

Description of Home

This passively heated solar home was designed and constructed during the 80's solar revolution that was at its peak during the Carter Administration. The design was aided by running a multitude of scenarios through the M.I.T. computer. This 1700 sq ft 2 bedroom, 2 bath home has a southerly orientation that heats the bedrooms with two trombe walls. The north half of the home is bermed in for added insulation, and gets its solar heat gain from a wall of windows on the east side as well as clerestory windows that heat the northern wall. Hot water is solar as well, though this is an active system using two collectors and a large storage tank and a heat-flo exchanger. The garden and fruit trees are irrigated by the red rock ditch association and the homes drinking water is from a community well.

Directions to the home of Bill and Jocelyn Buckner

140 Disney Lane, Sedona

From Village of Oak Creek

Head north out of the Village toward Sedona on 179. In about 6 miles you cross the bridge over Oak Creek and come to the intersection with 89A. Go left and head west through town. At the last signal at the top of the hill as you are heading out of Sedona (the high school is on the left), turn left at Upper Red Rock Loop Road. The next 2 miles is a popular scenic drive, careful of vacationers that stop in the middle of the road, armed with Nikons and Minoltas. After 1.5 miles, you come to the left turn at Chavez Ranch Road. Go straight, the road then makes a sharp right, continue half mile to Disney Lane and turn left. If you reach where Loop Road turns dirt, you've gone 70 yards too far. Come down Disney, home is on the left, where Disney splits in two directions.

