

DAFTAR PUSTAKA

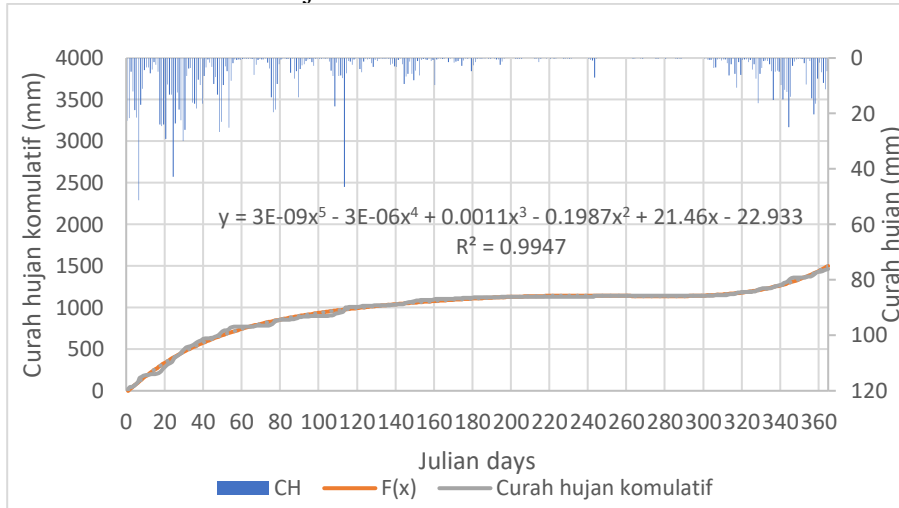
- Amaluddin, Basri, H. dan Sugianto. (2014). Analisis Perubahan Tipe Iklim dan Dampaknya terhadap Produksi Padi Sawah di Kabupaten Aceh Besar. Universitas Islam Negeri Ar-Ranyri Darrusalam Banda Aceh: Aceh. 467–471.
- Anie, J., S., & Brema, J. (2018). Rainfall Trend analysis by *Mann-Kendall* test for Vamanapuram river basin, Kerala. *International Journal of Civil Engineering and Technology*, 9(13), 1549–1556.
- BMKG. (2014). *Prakraan Msim Hujan 2014/2015 di Indonesia*. 133.
- Chinchorkar, S.S., Sayyad, F.G., Vaidya, V.B., & Pandye, V. (2015). *Trend detection in annual maximum temperature and precipitation using the Mann Kendall test – A case study to assess climate change on Anand of central Gujarat*. *Mausam*, 66(1). Department of Earth and Environmental Science.
- Da Silva, R. M., Santos, C. A. G., Moreira, M., Corte-Real, J., Silva, V. C. L., & Medeiros, I. C. (2015). Rainfall and river flow Trends using Mann–Kendall and Sen’s slope estimator statistical tests in the Cobres River basin. *Natural Hazards*, 77(2), 1205–1221. <https://doi.org/10.1007/s11069-015-1644-7>
- Dayantolis W, Ripaldi A, S. (2016). *Penentuan Normal Musim Di Indonesia*. BMKG: Jakarta.
- Diniardi, E., Susanto, B., & Indarto, I. (2011). *Analisis Kecenderungan Data Hujan di Jawa Timur menggunakan Metode Mann-Kendal & Rank-Sum Test*. *Jurnal Keteknik Pertanian*, 25(1), 137846.
- Güçlü, Y. S. (2018). Multiple Şen-innovative Trend analyses and partial *Mann-Kendall* test. *Journal of Hydrology*, 566(September), 685–704. <https://doi.org/10.1016/j.jhydrol.2018.09.034>
- Hu, Y., Yue, S., & Wang, C. Y. (2016). Water Tower of the Yellow River in a Changing Climate: Toward an integrated assessment. *Water Resources Management*, 13(3), 245–259.
- Hussain, F., Nabi, G., & Waseem, B.M. (2015). Rainfall Trend analysis by using the *Mann-Kendall test* & Sen’s slope estimates: a case study of District Chakwal Rain Gauge, Barani Area, Northern Punjab Province, Pakistan. *Science International (Lahore)*, 27(January), 2–9.
- Irsyad, F., Satyanto, K.S., & Bud, I.S. (2014). *Determination of Dry Season Onset and Duration Using Polynomial Function*. 28(1), 40–46.
- Kendall, M.G., 1975. Rank Correlation Methods. Griffin, London.

- Lamchin, M., Lee, W. K., Jeon, S. W., Wang, S. W., Lim, C. H., Song, C., & Sung, M. (2019). Corrigendum to “*Mann-Kendall Monotonic Trend Test and Correlation Analysis using Spatio-temporal Dataset: the case of Asia using vegetation greenness and climate factors*” (*MethodsX* (2018) 5 (803–807), (S2215016118301134), (10.1016/j.mex.2018.07.006)). *MethodsX*, 6, 1379–1383. <https://doi.org/10.1016/j.mex.2019.05.030>
- Mann, H. B. (1945). Non-Parametric Test Against Trend. *Econometrica*, 13(3), 245–259.
http://www.economist.com/node/18330371?story%7B_%7Ddid=18330371
- Miftahuddin. (2016). Analisis Unsur-unsur Cuaca dan Iklim Melalui Uji. *Jurnal Matematika, Statistika & Komputasi*, 13(1), 26–38.
- Mondal, A., Kundu, S., & Mukhopadhyay, A. (2012). Case Study 70 Rainfall Trend Analysis by *Mann-Kendall Test: A Case Study of North-Eastern Part of Cuttack District, Orissa*. *Online) An Online International Journal Available At*, 2(1), 70–78.
- Novotny, E. V., & Stefan, H. G. (2007). *Stream flow in Minnesota : Indicator of climate change*. *Jurnal Of Hydrology*. 319–333.
<https://doi.org/10.1016/j.jhydrol.2006.10.011>
- Pratama, R. (2019). Efek rumah kaca terhadap Bumi, Tanaman, dan Atmosfer. *Efek Rumah Kaca (Green House Effect)*, 3814(Green House Effect), 120–126.
- Prawaka, F., Zakaria, A., & Tugiono, S. (2016). *Analisis Data Curah Hujan yang Hilang Dengan Menggunakan Metode Normal Ratio , Inversed Square Distance , dan Rata-Rata Aljabar (Studi Kasus Curah Hujan Beberapa Stasiun Hujan Daerah Bandar Lampung)*. 4(3), 397–406.
- Thakur, S., Ismail, M., Somnath, B., Subhanil, N., Ghosh, PB., Das, P. & De, TK. (2020). Shoreline Changes and its Impact on the Mangrove Ecosystems of some Islands of Indian Sundarbans, North- East coast of India. S0959-6526(20)34808-3 DOI:
<https://doi.org/10.1016/j.jclepro.2020.124764>
- WMO. (2007). *THE ROLE OF CLIMATOLOGICAL NORMALS IN A CHANGING CLIMATE* Edited by: Omar Baddour and Hama Kontongomde. 61.
- WMO. (2017). *Indicators of Climate Change: outcome of a meeting held at WMO 3 February 2017*. February, 29. Geneva: Switzerland.
- Wu, J., Wu, Z. yong, Lin, H. juan, Ji, H. ping, & Liu, M. (2020). Hydrological response to climate change and human activities: A case study of Taihu Basin, China. *Water Science and Engineering*, 13(2), 83–94.
<https://doi.org/10.1016/j.wse.2020.06.006>

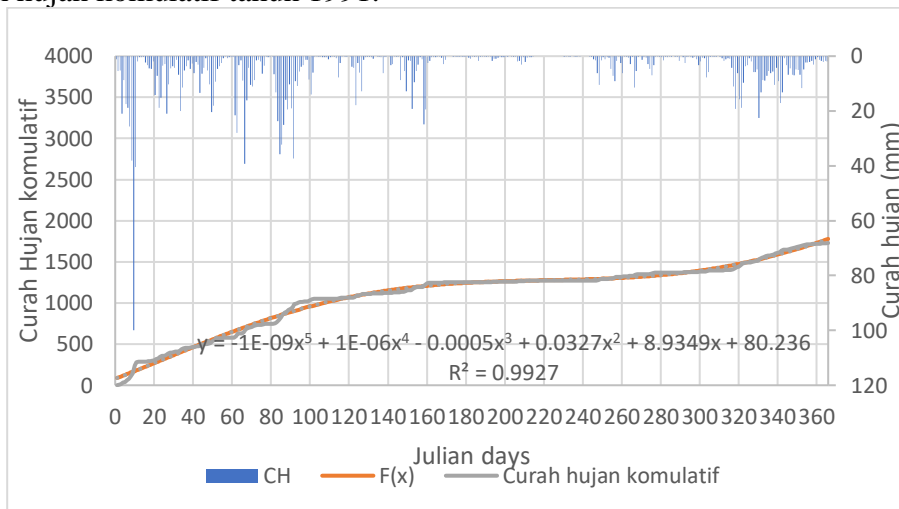
Yue, S., Paul, P., & George, C. (2002). Power of the Mann±Kendall and Spearman's rho tests for detecting monotonic Trends in hydrological series. *Journal of Hydrology*, 259, 254±271.

LAMPIRAN

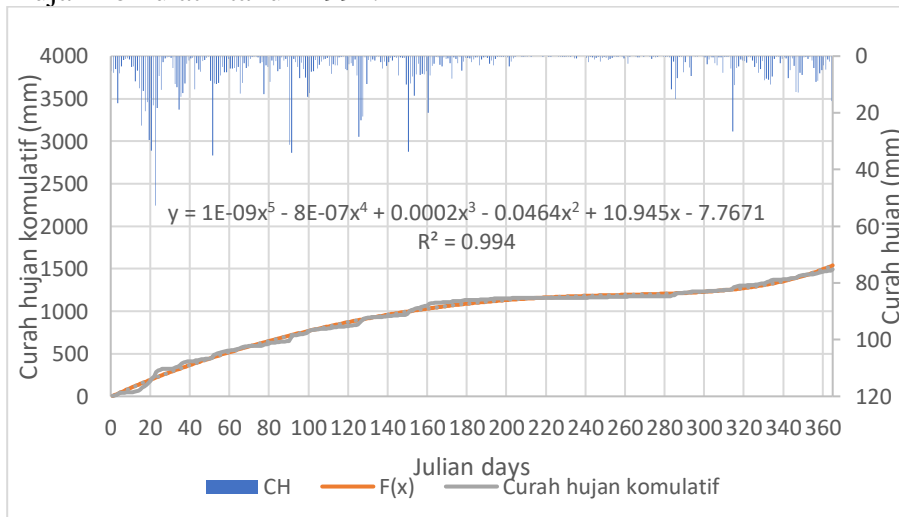
Lampiran 1. Grafik Curah hujan



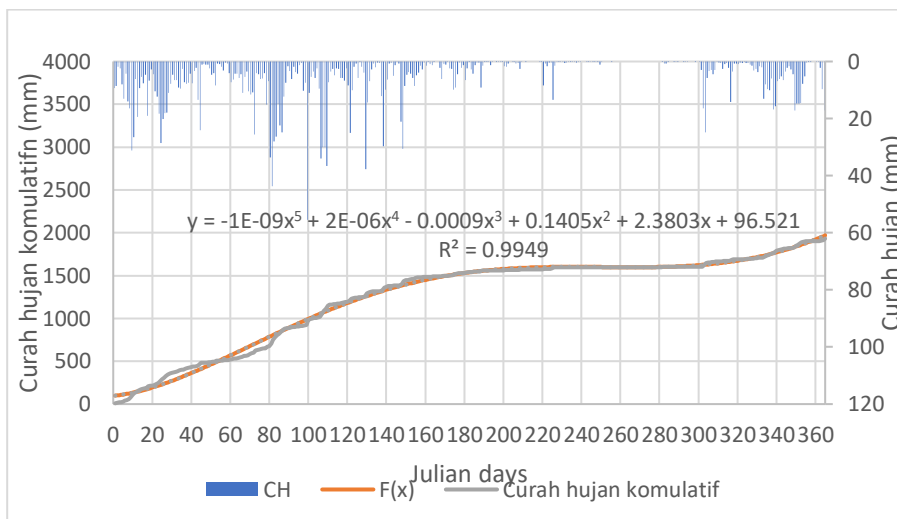
Curah hujan komulatif tahun 1991.



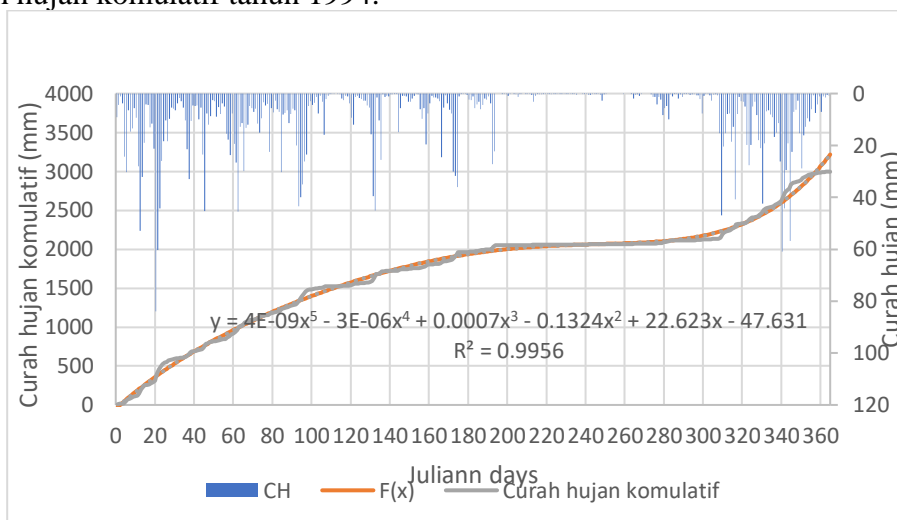
Curah hujan komulatif tahun 1992.



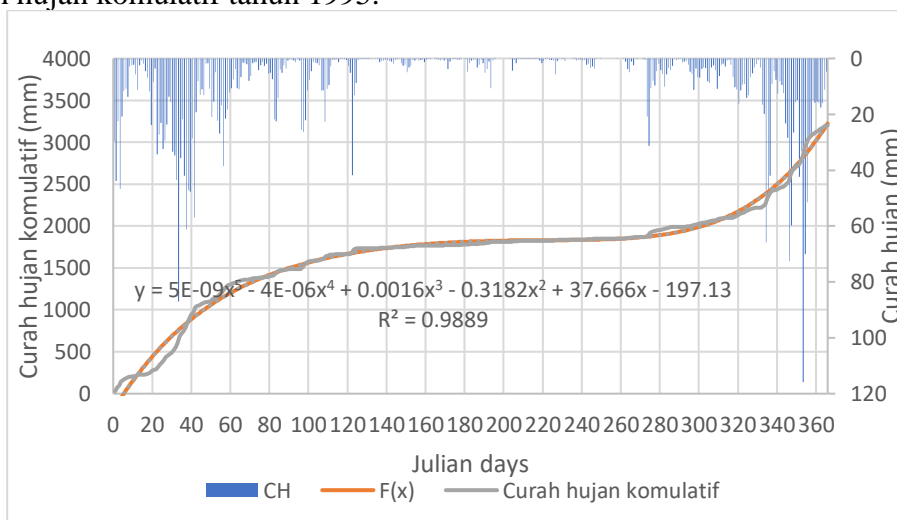
Curah hujan komulatif tahun 1993.



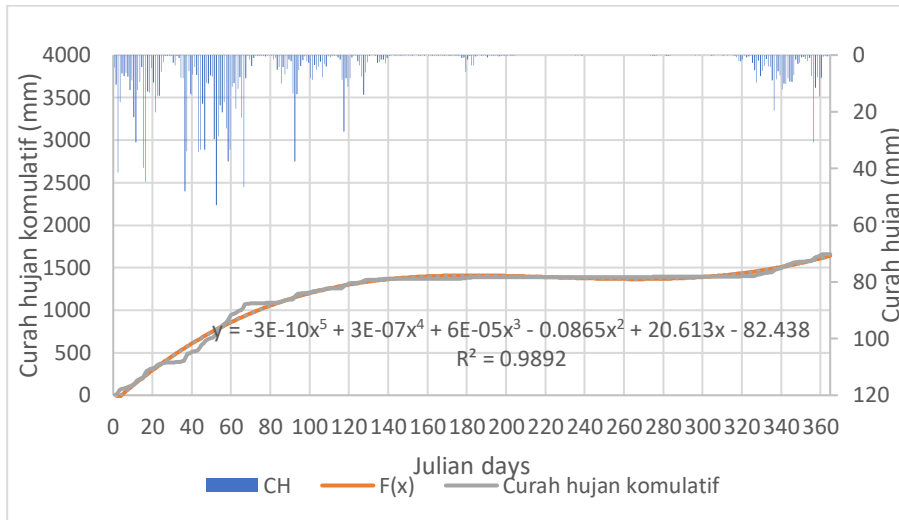
Curah hujan komulatif tahun 1994.



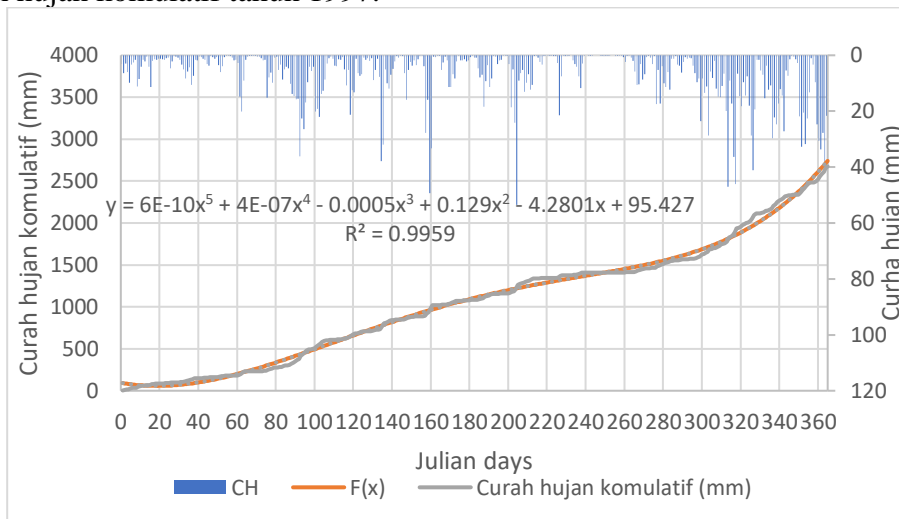
Curah hujan komulatif tahun 1995.



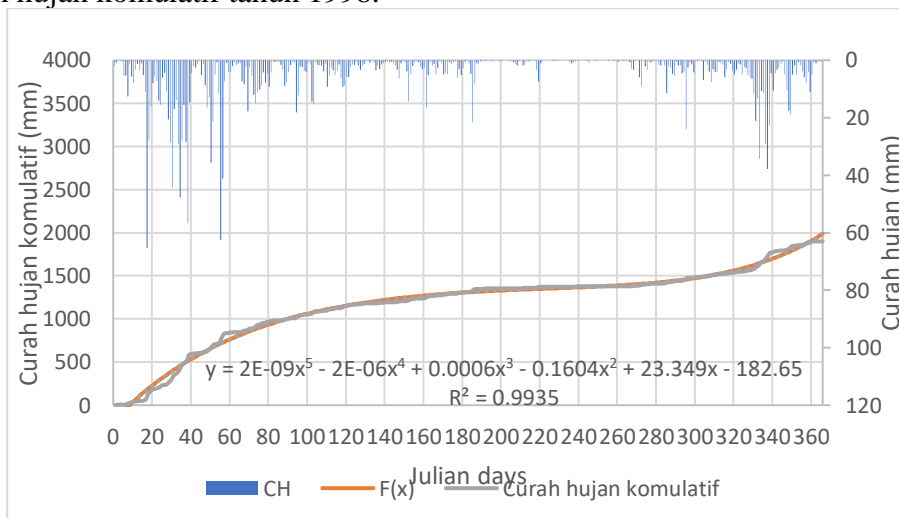
Curah hujan komulatif tahun 1996.



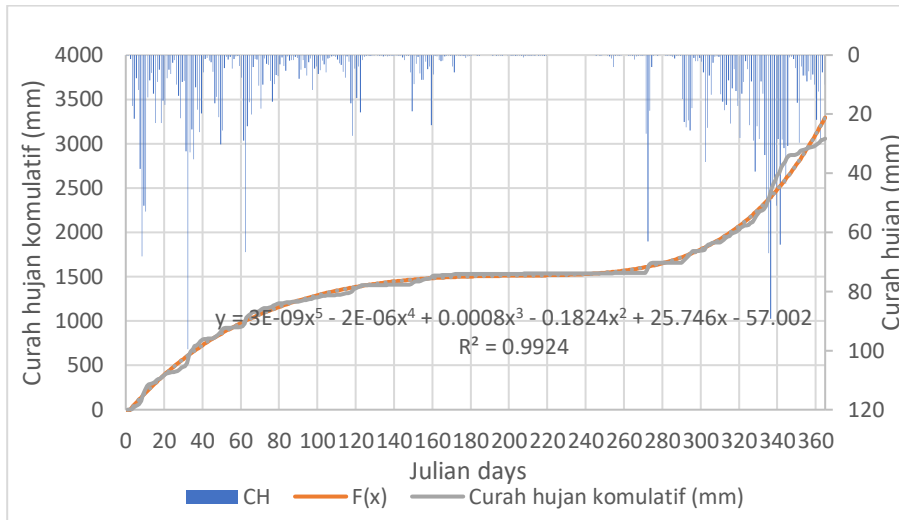
Curah hujan komulatif tahun 1997.



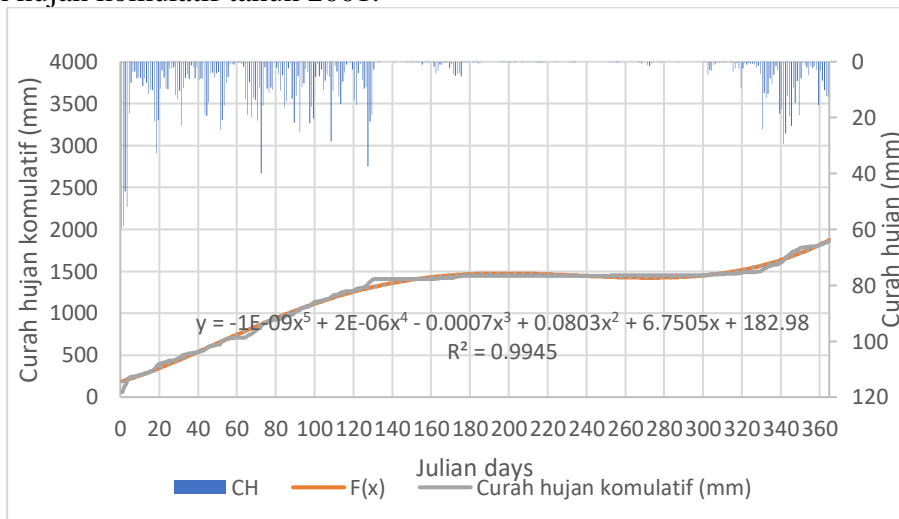
Curah hujan komulatif tahun 1998.



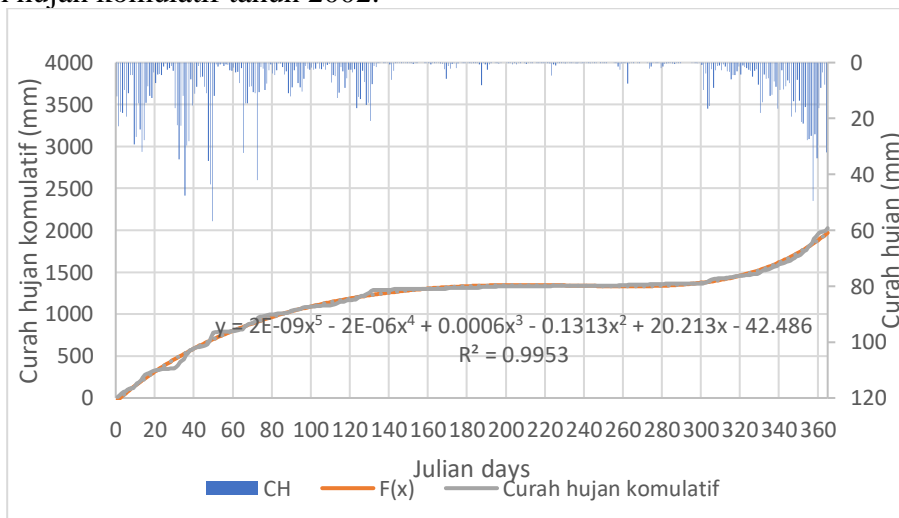
Curah hujan komulatif tahun 2000.



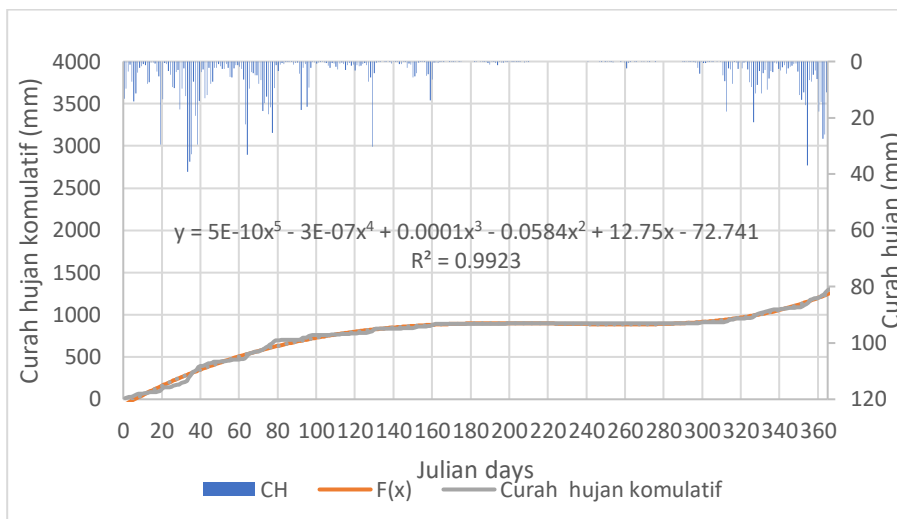
Curah hujan komulatif tahun 2001.



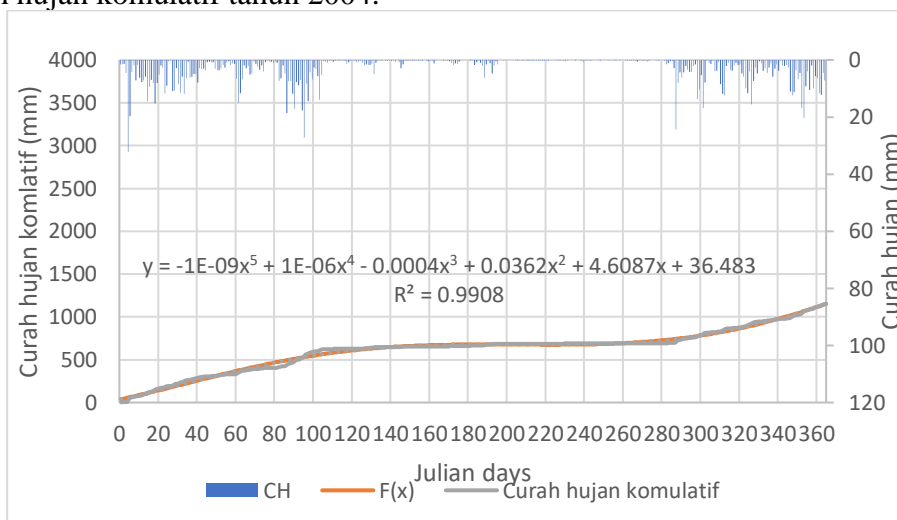
Curah hujan komulatif tahun 2002.



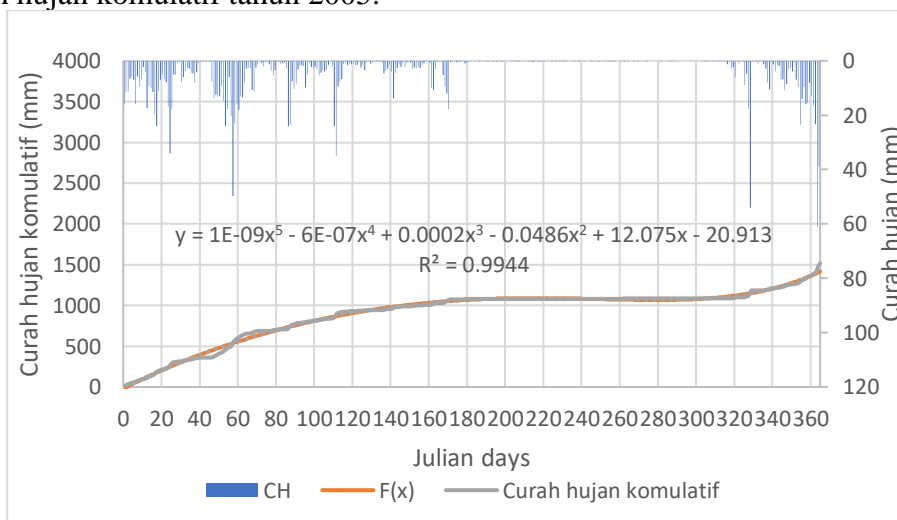
Curah hujan komulatif tahun 2003.



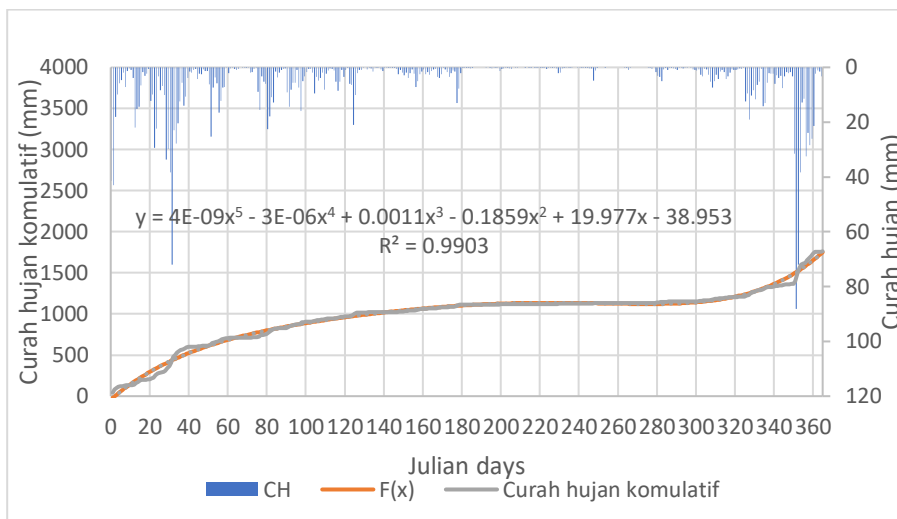
Curah hujan komulatif tahun 2004.



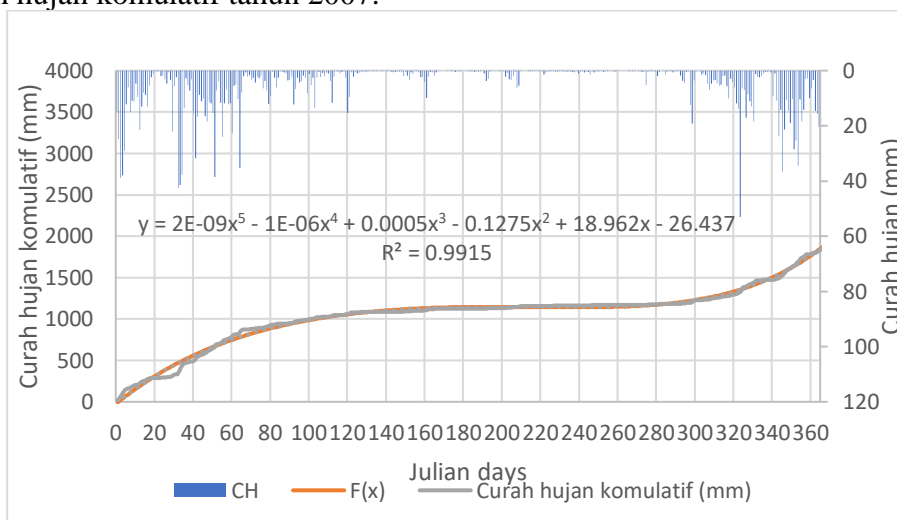
Curah hujan komulatif tahun 2005.



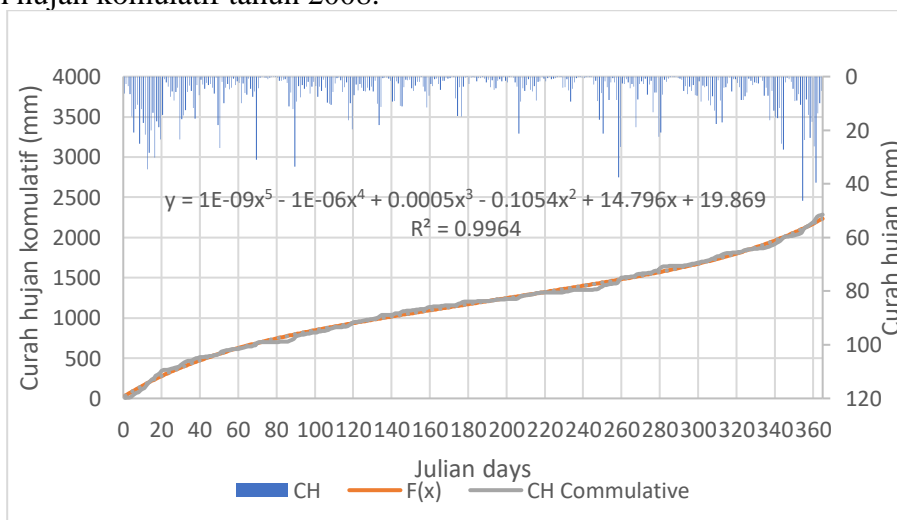
Curah hujan komulatif tahun 2006.



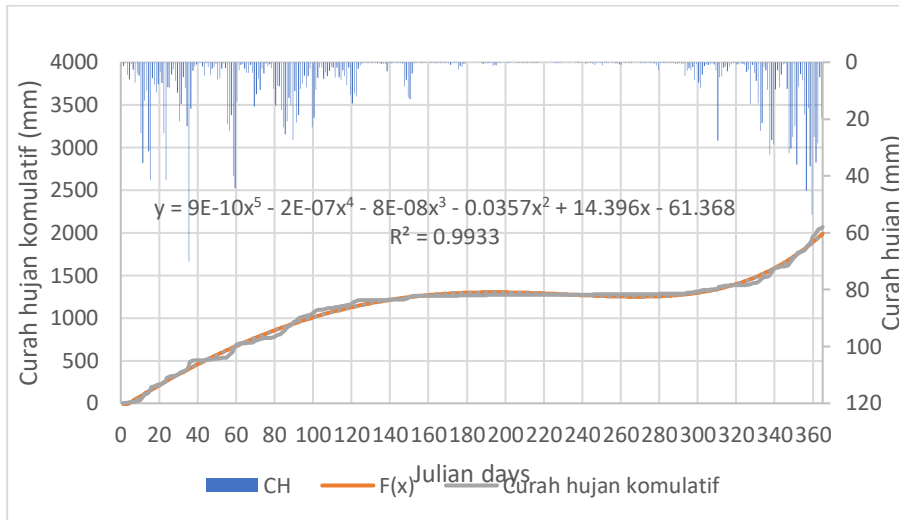
Curah hujan komulatif tahun 2007.



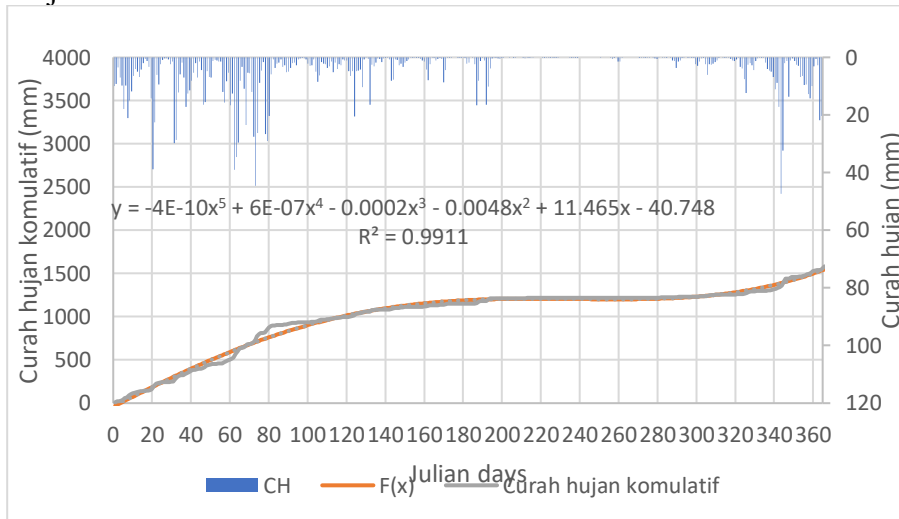
Curah hujan komulatif tahun 2008.



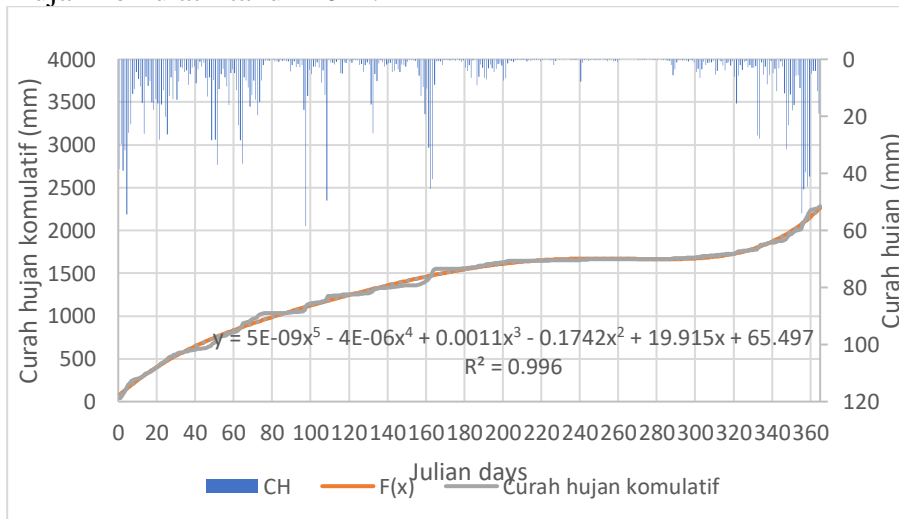
Curah hujan komulatif tahun 2010.



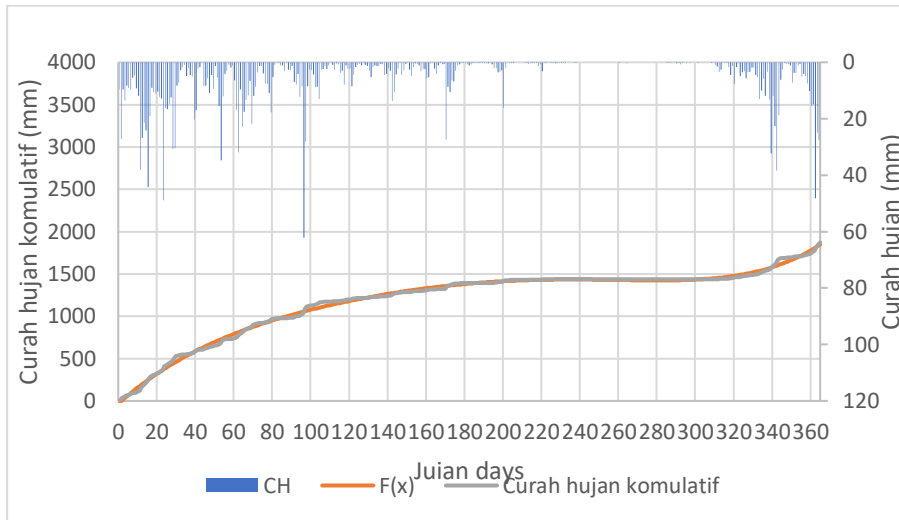
Curah hujan komulatif tahun 2011.



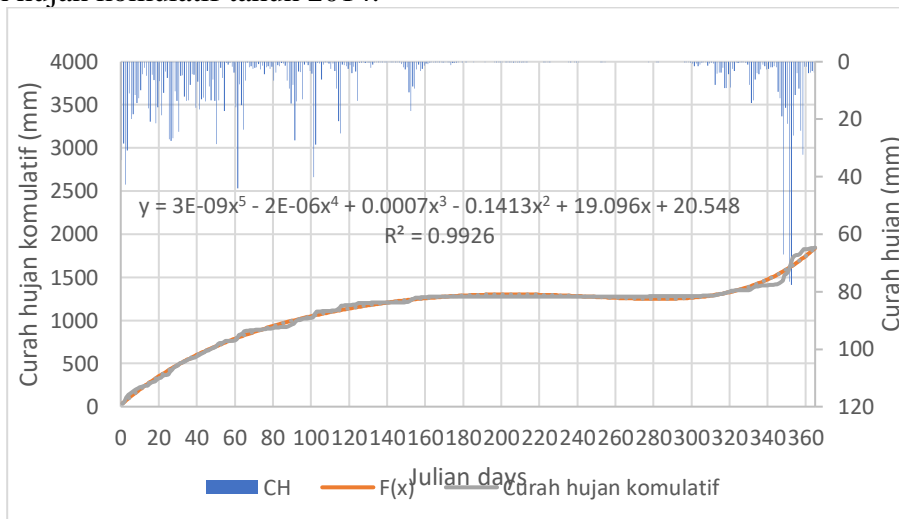
Curah hujan komulatif tahun 2012.



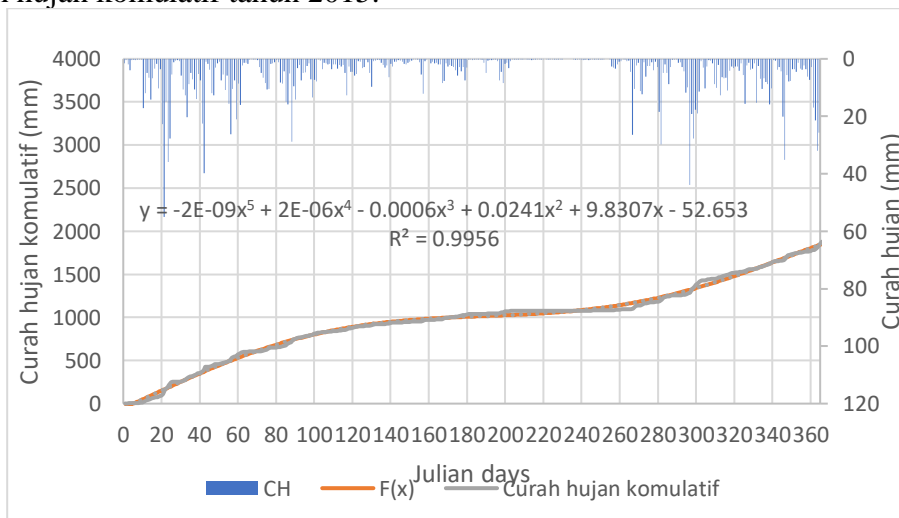
Curah hujan komulatif tahun 2013.



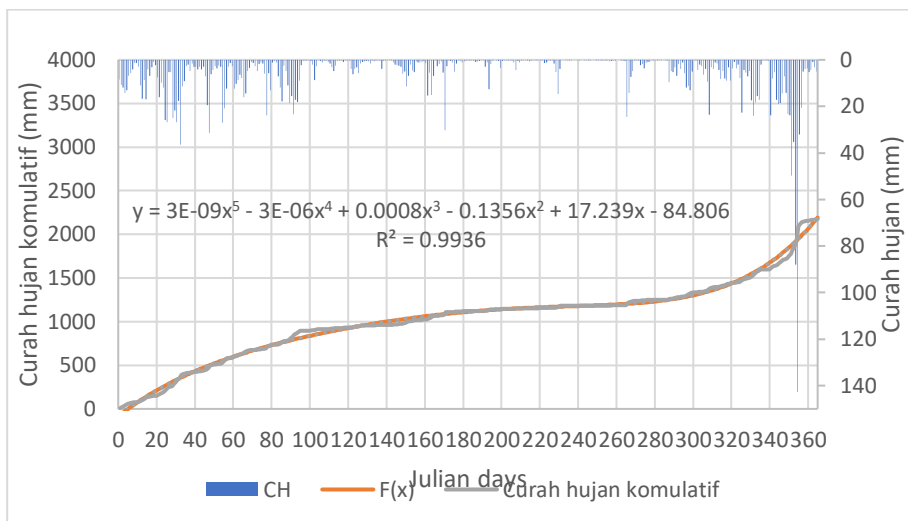
Curah hujan komulatif tahun 2014.



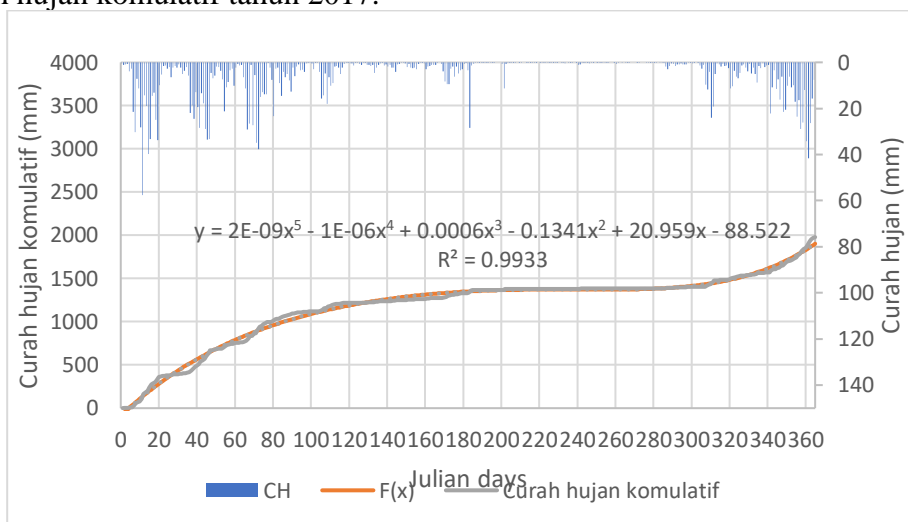
Curah hujan komulatif tahun 2015.



Curah hujan komulatif tahun 2016.

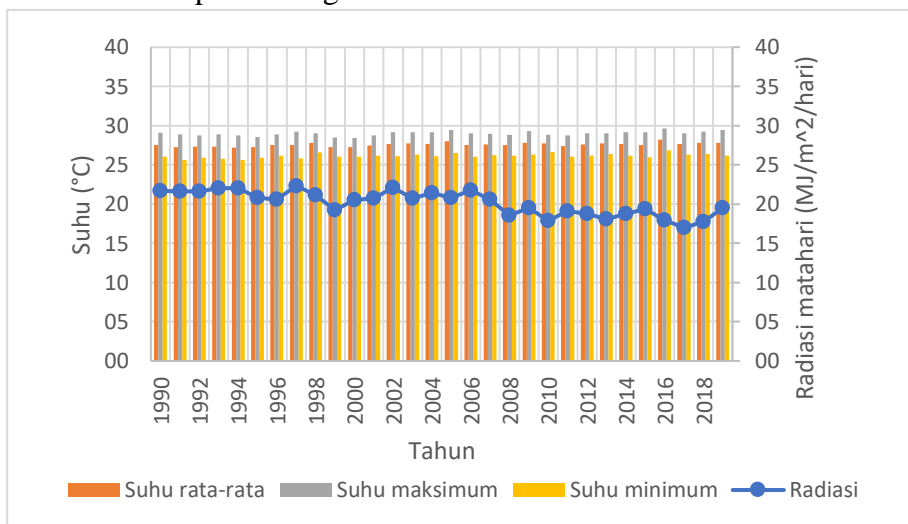


Curah hujan komulatif tahun 2017.



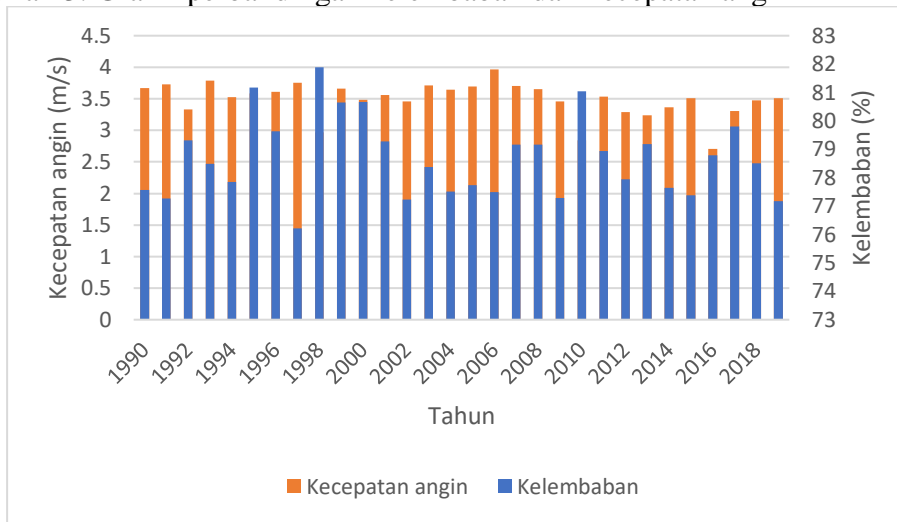
Curah hujan komulatif tahun 2018.

Lampiran 2. Grafik perbandingan suhu dan radiasi matahari



Perbandingan suhu dan radiasi matahari.

Lampiran 3. Grafik perbandingan kelembaban dan kecepatan angin



Perbandingan kelembaban dan kecepatan angin.