

Computer Club Schedule 2019 - 2020

- ▶ FEBRUARY 25, 2020 – STREAMING PRESENTATION.
- ▶ MARCH 3, 2020 – NO CLUB MEETING (SPRING FLING)
- ▶ MARCH 10, 2020 – OFFICE DEPOT PRESENTATION
- ▶ MARCH 17, 2020 – NO CLUB MEETING (RAVER DAY)
- ▶ MARCH 24, 2020 – T-MOBILE PRESENTATION
- ▶ MARCH 31, 2020 – NO MEETING (HAVE A GREAT SUMMER).
- ▶ **SEE YOU NEXT YEAR**

Computer Club Election Results

- ▶ **THE NOMINATIONS AND ELECTION FOR THE COMPUTER CLUB WERE HELD IN THE REC HALL ON MONDAY FEBRUARY 17 @ 10:30AM.**
- ▶ **ELECTION RESULTS FOR THE 2020 – 2021 OFFICERS.**
- ▶ **CHAIR = BOB MARON**
- ▶ **VICE CHAIR = BOBBIE DAVIS**
- ▶ **SECRETARY/TREASURE = ELAINE DORNN**
- ▶ **MAC REPRESENTATIVE = BOB STANIONIS**



Streaming The Untold Story

What you need to know! The Good the Bad and the Ugly!

Can You Really Save Money by Streaming??????

What is Streaming?

- ▶ It's a method of transmitting or receiving data (video and audio) over a network with STEADY, Continuous Flow, allowing playback to start while the rest of the data is still being received.

History

- ▶ Late 1990's to early 2000
- ▶ Technology advancements in Networks increased speed and reliability
- ▶ The first streaming product was StarWork by Microsoft using a proprietary format MPEG-1
- ▶ Microsoft created ActiveMovie in 1995
The Precursor to Windows Media Player
- ▶ Apple Inc introduced QuickTime in 1995

Rising Cost of Cable and Satellite Services

- ▶ Basic \$50.00
 - ▶ Enhanced Package \$75.00
 - ▶ Add Sports \$100.00
 - ▶ Add Movies \$125.00+

- ▶ What to Do.....?

What's in the news about TV Services

- ▶ AT&T loses millions of TV customers. DirecTV Lost 1.2 million subscribers last quarter. **
- ▶ Dish Network lost 260,000 TV Scribers in the first quarter of 1999.
- ▶ Comcast lost 238,000 TV scribers in the 3rd Qth
- ▶ Others..... COX, Warner, Etc.....

▶ **Where are they going?**

Alternatives – Streaming Services

- ▶ HULU
- ▶ Sling TV
- ▶ AT&T Now
- ▶ Netflix
- ▶ YouTube TV
- ▶ Disney+
- ▶ IPTV
- ▶ETC

▶ **What to do Next**

Research! Research! Research!

- ▶ You Decide the Direction:

- ▶ Movies
- ▶ Sports
- ▶ Live TV
- ▶ On Demand TV
- ▶ Delayed TV

- ▶ **Next Steps**

Over the Air TV

- ▶ Free
- ▶ Antenna is the only Requirement
 - ▶ (55 Channels in this area)
- ▶ Older (non-Smart TV) still work

Internet Connection Type?

- ▶ Fast – 10 to 15 MBPS for standard video and Audio
- ▶ HD and 4K Video >15 MBPS
 - ▶ Faster the better but... (\$\$)& (If available)
- ▶ **The speed of the internet MUST be constant or buffering will occur.**
 - ▶ In this area
 - ▶ Comcast/Xfinity
 - ▶ CenturyLink
 - ▶ Hughes Net
 - ▶ TengelInternet

Equipment needed

- ▶ Modem (Cable / DSL) with WIFI
 - ▶ Purchase (\$99.00 - \$300.00)
 - ▶ Lease from ISP (\$9.00 - \$15.00)
 - ▶ Installation Charge \$149.00
- ▶ Smart TV (preferred) {Apps and Network Connection Included}
- ▶ Non Smart TV requires an interface Blue Ray player with network capabilities. Others

Other Equipment but Not required

- ▶ Fire Stick \$25.00 - \$50.00
- ▶ BlueRay Player \$85.00 to \$200.00
- ▶ Computer
- ▶ Tablet
- ▶ Xbox/PlayStation/Nintendo/WII
 - ▶ Audio Devices (Google Home/Alexa, Apple Home, Smart Speakers) etc.

Costs TV Service

- ▶ Amazon Prime \$12.99 (Free with yearly membership of \$119.00)
- ▶ AT&T Now \$65.00 **
- ▶ Disney+ \$12.99
- ▶ Hulu \$11.99
- ▶ Netflix \$11.99
- ▶ Sling TV \$25.00 - \$45.00
- ▶ YouTube TV \$50.00 (Without Ads)
- ▶ IPTV \$5.00 – \$30.00
- ▶ Many More..... (Vudu, Roku, Xumo, Red Box, Dazn)

Streaming Services

- ▶ **Three-quarters of households in the United States subscribe to a streaming service and 69% pay for more than one.**
- ▶ **The average household in the US has 3.4 monthly streaming services.**

Expectations vs Reality

Satellite Cost		Cable TV Costs	TengoInternet	Internet TV Costs
DirecTV - \$88.00 - \$145.00	Dish Network \$49.99 - \$94.00	Comcast TV \$75.00 - \$145.00	Basic 39.95 (20 MBPS) – Premium \$69.95 (50 MBPS)	Internet - \$40.00
Internet (optional) \$40,00 **	Internet (Optional) \$40.00 **	Internet \$55.00	Netflix - \$11.99	Netflix - \$11.99
** PPV / On Demand	** PPV / On Demand		Disney+ - \$12.99	Disney+ - \$12.99
			Hulu Live - \$5.00 - \$11.99	Hulu Live - \$5.00 - \$11.99
			Sling TV - \$25.00 - \$40.00	Sling TV - \$25.00 - \$40.00
Total \$128.00 - \$185.00	Total \$89.99 – \$134.00	Total \$130.00 - \$200.00	Total \$94.93- \$146.93	Total \$94.98 – 116.97

Make sure to compare Apples to Apples

Question of the Day

- ▶ Is it worth it?
- ▶ The Answer: Maybe!!!!

You have to make that decision on what's best for you.

There are savings to streaming if you package it right to suite your needs.

Future Outlook

- ▶ More services Announced
 - ▶ Peacock/NBC (April 2020)
 - ▶ Apple TV+ (Nov 5, 2019)
 - ▶ Disney+ (Nov 12, 2019)
 - ▶ HBO MAX (May 2020)
 - ▶ Quibi (April 2020)
 - ▶ Discovery/BBC (2020)
- ▶ **Cost increases for current services!!!!**
- ▶ *Do you need it ON-THE-GO (Mobile Device)*

Bob's configuration

Michigan	Florida
DirectTV – (2 TV's) \$97.00 for 8 months	DirectTV (2 TV's) \$97.00 for 4 months*
- Local TV	Local TV (55 Channels) Antenna \$0.00**
AT&T U-verse Internet \$55.00 (15 MBPS) (12 months)	Xfinity Internet \$40.00 for 4 months
Netflix (shared with Daughter) \$0.00	Netflix \$0.00
Hulu (Shared with Daughter) \$0.00	Hulu \$0.00
Total - \$152.00	Total - \$ 137.00

- *** Transfer DirectTV Receiver from Michigan to Florida. (Satellite Dish in yard at both locations)**
- **** \$38.00 one-time charge for Antenna with rotor.**
- **** \$26.00 one-time charge for Mast pipe**

Streaming Audio

Audio Equipment

- ▶ Smart Phone
 - ▶ Data rates apply (If streaming on Cell Network)
- ▶ Alexa – Amazon Device
- ▶ Google Home Device
- ▶ Apple Home Device
- ▶ Internet capable Speaker
- ▶ Computer with Audio Service App,
- ▶ Etc...

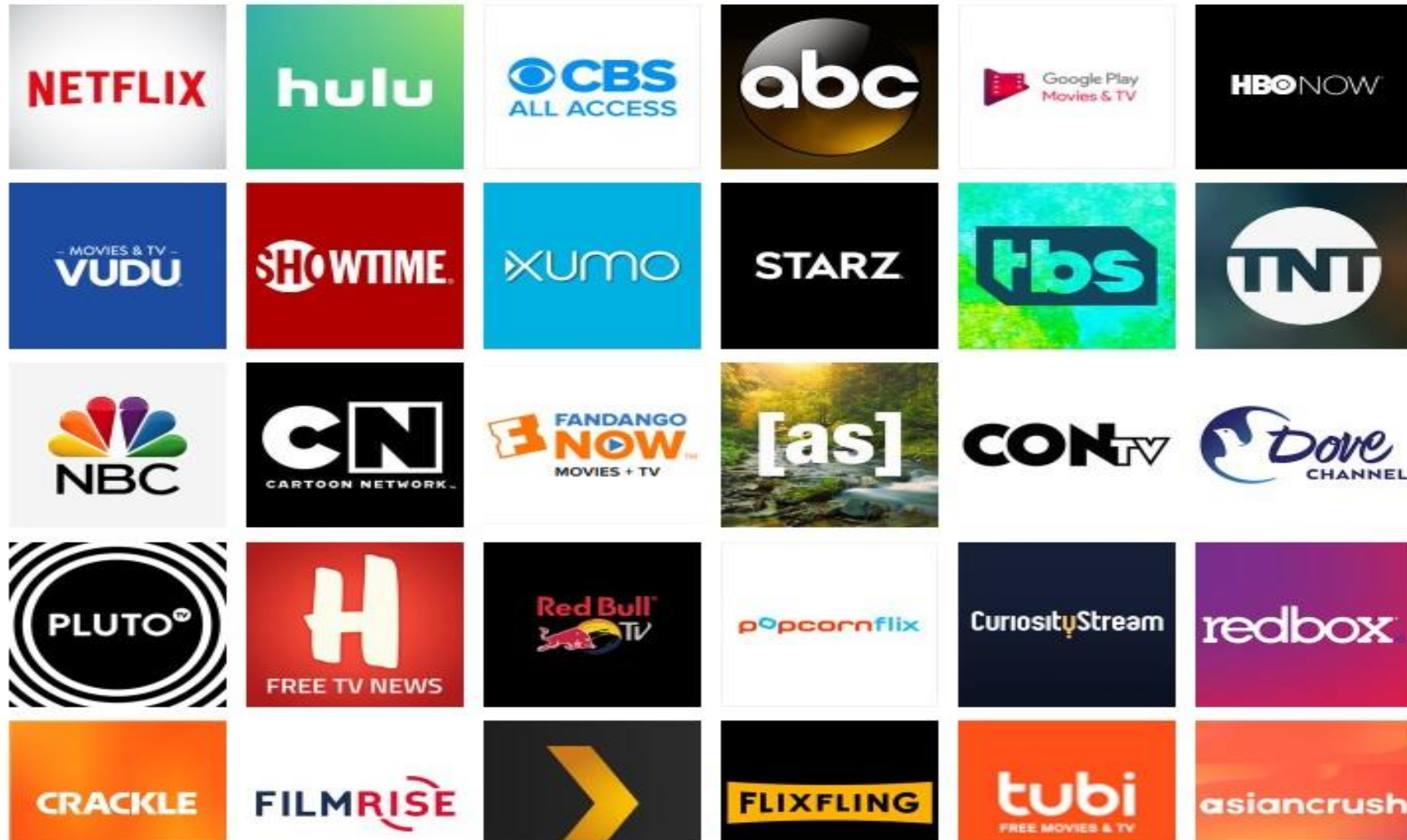
Streaming Audio Services

- ▶ **SiriusXM \$10.99**
 - ▶ Free if Sirius XM active in car.
 - ▶ Free Google Dot
- ▶ **Spotify \$9.99**
- ▶ **Apple Music \$9.99**
- ▶ **Tidal \$9.99**
- ▶ **Amazon Music 9.99 with Amazon Prime \$7.99**
- ▶ **Pandora \$9.99**
- ▶ **Deezer \$14.99**
- ▶ **Slacker \$9.99**
- ▶ **Google Play \$9.99**
- ▶ **ETC.....**

Featured SmartCast™ apps.



TV & Movies



Sports & News



Music & Audio



Questions