

SKA phase 1 water requirement

According to the CSIR Integrated Management Plan water requirements during peak construction of SKA phase 1 will be an astonishing 698 kilolitres per day. This exceeds the average agricultural daily water requirement in the surrounding area by several fold, depending on the season, and on comparable sized land. The Central Karoo is a semi-desert, and a fragile balance exists between the level of the water table and the sustainability of life, flora and fauna. The table below is found in the CSIR's Final Integrated Management Plan, IEMP, on page 65 of the document.

Table 2-7: Maximum daily Water Demand for the construction phase of SKA1_MID

Location/Activity	Maximum daily demand in kilolitres
SKA site complex	10
Meysdam Farmhouse	3
Losberg Camp	65
Swartfontein Camp	20
Bergsig Camp	20
Road construction and road maintenance	120
Concrete Works	240
Construction Dust Control	100
Road Maintenance	120