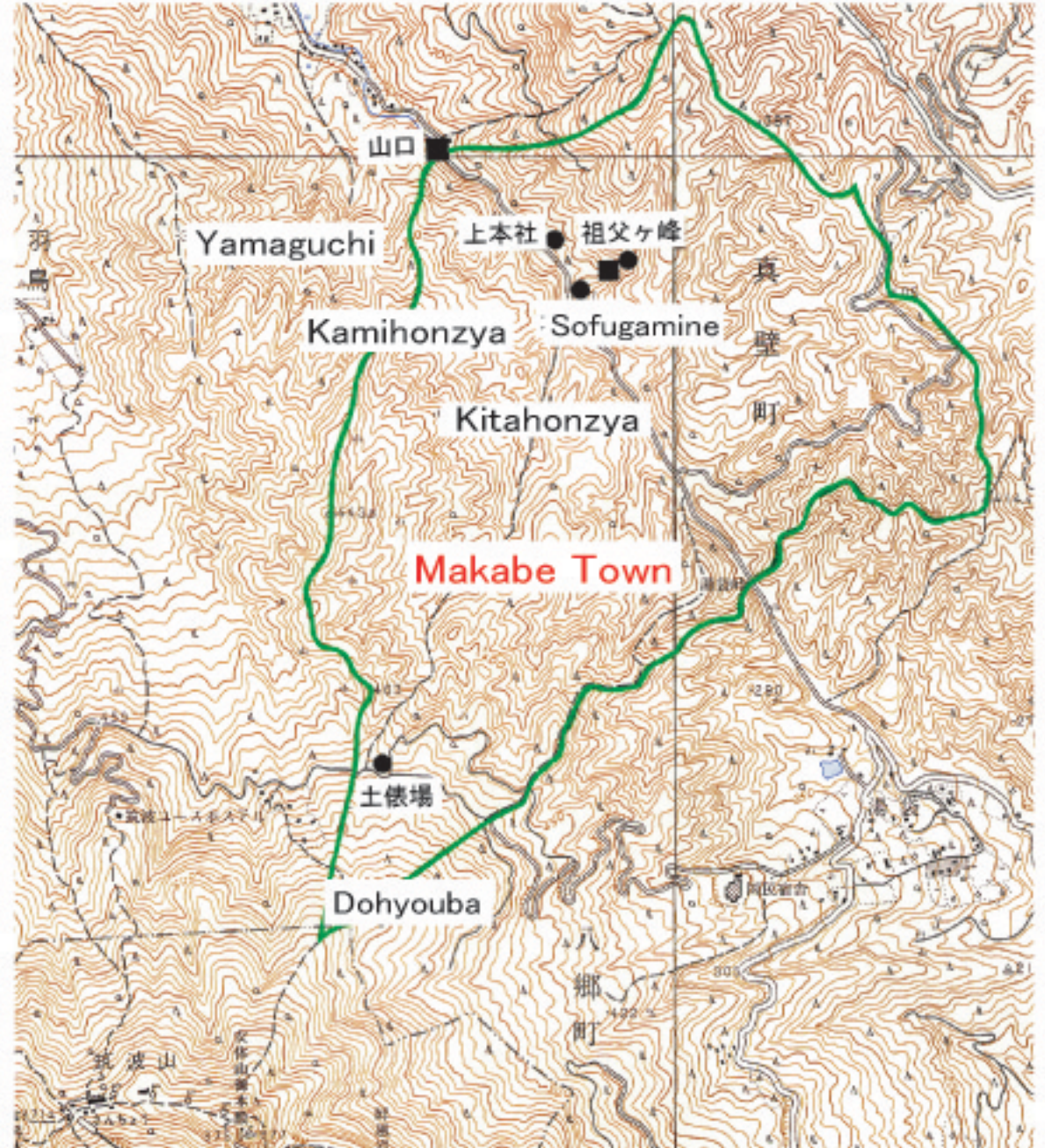


【Map】



【Yamaguchi River Basin Data】

○Location...Makabe Town, Makabe County, Ibaraki Prefecture

Yamaguchi River, Tributary of Sakura River, Tone River System

○Basin Area...3.12km²

○Mean Gradient of the Basin...25° (The Contour Line Extension Method)

○Elevation of the Basin...Highest: 620m (Midslope of Mt. Tsukuba)

Lowest: 142m (Yamaguchi Hydrometric Station)

○Yamaguchi River Length...2.4km (Mean Gradient: 1/13)



Ura-Tsukuba Experimental Basin YAMAGUCHI River Observatory

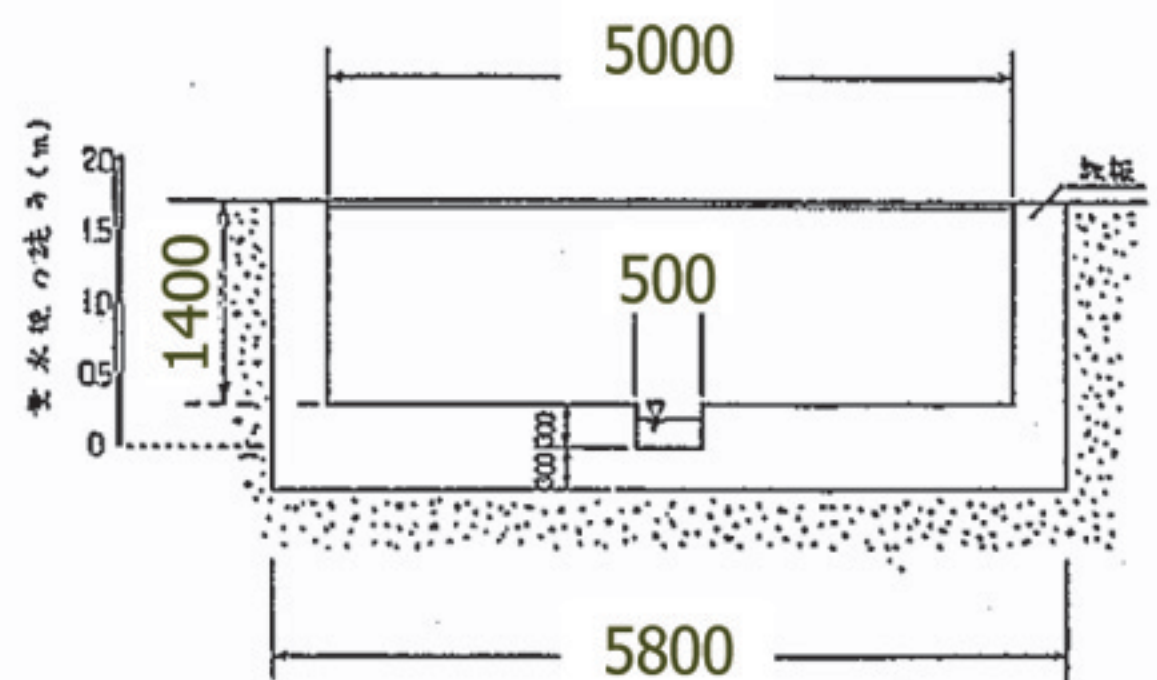
【Outline】

As a part of the UNESCO-IHD programme, this station was established in 1969 by PWRI, the ministry of construction, to observe the discharges.

Primarily, we now observe precipitations and discharges. Earlier time we observed soil suction forces, ground water and quality of water, so we have many kinds of observed data.

These observations are used for researches of global climate change and flood prevention.

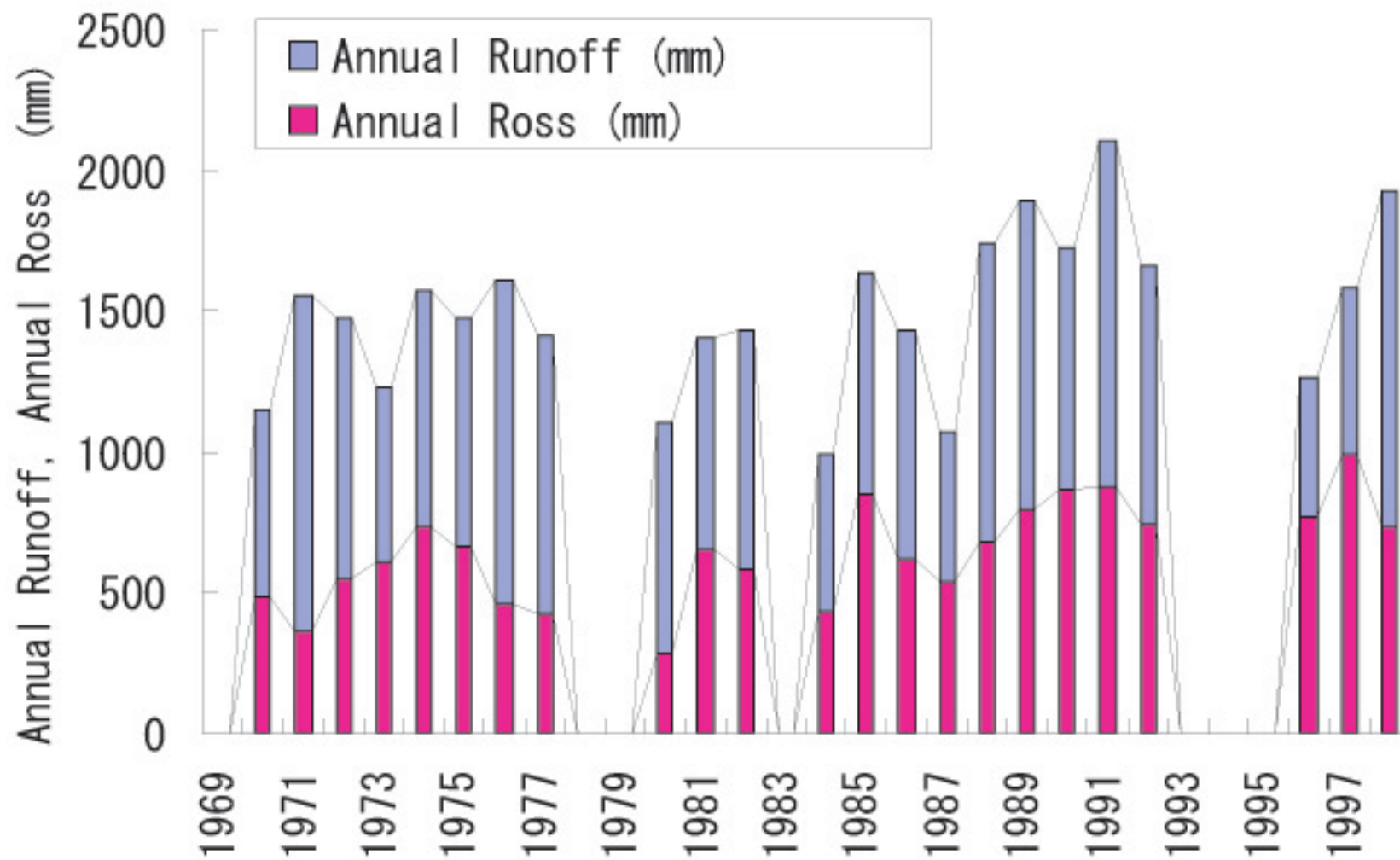
【Shape of the Dam】



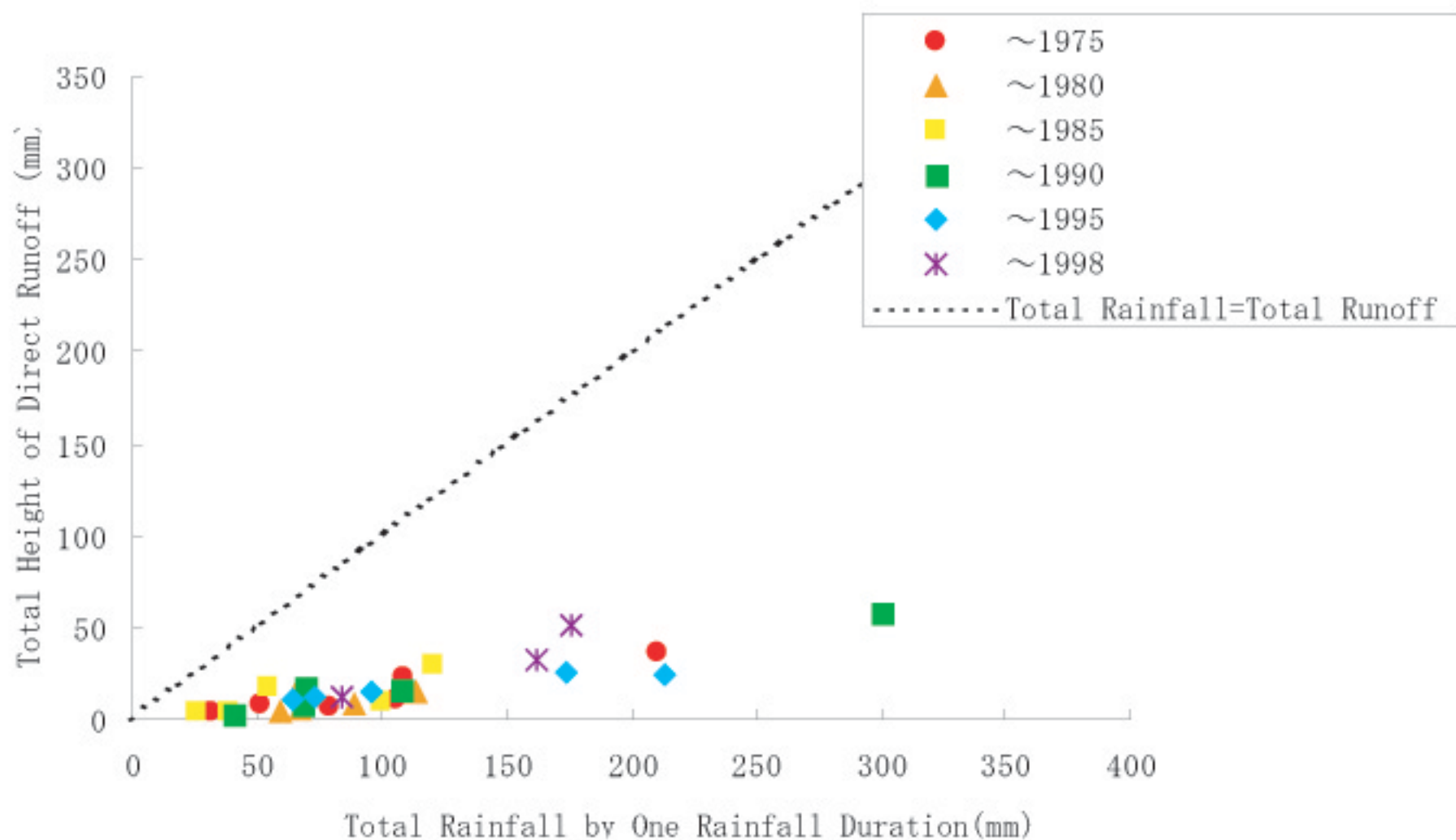


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【Annual Water Balance】



【Relation between Total Rainfall by One Rainfall Duration and Total Height of Direct Runoff】





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【Past Flood Examples】

