Accepted Manuscript

Global Albedos of Pluto and Charon from LORRI New Horizons Observations

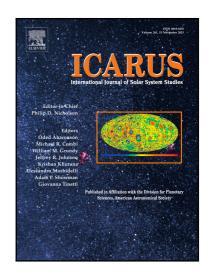
B.J. Buratti, J.D. Hofgartner, M.D. Hicks, H.A. Weaver, S.A. Stern, T. Momary, J.A. Mosher, R.A. Beyer, A.J. Verbiscer, A.M. Zangari, L.A. Young, C.M. Lisse, K. Singer, A. Cheng, W. Grundy, K. Ennico, C.B. Olkin

PII: S0019-1035(16)30730-8 DOI: 10.1016/j.icarus.2016.11.012

Reference: YICAR 12257

To appear in: Icarus

Received date: 10 March 2016 Revised date: 23 October 2016 Accepted date: 5 November 2016



Please cite this article as: B.J. Buratti, J.D. Hofgartner, M.D. Hicks, H.A. Weaver, S.A. Stern, T. Momary, J.A. Mosher, R.A. Beyer, A.J. Verbiscer, A.M. Zangari, L.A. Young, C.M. Lisse, K. Singer, A. Cheng, W. Grundy, K. Ennico, C.B. Olkin, Global Albedos of Pluto and Charon from LORRI New Horizons Observations, *Icarus* (2016), doi: 10.1016/j.icarus.2016.11.012

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Highlights

The reflectivity of Pluto's surface varies by over a factor of 10.

The highest albedo regions of Pluto approach normal reflectances of unity.

The albedo patterns on Pluto are well-correlated with its geology.

The temperature variations on Pluto are at least 20K.

The dwarf planet Eris is likely to have ongoing activity on its surface.

Download English Version:

https://daneshyari.com/en/article/5487368

Download Persian Version:

https://daneshyari.com/article/5487368

Daneshyari.com