



Well ENW52 is located about in the center of the Edgartown half of the Correllus State Forest. This well is sited in the sand and gravel outwash plain deposits that make up our main drinking water aquifer. The record for the water table elevation in this well has been kept since 1978. The "Maximum" plot (green squares) shows the highest water table over the 30 year record for each month without regard to the year in which it occurred. Similarly the "Minimum" plot (red triangles) shows the lowest water table elevation for each month. The "Average" plot (blue diamonds) shows the average elevation of the water table for each month over the record period.

These plots put the elevation of the water table in 2009, shown in purple (X), into some perspective. Throughout 2009, the water table elevation has remained close to the average and about 2 feet above the minimum elevation for each month. The preceding year's record is also shown (dashed line) for comparison. 2009 marks a turn around from lower water tables during 2008 and produced water table elevations that were near 2 feet above average toward the end of the year.

When the water table drops or rises 1 foot throughout the area of the aquifer, it represents a change in volume of about 3 billion gallons of water. This is about 2% of the total volume of water contained in the aquifer.