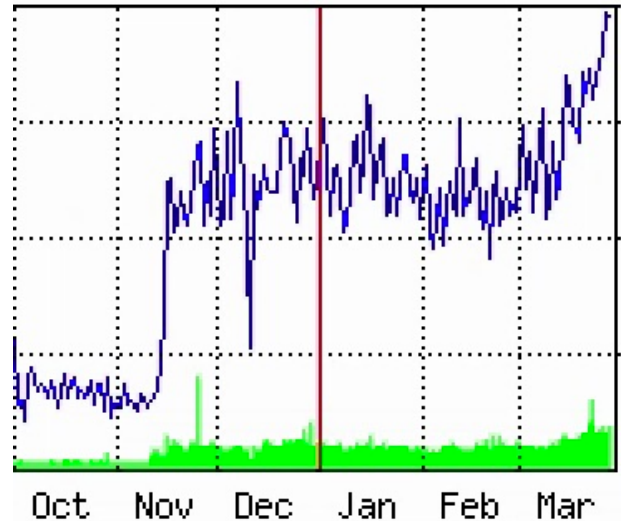


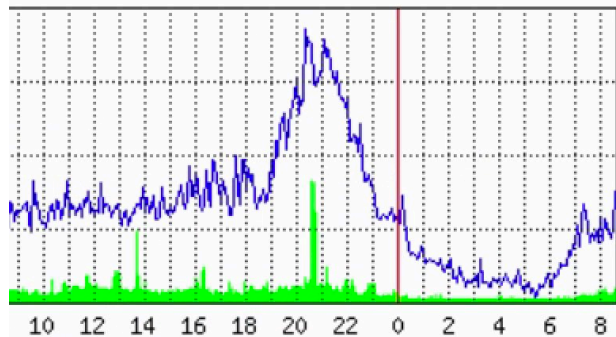
## April 2, 2020 - Corona Virus effects on Internet Usage

Just some facts to share about local usage. The chart at right shows relative bandwidth usage of our Fiber circuit through NoaNet/PUD that feeds Marrowstone. Around November 15th we added about half of our clients to this feed and we see a big jump from that. Then, we see only small variations from December through the end of February.

From March 1st to present we see a steady climb upwards in usage that is not planned for nor expected. Thanks to shifting lifestyle patterns caused by the Corona Virus. This trend is the same over the nation. The density of population in cities likely means a steeper curve of increased usage.



Last night I was streaming an HD movie on AppleTV over my Wave Cable connection in Hadlock and it just stopped working. So, early this morning I downloaded that movie to my computer to watch offline tonight. The entire Internet is slowing.



Notice the chart at the left. This shows the bandwidth usage hour by hour for 24 hours (the red line is midnight). Notice the heaviest usage is from 1900 hours to 2300 hours (7pm to 11pm). If we all can adapt to less streaming and more downloading in quiet hours, all will benefit.

Also, I started reading books again in the evening! How about family board games. Remember those? A challenge can be an opportunity. Enjoy spring cleaning and gardening. Maybe a vegetable garden?

Peace, David

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