

An Overview of PDS4 Archival File Formats. Anne. C. Rough¹ and John S. Hughes², ¹University of Maryland (Department of Astronomy, University of Maryland, College Park, MD 20742-2421), ²Jet Propulsion Laboratory (4800 Oak Grove Drive, Pasadena, CA 91011).

Introduction: The Planetary Data System (PDS) has released the fourth version of its archival data standards. This version is a complete, ground-up redesign based on over two decades of institutional experience archiving observations from spacecraft, landers, ground-based observatories, and labs. We present an overview of the PDS archival formats, their derivation, and the rationale behind the archival format constraints and requirements.