



The Hellgate Static

February 2022



Hellgate Amateur Radio Club
P.O. Box 3811, Missoula, MT 59806-3811

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Coming Events

- February 14 Meeting
- March 14 Meeting
- April 11 Meeting
- April 23 Grizzly Triathlon
- May 6th First Fox Hunt
- May 9th Meeting

Officers:

President: Paul Shuey, N7PAS
Vice-President: Eric Sedgwick, NZ7S
Treasurer: Dick Walton W7XT
Secretary: Joe Geldrich, AG7FH

Standing Committees:

Emergency Coordinator: Jerry Ehli, N7GE

QSLs, Awards: Bob Henderson, N7MSU

Webmaster: Mike Leary, K7MSO

Radio License Exams Contact VE:
Paul Shuey, N7PAS

Static Editor: Terry Cook, KF7BQ
Bluetooth_one@hotmail.com

Advisory Committee's:

Eric Sedgwick NZ7S (Chair)

HF-D Tom Hellem, K0SN Dec 2021 for (22/23)

HF-V Tom Mc Ginley, K7QA Dec 2020 for (21/22)

V/U-D David Herzberg K7MTD Dec 2021 for (22/23)

V/U-V Gary Duncan KG7WYQ Dec 2021 for (21/22)

This one will be a 1 yr term

HARC Meeting February 14

Program: DMR demonstration by Aaron N7BIO

We are back to having monthly meetings and license class testing in person. The meetings are on the 2nd Monday of each Month

Meetings will be held at The Church of Jesus Christ of Latter Day Saints, 3026 South Avenue West, across the street from Big Sky High School. Use the North entrance as all others will be locked.

Please note: Masks are currently required while in the building.

Testing will begin promptly at 5:30PM, and end at 6:30PM.

Meeting area will be set up between 6:30-7:00PM and meeting will begin at 7:00PM (Business & Program).

Cleanup and Sanitizing will be done from 9:00-9:30. Volunteers may assist.

The Changing of the Guard

Thank You, Mike Leary for all your hard work and leadership as President of the Hellgate Amateur Radio Club for the last six years. During that time under your leadership, and the help of HARC has accomplished a great deal, and has become financially stable. Congratulations and welcome to HARC's new President, Paul Shuey N7PAS.

Solar Cycle 25 Stronger Than Expected So Far

Thank you, Vic K7VK, for submitting this.



Space Weather News for Jan. 11, 2022

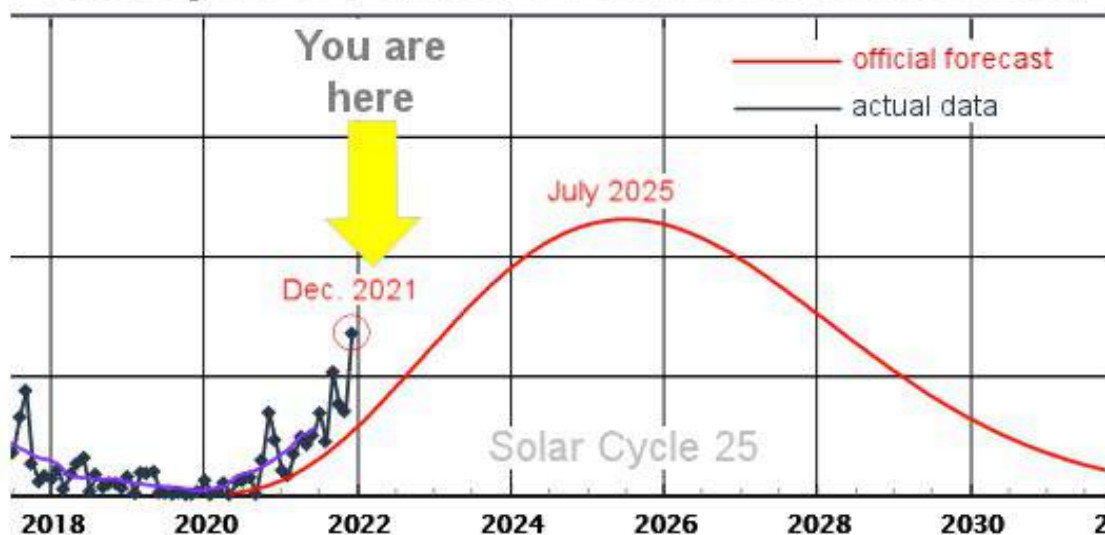
<https://spaceweather.com>

<https://www.spaceweatheralerts.com>

SOLAR CYCLE UPDATE: Solar Cycle 25 is shaping up to be stronger than expected. New sunspot counts confirm that the young solar cycle is outperforming official forecasts, with the rate of geomagnetic "storm days" nearly tripling in the past 12 months. See the data and learn more @ Spaceweather.com.

Solar Flare Alerts: Sign up for [Space Weather Alerts](#) and get instant text notifications when solar flares are underway.

Sunspot Counts: Predicted vs. Actual



Above: Predicted vs. actual sunspot counts show that Solar Cycle 25 is strengthening faster than expected.

Net called by Suffix	Month/Year:	XXX/2020													YR	Location: Missoula, MT	
	Date:	J	F	M	A	M	J	J	A	S	O	N	D	YR			
	Operator Name:														Updated: 11 JAN 2022		
	Start Time														NAME	CITY	
CALL Suffix														NAME	CITY		
A	W7/ALT	1		1										2	Jim Hamilton	Whitefish	
	KB7/AVD		2	2	2	3								9	Calvin	Drummond	
B	KF7/BQ	3	2	4	4	3	3	4	2	2	2	4	3	36	Terry Cook	Missoula	
C	KF7/CBY	3	3	1	3	2	2	2	1	4	2	3	3	29	Andy Commons	Missoula	
	KF7/CLH											1		1	Scott Hanson	Marion	
	N7/CMJ												1	1	Les Richard	Kalispell	
	KE4/CRG								1					1	Steve Saunders	Missoula	
D	K7/DDE	3	3	2	2	2	4	4	2	4	3	4	4	37	Dallas Erickson	Stevensville	
	N7/DLP	4	3	4	5	3	2	2		2	4	4	5	38	Dean Pond	Missoula	
E	K7/EKG						1	3	1		1	1	3	10	Bob Hull	Missoula	
F	AG7/FH	2	1	1	3		3	3	4	2	3	3	3	28	Joe Geldrich	Missoula	
	KJ7/FON					1			1			1		3	Wyatt Sedgweck	Missoula	
G	KF7/GZR	4	3	4	5	3	2	2		2	4	4	5	38	Sandra Pond	Missoula	
H	KJ7/HUZ				2	3	3	3	1					12	Matt Witzel	Missoula	
	KI7/HVG						1							1	Robert Grayson	Stevensville	
I	K7/IMZ							1	2	3	2	4	3	15	Jerry Nelson	Missoula	
J	N7/JGS	4	3	4	5	4	4	5	4	4	4	4	5	50	Jerri Shuey	Missoula	
K	N7/KIX											3	3	6	Torbey	Up Hwy 12	
	N7/KOA			2			1	1					1	5	Steve Marshall	Missoula	
	KE7/KUA											1		1	Kelly Ferguson	Columbia Falls	
L	KF7/LCC			1										1	Mike Fell	Superior	
	KI7/LMV		1	1		1	1	1		2	1	2	2	12	Bryce Rowe	Missoula	
M	K7/MSO	1	1		2	4	4	2	3	3	4	4	5	33	Mike Leary	Missoula	
	K7/MTD						1	1						2	David Herzberg	Missoula	
N	KE7/NJK	1	4	3	4	4	3	5	3	3	3		5	38	Lawrence Brooker	Missoula (Victor)	
P	N7/PAS	4	4	4	5	4	4	5	4	4	4	4	5	51	Paul Shuey	Missoula	
	N7/PMS			1					3	3	4	4	5	20	Mike Standon	Columbia Falls	
	KD0/PUI				1									1	James (Jim) B French	Whitefish	
Q	K7/QA					1								1	Tom Mc Ginley	Missoula	
	KT7/QA		2	2										4	Glen Meacham	Missoula	
	KJ7/QLA											1	2	3	Brad Jones	Lolo	
	K7/QNZ	4	4	4	4	2	4	5	2	4	4	4	5	46	Rich Kingdon	Missoula	
S	NZ7/S	1	1	3	5	4	3	2	4	3	3	4	5	38	Eric Sedgwick	Missoula	
	K7/SWS	2	2	2									1	7	Steve	Hamilton	
T	KI7/THQ			1	1				1		1			4	Ernie Wicks	Hamilton	
	KD7/TUE	1			4	2	3	1	1	1	1	2	2	18	JC Jackson	Victor	
	KD7/TUF				4	2	3	1	1	1		2	2	16	Eilleen Jackson	Victor	
V	K7/VK			1	1	2		2				2		8	Vick Applegate	Missoula	
W	N7/WKR												1	1	Mike Boxell	Missoula	
	KC5/WRA	3	2	3	4		1	1	1	1			1	17	Donna Pecastaing	Bonner	
	K7/WJP	2	4	4	4	4		1	3	1	2		1	26	Walt Pippo	Drummond	
X	N7/XLB	3	2	3	4	3	1							16	Dale Carson	Missoula	
	W7/XT												1	1	Dick Walton	Missoula	
Y	W4/YMA	4	3	4	5	3	2	1	1	Silent Key				23	Bill Farrell	Missoula	
Z	KG7/ZGE			2	4	1	2	4	4	4	4	3	3	31	Louie (Richard Lewis)	Columbia Falls	
Visitors		1		1	1	2		2	2		4	1	2	16			
		SUM	51	50	65	84	63	58	64	52	53	60	70	87		Monthly Total Left	
																Yearly Total Right	757
																Yearly Total	757

Net called by Suffix	Month	Year:	XXX/2021												Location: Missoula, MT		
		Date:	J	F	M	A	M	J	J	A	S	O	N	D	YR		
	Operator	Name:													Updated: 11 JAN 2022		
	Start	Time													NAME	CITY	
CALL	Suffix																
A	KK7	AJO									5	3	4	2	14	Ben Cerise	Big Fork
B	N7	BIO				1	4	5	4	4	4	3	2	3	30	Aaron Nelson	Missoula
	KF7	BQ	2	4	5	2	3	2	3	3					24	Terry Cook	Missoula
C	KF7	CBY	2	1	3	3	2	2	3		2				18	Andy Commons	Missoula
	KE4	CRG					1								1	Steve Saunders	Missoula
D	K7	DDE	4	4	4	3	4	4	3	1	4	4	4	4	43	Dallas Erickson	Stevensville
	N7	DLP	4	4	5	3	4	3	2	1	5	4	4	4	43	Dean Pond	Missoula
	N7	DXT								1					1	Gary Watson	Missoula
E	K7	EKG	2	4	5	3	1	3	3		1	2	1		25	Bob Hull	Missoula
	K6	EN					1								1	Paul Nesselroad	Missoula
F	AG7	FH	3	2	5	2	4	3	3	3	5	3	4	3	40	Joe Geldrich	Missoula
	KJ7	FON								1					1	Wyatt Sedgweck	Missoula
G	KF7	GZR	4	4	5	3	4	4	2	2	4	4	4	4	44	Sandra Pond	Missoula
H	KJ7	HUZ	4	1											5	Matt Witzel	Missoula
	KI7	HVG					2			1				1	4	Robert Grayson	Stevensville
I	K7	IMZ	1	3	4	3	3			3	2	3	1	2	25	Jerry Nelson	Missoula
J	N7	JGS	4	4	5	4	4	5	4	4	5	4	4	4	51	Jerri Shuey	Missoula
K	KG7	KGE								1					1	Benjamin Louie Barnett	Columbia Falls (San Fran)
	N7	KIX	4	3	2	1									10	Torbey Eubanks	Up Hwy 12
	KE7	KNE					1								1	Russ Parrett	Polson
	N7	KOA								2		1			3	Steve Marshall	Missoula
	W7	KRZ							1						1	John Crepeau	Frenchtown
	KE7	KUA			2		1								3	Kelly Ferguson	Columbia Falls
L	KI7	LMV	1												1	Bryce Rowe	Missoula
	N7	LT				1		1	1	1					4	Lyndel Thiesen	Kalispell
M	K7	MSO	3	4	2	3	2	1	2	4	1	1	2	2	27	Mike Leary	Missoula
N	N7	NHS	1												1	Maurice Austin	Missoula
	KE7	NJK	3	4	5	3	3	5	4	3	4	4	2	2	42	Lawrence Brooker	Missoula (Victor)
P	N7	PAS	4	4	5	4	4	5	4	4	5	4	4	4	51	Paul Shuey	Missoula
	N7	PMS	4	4	5	3		1	3		3		4	2	29	Mike Standon	Columbia Falls
q	KC7	QBH									1	2	1		4	Trent Smith	NOAA (Weather Bureau)
	K7	QNZ	3	4	3	4	3	3	2	4	5	2	4	4	41	Rich Kingdon	Missoula
S	NZ7	S	3	3	4	4	4	3	1	4	3	3	2	3	37	Eric Sedgwick	Missoula
	K7	SWS	3												3	Steve	Hamilton
T	KI7	THQ								1					1	Ernie Wicks	Hamilton
	KD7	TUE	2	2	3	3	2	1	2	2	4	2	1	1	25	JC Jackson	Victor
	KD7	TUF	2	2	3	3	2	1	2	2	4	3	3	2	29	Eilleen Jackson	Victor
V	K7	VK	2	1	1			1							5	Vick Applegate	Missoula
W	N7	WKR	2												2	Mike Boxell	Missoula
	KC5	WRA	1	1	1	1			Silent Key						4	Donna Pecastaing	Bonner
	K7	WJP		2	1	1	1	1				1			7	Walt Pippo	Drummond
X	W7	XT	1												1	Dick Walton	Missoula
Y	WA7	YYB	1												1	Chuck Weihe	Missoula
Z	KG7	ZGE	4	1	1	1	3	1	1	1	2	4	3		22	Louie (Richard Lewis)	Columbia Falls
	KJ7	ZJC							4	4	4	4	4	3	23	Tim Jacobs	Lolo
Visitors			5	2	3			3		1	1	1		3	19		
		SUM	79	68	82	59	63	58	54	58	74	62	58	53		Monthly Total Left	
																Yearly Total Right	768
																Total for year:	768

Testing Results For January 2022

Tom McCall passed his Technician exam. His new call-sign is KK7CZB. Congratulations Tom.

HARC Minutes for meeting. 10th 2022

Mike K7MSO , called the meeting to order at 7 pm, roll was taken as follows;

Mike K7MSO, Paul N7PAS, Jerri N7JGS, Eric NZ7S, Aaron N7BIO, David K7MTD,
Gary KG7WYQ, Tom KOSN, Dick W7XT, Jackie KC7RBC, Tom K7QA, Joe AG7FH

Minutes from last meeting (Nov.) were approved.

Election was held.

The election results came in as follows; Paul N7PAS president, Eric N275 vice president, Dick W7XT treasurer, Joe AG7FH secretary, Dave K7MTD , Tom KOSN and Gary KG7WYQ as committee men.

Dick W7XT, Treasurer report was given. it was approved to pay Paul N7PAS, \$203.08 for the projector he purchased for the club. Then Dick made a motion regarding 2022 dues to be reduced from \$35.00 to \$25.00 for the year. New members joining the club after the 1st of the year dues will be prorated 1/12 the base rate per month through the end of the year. For an example, if joining the club Sept. 1st, you would pay 4/12th or (1/3'd) of the \$25.00 or \$8.33. Paul N7PAS 2nd the motion, motion passed.

Repeater committee, Eric NZ7S, made a motion to upgrade the 147.04 repeater for \$3,500.00. After much discussion , Paul N7PAS made a motion, Dick W7XT 2nd , to table the motion until Feb. meeting to get more information on the matter. This is a very large purchase, all members are urged to be at the Feb. meeting to be involved in the discussion on the purchase of this repeater.

Aaron N7BIO, will give a demonstration on the DMR system, at Feb. meeting.

VHF Net Control for February

2nd Mike K7MSO
9th Aaron N7BIO
16th Eric NZ7S
23rd Paul N7PAS

Next meeting Feb. 14th

8:50 pm Paul N7PAS, moved to close the meeting, Tom KOSN 2nd. Joe AG7FH

HELLGATE AMATEUR RADIO CLUB

AGENDA – 14 Feb 2022 meeting

Introductions. Make sure you sign the attendance sheet

Approval of last meeting minutes: 1st _____ 2nd _____ Discussion P/F/T _____

Approval of Treasurer's report: 1st _____ 2nd _____ Discussion P/F/T _____

Advisory Committee Report: Continued information on Digital Repeater

Events for 2022:

14 Feb – Meeting
14 Mar – Meeting
11 Apr – Meeting

23 Apr – Grizzly Triathlon
6 May – Fox Hunt – 1 st
6 May – Fox Hunt – 1 st

HARC Discussion List

- Free 1 year club membership for new Technician licensees – with NO voting privileges.
1 Yr from time they get Callsign, then pay discounted by month for remainder of 2nd year.
Can participate in discussions etc. This will give them 1 yr in good standing, if attending meetings.
 - Have a different secondary net (Social/Wellness Check/Gab Session Net).
An open informal net for how you doing? How did your week/month go?
Do you need any assistance/help? Can you assist/help others?
What did you do/build/accomplish that was helpful/funny/unusual/different,
or made someone feel good.
 - Have the static out the last full week of each month with minutes of last meeting,
new agenda, and new month calendar.
 - Internal club communications and how to improve or do better at it. (Ideas - ?)
-

VHF Net NCS assignments:

Feb. 2 K7MSO	Backup N7BIO	Mar. 2	Backup
Feb. 9 N7BIO	Backup NZ7S	Mar. 9	Backup
Feb. 16 NZ7S	Backup N7PAS	Mar. 16	Backup
Feb. 23 N7PAS	Backup	Mar. 23	Backup
		Mar. 30	Backup

Program: Using Digital Operation. (N7BIO-Aaron)

Good and Welfare. 1.Membership Drive – Year Long

***** Next Club meeting: March 14.**

Adjournment: 1st _____ 2nd _____ P/F/T _____

>>> February 2022

Goal of the month:Have Fun with Radio.....

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
30	31	1	2 ERC NET 7:30 BARC NET 8:15 HARC NET 9:00	3	4	5
6	7	8	9 ERC NET 7:30 BARC NET 8:15 HARC NET 9:00	10	11	12
13	14 Valentine's Day HARC Test 5:30 & Mtg 7:00	15	16 ERC NET 7:30 BARC NET 8:15 HARC NET 9:00	17	18	19
20	21 Presidents' Day	22	23 ERC NET 7:30 BARC NET 8:15 HARC NET 9:00	24	25	26
27	28	1	2	3	4	5