

Eeeeeee!



Soprano Martha Dinklaker wasn't the world's *greatest* singer, but there was one thing she could do that never failed to flabbergast her fans: shatter glass with her voice. The conditions for this musical parlor trick were actually pretty simple: take one singer with perfect pitch and a large lung capacity (i.e., Martha); add a crystal glass whose natural frequency of vibration is a high E (1318 Hz); then have her sing that pitch. *Forte!* The glass will resonate and, eventually, shatter. But it wasn't just glass that Martha's vocal pipes could obliterate, which, to her immense dismay, she found out one day while taking a break from ice skating on a pond of frozen toxic waste tailings in order to belt out a little ditty for some onlookers that featured one earsplittingly high E.