

HYDROLOGICAL PROCESS IN THE SERRA DO MAR, SÃO PAULO, BRAZIL.

FUJIEDA, M.; KUDOH, T.; MASHIMA, Y. 1993. Hydrological process in the Serra do Mar, São Paulo, Brazil. In: HYDROLOGY OF WARM HUMID REGIONS, Proceedings of the Yokohama Symposium, 1993, Yokohama. **Anais...** Yokohama: IAHS. 1993. p. 43-51 (Publ. nº 216).

RESUMO

This paper deals with some results of a watershed experiment at Cunha Forest Hydrologic Laboratory in the Serra do Mar, São Paulo, Brazil. Stream gauging from small forested watersheds covered with the Mata Atlantica commenced in 1982. Measurement of crown interception and surface runoff from a hillslope were also conducted to quantify individual components of hydrological processes. Streamflow as well as crown interception and surface runoff data were analyzed to better understand the hydrological processes and the effect of forest cover on these processes in headwater areas.