



# Long Path



Volume 33 Issue 11

SEMDXA NEWSLETTER

November 2023



## PRES Sez

Hi all,

I received a few emails from ARRL. The first one is in regard to the 60 meter band. The FCC would like to reduce the power allowed from 100 W ERP to only 15 W ERP. They would also like to reduce secondary access to the current channels. Here is a link to the ARRL site to see more about it. [60 Meter Band \(arrl.org\)](https://www.arrl.org) We should all submit comments to the FCC so this won't change.

Another change that would be for the better, Congresswoman Debbie Lesko (AZ-08) introduced The Amateur Radio Communications Improvement Act (H.R. 3241) on May 11, 2023, to require that the FCC eliminate the obsolete HF digital symbol rate limit with a 2.8 kHz bandwidth limit. In announcing the proposed Commission actions, FCC Chairwoman Jessica Rosenworcel said that "We're bolstering amateur radio. We will vote on a proposal to incentivize innovation and experimentation in the amateur radio bands by removing outdated restrictions and providing licensees with the flexibility to use modern digital emissions". This would be great news for those into digital modes for sure! The Congresswoman subsequently addressed the issue with Chairwoman Rosenworcel in a Congressional oversight hearing. The changes are supported by many state emergency management officials. Here is a link to more information about this. [DOC-397992A1.pdf \(fcc.gov\)](https://www.fcc.gov/document/doc-397992a1.pdf) Don't forget to get out and check your antennas and coax. It will just get colder!

I have made progress on countries/entities that I have made contact with. Last reported I was at 254 contacts to different countries/entities. 227 are confirmed. I am now at 260 with 229 confirmed. Even more progress!! I finally made it to 260 contacts! I need to send a few cards out or get on Club Log and get some of these rarer entities confirmed!

The Prez – 73's

**NEXT Meeting:**

## In-Person

**November 8th, 2023 at 7 PM**

**Fork n' Pint in Waterford**

### Program

**James Gallo  
KB2FMH**

**Presenting CO0  
and KH8**

## DXpeditions

#### SEMDXA OFFICERS

*President:* Fred Goeckel, **KD8ZYD**

*Vice-president:* Pete Gladysz, **K8PGJ**

*Treasurer:* Brad Nowak, **N8SNM**

*Secretary:* Chet Latawiec, **VE3CFK**

*Program Director:* Ted Pauck, **K8NA**  
and Steve Culp, **K8QKY**

*Directors:* Doug **N8VY** and Bob **K8RGM**

#### Club Appointees:

*Web Site Editor:* Doug Basberg, **N8VY**

*LP Publisher:* Chet Latawiec, **VE3CFK**

#### ARRL and CQ Appointees:

*DXCC Checker:* Stan Arnett, **AC8W**

*DXCC Checker:* Bill Jones, **N8KF**

*VUCC Checker:* Al Bailey, **K8SIX**

*VUCC Checker:* Jim Sanford, **K8ZZU**

*CQ Checker:* Mike Rudzki, **N8MR**

*CQ Checker:* Al Bailey, **K8SIX**

## Meeting Minutes

The October SEMDXA meeting was chaired by our president Fred, KD8ZYD. The meeting started at 7:06 PM. There were 8 in attendance and 2 zoomed.

Acceptance of meeting minutes for the September meeting as presented in the October issue of The Long Path was requested by Chet, VE3CFK. Brad commented the minutes were incorrect and needed to be updated. (The updated minutes are reprinted to the right of this column, with the corrections indicated in **RED**).

Treasurers report was presented by Brad, N8SNM. Brad indicated that the club dues are due.

### New Business:

The membership present at the meeting unanimously agreed to send a \$200 donation to the XW4DX DXpedition to be held November 16th to 27th.

Also, the membership agreed to sponsor the Clipper-ton, TX5S DXpedition for \$100. This DXpedition is planned for January 17th, 2014 for 16 days.

Chet asked if Doug, N8VY could approach Zukey Lake Tavern and inquire if SEMDXA membership could have their Christmas gathering there again this December.

Our invited guest speaker for the evening did not show up for his speaking engagement, so the meeting ended early. Motion to adjourn was made by Fred, KD8ZYD and seconded by Al, K8SIX. Meeting

## VK9X - Christmas Is

GM3WOJ, Chris and GM4YXI, Keith will activate VK9X between November 21 and December 5th. They plan 160—10M using SSB, CW, FT8/4 with verticals and a K3 and Expert amps with a limit of 400 watts. They will be a multi-two entry in the CQWW CW.

## Meeting Minutes

The September SEMDXA meeting was chaired by our president Fred, KD8ZYD. The meeting started at 6:55 PM. There were 13 in attendance and 2 zoomed.

Acceptance of meeting minutes for the May and June meetings as presented in the July issue of the Long Path was requested by Chet, VE3CFK. With no comments or corrections, acceptance was motioned by Stan AC8W and 2nded by Dave, K8ESQ.

Treasurers report was presented by Brad, N8SNM. Motion to accept by Mike, WD8S & 2nd by Keith, KB1SF.

### New Business:

Steve, K8QKY is selling Larry K8MU's (SK) equipment. List of equipment to be forwarded to Chet, VE3CFK and then distributed to the membership.

ARRL Great Lakes Division Directorship is coming up for election. Keith, KB1SF expounded on Dave Kalter's, **W8CI** intent to run and Dave's background.

**Brad, N8SNM has been working with** The Fork n' Pint Tavern to increase the size of the TV in the meeting room. The cost would be split 50/50 between The Fork n' Pint and SEMDXA, with a maximum contribution from SEMDXA of \$500. Motion to proceed by Mike, WD8S and 2nded by Dave, N8VY.

**Brad, N8SNM** motioned that SEMDXA sponsor the upcoming Swains DXpedition. 2nded by Doug. All agreed by show of hands.

The evenings presentation was by Adrian, KO8CSA. Adrian talked about Bouvet Is which was his 30th DXpedition. He also informed us how he got involved in DXpeditioning and the majority of those DXpeditions he participated in. Very informative talk. Thank you Adrian.

Motion to close the meeting at 8:20 by Fred, KD8ZYD and 2nded by Al, K8SIX.

## ZOOM MEETINGS

In person meetings have resumed. We are getting better at presenting ZOOM meetings. Really hope you can join us in person, but if you can't, please join our ZOOM meeting.

For those not familiar with ZOOM, please refer to the 2020 October or November issues of The Long Path which are accessible online on the SEMDXA Website for details on how to setup your computer for a ZOOM meeting.

**Use the one step process and just click on the link below to join upcoming meetings.**

<https://umich.zoom.us/j/91352970493?pwd=N0t3N1RpUFZjVGQzZHZwTnU0bHpuUT09>

## SOLAR STUFF

### 14,300-yr-old tree rings reveal largest-ever solar storm

An international team of scientists has discovered a huge spike in radiocarbon levels 14,300 years ago by analysing ancient tree-rings found in the French Alps.

The radiocarbon spike was caused by a massive solar storm, the biggest ever identified. The largest, directly-observed, solar storm occurred in 1859 and is known as the Carrington Event. It caused massive disruption on Earth -- destroying telegraph machines and creating a night-time aurora so bright that birds began to sing, believing the sun had begun to rise. Nine such extreme solar storms -- known as Miyake Events -- have now been identified as having occurred over the last 15,000 years. The most recent confirmed Miyake Events occurred in 993 AD and 774 AD.

The above excerpt was from the "Greater Kashmir" on October 9th, 2023

## NOT CANCELLED YET

Some things to look forward to:

- SEMDXA January 2024 in-person meeting at Fork n' Pint in Waterford on Wednesday, January 10th at 7:00 PM
- 2024 Hamvention
- The December issue of The Long Path
- Thanksgiving, Christmas
- SEMDXA Zukey Lake Luncheon Wed. Dec 13

## Hamfests

12/3/23 - Fulton County Winterfest, Archbold, OH  
 12/3/23 - L'Anse Creuse, Troy, MI  
 1/15/24 - SCARF Hamfest, Shade, OH

## V62P & V62S Micronesia

Cesar, VE3LYC is IOTA activating again. His [web-site](#) has marvelous details of his plans and negotiations for boat transportation as he travels from island to island. Sounds like something out of the 1800's, but that's nothing new for Ceazar as we have learned from one of his presentations to the SEMDXA membership earlier this year. It certainly is worth a visit to his website to learn of his exploits. I (your editor) will be looking for him on the air. Good luck Cesar!

## 708 - Yemen

Two operators will be QRV Nov 3rd to Nov 16th , 708AD (Ken) and 708AE (Shani). 160-10M SSB/CW/FT8. VDAs and verticals will be deployed.

# H44WA Solomon Is.

H44WA will be operating using FT8 in Fox/Hound mode, using WSJT-X. When conditions allow, we'll be using multiple streams so we can have increased rates. Therefore, hounds, please call well above 1000Hz (i.e. 1050 or higher).

We should have adequate Internet service during the H44WA expedition; therefore, we have decided to use the ClubLog Live feature. Due to our remote location, please be aware that our Internet service will not always be available.

## FT8 SPOOF PREVENTION FOR H44WA

In an effort to combat piracy, the H44WA team will be beta-testing a new anti-spoofing technology developed by our team member/WSJT-X developer Brian Moran, N9ADG. This should help calling stations have confidence that they're copying the real H44WA. We will be looking to the amateur radio community for feedback on its usefulness. As well as areas of improvement.

Here's how it works: H44WA will transmit CQs and work stations, and every few cycles will send a callsign followed by a 6 digit verification number:

010200 -3 0.1 300 - H44WA 695243

010200 -3 0.1 360 - CQ H44WA QI90

Only H44WA will be able to send the right code for a particular timestamp, which can be verified by checking the [www.9dx.cc](https://www.9dx.cc) website: <https://www.9dx.cc/verify/H44WA>

This anti-spoofing feature uses time-based one-time passwords based on a key known only by H44WA and the [www.9dx.cc](https://www.9dx.cc) website

**(continued in the next column)**

Last five minutes of verification codes for H44WA.

Callsign	Date	Timestamp	Code
H44WA	20231019	005830	225674
H44WA	20231019	005900	148917
H44WA	20231019	005930	526016
H44WA	20231019	010000	344803
H44WA	20231019	010030	082164
H44WA	20231019	010100	561546
H44WA	20231019	010130	719038
H44WA	20231019	010200	695243
H44WA	20231019	010230	251444
H44WA	20231019	010300	797090
H44WA	20231019	010330	669870

Make sure that the Code and the Timestamp BOTH match what was sent by the station claiming to be H44WA.

## H44WA BAND PLAN

CW	SSB	FT8
<b>1.825</b>		<b>1.836 F/H</b>
<b>3.523</b>	<b>3.780</b>	<b>3.567 F/H</b>
		<b>5.357</b>
<b>7.010</b>	<b>7.090</b>	<b>7.056 F/H</b>
<b>10.114</b>		<b>10.131 F/H</b>
<b>14.023</b>	<b>14.185</b>	<b>14.090 F/H</b>
<b>18.069</b>	<b>18.125</b>	<b>18.095 F/H</b>
<b>21.023</b>	<b>21.275</b>	<b>21.091 F/H</b>
<b>24.891</b>	<b>24.955</b>	<b>24.911 F/H</b>
<b>28.023</b>	<b>28.485</b>	<b>28.091 F/H</b>
<b>50.115</b>	<b>50.115</b>	<b>50.323 F/H</b>

# ZL& - Chatham Is.

JA1SVP, JE1SYN and JF1OCQ will be on the air from November 9-22nd as ZL7A. They will be doing SSB, CW, FT8 and FT4 on 160-6 on three radios.

## 6M Comments

Wow is all I can say. Friday October 20th ZLs were being worked from EN82. Not me! But VE3EDY worked several. Oct 30th he worked 3B9FR. I better fix my 6M antenna system!

## CLUBLOG

### Most wanted - Top 25

1	P5	<a href="#">DPRK (NORTH KOREA)</a>
2	BS7H	<a href="#">SCARBOROUGH REEF</a>
3	CE0X	<a href="#">SAN FELIX ISLANDS</a>
4	BV9P	<a href="#">PRATAS ISLAND</a>
5	KH7K	<a href="#">KURE ISLAND</a>
6	KH3	<a href="#">JOHNSTON ISLAND</a>
7	FT/G	<a href="#">GLORIOSO ISLAND</a>
8	3Y/P	<a href="#">PETER 1 ISLAND</a>
9	FT5/X	<a href="#">KERGUELEN ISLAND</a>
10	YV0	<a href="#">AVES ISLAND</a>
11	3Y/B	<a href="#">BOUVET ISLAND</a>
12	ZS8	<a href="#">PRINCE EDWARD &amp; MARION</a>
13	KH4	<a href="#">MIDWAY ISLAND</a>
14	VK0M	<a href="#">MACQUARIE ISLAND</a>
15	PY0S	<a href="#">SAINT PETER AND PAUL ROCKS</a>
16	PY0T	<a href="#">TRINDADE &amp; MARTIM VAZ</a>
17	KP5	<a href="#">DESECHEO ISLAND</a>
18	VP8S	<a href="#">SOUTH SANDWICH ISLANDS</a>
19	KH5	<a href="#">PALMYRA &amp; JARVIS ISLANDS</a>
20	ZL9	<a href="#">NEW ZEALAND SUBANTARCTIC</a>
21	FK/C	<a href="#">CHESTERFIELD ISLANDS</a>
22	VK0H	<a href="#">HEARD ISLAND</a>
23	EZ	<a href="#">TURKMENISTAN</a>
24	FT/T	<a href="#">TROMELIN ISLAND</a>
25	YK	<a href="#">SYRIA</a>

## FT4GL - Glorioso

The team decided to postpone Operation Glorioso 2023 scheduled for December. The reason for this postponement is due to the advisory committee of the Glorieuses des Terres Australes et Antartiques Françaises (TAAF) nature reserve, which was unable to comment due to a schedule incompatible with our initial request, an unfavorable opinion was given, therefore been returned. Even if it is a disappointment, the operation is not cancelled as Marek is planning to return to Les Glorieuses in 2024 as part of his professional activities. The operation is therefore postponed until March 2024.

## H40WA - Temotu

The Intrepid-DX Group is pleased to announce that all of our plans to activate H40 Temotu Province are going well.

We are happy to report that all of our equipment is with Customs in Honiara, Solomon Islands. Our local agent will then arrange ferry transport to Lom Lom, Temotu Province. We had intended to ship our gear via Ocean Cargo however unplanned delays forced it to go via Air Cargo. As you can imagine, this is very costly! We have purchased additional generators in the Solomon Islands to add redundancy to our Dxpediton equipment. We are very serious about this operation and pledge to make the best activation possible.

We are also coordinating frequencies with the TJ9MD Team that recently announced their plans to coincide with H40WA. We will be regularly updating our website.

We have assembled a team of eight operators to make a fifteen-day activation of this entity. Temotu Province ranks #43 on Clublog's most wanted DXCC list.

We will make a significant effort on the low bands during this activation. We will use 1500 watts on the 80/160 meter bands. We will use CW/SSB and FT8 Fox/Hound modes. We plan to be active during the CQ WW SSB Contest October 28th-29th.

## T32TT

Dom 3Z9DX announces the next planned trip for the Rebel DX Group is to Kiribati (Christmas Island) as T32TT in December 2023. He mentions 2-3 ops in total running mainly FT8 and some CW & SSB. Dom also mentions he is waiting on the 5N5N Nigeria callsign confirmation, with trips to Africa starting early 2024.

# PERIODIC TABLE OF MAJOR AMATEUR RADIO CONTESTS

by Chet VE3CFK



# 2023

Multimode	CW	Digital
Off-the-air	SSB	VHF/UHF

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1 HAPPY NEW YEAR	4 NA Sprint CW	5 ARRL DX SSB	1 SP Polish DX	2 7QP/IN/DE New England QSO Parties	3 ARRL Int'l Digital	1 RAC CANADA DAY	5 NAQP CW	6 CW Ops CW Open	7 Oceania PHONE	4 ARRL SS CW	1 ARRL 160
7 ARRL RTTY Roundup	8 CQWW WPX RTTY	11 NA Sprint RTTY	12 JIDX CW	8 CQ-M DX	9 ARRL June VHF	8 IARU HF	9 WAE CW	12 WAE SSB	13 Oceania CW	14 WAE RTTY	15 ARRL 10 Meter
14 NAQP CW	15 ARRL DX CW	18 Russian DX	19 Michigan QSO Party	15 Contest University	16 All Asian CW	17 CQ WW VHF	18 NAQP SSB	19 WANJ/NH QSO Parties	16 Worked All Germany	17 ARRL SS SSB	18 RAC Winter
21 NAQP SSB	22 CQ 160 SSB	24 CQWW WPX SSB	25 SP DX RTTY	26 Hamvention	22 ARRL Field Day	19 Family Time	23 WW Digi	24 CQWW RTTY	20 CQ WW SSB	21 CQ WW CW	22 Happy Holidays
27 CQ 160 CW			29 UK/EI DX CW	30 CQ WPX CW	27 CQ WPX CW	28 RSGB IOTA	29 RSGB IOTA	30			

Rev 1

## E5 - N Cook Is

E51JAN, Janusz, says on October 30th, in Europe is probably the last day of his operation on 40M. After that he is changing the antenna to 30 meters to operate there for the last week.

## T8 - Palau

Nobu JA0JHQ will be T88PB during the JIDX contest. Operation will be November 11 to 14 with 500 watts and inverted V and a yagi. SSB on 160 - 10M.

## A2 - Botswana

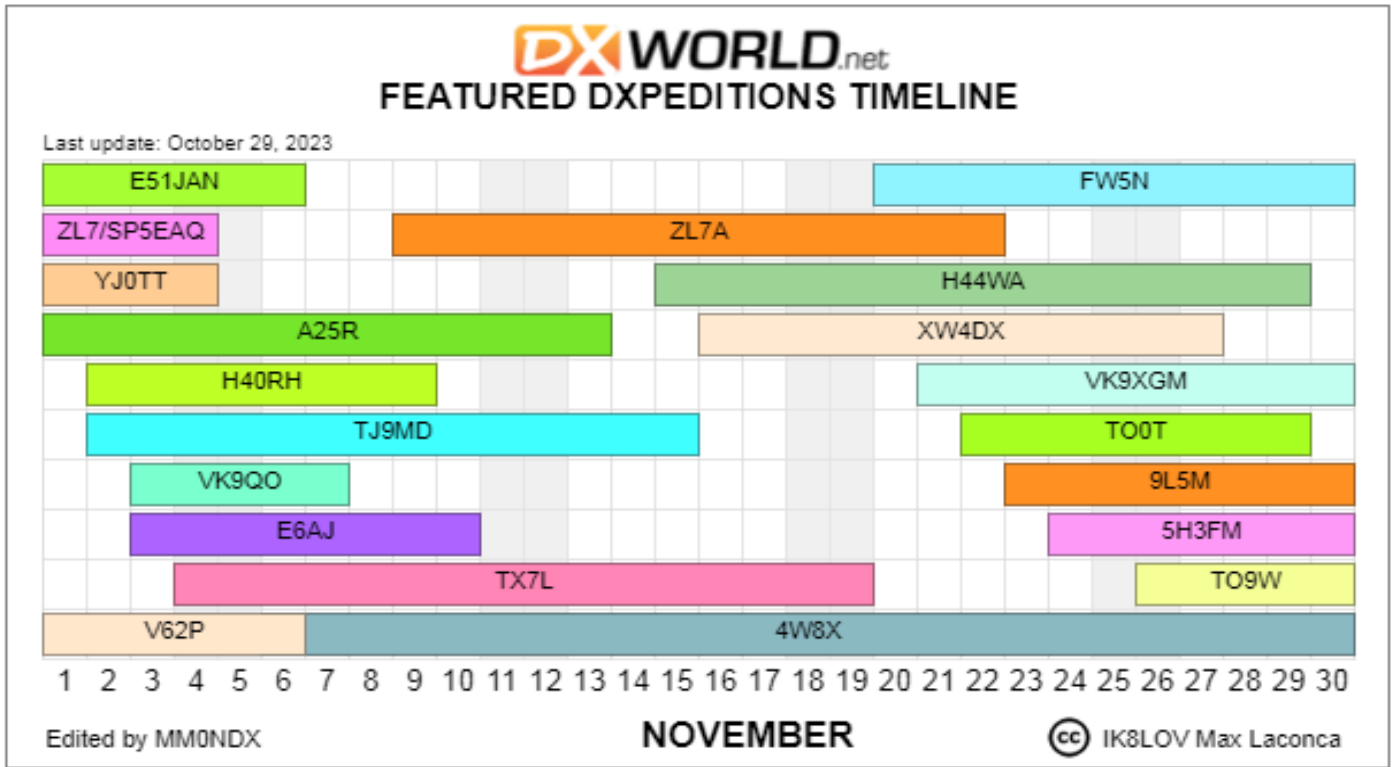
A25RU has been active with 7 operators mostly FT8 on 160 - 10M. Operation continues to November 12th. Here's a link to their web page: [A25RU Webpage](#)

## DUES are DUE

Thank you to Bernie, W3UR, The Daily DX, The Weekly DX, ARRL and DX World, NG3K, CLUBLOG, Dales Tales and CQ magazine for their contributions

# Upcoming DX

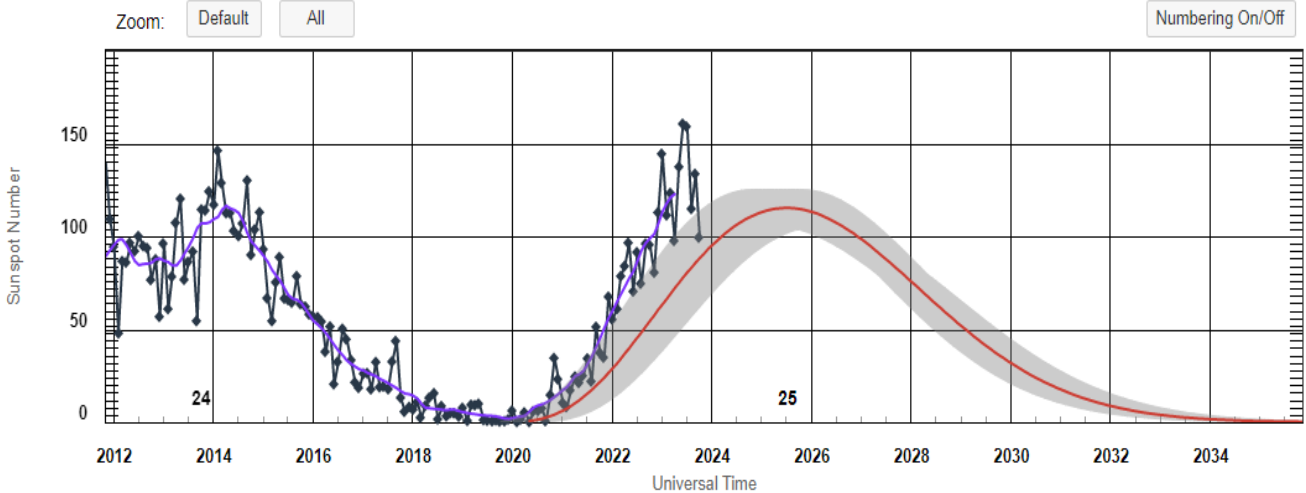
# Credit to DX World



## SOLAR CYCLE 25

NOAA/SWPC

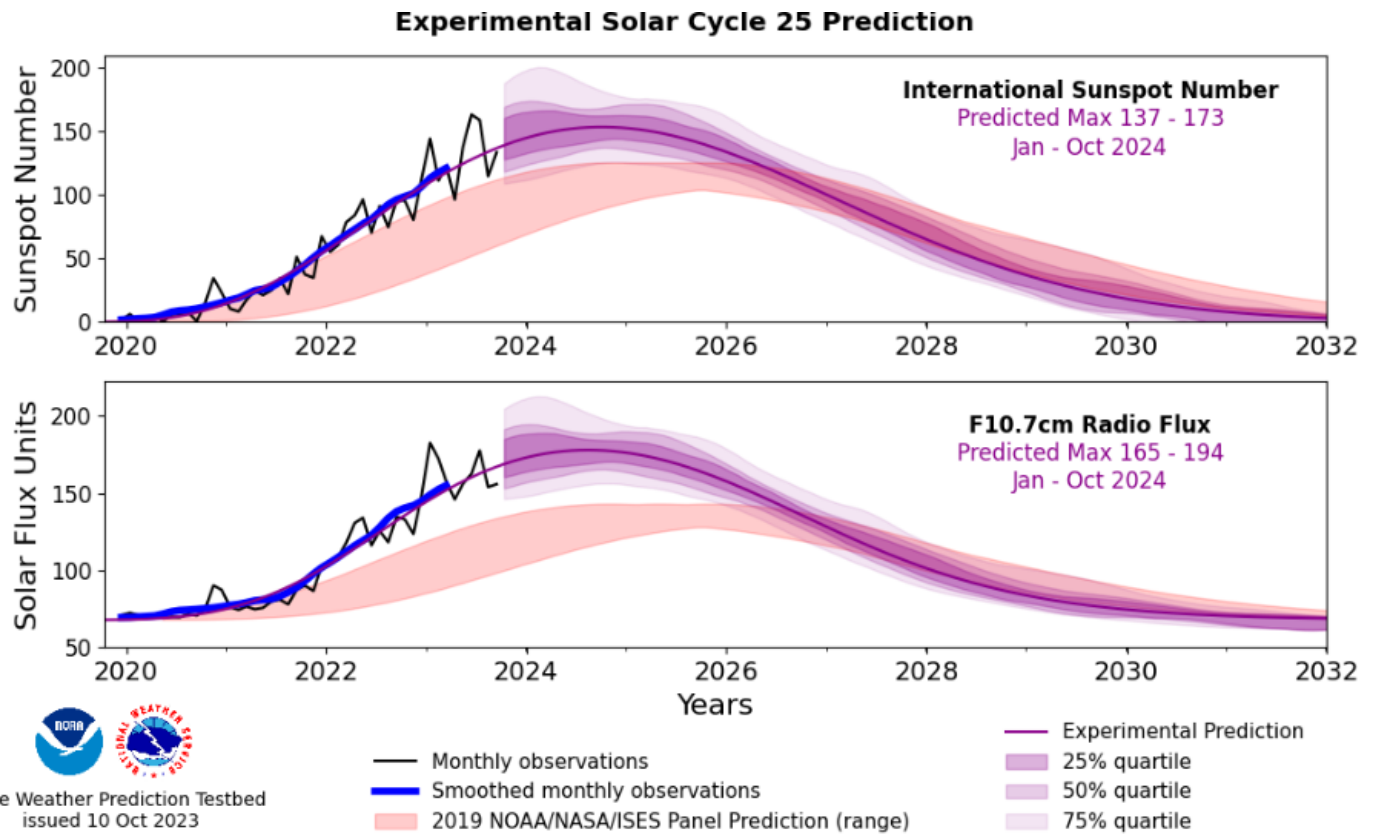
ISES Solar Cycle Sunspot Number Progression



Monthly Values Smoothed Monthly Values Predicted Values Predicted Range

Space Weather Prediction Center

## Solar Cycle Progression Updated Prediction (Experimental)



Since the Solar Cycle was discovered over 180 years ago, its progression has been monitored by counting the number of sunspots and sunspot groups visible (through a solar telescope) on the solar surface each day. These daily measurements are compiled into a monthly average and graphed as a function of time, as indicated by the black line in the top Figure (Figure 1). The blue line is a smoothed version of this observed sunspot number, obtained by applying a 13-month average to each point in the black curve.

Though other quantitative measures of solar cycle progression exist, none has the 400-year history of the sunspot number. In the past few decades there has been a focused effort to standardize and calibrate how the sunspot number is calculated. This effort is reflected in the International Sunspot Number, which is maintained and distributed by the Solar Influences Data Analysis Center (SIDC) at the Royal Observatory of Belgium.

The frequency and severity of solar storms such as flares and coronal mass ejections increases with the sunspot number. Having a reliable forecast of what the sunspot number is likely to be several months or years from now is therefore valuable for space weather customers. The maximum value of the smoothed sunspot number reached in each cycle is referred to as the cycle amplitude, or strength. Amplitudes vary from cycle to cycle, with an average value of 178.

In 2018-2019, NOAA, NASA, and the International Space Environment Service (ISES) convened an international panel to predict the amplitude of Solar Cycle 25 and the date at which solar maximum will occur.

The panel solicited for community input and received nearly 50 distinct predictions that were synthesized into a single prediction, with a range of uncertainty. The uncertainty range of the panel prediction, issued in 2019, is shown as the shaded red area in Figure 1.



## Solar Cycle Progression Updated Prediction (cont'd)

Within several years, it became clear that this panel prediction was too low, just beyond the estimated range of uncertainty. Though it is still interesting from a scientific standpoint to compare the observed progression with the prediction made before the cycle started, a more reliable forecast is needed to accurately assess the potential for space weather hazards.

An updated forecast for the amplitude and timing of Solar Cycle 25 is shown by the magenta line in Figure 1. This is obtained by applying a curve fit to the available observational data (black line) based on the same function that was used to produce the red line. In other words, the parameters in the panel prediction are adjusted to better match the observed sunspot number data. An average is then computed between the current fit and one made without the most recent nine months of data. This makes the prediction more robust to short-term trends. A new prediction is made in this way every month as new data become available.

The shaded regions show the uncertainty in the prediction, obtained by applying the same prediction method to previous cycles at the same stage in each cycle (measured in months since cycle beginning). In particular, the three shades show the first three quartiles of the deviations from previous predictions.

So, this should be interpreted as follows. There is roughly a 25% chance that the smoothed sunspot number will fall within the dark shaded region at a particular time in the future. Similarly, there is a 50% chance the smoothed sunspot number will fall in the medium-shaded region and a 75% chance it will fall in the lightest of the shaded regions.

Figure 2 (bottom) shows a similar prediction made for the solar emission of radio waves in the 10.7 cm (2800 MHz) band. This is often referred to as the F10.7 radio flux and it is found to be highly correlated with solar activity, making it another excellent way to follow the progression of the solar cycle.

As in Figure 1, the black line in Figure 2 represents observations compiled over the course of each month and the blue line represents a 13-month smoothing of these observations. These observations are provided by the Dominion Radio Astrophysical Observatory in Penticton, British Columbia, Canada. The F10.7 radio flux is traditionally given in solar flux units ( $1 \text{ sfu} = 1 \cdot 10^{-22} \text{ Watt per square meter per Hz}$ ).

The range of the 2019 panel prediction (red shaded area) for the F10.7 radio flux in Figure 2 is obtained by applying a conversion to the sunspot number prediction indicated by the red area in Figure 1. The conversion function is a fourth-order polynomial that is calibrated with empirical data.

The quartiles for the updated prediction (magenta shaded region) are obtained by applying the same conversion function to the corresponding sunspot number quartile deviations in Figure 1. The updated prediction itself (magenta line) is obtained via a direct fit to the observed monthly F10.7 data.

The latest predictions for both sunspot number and F10.7 radio flux are provided in the following json file. The high and low values included in this file are those for the 50% quartile (median deviation).

For further information on the observation sources and access to data, see [SWPC's Solar Cycle Progression Website](#).

## Upcoming DX

Credit to: NG3K Amateur Radio  
Contest/DX Page

Editors NOTE:

I've intentionally left a wide  
margin here for your notes on  
band and mode fills required.

Start Date	End Date	DXCC Entity	Call	QSL via	Reported by
<b>2023</b>					
<b>October</b>					
2023 Oct10	2023 Oct30	Tuvalu	<a href="#">T2C</a> [spots]	LoTW	<a href="#">TDDX</a> 20230630
2023 Oct11	2023 Oct30	Cambodia	<b>XU7AME</b> [spots]	eQSL Only	<a href="#">TDDX</a> 20231023
2023 Oct12	2023 Nov06	North Cook Is	<a href="#">E51JAN</a> [spots]	Club Log OQRS	SP9FIH 20230823
2023 Oct18	2023 Oct30	Micronesia	<b>V63AH</b> [spots]	LoTW	DL2AH 20230116
2023 Oct20	2023 Nov04	Chatham I	<b>ZL7</b> [spots]	LoTW	<a href="#">DXW.Net</a> 20230616
2023 Oct22	2023 Dec05	Vanuatu	<a href="#">YJOCA</a> [spots]	See Info	VK2YUS 20230925
2023 Oct24	2023 Oct31	Cayman Is	<b>ZF2RD</b> [spots]	LoTW	<a href="#">TDDX</a> 20231004
2023 Oct25	2023 Oct31	Micronesia	<b>V6SX</b> [spots]	LoTW	<a href="#">DXW.Net</a> 20230716
2023 Oct25	2023 Oct31	Saba & St Eustatius	<b>PJ5</b> [spots]	LoTW	W5JON 20230205
2023 Oct26	2023 Nov04	Vanuatu	<b>YJ0TT</b> [spots]	TBA	<a href="#">TDDX</a> 20221222
2023 Oct26	2023 Nov13	Botswana	<a href="#">A25R</a> [spots]	LoTW	<a href="#">DXW.Net</a> 20231016
2023 Oct27	2023 Oct31	Micronesia	<b>V63CB</b> [spots]	LoTW	<a href="#">TDDX</a> 20230716
<a href="#">CQ Worldwide DX Contest, SSB (Oct 28-29, 2023) Check here for pericon-</a>					
<b>November</b>					
2023 Nov01	2023 Nov09	Temotu	<a href="#">H40RH</a>	OE1JUN	<a href="#">425DXN</a> 20230818
2023 Nov02	2023 Nov15	Cameroon	<b>TJ9MD</b>	(IK2VUC B/d)	<a href="#">DXW.Net</a> 20230901
2023 Nov03	2023 Nov07	Cocos (Keeling)	<b>VK9QO</b>	JI1LET	<a href="#">OPDX</a> 20230927

## Upcoming DX

Credit to: NG3K Amateur Radio  
Contest/DX Page

2023 Nov03	2023 Nov10	<b>Niue</b>	<a href="#">E6AJ</a>	DF8AN (B/d)	<a href="#">DXW.Net</a> 20230406
2023 Nov04	2023 Nov19	<b>Marquesas</b>	<a href="#">TX7L</a>	LoTW	<a href="#">TDDX</a> 20230306
2023 Nov05	2023 Nov10	<b>Bahamas</b>	<b>C6A</b>	LoTW	<a href="#">TDDX</a> 20230821
2023 Nov06	2023 Dec05	<b>Timor Leste</b>	<a href="#">4W8X</a>	LoTW	<a href="#">TDDX</a> 20230722
2023 Nov08	2023 Dec08	<b>Tanzania</b>	<b>5H3MB</b>	LoTW	<a href="#">DXW.Net</a> 20230920
2023 Nov09	2023 Nov22	<b>Chatham Is</b>	<a href="#">ZL7A</a>	LoTW	<a href="#">TDDX</a> 20230802
2023 Nov15	2023 Nov29	<b>Solomon Is</b>	<a href="#">H44WA</a>	M0URX	<a href="#">DXW.Net</a> 20230513
2023 Nov16	2023 Nov27	<b>Laos</b>	<a href="#">XW4DX</a>	LoTW	<a href="#">DXW.Net</a> 20230907
2023 Nov16	2023 Nov30	<b>Namibia</b>	<b>V51WH</b>	DK2WH	<a href="#">DXW.Net</a> 20230913
2023 Nov18	2023 Nov25	<b>Panama</b>	<b>HP1</b>	LoTW	<a href="#">TDDX</a> 20231023
2023 Nov21	2023 Dec05	<b>Christmas I</b>	<a href="#">VK9XGM</a>	LoTW	<a href="#">DXW.Net</a> 20230506
2023 Nov21	2023 Nov28	<b>Honduras</b>	<b>HR9</b>	LoTW	<a href="#">TDDX</a> 20230927
2023 Nov23	2023 Dec06	<b>Sierre Leone</b>	<b>9L5M</b>	LoTW	<a href="#">DXW.Net</a> 20230828
2023 Nov24	2023 Dec05	<b>Tanzania</b>	<b>5H3FM</b>	LoTW	<a href="#">DXW.Net</a> 20231023

[CQ Worldwide DX Contest, CW \(Nov 25-26, 2023\) Check here for pericon-](#)

2023 Nov26	2023 Dec08	<b>St Martin</b>	<a href="#">TO9W</a>	LoTW	K9EL 20230508
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### December

2023 Dec04	2023 Dec12	<b>British Virgin Is</b>	<b>VP2VMM</b>	LoTW	<a href="#">TDDX</a> 20231014
2023 Dec04	2023 Dec16	<b>Micronesia</b>	<b>V6EU</b>	LoTW	DL2AWG 20230707

## Upcoming DX

Credit to: NG3K Amateur Radio  
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2023 Dec26	2024 Jan05	St Vincent & Grena- dines	<a href="#">J87TT</a>	LoTW	<a href="#">DXW.Net</a> 20230905
2023 Dec27	2024 Jan06	Rodrigues I	3B9AT	LoTW	<a href="#">DXW.Net</a> 20230807
<b>2024</b>					
<b>January</b>					
2024 Jan11	2024 Jan30	Montserrat	VP2MDX	LoTW	<a href="#">DXW.Net</a> 20230807
2024 Jan12	2024 Jan18	Palau	T8	See Info	<a href="#">DXW.Net</a> 20230922
2024 Jan17	2024 Jan24	Dominica	J79	Club Log OQRS	FM5BH 20230908
2024 Jan18	2024 Feb01	Clipperton I	<a href="#">TX5S</a>	LoTW	<a href="#">DXW.Net</a> 20230321
2024 Jan19	2024 Jan31	Aruba	P4	Club Log OQRS	DL4MM 20231024
<b>February</b>					
2024 Feb13	2024 Feb20	Juan Fer- nandez	<a href="#">CB0ZA</a>	HA1AG	<a href="#">DXW.Net</a> 20230605
2024 Feb14	2024 Feb24	Guyana	<a href="#">8R</a>	LoTW	DK6SP 20230611
<a href="#">ARRL International DX Contest, CW (Feb 17-18, 2024) Check here for</a>					
2024 Feb20	2024 Feb27	Mauritius	3B8	LoTW	<a href="#">TDDX</a> 20230725
2024 Feb22	2024 Mar07	Temotu	<a href="#">H40WA</a>	LoTW	N6PSE 20230126
2024 Feb25	2024 Mar04	St Kitts & Nevis	V4	K1ZN	K1ZN 20230925
<b>March</b>					
2024 Mar01	2024 Mar31	Benin	TY5C	LoTW	<a href="#">DXW.Net</a> 20230920
2024 Mar02	2024 Mar30	Sint Maar- ten	PJ7AA	LoTW	<a href="#">TDDX</a> 20230807
2024 Mar04	2024 Mar16	Grenada	J3	LoTW	ON4MA 20230622
2024 Mar25	2024 Apr03	Austral Is	<a href="#">TX5G</a>	LoTW	<a href="#">DXW.Net</a> 20230810

## Upcoming DX

Credit to: NG3K Amateur Radio Contest/DX Page

2024 Mar29	2024 Mar31	<b>Mayotte</b>	<b>TO4VV</b>	LoTW	<a href="https://dxw.net">DXW.Net</a> 20230902
2024 Apr05	2024 Apr07	<b>Mayotte</b>	<b>TO4VV</b>	LoTW	<a href="https://dxw.net">DXW.Net</a> 20230902
2024 Apr12	2024 Apr14	<b>Mayotte</b>	<b>TO4VV</b>	LoTW	<a href="https://dxw.net">DXW.Net</a> 20230902
<b>July</b>					
2024 Jul02	2024 Jul15	<b>St Pierre &amp; Miquelon</b>	<b>FP</b>	LoTW	<a href="https://tddx.com">TDDX</a> 20231024

