

FLORIDA STATE UNIVERSITY
COLLEGE OF ARTS AND SCIENCES

USING THE MOIST STATIC ENERGY VARIANCE BUDGET TO EVALUATE TROPICAL
CYCLONES IN CLIMATE MODELS AGAINST REANALYSES AND SATELLITE OBSERVATIONS:
MODEL RESOLUTION, OCEAN COUPLING, AND CLOUD INTERACTIONS

By

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A Thesis submitted to the
Department of Earth, Ocean, and Atmospheric Science
in partial fulfillment of the
requirements for the degree of
Master of Science

2024

Jarrett Starr defended this thesis on March 21, 2024.

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