



Contest Report June 2024

1. Past Contest Results

CQ WW WPX CW – May 25 – 26th

-Keith and I operated as VC7X from the VE7UF Contest Station in Courtney. Team also included VE7UF, VE7JH and VA7OO.

QSO's – 4416 Raw Points – 15,763,629
Unofficial standings (re 3830)

1st Canada M/M

2nd NA

7th World

2. Upcoming contests in June

ARRL VHF Contest - 1800Z, Jun 8 to 0259Z, Jun 10

West Virginia QSO Party - 1600Z, Jun 15 to 0400Z, Jun 16

ARRL Kids Day - 1800Z-2359Z, Jun 15

ARRL Field Day - 1800Z, Jun 22 to 2100Z, Jun 23

RAC Canada Day Contest - 0000Z-2359Z, Jul 1

For details check the: [WA7BNM Contest Calendar: 8-Day Calendar](#)



Current solar conditions as of: **22:56 UTC on Thursday, May 30, 2024**

Current Solar Indices from WWV
30-May-2024 at 1805 UTC SFI = 171 A = 6 K = 3
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
Space weather for the next 24 hours is predicted to be moderate. Geomagnetic storms reaching the G2 level are likely. Radio blackouts reaching the R2 level are expected.

Recent Major Solar Flare Activity
(usually reported within 30 minutes of event peak)

Date	Time	Magnitude
30-May-2024	0713Z	M1.0
29-May-2024	1841Z	M5.7
29-May-2024	1828Z	M2.7
29-May-2024	1437Z	X1.4
29-May-2024	1255Z	M2.5
29-May-2024	1121Z	M1.8
29-May-2024	0645Z	M1.4
29-May-2024	0106Z	M1.3
27-May-2024	0708Z	X2.8

The Penticon Observatory SFI value on 30-May-2024 at 2000Z was: **173**

Three Day SFI and A-index Forecast
(updated daily after 2200Z)
This report issued on May 30, 2024 at 2200Z

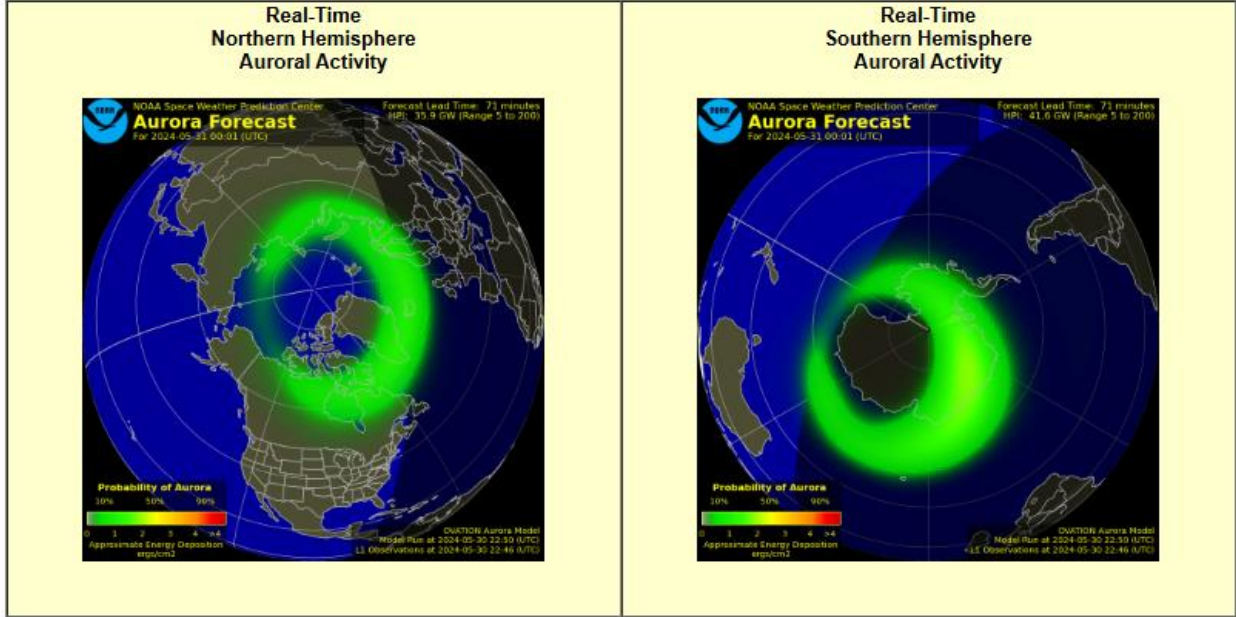
Date	SFI	A-index
31 May	175	25
01 Jun	175	25
02 Jun	175	5

Solar Activity Forecast
R1-R2 (Minor-Moderate) Radio Blackouts are expected, with a chance for isolated R3 (Strong) through 01 Jun.
Geophysical Activity Forecast
G1-G2 (Minor-Moderate) geomagnetic storming is likely on 31 May-01 Jun due to flanking effects from the 29 May CME.

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 29-May-2024 was: **131**

Most recent five days (oldest first): **100 106 148 116 141**



Courtesy of Propagation (qsl.net) <https://dx.qsl.net/propagation/>



Solar Space Weather resources

EarthSky's Sun News is published daily at

earthsky.org/sun/sun-news-activity-solar-flare-cme-aurora-updates

Northwest Research Associate's Table of Space Weather Indices is updated 40 minutes after every hour at

https://spawx.nwra.com/spawx/env_latest.html

SILSO's Estimated International Sunspot Number is updated frequently at

www.sidc.be/silso/DATA/EISN/EISNcurrent.png

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The Penticton 10.7 cm solar flux index is updated daily at 1700, 2000 and 2300Z at:

www.spaceweather.gc.ca/forecast-prevision/solar-solaire/solarflux/sx-5-flux-en.php

SWPC's Estimated Planetary Kp Index is updated every three hours at <https://services.swpc.noaa.go-index.png>

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UK Met Office's EUHFORIA solar wind report and forecast is updated daily at
https://swe.ssa.esa.int/DOCS/portal_images/uk_ral_euhforia_earth.mp4#1708014964422

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UK Met Office's Solar Flare Forecast is updated daily at
<https://swe.ssa.esa.int/web/guest/ukmo-S109c-federated>

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UK Met Office's Solar Wind Forecast and CME Arrival Prediction is updated regularly at
<https://swe.ssa.esa.int/metoffice-enlil-e-federated>

N0NBH's Current HF Band Conditions Report is updated regularly at

www.hamqsl.com/solar.html

KC2G's Near-Real-Time Maps and Data about HF propagation are generated every 15 minutes, from near real time data usually only 5 to 20 minutes old at

<https://prop.kc2g.com>

SWPC's Real Time 24 hour Geomagnetic Data including Bz orientation, IMF field strength, solar wind speed and near real time 30 minute forecasts are updated frequently at

www.swpc.noaa.gov/products/geospace-geomagnetic-activity-plot



SIDC's Daily Bulletin on Solar and Geomagnetic Activity is updated daily at 1230Z at www.sidc.be/spaceweatherservices/managed/services/archive/product/meu/latest

GFZ-Potsdam's three-day GFZ Planetary K Index Forecast is updated every three hours at <https://spaceweather.gfz-potsdam.de/products-data/forecasts/forecast-kp-index>

SWPC's Solar Activity Forecast and Discussion is updated daily at 0030Z and 1230Z at www.swpc.noaa.gov/products/forecast-discussion

Australian Space Forecast Centre's Summary and Forecast is updated daily at 2330Z at [www.sws.bom.gov.au/Space Weather/1/1](http://www.sws.bom.gov.au/Space_Weather/1/1)

Perhaps the most useful HF propagation pages for DXers can be found at <http://dx.qsl.net/propagation> and www.solarham.net



Upcoming DX June 2024

June					
2024 Jun01	2024 Jun15	Greenland	OX3LX	OZ0J	TDDX 20240521
2024 Jun01	2024 Jun15	Mozambique	C91AHV	LoTW	DXW.Net 20240403
2024 Jun05	2024 Jun11	Honduras	HQ9EB <small>NEW</small>	AB5EB	DXW.Net 20240525
2024 Jun05	2024 Jun19	St Martin	FS	LoTW	DXW.Net 20240413
2024 Jun06	2024 Jun12	Mariana Is	KH0N <small>NEW</small>	JA6CNL (B/d)	TDDX 20240528
2024 Jun06	2024 Jun20	Niger	5U5K <small>NEW</small>	IK2DUW Direct	425DXN 20240524
2024 Jun09	2024 Jun12	Br Virgin Is	VP2V <small>NEW</small>	LoTW	TDDX 20240528
2024 Jun14	2024 Jun24	Lord Howe I	VK9LA	LoTW	DXW.Net 20240515
2024 Jun16	2024 Jun29	Maldives	8Q7JF	LoTW	DXW.Net 20240227
2024 Jun18	2024 Jun30	Tanzania	5H3DX	LoTW	DXW.Net 20240507
2024 Jun20	2024 Jul20	Minami Torishima	JD	LoTW	TDDX 20240523
2024 Jun23	2024 Jul05	Turks & Caicos	VP5	LoTW	DXW.Net 20240514
2024 Jun24	2024 Jun30	Wallis & Futuna	FW7JV <small>NEW</small>	LoTW	DXW.Net 20240528
2024 Jun26	2024 Jul09	American Samoa	K8K	LoTW	TDDX 20240515



2024 May24	2024 Jun19	Glorioso Is	FT4GL [spots]	LoTW	DXW.Net 20240315
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Courtesy of: [Announced DX Operations: 2024 \(ng3k.com\)](https://ng3k.com)