

**On the cover:** After a picture-perfect landing on the Martian arctic plains, Phoenix is giving planetary scientists a taste of what lies beneath. See our report on page 22.

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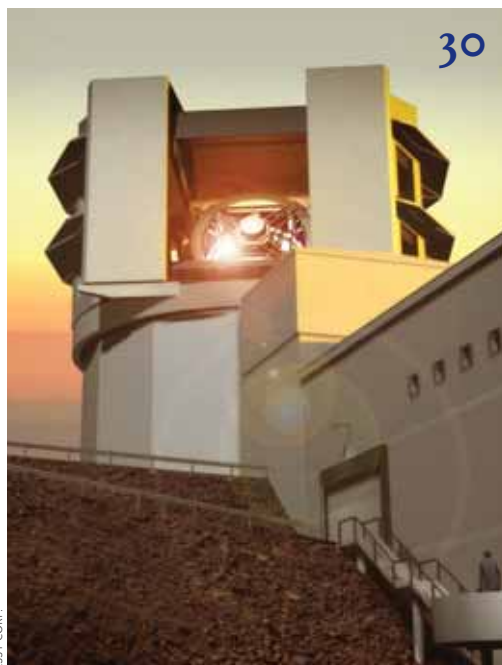
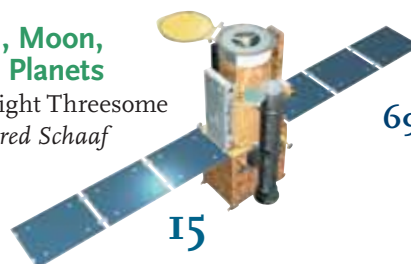
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