

Coma morphology and spin state of comet 103P/Hartley 2 from ground-based imaging

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Abstract

We observed NASA's EPOXI mission target, comet 103P/Hartley 2 for 20 nights between September and December, 2010, with the HB CN comet filter [1]. CN coma morphology revealed an excited nucleus with a changing rotation rate. The comet was also observed in the other HB gas and continuum filters, as well as in the broadband R filter. We will report and expand on our results just published in the *Astrophysical Journal Letters* [2].

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References

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