





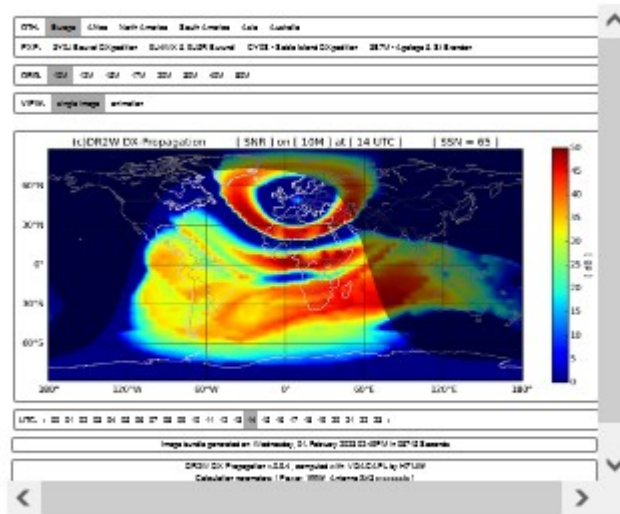




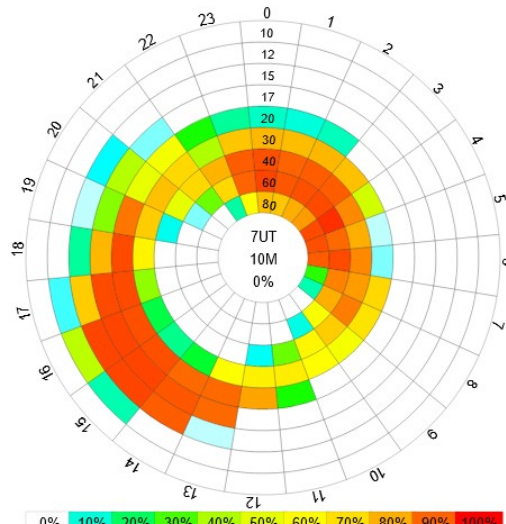
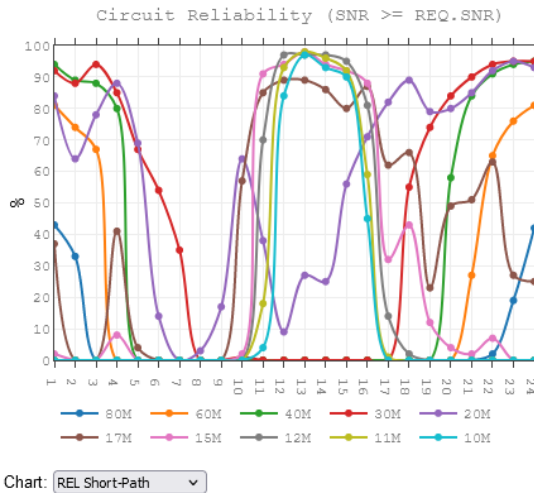
# IONOSPHERIC EM WAVE Propagation Useful Predictions

**DR2W** <https://dr2w.de/dx-propagation/>

View this site which is evidently based on forecasts using VOACAP software.



**VOACAP**  
<https://www.voacap.com/>



## SYMPTOMS OF BEING A TRUE HAM...

These goodies are from Clinton Herbert AB7RG (via AC6V website)

"You know it's bad when... you start hearing CW all the time, and there really isn't any..."

"You know it's bad when you pick up the phone and say "QRZ?" instead of hello." --

"If an antenna falls in the forest, and no one is there to see or hear it, does it's SWR change?"

"Good Day: When you are DX'ing from a remote tropical island.

"Think that nobody cares about you? Start tossing a dead carrier on your local repeater for an hour and see how many people suddenly take an interest in you..."

"You're an addict when... You start carrying your HT with you everywhere, even into the bathroom..."

*--de AF8C: CW always comes out of the walls after Field Day, at home, when I am taking a shower to cool off after a hot Field Day Sunday.*



## **SECRET INGREDIENT INSIDE ELECTRONICS...**

For years the electronics industry has been manufacturing components that contain a secret ingredient, without telling us. You can't even find this information in Wikipedia ®. It's also not in college textbooks and rarely found in QST or CQ Magazine.

The secret ingredient: SMOKE . When you let it escape from any electronic item you can bet that item is no longer going to work correctly!



## **GET READY FOR WINDOWS 12...**

The tech industry is now making the following predictions.

Windows 11 was released on Oct. 5, 2021, six years after Windows 10. Microsoft recently released the first major update for the OS — Windows 11 version 22H2.

- No annual updates. Just a new version of Windows every 3 years.
- Windows 12 will come out at some point in 2024
- Windows 12 itself likely won't be free, so if you don't have a Windows license at all, you're still going to have to buy it.
- No information right now on whether you will have to upgrade your hardware
- Windows 10 as a whole is supported until October 2025
- Maybe a new desktop GUI? Users of Windows 11 may have noted that GUI has in some ways emulated the Apple McIntosh GUI



## **QRZ GRIDMAPPER...**

<https://www.qrz.com/gridmapper>

Use this handy reference to show hams in any grid square in the world. After some testing I found that selection of a "valid" grid square is important. When you localize on a 6 character grid square, you can also view locations and call signs for other radio amateurs in that same local area.



## REVIEWING SOLAR CYCLE 25 (AGAIN)...

From Wikipedia(R)

Solar Cycle 25 Sunspot Number Progression and Predictions  
as of September 2022

Sunspot data Start date December 2019

Max count 86.5 (smoothed)

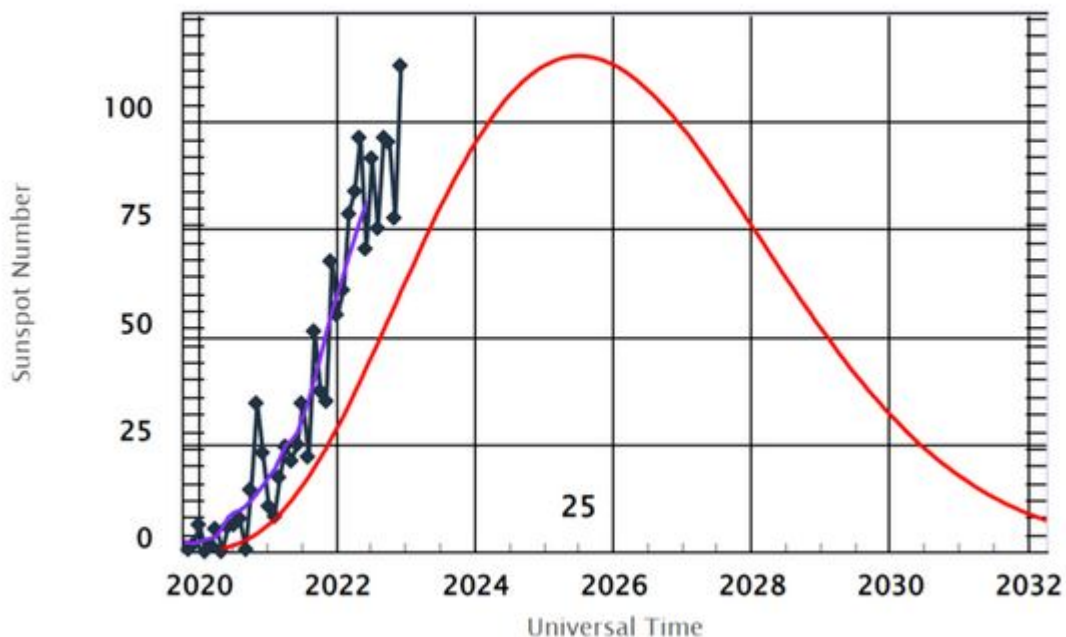
Max count month July 2022 (progressive)

Min count 1.8

Cycle chronology Previous cycle Solar cycle 24 (2008-2019)

Solar cycle 25 is the current solar cycle, the 25th since 1755, when extensive recording of solar sunspot activity began. It began in December 2019 with a minimum smoothed sunspot number of 1.8. It is expected to continue until about 2030.

### ISES Solar Cycle Sunspot Number Progression



## EARLY SEARCHES FOR EXTRA TERRESTRIAL INTELLIGENCE...

(from Wikipedia® )

*(At least people assumed that radio signals would be the way to early discoveries.)*

On August 21–23, 1924, the planet Mars entered an opposition closer to Earth than at any time in the century before or the next 80 years. In the United States, a "National Radio Silence Day" was promoted during a 36-hour period from August 21–23, with all radios quiet for five minutes on the hour, every hour. At the United States Naval Observatory, a radio receiver was lifted 3 kilometres (1.9 miles) above the ground in a dirigible tuned to a wavelength between 8 and 9 km, using a "radio-camera" developed by Amherst College and Charles Francis Jenkins. The program was led by David Peck Todd with the military assistance of Admiral Edward W. Eberle (Chief of Naval Operations), with William F. Friedman (chief cryptographer of the United States Army), assigned to translate any potential Martian messages.

*(We assume that the search failed.)*



# THE DX SCENE...

(Courtesy of the NG3K website)

## Call, Start Date,, End Date, DXCC Entity

TR8CR,2023 Jan01,2023 Mar15,Gabon  
P4,2023 Jan10,2023 Feb08,Aruba  
FG,2023 Jan14,2023 Feb02,Guadeloupe  
J8NKI,2023 Jan15,2023 Feb21,St Vincent  
FM,2023 Jan15,2023 Mar15,Martinique  
P4,2023 Jan18,2023 Feb02,Aruba  
4W,2023 Jan20,2023 Mar03,Timor Leste  
S79,2023 Jan21,2023 Feb04,Seychelles  
7P8WW,2023 Jan26,2023 Feb04,Lesotho  
4S7,2023 Jan29,2023 Feb07,Sri Lanka  
FS,2023 Jan31,2023 Feb09,St Martin  
V47JA,2023 Jan31,2023 Feb15,St Kitts & Nevis  
S79,2023 Feb01,2023 Feb21,Seychelles  
3Y0J,2023 Feb03,2023 Feb22,Bouvet Is  
9U4WX,2023 Feb04,2023 Feb27,Burundi  
6W,2023 Feb06,2023 Mar31,Senegal  
JD1BQB,2023 Feb07,2023 Feb13,Ogasawara  
HR9,2023 Feb08,2023 Feb15,Honduras  
V26DX,2023 Feb09,2023 Feb16,Antigua  
YJ0A,2023 Feb09,2023 Feb23,Vanuatu  
PJ4,2023 Feb11,2023 Feb26,Bonaire  
C5C,2023 Feb14,2023 Mar14,Gambia  
J8,2023 Feb15,2023 Feb21,St Vincent  
H44MS,2023 Feb15,2023 Apr30,Solomon Is  
VK9CVG,2023 Feb17,2023 Feb24,Cocos Keeling  
J79BH,2023 Feb20,2023 Feb26,Dominica  
PJ2,2023 Feb20,2023 Mar03,Curacao  
T8,2023 Feb24,2023 Mar02,Palau  
3B7M,2023 Feb24,2023 Mar05,Agalega & St Brandon  
HK0,2023 Feb27,2023 Mar05,San Andres & Providencia  
PJ7,2023 Mar01,2023 Mar08,Sint Maarten  
HD8M,2023 Mar01,2023 Mar11,Galapagos  
PJ2,2023 Mar04,2023 Mar22,Curacao  
PJ7AA,2023 Mar04,2023 Apr01,Sint Martin  
VP5,2023 Mar08,2023 Mar22,Turks & Caicos  
HI0LT,2023 Mar12,2023 Mar19,Dominican Republic  
V4,2023 Mar19,2023 Apr01,St Kitts & Nevia  
CY0S,2023 Mar20,2023 Mar29,Sable Is  
FM,2023 Mar21,2023 Mar28,Martinique  
VP2MEI,2023 Mar23,2023 Apr02,Montserrat  
PJ5,2023 Mar28,2023 Apr04,Saba & St Eustatius  
VP5,2023 Apr04,2023 Apr11,Turks & Caicos  
TX5XG,2023 Apr12,2023 Apr19,Austral Is  
OJ0,2023 May20,2023 May27,Market Reef  
MM0UKI/p,2023 May28,2023 May31,Scotland  
VP2V,2023 Jun23,2023 Jun29,Br Virgin Is  
FP,2023 Jun27,2023 Jul11,St Pierre & Miquelon  
KH0,2023 Aug31,2023 Sep14,Mariana Is  
T8,2023 Sep12,2023 Sep18,Palau  
KH2,2023 Sep16,2023 Sep30,Guam  
YJ0TT,2023 Oct01,2023 Oct31,Vanuatu

## 2023 ELECTED CLUB OFFICERS

President  
Glenn Williams **AF8C**  
(440) 934-5566  
Vice President  
Karl Beckman **WA8NVW**  
(440) 234-4839  
Secretary  
Open  
Treasurer  
Ann Wadsworth **KA8ZEP**  
Fifth Board Member  
Stephen Kinford **N8WB**  
(216) 702-8384

## COMMITTEES

### FIELD EVENTS COMMITTEE - OPEN

Safety Officer  
**OPEN**

License Trustee  
**N8WB**

ARRL VE'S  
**AF8C, N8WB, W8MET, KC8FOS**

ARTICLES SUBMITTED  
--

NET MANAGER  
**W8WLI**

CONTESTS, SATELLITES  
**N8WS and N8WB**

PROPERTY CUSTODIAN  
**N8WS**

8TH AREA BUREAU LETTER MGR. **AF8C (8V)**

PROGRAMS  
**KC8FOS and AF8C**

EDITOR, WEBMASTER  
**AF8C**

V7,2023 Oct03,2023 Oct15,Marshall Is  
E6AM,2023 Oct10,2023 Oct27,Niue  
V63AH,2023 Oct18,2023 Oct30,Micronesia  
H40WA,2023 Oct31,2023 Nov14,Temotu



**PUBLISHED BI-MONTHLY  
BY WEST PARK RADIOPS AMATEUR RADIO CLUB, INC. ----  
A NON-PROFIT SCIENTIFIC AND EDUCATIONAL CORPORATION**

MEETINGS: WEST PARK RADIOPS ARC plans to eventually resume meeting each month at Cuyahoga Community College West Campus in the Public Safety Training Center, 11000 Pleasant Valley Dr. at 7:30 PM sharp.

**But our on-site meetings have been suspended during Covid-19 protocols.  
Therefore we meet on Zoom on the second Friday, 7:30 p.m.**

Dues \$15/yr. We welcome anyone interested in amateur radio to our meetings. We operate Monday and Friday night nets on 147.36+ (107.2 Hz) MHz at 8:00 p.m. Eastern.

<http://www.westparkradiops.org>  
<mailto:w8vm<at>arrl.net>

**W8VM**

