

WATER LOSS BY EVAPORATION FROM FREE WATER SURFACE

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Evaporation from free water surface is one of the important factors affecting the total water balance of a catchment. Since direct measurement of evaporation is complicated, evaporation is in practice often calculated using formulas based on common meteorological variables. The paper introduces of evaporation from free water surface on the total runoff from the Lužnice river basin, which is characterised by many ponds. Also, the effect of breeding ponds that may, under certain conditions considerably contribute to hydrological drought is demonstrated.