Dataset Information:

Title	**Gecco Challenge 2008**
Content	Data collection for water quality monitoring
Abstract	The dataset presents nine variables related to drinking water composition. This dataset, with observations of water components collected every minute, is important for identifying anomalies in water quality. An extract with 1501 observations from about one day of the given time series is of special interest for event detection experiments (points from 16500 to 18000 series.). This segment of the series contains 72 labeled events, including additional events imputed into the data to simulate anomalies.
Creation Date	2018
Data Type	Water quality
Category	Environment
Periodicity	Minute
Language	English

Distribution Information:

Owner	Genetic and Evolutionary Computation Conference (Gecco), Association for Computing Machinery (ACM)
Access way	R package EventDetectR
Access and other information	https://www.spotseven.de/gecco/gecco-challenge

Series Description:

Available labels	Yes
Number of series	9
Dataset variables:	
	Time - Time of measurement Tp - The temperature of the water, given in °C. Cl - Amount of chlorine dioxide in the water, given in mg/L (MS1) pH - PH value of the water Redox - Redox potential, given in mV Leit - Electric conductivity of the water, given in µS/cm Trueb - Turbidity of the water, given in NTU Cl_2 - Amount of chlorine dioxide in the water, given in mg/L (MS2) Fm - Flow rate at water line 1, given in m3/h Fm_2 - Flow rate at water line 2, given in m3/h EVENT - Marker if this entry should be considered as a remarkable event