

BARBERSPAN DAM

COORDINATES (degrees, minutes, seconds)

| LATITUDE | LONGITUDE |
|---------------|---------------|
| 26° 34' 03" E | 25° 35' 56" S |

LOCATION

Barberspan Dam on the Harts River is located near the towns of Sannieshof and Delareyville in the Lower Vaal Water Management Area, South Africa.

DESCRIPTION

Barberspan is really a pan more than a dam and is about 11 km long and about 3.5 km wide. It has a full supply level of 1,492.5 m. The dead storage level and bottom of the reservoir are at 1,490 m.

PURPOSE

It is environmentally important and is a Ramsar site. The area contains up to 320 species of bird.

PHYSICAL INFORMATION

| Dam name | River | Quaternary catchment | FSC* (million m ³) | FSA (km ²) | Owner | DWA code | Wall height (m) | Wall length (m) |
|------------|-------|----------------------|--------------------------------|------------------------|---------|----------|-----------------|-----------------|
| Barberspan | Harts | C31B | 30.40 | 16.00 | Unknown | C3R003 | Unknown | Unknown |

* Live full supply capacity (ORASECOM, 2007a, WRYM datasets and DWA, 1990)



AREA-CAPACITY RELATIONSHIP

| Elevation (m) | Storage (million m ³) | Surface area (km ²) |
|---------------|-----------------------------------|---------------------------------|
| 1,492.5 | 30.40 | 16.00 |
| 1,492.0 | 20.00 | 10.60 |
| 1,491.5 | 10.00 | 5.80 |
| 1,491.0 | 5.00 | 3.10 |
| 1,490.5 | 1.00 | 0.70 |
| 1,490.0 | 0.00 | 0.00 |