



















## 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,

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### 1. INTRODUCTION

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## 69 APPENDIX

### 70 Glossary

#### 71 **Association of Universities for Research in Astronomy:**

72 consortium of US institutions and international  
 73 affiliates that operates world-class astronomical  
 74 observatories, AURA is the legal entity respon-  
 75 sible for managing what it calls independent  
 76 operating Centers, including LSST, under respec-  
 77 tive cooperative agreements with the National  
 78 Science Foundation. AURA assumes fiducial

59 *Facilities:* Rubin:Simonyi (LSSTComCam), Ru-  
 60 bin:USDAC

61 *Software:* Rubin Data Butler (Jenness et al. 2022),  
 62 LSST Science Pipelines (Rubin Observatory Science  
 63 Pipelines Developers 2025), LSST Feature Based Sched-  
 64 uler v3.0 (Yoachim et al. 2024; Naghib et al. 2019) As-  
 65 trophy (Astropy Collaboration et al. 2013, 2018, 2022)  
 66 PIFF (Jarvis et al. 2021), GBDES (Bernstein 2022),  
 67 Qserv (Wang et al. 2011; Mueller et al. 2025), Slurm,  
 68 HTCondor, CVMFS, FTS3, ESNet

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

83 **AURA:** [Association of Universities for Research in As-](#)  
 84 [tronomy.](#)

85 **DP2:** Data Preview 2.

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