

LET'S GET DXING

Bob Carter

WR7Q

WHAT IS DXING

DX - long distant contacts

Typically outside US

340 ARRL approved entities

- US has three

- Canada has one

- Mexico has one

- Caribbean has at least twenty

MY HAM HISTORY

First licensed in 2006

Mostly do CW

Challenge to learn after “puberty”

Presentation on that as well

DXCC (100) – 8 Band DXCC

WAZ (40) – CW & SSB

340 entities

Worked 324 (QSO's)

Confirmed 324 (QSL's)

Utah DX Association (UDXA)

Currently VP

Advisor and Admin CW Academy

WHERE IS THE DX

Everywhere in the World

Ten HF Bands to work them on
10 thru 160 meters

HOW DO YOU FIND THEM

Is anyone out there

Can you work them if you can't hear em

What time should I do this

I hear them but I can't work them

WHY DO WE CHASE DX

Interested in Awards

DXCC

WAC

WAZ

Like the Challenge

Being competitive

Interested in "Rag Chewing"

Just want to talk to people

Share information with them

TOP 25 MOST WANTED ENTITIES

Rank	Prefix	Entity Name
1.	P5	DPRK (NORTH KOREA)
2.	BS7H	SCARBOROUGH REEF
3.	CE0X	SAN FELIX ISLANDS
4.	BV9P	PRATAS ISLAND
5.	KH7K	KURE ISLAND
6.	KH3	JOHNSTON ISLAND
7.	3Y/P	PETER 1 ISLAND
8.	FT5/X	KERGUELEN ISLAND
9.	YV0	AVES ISLAND
10.	3Y/B	BOUVET ISLAND
11.	VK0M	MACQUARIE ISLAND
12.	KH4	MIDWAY ISLAND
13.	PY0S	SAINT PETER AND PAUL ROCKS
14.	KP5	DESECHEO ISLAND
15.	VP0S	SOUTH SANDWICH ISLANDS
16.	ZL9	NEW ZEALAND SUBANTARCTIC ISLANDS
17.	FK/C	CHESTERFIELD ISLANDS
18.	VK0H	HEARD ISLAND
19.	FT/T	TROMELIN ISLAND
20.	EZ	TURKMENISTAN
21.	ZL8	KERMADEC ISLAND
22.	YK	SYRIA
23.	VP0G	SOUTH GEORGIA ISLAND
24.	XF4	REVILLAGIGEDO
25.	KH1	BAKER HOWLAND ISLANDS

DO I HAVE A DOG IN THIS FIGHT

You can't work 'em...if you can't hear 'em

You can't hear 'em...if you can't find 'em



Listen

Listen

Listen

FINDING DX – TOPICS

DXpeditions

Spots

Propagation

Methods

DXPEDITIONS



W3UR Bernie McClenny via groups.io <bernie=dailydx.com@groups.io>

to The ▼

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*** The Daily DX (TM) ***

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Volume 29 Number 083

April 25, 2025

Editor/Publisher Bernie McClenny, W3UR

DX News

ZS8 - Prince Edward and Marion Island

No update from YL2GM, Yuris, who we last heard was still on board the S.A. Agulhas II. If there are any updates over the weekend your DX editor will send out news. Also for some reason the ZS8W website has been down for "maintenance".

3C - Equatorial Guinea

MDXC will conduct their next DXpedition to Bioko Island, Equatorial Guinea, from October 30 to November 10. A team of 14 operators will use the callsign 3C2MD and operate on all modes from 1.8 to 50 MHz. Specialists will activate EME (DL8JJ) and QO-100 (GI4DOH) from this DXCC entity for the first time. Equatorial Guinea ranks #127 on Club Log's Most Wanted DXCC List but is semi-rare on "human modes," ranking #66 on CW and #43 on SSB. More details to follow. QSL via IK2VUC. <https://www.qrz.com/db/3C2MD>

KH9 - Wake Island

KH7AL/KH9, Allen, has announced his upcoming plans to be QRV:

Search Results for: dx on this day



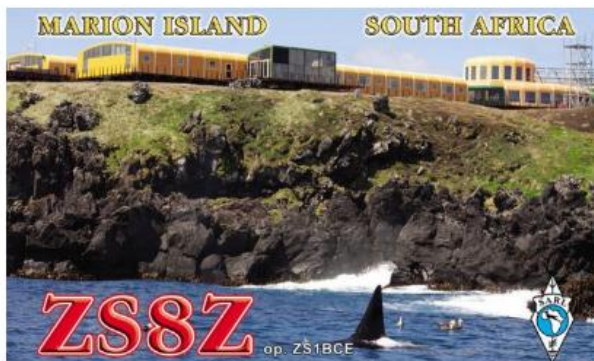
MY TOUR AUG - NOV 2016 MANGAREVA / GAMBIER AND PITCAIRN

DX on this Day

Sep 6, 2022 | 0

Spanning nearly 25 years, looking back from 2021 to 1997 showing DX on this Day. Do you remember...

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DX on this Day

Sep 1, 2022 | 0

Spanning nearly 25 years, looking back from 2021 to 1997 showing DX on this Day. Do you remember...

[Read More](#)

dx on this day

DXPEDITION TIMELINE



JOIN NCDXF TODAY



PREMIUM ADVERTISER I

DX on this Day

Start Date	End Date	DXCC Entity	Call	QSL via	Reported by	
2025		NG3K	NG3K	NG3K	NG3K	NG3K
September						
2025 Sep21	2025 Oct12	Seychelles	S79 [spots]	LoTW	TDDX 20250922	By DL2SBY as S79/DL2SBY; HF; QSL via DL2SBY direct
2025 Sep22	2025 Oct04	Mauritius	3B8 [spots]	5B4AQN	TDDX 20250922	By 5B4AQN as 3B8/5B4AQN; 40-6m, perhaps 80m; mainly CW; holiday stype operation
2025 Sep22	2025 Oct06	Micronesia	V6D [spots]	LoTW	DXW.Net 20250415	By DG2RON DJ7TO DJ9KH DK5WL DL1KWK DL2RNS DL4SVA DL7JOM DL7VEE fm Chuuk I (IOTA C)
2025 Sep28	2025 Oct12	Seychelles	S79 [spots]	LoTW	DXW.Net 20250315	By DL2SBY; HF; focus on 6m; QSL via DL2SBY direct
2025 Sep29	2025 Oct10	Uganda	5X2I [spots]	HA5AO OQRS	TDDX 20250731	By HA5AO; 80-6m; CW SSB FT8
October						
2025 Oct01	2025 Oct08	Bhutan	A52G [spots]	LoTW	DXW.Net 20250827	By PG5M fm Dochula @3100m ASL;; 40-6m; CW, some FT8 using MSHV (v2.76.3); see Web for QSL d
2025 Oct03	2025 Oct07	Christmas I	VK9QO [spots]	LoTW	BH6BEZ 20250811	By JA3GEP JA1COU BA7LVG BH6BEZ; 80-6m; CW SSB FT4 FT8; QSL via JA3GEP
2025 Oct03	2025 Oct12	Mariana Is	WH0RU [spots]	LoTW	OPDX 20250915	By JG7PSJ fm Saipan I (IOTA OC-086); HF; QSL via JG7PSJ direct w/ SASE
2025 Oct03	2025 Oct28	Greenland	OX3LX NEW [spots]	LoTW	OPDX 20250928	By OZ1DJJ fm Nuuk (GP44de); HF + 6 4m; QSL via OZ0J; spare time operation
2025 Oct04	2025 Oct05	Tunisia	3V NEW [spots]	LoTW	OPDX 20251002	By IU0LTQ as 3V/IU0LTQ fm Tozeur; HF; SSB CW; QSL via IU0LTQ
2025 Oct04	2025 Oct27	Burkina Faso	XT2AW [spots]	LoTW	OPDX 20250814	By DF2WO fm Ouagadougou; 160-6m, incl 60m; CW FT4 FT8 SSB; QSL via M0OXO OQRS
2025 Oct05	2025 Oct25	Guatemala	TG9BBV	LoTW	TDDX 20250726	By VE7BV; 40-6m; CW SSB, perhaps FT8; QSL via VE7BV (B/d)
2025 Oct08	2025 Oct13	Svalbard	JW	Home Call	OPDX 20250203	By LA7XK as JW7XK, LA6VM as JW6VM, LA9DL as JW9DL; HF; CW SSB + digital; QRV for Scandinav
2025 Oct08	2025 Oct15	Fernando de Noronha	PY0FB	LoTW	DXW.Net 20250606	By PY2DV; 80-6m; SSB; some FT8 FT4; QSL via M0URX OQRS or PY2DV
2025 Oct08	2025 Oct15	Grenada	J38	M0OXO	DXW.Net 20250726	By GM5RDX as J38DX and 2M0IJU as J38LD; 80-6m; focus on SSB, some FT8
2025 Oct09	2025 Oct17	Panama	HP3 NEW	F4GHS	OPDX 20251003	By F4GHS fm Chiriqui Province; HF
2025 Oct09	2025 Oct20	North Cook Is	E51MWA	LoTW	OPDX 20250723	By N7QT WA7CPA N7JP KC7EFP N9ADG KN2P; 160-10m; QSL via M0URX (See Web for details)
2025 Oct14	2025 Oct24	Vanuatu	YJ0CA NEW	See Info	VK2YUS 20251003	By VK2YUS fm Port Vila; 40-10m; SSB; QSL direct only to address in qrz.com
2025 Oct16	2025 Oct20	Tanzania	5H3MB	LoTW	TDDX 20250915	By IK2GZU; 80-10mw; SSB CW RTTY FT8; QSL via Club Log OQRS or IK2GZU (B/d)

More than just DX News

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[RU](#) [EN](#)

DX Peditions Ham Radio Amateur Radio



TX9W

2025-10-01 17:52:33

TX9W Team will be active from Marquesas Islands, IOTA OC - 027, 19 - 30 April 2026.



 1213  1

[More...](#)



FW5K Wallis

2025-10-01 08:04:45

FW5K Team will be active from Wallis and Futuna Islands, IOTA OC - 054, 20 October - 7 November 2025.



 14648  1

[More...](#)



5X2I Uganda

2025-09-30 21:06:19

Pista, HA5AO will be active as 5X2I from Uganda, 29 September - 10 October 2025.

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Spotter	Freq.	DX	Time	Info	Country
F5GKW	14106.4	HG3TAD	16:21 04 Oct	RU-DIGI-WW RTTY	Hungary
IU3IOU	14253.0	IQ3QR	16:21 04 Oct	CQ AWARD IARU	Italy
N3XF	14045.6	N6S	16:21 04 Oct		United States
F5NLY	14090.0	HB9TIH	16:21 04 Oct	he's wkg F/H	Switzerland
IS0JMA	7145.0	I10IARU	16:21 04 Oct	130/100 Award	Sardinia
IW4BLZ	28074.0	V47JA	16:21 04 Oct	CCC V4* IOTA NA-104	St. Kitts & Nevis
DF6JF	14074.0	3B8FV	16:21 04 Oct	cq	Mauritius
YB1RET	14266.1	S53M	16:21 04 Oct	USB	Slovenia
PA1WLB-@	21258.0	PB6W	16:21 04 Oct	OC test	Netherlands
OK1UOZ	432301.0	OK1NI	16:21 04 Oct	CQ CONTEST JO70	Czech Republic
ON7OFF	21288.0	DU1EG	16:21 04 Oct	from HS0ZPX	Philippines
F4TPV-@	14253.0	IQ3QR	16:21 04 Oct	130 100 IARU	Italy
IT9OPR	14328.0	IQ9BF	16:21 04 Oct	130-100 IARU	Sicily
N3RD	21050.7	K6AQL	16:21 04 Oct		United States
W4EE	28450.2	NX6T	16:21 04 Oct	CaQP RIVE	United States
HA5JI-@	28018.0	W3RJ	16:21 04 Oct	CQ DX strong	United States
WA4WR	14248.0	K6UN	16:21 04 Oct	USB	United States
K9CT	21033.1	NA6O	16:21 04 Oct		United States
EA1AHP	24915.0	DL7UDA	16:21 04 Oct	FT8 -01dB 1660Hz	Fed. Rep. of Germany
NU7K	28390.0	KK7BCO	16:21 04 Oct	SOTA	United States
IT9VDQ	14019.2	SV1ME	16:21 04 Oct	CW	Greece
IS0UDF	28084.0	I10IARU	16:21 04 Oct	rtty 130th Radio 100th IARU	Sardinia
WA0O	21302.1	N6PGQ	16:20 04 Oct	CAL QSO PARTY	United States
SQ8MFM	3719.0	SQ8HNB/P	16:20 04 Oct	PGA LP03	Poland

🕒 16:22:14 04 Oct



Share a spot

My call:

DX:

kHz:

Info:

Share



Propagation Now

Solar-Terrestrial Data

04 Oct 2025 1608 GMT

SFI: 170 SN: 131

A-Index: 30

K-Index: 4

X-Ray: C1.9

304A: 133.7 @ SEM

Calculated Conditions

Band Day Night

80m-40m: Poor Fair

30m-20m: Fair Fair

17m-15m: Fair Fair

12m-10m: Fair Poor

Signal Noise: S3-S4

Click to Install Solar

Data On your Web Site

http://www.m0nkh.com

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← → ↺ 🏠 www.ng3k.com/misc/cluster.html				
Call	Domain Name/ IP address	login	comment	Software, Location, etc.
NC7J Skimmer + Spots	dxc.nc7j.com (dynamically assigned)	call		NC7J AR-Cluster (Syracuse, UT, DN31xb); Sysop: NG7M and W7CT; d Filters may be adjusted to enable and filter skimmer spots to your prefere details see NG7M Connection and Filter Guide
NC7J Direct CW Skimmer	dxc.nc7j.com:7300 (dynamically assigned)	call		Telnet access to NC7J's CW Skimmer (Syracuse, UT, DN31xb)
NC7J Direct RTTY Skimmer	dxc.nc7j.com:7200 (dynamically assigned)	call		Telnet access to NC7J's RTTY Skimmer (Syracuse, UT, DN31xb)
DL4RCK DigiMode Skimmer	dl4rck.ham-radio- op.net:8000 (dynamically assigned)	call		Telnet access to DL4RCK's Digital Skimmer-Cluster
W1AAA	dxusa.net:7300 65.172.152.29:7300	call		W1AAA DX Spider (Ledyard, CT), W1AN (Sysop)
K1AJ	klaj.mine.nu:7300 (dynamically assigned)	call		K1AJ DXSpider (Boston MA)
NN1D	K1RFI.com:7300 (dynamically assigned)	call		NN1D DXSpider Cluster (Swansea, MA)
K1EU	kleu.dynip.com	call		K1EU AR-Cluster (Scarborough, ME)
W1GQ	dx.w1gq.net (dynamically assigned)	call		W1GQ AR-Cluster (Londonderry NH); Skimmer capable
KB1H	dxc.kb1h.com:7300 (dynamically assigned)	call		Dx-Spider (East Killingly, CT); Sysop: KB1H
W1NR	dx.w1nr.net 173.255.227.205	call		W1NR DXSpider (Marlborough, MA); Yankee Clipper Contest Club spo through Java applet (close applet using "File" drop-down menu); NTP ser timelord.w1nr.net
W1NR-8	usdx.w1nr.net 173.255.232.93	call		W1NR DXSpider (Marlborough, MA); Yankee Clipper Contest Club spo to only display spots from callsigns in zones 1-8
WW1R-9	dxc.ww1r.com:7300 (dynamically assigned)	call		Dx-Spider (Newton, NC); Sysop: WW1R

Filters	DX de	Freq	DX	Tags	Comments	UTC	Date
All	E79D	10 136,0	SM100SSA		1100 Hz	12:49	12/09/25
None	IW6CDA	14 270,0	II6IGT0	@	Award aitalian navy ships	12:49	12/09/25
Sources	YB1HR	28 074,0	PA3DZA		FT8 -07dB from JO31 1928Hz	12:47	12/09/25
	BH9FPK	7 068,0	BA7CN		LSB	12:47	12/09/25
	K6ISS	7 074,0	K6ISS/W6C		Route 66 on the air special event!	12:47	12/09/25
	F4WEK	21 006,0	VU2TMP	@	CALLING CQ 73 THAMPI de gg4szd	12:47	12/09/25
DXCC	CX4AV	28 455,0	M0RHK		Tnx Rich...73	12:47	12/09/25
	IU5AXT	7 187,0	II10CI/P		Last5' WWFF-IFF2974	12:47	12/09/25
	G00RC	28 027,6	JY4CI			12:46	12/09/25
	PY3XX	28 455,0	M0RHK		Good SIGS	12:46	12/09/25
Modes	N0AN	50 275,0	KA2UQW		Ionosc SNR -23 Q3* 1047 mi.	12:46	12/09/25
	IZ8VYF	14 080,0	II8IHBC		Italian Navy Ship FT4	12:46	12/09/25
	LX1AX	14 183,0	SC90SM		59+40 special event tnx Leif	12:46	12/09/25
	IW5DNT	14 245,0	0Z8IE/P	@	TNX 5 7/9 IN MUGELLO MICHELE	12:45	12/09/25
CW	IU8NKM	7 074,0	II8IHBC		FT8 Italian Navy Ship	12:45	12/09/25
	K4DY	18 080,0	SP306RAF		CQ	12:45	12/09/25
	F5BQU	14 019,0	W3RJW	@		12:45	12/09/25
	TA7OYG	14 292,0	0E3ICA		USB	12:44	12/09/25
PHONE	F4MQS	21 070,0	F4MQS/P		CQ PSK	12:44	12/09/25
DIGI							

Realtime World Clock

12:50:05 UTC

Friday, 12. of September 2025

Q Search

CALLSIGN

Search

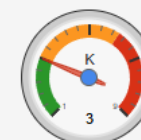
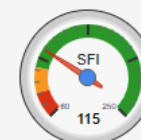
Default Wildcard

Submit

Submit a DX Spot

(Login required)

Propagation



NC7J DX WEB CLUSTER / NG7M & W7CT SYSOPS

FULL TELNET LOGGING SOFTWARE ACCESS @ DXC.NC7J.COM PORT 23

WORLDWIDE SKIMMER & HUMAN SPOTS AVAILABLE VIA TELNET ONLY

--Display Type--
All Bands
--Choose Mode--
--Choose Page--

Only include spots from State: (blank for all)
[Solar Conditions & Propagation](#)

☐ Include VHF Spots (50 Mhz and Above)

DX de KC5SW	18101.5	R9HEB		UA9 7/21/2025 1346Z	TX
DX de W8BG	14031.8	N3RD	CW	K 7/21/2025 1343Z	OH
DX de N7OMS	7075.9	HL5JYS		HL 7/21/2025 1343Z	WA
DX de W4MTO	14267.0	KA9GWM	USB	K 7/21/2025 1343Z	TN
DX de KE4HIE	18100.0	JR8BES	FT8 1629 HZ	JA 7/21/2025 1343Z	AL
DX de WA3AAN	14038.6	W7SW	CW	K 7/21/2025 1343Z	PA
DX de W4GNS	14033.8	AC3RA	MST	K 7/21/2025 1342Z	VA
DX de W8BG	14034.1	N3QE	CW	K 7/21/2025 1342Z	OH
DX de WC9C	14033.8	AC4RA	CW	K 7/21/2025 1341Z	WI
DX de W4GNS	14033.1	K04VW	MST	K 7/21/2025 1339Z	VA
DX de W9GL	21015.5	HA5JI		HA 7/21/2025 1339Z	WI
DX de A16GM-9	7074.8	YB1MPN	CP5H Vertical,80W	YB 7/21/2025 1339Z	CA
DX de WA3AAN	14037.3	VA3TAR	CW	VE 7/21/2025 1338Z	PA
DX de W8BG	14029.5	KE4EA	CW	K 7/21/2025 1338Z	OH
DX de A16GM-9	7074.8	JJ1XRO	CP5H Vertical,80W	JA 7/21/2025 1337Z	CA
DX de KE4HIE	18100.0	JF2HPA	FT8 469 HZ	JA 7/21/2025 1337Z	AL
DX de W8BG	14028.6	KE4CR	CW	K 7/21/2025 1337Z	OH
DX de W8BG	14026.5	W4CMG	CW	K 7/21/2025 1335Z	OH
DX de AC3RA	14036.6	K8BZ	CW	K 7/21/2025 1335Z	PA
DX de KE4EA	14029.1	N6CHU	CWops CW Open Contest	K 7/21/2025 1334Z	SC
DX de KE4HIE	18100.0	JM4WUZ	FT8 2518 HZ	JA 7/21/2025 1334Z	AL
DX de KE4EA	14032.3	N4BP	CWops CW Open Contest	K 7/21/2025 1334Z	SC
DX de KC3M	14028.0	WM4Q	CW	K 7/21/2025 1334Z	PA
DX de KC5SW	18101.5	UB8CCG		UA9 7/21/2025 1334Z	TX
DX de AC3RA	14032.7	N5TOO	CW	K 7/21/2025 1334Z	PA
DX de W8BG	7035.2	WB8JAY	CW	K 7/21/2025 1333Z	OH
DX de KE4EA	14030.5	A15IN	CWops CW Open Contest	K 7/21/2025 1333Z	SC
DX de WC9C	7033.9	W8FN	CW	K 7/21/2025 1333Z	WI
DX de AC3RA	7036.0	N3QE	CW	K 7/21/2025 1333Z	PA
DX de KE4EA	14030.0	KM4FO	CWops CW Open Contest	K 7/21/2025 1332Z	SC
DX de W4MTO	7231.0	W3RSH	LSB	K 7/21/2025 1332Z	TN
DX de WC9C	7029.6	K3QP	CW	K 7/21/2025 1332Z	WI
DX de KE4EA	14028.0	WM4Q	CWops CW Open Contest	K 7/21/2025 1331Z	SC
DX de AC3RA	7033.9	W8FN	CW	K 7/21/2025 1331Z	PA
DX de N7OMS	7075.9	VA7ON		VE 7/21/2025 1331Z	WA
WWV de AE5E	<1200Z>	SFI=150, A=5, K=1,	No Storms -> No Storms		
WWV de AE5E	<0900Z>	SFI=150, A=5, K=1,	No Storms -> No Storms		
WWV de AE5E	<0600Z>	SFI=150, A=5, K=1,	No Storms -> No Storms		

Please switch and start using logging software telnet connections. Telnet to 'dxc.nc7j.com:7373' (port 7373) and login with your callsign. See connection details below and ARC6 cluster manual below. Skimmer Server Spots only available via NC7J telnet connections.

Configure logging software or telnet clients to connect to: dxc.nc7j.com for direct connections.
On-Line Manual: [ARC6 Telnet Commands - User Manual \(Telnet Interface and CW Skimmer Spots\)](#)

label:spot



More ▾

- | | | | |
|--------------------------|--|----------------------------|---|
| ☐ | | Jack AK7O <jfriend31@com. | [UDXA] spot Guinea 18.0681 up 18.071 3XY1T |
| ☐ | | George WF4U <geohirst. (2) | [UDXA] Spot 3XY1T (Italian DXpedition Team in Guinea) 21083.0 up 1.5 RTTY - >They are using a real time, on |
| ☐ | | Jack AK7O <jfriend31@com. | [UDXA] spot Lesotho last day 14.024 up 1.8 7P8C |
| ☐ | | Jack AK7O <jfriend31@com. | [UDXA] spot Falkland VP8RHF 18.082 up 1+ |
| ☐ | | Bryce K7UA <k7ua@comcast. | [UDXA] Spot PJ2/N1ZZ 1830.0 simplex |
| ☐ | | Jack AK7O <jfriend31@. (2) | [UDXA] spot South Shetlands LU1ZI 14.0251 up 1.1 - Thanks Jack, I wasn't aware this was a new DXCC, thinking |
| ☐ | | Jack AK7O <jfriend31@com. | [UDXA] spot Timor- 4W/DJ2EH 21.0098 up 1+ |
| ☐ | | George WF4U <geohirst. (2) | [UDXA] Spot VP8DRC 1827.0 up 1 - The they pretty much in and out of the mist here. Mostly out. When I could o |
| ☐ | | George WF4U <geohirst@ya. | [UDXA] Spot VP8IDX 3523.0 up 1 - Not real strong, but Q5. Not hearing them on 160 so far. George - WF4U |
| ☐ | | George WF4U <geohirst. (2) | [UDXA] Spot LU1ZI (South Shetland Is.) 10110.5 up 6 - Thanks. Good signal. I worked him as well. QSX 10116.6 |
| ☐ | | George WF4U <geohirst. (2) | [UDXA] Spot VP8IDX (Falklands) on 160 tonight - Thanks for the info George. Rich KM7R > On Feb 15, 2016, at |
| ☐ | | George WF4U <geohirst@ya. | [UDXA] Spot 7P8C (Lesotho) 3750 up 5 - He is not very strong, but is Q5 here. New one on 80 for me. According |
| ☐ | | Jack AK7O <jfriend31@com. | [UDXA] spot V55V RTTY 7.058 simplex contest |
| ☐ | | Richard NI7F <Richard_Ha. | [UDXA] spot 7P8C RTTY 10.1407 MHz worked up 4.5 |
| ☐ | | George WF4U <geohirst@ya. | [UDXA] Spot CE0Y/W7YQA Easter Island 10.1175 up 2 - He is working mainly JAs with a few NAs. He uses LoTV |
| ☐ | | Richard NI7F <Richard_Ha. | [UDXA] spot 7P8C RTTY 10.1272 up 2 worked 01:50 UTC |
| ☐ | | George WF4U <geohirst. (3) | [UDXA] Spot 7P8C (Lesotho) 14235 up 5-15 - Trying this again... I got the elusive "/usr/sbin/sendmail: fork: Canr |
| ☐ | | Bob WR7Q <kcgator@gmail.. | [UDXA] spot 7P8C 14.0113 qsx 14.0133 loud - Lesotho |
| ☐ | | me | spot 7P8C 14.0113 qsx 14.0133 loud - Lesotho |
| ☐ | | Richard NI7F <Richard_Ha. | [UDXA] spot 7P8C RTTY 7.0396 MHz worked up on 7.0427 MHz - spot 7P8C RTTY 7.0396 MHz worked up on 7 |
| ☐ | | George WF4U <geohirst@ya. | [UDXA] Spot 7P8C (Lesotho) on 80 & 160 - 7P8C is being spotted on 80 and 160 meters by EU stations. That m |
| ☐ | | Ed K7UC <janed32@q.co. (2) | [UDXA] Spot 7P8C 24.892 up - I am glad you heard him Ed. I hear and heard nothing, not even a pileup. jack Or |
| ☐ | | Jack AK7O <jfriend31@com. | [UDXA] spot HL16RI special event 21.088 simplex QSL via HL4CCM buro RTTY |
| ☐ | | John K7ALA <k7ala@arr. (2) | [UDXA] SPOT 7P8C 14.202 qsx 14.210 - John, You are welcome. Richard From: John K7ALA <k7ala@arri.net> |

WV 10-04 1806 Z
 SFI 170 History
 Q: 0 A 30 4 K

Outgoing spot

Call 14,135.0 Freq Cluster
 Notes X Local

Spot source status

Report Stats Prop Config Help

	Callsign	LastOri	Freq	RcvdTime	Source	QSQ	Pfx	Mode	DXCCCountry	Notes
▶	VE3CXQ	NA-E	21,075.1	04-Oct-25 2020	KO4IOL		VE	RTTY	Canada	
	K1MCO	NA-E	18,100.0	04-Oct-25 2020	K1MCO		K	FT8	United States	CQ FT8 CQ Call Now
	EA4II	NA-E	21,075.1	04-Oct-25 2002	KO4IOL		EA	RTTY	Spain	
	EA1SA	NA-M	24,915.0	04-Oct-25 2001	WA2JQZ		EA	FT8	Spain	FT8 DM78<>IN83 +2007 Hz
	CE3SOC	NA-M	28,075.0	04-Oct-25 1959	KC0IUY		CE	RTTY	Chile	
	EA3IZB	NA-E	14,074.8	04-Oct-25 1958	K4CAE		EA	RTTY	Spain	
	VE2JD	NA-E	21,075.1	04-Oct-25 1956	KO4IOL		VE	RTTY	Canada	
	HB9DIU	NA-E	14,074.8	04-Oct-25 1954	K4CAE		HB	RTTY	Switzerland	
	V6D	NA-W	18,100.0	04-Oct-25 1951	VA6SZ		V6	FT8	Micronesia	FT8
	H82AT	NA-M	28,075.9	04-Oct-25 1950	KI9DX		HP	RTTY	Panama	
	PP5BK	NA-E	50,313.0	04-Oct-25 1949	K1TOL		PY	FT8	Brazil	FT8>Maine -1db
	4V1SB	NA-E	21,075.1	04-Oct-25 1948	KO4IOL		HH	RTTY	Haiti	
	ZD7CTO	NA-M	28,075.9	04-Oct-25 1947	KI9DX		ZD7	RTTY	Saint Helena	
	VP2MAA	NA-W	28,080.0	04-Oct-25 1945	NA6JD		VP2-M	RTTY	Montserrat	
	G7SLB	NA-E	14,074.8	04-Oct-25 1942	K4CAE		G	RTTY	England	
	KO4PRE	NA-E	28,074.0	04-Oct-25 1939	N1FXP		K	RTTY	United States	EL86XQ<>FM18
	SZ4VJ	NA-E	28,074.0	04-Oct-25 1936	KK4CDK		SZ	FT8	Kenya	FT8 -19dB 2134Hz
	ON3XMU	NA-E	21,074.5	04-Oct-25 1931	KR4EE		ON	RTTY	Belgium	
	G6BFP	NA-E	14,074.8	04-Oct-25 1924	K4CAE		G	RTTY	England	
	XQ5BRC	NA-E	28,074.0	04-Oct-25 1922	KK4CDK		CE	FT8	Chile	FT8 -15dB 1956Hz
	ZS6OB	NA-E	28,074.0	04-Oct-25 1919	KK4CDK		ZS	FT8	Republic of South Africa	FT8 -20dB 495Hz
	EA1IOK	NA-E	21,074.5	04-Oct-25 1918	KR4EE		EA	RTTY	Spain	
	VP2MAA	NA-E	28,080.0	04-Oct-25 1914	J88BTI		VP2-M	RTTY	Montserrat	QRV
	D2UY	NA-E	28,075.4	04-Oct-25 1911	KD2DLL		D2	RTTY	Angola	
	FG4SU	NA-E	28,074.0	04-Oct-25 1910	N1FXP		FG	RTTY	Guadeloupe	EL86XQ<>FK96

Sort

☐ First ☐ Call
☐ Last ☐ Freq
☒ Rcv ☐ Az

Filter: Band and Mode and Origin

X AutoHide Need Call DXCC Freq Tag Band Mode Cont Origin
 Audio Age LoTW eQSL Mrthn S
 E-W M-W no FT8 160 80 40 30 20

www 10-04 1806 Z **Outgoing spot** **Spot source status**

SFI Call Freq

Q: 0 A K Notes

	Callsign	LastOri	Freq	RcvdTime	Source	QSX	Pfx	Mode	DXCCCountry	Notes
▶	HH2AA	NA-W	24,911.0	04-Oct-25 2018	VA7WQH		HH	CW	Haiti	S/F hamdx.org
	9H1US	NA-E	29,250.0	04-Oct-25 2013	KA3JAW		9H	FM	Malta	FN20JQ<ES>JM75FV C4FM
	V6D	NA-W	18,100.0	04-Oct-25 1951	VA6SZ		V6	FT8	Micronesia	FT8
	9Y4C	NA-E	24,914.5	04-Oct-25 1903	KD2DLL		9Y	CW	Trinidad & Tobago	
	ZD9BV	NA-E	24,950.0	04-Oct-25 1826	K1TL		ZD9	SSB	Tristan Da Cunha & Go	CQ NA now 5x7
	OM8GT	NA-E	21,075.6	04-Oct-25 1737	W4PSK		OM	RTTY	Slovakia	
	ZB2IF	NA-E	18,100.0	04-Oct-25 1723	WT4Q		ZB2	CW	Gibraltar	Tnx 2101 hz
	A52G	NA-E	21,092.0	04-Oct-25 1719	VE3MZD		A5	RTTY	Bhutan	mshv decoding 3/4 streams
	ZB2IF	NA-W	18,100.0	04-Oct-25 1707	VA6SZ		ZB2	FT8	Gibraltar	FT8
	V6D/BADSPOT	NA-M	18,135.0	04-Oct-25 1704	KG0US		V6	SSB	Micronesia	Sorry
	V6D	NA-M	18,135.0	04-Oct-25 1658	KG0US		V6	FT8	Micronesia	FT8 PSE 20m Phone
	3B8HK	NA-E	24,917.9	04-Oct-25 1549	VE3FAC		3B8	CW	Mauritius Island	
	ZD7CTO	NA-M	24,915.0	04-Oct-25 1542	AD5MQ-5		ZD7	CW	Saint Helena	
	A71EM	NA-W	18,100.0	04-Oct-25 1524	VA6SZ		A7	FT8	Qatar	FT8
	J88IH	NA-W	18,100.0	04-Oct-25 1514	VA6SZ		J8	FT8	Saint Vincent	FT8
	T77R	NA-E	21,074.0	04-Oct-25 1413	K2QB		T7	FT8	San Marino	FT8
	4X1YA	NA-E	24,915.0	04-Oct-25 1338	K2QB		4X	FT8	Israel	FT8
	ZD7CTO	NA-E	24,916.8	04-Oct-25 1315	AH2O		ZD7	CW	Saint Helena	
	9H1MRC	NA-E	28,490.0	04-Oct-25 1259	W8DMB		9H	SSB	Malta	59 into GA.
	FM8BK	NA-M	21,075.1	04-Oct-25 1234	KB8OTK		FM	RTTY	Martinique	
	9H1MRC	NA-E	28,490.0	04-Oct-25 1216	K4TR		9H	SSB	Malta	
	V6D	NA-E	1,822.5	04-Oct-25 1125	W4NU	1,823.5	V6	CW	Micronesia	QSQ 1823.50
	V6D	NA-E	1,822.5	04-Oct-25 1030	N4IQ		V6	CW	Micronesia	NIL COPY IN SC 1031Z
	V47JA	NA-M	10,137.0	04-Oct-25 1003	K8WDX		V4	FT8	Saint Kitts & Nevis	FT8 -05
	VK2WF	NA-E	1,829.6	04-Oct-25 0920	K1ZM		VK	CW	Australia	ca cw now 579

Sort ☐ First ☐ Call ☐ Last ☐ Freq ☒ Rcv ☐ Az

Filter: SQL [E-W]

Audio Age LoTW eQSL Mrthn

WV 10-04 1806 Z
 SFI 170 History
 Q: 0 A 30 4 K

Outgoing spot

Call 14,135.0 Freq Cluster
 Notes X Local

Spot source status

Report Stats Prop Config Help

	Callsign	LastOri	Freq	RcvdTime	Source	QSO	Pfx	Mode	DXCCCountry	Notes
▶	V6D	NA-W	18,100.0	04-Oct-25 1951	VA6SZ		V6	FT8	Micronesia	FT8
	ZD7CTO	NA-M	28,075.9	04-Oct-25 1947	KI9DX		ZD7	RTTY	Saint Helena	
	5Z4VJ	NA-E	28,074.0	04-Oct-25 1936	KK4CDK		5Z	FT8	Kenya	FT8 -19dB 2134Hz
	FR5GS	NA-E	21,074.2	04-Oct-25 1823	W8BLA		FR	FT8	Reunion Island	FT8
	A52G	NA-E	21,092.0	04-Oct-25 1719	VE3MZD		A5	RTTY	Bhutan	mshv decoding 3/4 streams n
	ZB2IF	NA-W	18,100.0	04-Oct-25 1707	VA6SZ		ZB2	FT8	Gibraltar	FT8
	V6D	NA-M	18,135.0	04-Oct-25 1658	KG0US		V6	FT8	Micronesia	FT8 PSE 20m Phone
	7Z1GF	NA-E	28,074.3	04-Oct-25 1623	W4PSK		HZ	RTTY	Saudi Arabia	
	A71EM	NA-W	18,100.0	04-Oct-25 1524	VA6SZ		A7	FT8	Qatar	FT8
	J88IH	NA-W	18,100.0	04-Oct-25 1514	VA6SZ		J8	FT8	Saint Vincent	FT8
	T77R	NA-E	21,074.0	04-Oct-25 1413	K2QB		T7	FT8	San Marino	FT8
	4X1YA	NA-E	24,915.0	04-Oct-25 1338	K2QB		4X	FT8	Israel	FT8
	V6D	EU	14,090.0	04-Oct-25 1218	PC9T		V6	FT8	Micronesia	641 kHz FT8 IOTA OC-011
	V6D	NA-E	10,132.5	04-Oct-25 1143	W3KN		V6	FT8	Micronesia	FT8
	V47JA	NA-M	10,137.0	04-Oct-25 1003	K8WDX		V4	FT8	Saint Kitts & Nevis	FT8 -05

Sort

☐ First ☐ Call
☐ Last ☐ Freq
☒ Rcv ☐ Az

Filter: Band and Mode and Origin and [Unworked DXCC]

X AutoHide Need Call DXCC Freq Tag Band Mode Cont Origin
 Audio Age LoTW eQSL Mithn S
 E-W M-W no FT8 160 80 40 30 20

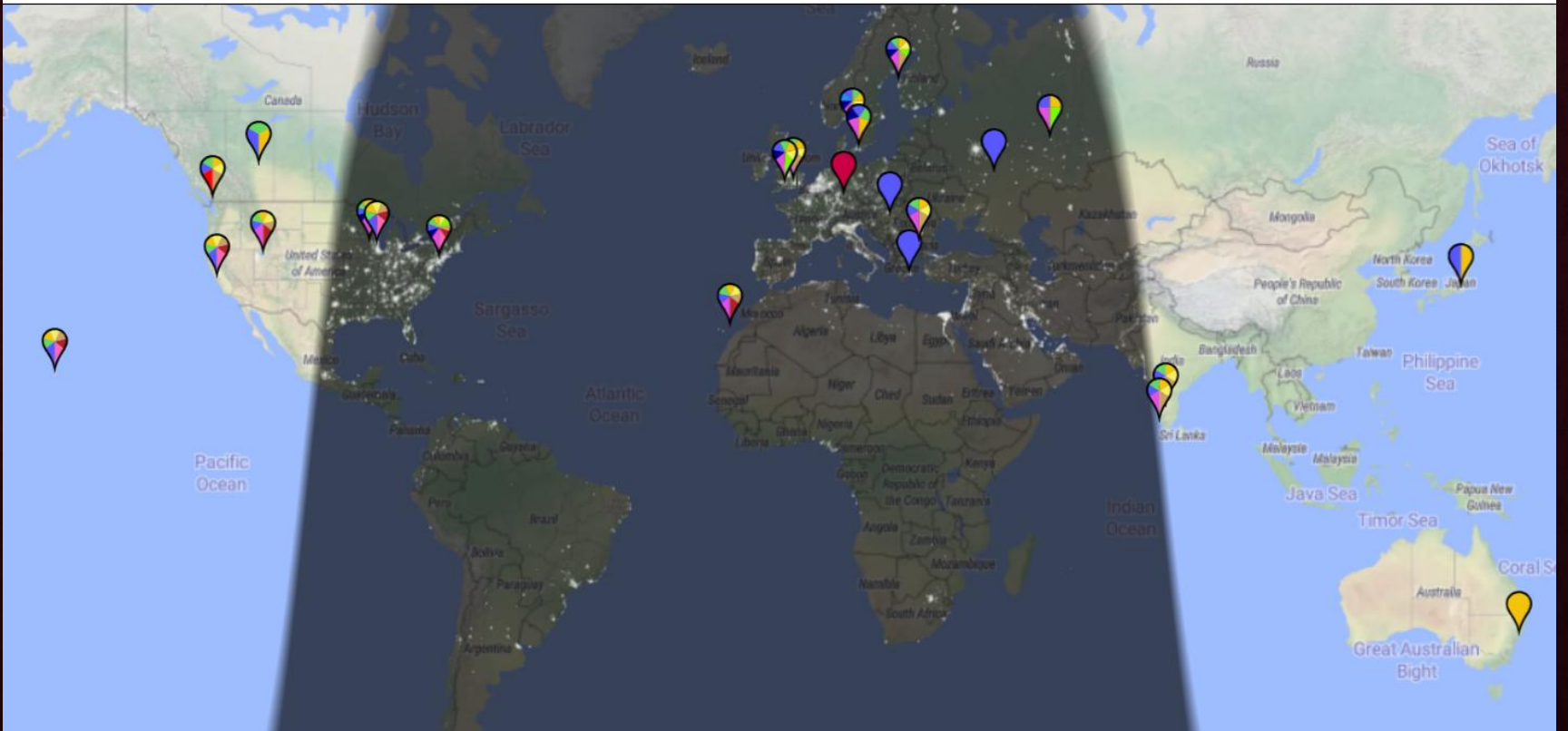
pskreporter.info/pskmap.html

📶 🟢 🟡 🟠 🟤 🟥 🟦 🟧 🟨 🟩 🟪 🟫 🟬 🟭 🟮 🟯 🟰 🟱 🟲 🟳 🟴 🟵 🟶 🟷 🟸 🟹 🟺 🟻 🟼 🟽 🟾 🟿 🟰 🟱 🟲 🟳 🟴 🟵 🟶 🟷 🟸 🟹 🟺 🟻 🟼 🟽 🟾 🟿

w signals sent/rcvd by the callsign using CW over the last 24 hours Go! [Display options](#) [Permalink](#)

5 minutes. Large markers are monitors.

W monitors: 13 on 40m, 5 on 20m, 2 on 30m, 2 on 80m, 1 on 60m, 1 on 4m. [Show all on all bands.](#) [Legend](#)





Map

- | | |
|--|-----------------------------------|
| ☒ Countries | ☐ CQ zones |
| ☐ Continents | ☐ ITU zones |
| ☐ Maiden Fields | ☐ ITU Regions |
| ☐ Auroral zones | |

Scan DX

Config

Plot

DX

- | |
|--|
| ☒ Spots |
| ☐ QSOs |
| ☐ My |

Log: WR7Q.mdb

- | | | |
|--------------------------------|--|------------------------------------|
| ☐ QSOs | ☒ Unworked | ☐ Confirmed |
| ☐ Entities | ☐ Unconfirmed | ☐ Verified |

NOT ALL DX IS FROM DXPEDITIONS

Contests

Short Exchange

Endless number of DX station

During Major Contests

Bands are loaded with DX

Pile-ups are less intense

PROPAGATION

WHAT IS IT

In a nutshell

It's what the Sun does to the atmosphere
to make a potential path to the other guy

Direction

Short path

Long path

No path

PROPAGATION PREDICTION SOFTWARE

SolarHam

by Amateur Radio Station **VE3EN**



Space Weather for July 22, 2025

[Help Center + FAQ](#)

UTC Time **01:26:37 Tuesday**

Indices: (7/22 @ 00:35 UTC)

SFI **143** ▼ 7

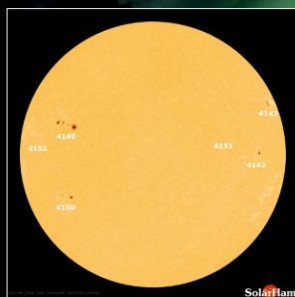
SSN **130** ▼ 9

AREA **870** ▼ 200

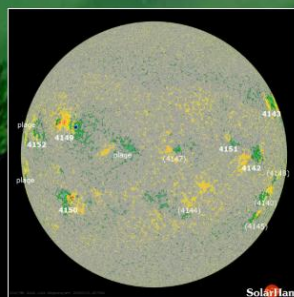
WWV

30 Days

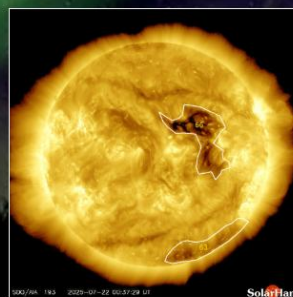
Progression



HMI Intensity
[Latest](#) | [Movie](#) | [HARP](#)



HMI Magnetogram
[Latest](#) | [Movie](#)



Coronal Holes
[Analysis](#) | [Movie](#)



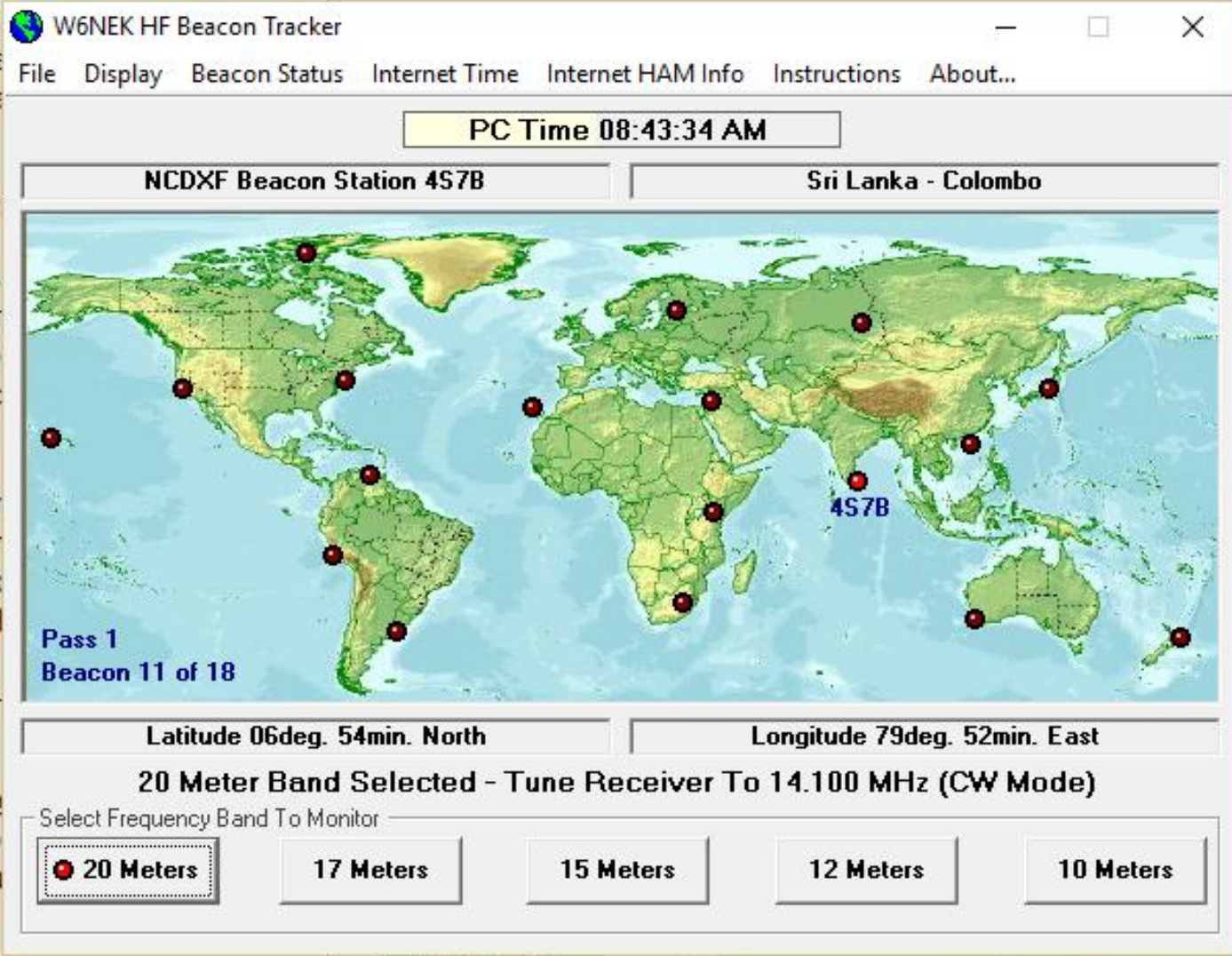
AIA 131 (Latest)
094 **193** **304** [Movie](#)



SUVI 304 (Latest)
131 **195** [Movies](#)

Imagery: [SDO](#) | [AIA](#) | [GOES](#) | [GONG](#) | [STEREO](#) | [CORONAGRAPH](#)

Video: [SDO](#) | [GSFC](#) | [SUVI](#) | [SOHO](#) | [STEREO](#) | [Helioviewer](#) | [YouTube](#)



WHERE IS THE BEST PROPAGATION

Depends on a number of Factors

Number of Sunspots

Day or night

Summer or Winter

High bands or Low

SUNSPOTS



HIGH NUMBER OF SUNSPOTS

Daytime

High bands are great

Follow the Sun from East to West

Nighttime

High bands may be there after dark

40m generally good

Low bands are OK

Winter better

LOW NUMBER OF SUNSPOTS

Daytime

10m thru 15m may be non-existent

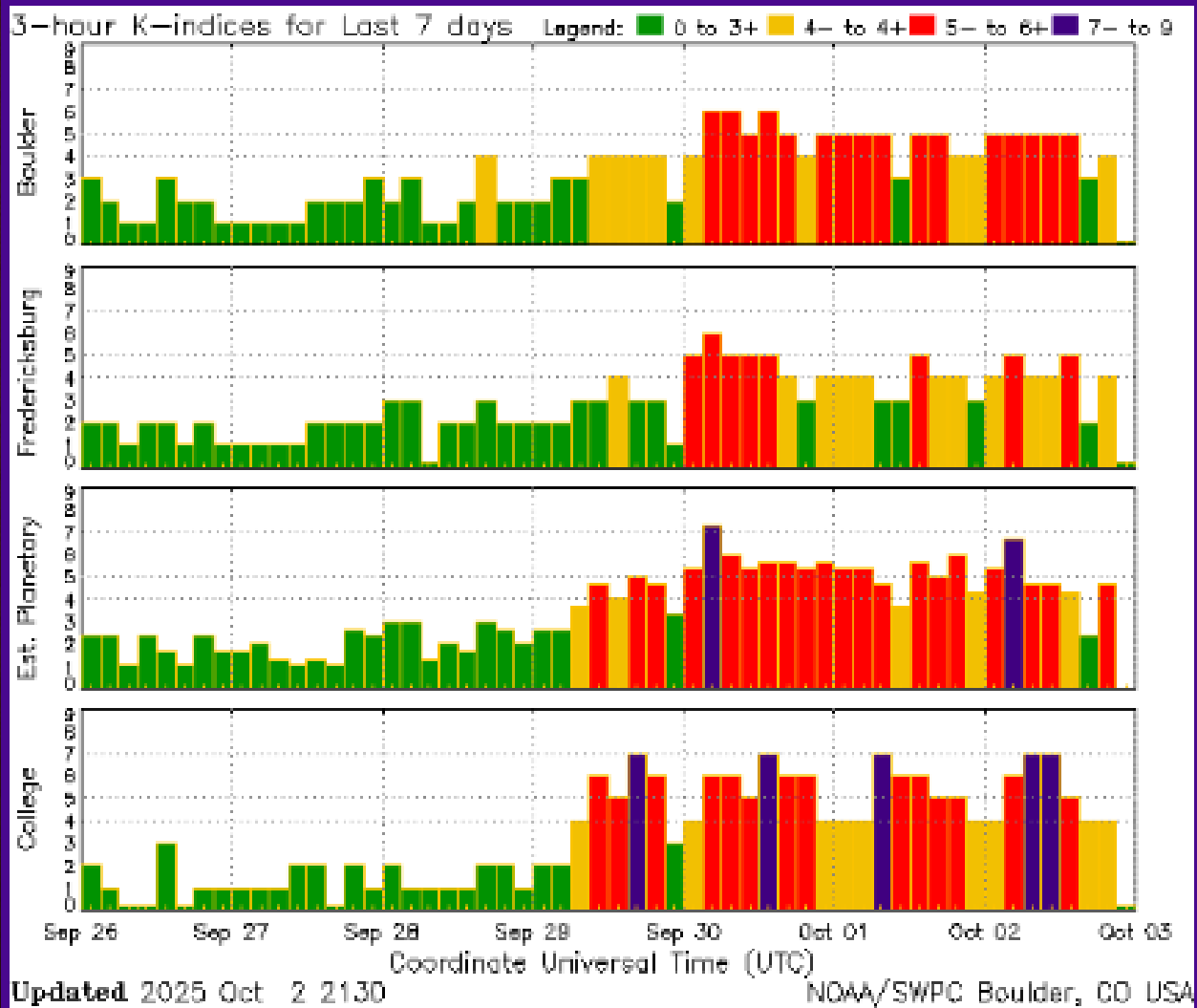
40m can be good

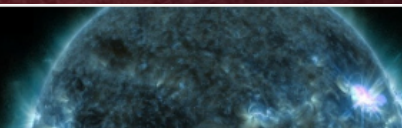
Nighttime

Low bands are very good

High bands might be gone

Winter is generally better



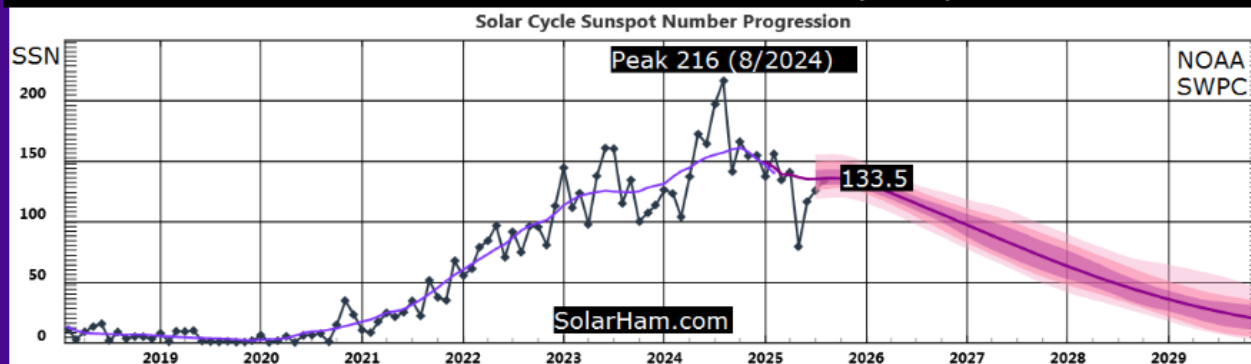


Solar Cycle 25 Progression

(Updated September 5, 2025)

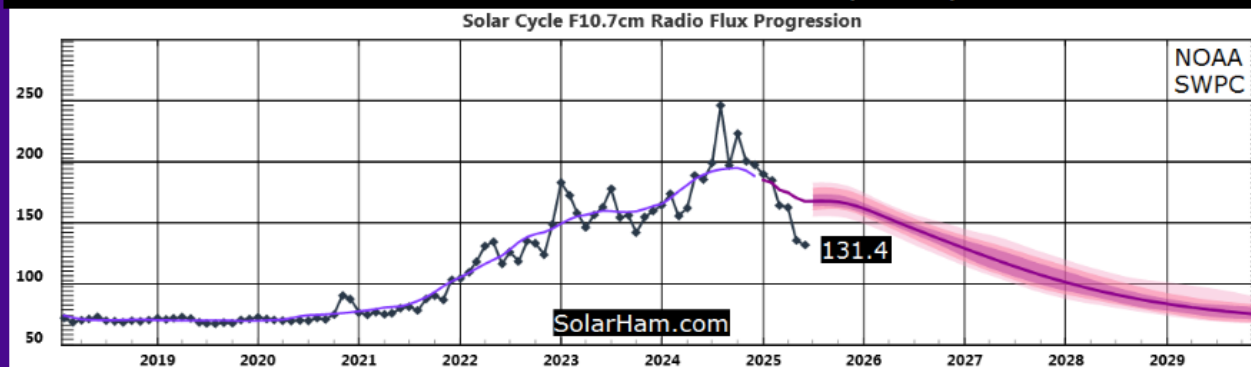
Sunspot Number Progression (August 2025)

Predicted SSN: 135.5 **Actual: 133.5** Latest **Smoothed Predicted SSN (2/2025): 144.6** **Actual: 139.9**



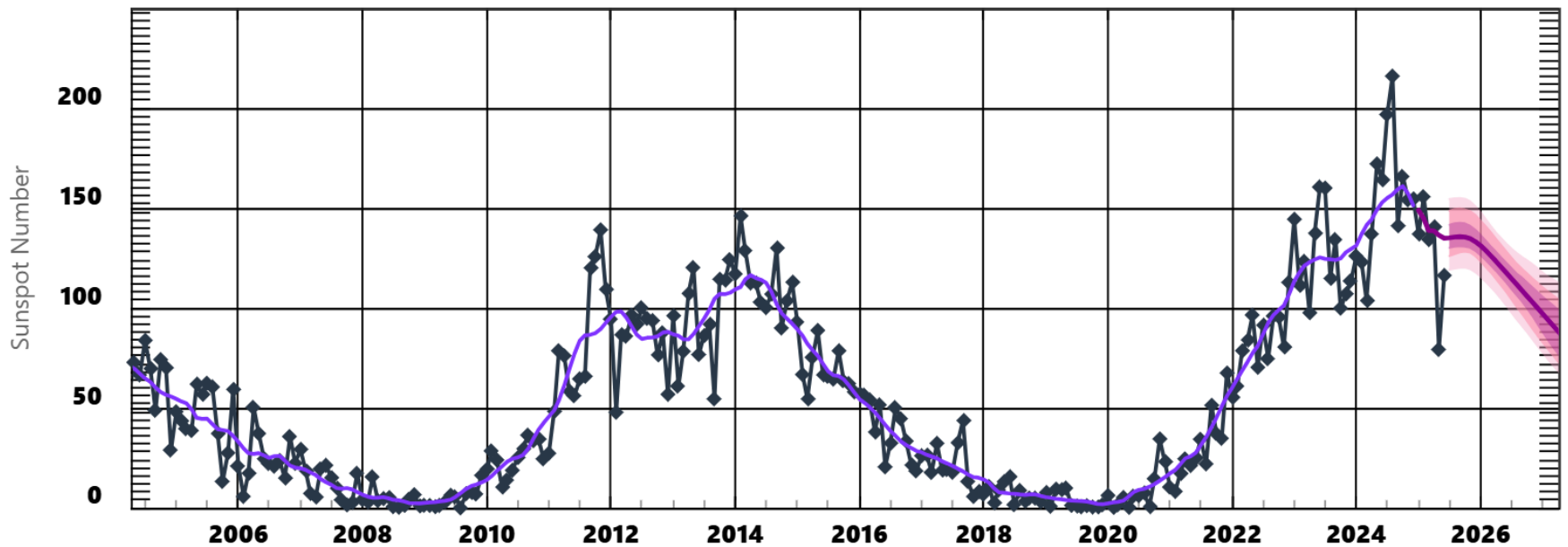
10.7cm Solar Flux Progression (June 2025)

Predicted SFI: 167.2 **Actual: 131.4** Latest **Smoothed Predicted SFI (12/2024): ---,-** **Actual: 187.9**

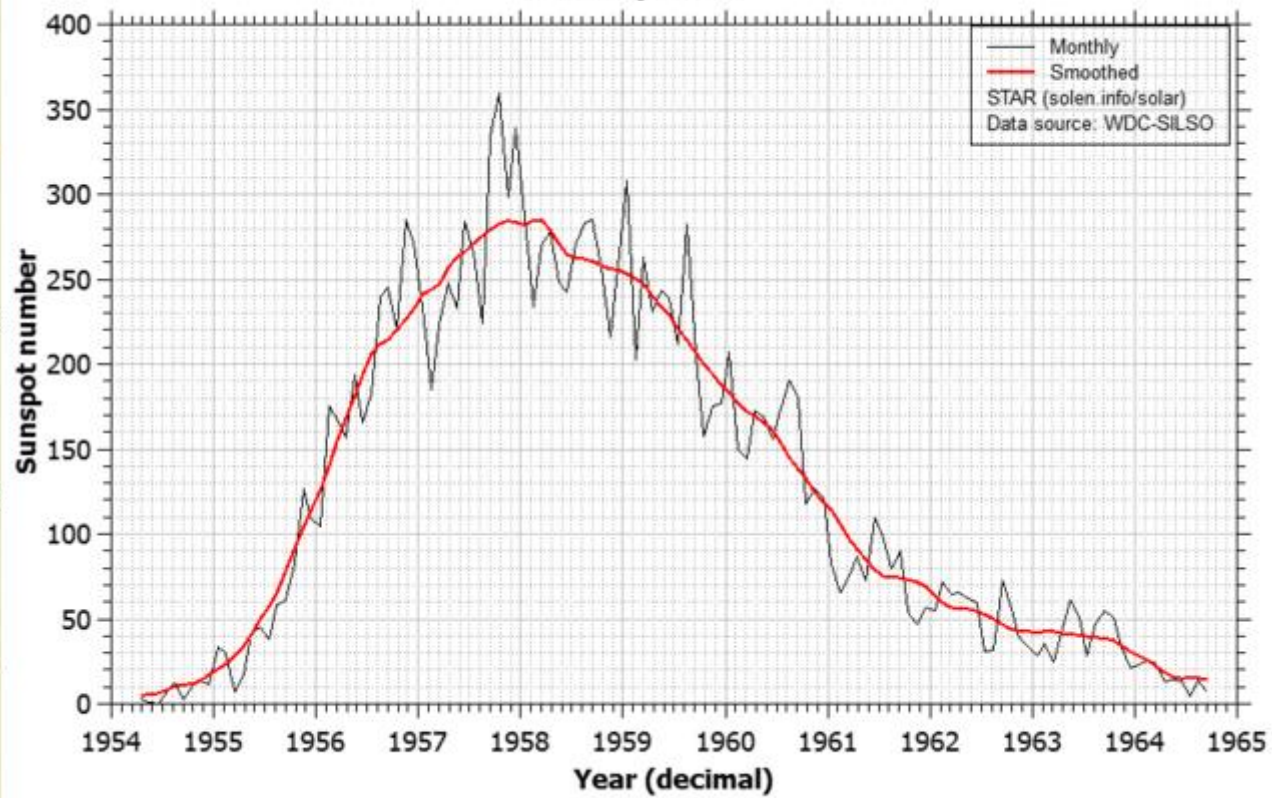


LAST TEN CYCLES

Solar Cycle Sunspot Number Progression



Solar cycle 19



SOLAR CONDITIONS

Solar Cycle

11 year repeat...typically

We're on the downslope of Cycle 25

Sunspots

Do not cause changes in propagation

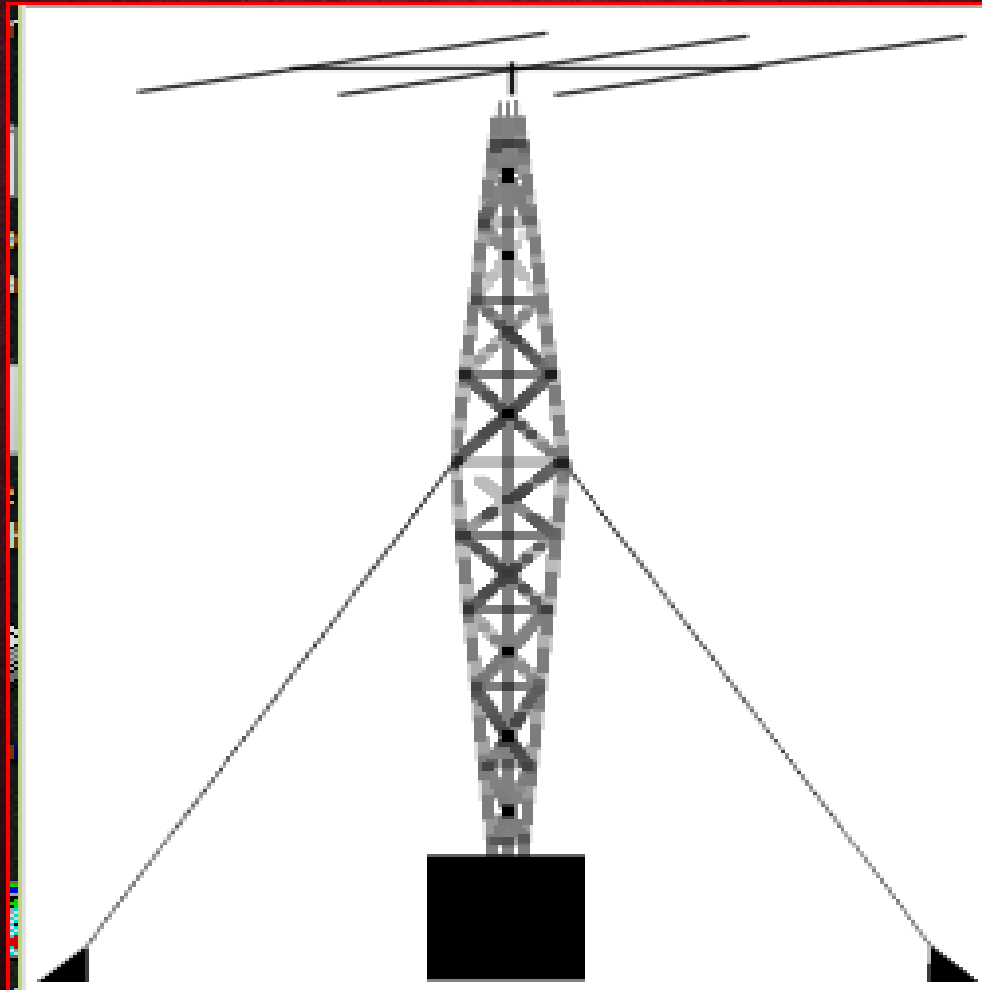
Affects other solar activity...that does

CME – solar flares – solar wind

High numbers – help high bands

Low numbers – help low bands

ANTENNAS



WHERE TO POINT YOUR ANTENNA

Sunrise – Northern Europe

Mid morning – Southern Europe/Northern Africa

Noon – Africa

Mid afternoon – South America

Evening – Australia/New Zealand

Sunset – Orient

Night – same process repeated

FIXED ANTENNA

Point it to Europe

Dipole

Inverted Vee

Omni-directional

Horizontal Loop

Vertical

METHODS

GET ON THE AIR

Do you really need

Clusters

Spots

Propagation

Solar Conditions

Emails

Newsletters

TUNE FOR YOURSELF

Turn on your rig and slowly turn the VFO

Listen

Be the First to work them

Call CQ DX

See if anyone is out there

How many think

Calling CQ is scary...

WORKING SPLIT

The DX station is transmitting on a fixed Fx
14.225 Mhz

He is listening up 5 to 10 Mhz – (QSY)
Moving around but somewhere between
14.230 to 14.235 Mhz
Maybe...

VFO 1 USB FIL 1 RX

21.325.000

RT



LRT

R=T

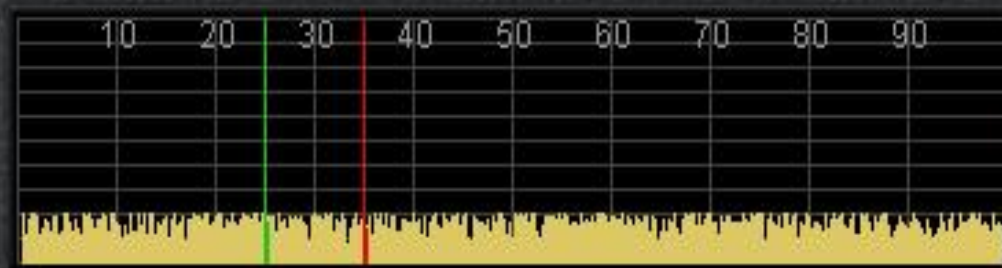
VFO 0 USB FIL 1 RX

21.335.000

+

-

RT



LRT

VOL

POWER

MIC

RF GAIN

VOX GAIN



WHY DXPEDITIONS WORK SPLIT

IT IS TOO CROWDED TO HEAR



WORKING SPLIT

Always assume the DX station is Split

Listen for him to say

Up

Up 5 to 10 for SSB

Up 1

Up 1 to 3 for CW

Or prove that he's not

If he works someone on his calling Fx

SPLIT WARNINGS

NEVER transmit on the DX Fx

Check and recheck your Fx

Know your rig inside out

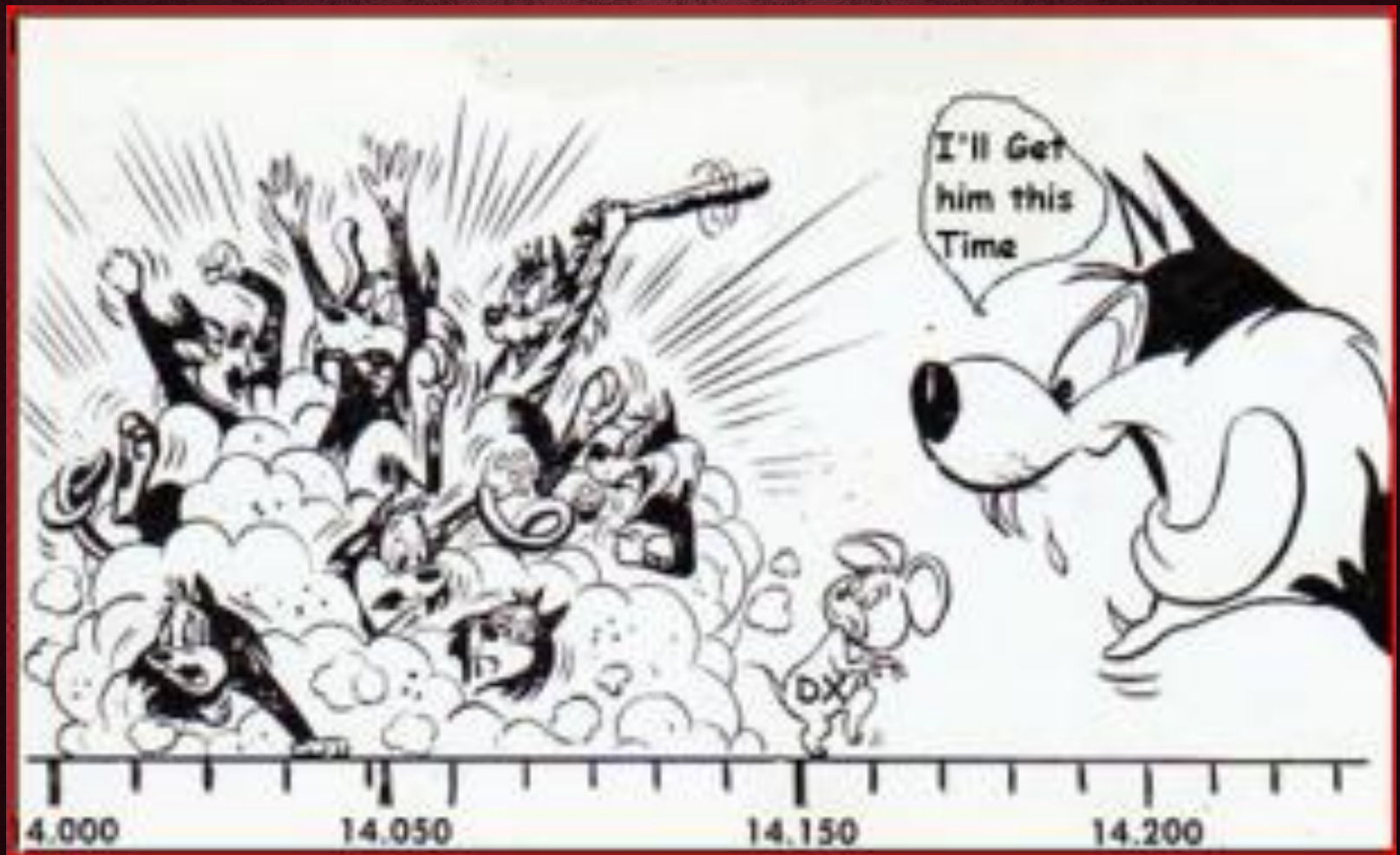
The lights and buttons

The VFO's

You never want to hear the dreaded

“Up Lid”

WORKING PILEUPS



Listen

Asking for

JA – EU – West Coast

Lists (SSB)

By the numbers

Call Areas

YL's have an advantage (SSB)

Higher pitched voice gets thru better

Move up a 100 Hz or so

Makes your voice higher

WORKING “SPLIT” PILEUP

Same as Simplex

Listen – before you jump in



Try to determine his pattern

Moving or staying after each QSO

How much is he moving

How often

Does he move down

Slowly

Back to the bottom

Working Up or Down

Random places

WHAT IF HE IS REAL LOUD

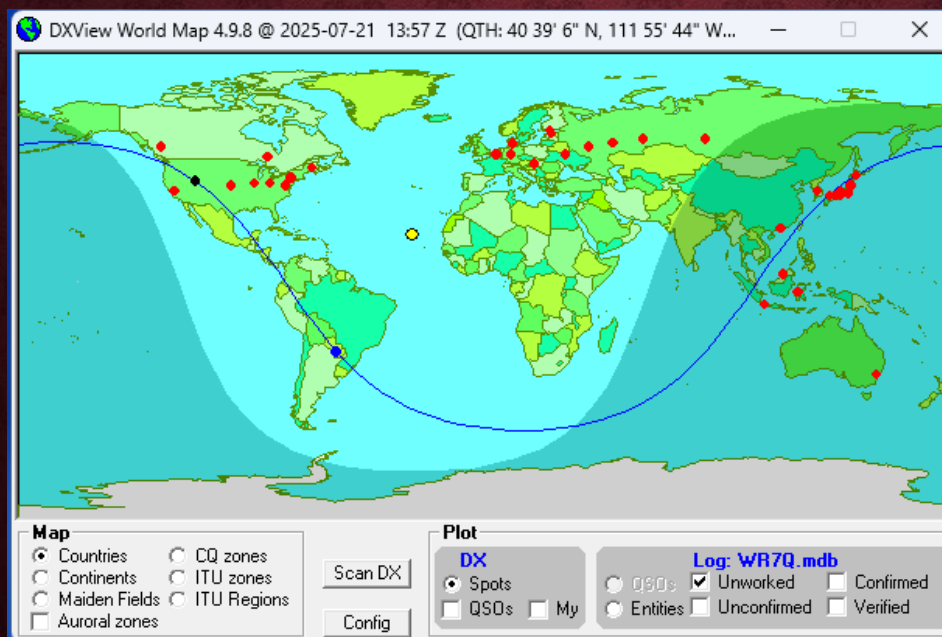
This “may” mean

You have great Propagation to him

He can hear you as loud as you hear him

Call immediately after QRZ

One or both are on the “gray line”



IF NOT REAL LOUD

Listen

What the crowd is doing

Count how long before he is answering

Clue to when he is hearing

Pause before you respond

Four seconds may be normal

Unless he has “great ears”

He is probably only hearing the last caller

FINDING DX

Don't always rely on Clusters

If you tune yourself and find new DX

Lots easier to work

Could be the incorrect Call Sign spotted

Might be a Pirate

Verify

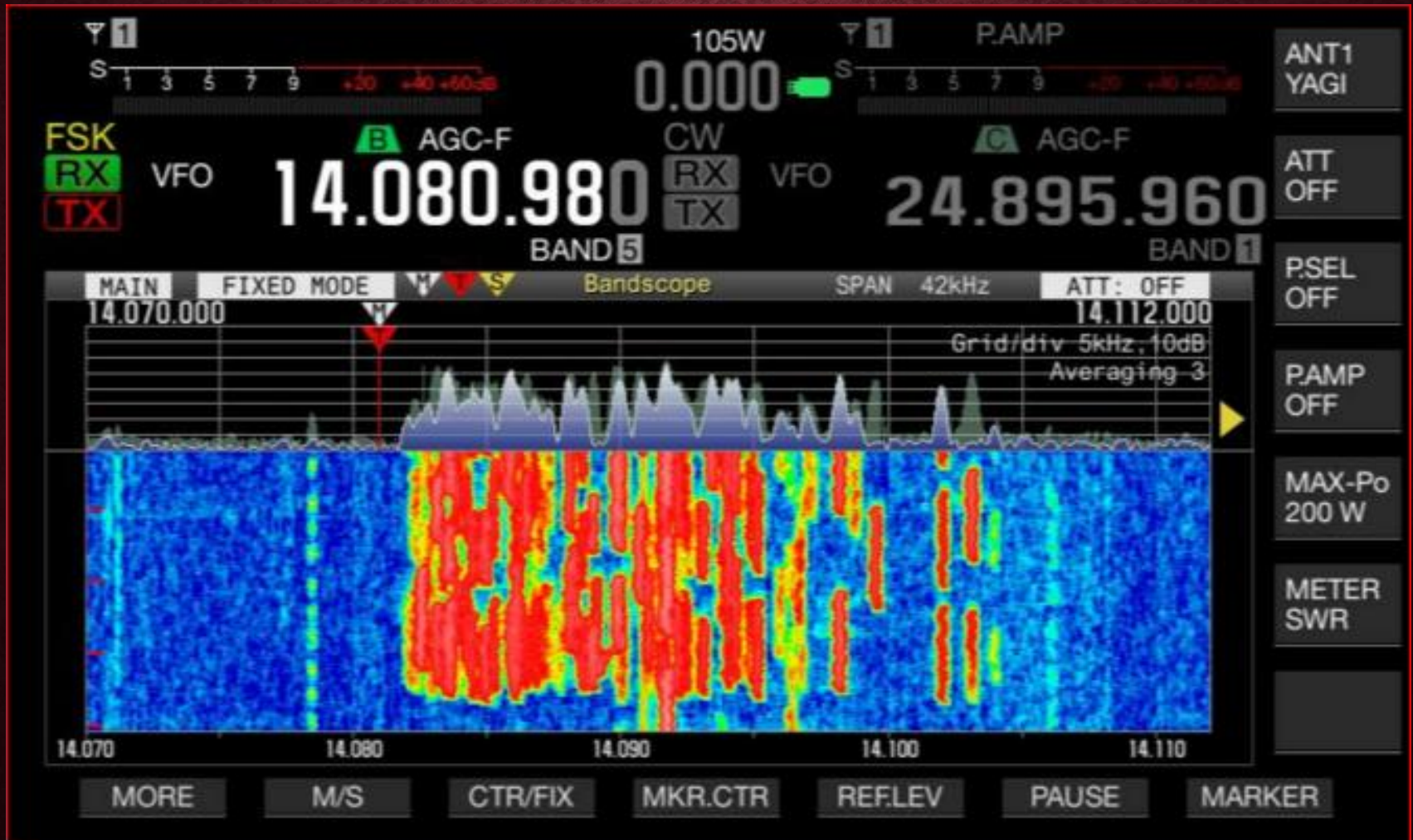
Compass Heading

Band

Time of Day

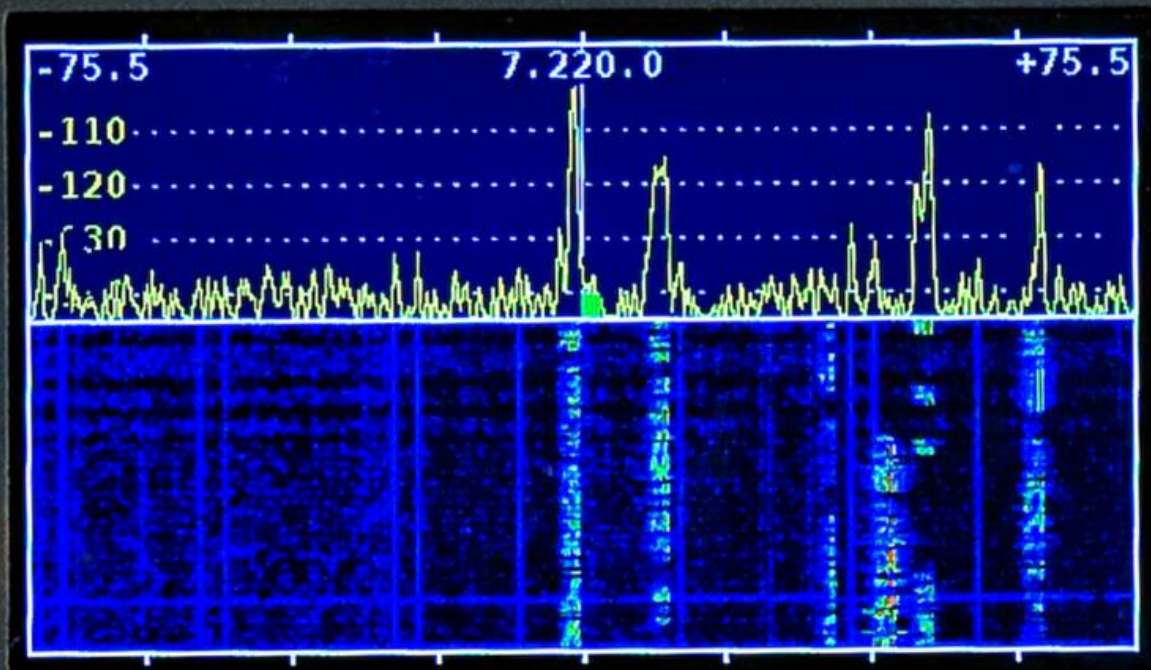
BAND SCOPES

MAY BE BUILT INTO THE RIG

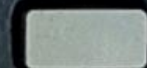




ELECRAFT P3

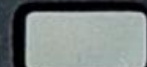


DISPLAY



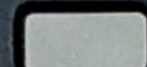
AVERAGE

REF LVL



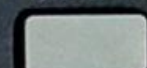
SCALE

SPAN



CENTER

MKR A

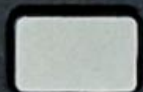


MKR B

SELECT

TAP = QSY

POWER



FN1



FN5

FN2



FN6

FN3



FN7

FN4



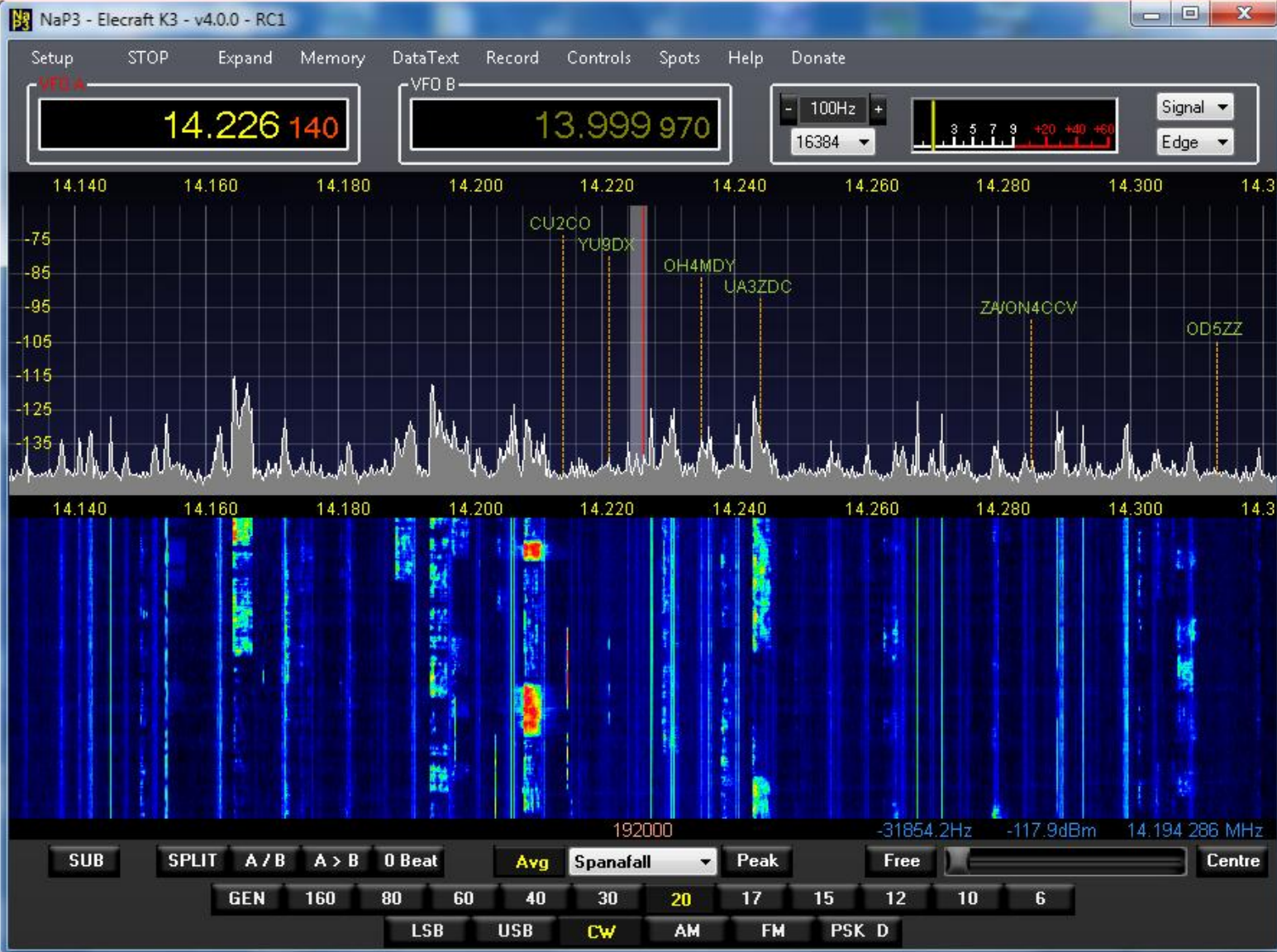
FN8

MENU



LABELS





REVERSE BEACON NETWORK

What it is

How to use it to your advantage

<https://www.reversebeacon.net/>



630m 160m 80m 60m 40m 30m 20m 17m 15m 12m 10m 6m 4m 2m

☐ ☐ ☒ ☐ ☒ ☒ ☒ ☒ ☒ ☒ ☒ ☐ ☐ ☐

cw rtty psk31 psk63

☒ ☐ ☐ ☐

☐ CQ ☐ DX ☐ BCN ☐ /B ☐ NCDXF

Consider supporting the RBNI [Donate](#)

Max rows: 100 Max age: 10 Months

[Unfreeze Zoom](#)

New spots: 0

☐ Show Spotters [Advanced Mode](#)

CW Speed: Min all Max all

[Copy URL to Clipboard](#)

Show Elements:

- ☒ map
- ☒ distance mi
- ☐ distance km
- ☒ freq
- ☒ mode
- ☒ type
- ☒ snr
- ☒ speed
- ☒ time
- ☒ seen

● Spotter (de) ● Spotted (dx)

callsign

spotter-callsign

WR7Q

● spotter	● spotted	distance mi	freq	mode	type	snr	speed	time	seen
AC0C-1	WR7Q	931 mi	21037.3	CW	CQ	18 dB	25 wpm	1638z 29 Jun	25 days ago
K3PA-1	WR7Q	906 mi	21037.3	CW	CQ	16 dB	25 wpm	1638z 29 Jun	25 days ago
N7OR	WR7Q	616 mi	21037.3	CW	CQ	15 dB	24 wpm	1637z 29 Jun	25 days ago
K5EM	WR7Q	705 mi	21037.3	CW	CQ	3 dB	24 wpm	1636z 29 Jun	25 days ago
VE7CC	WR7Q	784 mi	21037.3	CW	CQ	4 dB	25 wpm	1635z 29 Jun	25 days ago

distance mi	freq	mode	type	snr
3209 mi	7025.0	CW	CQ	18 dB
600 mi	7025.0	CW	CQ	35 dB
1188 mi	7025.0	CW	CQ	15 dB
771 mi	7025.0	CW	CQ	37 dB
574 mi	7025.0	CW	CQ	19 dB
1144 mi	7025.0	CW	CQ	25 dB

CQ, CQ, CQ,
CQ....



**GOOD LUCK AND GOOD DXING
73 DE WR7Q**

Links

DXING LINKS

<http://www.ng3k.com/misc/cluster.html>

<http://ng3k.com/Misc/adxo.html>

<http://www.on4kst.org/chat/start.php>

<http://www.qsl.net/wj5o/>

<http://www.dxmaps.com/spots/map.php>

<http://www.voacap.com/coverage.html>

<http://www.w6nek.com/>