A View of Tropical Cyclones from Above: The Tropical C

Bulletin of the American Meteorological Society
98, 2113-2134
DOI: 10.1175/bams-d-16-0055.1

Citation Report

#	Article	IF	Citations
1	Hurricane Imaging Radiometer (HIRAD) Wind Speed Retrievals and Validation Using Dropsondes. Journal of Atmospheric and Oceanic Technology, 2017, 34, 1837-1851.	0.5	6
2	GSI-Based, Continuously Cycled, Dual-Resolution Hybrid Ensembleâ€“Variational Data Assimilation System for HWRF: System Description and Experiments with Edouard (2014). Monthly Weather Review, 2017, 145, 4877-4898.	0.5	42
3	Rewriting the Tropical Record Books: The Extraordinary Intensification of Hurricane Patricia (2015). Bulletin of the American Meteorological Society, 2017, 98, 2091-2112.	1.7	72
4	Dramatic Inner-Core Tropopause Variability during the Rapid Intensification of Hurricane Patricia (2015). Monthly Weather Review, 2018, 146, 119-134.	0.5	13
5	Environmental Factors and Internal Processes Contributing to the Interrupted Rapid Decay of Hurricane Joaquin (2015). Weather and Forecasting, 2018, 33, 1251-1262.	0.5	8
6	Demonstration with Special TCI-15 Datasets of Potential Impacts of New-Generation Satellite Atmospheric Motion Vectors on Navy Regional and Global Models. Weather and Forecasting, 2018, 33, 1617-1637.	0.5	8
7	100 Years of Progress in Tropical Cyclone Research. Meteorological Monographs, 2018, 59, 15.1-15.68.	5.0	126
8	On the Extraordinary Intensification of Hurricane Patricia (2015). Part I: Numerical Experiments. Weather and Forecasting, 2018, 33, 1205-1224.	0.5	16
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10	On the Dynamics of Tropical Cyclone and Trough Interactions. Journals of the Atmospheric Sciences, 2018, 75, 2687-2709.	0.6	25
11	GHOST: A Satellite Mission Concept for Persistent Monitoring of Stratospheric Gravity Waves Induced by Severe Storms. Bulletin of the American Meteorological Society, 2018, 99, 1813-1828.	1.7	6
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13	The Unexpected Rapid Intensification of Tropical Cyclones in Moderate Vertical Wind Shear. Part III: Outflowâ€“Environment Interaction. Monthly Weather Review, 2019, 147, 2919-2940.	0.5	34
14	A Three-Dimensional Trajectory Model with Advection Correction for Tropical Cyclones: Algorithm Description and Tests for Accuracy. Monthly Weather Review, 2019, 147, 3145-3167.	0.5	3
15	Practical Uncertainties in the Limited Predictability of the Record-Breaking Intensification of Hurricane Patricia (2015). Monthly Weather Review, 2019, 147, 3535-3556.	0.5	20
16	Observational Study on the Characteristics of the Boundary Layer during Changes in the Intensity of Tropical Cyclones Landing in Guangdong, China. Advances in Meteorology, 2019, 2019, 1-14.	0.6	5
17	Tropopause Evolution in a Rapidly Intensifying Tropical Cyclone: A Static Stability Budget Analysis in an Idealized Axisymmetric Framework. Journals of the Atmospheric Sciences, 2019, 76, 209-229.	0.6	14
18	Examination of the Expendable Digital Dropsondeâ€“Derived Vertical Velocities from the Tropical Cyclone Intensity (TCI) Experiment. Monthly Weather Review, 2019, 147, 2367-2386.	0.5	4

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19	Seasonal Cycles of Along-Track Tropical Cyclone Maximum Intensity. Monthly Weather Review, 2019, 147, 2417-2432.	0.5	12
20	Numerical Simulation of Rapid Weakening of Hurricane Joaquin with Assimilation of High-Definition Sounding System Dropsondes during the Tropical Cyclone Intensity Experiment: Comparison of Three- and Four-Dimensional Ensembleâ€"Variational Data Assimilation. Weather and Forecasting, 2019, 34, 521-538.	0.5	11
21	Understanding the Unusual Looping Track of Hurricane Joaquin (2015) and Its Forecast Errors. Monthly Weather Review, 2019, 147, 2231-2259.	0.5	8
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28	Polar Winds: Airborne Doppler Wind Lidar Missions in the Arctic for Atmospheric Observations and Numerical Model Comparisons. Atmosphere, 2020, 11, 1141.	1.0	3
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36	Impact of Increasing Horizontal and Vertical Resolution during the HWRF Hybrid EnVar Data Assimilation on the Analysis and Prediction of Hurricane Patricia (2015). Monthly Weather Review, 2021, 149, 419-441.	0.5	16

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37	Track Dependence of Tropical Cyclone Intensity Forecast Errors in the COAMPS-TC Model. Weather and Forecasting, 2021, 36, 469-485.	0.5	9
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47	Improving Hurricane Analyses and Predictions with TCI, IFEX Field Campaign Observations, and CIMSS AMVs Using the Advanced Hybrid Data Assimilation System for HWRF. Part II: Observation Impacts on the Analysis and Prediction of Patricia (2015). Monthly Weather Review, 2020, 148, 1407-1430.	0.5	13
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58	Exploring the link between ozone pollution and stratospheric intrusion under the influence of tropical cyclone Ampil. Science of the Total Environment, 2022, 828, 154261.	3.9	0
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