# Title of sample document for authors preparing manuscripts for the Proceedings of Hydrology Days 2018

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**Abstract.** Trends in precipitation and streamflow at the annual, monthly and daily time scales for the last 50 years are analyzed for the semiarid .....

# 1. Introduction

An important element of current research in climate change and variability is the analysis of trends in hydroclimatic variables from instrumental records....

# 2. Methods

The trend test statistic *S* is defined as (Hirsch et al. 1993):

  (1)

where sgn(.) is the sign function.



**Figure 1.** Time series of mean annual streamflow *Q*.

# 4. Data Analysis at Annual Time Scale

Analyses at the daily time scale are most interesting for understanding the.

# 4.1. Distribution and trends in dry days

Streamflow analyses in ephemeral streams on a daily time scale are com ignored here) we have a series of length *n* (record length in years) of independent observations of daily streamflow, *xjd*, *d*=1, 365 and *j*=1, *n*. The probability of zero flow was estimated for every day *d* as:

  (2)

**4.1.2 Trends in precipitation and streamflow characteristics.** Analyses of recent trends in precipitation and streamflow in the Rio Puerco in this paper reveal several interesting features of this semiarid basin. At...

**Table 1.** Rio Puerco USGS streamflow gaging station basic information.

|  |  |  |  |
| --- | --- | --- | --- |
| Station name | Station number\* | Gage datum [m] | Area\*\* [km2] |
| Rio PuercoArroyo ChicoRio San Jose  | 08 **3340** 0008 **3405** 0008 **3435** 00 | 1813.31804.71910.9 | 108836003030 |

\* Only numbers in bold are used in this study for station identification

\*\* From USGS Water Resources Data and USGS NWIS database



**Figure 2.** Time series of mean annual streamflow *Q*.

**Appendix: Title.**

 The general equations for....

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# References

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