

[ID 1 and BC Team Message]

[Play File: 14-E-ID1-BT10.wav]

Duration: 2m07s

In: [IDENT 1]

Out: "...VK2WI News on the air."

[Transcript]

I'm Mathew VK2YAP, President of ARNSW and a member of the VK2WI Broadcast team.

Today I'm asking for your help, to keep VK2WI News broadcasts on the air.

Amateur Radio New South Wales has produced and transmitted amateur radio news bulletins for many decades. In the early 1980s, because of the challenges of running good quality and reliable broadcasts, we built a dedicated facility at VK2WI Dural – it's still the only one of its kind in Australia.

VK2WI relies on the effort of our members, to volunteer each week in operating news broadcasts. But, the number of volunteers has been falling. At the current level, we will not be able to continue the regular schedule of broadcasts, into the new year.

For safety reasons, we require two people on site during broadcasts, which is one of the reasons we have an announcer and an engineer.... It also makes the callbacks easier.

The bottom line is this – we need more volunteers to step up; for mornings, for evenings – or for both.

We'll train you on the operation of all the systems here at Dural – so you won't be thrown in the deep end. With enough extra volunteers on the team, we would only need a time commitment of once a month, or even less.

Age is no barrier to taking part – we currently have one operator who is 13, and with his father, is now a regular on the team. I'm sure you've all heard him announcing, and I think he's pretty good, too.

If you enjoy VK2WI news broadcasts, and want them to have a future, we need you to volunteer. Contact us – by email to news@arnsw.org.au, or leave a message with the office, 02 9444 0123.

We need your help, to keep VK2WI News on the air.

In the news from Amateur Radio New South Wales for this week;

VK2WI News would like to hear from clubs and groups planning Amateur Radio activities; just email the details and contact information, to news@arnsw.org.au. We also welcome reports on recent activities.

General enquires can be directed to the ARNSW office via email, to office@arnsw.org.au, or by leaving a phone message on 02 9444 0123.

Tonight, we again welcome listeners via the EchoLink "HAM" conference, and the Australian & New Zealand EchoLink Network. Callbacks will also be taken after tonight's bulletin; our thanks to John VK3HJQ, and the Australian & New Zealand EchoLink Network team, for making this relay available.

Weekly Solar and Geophysical Report

For the period of the 3rd to the 9th of November.

First, the summary of activity;

Dates across the columns are	3 rd	4 th	5 th	6 th	7 th	8 th	9 th
10cm Flux	156	155	155	146	145	146	139
Fredericksburg A-Index	3	12	30	27	11	15	8
Australian A-Index	2	9	37	21	13	9	8 estimated
T index	150	140	96	27	83	134	131

Solar activity reached R1 on the 5th with two M-class flares, M1.8 at 1143UTC and M1.7 at 1432UTC. Activity remained below warning threshold on other days.

Geomagnetic activity in the Australian region reached G1 levels on the 4th and 6th, and G2 on the 5th. A weak geomagnetic impulse of 14 nanoTesla, was observed at 0903UTC.

F2 critical frequencies in Southern Australia were enhanced 25% during local night of the 3rd and 20% on the 4th. The 5th saw depressions of 45% after local dawn. The 6th was depressed 45% during local day and 20% at night; the 7th was depressed 35% during the day and 20% at night; and the 8th returned to near predicted during the day with enhancement of 15% at night. The 9th was also enhanced 15% during local daylight hours.

The forecast, issued on the 10th of November, through until the 16th;

Solar activity is expected to be low with a chance of R1 activity.

Geomagnetic activity is expected to be at G1 with a chance of G2 on the 11th or 12th, due to the arrival of a CME first observed on the 9th.

Maximum usable frequencies may be depressed 20 to 30% on the 11th and 12th due to geomagnetic activity. MUFs near predicted monthly values to 15% enhanced on other days.

Data courtesy of the Australian Space Weather Forecasting Centre.

Solar Flux Index update

Now the updated Solar Flux Index (SFI) figures for this week.

Looking back to October, we had a;

Minimum of 119, Average of 144, and a Maximum of 166
With peak dates from the 1st to the 16th.

So far for November, we have a;

Minimum of 120, Average of 137, and a Maximum of 159
With peak dates from the 1st to the 13th.

And looking ahead to December, we are expecting a;

Minimum of 120, Average of 132, and a Maximum of 150
With peak dates from the 1st to the 10th, and the 24th to the 25th.

Update with thanks to Noel, VK2FUL.

[using daily data updates from :
<http://www.swpc.noaa.gov/products/usaf-45-day-ap-and-f107cm-flux-forecast>]

[Play File: 15-E-ID2.wav]

Foundations of Amateur Radio

This series, written and produced by Onno VK6FLAB, continues a weekly examination, of the building blocks of Amateur Radio.

[Play File: 16-FOAR112.wav]

Duration: 5m04s

In: "The other day..."

Out: "...I'm Onno VK6FLAB"

For more information about this series, including audio, transcripts and other useful amateur radio resources, Onno's website is; vk6flab.com; and you can contact Onno by email, to cq@vk6flab.com.

[WICEN News]

And now with this week's WICEN News, here's Richard VK2SKY;

[Play File: 17-E-WNS1112.wav]

Duration: 2m03s

In: "We all like ..."

Out: "... at wicen.org.au."

[Transcript]

We all like to say that "when all else fails, Amateur Radio will get through". With a major telecommunications outage this week, many of us were able to put that to the test. Despite a G3 level geomagnetic storm, communication on the HF bands still fared pretty well.

There are no WICEN events to report this week, but fire season is upon us, so let's be ready to assist. Listeners might like to check out the featured "Fire Season Toolkit" post on the Manly-Warringah Radio Society web site, which has a list of apps and web sites to keep you safe and informed this summer. There's a link in the text edition of this news.

To participate in any WICEN event, or just find out more about how you can use your Amateur Radio skills in times of need, you can email wicen.ops@vrarescue.org.

WICEN nets take place every Sunday evening, using FM voice, DMR, P25, or HF voice, depending on the week. All WICEN members and other Amateurs are welcome to join in.

Next Sunday, the 6pm net will be on the Kurrajong 70cm FM repeater, 439.825MHz and a 91.5Hz tone, with net controller VK2WIB; and the 6.30pm net will be on HF, on or near 7110kHz LSB. Net controller VK2WIZ will announce the call-in sequence and other information.

WICEN NSW is a support squad of VRA Rescue NSW, specialising in tactical radio communications. In between activations, WICEN supports local community events: these provide practical training for members, and help raise the public profile of Amateur Radio.

To find out more, check out the WICEN NSW web site, at nsw.wicen.org.au.

WICEN is also on Facebook, and on X @wicennsw; there, you can find photos and information about recent and upcoming WICEN activities. For information about other WICEN groups around Australia, visit the web at wicen.org.au.

[WICEN NSW web site: <https://nsw.wicen.org.au/>]

[WICEN NSW facebook at <https://www.facebook.com/WICENNSW>]

[WICEN NSW X: <https://twitter.com/wicennsw>]

["National" WICEN on Facebook: <https://www.facebook.com/groups/124735400158>]

[MWRs Fire Season Toolkit:<https://www.mwrs.org.au/2019/12/14/your-fire-season-toolkit/>]

Club News

We start this week with news from the Oxley Region Amateur Radio Club; and the Club's November Friday Night Get together is at 7pm this coming Friday the 17th, in the SES Building, Central Road, Port Macquarie.

A working bee has been planned for Saturday the 18th of November, to install the VK2RPM DMR repeater at Middle Brother Mountain.

The next Foundation Licence training and assessment weekend will be held in Port Macquarie on Saturday and Sunday the 25th and 26th of November.

There are two club nets each week; the mid-week net from 7:30pm on Thursday nights, and the weekend net at 9am Sunday mornings. Both are on the VK2RPM 2 metre repeater, 146.7MHz with a 91.5Hz sub-audible tone for access, and on EchoLink as VK2RPM-R. Members and visitors are encouraged to participate in the club on air nets as often as possible.

For more information about the Oxley Region Amateur Radio Club, visit the website at orarc.org. The September 2023 issue of the club's bimonthly newsletter "Oxtales" is now online, and past issues are on the website as well. The September issue features articles by Paul VK2ICQ, on recent technical presentations at ORARC meetings. The November issue is in preparation and will be published soon. You can also find the club on Facebook; just search for Oxley Region Amateur Radio Club.

*From Henry VK2ZHE
For the Oxley Region Amateur Radio Club.*

[Play File: 18-E-ID3.wav]

Central Coast Amateur Radio Club

The club rooms at Kariong are open on Saturdays from 10:30am, and as always, members and visitors are most welcome.

At the VK2RAG Somersby repeater site, the D-Star, Rad-Net DMR and 2m EchoLink services, are fully functional.

The 23cm repeater is now linked with the 6m repeater.

The Somersby WebSDR is online at websdr.ccarc.org.au; its configured to listen on 6 metres, 2 metres, 70 centimetres and 23cm.

The Club's Morning Tea Net is on each weekday from 10am, and the weekly Net is at 8pm on Thursday night. Both nets are on the VK2RAG 2 metre repeater - 146.725MHz with a 91.5Hz sub-audible tone, and on the CCARCNSW and HAM EchoLink conferences. The Thursday evening net is also live video-streamed on the club's Facebook page.

You can find out more about the CCARC, including information on upcoming social events and all the details we can't tell you about here; on the web at ccarc.org.au – by phone, 02 43402500 – or social media, search Central Coast Amateur Radio Club; remember to “like” to follow for updates.

73 Alan VK2MG

Publicity Officer, Central Coast Amateur Radio Club.

Blue Mountains Amateur Radio Club

The Club's regular monthly meetings are on the first Friday of the month at 7:30pm. Meetings are at the Club Rooms, 4 Moore Street Glenbrook, in the Blue Mountains – doors open from 7pm.

Visitors and prospective new members are always welcome; the Club is family friendly and will be introducing new activities in the new year, suitable for everyone.

There are several weekly nets – we have details in “Activities on the air” later in this bulletin – and the Club is continuing to ‘trial’ DMR and 6 metre nets – see the Club's website for details.

The Club's next Foundation Weekend is on the 9th and 10th of December, with assessments for Standard and Advanced licences available on Sunday the 10th as well. The next Upgrade class series will start in February 2024.

Courses and exam days do fill-up quickly, so please contact Club secretary, Irene VK2VAN via email to; secretary@bmarc.org to register, or for more information.

More information about the club can be found on the website, at www.bmarc.org.

*Advised by Steven VK2TSG
President, Blue Mountains Amateur Radio Club.*

Waverley Amateur Radio Society

The November meeting of the Society is at 7:30pm this coming Wednesday the 15th, in the ANZAC room of Rose Bay RSL Club, Vickery Avenue, Rose Bay. At this meeting, there will be a discussion on fox hunting.

The society's Christmas party will be on the meeting night, December the 20th. Details have already been emailed to members.

Many members enjoy dinner in the club's bistro prior to the meeting from about 6pm and all are welcome; especially any visitors from other clubs or out of town.

Regular Monday evening nets are at 8pm on VK2RBV, 438.1125 MHz with a -5.4 MHz offset and 91.5Hz tone for access.

Wednesday lunchtime get togethers, continue in the RSL bistro; these now adjourn after lunch to the ANZAC room for some practical activities.

The first Saturday of the month is "project day", also in the ANZAC room at the RSL. The next one is coming up on the 2nd of December.

Other activities are continuing either in person and on Zoom. See the society's website for details.

You can keep up to date with the Waverley Amateur Radio Society on the web, at vk2bv.org. On the site you can also find out more about kits available, update your membership details, and use the contact form to send in any enquiries.

*73 from Eric VK2VE
Broadcast Publicity Officer*

[Manly-Warringah Radio Society]

And now with news from the Manly-Warringah Radio Society, here's Richard VK2SKY;

[Play File: 19-E-MRS1112-ID4.wav]

Duration: 1m58s

In: " This Wednesday is..."

[Out:....IDENT 4]

[Transcript]

This Wednesday is lecture night at the Society, where the topic will be "Underwater Explosions, or How to Sink a Submarine". The club's resident explosives expert, Mike VK2MDP, will be talking about how underwater testing is used to measure the energy output of explosives. The science upon which this is based, comes from military research on how to sink a submarine. Mike has over 30 years' experience in R&D and technology development in the commercial (mining) industry.

As mentioned in WICEN News, the featured blog post on the club web site is "Your Fire Season Toolkit", an update on the article first posted during the Black Summer fires of 2019-2020. It contains a rundown of useful apps and web sites, plus some of the best emergency services audio feeds, so you can stay safe and informed this summer. A direct link can be found in the text edition of this news, and you'll also find it on the front page of the club web site.

The Manly-Warringah Radio Society meets every Wednesday evening at the First Terrey Hills Guides Hall, Beltana Avenue, Terrey Hills. Doors open at 7.30pm for an 8pm start, and visitors are always welcome. If you need directions, call in on the club's 2 metre repeater on 146.875, or check the club web site for details. The web site address is [mwrs.org.au](https://www.mwrs.org.au). The club is also on Facebook, X, and YouTube: just search for the club callsign, Victor Kilo 2 Mike Bravo.

73 Richard VK2SKY, MWRS Publicity Officer

[Fire Season Toolkit: <https://www.mwrs.org.au/2019/12/14/your-fire-season-toolkit/>]

[MWRS on the web: <https://www.mwrs.org.au/>]

[MWRS on Facebook: <https://www.facebook.com/ManlyWarringahRadioSociety>]

[MWRS on X: <https://twitter.com/VK2MB>]

[MWRS on YouTube: <https://www.youtube.com/@VK2MB>]

Activities on the air

Daily;

Manly-Warringah “early bird” net, 6:30am on or near 3690kHz LSB; if that’s too early, the “morning” net is from 8am on or near 7189kHz.

The **CCARC Morning Tea net** *weekdays* from 10am; VK2RAG, 146.725MHz with 91.5Hz tone, also on EchoLink.

Amateur Radio Central West Group lunchtime net; 1pm on VK2RCW.

Mondays;

Westlakes ARC net 9:30am on 40 metres, 7115kHz, VK2ATZ Portable.

Great Lakes Radio Club net 7pm on VK2RGL; 147.1MHz with 91.5Hz tone, EchoLink VK2RGL-R.

Hunter Radio Group VK2AWX News 7:30pm, now on 146.975MHz.

Amateur Radio Central West Group net at 8pm on VK2RCW.

Lightning Net 8pm on 1860kHz, net control Steve VK2STG.

HADARC net 8pm on VK2RNS, 147.25MHz

Waverley ARS net 8pm on VK2RBV, 438.1125MHz with 91.5Hz tone. Activities online and on air; see website.

Tuesdays;

National VKDMR Net: starts at 8pm on Talkgroup 505.

Blue Mountains ARC net from 8pm, 3543kHz.

Illawarra ARS 80m net at 8:30pm, 3666kHz.

Wednesdays;

Westlakes ARC net 9:30am on 7115kHz. 2 Metre nets throughout the week, see website for details.

Armidale District ARC net 3:30pm on 7133kHz.

Hunter Radio Group net 7:30pm, on 146.975MHz and EchoLink node 1474.

HADARC 8pm on 3608.5kHz

[...continues]

Blue Mountains ARC 8pm on VK2RBM, 147.05MHz, 123Hz tone.

Amateur Radio Central West Group from 8pm on 3653kHz.

Thursdays;

Illawarra ARS net 12pm; VK2RMP 146.850 and VK2RUW on 146.675.

Fishers Ghost ARC net 7:30pm on VK2RFG, 438.65MHz with -7MHz offset and 91.5Hz tone; also, on EchoLink.

Oxley Region ARC 7:30pm on VK2RPM 146.7Mhz with 91.5Hz tone.

St George ARS 8pm, VK2RLE 146.8MHz.

The **CCARC weekly net** from 8pm on VK2RAG, 146.725MHz with 91.5Hz tone, and EchoLink.

Fridays;

Morning tea with HADARC 9am on 7106kHz.

Westlakes 9:30am on 7115kHz.

Amateur Radio Central West Group at 8pm, VK2RCW.

Saturdays;

Westlakes Stone the Crows net; 6am on 3588kHz.

Illawarra ARS net 9:30am on VK2RMP and VK2RUW.

Snowy Mountains ARC net 7:30pm on Southeast network; VK2RFS 146.75MHz, VK2RSE 147.375, VK3RDH 146.625, and EchoLink.

Sundays;

Besides VK2WI Evening News, the **Armidale District Amateur Radio Club** net is also on from 7:30pm, on 3633kHz.

Westlakes DMR Net, now from 8:00am, usually on Talkgroup 3802.

Oxley Region ARC from 9am, VK2RPM.

WICEN NSW nets; 6pm on Chatswood 2m or Kurrajong 70cm repeater, 6:30pm on DMR or HF, and 6:45pm on P25. Check website for details.