



## Site Description

### Moapa Valley

(updated 2010)

#### Geologic setting:

#### Geothermal features:

**Moapa Warm Springs:** Warm springs and wells 10 km northwest of Moapa, at the head of the Muddy River ([figure](#)), have reported temperatures averaging 32°C. Peterson Spring and two others measured 32.2 °C, Iverson Spring measured 31.6 °C, Lewis Well measured 23.7 °C, and Woodruff and Perkins Well measured 27.5°C (Reed and others, 1982, p. 38). Mariner estimated the reservoir temperature to be 47°C (Mariner and others, 1982, p. 47). Spring water issues from alluvium but probably travelled through Paleozoic carbonate rocks, which crop out nearby. Preliminary analysis of long-term discharge variations suggests a 15- to 20-year lag in response to recharge from precipitation (Eakin and Moore, 1964). The water at Iverson's Warm Springs has been used for irrigation and bathing (Eakin, 1964).

#### Leasing information: