



Figure 1. Water Balance (Island of Mauritius)

The water balance of Mauritius Island, shown in Figure 1, illustrates rainfall fluctuations occurred in the recent years. Surface runoffs far exceeded evapotranspiration in the composition of the water balance. Both runoffs and evapotranspiration lower the net recharge to groundwater, which is also influenced by fluctuations in mean annual rainfall. Climate change plays an important role in determining water balance shares, since higher temperatures increase evapotranspiration and negatively impact on groundwater recharge.