

THE RADIO AMATEUR'S DIGITAL NOTEBOOK

USING THE CLOUD TO MANAGE YOUR NOTEBOOK

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ACKNOWLEDGEMENTS

- TAPR
- SLQS – ST. LOUIS QRP SOCIETY



A DEDICATION

- GENE KCØIIW (SK)



WE ARE EXPERIENCING A REVOLUTION IN COMPUTING – “THE THIRD WAVE”

- FIRST WAVE – MAINFRAMES AND MINI'S WHOSE USERS WERE CONNECTED TO THEM BY TERMINALS



THE REVOLUTION CONTINUED

- THE SECOND WAVE – PC'S



THE THIRD WAVE

- MESH / GRID / CLOUD / IOT

Third Wave of Computing:
"Internet of Things"

50 Billion Connected "Things"

Cloud

Millions

Thousands

Server

Mainframe

LAN/WAN

SNA

Client

Terminal

LTE

Social Mobile Cloud Connected

<https://www.slideshare.net/Salesforce/salesforce1-world-tour-melbourne-26th-march-2014-keynote>



THE THIRD WAVE – THE CLOUD

- MULTIPLE DEFINITIONS (AND EXAMPLES) EXIST
- FOR THE CONSUMER – THE CONVENIENCE OF HAVING A SERVICE, PROGRAM, OR DATA RESIDE ON THE INTERNET SO THAT IT CAN BE ACCESSED ANY TIME FROM ANYWHERE

(ASSUMING YOU HAVE NETWORK CONNECTIVITY OR HAVE CACHED IT LOCALLY)



INTERNET OF THINGS (IOT)

- 3 EXAMPLES FROM MY OWN HOUSE
- #1: MY 2016 FORD

Your Vehicle Status

Miles Until Next Service:
 6,508 [Details](#)

Estimated Mileage:
 23,492 [Update](#)

Basic Warranty:
 **Expires in 20 mos./12,508 miles***
(whichever comes first) [Details](#)

Vehicle Health Report:
 None on file. [Details](#)



IOT EXAMPLE #2

WEATHER UNDERGROUND | [Maps & Radar](#) | [Severe Weather](#) | [News & Blogs](#) | [Photos & Video](#) | [Activities](#) | | [My Profile](#)

☆ [Vienna, VA](#) 63 °F Clear | [Dayton, OH](#) 56.9 °F Clear | [Lake Saint Louis, MO](#) 66.7 °F Clear | [Saint Joseph, MO](#) 74.1 °F Clear | Recent Cities | [Lake Saint Louis, MO](#) | [Houston, TX](#) | [San Antonio, TX](#) | [San Antonio International, TX](#) | [Hartsel, CO](#)

Sommers Pointe KMOLAKES19 [About this PWS](#) | [Report](#)

Forecast for [Lake Saint Louis, MO](#) > 38.751 -90.785 > 617 ft

[PWS Data](#) | [PWS Widgets](#) | [WunderStation](#)

[PWS Blog](#) | [My PWS](#)

Status: Available

PWS viewed 18 times since September 1, 2017

[Radar](#) | [Webcam](#) |

Mapbox © Mapbox © OpenStreetMap | Improve this map

Rain | **Mixed** | **Frozen**
Light Heavy Light Heavy Light Heavy

[View WunderMap](#)

Current Conditions Station reported 3 seconds ago

50.7 °F

Feels Like **50.7 °F**

Dew Point: **54 °F**
Humidity: **97%**
Precip Rate: **0 in/hr**
Precip Accum: **0.00 in**
Pressure: **30.21 in**

6:40 AM 7:18 PM

Waning Gibbous | 74% Illuminated

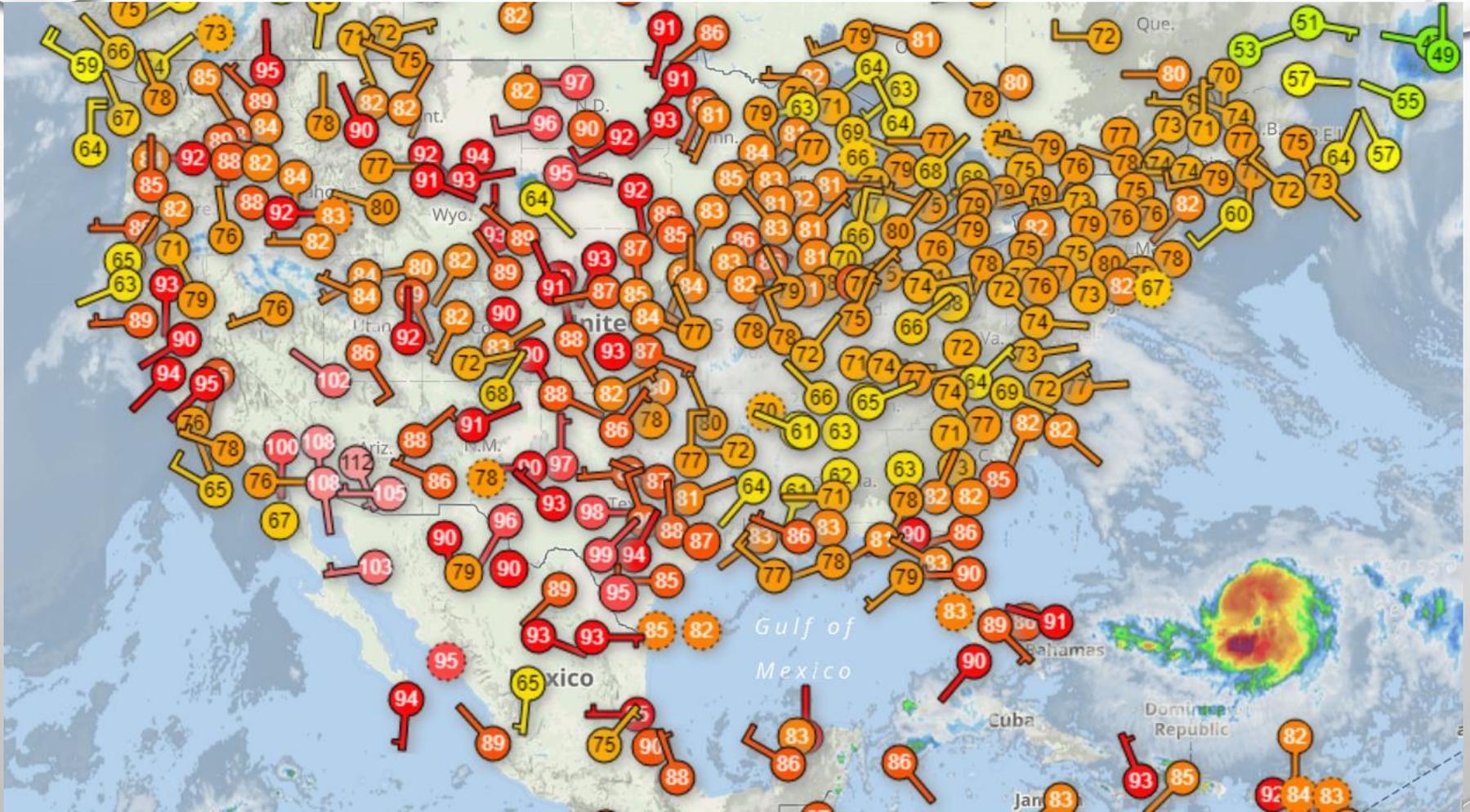


Wind from **SSW**
Gusts **0.0** mph

UV:
Solar:
Soil Moisture:
Soil Temp:
Leaf Wetness:

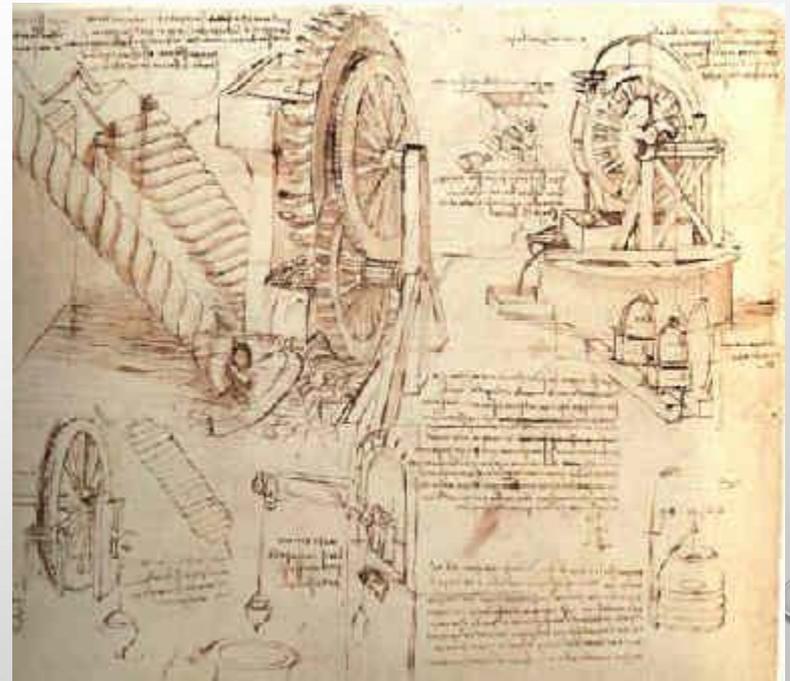


The Weather Underground



TODAY'S APPLICATION

How can this new technology help me do a better job of keeping my Radio Amateur's Notebook???



WHAT'S IN A NOTEBOOK?

YOU KNOW... THAT PLACE WHERE YOU KEEP

- DESIGN IDEAS
- EXPERIMENTS
- PLANS
- RESEARCH
- REFERENCE
- MAGAZINE ARTICLES
- EMAIL FROM DISCUSSION GROUPS ABOUT YOUR TOPIC/PROBLEM/IDEA
- ETC, ETC, ETC



HOW ORGANIZED ARE YOU?

THE TROUBLE(S) WITH TRADITIONAL METHODS



Hard to keep organized

Arrange chronologically or by topic?

Hard to search

Do you index your notebooks?

Hard to Preserve

Do you live in a hurricane path?
Have grandkids in your shack?

THIRD WAVE OPTIONS

- ANYWHERE, ANY TIME, ANY DEVICE



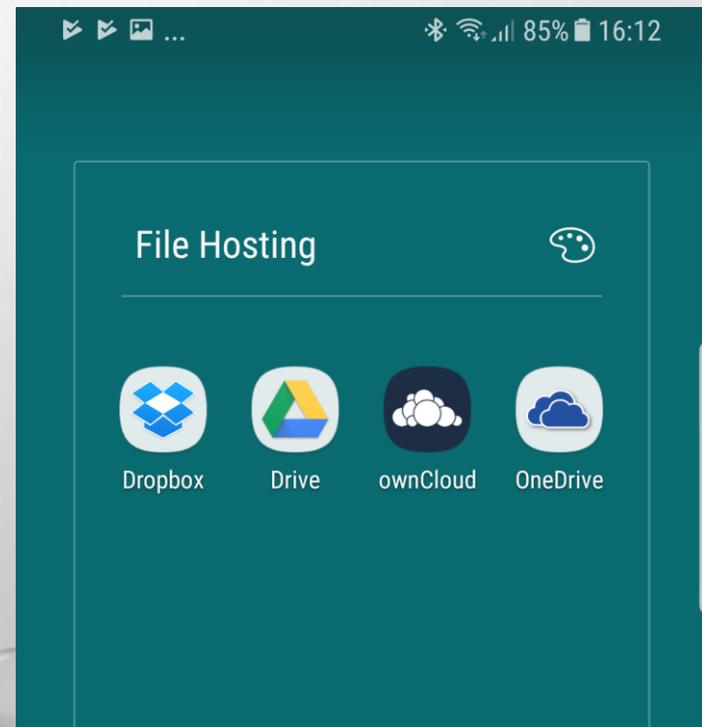
FILE HOSTING

Cloud File Hosting Services

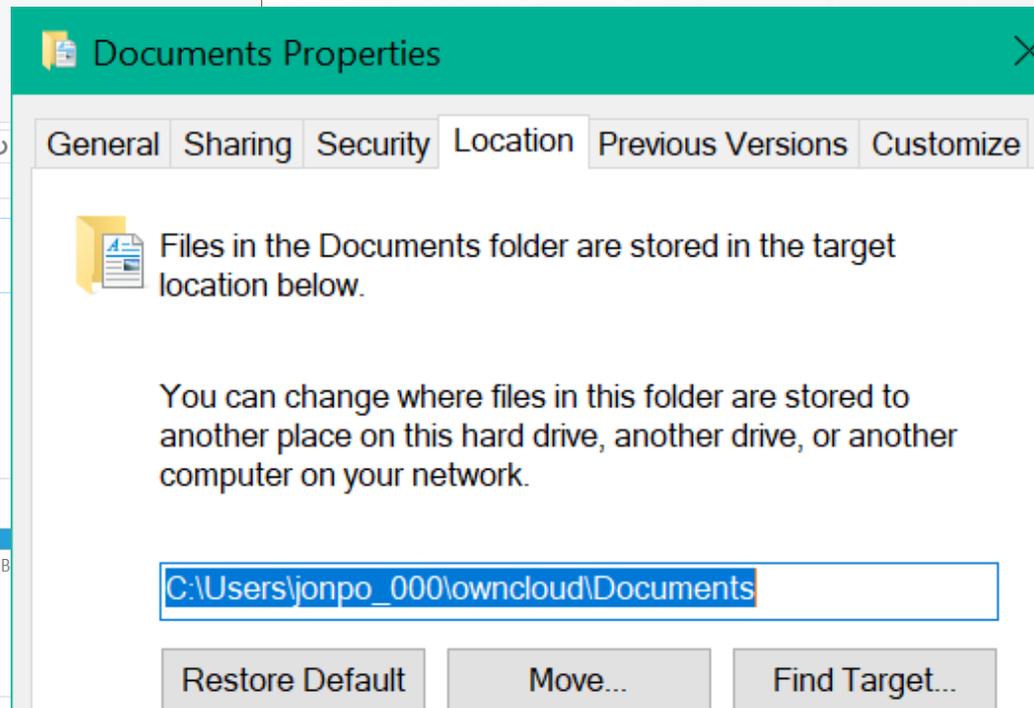
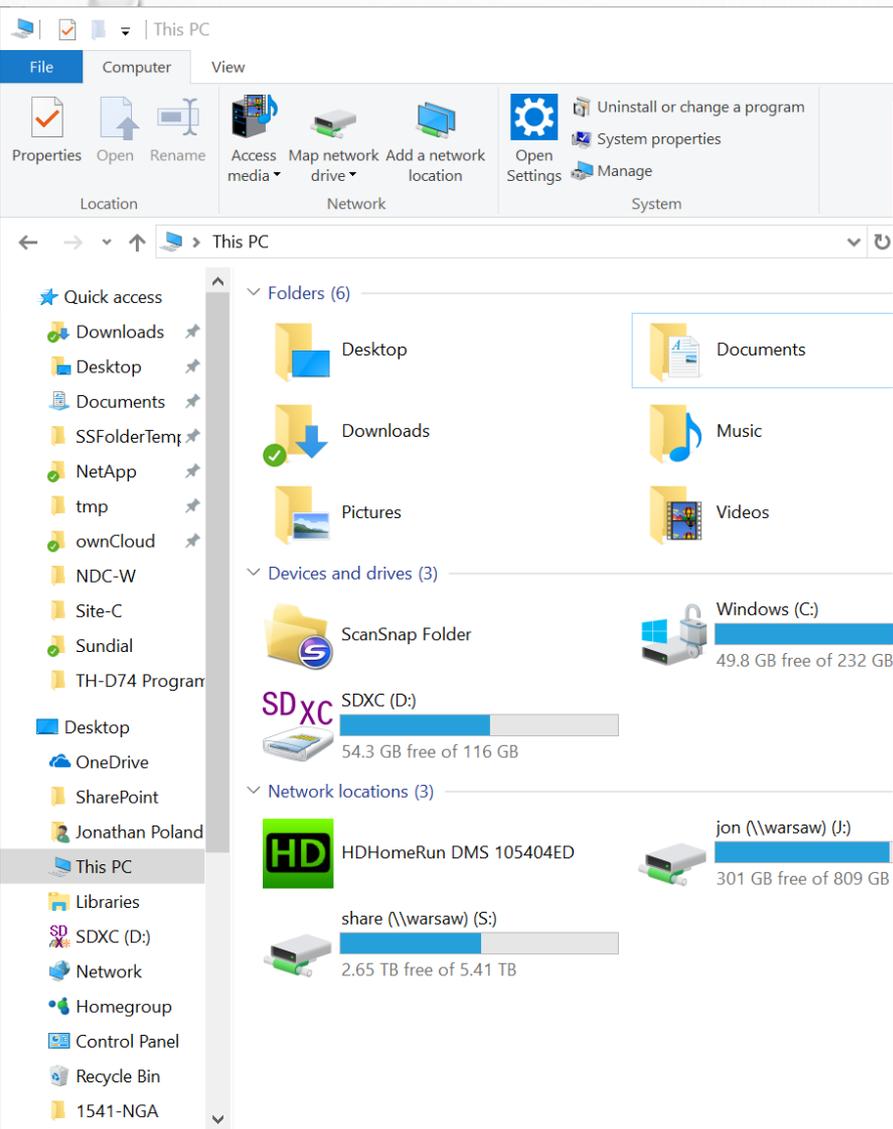
- Allow you to keep devices' data in the cloud
- Most are “free” but have capacity limits
- Share among devices – many with local cache
- Organize just like folders in your own computer

- This is an easy way to get your pictures off of your phone

- Downside: no easier (or worse) to organize than folders on your computer



CHANGING YOUR DOCUMENTS FOLDER LOCATION



DIGITAL NOTEBOOKS

Several applications available
We will concentrate on the 2 most popular

- OneNote – Microsoft's free product
- Evernote –
<http://www.evernote.com>



COMMON CHARACTERISTICS

- YOU CAN ENTER
 - TYPED NOTES
 - HANDWRITTEN NOTES
 - PICTURES
 - AUDIO
 - [EMAIL](#)
- ATTACH ANY KIND OF DOCUMENT (ESPECIALLY PDF)
- ORGANIZE BY FOLDERS (AND KEYWORDS IN EVERNOTE)
- SEARCH
- WEB CLIP
- SHARING

To do this:

1. Forward the email to your Evernote email address. ...
2. To specify the destination notebook, append the subject line with the symbol "@" followed by the name of an existing notebook; to add a tag, include "#" followed by an existing tag.

More items...



[Quick Tip Friday: Emailing Into Your Evernote Account - Evernote Blog](https://blog.evernote.com/blog/.../quick-tip-friday-emailing-into-your-evernote-account/)

<https://blog.evernote.com/blog/.../quick-tip-friday-emailing-into-your-evernote-account/>



WEB CLIPPING

Jonathan

My Yahoo x All x Sommers Point x ARRL and TAPR Digital x

tapr.org/dcc.html

Apps Bookmarks Home Stuff Fav's Streamers Weather NetApp Computers

Organization Membership Publications
Conferences Packet Radio APRS

Order Cart | Contact Us | Home | SIGs | Login

ARRL and TAPR Digital

Save

Jonathan Poland

Clip

Article

Simplified article

Full page

Bookmark

Screenshot

Organize

Ham Radio: Operation

Add tag

Add remark

Conferences: ARRL and TAPR Digital Communications Conference

Upcoming Digital Communications Conference

DCC Publications

Join TAPR Announcement List

Digital Communications Conference

Conference Listing

2015 Chicago

2014 Austin

2013 Seattle

2012 Atlanta

2011 Baltimore

The 36th Annual ARRL and TAPR Digital Communications Conference

September 15-17, 2017, St Louis

Quick Links

- Lodging
- Registration
- Write a paper
- Banquet
- Sunday Seminar

Updates

COST

OneNote is Free

You need a Microsoft Account

It isn't stated but I suspect that OneNote
space is accounted against OneDrive



Evernote has a 3-tier cost structure

Free – only 2 devices & 60 MB upload/month

Plus – 1 GB upload/month, unlimited devices + text recognition +
offline access + email **\$34.99/year**

Premium – 10GB upload/month + other features **\$59.99/year**

TIME FOR SOME EXAMPLES



Manuels

Drag notes, notebooks or tags here for quick access

Notebooks

- 3D Printing (11)
- Bitcoin (1)
- Computers: SheevaPlug (11)
- Dash (1)
- Electronics (50)
- Game Rules (1)
- Guns (2)
- Ham Radio: Operation (14)
- Ham Radio: Building (10)
- Ham Radio: Design (21)
- Ham Radio: Equipment (22)
- Ham Radio: Kits (10)
- Ham Radio: SW+ (1)
- Home (31)
- ifttt Google Reader Starred It... (171)
- Kindle (2)
- Lab on Demand (4)
- Lindenwood Networking Cluster (66)
- linux (2)
- Manuels (38)**
- Model Airplanes (3)
- My Notebook (94)
 - Networking
 - NeverNote (14)
 - Nexus 7 (3)
 - Notebook Stack
 - Notebook Stack [2]
 - OpenSCAD (2)
 - Raspberry Pi (56)
 - Rocketbook
 - TAPR PRESENTATION (10)

Search notes

Viewing 38 notes in **Manuels**

LDG Z-817 Autotuner

8/23/2017 [Antennas](#), [ham radio](#), [manual](#), [QRP](#), [tuner](#)
Z-817Manual.pdf, 1.1 MB



John Deere Lawn Tractor D105 Operator's Manual

6/10/2017 [john deere](#), [manual](#), [mower](#) Purchased from Lowes O'Fallon, MO, 4/9/2017 #19756308



Kenwood TH-D74A User Manual

5/22/2017 [ham radio](#), [manual](#), [TH-D47A](#)
Kenwood TH-D74A User Manual.pdf, 6.2 MB



ID-5100 Documentation

11/1/2016 [D-Star](#), [manual](#), [radio](#), [UHF](#), [VHF](#) Icom ID-5100 basic manual Icom ID-5100 full manual



PDF - www.fordservicecontent.com

6/13/2016 [Escape](#)
2016-Escape-Owners-Manual-version-2_om_EN-US_11_2015.pdf, 7.2 MB



FitBit Blaze Manual

4/14/2016
manual_blaze_en_US.pdf, 800 KB



Char-Broid 4-Burner Stainless Steel Gas Grill

3/5/2016 Purchased March 5, 2016 at Lowes, Chesterfield Valley



2004 Jeep Wrangler Owner's Manual





OTHER TOOLS

- IFTTT
- FEEDLY
- OFFICE LENS
- TRELLO
- GOOGLE APPS



PARTING COMMENTS



THANK YOU!

