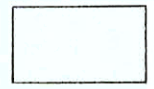


MAP OF TACOMA AREA, WASHINGTON, SHOWING WHERE SURFACE-WATER DATA HAVE BEEN COLLECTED

EXPLANATION

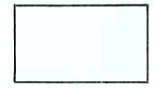
In order of relative productivity



Aquifers, chiefly outwash sand and gravel of Vashon age and overlying coarse alluvium of Recent age. Generally yield moderate to large quantities of water



Aquifers, chiefly sand and gravel of pre-Vashon age. Generally yield small to moderate supplies, but at places large yields have been obtained. Aquifers overlain at most places by deposits of Vashon or Recent age, which generally yield small quantities of perched or semiperched ground water

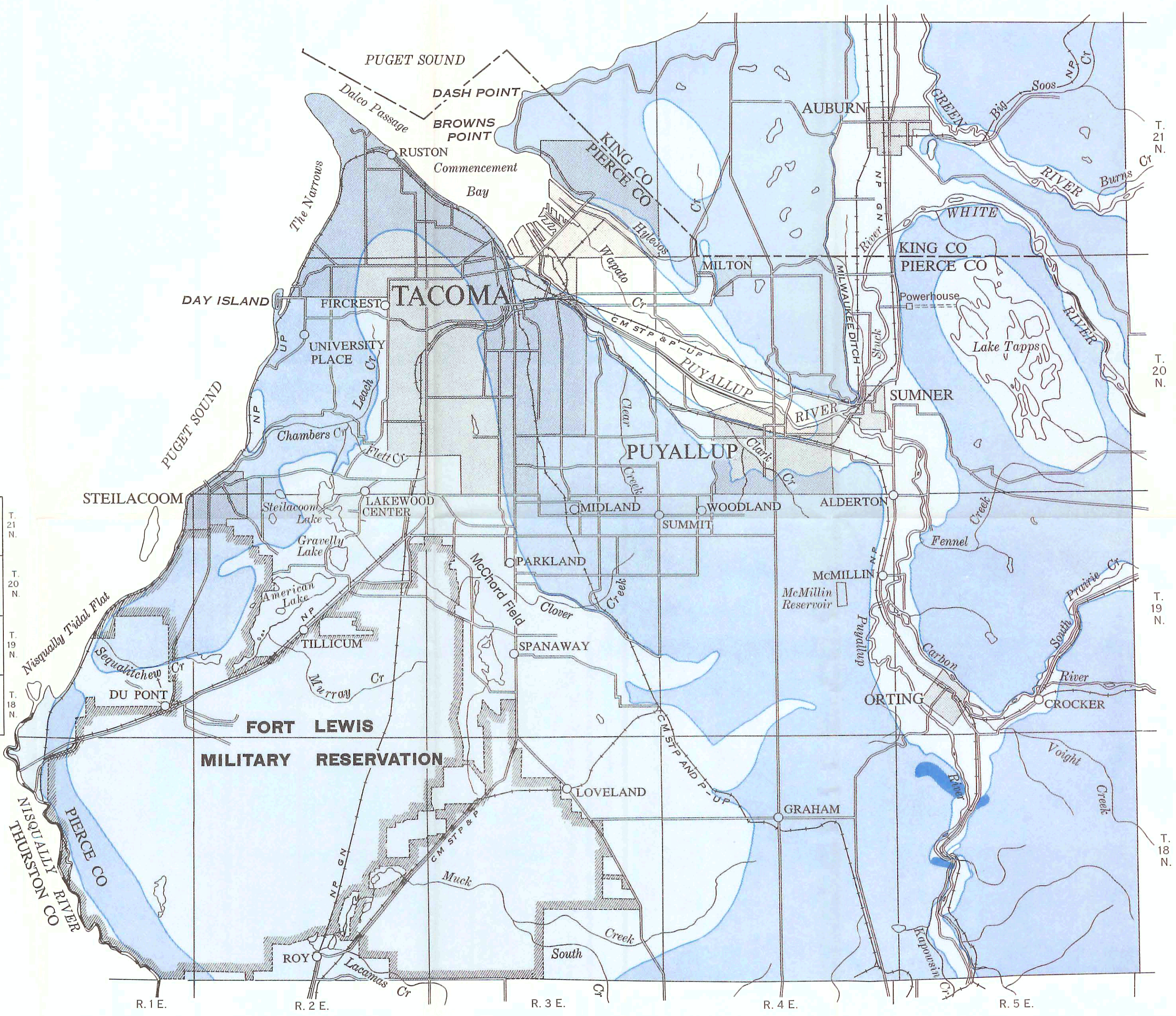
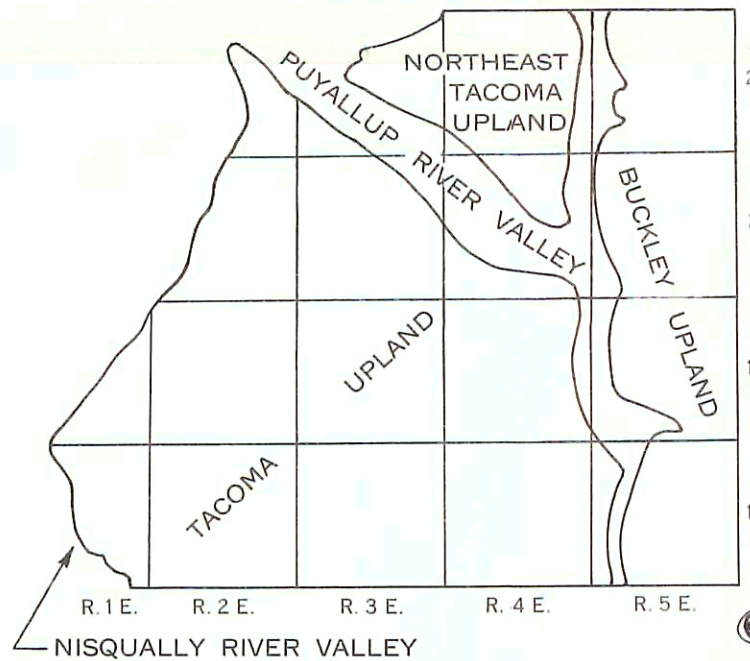


Areas of 200 feet or more of alluvium of Recent age, chiefly fine-grained, which at places yields small to moderate supplies of water. The alluvium is underlain at places by outwash sand and gravel; where deposits of Vashon age are missing, the alluvium rests upon pre-Vashon deposits

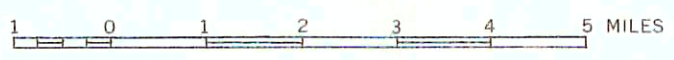


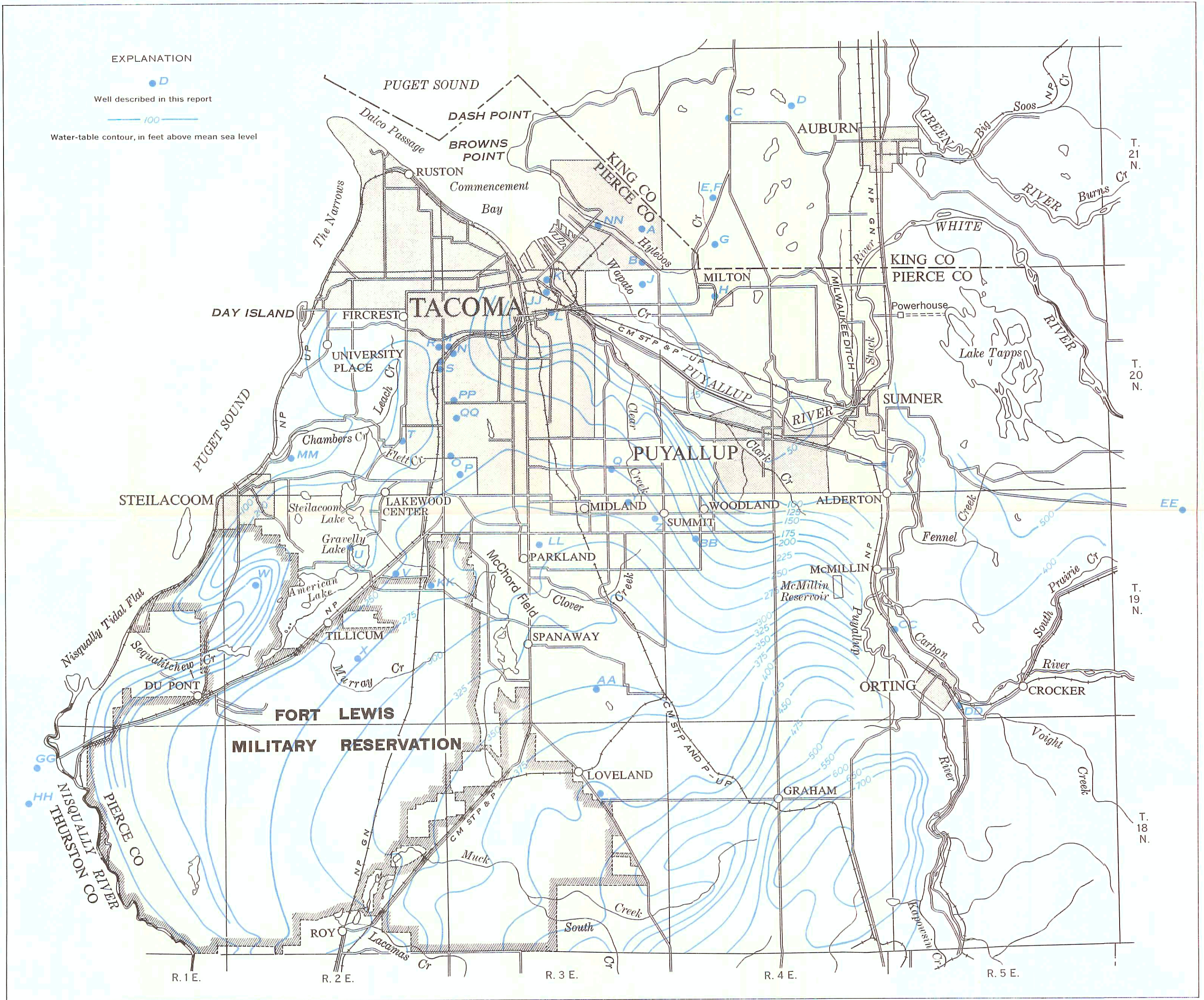
Areas underlain at shallow depth by consolidated sedimentary rocks or volcanic rocks that yield little or no ground water

SUBAREAS OF THE TACOMA AREA



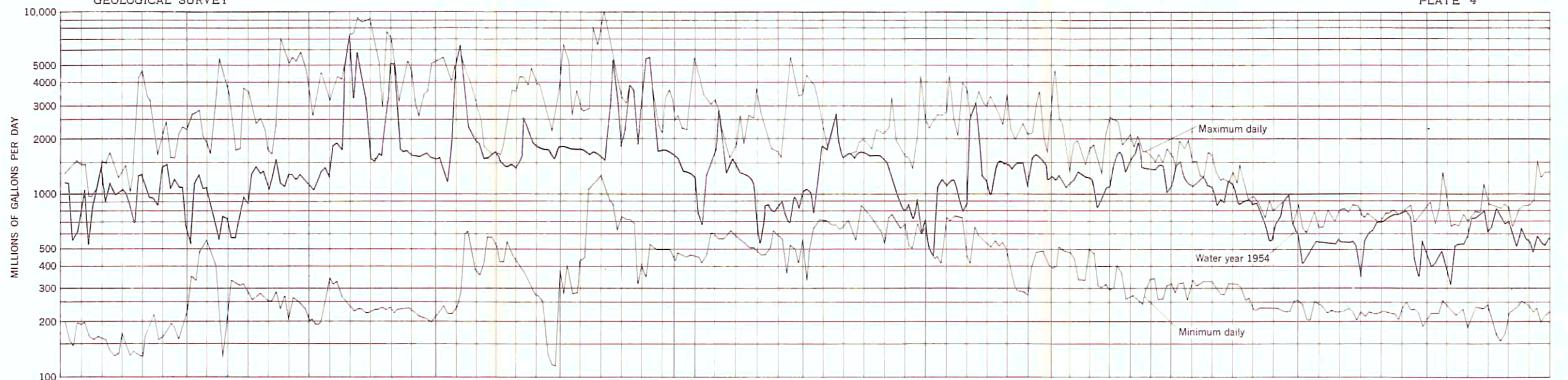
AQUIFER MAP OF THE TACOMA AREA



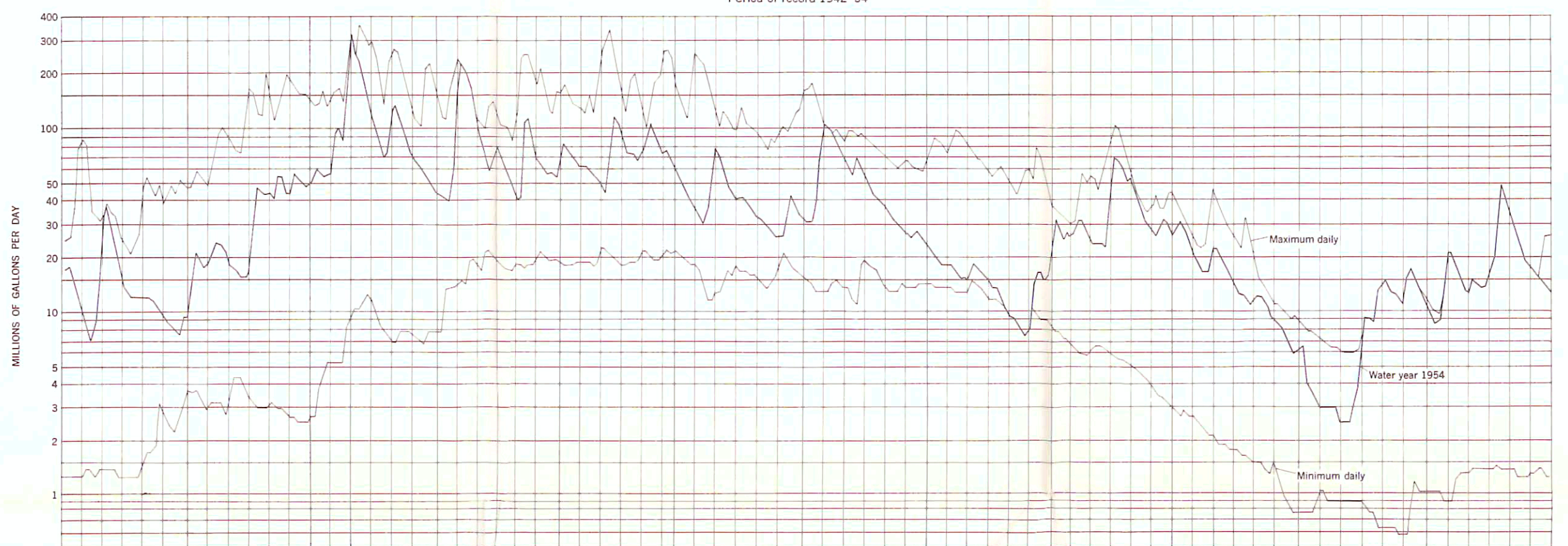


WATER-TABLE CONTOURS AND SELECTED OBSERVATION WELLS IN THE TACOMA AREA

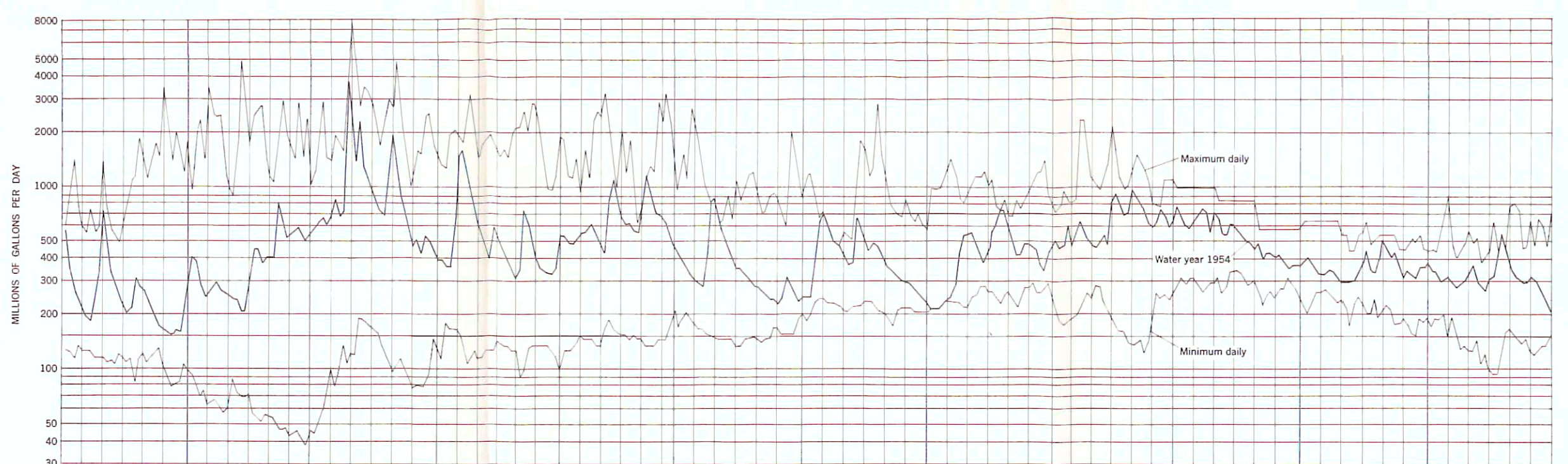
1 0 1 2 3 4 5 MILES



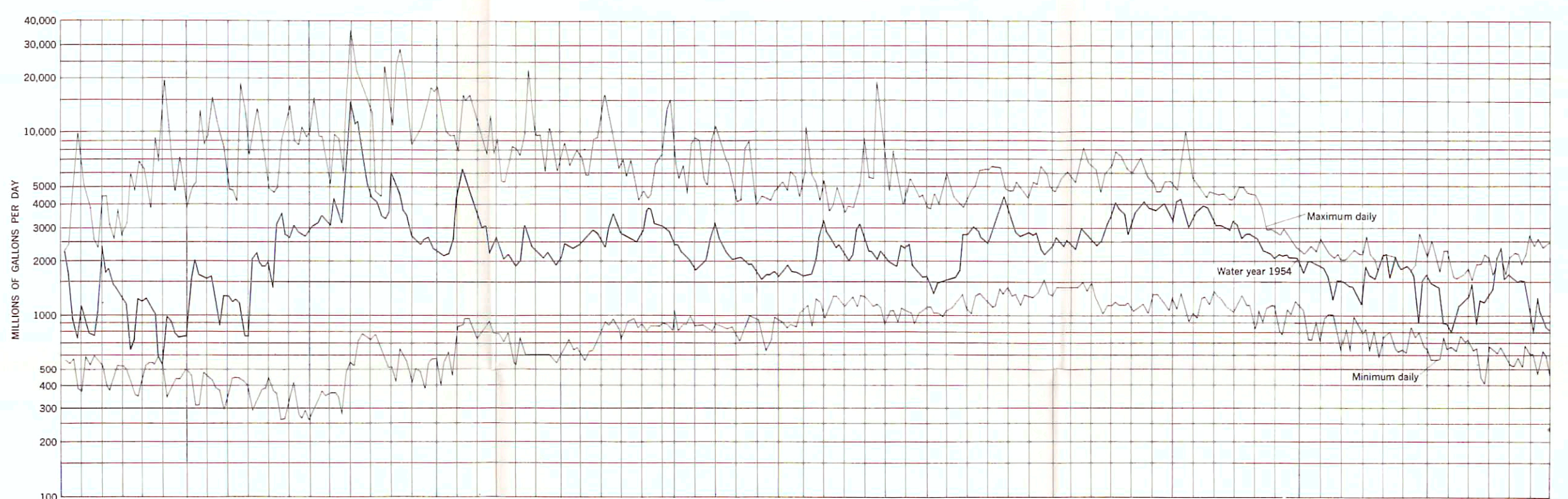
NISQUALLY RIVER NEAR MC KENNA  
Flow in the Yelm Irrigation District Canal is not included  
Period of record 1942-54



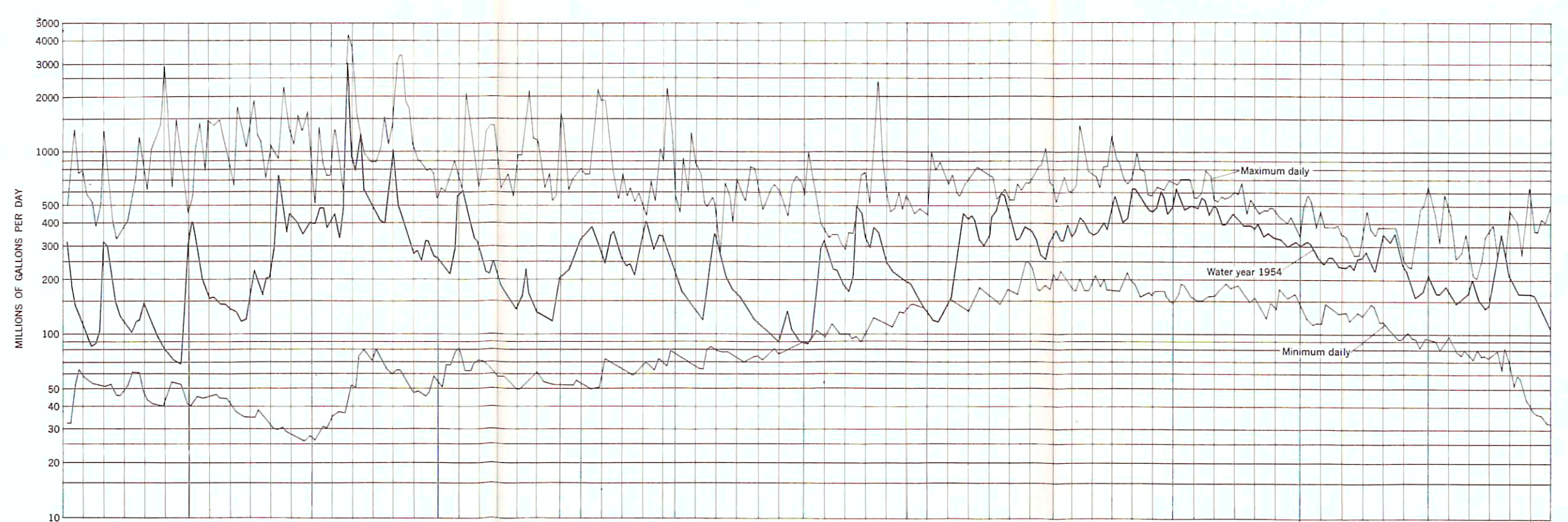
KAPOWSIN CREEK NEAR KAPOWSIN  
Period of record water years 1928-32 and 1942-54



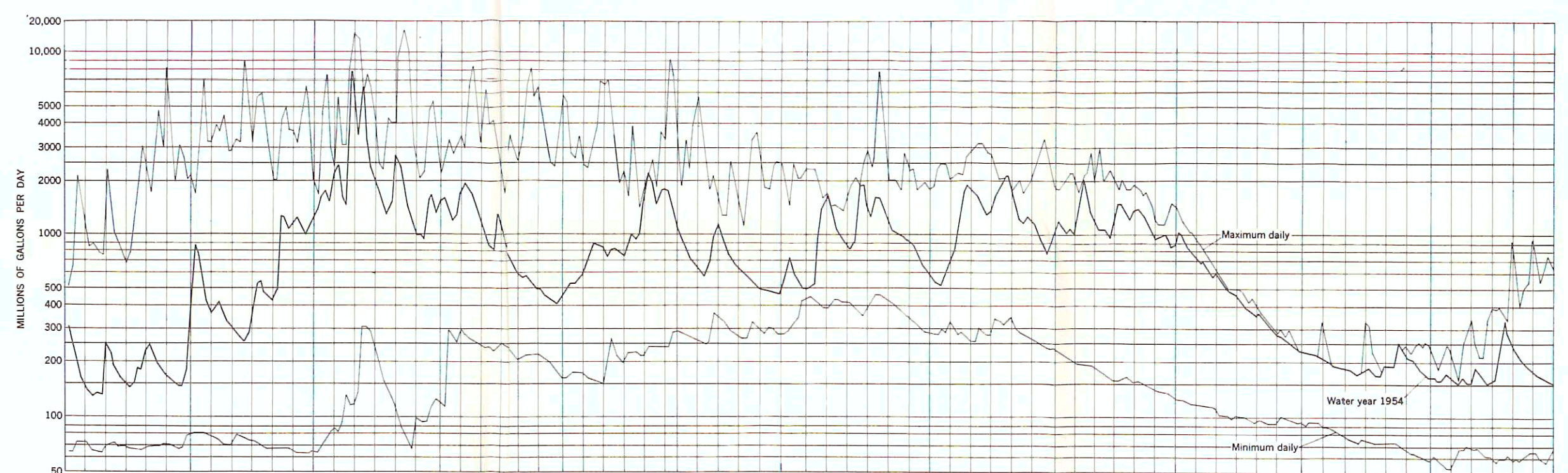
PUYALLUP RIVER NEAR ORTING  
Period of record water years 1932-54



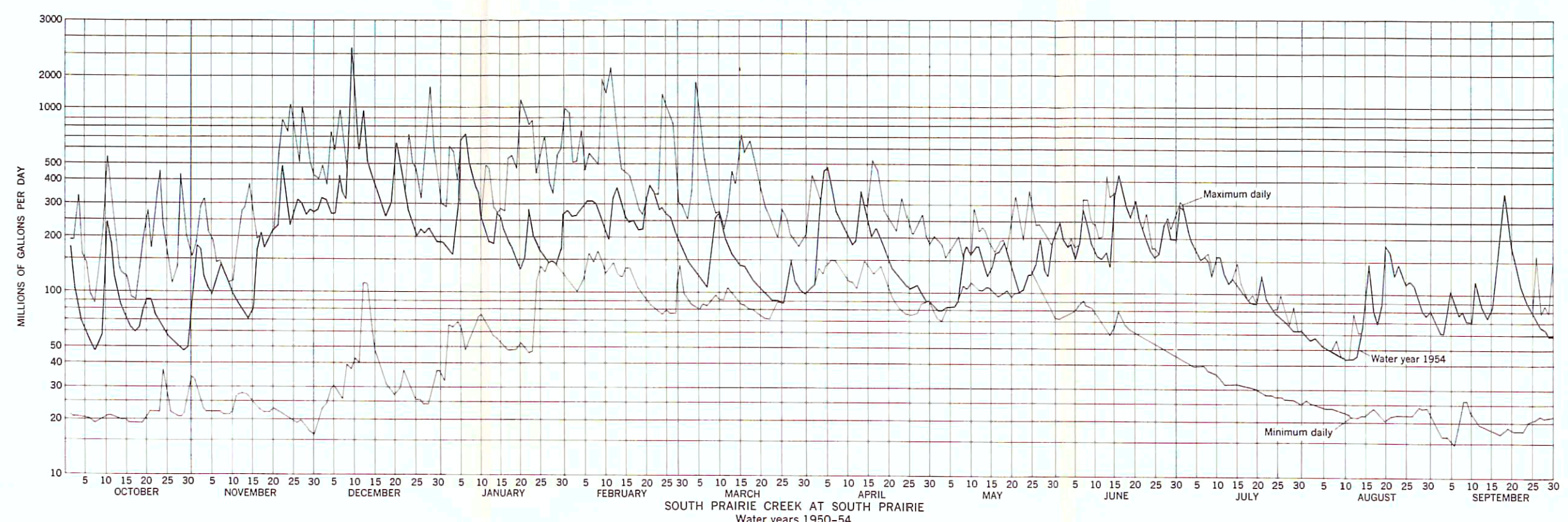
PUYALLUP RIVER AT PUYALLUP  
Water years 1915-54



CARBON RIVER NEAR FAIRFAX  
Water years 1930-54



GREEN RIVER NEAR PALMER  
Water years 1932-54



SOUTH PRAIRIE CREEK AT SOUTH PRAIRIE  
Water years 1950-54

HYDROGRAPHS OF MAXIMUM AND MINIMUM DAILY DISCHARGE, AND DAILY DISCHARGE  
DURING WATER YEAR 1954, FOR SELECTED STREAMS