Record Nr. UNINA9910827656803321 Atmospheric science (AS) and ocean science (OS) // [editors], Chun-**Titolo** Chieh Wu, Jianping Gan Pubbl/distr/stampa Singapore;; Hackensack, NJ,: World Scientific, c2012 **ISBN** 1-283-85079-6 981-4405-68-X Edizione [1st ed.] Descrizione fisica 1 online resource (109 p.) Advances in geosciences; ; vol. 28 Collana Altri autori (Persone) WuChun-Chieh GanJianping Disciplina 550 Soggetti Atmospheric physics Marine sciences Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references. Nota di contenuto Editors; Reviewers; Preface; Preface to AS Volume; Preface to OS Volume; CONTENTS; Forecast Skill and Computational Cost of the Correlation Models in 3DVAR Data Assimilation M. Yaremchuk, M. Carrier, H. Ngodock, S. Smith and I. Shulman; 1. Introduction; 2. Covariance Modeling in MS; 2.1. MS and DS approaches in 3dVar; 2.2. The Gaussian and spline BEC models; 3. Numerical Experiments Setup; 3.1. Numerical model and observations; 3.2. Assimilation system; 4. Results; 4.1. Comparison of the forecast skills; 4.2. Comparison of the CPU times: 5. Conclusions: Acknowledgments: References Real-Time Tropical Cyclone Prediction Using COAMPS-TC J. D. Doyle, Y. Jin, R. M. Hodur, S. Chen, H. Jin, J. Moskaitis, A. Reinecke, P. Black, J. Cummings, E. Hendricks, T. Holt, C.-S. Liou, M. Peng, C. Reynolds, K. Sashegyi, J. Schmidt and S. Wang1. Introduction; 2. COAMPS-TC Description; 3. Real-time Tropical Cyclone Forecasts; 3.1. COAMPS-TC atmospheric model forecasts; 3.2. COAMPS-TC ensemble forecasts; 3.3. Coupled COAMPS-TC forecasts; 4. Summary; Acknowledgments; References Factors Controlling the Spatial Distribution of Stable Isotopes in Precipitation over Kumamoto, Japan Masahiro Tanoue, Kimpei Ichiyanagi, Jun Shimada and Naoki Kabeya1. Introduction; 2. Study Site

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## Sommario/riassunto

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