

Variability of onset of the rainy season in the Mantaro river basin

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Seven stations located in the Mantaro river basin were selected to this work due to they have a long time record (1965-2002). After a simple mean, the result was used to make an analysis of the variation of some specific values of accumulated precipitation (100, 200, 300, 400, 500 y 600 mm) since the first day of July because of the minimum precipitation, in the climatology analysis, is observed in June (IGP, 2005). The result shows that the year 1992, due to El Niño event, was most critical because the precipitation does not reach the 500 mm. On the other hand, El Niño 81-82 and 97-98 represented different responses.

References

IGP. 2005, Atlas Climático de Precipitación y Temperatura del Aire en la Cuenca del Río Mantaro. Fondo editorial del Concejo Nacional del Ambiente. Lima- Perú, 107 p. Personal Científico. ISBN 9972-824-13-6.