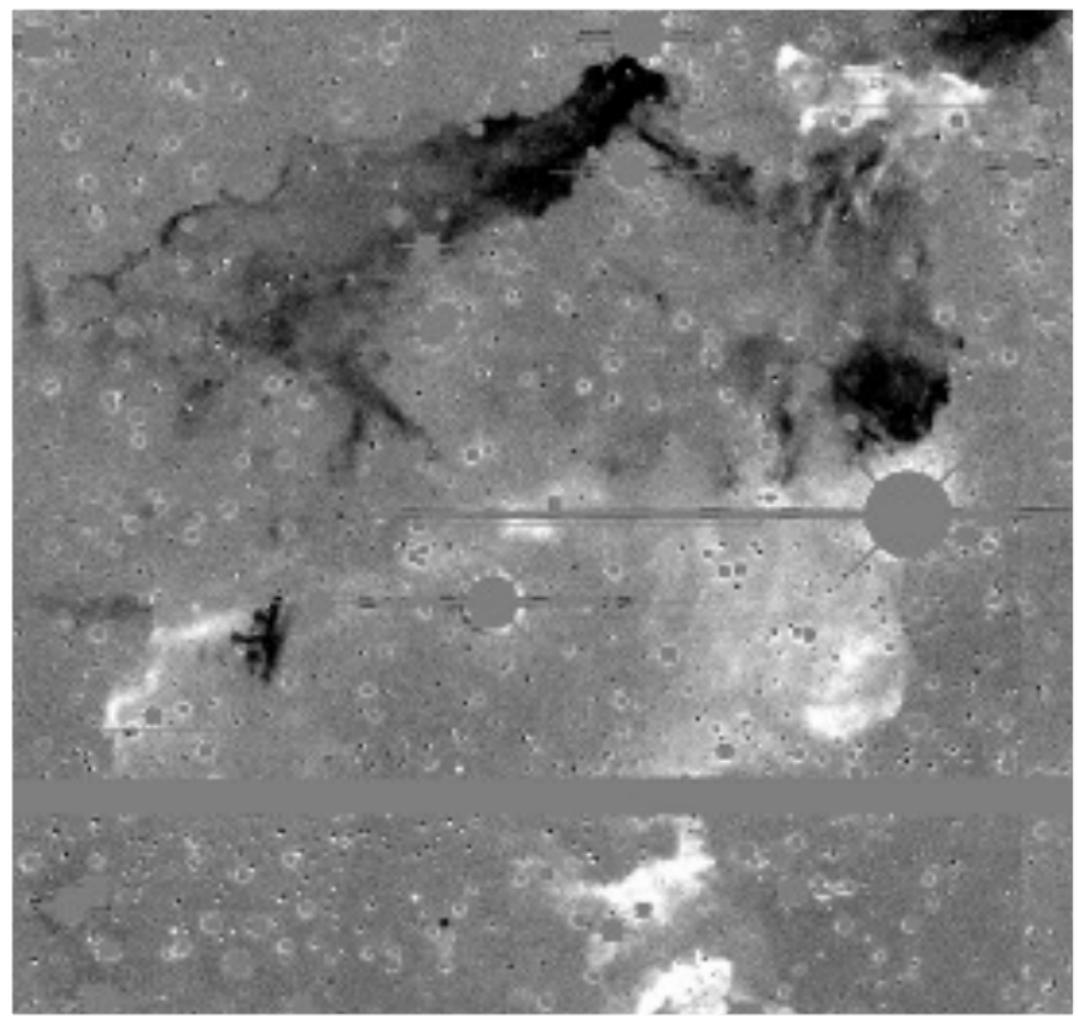


120"

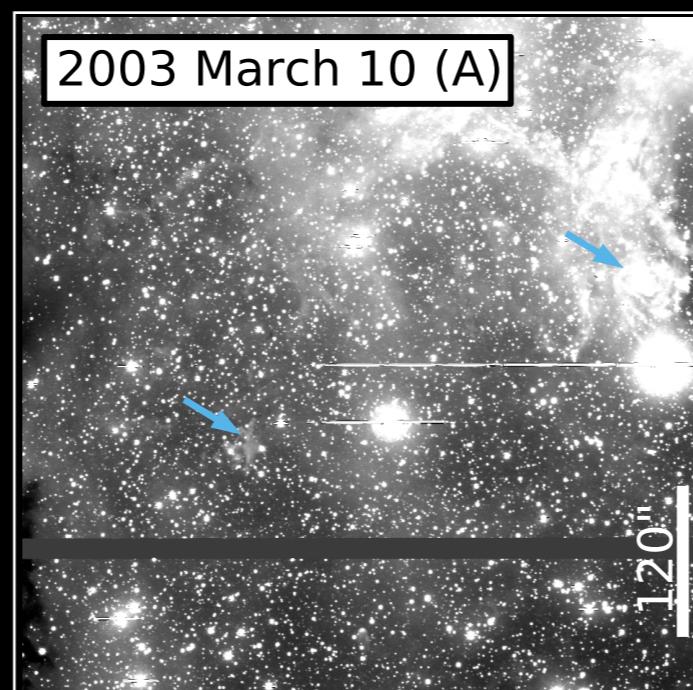
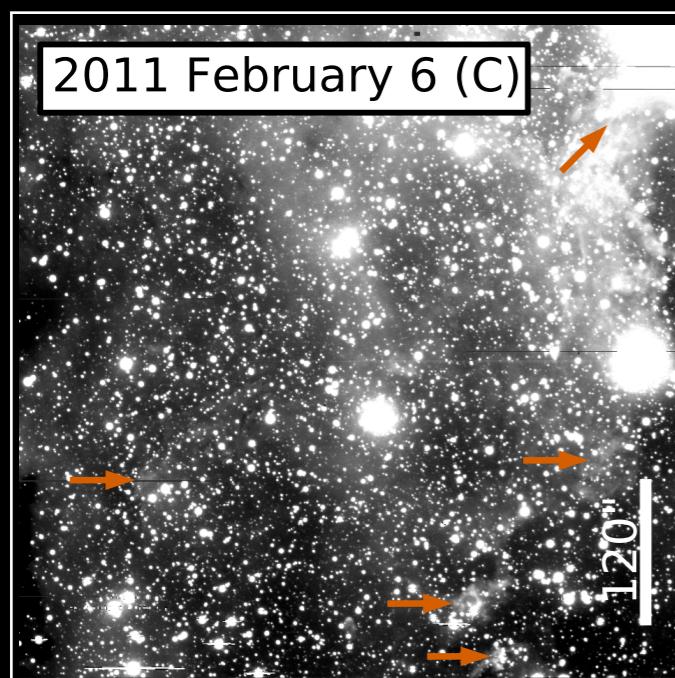
2003 March 10 (A)



What are the choices?

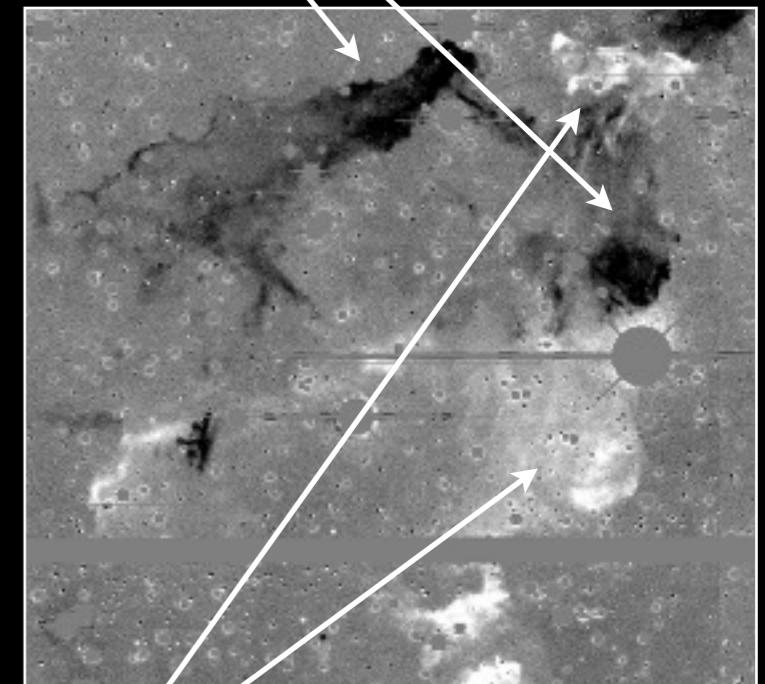


what are light echoes?



light echoes are detectable in “differenced” images.

old echoes

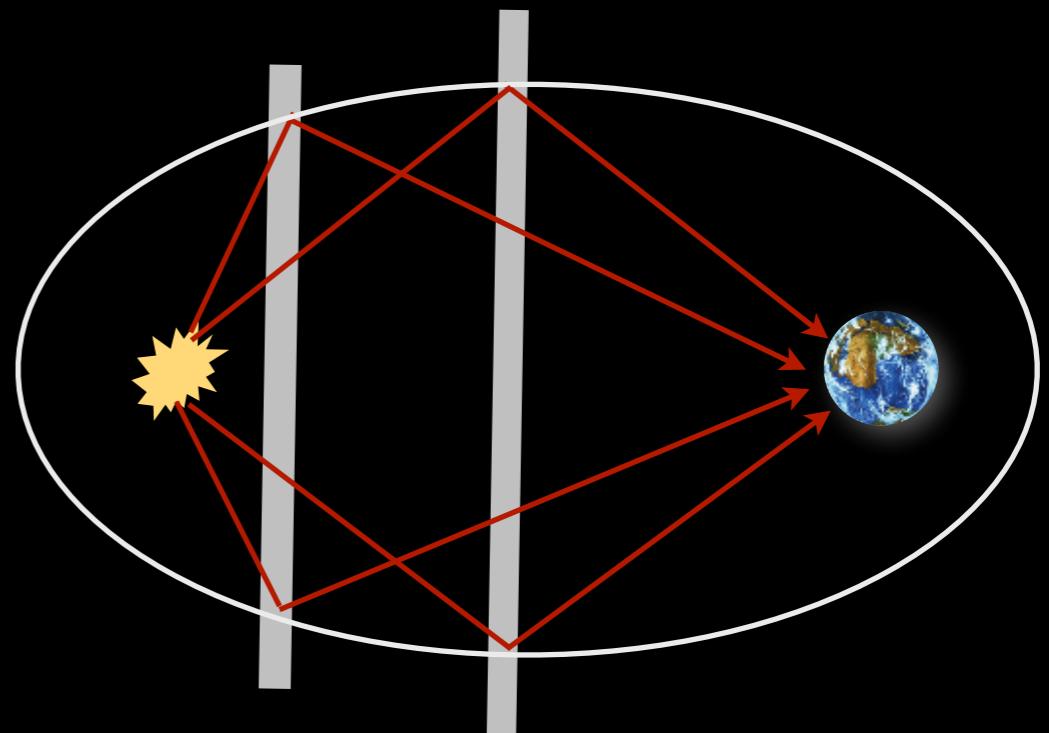


new echoes

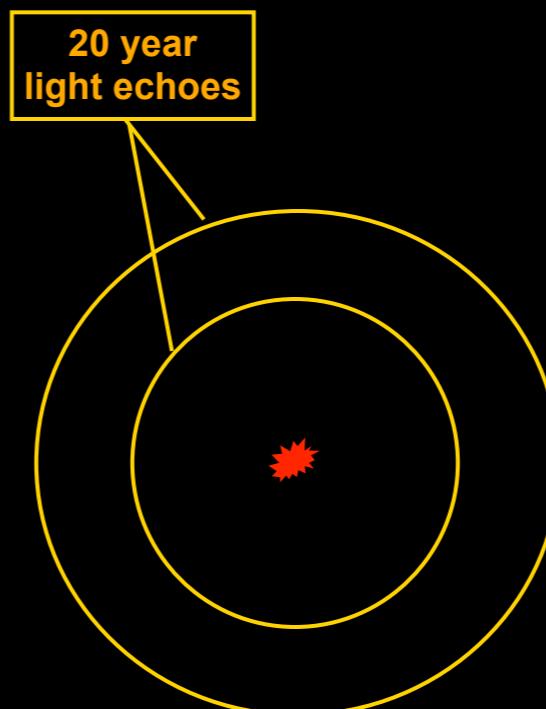
light echoes of η-Carinae

what are light echoes?

Light echoes of rapid bursts: SuperNovae



SN 1987A, difference image, 2003-2001



Xu, Crotts, & Kunkel (1995)

light echoes of η-Carinae