



Contest Report October 2024

1. Past Contest Results

California QSO Party

Steve operated from the club station on a casual effort for a total of 10040 points. The contacts have been uploaded to LOTW.

No other results communicated to me.

2. Upcoming contests in June

CQWW SSB Contest 000Z Oct 26 to 2359z Oct 27
- I plan to operate SOSB10 from the club

CQWW CW Contest 000z Nov 23 to 2359z Nov 24
- Keith and I will be operating from the VE7UF contest station

There are numerous small CW and SSB events in late Oct and November.

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



Current solar conditions as of: **22:59 UTC on Thursday, October 24 2024**

Current Solar Indices from WWV
24-Oct-2024 at 2110 UTC SFI = 197 A = 10 K = 2
Conditions during the last 24 hours
Space weather for the past 24 hours has been strong. Radio blackouts reaching the R3 level occurred.
Forecast for the next 24 hours
Space weather for the next 24 hours is predicted to be minor. Radio blackouts reaching the R1 level are likely.

The Penticton 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.

The Penticton Observatory SFI value on 24-Oct-2024 at 2000Z was: **197**

Three Day SFI and A-index Forecast
(updated daily after 2200Z)
This report issued on Oct 24, 2024 at 2200Z

Date	SFI	A-index
25 Oct	200	15
26 Oct	200	18
27 Oct	205	7



Solar Activity Forecast
Solar flare activity is expected to be at Minor to Moderate (R1-R2) levels 24-26 Oct with a slight chance for R3-Strong levels as more magnetically complex regions emerge in the SE part of the disk.
Geophysical Activity Forecast
No G1 (Minor) or greater geomagnetic storms are expected. No significant transient or recurrent solar wind features are forecast.

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

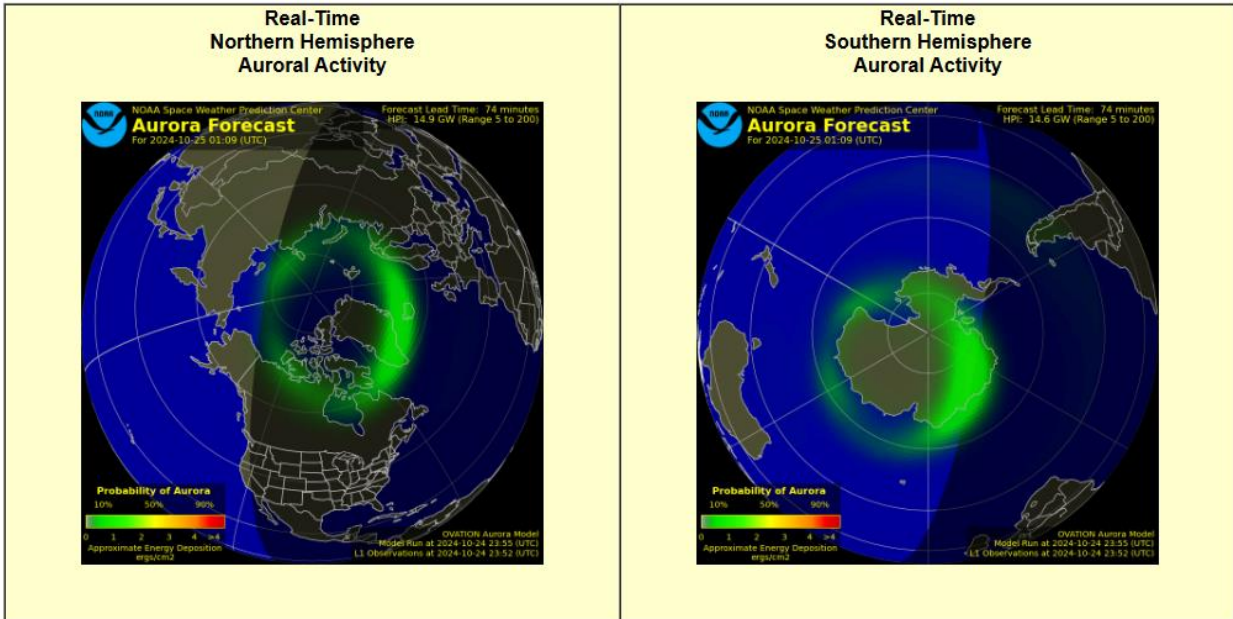
Date	Time	Magnitude
24-Oct-2024	1029Z	M1.2
24-Oct-2024	0357Z	X3.3

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 23-Oct-2024 was: **104**

Most recent five days (oldest first): **132 101 113 168 130**



Click on thumbnails to view a larger image
Images courtesy of the [NOAA Auroral Activity site](https://www.noaa.gov/aurore)

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 October/November 2024

October		NG3K		NG3K	
2024 Oct05	2024 Oct24	Fernando de Noronha	PX0FF [spots]	LoTW	PA3CWN 20241008
2024 Oct09	2024 Nov15	Cocos I	T19 [spots]	EA7FTR	425DXN 20241011
2024 Oct09	2024 Oct27	Reunion	FR [spots]	LoTW	DXW.Net 20240925
2024 Oct09	2024 Nov24	Guyana	8R1TM [spots]	LoTW	TDDX 20240909
2024 Oct10	2024 Oct29	Nauru	C21MM [spots]	Club Log OQRS	DXW.Net 20240729
2024 Oct10	2024 Nov11	Tanzania	5H3MB [spots]	LoTW	425DXN 20240915
2024 Oct15	2024 Oct31	Chatham Is	ZL7IO [spots]	LoTW	OPDX 20240824
2024 Oct16	2024 Oct30	Vanuatu	YJ0VV [spots]	LoTW	DXW.Net 20240109
2024 Oct17	2024 Nov21	Albania	ZA [spots]	LoTW	TDDX 20241014
2024 Oct17	2024 Oct24	Mozambique	C91BV [spots]	EB7DX	DXW.Net 20240814
2024 Oct20	2024 Oct25	Cayman Is	ZF2XX [spots]	LoTW	DXW.Net 20240904
2024 Oct22	2024 Nov05	Wake I	KH9 [spots]	LoTW	TDDX 20241001
2024 Oct23	2024 Nov06	Jamaica	6Y [spots]	eQSL	TDDX 20240429
2024 Oct23	2024 Nov06	Madagascar	5R8 [spots]	Club Log OQRS	DXW.Net 20240917
2024 Oct24	2024 Nov02	Malawi	7Q1 [spots]	EA7FTR	DXW.Net 20240630
2024 Oct25	2024 Nov09	eSwatini	3DA0DL	LoTW	DXW.Net 20240909
2024 Oct25	2024 Nov30	Rotuma	3D2AG/p NEW	LoTW	DXW.Net 20241023



November					
2024 Nov01	2024 Nov15	Cocos Keeling	VK9CV	OK6DJ	DXW.Net 20240630
2024 Nov02	2024 Nov22	St Helena	ZD7	LoTW	DXW.Net 20241004
2024 Nov02	2024 Nov09	Maldives	8Q7TR	OE1TRI	DXW.Net 20240925
2024 Nov03	2024 Nov09	Honduras	HR9	LoTW	TDDX 20241017
2024 Nov05	2024 Nov12	Cayman Is	ZF2KM	LoTW	OPDX 20240911
2024 Nov06	2024 Nov13	Guam	KH2 <small>NEW</small>	LoTW	DXW.Net 20241023
2024 Nov06	2024 Nov16	St Kitts & Nevis	V47JA	LoTW	W5JON 20240124
2024 Nov07	2024 Nov18	Reunion	FR	LoTW	TDDX 20241010
2024 Nov07	2024 Nov24	South Cook Is	E51SGC	LoTW	LZ1GC 20240816
2024 Nov08	2024 Dec12	Fiji	3D2TP	PA3CBH	DXW.Net 20240905
2024 Nov11	2024 Nov16	French Polynesia	FO	LoTW	DXW.Net 20240925
2024 Nov11	2024 Nov20	Sao Tome & Principe	S9Z	LoTW	TDDX 20240709
2024 Nov14	2024 Nov20	Palau	KT8	LoTW	DXW.Net 20240909
2024 Nov15	2024 Nov23	French Guiana	FY	LoTW	DXW.Net 20240926
2024 Nov15	2024 Nov25	Falkland Is	VP8G	LoTW	DXW.Net 20241013
2024 Nov15	2024 Dec04	Rotuma	3D2Y	M0OXO	DXW.Net 20240501
2024 Nov16	2024 Nov29	Wallis & Futuna	FW7AA	LoTW	DXW.Net 20240920
2024 Nov19	2024 Nov26	Chatham Is	ZL7YL	LoTW	OPDX 20240824
2024 Nov19	2024 Nov28	Galapagos	HD8CW <small>NEW</small>	M0OXO	NE8Z 20241023
2024 Nov19	2024 Nov29	St Martin	FS	LoTW	TDDX 20240905
2024 Nov25	2024 Nov29	Gambia	C5T <small>NEW</small>	LoTW	DXW.Net 20241024



2024 Nov25	2024 Dec06	Tonga	A35GC	LoTW	LZ1GC 20240816
2024 Nov30	2024 Dec02	Fiji	3D2NB	LoTW	DXW.Net 20240920
2024 Nov30	2024 Dec13	St Martin	TO9W	LoTW	TDDX 20240506
CQ Worldwid					
December					
2024 Dec02	2024 Dec07	India	AU2K <small>NEW</small>	Club Log OQRS	VE3LYC 20241020
2024 Dec08	2024 Dec18	Br Virgin Is	VP2VMM	LoTW	TDDX 20240726
2024 Dec13	2024 Dec19	Bangladesh	S21DX	LoTW	OPDX 20240818
2024 Dec20	2024 Dec31	French Guiana	TO0J	LoTW	OZ0J 20240331
2024 Dec26	2025 Jan04	Dominica	J75K	LoTW	DXW.Net 20240804
2024 Dec30	2025 Jan03	Mariana Is	KH0	LoTW	TDDX 20240722

Courtesy of: [Announced DX Operations: 2024 \(ng3k.com\)](https://www.ng3k.com)