DAFTAR PUSTAKA

Airbus. (2015). *Wind shear: an invisible enemy to pilots?*. Blagnac Cedex, Prancis: Airbus S.A.S.

Airbus. (2023). *A Statistical Analysis of Commercial Aviation Accidents 1958 - 2022*. Blagnac Cedex, Prancis: Airbus S.A.S.

AirNav Indonesia. (2023). *Informasi Meteorologi Dalam Navigasi Penerbangan*. Metbang Talk ke-11 Pada 13 April 2023. Tangerang, Indonesia: AirNav Indonesia.

Ananda, R. & Muhammad, F. (2018). *Statistik Pendidikan*. Medan, Indonesia: CV. Widya Puspita.

Arkan, F., & Demson, N. (2017). Radiosonde Transmitter Meisei iMS-100 Study as Observation on Air at Meteorology Station Klas I Depati Amir Pangkalpinang. *Journal of Electrical Technology UMY (JET-UMY)*, 1(2).

Air Weather Service. (1990). *The Use of The Skew T, Log P Diagram in Analysis and Forecasting*. Illinois, AS: Air Weather Service.

Badan Pusat Statistik RI. (2022). *Statistik Transportasi Udara 2021*. Jakarta, Indonesia: BPS-Statistics Indonesia.

Blanchard, D. O. (1998). Assessing the Vertical Distribution of Convective AvailablePotential Energy. *Weather Forecasting*, 13, 870 – 877.

Budiwanto, S. (2014). *Metode Statistika untuk Analisis Data Bidang Keolahragaan*. Malang Indonesia: Universitas Negeri Malang.

Budiwanto, S. (2017). *Metode Statistika untuk Mengolah Data Bidang Keolahragaan*. Malang Indonesia: Universitas Negeri Malang.

Bureau of Meteorology. (2014). *Hazardous Weather Phenomena: Wind Shear*. Canberra, Australia: Aeronautical Information Package Australia.

Boyd, K. (2011). Atmospheric Thermodynamic Stability Indices. Muncie, AS: Department of Geography Ball State University.

Carlson, H. C. & Sundararaman, N. (1982). Real-Time Jetstream Tracking: National Benefit from an ST Radar Network for Measuring Atmospheric Motions. *Bulletin of the American Meteorological Society*, 63(9), 1019-1027.

Devara, P. C. S., dkk. (2015). First results of compact coherent Doppler wind lidar and its validationat IITM, Pune, India. *Meteorological Applications*, 22, 156-164.

Devi, K. S. (2019). *Lecture Notes on Physical Meteorology For Integrated Meteorological Training Course*. Pune, India: India Meteorological Department Meteorological Training Institute.

Direktorat Jenderal Perhubungan Udara. (2019). Runway 3 Soekarno-Hatta (Soetta) Tingkatkan Kapasitas Pergerakan Pesawat 30%. *Kementerian Perhubungan RI*. Diakses pada tanggal 17 Oktober 2023 dari https://dephub.go.id/post/read/runway-3-soekarno-hatta-(soetta)-tingkatkan-kapasitas-pergerakan-pesawat-30#

Djenal, D. P., dkk. (2019). Penerapan *Internet of Things* Sebagai Strategi Optimalisasi Pengamatan Udara Atas Menggunakan *Ground Rasond Equipment*. *Seminar Nasional Teknik Elektro*, pp. 9-15.

Doswell, C. A., III, and E. N. Rasmussen. (1994). The Effect of Neglecting the Virtual Temperature Correction on CAPE Calculations. *Weather and Forecasting*, 9(4), 625–629.

Doswell, C.A. (2001). *Severe Convective Storms - an overview.Severe Convective Storms Monograph*, No. 50, American Meteorology Society, 1-26.

Eosonde Research Services. (2022). *User Guide & Technical Manual Version 7.0*. Florida, AS: Eosonde Research Services, LLC.

Ferdiansyah, A. (2012). *Potensi Parameter Keluaran RAOB (Rawinsonde Observation Programs) Sebagai Indikator Kunci dalam Analisis Curah Hujan*. Bogor, Indonesia: Institut Pertanian Bogor.

Flory, D. (2023). Decoding Upper-Air Data, Plotting Soundings. *Meteorology 311 - Introduction to Synoptic Meteorology*. Ames, AS: Iowa State University.

Foss, F. & Hinkelman, J. W. (1984). *Denver ARTCC (Air Route Traffic Control Center) Evaluation of PROFS (Program for Regional Observing and Forecasting Services) Mesoscale Weather Products*. Washington, DC: National Oceanic and Atmospheric Administration.

FSF ALAR. (2009). FSF ALAR Briefing Note 5.4 - Wind Shear. *Report of the FSF Runway Safety Initiative*. Alexandria, US: Flight Safety Foundation.

Hardy, K. R. (1976). Wind Shear and Clear Air Turbulence. *Journal of Air Law and Commerce*, 42(1), 165-183.

Hidayat, M., dkk. (2021). *Buletin Met Aero Vol. 4 No. 11*. Tangerang, Indonesia: Stasiun Meteorologi Kelas I Soekarno-Hatta.

Hocking, W.K. (1983). On the extraction of atmospheric turbulence parameters from radar backscatter Doppler spectra, Part I: Theory. *J. Atmos. Terr. Phys*. 45, 89–102.

ICAO. (2005). *Manual on Low-level Wind Shear*. Montreal, Canada: International Civil Aviation Organization.

ICAO. (2007). *Air Trafic Management - Doc 444 ATM/501: Fifteenth Edition*. Montreal, Canada: International Civil Aviation Organization.

Indonesia-ICAO. (2017). Kecelakaan Fatal dan Korban Meninggal Pada Fase Penerbangan Dari Semua Jenis Pesawat Jet Komersial Periode 2007-2016.

Indonesia-ICAO.org. Diakses pada tanggal 04 Juni 2024 dari https://indonesia-icao.org/stasum17.pdf

Johnson, D. L. (1982). *A Stability Analysis of AVE-IV Severe Weather Soundings*. Washington, US: NASA.

Kementerian Perhubungan RI. (2023). *Statistik Perhubungan Data Operasional Tahun 2022*. Jakarta, Indonesia: Kementerian Perhubungan RI.

Kepala Badan Meteorologi, Klimatologi, dan Geofisika. (2015). *Peraturan Kepala Badan Meteorologi, Klimatologi, dan Geofisika Nomor 3 Tahun 2015 tentang Tata Cara Tetap Pelaksanaan Pembuatan, Penyampaian, Penyebaran, Pembatalan, dan Pengakhiran Wind Shear Warning dan Aerodrome Warning di Lingkungan Badan Meteorologi, Klimatologi, dan Geofisika*. Jakarta, Indonesia: Badan Meteorologi, Klimatologi, dan Geofisika.

Latri. (2022). *Mengenal Statistika*. Gowa, Indonesia: AGMA.

Mahendra, M. N. P. A., dkk. (2019). *Mengenal Sejarah Singkat dan Cara Kerja Wind Profiler Radar LAP®3000*. Denpasar, Indonesia: Stasiun Meteorologi Kelas I Ngurah Rai.

Meisei Electric Co., LTD. (2023). *iMS-100 GPS Radiosonde*. Tokyo, Japan: Meisei Electric Co., LTD.

Met Office. (2011). Fact sheet No. 13 – Upper Air Observations and The Tephigram. *National Meteorological Library and Archive*. Devon, United Kingdom: Met Office.

Muzaki, N. H., dkk. (2021). Analisis Kondisi Atmosfer Saat Kejadian Hujan Lebat dan Angin Kencang di Probolinggo Berdasarkan Citra Satelit dan Citra Radar. *Jurnal Ilmu dan Inovasi Fisika*, 5(2), 142-156.

NIOS[1]. (2020). *Atmosphere Composition and Structure*. Noida, India: NIOS.

NIOS[2]. (2020). *Correlation Analysis*. Noida, India: NIOS.

PT Angkasa Pura II. (2018). PT Angkasa Pura II (Persero) Transformasikan Manajemen Operasi Bandara Internasional Soekarno-Hatta. *Angkasa Pura II*. Diakses pada tanggal 17 Oktober 2023 dari https://www.angkasapura2.co.id/id/news/event/pers/279-pt-angkasa-pura-ii-persero-transformasikan-manajemen-operasi-bandara-internasional-soekarno-hatta

PT Angkasa Pura II. (2020). PT Angkasa Pura II (Persero) Keselamatan, Keamanan dan Efisiensi Meningkat, Runway 3 Optimal Layani Penerbangan di Bandara Soekarno-Hatta. *Angkasa Pura II*. Diakses pada tanggal 17 Oktober 2023 dari https://www.angkasapura2.co.id/id/news/event/pers/404-keselamatan-keamanan-dan-efisiensi-meningkat-runway-3-optimal-layani-penerbangan-di-bandara-soekarno-hatta

Purnomo, R. A. (2016). *Analisis Statistik Ekonomi dan Bisnis Dengan SPSS*. Ponorogo, Indonesia: CV. WADE GROUP.

Salby, M. L. (1996). *Fundamentals of Atmospheric Physics*. San Diego, California, USA: Academic Press.

Scintec. (2019). *AWAIRE® Aviation*; *LAP® Series Radar Wind Profilers*; *RASS for Radar Wind Profilers*. Retrieved 14:24, November 20, 2023, from https://www.scintec.com/

Showalter, A. K. (1953). *A Stability Index for Thunderstorm Forecasting*, Bulletin of the- American Meteorological Society, 34, 250-252, June.

Simanungkalit, C. W. (2018). Pengamatan Meteorologi Menggunakan Radiosonde. *e-Buletin Stasiun Meteorologi Kualanamu "METEONET-MAGZ" Edisi September 2018*. Deli Serdang, Indonesia: Stasiun Meteorologi Kualanamu.

Stull, R. (2017). *Practical Meteorology: An Algebra-based Survey of Atmospheric Science*. Vancouver, Canada: Dept. of Earth, Ocean, & Atmospheric Sciences Univ. of British Columbia.

Sugiyono. (2007). *Statistika Untuk Penelitian*. Bandung, Indonesia: CV. ALFABETA.

Supriyadi, G. (2021). Statistik Penelitian Pendidikan. Yogyakarta, Indonesia: UNY Press.

Sutrisnohadi. (1983). *Analisis Regresi, Cetakan 1*. Yogyakarta, Indonesia: Yayasan Penerbitan Fakultas Psikologi Universitas Gajah Mada.

Thomas, J. R. & Nelson, J. K. (1990). *Research Methods in Physical Activity, 2nd edition*. Illinois, AS: Human Kinetics Books Publishers, Inc.

USAF. (1969). *Use of the Skew-T, Log P Diagram in Analysis and Forecasting AWSM 105-124*. Scott Air Force Base, Illinois: United States Air Force, Air Weather Service, Headquarters Air Weather Service (MAC), July (reprint October 1971).

VAISALA. (2007). *Vaisala Lower Troposphere Wind Profiler LAP®-3000*. Helsinki, Finlandia: VAISALA.

Wang, J. (2023). *Radiosonde: Basics, Research and Development*. Montana, AS: Montana State University.

Yasa, dkk. (2023). Correlation Of Atmospheric Lability Index to Vertical Wind Shear at I Gusti Ngurah Rai Airport. *Indonesian Physical Review*, 6(1), 124-131.