

Applying Coordinates to M29

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(Dated: October 10, 2017)

I. INTRODUCTION

Hall.

II. DATA ACQUISITION AND SETUP

Observations were made on at the Zaffarano Hall observation deck in Ames, Iowa (-93.64734° , 42.02996° , 342 m). The night was mostly clear and the ambient temperature was around 12°C . The moon was full that night which caused higher than usual lunar presence. Observations were made using a Meade 8" reflector telescope with an SBIG ST-402ME CCD camera with internal V, B, and I filters.

Setting up the telescope was the same as previous observations made with the 8" Meade telescope at Zaffarano

III. DATA ANALYSIS

IV. RESULTS

V. CONCLUSIONS

ACKNOWLEDGMENTS

Thank you to Dr. Charles Kerton and Brandon Marshall for their guidance and assistance in this work.

Appendix A: Observation Log

Table I. Observed 06 September 2017 by Miles Lucas and John Brandon

Time	File	N Frames	Object	Filter	Exposure	Camera Temp.	Notes
21:39	M39_2_V_13s_	5	M39 Objects T1, T2, T3, and T4; stars R1 and R2	V	13 s	5.33°C	
21:41	M39_2_V_13s_dark_	5	M39 Objects T1, T2, T3, and T4; stars R1 and R2	V	13 s	5.33°C	Dark frames
21:43	M39_2_B_13s_	5	M39 Objects T1, T2, T3, and T4; stars R1 and R2	B	13 s	5.33°C	

