



Water Loss measurements, which are carried out in DMAs are based on the Minimum Night Flow measured values. It would be perfect if these measurements could be performed continuously for a period of one year. However, most of water utilities in SEE are not able to perform measurements continuously, but only occasionally, Due to that reason, it is of particular importance to

define the exact day when this measurement will be performed

, in order to ensure that the flow

contains the most of the real water losses

. Taking into account that such results, obtained during measuring performed within the short period are usually incorrect, utilities as well consultants, choose cheaper and easier option as "top - down" approach is.

The author has elaborated results obtained by continuous flow measurements in DMAs in 27 water supplying systems in Bosnia and Herzegovina and Montenegro (194 DMAs). Depending on geographical positions and climate, results are sorted in three groups: Water Supply systems in Continental part (16 Water supply systems), Water Supply systems in Mediterranean part (6 Water supply systems) and Water Supply systems in the hinterland (5 Water supply systems). Furthermore, each group of results is divided in dependence of whether the DMA lies in urban or rural part of municipality.

In order to facilitate the calculation, author has prepared tables and software named RecalcuLEAKator programmed in popular MS Excel as tool for easier and more accurate recalculation flow data obtained by short period measurement. Tables and software will be set up on the web site www.waterloss.com.ba, for free download.

Tables and software will be continuously complemented and updated with new results in the future.

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Taking into account the similar behavior and climate conditions, this model can be used in other countries in SEE as well, It can be supplemented with new data which will enable its improvement, over period of time.

First version of ReacalcuLEAKator will be uploaded on www.waterloss.com.ba for free download at 01. August 2015.

