

# **Soil moisture condition in dry evergreen forest at**

## **Sakaerat Environmental Research Station.**

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### **ABSTRACT**

Soil moisture content at Sakaerat Dry-Evergreen Forest and adjacent Clearing Area was observed by a neutron probe of Troxler Electrical Laboratories at the surface and at the level of 30, 45, 60, 90 and 120 cm. From the surface in each week for one year from June 17, 1968 to June 15, 1969 the result show that the average moisture content in dry-evergreen forest is 29.16 cm. And in clearing area is 29.45 cm. The maximum moisture in dry-evergreen forest is on July and November in clearing area. The minimum moisture of both soil area in February.

The moisture content between the level 10-30, 30-45 and 45-60 in dry-evergreen forest are more than clearing area, but range 60-90 and 90-120 cm. Dry-evergreen forest is less than clearing area. The fluctuation in variation depth is maximum in 0-30 cm. It is nearly constant in 30-45 and 45-60 cm. At the level 60-90 and 90-120 cm. The moisture content increase very high. About the water holding capacity dry-evergreen forest is better than clearing area.