













## The Vera C. Rubin Observatory Data Preview 2

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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

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#### 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, ESNet

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## APPENDIX

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## Glossary

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61 **Association of Universities for Research in Astronomy:**

62 consortium of US institutions and international  
 63 affiliates that operates world-class astronomical  
 64 observatories, AURA is the legal entity respon-  
 65 sible for managing what it calls independent  
 66 operating Centers, including LSST, under respec-  
 67 tive cooperative agreements with the National  
 68 Science Foundation. AURA assumes fiducial

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responsibility for the funds provided through  
 those cooperative agreements. AURA also is the  
 legal owner of the AURA Observatory properties  
 in Chile.

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73 **AURA:** Association of Universities for Research in As-  
 74 tronomy.

75 **DP2:** Data Preview 2.

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