

Welcome to Woodinville Wonderland

23620 NE 183rd St. Woodinville, WA 98077



Thanks for stopping by. If your new to our display, we welcome you. If you are returning, we appreciate your patronage. Enjoy your visit. We are proud to be once again be collecting voluntary donations for:

Special Olympics Washington & Northshore Wranglers.
100% collected is turned over to these very worthy causes!

The Display is mainly a walking experience. We encourage guests to brave the weather, and walk the property. Up the driveway you can see a special appearance by the "Jolly Man" himself. There are several places to take pictures while visiting, but please, *no one is allowed in the yard at any time!*

Here is a bit of information about 2016's display :

- 125,650 lights - A mix of LED's, and incandescent. Bulb styles, C7's, C9's Mini's, Rope, and intelligent RGB pixel technology. We are about 98% LEDs to date. Very energy efficient.
- 3.47 miles of Extension cords, that just to connect things, 13.5 miles of total wire length!
- An FM Transmitter broadcasts on 101.9FM - We have over a 3000 Christmas Carols. Over 16Gb of music. We broadcast Christmas Carols daily, and our animated show at night.
- The "Show" is run automatically by a laptop computer. It turns the lights on, runs the show, and shuts it all down when done.
- 38 AC Light Controllers with 533 "Channels", that includes a DMX Theatrical Lighting Universe. Plus one DC Controller for the Big Bulbs in the road tree All of what you see twinkling or blinking during the "Show", is managed by the computer, which tells the light controllers what to do, and when to do it. 8 RGB pixel controllers manage 35 DMX universes of RGB intelligent pixel technology. This is witnessed in the RGB Tree in Center Stage, plus the Bow and Bells.
- It requires just about 110 amps to run, if everything was on at one time, but the overall requirement is way less than that due to the blinking and flashing.
- Lights and music run nightly Dec 1st to Near Years Night. Check our website or Facebook for the hours. Christmas & New Years Eves we will have extended shows until 2am.
- Currently there are 18 songs, broken into 2 different "Shows", which run back to back every night. Rudy and Elfis are the Master of Ceremonies, hang out, and banter back and forth.

The computer and controllers are the magic behind the lights. Timing the lights with the music is time consuming as you can imagine, but really very easy to do.

Everything is managed via an Excel spreadsheet, this is "The Golden Document". The cool by product of it, gives us the light counts and wire length totals, BUT, the real VALUE is to keep track of our power grid so that we do not truly LIGHT UP! the house! This has become a year round hobby. Many items are made right here on site in Santa's Workshop, a.k.a. the garage. Truly countless hours were spent getting to this point, as items needed touching up, fixing and several new items needed to be designed and built. Even during the display season, daily maintenance is required to keep things lit and running smoothly.

Now, if you are really lucky, you just may catch a glimpse of Santa himself. He got a bit miffed that Mark was calling his garage "Santa's Workshop" so Santa turned the table, and took over Mark's Home Office, as *his* own! He has been assembling presents, and checking the list! Feel free to go up the driveway and see for yourself. You should be able hear him while he is getting his work done for the season.



WHY do we do it? Several reasons. First, we think it is really cool to look at ourselves. Second, it's a great way to remember that we are in the Christmas Season, the Season of giving & sharing. So to that extent, it is our present to you. Enjoy the lights and music. More details can be found on our website and Facebook page.

www.WoodinvilleWonderland.com

Merry Christmas!
From the Zembruski's