

Figure 1
Republican River Basin - Acres Irrigated by Groundwater Pumping

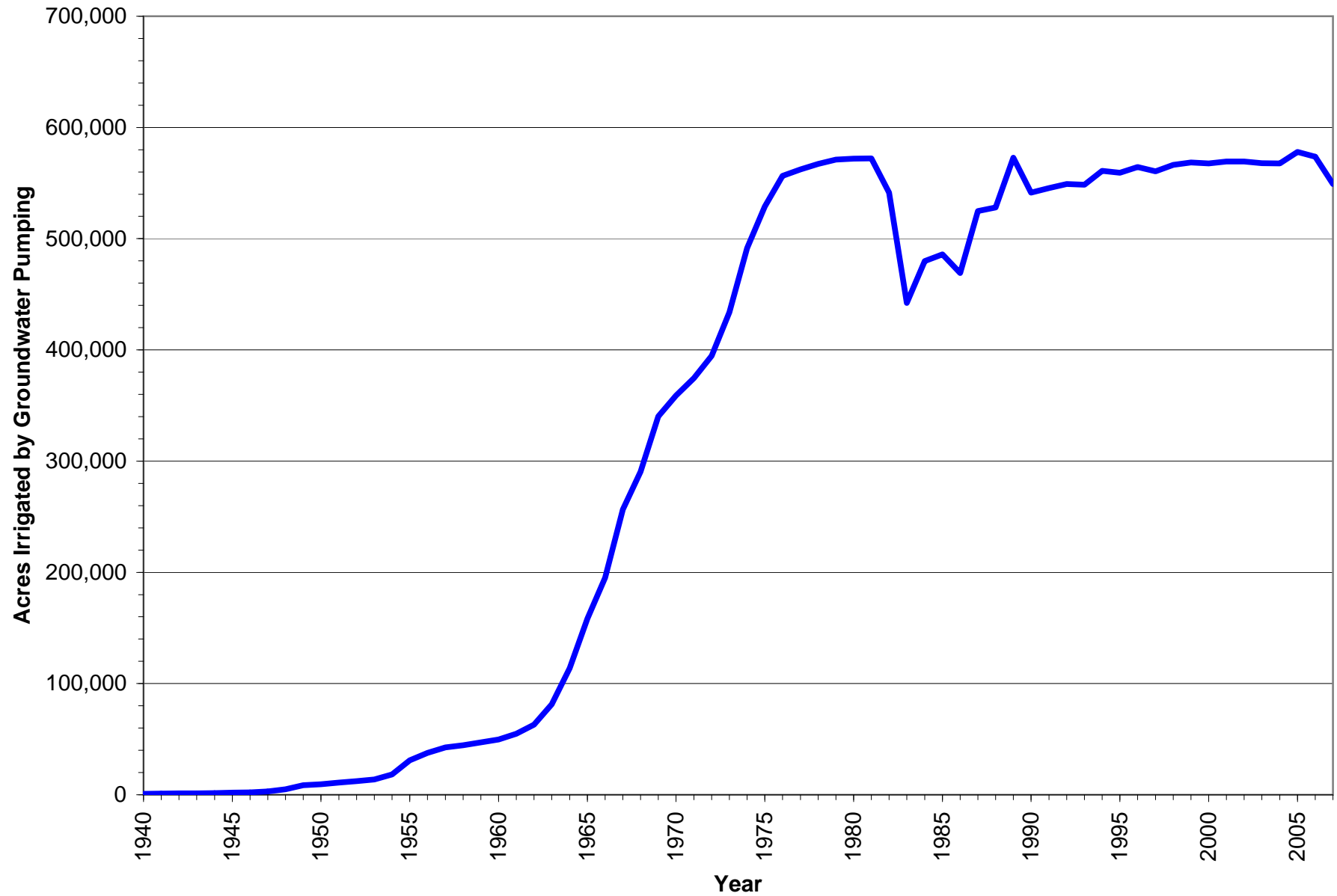
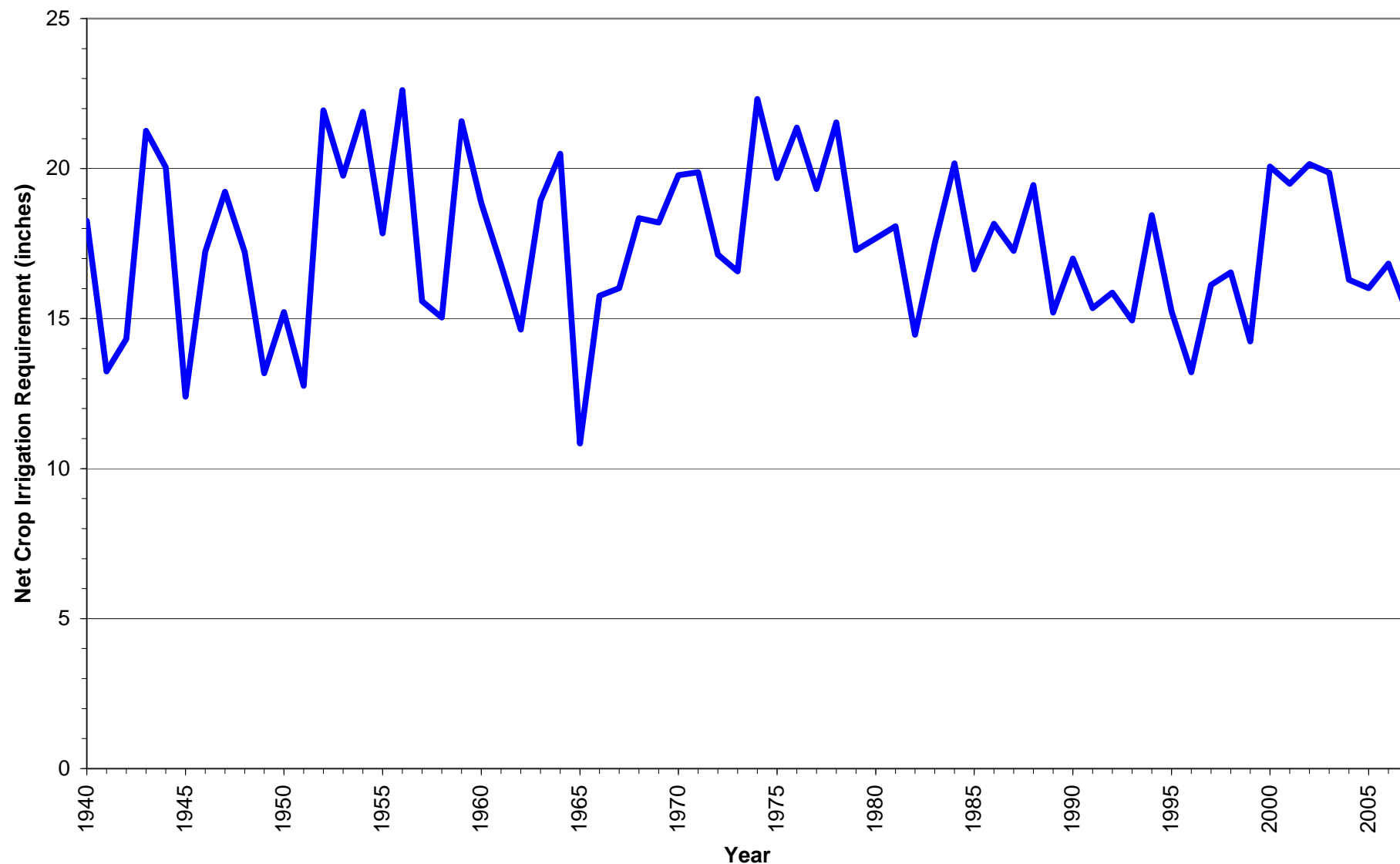


Figure 2
Republican River Basin - Annual Crop Irrigation Requirement in Colorado



Crop Irrigation Requirement = Potential Crop Consumptive Use - Effective Precipitation. Includes a reduction in calculated crop irrigation requirement of 2 inches per year to account for Gain in Soil Moisture from Winter and Spring Precipitation. Annual variation is due to changes in climate conditions and changes in crop mix. Values shown is the weighted average for the basin.

Figure 3
Republican River Basin - Total Agricultural Pumping

