

Table 3 provides an estimate of the distribution of water requirements by major water use sector for the entire Orange-Senqu River basin. As can be seen from these data, irrigation is by far the single largest user of water in the basin. River losses describes the estimated volume of water lost to evaporation from the river channel. This high percentage is due to the generally high rate of evaporation experienced in many parts of the basin (exceeding 2 000m/yr in some places; UNDP/GEF 2008).

Sector	Total water use (%)
Irrigation	58
Urban, industrial and mining	4
River losses	27
Distribution losses	2
Environmental Requirements	9

Source: UNDP/GEF 2008

While these are approximate annual requirements, there is significant monthly variation in flow, distribution and requirements from the different sectors with in the basin (ORASECOM 2007f).

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