

REFERENCES

1. Ackermann, W. C. "Application of severe rainstorm data in engineering design" *Bulletin of the American meteorological society*, 1964, 45 (4), pp. 204-206.
2. Alexander, G. N. "Discussion on Hydrology of spillway design: large structures – adequate data" *J. of Hydraulics Division, ASCE*, 91 (HY 1), 1965, pp. 211-219.
3. Al Mamun, A. & Hashim, A., "Generalised long duration probable maximum precipitation (PMP): Isohyetal map for Peninsular Malaysia", *Journal of Spatial Hydrology*, 2004, 4(1), pp. 20-35.
4. Anip, M. H. M. & Market, P. S., "Dominant factors influencing precipitation efficiency in a continental mid-latitude location", *Tellus A*, 2006, 59(1), pp. 122-126.
5. Arumugam, S., "The floods of December 1957 and their impact on water conservation works", *Presidential Address, Section C*, Ceylon association for the advancement of science, 1960.
6. Ayoade, J.O., "A preliminary study of the magnitude, frequency and distribution of intense rainfall in Nigeria", *Hydrological Sciences – Bulletin*, 1976, XXI (3), pp. 419-429.
7. Bagirathan, V. R. & Show, E. M., "Rainfall depth-duration-frequency studies for Sri Lanka", *Journal of Hydrology*, 1978, 37, pp. 223–239.
8. Balfour, J.A., "Great floods in the north of Ceylon", *Transactions of the Engineering Association of Ceylon*, 1913, 42(6), pp. 564-578.
9. Barnett, V. & Lewis, T., *Outliers in Statistical Data*, John Wiley & Sons, New York, 1984.
10. Beckman, R. J. & Cook, R. D., "Outlier.....s", *Technometrics*, 1983, 25(2), pp. 119-145.
11. Ben-Gal, I., *Outlier detection*, In: Maimon O. and Rockach L. (Eds.) *Data Mining and Knowledge Discovery Handbook: A Complete Guide for Practitioners and Researchers*, Kluwer Academic Publishers, 2005.
12. Benson, M. A. "Thoughts on the design of design floods: Floods & droughts" *Proc. of the 2nd Intern. Symp. Hydrology*, Water Resources Publications, Fort Collins, CO, USA., 1973, pp. 27-33.
13. Berga, L. (Ed.), *Dam safety – Proc. of the Intern. Symp. on new trends and guidelines on dam safety*, Vol. 2, A. A. Balkema Publishers, Rotterdam, Netherlands, 1998.
14. Bhunya, P. K., Jain, S. K., Ojha, C. S. P. & Agarwal, A., "Simple parameter estimation technique for three-parameter generalized extreme value distribution", *Journal of Hydrologic Engineering*, ASCE, November/December, 2007, pp 682-689.
15. Biswas, A. K., "Some thoughts on estimating spillway design flood", *Association of scientific hydrology*, 1971, XVI, 4(12) pp. 63-72.
16. Brubaker, K. L., Dirmeyer, P. A., Sudradjat, A., Levy, B. S. & Bernal, F., "A 36-year Climatological description of the evaporative sources of warm – season precipitation in the Mississippi River Basin", *Journal of Hydrometeorology*, 2001, 2(6), pp. 537-557.

17. Bureau of Meteorology, "The Estimation of Probable Maximum Precipitation in Australia: Generalized short-duration method", *HRS Report No. 8*, June AGPS, Canberra, 2003.
18. Buishand, T.A., Some methods for testing the homogeneity of rainfall records, *Journal of Hydrology*, 1982, 58, pp. 11-27.
19. Burke, S., "Missing values, outliers, robust statistics and non-parametric methods", *Statistics and Data Analysis*, (n.d.), Available at: <http://www.lcgceurope.com/lcgceurope/data/articlestandard/>, Accessed on 08th April, 2008.
20. Central Environmental Authority (CEA), *Environmental atlas of Sri Lanka*, CEA, Sri Lanka, 2005.
21. Ceylon Daily News, "Major flood invades North Colombo", 20 May 1940, pp. 1&3.
22. Ceylon Daily News, "Grave flood disaster imminent", 16 August 1947, p. 1.
23. Chang, W. L. & Hui, T. W., "Probable maximum precipitation for Hong-Kong", Reprint 482, *Workshops on rain – induced landslides*, 2001.
24. Chen, L-C. & Bradley, A. A., "Adequacy of using surface humidity to estimate atmospheric moisture availability for probable maximum precipitation", *Water Resources Research*, 2006, 42, wo9410.
25. Chen, L-C. & Bradley, A. A., "How does the record July 1996 Illinois rainstorm affect probable maximum precipitation estimates", *Journal of Hydrologic Engineering*, ASCE, May/June, 2007, pp 327-335.
26. Chiew, F.H.S. & McMahon, T.A., Detection of trend or change in annual flow of Australian rivers, *International J. of Climatology*, 1993, 13, pp. 643-653.
27. Chow, V. T., "A general formula for hydrologic frequency analysis", *Tran. Am. Geophysics Union*, 1951, 32, pp. 231-237.
28. Chow, V. T., *Handbook of Applied Hydrology*, McGraw – Hill, New York, 1964.
29. Chow, V. T., Maidment, D. R., and Mays, L. W., *Applied Hydrology*, McGraw-Hill Publication, 1988.
30. Coldwell, R., "Extreme value theory and applications to flood probability calculations", 2002.
31. Collier, C., "On the relationship between PMP, risk analysis and the impacts of climate change to reservoir safety", Science Paper No. 2, *Natural Environment Research Council*, 2009.
32. Dahmen, E.R. & Hall, M.J., Screening of hydrological data, *ILRI Publication No.49*, Wageningen, Netherlands, 1989, pp. 11-58.
33. DEFRA (Department for environment, food & rural affairs), "Estimation of floods and other external threats", *Floods & reservoir safety integration*, Vol. 2, 2002, <http://www.defra.gov.uk>, 68-95, visited, 09th July 2008.
34. Department of Meteorology, "Heavy rain in Ratnapura with monsoon onset", *Climate Change Newsletter*, 2003, 1(13), pp. 1.
35. Department of Meteorology, 2007, *Ever recorded daily extreme values* http://www.meteo.gov.lk/Up_Date/weather, visited, 23rd June 2009.
36. De Tissera, C. H., "Natural hazards", In T. Somasekeram (Ed.), *Arjuna's atlas of Sri Lanka*, Arjuna Consulting Co. Ltd., Sri Lanka, 1997, pp. 76-78.

37. Desa, M. N. & Rakhecha, P. R., "Deriving the highest persisting monthly 24-hour dew points in Malaysia for the estimation of PMP", *IAHS Publication 308*, 2006, pp. 287-293.
38. Desa, M. N. & Rakhecha, P. R., "Probable maximum precipitation for 24-h duration over an equatorial region: Part 2-Johor, Malaysia", *Atmospheric Research*, 2007, 84, pp. 84-90.
39. Desa, M.N., Noriah, A.B. & Rakhecha, P.R., "Probable maximum precipitation for 24 h duration over southeast Asian monsoon region – Selangor, Malaysia", *Atmospheric Research*, 2001, 58, pp 41-54.
40. Dhar, O. N. & Rakhecha, P. R., Incidence of heavy rainfall in the Indian desert region, *Proc. of the Canberra symposium*, IAHS Publication no. 128, 1979, pp. 33-42.
41. Dhar, O.N., Kulkarni, A.K. & Mandal, B.N., The most severe rainstorm of India – a brief appraisal, *Hydrological Sciences - Journal*, 1984, 29, pp. 219-229.
42. Dhar, O. N., Rakhecha, P. R., Kulkarni, A. K. & Ghose, G. C., "The Estimation of probable maximum precipitation for station in the Western Ghats", *International symposium on Hydrological aspects of mountainous watersheds*, 1982, 1, pp. 4-6.
43. Dhar, O. N., Rakhecha, P. R., Mandal, B.N. & Sangam, R. B., The rainstorm which caused the Morvi dam disaster in August, *Hydrological Sciences - Bulletin*, 1981, 26, pp. 71-81.
44. Director of Irrigation, *Ceylon Administration report for 1957*, Sri Lanka, Part V, B pp. 4-7, 1957.
45. Domrose, M. & Schaefer, D., "Trends of recent temperature and rainfall changes in Sri Lanka", *Proceedings of the International Conference on climate change and variability*, Tokyo Metropolitan University, 2000, pp. 197-204.
46. Dooge, J. C. I., "Looking for Hydrologic Laws", *Water Resources Res.*, 1986, 22(9), 46S-58S.
47. Doswell, C. A., Brooks, H. E. & Maddox, R. A., "Flash flood forecasting: An ingredients – based methodology", *Weather and Forecasting*, 1996, 11(4), pp. 560-581.
48. Eliasson, J. A., "Statistical model for extreme precipitation", *Water Resources Research*, 1997, 33(3), pp. 449-455.
49. Fallon, A. and Spada, C., "Detection and accommodation of outliers in normally distributed data sets", *Environmental Sampling and Monitoring Primer*, (n.d.), Available at <http://www.cee.vt.edu/ewr/environmental/teach/smprimer/outlier/outlier>, Accessed on 16th April, 2008.
50. Fernando, N., "Banking on dam safety in Sri Lanka", *International Water Power and Dam Construction*, August, 2008.
51. Fernando, S., "Wind resources assessment in the Puttalam region, Knuckles range and Ambewela", *Report submitted to Ceylon Electricity Board, Sri Lanka*, 2002, pp. 3-8.
52. Fernando, K. & Wickramasuriya, S. S., "Some issues in the estimation of probable maximum precipitation", *Proceedings of International Conference on Sustainable Water Resources Management in the changing environment of*

- the monsoon region, Sri Lanka*, United Nations University: Japan, 2004, 1, pp. 153-165.
53. Fernando, W. C. D. K. & Wickramasuriya, S. S., "Estimating probable maximum precipitation – from research to design", *Engineer, Institution of engineers, Sri Lanka*, 2007, 40(4), pp. 116-122.
 54. Fernando, W. C. D. K. & Wickramasuriya, S. S., "A statistical approach for estimating the probable maximum precipitation in Sri Lanka", *Proceedings of the International Statistics Conference*, Applied Statistics Association of Sri Lanka, 2009.
 55. Fernando, W. C. D. K. & Wickramasuriya, S. S., "The hydro-meteorological estimation of probable maximum precipitation under varying scenarios in Sri Lanka", *International Journal of Climatology*, 2011, Accepted 6 January 2010, DOI:10.1002/joc.2096.
 56. Frances, F. & Botero, B. A., "Probable maximum flood estimation using systematic and non-systematic information", (n.d.), Available at: http://www.ccma.csic.es/dpts/suelas/hidro/images/chapter_34_phefra.pdf, Accessed on 27th November, 2007.
 57. Galliatou, P. and Prinos, P., "Outliers and trend detection tests in rainfall extremes", (n.d.), Available at: <http://www.tudelft.nl/.../doc/citatie>, Accessed on 25th March, 2008.
 58. Garros-Berthet, H., "Station-year approach: Tool for estimation of design floods", *J. of Water Resources planning & management*, 1994, 120(2), March/April pp.135-160.
 59. Ghahraman, B., "The estimation of one day duration probable maximum precipitation over Atrak watershed in Iran", (n. d.), Available at: <http://www.shirazu.ac.ir/en/modules>, Accessed on 04th June, 2008.
 60. Government Agent (GA) Report, "Report on the Mullativu district for 1911-1912: Annual Report 1912", Sri Lanka, 1912.
 61. Haan, C.T., *Statistical methods in hydrology*, The Iowa State University Press, Ames, Iowa, 1977.
 62. Haktanir, T., "Divergence criteria in extreme rainfall series frequency analysis", *Hydrological Sciences Journal*, 2004, 48(6), pp. 917-937.
 63. Hansen, E. M., Miller, J. R. and Schreiner, L. C. "Application of probable maximum precipitation estimates – United States east of the 105th meridian", *Hydro-meteorological Report No. 52*, National Weather Service, U. S. Department of Commerce, Silver Spring, Maryland, 1982.
 64. Hardaker, P. J. & Collier, C. G., "Radar and storm model-based estimation of Probable Maximum Precipitation in the tropics", (n. d.), Available at <http://www.unesco.org/uy/phi/libras/radar/art15.html>, Accessed on 25th October, 2006.
 65. Hershfield, D. M., "Estimating the probable maximum precipitation", *Proc. Am. Soc. Of Civil Engineers*, J. Hydraulics division, 1961, 87(9), pp. 99-106.
 66. Hershfield, D. M., "Extreme rainfall relationships", *Proc. Am. Soc. Of Civil Engineers*, J. Hydraulics Division, 1962, 88(11), pp. 73-92.
 67. Hershfield, D. M., "Method for estimating the probable maximum precipitation", *J. American Waterworks Association*, 1965, 57(8), pp. 965-972.

68. Hershfield, D. M., "The magnitude of the hydrological frequency factor in maximum rainfall estimation", *Hydrological Sciences Bulletin*, 1981, 26(2), pp. 171-177.
69. Hirsch, R. M., Helsel, D. R., Cohn, T. A. & Gilroy, E. J., "Statistical analysis of hydrologic data", In Handbook of Hydrology, Chapter 17, Maidment, D. R. (Ed.), McGraw-Hill: New York, 1993.
70. Hosking, J. R. M., "L Moments: Analysis and estimation of distributions using linear combination of order statistics", *Journal of Royal Statistical Society*, 1990, 52(1), pp. 105-124.
71. Hosking, J. R. M. and Wallis, J. R., *Regional Frequency Analysis: an approach based on L – moments*, Cambridge University Press, 1997.
72. Iglewicz, B. and Hoaglin, D. C., *How to detect and handle outliers*, American Society for Quality Control, Milwaukee, WI, 1993.
73. Interagency Advisory Committee on Water Data (IAC), "Guidelines for determining flood flow frequency", *Bulletin 17B*, U. S. Geological Survey, Office of Water Coordination, Reston, VA, 1982.
74. Interagency Advisory Committee on Water Data (IAC), "Feasibility of assigning a probability to the PMF", U. S. Geological Survey, Office of Water Coordination, Reston, VA, 1986.
75. International Association of Hydrological Sciences (IAHS) Newsletter, "The court of miracles of Hydrology", NL 91, August, 2008.
76. Jameson, H., "Heavy rainfall in Ceylon", *Transactions of the Engineering Association of Ceylon*, 1926, pp. 30-88.
77. Jayawardane, H.K.W.I., Sonnadara, D.U.J. & Jayawaradene, D.R., "Trends of rainfall in Sri Lanka over the last century", *Sri Lankan Journal of Physics*, 2005, 6, pp. 7-17.
78. Kappus, U., Bleek, J. M. & Blair, S.H., Rainfall frequencies for the Persian Gulf coast of Iran, *Hydrological Sciences*, 1978, 23, pp. 1-3.
79. Kendall, M., *Time – Series*, Charles Griffin and Company Ltd., London and High Wycombe, 2nd edition, 1976.
80. Kendall, M. & Stuart, A. *The advanced theory of Statistics – Vol.3: Design & Analysis, & Time series*. Charles Griffin & Company Limited, London & High Wycombe, 1976, pp. 357-446.
81. Kite, G. W., *Frequency and Risk Analysis in Hydrology*, Water Resources Publications, Fort Collins, Colorado, U. S. A., 1977.
82. Kite, G. W., *Frequency and risk analysis in Hydrology*, Water Resources Publication, Littleton, CO, USA, 1988.
83. Klemes, V., "Hydrological and engineering relevance of flood frequency analysis", *Hydrologic Frequency Modelling*, (V. P. Singh ed.) Kluwer Academic Publishers, 1987, pp. 1-18.
84. Klemes, V., "Probability of extreme hydrometeorological events – a different approach", *Extreme Hydrological Events: Precipitation, Floods and Droughts*, *IAHS Publication No. 213*, 1993, pp. 167-176.
85. Klemes, V., "Tall tales about tails of hydrological distributions", *Journal of Hydrologic Engineering*, ASCE, 5(3), 2000, pp. 227-231 (Part I) and pp. 232-239 (Part 2).

86. Komatsu, T., Tanaka, H., Toda, K., Shimizu, Y., Fujita, M., Ishino, K., et. al., "Field investigations of the flood disaster in South-West area of Sri Lanka occurred in May 2003", *Journal of Hydroscience and Hydraulic Engineering*, 2005, 23(2), pp. 43-53.
87. Kottegoda, N. T., "Stochastic water resources technology", Chapter 6 – Statistical treatment of floods, The Macmillan Press Ltd., 1980.
88. Kottegoda, N. T., "Investigation of outliers in annual maximum flow series", *Journal of Hydrology*, 1984, 72, pp 105-137.
89. Kottegoda, N. T. and Rosso, R., *Statistics, Probability and Reliability for Civil and Environmental Engineers*, McGraw-Hill, 1997.
90. Koutsoyiannis, D., "A probabilistic view of Hershfield's method for estimating probable maximum precipitation", *Water Resources Research*, 1999, 35(4), pp. 1313-1322.
91. Koutsoyiannis, D., "Statistics of extremes and estimation of extreme rainfall II: Empirical investigation of long rainfall records" *Hydrological Sciences Journal*, 2004, 49(4), pp. 591-610.
92. Kulkarni, B. D., "Generalized approach of estimating areal probable maximum precipitation (PMP) for plain region of the Godavari river basin: India", *Journal of Spatial Hydrology*, 2002, 2(2), pp. 29-37.
93. Kundzewicz, Z. W. & Robson, A. J., "Change detection in hydrological records- a review of the methodology", *Hydrological Sciences Journal*, 2004, 49(1), pp. 7-19.
94. Law, A. M. & Vincent, S. G., "A tutorial on UNFIT: An interactive computer package for fitting probability distributions to observed data", Proc. Of the 1988 Winter Simulation Conference, 1988, pp. 188-193.
95. Lee, S. H. and Maeng, S. J., "Frequency analysis of extreme rainfall using L-moments", *Journal of Irrigation and Drainage*, 2003, 52, pp. 219-230.
96. Liu, J., "Selection of design floods in Southeast Asia", 2002, Available at: <http://kfki.baw.de/conferences/ICHE/2002-Warsaw/>, Accessed on 19th November 2007.
97. Makkonen, L., "Problems in the extreme value analysis", *Structural Safety*, 2007 (in press).
98. Malmgren, B.A., Hulugala, R., Hayashi, T. and Mikami, T., "Precipitation trends in Sri Lanka since the 1870s and relation to El Nino-Southern oscillation", *International Journal of Climatology*, 2003, 23, pp.1235-1252.
99. Market, P., Allen, S., Scofield, R., Kuligowski, R. & Gruber, A., "Precipitation efficiency of warm-season Midwestern mesoscale convective systems", *Weather and Forecasting*, 2003, 18 (6), pp. 1273-1285.
100. Matreata, S., "Dynamic-statistical model for the determination of Probable Maximum Flood", Balwois Conference, 2006, Available at: <http://mpl.ird.fr/balwois>, Accessed on 25th May, 2008.
101. McCuen, R. H., *Modeling Hydrologic Change – Statistical Methods*, CRC Press, 2002.
102. Michele, C. De & Salvadori, G., "Some hydrological applications of small sample estimators of Generalized Pareto and extreme value distributions", *Journal of Hydrology*, 2005, 301, pp. 37-53.

103. Ministry of Planning, [Hambantota District], State Printing Cooperation, 1980, p. 29.
104. Myers, V. A., "The estimation of extreme precipitation as the basis for design floods – Resume of practice in the United States", in symposium at Leningrad, *IAHS Publication*, 1967, 84, pp. 84-101.
105. Mylyaganam, T., "An analysis of the 1947 flood in the Kelani Ganga basin Ceylon", Available at: <http://www.iahs.info/redbooks/a035/035017.pdf>, Accessed on 23rd April 2009, (n.d.), pp. 86-97.
106. National Research Council (NRC), "Safety of dams: Floods and earthquake criteria, Committee on the safety criteria for dams, Water science and technology board, Commission on Engineering and Technology systems, Washington, USA, 1985.
107. Noorian, A.M. & Fattahi, E., "Comparison between physical and statistical methods for Estimation of PMP in Southwest basins of Iran", *Balwois conference*, 2006. Available at: <http://mpl.ird.fr/balwois>, Accessed on 25th May 2008.
108. Panabokke, C. R., "Agro ecological regions", In T. Somasekaram (Ed.), *Arjuna's atlas of Sri Lanka*, Arjuna consulting Co. Ltd., Sri Lanka, 1997.
109. Papalexiou, S. M. & Koutsoyiannis, D., "A probabilistic approach to the concept of probable maximum precipitation", *Advances in Geosciences*, 2006, 7, pp. 51-54.
110. Peiris, G. H., "*Development and change in Sri Lanka geographical perspectives*", MacMillan India Ltd., New Delhi, 1996.
111. Premalal, K. H. M. S., "Difficulties and importance of developing very short range weather forecasting and nowcasting techniques in Sri Lanka", 2004. Available at: www.meteo.fr/cic/wsn05/resumes_long/7.25-262.pdf [Accessed 27 January 2009].
112. Rakhecha, P. R. & Clark, C., "Revised estimates of one-day probable maximum precipitation for India", *Meteorological Applications*, 1999, 6, pp. 343-350.
113. Rakhecha, P. R. & Kennedy, M. R., "A generalized technique for the estimation of probable maximum precipitation in India", *Journal of Hydrology*, 1985, 78, pp. 345-359.
114. Rakhecha, P. R. & Soman, M.K., "Estimation of probable maximum precipitation for a 2-day duration: Part 2-North Indian Region", *Theoretical and Applied Climatology*, 1994, 49, pp. 77-84.
115. Rao, V. B. & Marques, V. da Silva, "Water vapor characteristics over Northeast Brazil during two contrasting years", *Journal of Climate & Applied Meteorology*, 1984, 23, pp. 440-444.
116. Reitan, C. H., "Surface dew point and water vapor aloft", *Journal of Applied Meteorology*, 1963, 2, pp. 776-779.
117. Rezacova, D., Pesice, P. & Sokol, Z., "An estimation of the probable maximum precipitation for river basins in the Czech Republic", *Atmospheric Research*, 2005, 77, pp. 407-421.
118. Rezacova, D., Sokol, Z. & Kveton, V., "Estimation of probable maximum precipitation over catchments in the Czech Republic", *Abstract in Proc. 4th European Conference on Applications of Meteorology (ECAM)*, 1999, pp. 228-229.

119. Riddell, D. C., "Flood hydrology of the Motu river", *Journal of Hydrology (N.Z.)*, 1980, 10(1), pp. 35-48.
120. Schulze, O., Roth, R. & Pieper, O., "Probable maximum precipitation in the Upper Harz Mountains", *IAHS Publication No. 221*, 1994, pp. 315-321.
121. Shiffler, R. E., "Maximum Z scores and outliers", *The American Statistician*, 1988, 42 (1), pp. 79-80.
122. Showalter, A. K. & Solot, S. B., "Computation of maximum possible precipitation", *Trans. American Geophysical Union*, 1942, 23, pp. 258-274.
123. Siegel, S., *Nonparametric statistics for the behavioral Sciences*, McGraw-Hill Kogakusha Ltd., Tokyo, 1956.
124. Sirinanda, K. U., "Rainfall variability patterns and agricultural production in Sri Lanka", in Yashino, M. M. (Ed.), *Climate, water and agriculture in Sri Lanka*, Ibarak, Japan, 1983, pp. 83-110.
125. Solot, S. B., "Computation of depth of precipitable water in a column of air", *Monthly Weather Review*, 1939, 67(4), pp. 100-103.
126. Spencer, C. S. and McCuen, R. H., "Detection of outliers in Pearson type III data", *Journal of Hydrologic Engineering*, January, 1996.
127. Stedinger, J. R., Vogel, R. M. & Foufoula-Georgiou E., "Frequency analysis of extreme events", In *Handbook of Hydrology*, Chapter 18, Maidment D. R. (Ed.), McGraw-Hill: New York, 1993.
128. Sui, Chung-Hsiung, Xiaofan Li & Ming-Jen Y., "On the Definition of Precipitation Efficiency", *J. Atmos. Sci.*, 2007, 64, 4506–4513.
129. Suppiah, R., "Some aspects of the cyclone over Sri Lanka November 23/24, 1978", Proc. of the Peradeniya meeting of IGU-working group, *Climatological Notes* 30, 1982, pp. 126-137.
130. Svensson, C. & Rakhecha, P. R., "Estimation of probable maximum precipitation for dams in the Hongru river catchment, China", *Theoretical & Applied Climatology*, 1998, 59, pp. 79-91.
131. Thambyahpillay, G., "Tropical cyclones and the climate of Ceylon", *University of Ceylon Review*, XVII (3&4), 1959, pp. 137-180.
132. Tukey, J. W., *Exploratory Data Analysis*, Addison-Wesely, 1977.
133. U. S. Weather Bureau (USWB), Generalised estimates of probable maximum precipitation for the United States for the West of the 105th Meridian, *Technical paper No. 38*, US Department of Commerce, Washington DC, 1960.
134. U. S. Weather Bureau (USWB), Probable maximum precipitation in the Hawaiian Islands, *Hydro-meteorological Report No. 39*, US Department of Commerce, Washington DC, 1963.
135. Verma, S. P. and Quiroz-Ruiz, A., "Critical values for six Dixon tests for outliers in normal samples up to sizes 100, and applications in science and engineering", *Revista Mexicana de Ciencias Geológicas*, 2006, 23(2), pp. 133-161.
136. Vogel, R. M., "Stochastic and deterministic world views", *Journal of water resources planning and management*, 125(6), November/December, 1999, pp. 311-313.
137. Walfish, S., "A review of statistical outlier methods", *Pharmaceutical Technology*, 2006, Available at:

- <http://www.pharmtech.com/pharmtech/content>, Accessed on 28th January, 2007.
138. Walker, R. L., “*The Hydrometeorology of Ceylon: Floods and flood frequency*”, Part II, A Canada-Ceylon Colombo plan project, 1962, pp.1-9.
 139. Wang, Y., “Nonparametric tests for randomness”, Project Report, ECE 461, May, 2003.
 140. Weiss, L. L., “Ratio of true to fixed interval maximum rainfall”, *Proceedings of the American Society of Civil Engineers*, J. of Hydraulics Division, 1964, 90(1), pp. 77-82.
 141. Wickramasuriya, S. S., Vanathy, I. & Wickramaratne, S., “Some hydrological issues in the assessment of dam safety”, *Annual Transactions of Institute of Engineers, Sri Lanka*, 2004, 1(B), pp. 329-339.
 142. Wiesner, C. J., *Hydrometeorology*, Chapman & Hall Ltd., London, 1970.
 143. Wilson, E. M., *Engineering Hydrology*, Fourth edition, 1990, pp. 34-37.
 144. World Meteorological Organization (WMO), “Estimation of maximum floods”, *WMO no. 233*, TP 126, Technical note no. 98, 1969, pp. 83-116.
 145. World Meteorological Organization (WMO), “Manual for estimation of probable maximum precipitation: Operational Hydrology”, Rep.1, *WMO no. 332* (2nd ed), Geneva, 1986.
 146. World Meteorological Organization (WMO), “Analyzing long time series of hydrological data with respect to climate variability WCAP-3”, *WMO TD-No 224*, 1988.
 147. Xu, Yue-Ping, Booij, M. J. & Tong, Yang-Bin, “Uncertainty analysis in statistical modeling of extreme hydrological events”, *Stochastic Environmental Research and Risk Assessment*, 2009, 24(5), pp. 567-578.
 148. Yevjevich, V., “Misconceptions in Hydrology and their consequences”, *Water Resources Research*, 1968, 4(2), pp. 225-232.
 149. Yevjevich, V., “Extraction of full information on flood peaks in arid areas”, *Proc. Of the Canberra Symposium, IAHS Publication No. 128*, 1979, December, pp. 223-232.
 150. Young, C.B. and McEnroe, B. M., “Sampling adjustment factors for rainfall recorded at fixed time intervals”, *J. of hydrological Engineering*, 2003, September- October, pp. 294-296.
 151. Yue, S. & Hashino, M., “Probability distribution of annual, seasonal and monthly precipitation in Japan”, *Hydrological Sciences Journal*, 2007, 52(5), pp. 863-877.
 152. Yue, S. & Pilon, P., “A comparison of the power of the t test, Mann-Kendall and bootstrap test for trend detection”, *Hydrological Sciences Journal*, 2004, 49(1), pp. 21-37.
 153. Zin, W. Z. W., Jemain, A. A. and Ibrahim, K., “The best fitting distribution of annual maximum rainfall in Peninsular Malaysia based on methods of L-moment and LQ-moment”, *Theoretical and Applied Climatology*, 2008, (in press).
 154. Zubair, L., “May 2003 disaster in Sri Lanka and cyclone 01-B in the bay of Bengal”, *Natural Hazards*, 2004, 00, pp. 1-16.