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Comet Linear

Linear comes from the outer reaches of the <u>solar system</u> -- a quarter of the distance to the nearest star. Analysis of its orbit suggests it has been plunging toward the sun for millions of years. Last September, the <u>LINEAR telescope</u> in New Mexico detected the comet out beyond the orbit of Jupiter. With its highly sensitive automated search system, the scope is designed to detect near-Earth asteroids and observe their behavior. Occasionally, it also picks up a comet.

Strange behavior

Comet Linear's behavior is very strange. As it moved closer to the sun, chunks of the comet started flying off. By then, many large telescopes were pointed at the object, including the Hubble Space Telescope.

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