



Contest Report May 2023

Past Contest Results

1 May 2023 – None to report

2 Upcoming contests in Summer

CQ WW WPX CW contest - May 27 0000Z to May 29 23:49z

[WA7BNM Contest Calendar: 8-Day Calendar](#)

3 ARRL Field Day – June 24/25

4 The next versions of North American QSO Party (NAQP) will be:

July/August 2023 Events

RTTY: 1800 UTC July 15 to 0559 UTC July 16, 2023 (third full weekend in July)

CW: 1800 UTC August 5 to 0559 UTC August 6, 2023 (first full weekend in August)

SSB: 1800 UTC August 19 to 0559 UTC August 20, 2023 (third full weekend in August)



DX Report May 2023

There have been great openings into Africa, Europe and the South Pacific on all bands. 10 and 12 meters have been wide open on many days this month although conditions in the couple of weeks or so were down noticeably as a result of numerous flares, some of which were significant. Aurora was present and visible into the northern parts of the US.

Current Solar Indices from WWV
25-May-2023 at 1805 UTC SFI = 164 A = 12 K = 1
Conditions during the last 24 hours
Space weather for the past 24 hours has been minor. Radio blackouts reaching the R1 level occurred.
Forecast for the next 24 hours
No space weather storms are predicted for the next 24 hours.

The Penticton Observatory SFI value on 24-May-2023 at 2300Z was: 155

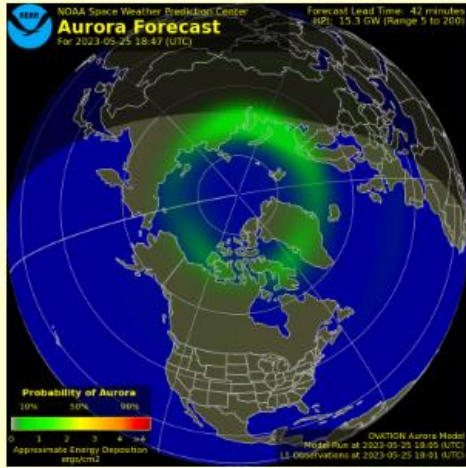
Three Day SFI and A-index Forecast (updated daily after 2200Z) This report issued on May 24, 2023 at 2200Z

Date	SFI	A-index
25 May	160	12
26 May	160	15
27 May	165	8

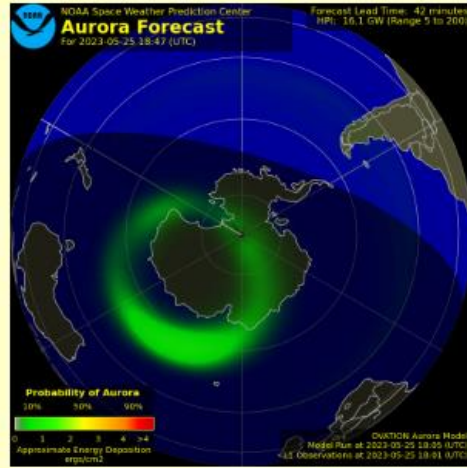
Solar Activity Forecast
Solar activity is expected to be at low levels with a chance for isolated M-class flare (R1-2/Minor-Moderate) events through 25 May primarily due to the history and potential of AR 3311. M-class flare probabilities increase to likely levels 26 May with the anticipated return of old AR 3296.
Geophysical Activity Forecast
Periods of G1 (Minor) geomagnetic storming are likely on 24 May in response to negative polarity CH HSS effects.



Real-Time Northern Hemisphere Auroral Activity



Real-Time Southern Hemisphere Auroral Activity





Recent Major Solar Flare Activity

(usually reported within 30 minutes of event peak)

Date	Time	Magnitude
25-May-2023	1446Z	M1.1
24-May-2023	1800Z	M1.0
24-May-2023	1721Z	M1.8
24-May-2023	0958Z	M1.0
23-May-2023	1213Z	M3.0
22-May-2023	1337Z	M1.9
21-May-2023	1604Z	M2.6
21-May-2023	0223Z	M1.4
20-May-2023	1903Z	M1.1

NOAA (American) Sunspot Number

This number is reported daily around 0225Z and reports the number of sunspots observed in the previous 24 hour period

The NOAA Sunspot number for 24-May-2023 was: **153**

Most recent five days (oldest first): **155 138 140 97 130**

Courtesy of: [Propagation \(qsl.net\)](http://Propagation(qsl.net))



Stations heard and worked during May are below. These stations have been very active on FT8 as well as CW & SSB.

5UA99WS	Niger
V7/N7XR	Marshall Islands
P44X	Aruba
OJ0/LB5SH	Market Reef
3C3CA	Equatorial Guinea
8Q7VJ	Maldives
OY/IW1PRT	Faroe Island
V47JA	St Kitts and Nevis
9X2AW	Rwanda
TZ4AM	Mali

More information on upcoming DXpeditions can be found here:

[Announced DX Operations: 2023 \(ng3k.com\)](https://www.ng3k.com)