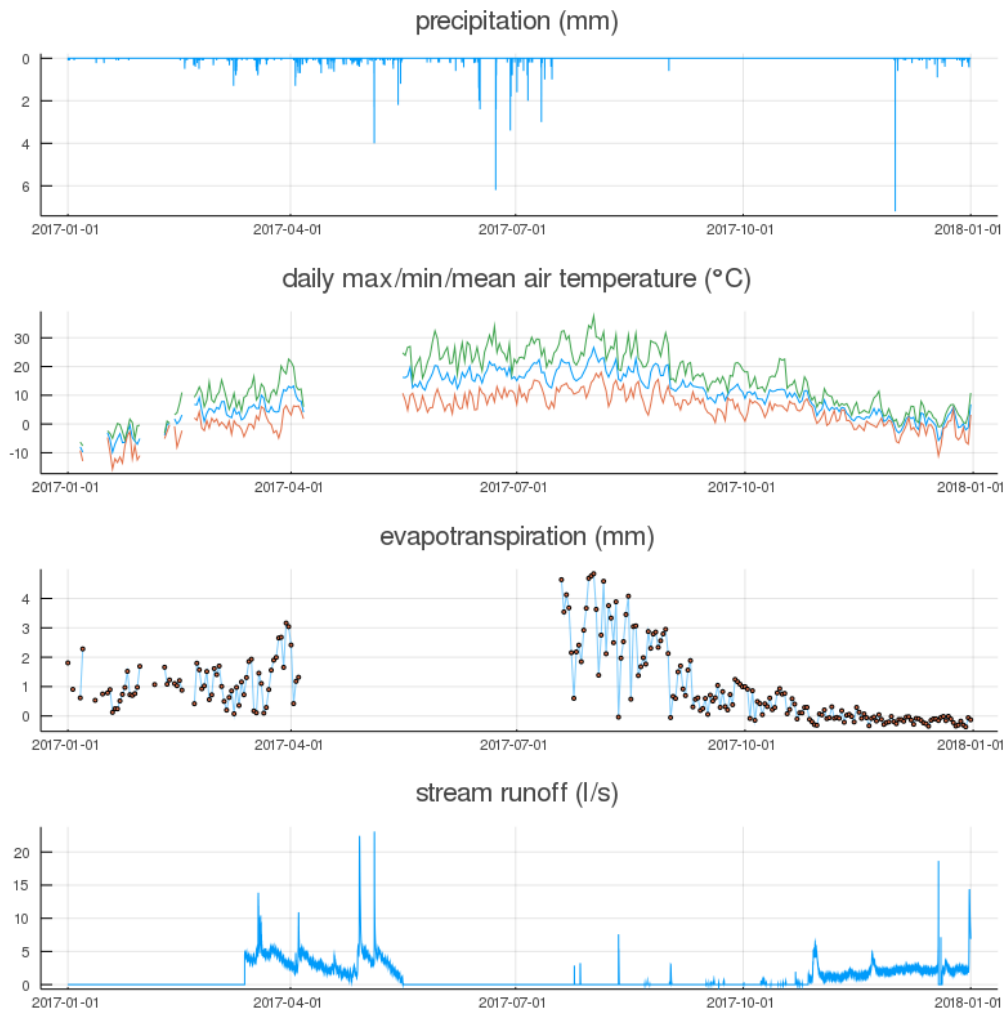


Data description for Nučice catchment 2017

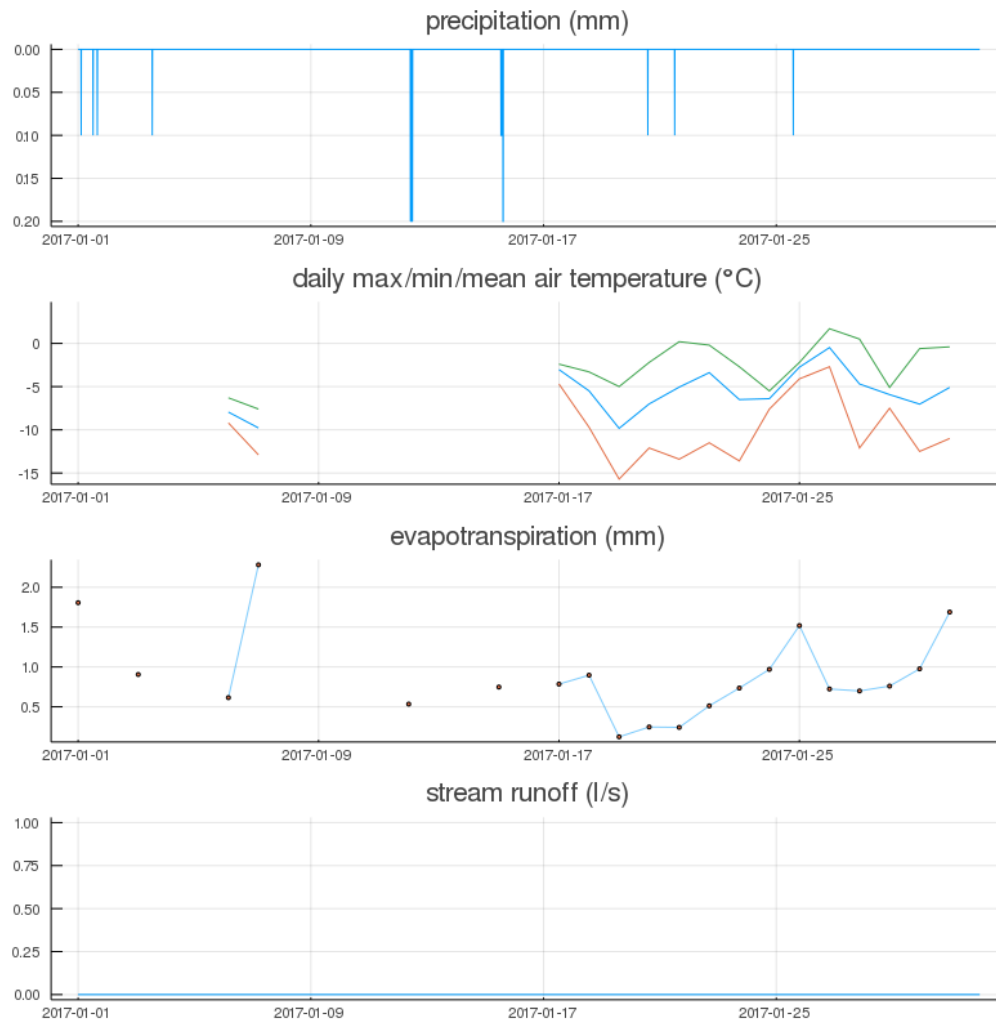
1. Summary



Precipitation, temperature, and stream discharge were measured for most of the year. The highest precipitation is 7.2 mm (in December) and the largest discharge is 23.10 l/s (in May). The lowest/highest temperature were -15.7 °C (in January) and 37.6 °C (in August), respectively.

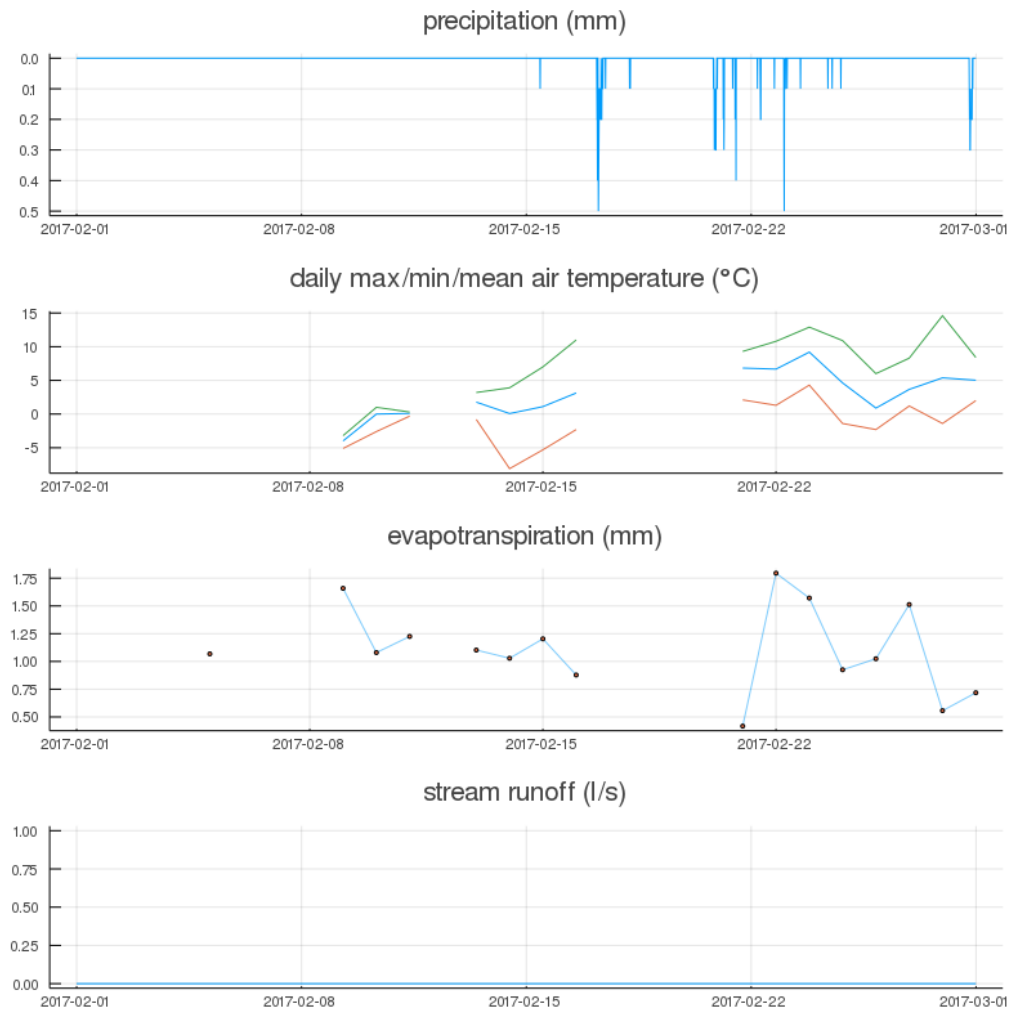
2. Monthly analysis

2.1. January



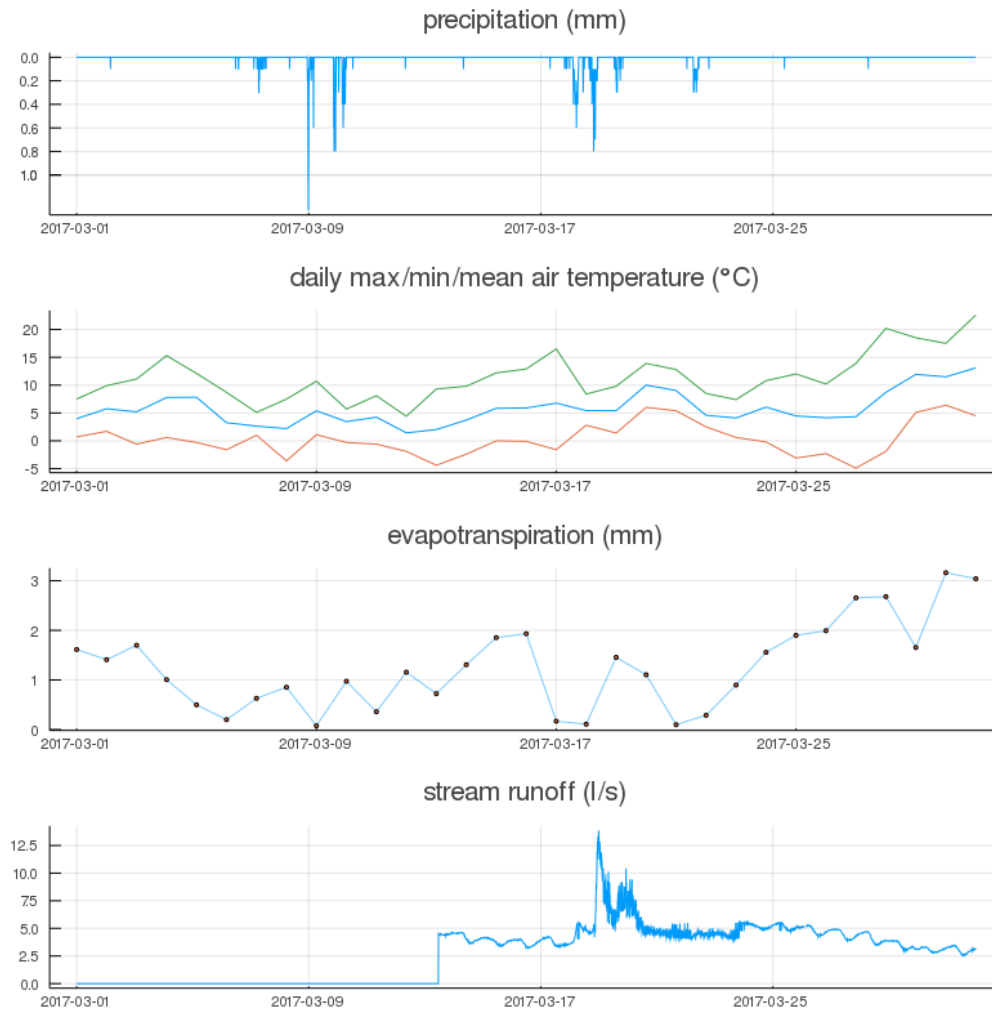
The recorded data includes precipitation, temperature, reference evapotranspiration. The average precipitation is about 0.0006 mm, the maximum precipitation is 0.2 mm. The mean temperature is -4.4 °C. The minimum and maximum temperature are -15.7 °C and 4.2 °C. The reference evapotranspiration was only recorded for a few days in the end of the month with the mean value of 0.88 mm. No runoff was observed.

2.2. February



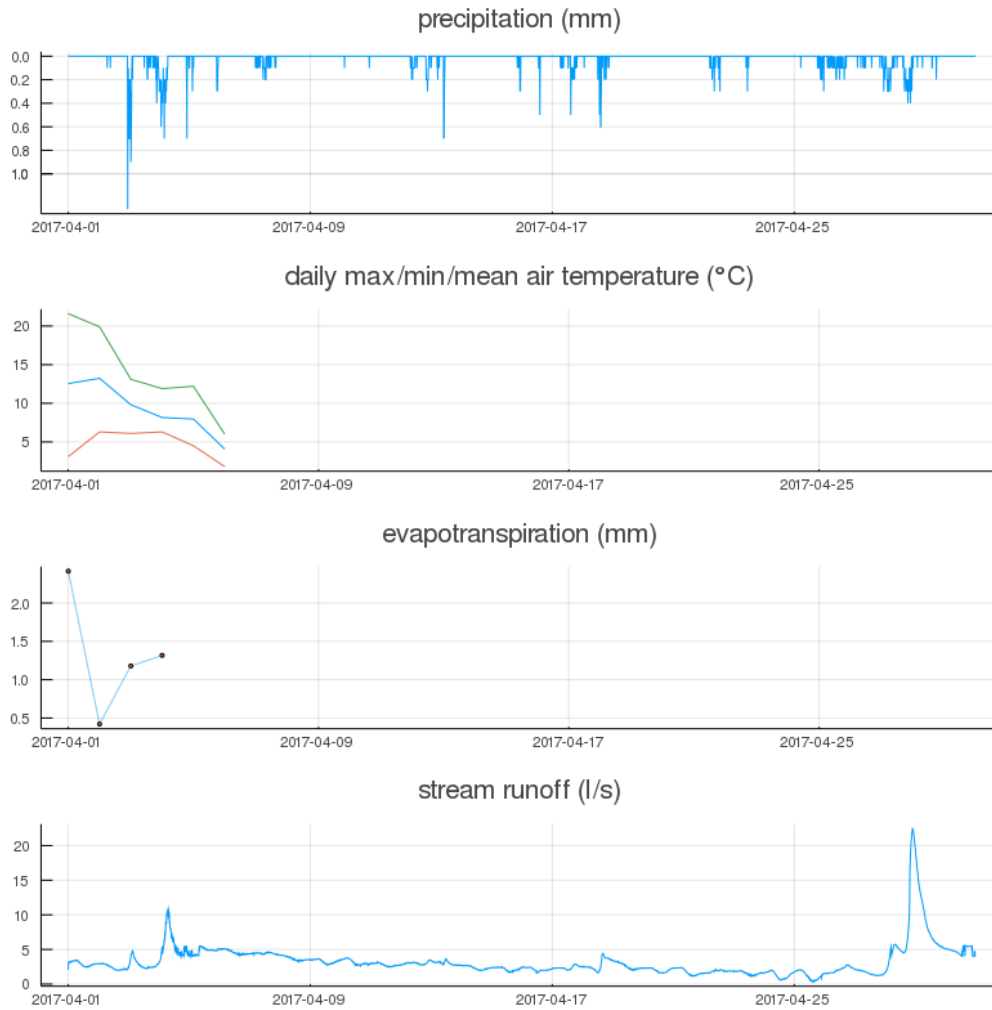
The recorded data includes precipitation, temperature, reference evapotranspiration. The average precipitation is about 0.0036 mm, the maximum precipitation is 0.5 mm. The mean temperature is 3.1 °C. The minimum and maximum temperature are -8.1 °C and 14.6 °C. The reference evapotranspiration was only recorded for a few days in the the month with the mean value of 1.11 mm. No runoff was observed.

2.3. March



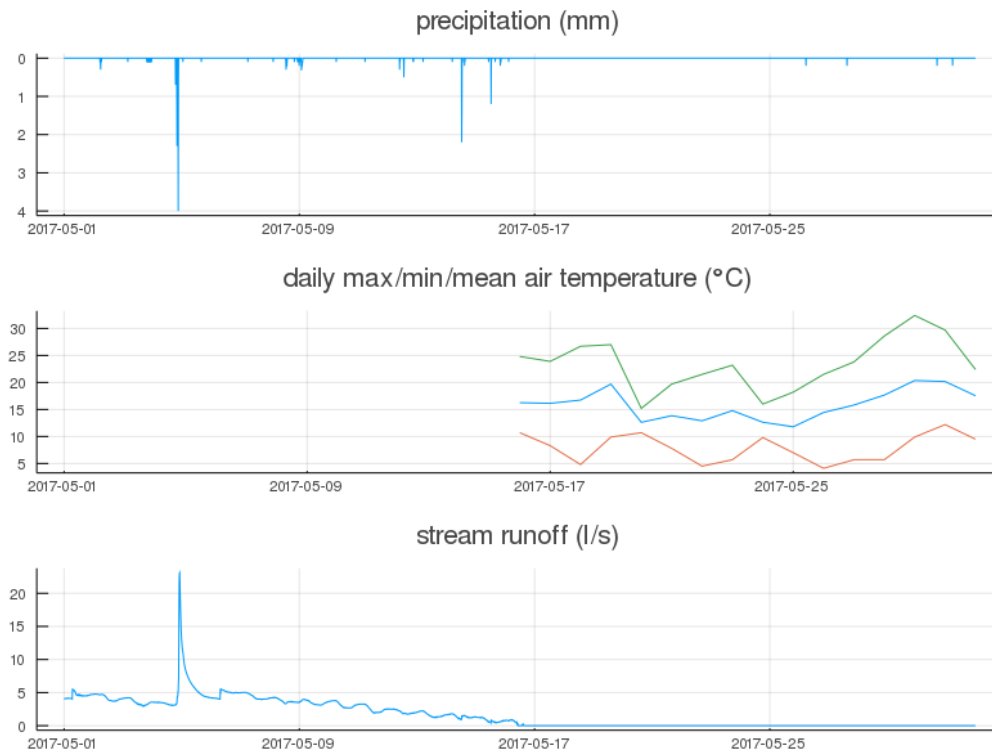
The recorded data includes precipitation, temperature, reference evapotranspiration, stream discharge at the outlet. The average precipitation is about 0.010 mm, the maximum precipitation is 1.3 mm. The mean temperature is 5.8 °C. The minimum and maximum temperature are -4.9 °C and 22.6 °C. The reference evapotranspiration was only recorded for most of the month with the mean value of 1.25 mm. Runoff was only recorded for the second half of the month. The peak flow was recorded as 13.86 l/s.

2.4. April



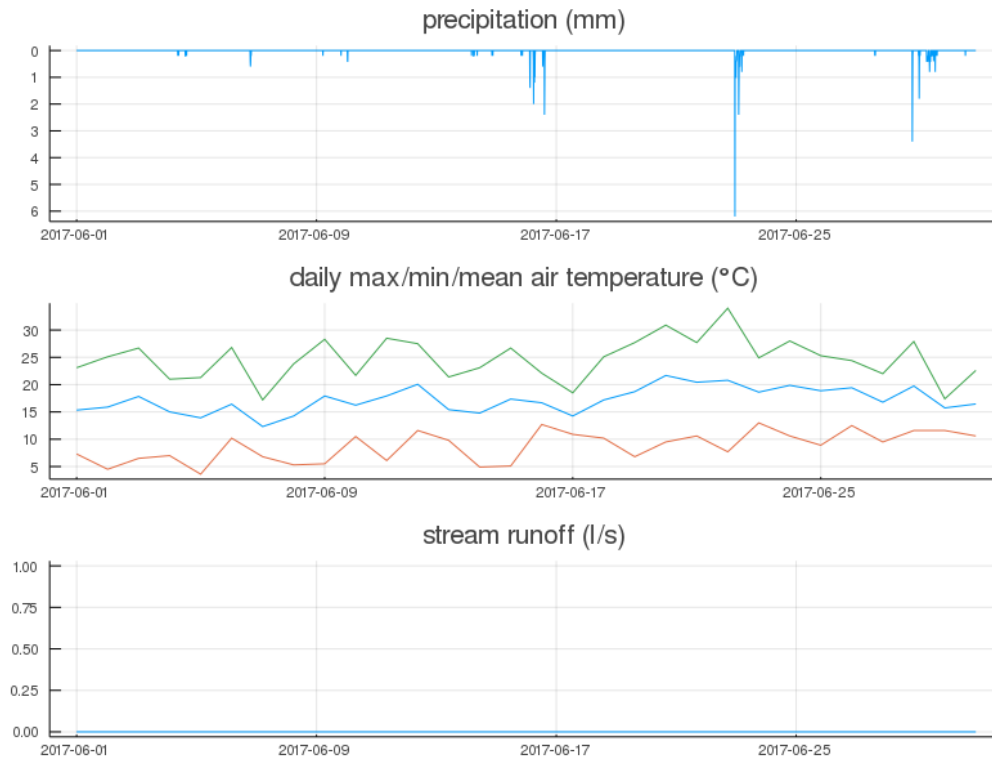
The recorded data includes precipitation, temperature, reference evapotranspiration, stream discharge at the outlet. The average precipitation is about 0.019 mm, the maximum precipitation is 1.3 mm. The mean temperature is 9.3 °C. The minimum and maximum temperature are 1.8 °C and 21.6 °C. The reference evapotranspiration was only recorded for a few days at the beginning of the month with the mean value of 1.33 mm. Some peak flows were recorded after heavy rainfall events. The highest flow rate was recorded as 22.44 l/s.

2.5. May



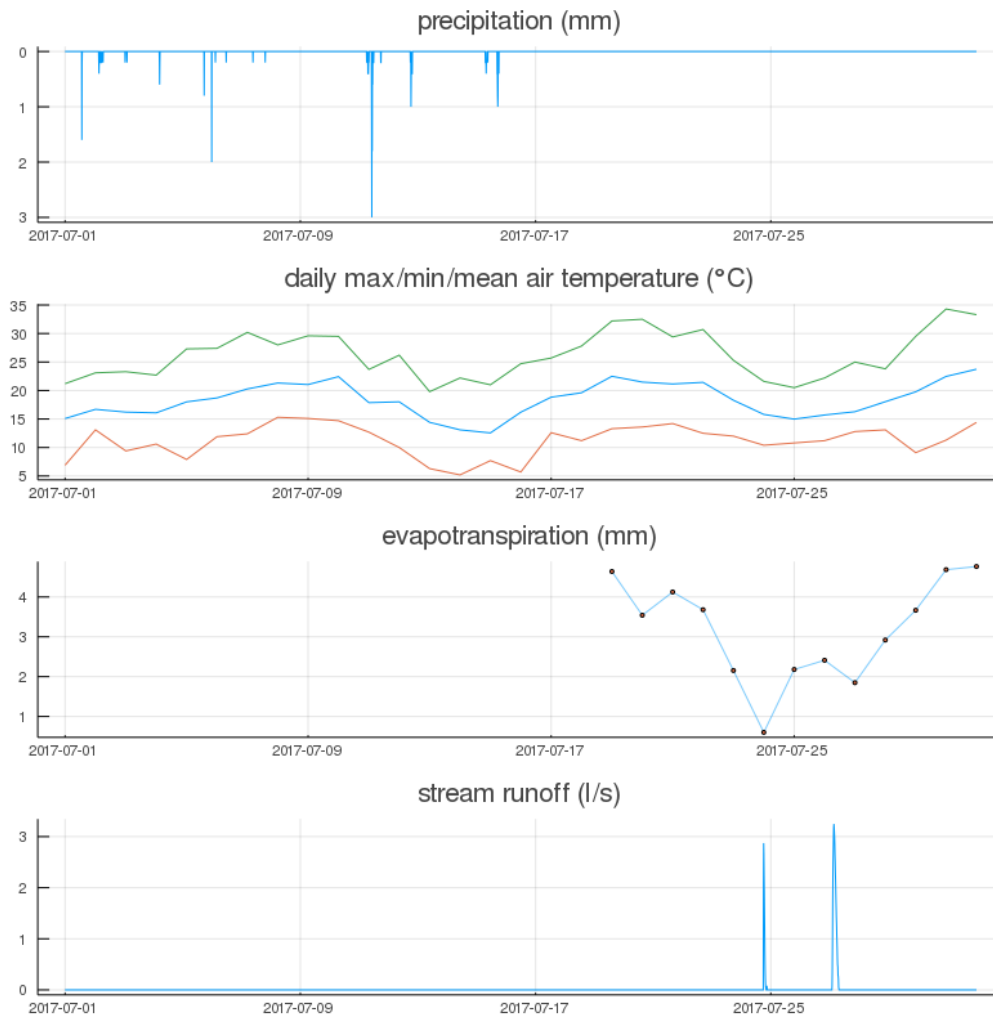
The recorded data includes precipitation, temperature, stream discharge at the outlet. The average precipitation is about 0.006 mm, the maximum precipitation is 4.0 mm. The mean temperature is 15.8 °C. The minimum and maximum temperature are 4.1 °C and 32.4 °C. A peak flow was recorded after a heavy rainfall event with the flow rate of 23.10 l/s.

2.6. June



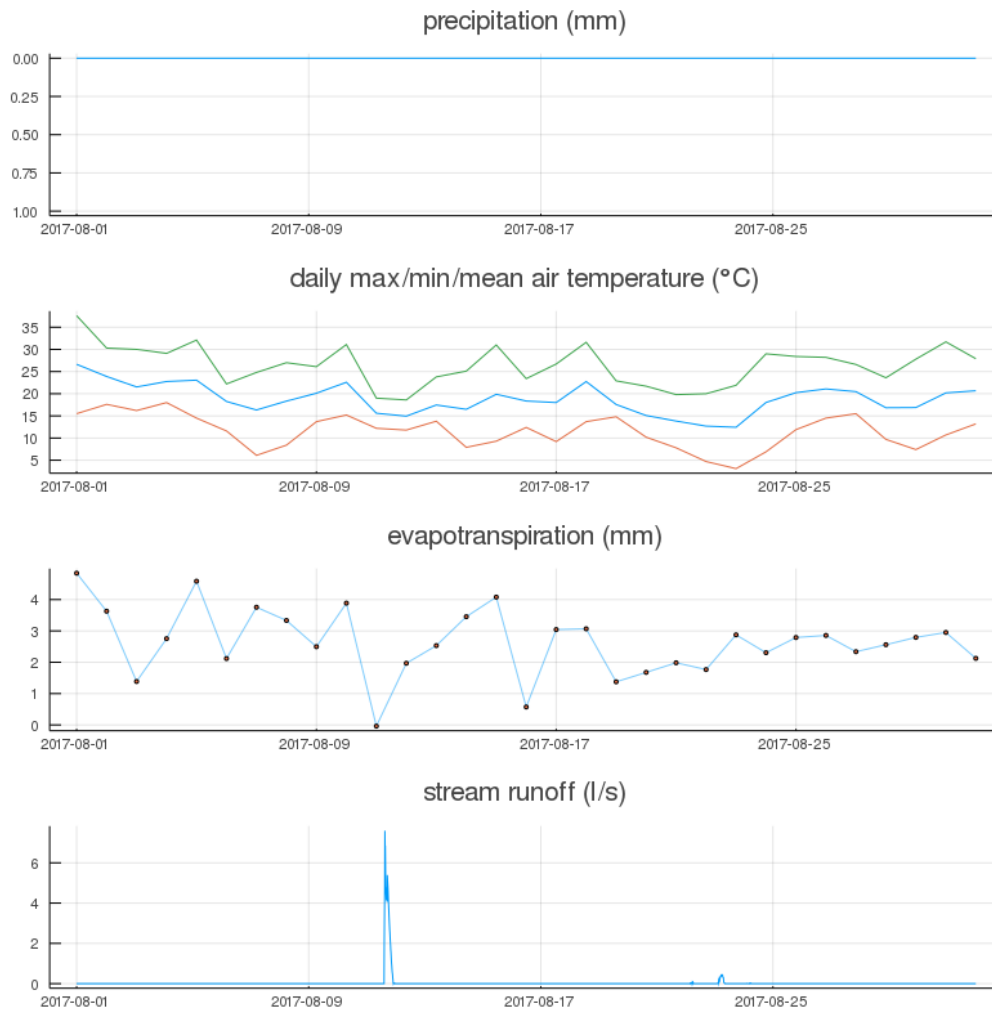
The recorded data includes precipitation and temperature. The average precipitation is about 0.012 mm, the maximum precipitation is 6.2 mm. The mean temperature is 17.2 °C. The minimum and maximum temperature are 3.6 °C and 34.0 °C. No flow was recorded (measurement errors).

2.7. July



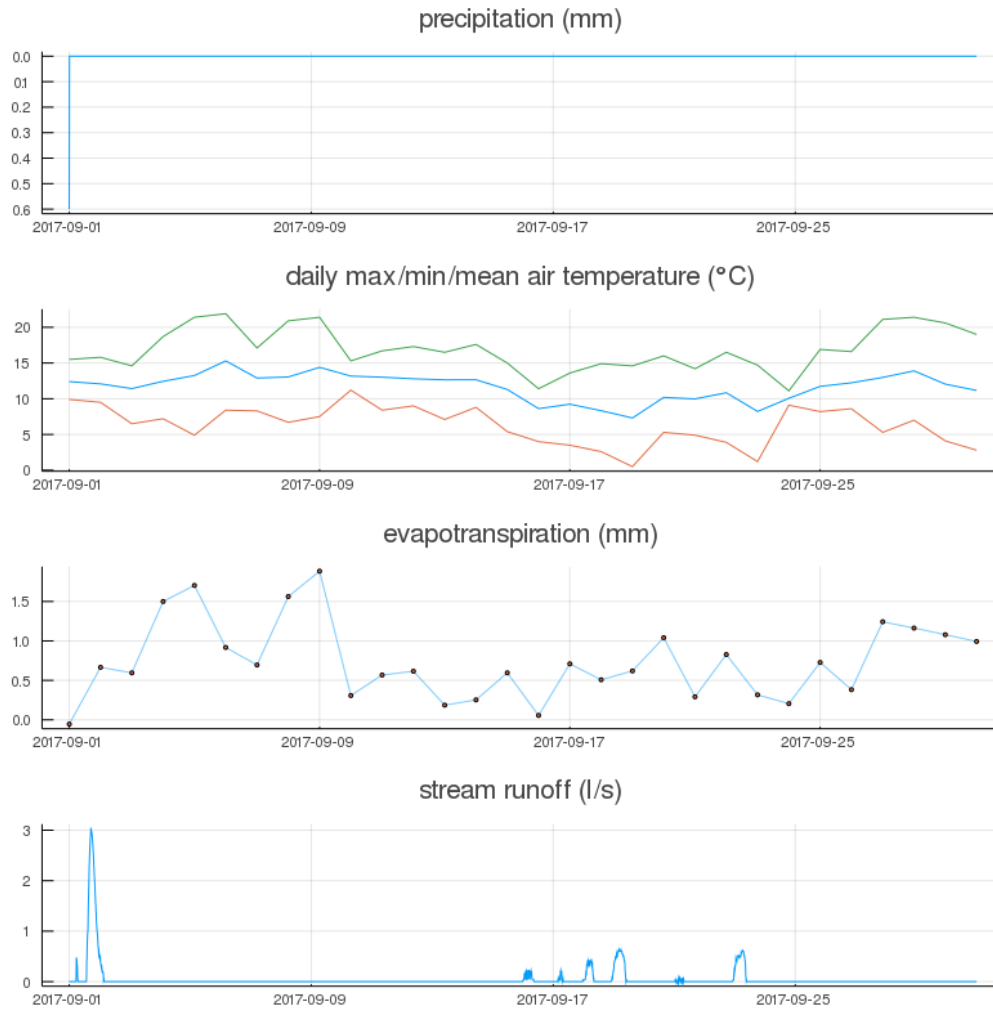
The recorded data includes precipitation, temperature, reference evapotranspiration, stream discharge at the outlet. The average precipitation is about 0.006 mm, the maximum precipitation is 3.0 mm. The mean temperature is 18.3 °C. The minimum and maximum temperature are 5.2 °C and 34.3 °C. The reference evapotranspiration was only recorded for a few days at the end of the month with the mean value of 3.17 mm. Some peak flows were recorded but no rainfall appeared before (either the measurement errors of precipitation or discharge).

2.8. August



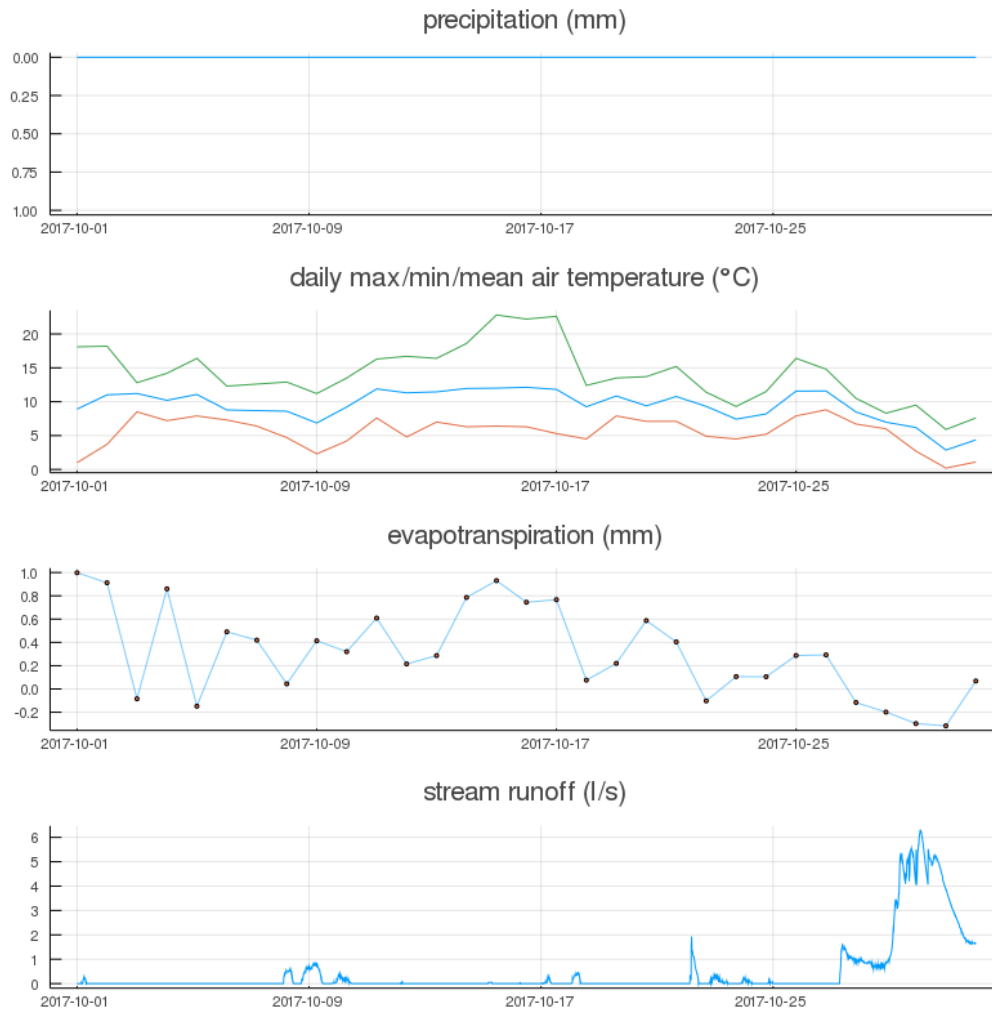
The recorded data includes temperature, reference evapotranspiration, stream discharge at the outlet. No precipitation was recorded (measurement error). The mean temperature is 18.8 °C. The minimum and maximum temperature are 3.1 °C and 37.6 °C. The reference evapotranspiration was recorded for most of the month with the mean value of 2.64 mm. One peak flow was recorded but no rainfall appeared before (either the measurement errors of precipitation or discharge).

2.9. September



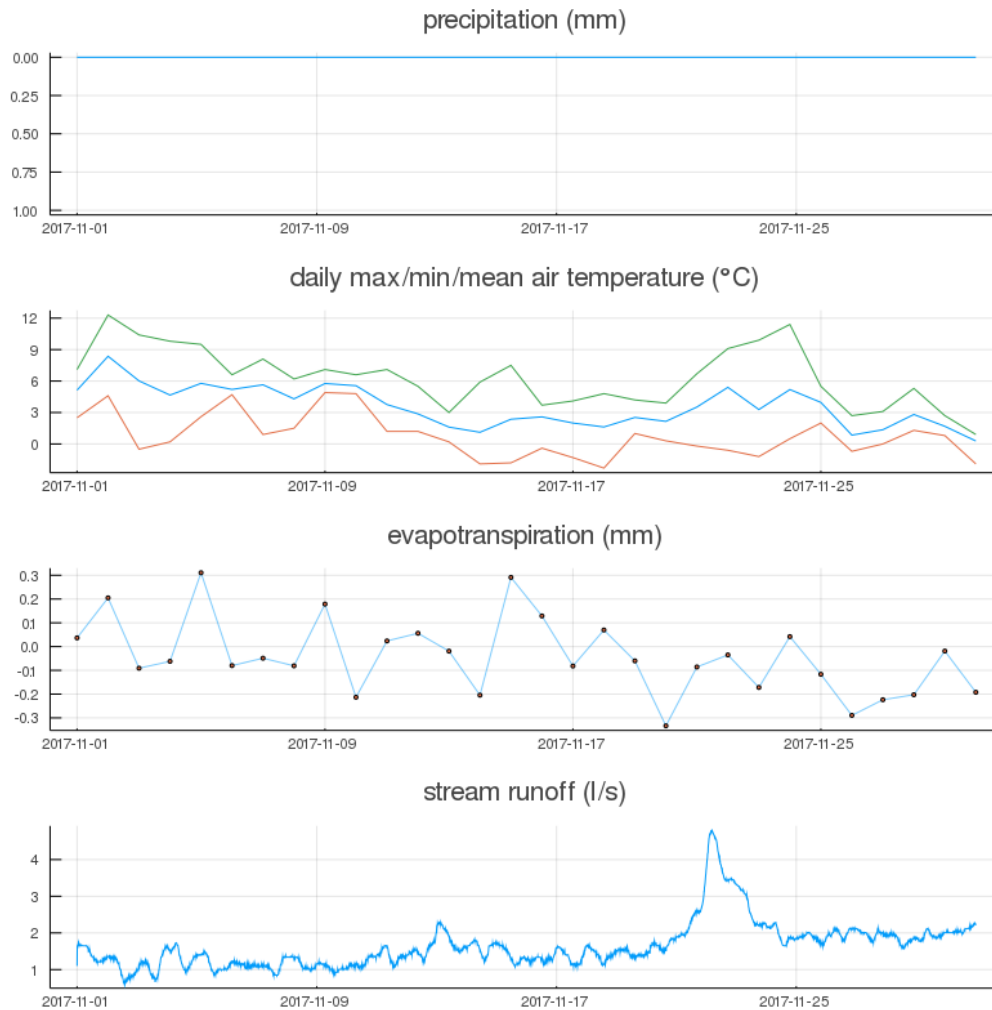
The recorded data includes precipitation, temperature, reference evapotranspiration, stream discharge at the outlet. Only one rainfall event was recorded with the value of 0.6 mm. For the rest of the month, no rainfall was observed (measurement error). The mean temperature is 11.65 °C. The minimum and maximum temperature are 0.5 °C and 21.9 °C. The reference evapotranspiration was recorded for most of the month with the mean value of 0.74 mm. Some peak flows were recorded but no rainfall appeared before (either the measurement errors of precipitation or discharge).

2.10. October



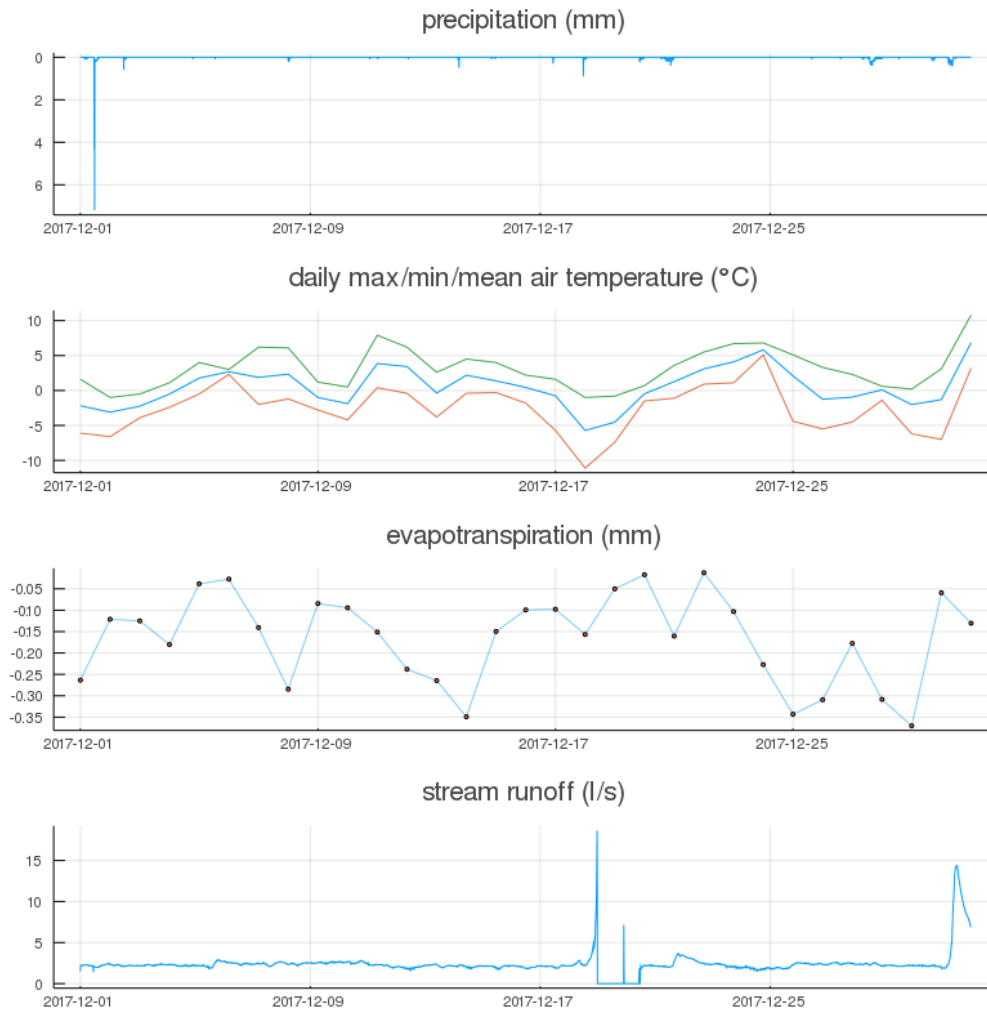
The recorded data includes temperature, reference evapotranspiration, stream discharge at the outlet. No precipitation was recorded (measurement error). The mean temperature is 9.49 °C. The minimum and maximum temperature are 0.2 °C and 22.8 °C. The reference evapotranspiration was recorded for most of the month with the mean value of 0.31 mm. One peak flow was recorded but no rainfall appeared before (either the measurement errors of precipitation or discharge).

2.11. November



The recorded data includes temperature, reference evapotranspiration, stream discharge at the outlet. No precipitation was recorded (measurement error). The mean temperature is 3.58 °C. The minimum and maximum temperature are -2.3 °C and 12.3 °C. The reference evapotranspiration was recorded for most of the month with the mean value of -0.04 mm. One peak flow was recorded but no rainfall appeared before (either the measurement errors of precipitation or discharge).

2.12. December



The recorded data includes precipitation, temperature, reference evapotranspiration, stream discharge at the outlet. The average precipitation is about 0.009 mm, the maximum precipitation is 7.2 mm. The mean temperature is 0.5 °C. The minimum and maximum temperature are -11.1 °C and 10.8 °C. The reference evapotranspiration was only for most of the month with the mean value of -0.16 mm. Some peak flows were recorded but only small amount of rainfall appeared before (either the measurement errors of precipitation or discharge).