

## The Vera C. Rubin Observatory Data Preview 2

VERA C. RUBIN OBSERVATORY TEAM,<sup>1</sup> LEANNE P. GUY <sup>2</sup>, AND WILLIAM O’MULLANE <sup>2</sup>

<sup>1</sup>*Vera C. Rubin Observatory Project Office, 950 N. Cherry Ave., Tucson, AZ 85719, USA*

<sup>2</sup>*Vera C. Rubin Observatory, Avenida Juan Cisternas #1500, La Serena, Chile*

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### ABSTRACT

We present Rubin Data Preview 2 (DP2), the second data preview from the NSF-DOE Vera C. Rubin Observatory,

*Keywords:* Rubin Observatory - LSST

1. INTRODUCTION
2. COMMISSIONING WITH LSSTCAM
3. OVERVIEW OF THE CONTENTS OF RUBIN DP2
4. DATA RELEASE PROCESSING
5. PERFORMANCE CHARACTERIZATION AND KNOWN ISSUES
6. RUBIN SCIENCE PLATFORM
7. SUPPORT FOR COMMUNITY SCIENCE
8. SUMMARY AND FUTURE RELEASES

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*Facilities:* Rubin:Simonyi (LSSTComCam), Rubin:USDAC

*Software:* Rubin Data Butler (Jenness et al. 2022), LSST Science Pipelines (Rubin Observatory Science Pipelines Developers 2025), LSST Feature Based Scheduler v3.0 (Yoachim et al. 2024; Naghib et al. 2019) Astropy (Astropy Collaboration et al. 2013, 2018, 2022) PIFF (Jarvis et al. 2021), GBDES (Bernstein 2022), Qserv (Wang et al. 2011; Mueller et al. 2023), Slurm, HTCondor, CVMFS, FTS3, ESNNet

### APPENDIX

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