

DAFTAR PUSTAKA

- Aldrian, E. dan Susanto, R. D., 2003, Identification of Three Dominant Rainfall Regions within Indonesia and Their Relationship to Sea Surface Temperature, *International Journal of Climatology*, Vol. 23, hal. 1435 - 1452.
- Aldrian, E., 2008, *Meteorologi Laut Indonesia*, Badan Meteorologi dan Geofisika, Jakarta.
- Awaka, J., T. Iguchi, H. Kumagai and K. Okamoto ,1997, Rain Type Classification Algorithm for TRMM Precipitation Radar, *Proceedings of the IEEE 1997 International Geoscience and Remote Sensing Symposium, 3-8 Agustus*, Singapore, hal. 1636 - 1638.
- Awaka, J., T. Iguchi, and K. Okamoto, TRMM PR Standard Algorithm 2A23 and its Performance on Bright Band Detection, *Journal of the Meteorological Society of Japan*, 87A, 31-57, 2009.
- Braham, R. R., 1968, Meteorological Bases for Precipitation Development. *Bull. American Meteorological Society*, Vol. 49, 343 - 353.
- Chao, W.C. dan B. Chen, 2001, The Origin of Monsoons, *Journal Atmospheric Science*, Vol. 58, hal. 3497 - 3507.
- Geerts, B., dan T. Dejene, 2005, Regional and Diurnal Variability of the Vertical Structure of Precipitation Systems in Africa Based on Spaceborne Radar Data, *Journal of Climate*, Vol. 18 hal. 893 - 916.
- Hermawan, E., 2010, Analisis Struktur Vertikal MJO Terkait dengan Aktivitas Super Cloud Clusters (SCC) di Kawasan Barat Indonesia, *Jurnal Sains Dirgantara*, Vol. 8, No. 1, hal. 25 - 42.
- Hirose, M. dan K. Nakamura, 2002, Spatial and Seasonal Variation of rain Profile Over Asia Observed by Spaceborne Precipitation Radar, *Journal of Climate*, Vol. 15, 3443 -3458.
- Hirose, M. dan K. Nakamura, 2004, Spatiotemporal Variation of the Vertical Gradient of Rainfall Rate Observed by the TRMM Precipitation Radar, *Journal of Climate*, Vol. 17, hal. 3378 - 3397.
- Houze, R. A. Jr., 2004, Mesoscale Convective Systems, *Reviews of Geophysics*, Vol. 42.
- Houze, R. A., Jr., 1993, *Cloud Dynamics*. Academic Press, hal. 573.
- Iguchi, T., T. Kozu, R. Meneghini, J. Awaka dan K. Okamoto, 2000, Rain-Profilling Alogoritm for the TRMM Precipitation Radar, *Journal of Applied Meteorology*, Vol. 39, hal. 2038 - 2052.
- Johnson, R.H., T.M. Rickenbach, S.A. Rutledge, TP.E. Ciesielski dan W.H. Schubert, 1999: Trimodal Characteristics of Tropical convection. *Journal of Climate*, Vol. 12, 2397 - 2418.

- Kummerow, C., W. Barnes, T. Kozu, J. Shiue dan J. Simpson, 1998, The Tropical Rainfall Measuring Mission (TRMM) Sensor Package, *Journal of Atmosphere Oceanic Technology*, Vol. 15, hal. 809 - 817.
- Liu, C. dan E. J. Zipser, 2005, Global Distribution of Convection Penetrating the Tropical Tropopause, *Journal of Geophysical Research: Atmospheres*, Vol. 110.
- Liu, G. dan Y. Fu, 2001, The Characteristic of Tropical Precipitation Profiles As Inferred From Satellite Radar Measurements, *Journal of the Meteorological Society of Japan*, Vol. 79, No. 1, hal. 131 - 143.
- Madden, R. A. and P. R. Julian, 1971, Detection of a 40 – 50 Days Oscillation in the Zonal Wind in the Tropical Pasific, *Journal of The Atmospheric Sciences*, Vol. 28, hal. 702 - 708.
- Mapes, B. E., dan R. A. Houze Jr., 1993, An Intregated View of the 1987 Australian Monsoon and its Mesoscale Convective Systems. Part II: Vertical Structure, *Quarterly Journal of the Royal Meteorological Society*, Vol. 119, hal. 733 - 754.
- Marzuki, M., Kozu, T., Shimomai, T., Randeu, W.L., Hashiguchi, H., Dan Shibagaki, Y., 2009, Diurnal Variation of Rain Attenuation Obtained from Measurement of Raindrop Size Distribution in Equatorial Indonesia, *IEEE Transaction on Antennas and Propagation*, Vol. 57, No. 4, hal 1191 – 1196.
- Marzuki, Hashiguchi, H., Yamamoto, M.K., Yamamoto, M., Mori, S., Yamanaka, M.D., Carbone, R.E., Tuttle, J.D., 2013, Cloud episode propagation over the Indonesian Maritime Continent from 10 years of infrared brightness temperature observations, *Atmospheric Research*, Vol. 120-121, hal. 268-28.
- Marzuki, Hashiguchi, H., Kozu, T., Shimomai, T., Shibagaki, Y. dan Takahashi, Y., 2016, Precipitation Microstructure in Different Madden-Julian Oscillation Phases Over Sumatra, *Atmospheric Research*, Vol. 168, hal. 121 - 138.
- Meneghini, R., T. Iguchi, T. Kozu, L. Liao, K. Okamoto, J. A. Jones and J. Kwiatkowski, 2000, Use of the Surface Reference Technique for Path Attenuation Estimates from the TRMM Precipitation Radar, *Journal of Applied Meteorology*, Vol. 39, hal. 2053 - 2070.
- Mori, S., Hamada, J., Yudi, I.T., Manabu, D.Y., Noriko, O., Fumie, M., Namiko, S., Hiroyuki, H., dan Tiem, S., 2004, Diurnal Land-Sea Rainfall Peak Migration over Sumatera Island, Indonesia Maritime Continent, Observed by TRMM Satellite and intensive Rawindsonde Soundings, *Monthly Weather Review*, Vol. 132, 2021 - 2039.
- Nakazawa, T., 1988, Tropical Super Cluster within Interseasonal Variations Over the Westrn Pasific, *Journal of the Meteorological Society of Japan*, Vol. 66, hal. 823 - 839.
- Okamoto, K. 2001. *Global Enviroment Remote Sensing*. IOS Japan.

- Philander, S. G., 1990, *EL Nino, La Nina, and the Southern Oscilation* Vol. 48, Academic Press, Sandiego CA, 289.
- Rahayu, I., 2016, Struktur Vertikal Distribusi Butiran Hujan di Kototabang Berdasarkan Pengamatan Micro Rain Radar (MRR), *Skripsi*, Jurusan Fisika, Universitas Andalas, Padang.
- Rickenbach, T. M., and S. A. Rutledge , 1998, Convection in TOGA COARE: Horizontal Scale, Morphology, and Rainfall Production. *Journal Atmospheric Science*, Vol. 55, hal. 2715 - 2729.
- Rogers, R. and M. Yau, 1989, *A Short Course in Cloud Physics, 3rd Edition*, Butterworth-Heinemann, Woburn, MA., hal. 229.
- Rosenfeld, D. dan Ulbrich, C.W., 2003, Cloud Microphysical Properties, Processes, and Rainfall Estimation Opportunities, *Meteorological Monographs*, Vol. 52, hal. 237 - 258.
- Saikranthi, K., T. N. Rao, B. Radhakrishna dan S. V. B. Rao, 2014, Morphology of the Vertical Struktur Of Precipitation Over India and Adjoining Oceans Based on Long-Term Measurements of TRMM PR, *Journal of Geophysical Research: Atmospheres*, Vol. 119, hal. 8433 - 8449.
- Schumacher, C. and R. A. Houze, Jr., 2003, Stratiform Rain in the Tropics as Seen by the TRMM Precipitation Radar. *Journal of Climate*, Vol. 16, hal. 1739 - 1756.
- Schumacher, C. and R. A. Houze, Jr., 2006, Stratiform Precipitation Production Over Sub-Saharan Africa and Tropical East Altantic as Observed by TRMM, *Quarterly Journal of the Royal Meteorological Society*, Vol. 61, hal. 1341-1358.
- Syafira, S. A., M. D. Syaifulah, F. Renggono, 2016, Karakteristik Hujan dan Awan – Awan Pengahail Curah Hujan Harian Tinggi di Wilayah Dramaga, Bogor Berdasarkan Data Micro Rain Radar (MRR), *Jurnal Sains dan Teknologi Modifikasi Cuaca*, Vol. 17, No. 1, hal. 25 - 33.
- Wang, H., Y. Luo dan B. J. Jou 2014, Initiation, Maintenance, and Properties of Convection in an Extreme Rainfall Event during SCMREX: Observational Analysis, *Journal of Geophysical Research: Atmospheres*, Vol. 119, 13206 - 13232.
- Wheeler, M.C., Hendon, H.H., 2004. An All-Season Real-Time Multivariate MJO Index: Development of an Index for Monitoring and Prediction. *Monthly Weather Review*, Vol. 132, hal. 1917 - 1932.
- Williams, C.R., W. L. Ecklund dan K. S. Gage, 1995, Classification of Precipitating Clouds in the Tropics Using 915-MHz Wind Profilers, *Journal of Atmosphere Oceanic Technology*, Vol. 12, hal. 996 - 1012.
- Yuter, S. E., dan R. A. Houze Jr., 1995, Three-Dimensional Kinematic and Microphysical Evolution of Florida Cumulonimbus. Part II : Frequency Distributions of Vertical Velocity, Reflectivity, and Differential Reflectivity, *Monthly Weather Review*, Vol. 123, hal. 1941 - 1963.

Zipser, E. J. dan K. R. Lutz, 1994, The Vertical Profile of Radar Refelctivity of Convective cells: A Strong Indicator of Storm Intesity and Lightining Probability?, *Monthly Weather Review*, Vol. 122, 1751-1759.

Characteristics of mesoscale convective systems over the east part of continental China during the Meiyu period from 2001 to 2003, <http://www.rain.hyarc.nagoya-u.ac.jp/study/2006/2006en.html>, diakses Februari 2017.

http://www.coa.edu/stodd/oceanweb/oceanography/Oceanlectures02/Lecture5/sld_015.htm, diakses Februari 2017.

http://www.coa.edu/stodd/oceanweb/oceanography/Oceanlectures02/Lecture5/sld_015.htm, diakses Februari 2017.

<https://www.climate.gov/newsfeatures/blogs/enso/what-mjo-and-why-do-we-care>, diakses Februari 2017.

NOAA (National Oceanic and Atmospheric Administration), 2013, El nino theme, http://www.pmel.noaa.gov/toa/elnino/nino_normal.html, diakses Februari 2017.

NOAA (National Oceanic and Atmospheric Administration), 2013, ENSO theme, www.esrl.noaa.gov/psd/enso/mei.html, diakses Februari 2017.

