

# The 144 MHz EME NewsLetter

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Issue 11/2020 15 Nov 2020

## LX EME DXpedition 2020 by PA3CMC, PA3FYC and PA2CHR

Chris PA2CHR sent a report about the September EME DXpedition by Lins PA3CMC, Jos PA3FYC and himself to Luxemburg: "As a result of the very low activity possibilities during the last months we all wanted to organize at least 'something'. So during a nice BBQ at Lins's QTH in August we talked about what to do within reasonable driving-distance and decided to choose Luxemburg.



The LX-Team: from left PA3FYC, PA2CHR and PA3CMC

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The ARI EME contest in September was a good opportunity to become QRV on 2 m and 70 cm. Therefore we chose that particular weekend. On Friday September 18th we all travelled to the camping place in the west part of LX in JN29VW, only a few hours drive from our homes. I had visited this camping place back in 2015 but at that time some trees were blocking moonrise direction for a short period of time. Because of the dry weather during last years these trees had died and were removed now; good for us but not for the environment of course...

When we arrived on site it was a sunny day with perfect weather to assemble the antennas. Both the 2 m and 70 cm stations were located in the backseats of the cars with most connections prepared at home before leaving.



**The shacks were located in the cars right behind the antennas.**

For 2 m we used my newly built 2 x 20 ele xpol yagis. The old array was a bit damaged during the DXpeditions E4, TD, VP2 etc. in the last years to and some of the elements were bent. The new antennas have all elements grounded and they have 8 mm diameter now. The 70 cm antenna was a xpol having 27 elements in horizontal plane and 23 elements in vertical. We also used this antenna at VP2EMB in 2019 with good results.

Moonrise started on Saturday September 19<sup>th</sup> at 0800 UTC with working some JA's and BA4SI with nice signals on 2 m, everything worked fine. Using LX/PA3FYC this first moon pass we completed with 69 stations. On 70 cm we noticed lower activity but yet good signals and conditions.

When the moon and our antenna moved more to the South we unfortunately got a problem with rf feedback into our system on 70 cm. Adding ferrite clamps and/or moving the SSPA about 15 meters from the car did not help. Eventually we solved the problem by turning the complete car (pick-up truck) with antenna in the back, 180 degrees so the antenna 'looked' in another direction according to the equipment in the car.

The next day we changed callsigns on both bands and worked some stations for a new multiplier plus lots of new ones. This was again a very nice day with about 25 degrees C, drinks and sitting outside in the sun. In the afternoon on Saturday Bernd, DF2ZC visited us and we had a nice talk



about DX, locations, new ideas for equipment etc. Sunday around noon we had another visitor, Frank PA4EME. Again nice talks about our hobby.

Around 17 UTC we got some QRM because of beaming over the camping place, so we ceased operations and started to take down all antennas. Final results are: LX/PA3FYC 69 and LX/PA3CMC 36 QSOs on 2 m and LX/PA3CMC 11 and LX/PA3FYC 6 QSOs on 70 cm.



Always highly focussed: Jos PA3FYC in the 2 m shack

With a very good dinner at the restaurant we closed this short but successful and nice activity from Luxemburg. The camping site *Um Bierg* ([www.camping-umbiurg-beaufort.lu](http://www.camping-umbiurg-beaufort.lu)) is a good place and they are very cooperative to help radio amateurs with power, WIFI and space for antennas. Of course we do hope to become QRV next year from another place...

Best 73's and CU on the moon,  
Lins, PA3CMC Jos, PA3FYC Chris, PA2CHR"

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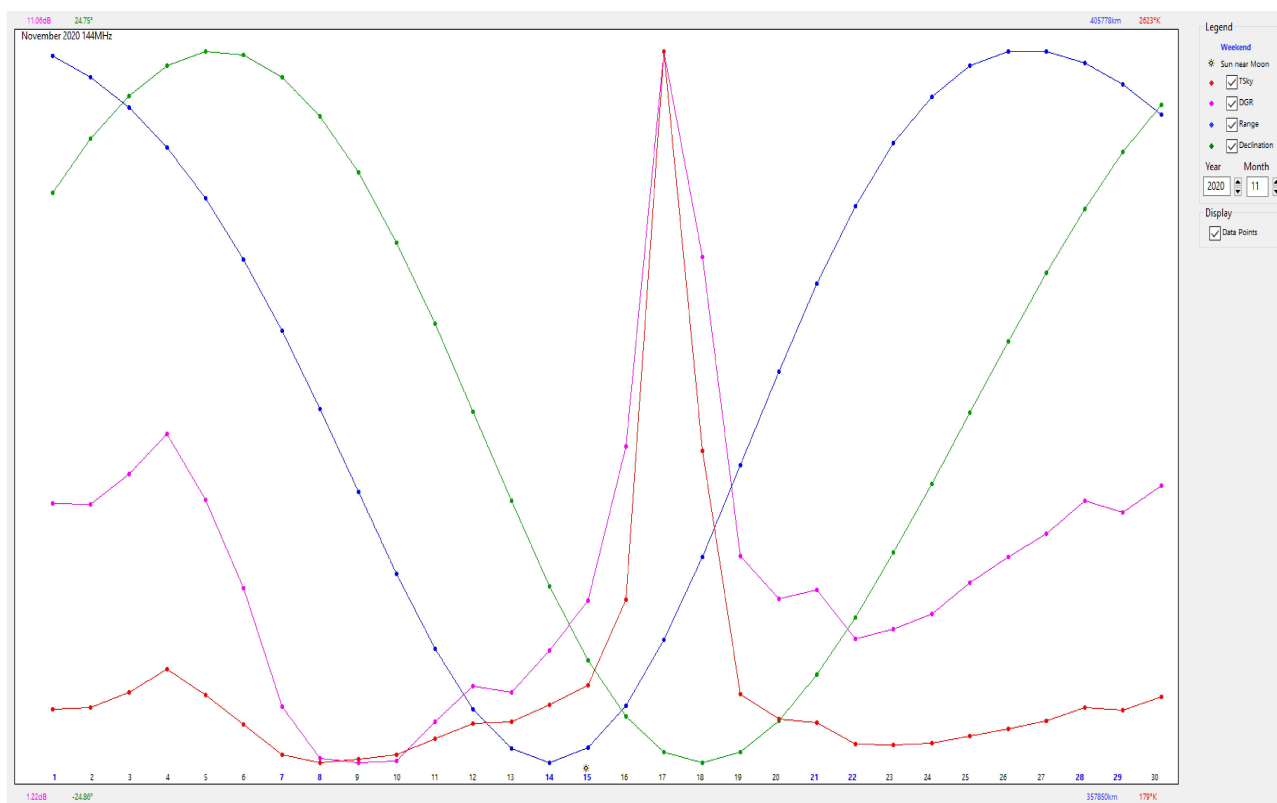
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## Time Table

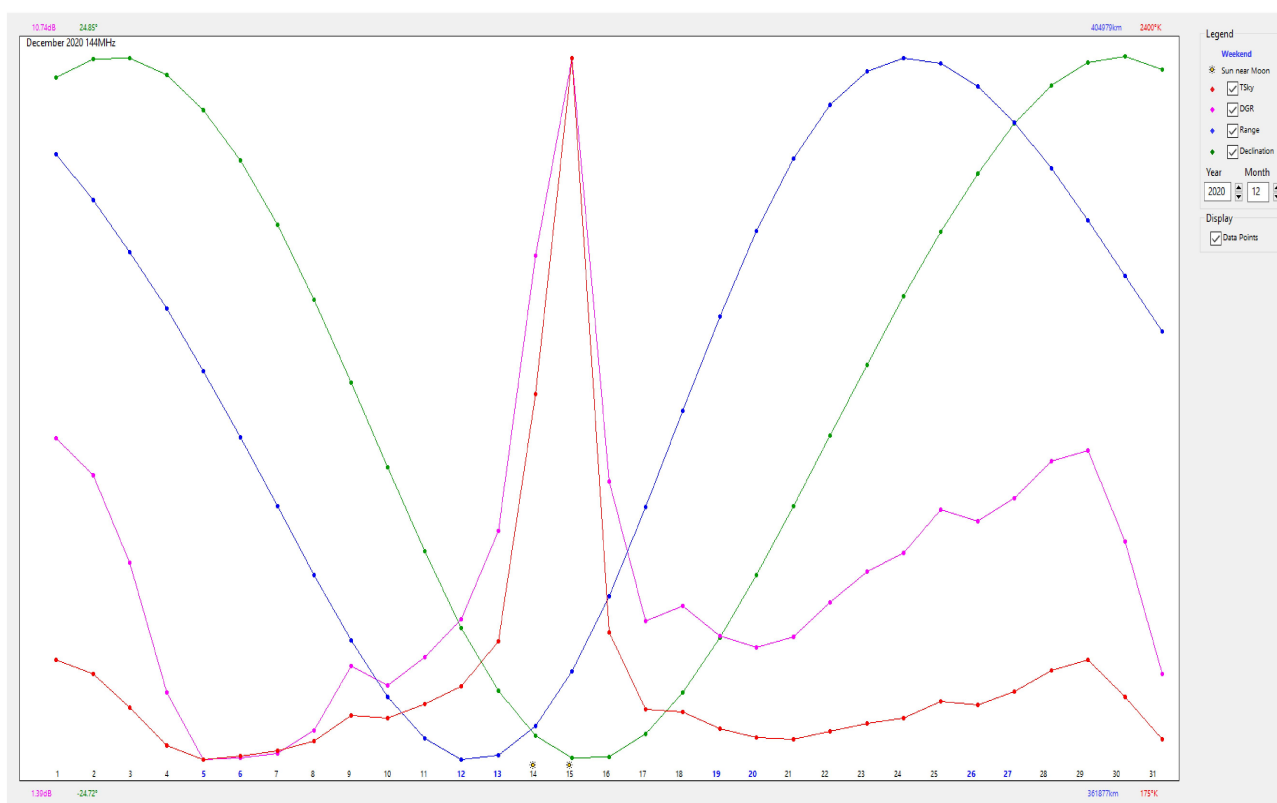
28/29 November ARRL EME Contest (0000 – 2400 UTC)

7 December December Issue of the 144 MHz EME Newsletter ready for download

# Moon Conditions



**Moon Graph November 2020**



**Moon Graph December 2020**

(Courtesy of David GM4JJJ (sk) [www.gm4jjj.co.uk/MoonSked/moonsked.htm](http://www.gm4jjj.co.uk/MoonSked/moonsked.htm))