ARRL - Fred Fish, W5FF Memorial Award

The ARRL awards the Fred Fish, W5FF Memorial Award to amateurs who submit confirmations for contacts with all 488 Maidenhead grid squares in the 48 contiguous United States on 6 Meters. The following listing contains the call signs and FFMA totals as recorded at ARRL HQ today (24 Nov 2026). Awards are NOT activated automatically; participants must apply to have the Fred Fish, W5FF Memorial Award activated when the qualifying number of credits is obtained.

See the ARRL VUCC page for details.

488
AA0MZ
AA5AM
AA5C
AA7A
AI5I
K0GU
K0SIX
K0TPP
K1TO
K1TOL
K4PI
K4XO
K5ND
K5RK
K5UR
K5WE
K7BG
K7CW
K7ULS
K8SIX
K9CT
KA9CFD
KA9FOX
KD5M
KG5CCI
KM0A
KM0T
KO9A
KR7O
KV5W
KX4R
N0LL
N0LWF
N0PB
N0TB
N1AV
N3SL
N3XX
N5DG
N5NA
N5OMG
N6JV
N7NW
N9LB
N9UM
ND0B
W0FY
W0JW
W0LGQ
W3CP
W3UUM
W4UDH
W5ADD
W5AFY
W5AJ
W5EME
W5FF
W5KI
W5OZI
W5TRL
W7GJ
W7JW
W7KNT
W7MEM
W9FF
W9JN
W9RM
W9XX
WD5K
WQ5S
WS9V

487
K7MAC
K9YY
N0AKC
N7CW
N7IR
N9ISN
NA6L
W3IP
XE2CQ

486
KY7M
N0KE
N7KA
W5VY
W5ZN
WD5COV

485
AD6D
K1USA
K9MU
N0POH
N5WS

484
AF5CC
AI1K
N5KO
WQ0P

483
AC0RA
W0VTT
WA7HQD
WB0ULX

482
K0BJ
KA9UVY
N4WW
W9RN
W9VHF

481
KC7QY

480
K5GZR
K5XI
KC7V
N4TB
N5EKO
WB9CIF
XE2OR

479
N7ZO
W5WVO

478
AD1C
AE5B
K6ZH

477
NC6K
W6XK

476
N4SIX

475
AJ4F

474
K5RT
K7KQA

473
NQ7R
VE3EK
W0RH
WB0O

472
KB7ME
N7BAV
WD8JJA
WE9R

471
N9PGG

470
K4SO
WO7R

469
K4MY
K7PI
XE2K

468
K9MK

467
K3SX
KB9DAK
NY0V
W5THT

466
KA0JGH
KB6NAN
N4QS
NA6MG
WX7M

465
N4JQQ
NI0G

464
KB9OWD

463
KB8VAO
W5XC

462
N6ORB

461
NA9RB
W3UR

460
K5OMC
K8ZM
KF0M

458
K9NW
KG5THG
N9BCA
NE1B

457
K4HB
W9WO

WB7CJO

456
AJ4A

455
KF8MY
KP4AJ
WA9DU
XE2X

453
K1HTV
K4YMQ
K6EID
N9FN

452
KK4MA
KV7N
N5BO
N8YO
N9BX

451
K5WBM
KD3CQ
WA1EAZ

450
NE9U
W0MU

449
KF6HI
N8OC
W8TN

448
K4XP
W3LPL
WB8ZBT

447
AH0U
KS7S
N2NL
N4SC
N4TL

446
VE3LYC

445
KG7CW
KU7Z
N4LR

444
K4SSO
W3LL

443
AB4IQ
K1TEO
N4MM

442
AG9S
K4ZOT
N2QT
NJ6D

441
K8TB
K9KLD

440
AE5FM
K6JJ
W2IRT
WB8BPU

439
K8ROX
N4QWZ
N5TJ
NM5U

436
NZ3M
W3TC
WB8ART

435
KF6A

434
AA1ON
K1SIX

433
AB9BH
KE8KMX
WW1L

432
K3FRK
K6GXO
N6KK

431
K0TLM

430
K0DD

429
K5TA
K8ZR
WA5JCI

428
K9APW

426
N5OK
NE6I
W5JAY

425
K6ML

424
N1EVK
N4UFP
N9AKR
W3EP
W5PR

423
W4DR

422
VE6WQ
WB5JID

421
NP4EI/W7

420
AD5A

419
K7NN
W0GN
W5AL

418
N4UFO

417
AA5JF
N4HN

416
AC9DX
K4RWP
K7ND
KO4MA
ND4X

NI0P

415
K7AWB
K8JH
W0GJ

414
K0DEQ
K2TER
KM8V
N0GZ
W4TV

413
WA9LFO

412
KT8O
VE2XK 6M FN07PJ

411
N9EAT
NY1V
WR7X

410
K3UA
KB0V
KE7SW
KI8G

409
K5PI
N5SYV
N9JR
VE3DS
WA1NLG

408
K7SMA
KZ2I
W7BA

407
W4AS
W5CIA
W7YAQ

406
AK3E
K6FG
K8EB

405
AA4SC
K1GG

K5CKS

404
KF9UG
N2ZX
NH6T/W4
VE4EAR
W5SUM

403
K6VHF

402
K3FM

401
K4CKS
KM3V

400
W0JRP
W7FI

399
N3PS
NN4R

398
N8IEZ
W1NG

397
AB4EJ
AB4SF
KE4TH
KI0E
W8LMG

396
AG4W
KB8U
N3OC

395
AA5XE
K0AZ
K5XM
KF7CQ
WB4EVH

394
K6RO

393
K7XB
K7XC
KD5XB

392
AF4HX
K5HPT
W6OMF

391
N9DR
W4AVY
W6TMD

390
WF7T

389
W5MO

388
K0IP
W4WRL

387
KV4T
N0FJP
N4CH

386
JA7QVI
N7IJ
W5TFW
W7AH
WE4S

385
K0JDD
NK1K
VE6MB
W4WTA

384
K8ROK
N2WK
W8OP

383
NK0S

382
N8LRG
VE3YXO

381
W3VZ

380
K7MCX
WA5LFD

379
N8WNA

378
KR4BD

377
AB1OC
NT9E
W1DYJ

376
K8GI
K8VFV

375
K6QG
WB4OQX

374
K0TT
KV7K
N6GP
N7DB

371
AA4ZZ
WA6BYA

370
K5TN
KG8P
KN4SM
KS4YT
N3MK
NN9X
NT0V
W4FC

369
K0VG
KF8UN
N2DPF

368
N4JP
W5RCI
W6GMT

367
KC4HW

366
KI7JA

365
K4JJW
WA7PDC

364
AB5EB
K0RAR
K5KEW
N6QQ

363
VE7BV
W1JR
W4NH

362
KB1EFS
WA5OLT

361
K8BL
K9NR
N1KDO
N8KOL
NG4C
W4ER

360
K6UM (CN85)
W0NOZ

359
AA4FF
K0CAO

358
K5RLA

357
K4LVV
VA2CY
WA9PWP

356
K7PT

355
AA4FL
N3AIU (DM45)

354
KE8Y
NP4EI
NU6S

353
AF2K
K0CS

352
K7LOL
VE3XN
W0KKK
XE2ML

351
W7IMC

350
N6VI
WB4KTF

349
K1GJQ
KA0BAD

348
N1JFU
NJ7G

347
W2HRO

346
N9XG

345
AA8SW
W3XY
XE2YWH

344
K1ST
K6FW
KB0PE
W1OW

343
K5EK
KK0DX
N3RC
N3YT
N6KZ
N8HRZ

341
KD7DCR
N9LF
NX7U
WA7YAZ

340
N0AN
N9AZZ
WA9M

339
KE4BKL
N2ZZ
VA7FC
W5VAS
WB0OQV

338
AI9L
NA5Z
VE3SXE
W4MAY
W9XA
WA5KBH

337
K8ZES
W9EWZ
WA5RT
WW0E

336
FG8OJ
K5KDX
K7BV
K9QVB/9
VA2WA
WO9S

335
AK0MR
K5FUV
K5FZ
K9QVB
KB4MRX
KN4NN
W9GKA

334
AD7OV
K0OOK
K3TRM
N4UFO (EM95)
VE1JBC
W3ATV
WB5TOI
XE1YY

333
AA4LR
K0TC
KG6AY
KM4HI
N0IGZ
W3GQ

332
AA7UN
N4JDB
N7KDT
VA3IKE
W9GM

331
K0SRL
K8WDA
KC0UDO
N4MW
W3TI

330
KB8MBC
W8PI

329
AA1QD
K7IU
N2JJ
W2OR
W8WG
W9DCT
W9KXI
WX4G

328
K6ME
N5PT
W2CNS
WB3LHD

327
KJ5RC
N0YO
W2JU
W7YA

326
K2ZD
K6LMN
K6TDI
NG7M
W0PR
W3HDH
W7JLC

325
JG1TSG
KF2T
WA2AEY
WX0Z

324
HC2FG
K9SH
KU4A
N2BJ
VE3TMG

323
N8II
W8KEN
WO2T

322
N3ALN
VA6SZ

321
N0LD
N7RO
NC7B
NS4C
W9VA

320
K3VAT
KG5EIU
N4DW

319
N7US

318
W4HY

317
KA8SYV
W1SKU

316
DK8NE
K3FN
KA0ABA
W4UCK
W9BWR

315
K0PG
K5VH
KM3T
KY4G
NY2NY
WA8ZID
XE1AO

314
KU4XO

313
JE1BMJ
N6NR
N7UVH
NF4A
W4GLV
W5RKN

312
AF6O
K4NNX
KA2GOJ
N3KN

311
AC9S
KS4XQ
W2BZY
W5DB

310
N1NK
W9KVR
WO4DX

309
AA9RR

308
WA4HFN

307
AG1A
KE5K
KS4S
W9RPM

306
K4QE
KL7HBK
WV9L

305
K6UM (CM88)
KT1J
N4SV

304
K6IPF
NS4T
WA0GUD
WA8MCD

303
EA8DBM
K8TGC
K8TL
N7LAN

302
K2UU
KB2TGU
W0ADL

301
N0HJZ
W3SW
W7IB
W9OBG
WB0TVY

300
AA4V
CT1EEB
K0PHP
KB6VFC
N1RR
WA2BAH
WX2S

299
KX7L
VE6WK
W1LE
W8UV
WB5GVY

298
K0MLD
KD4WSC
KK8MM
N4IQ
W0JM

297
N8YQX

296
K4XR
K6YUI
KC7RW
XE1EE

295
K9UO
KE4P
N6AR
N7NT

294
K6JSV

293
K3AX
K4KJZ
N4JJ
N4MI
W2GKR
W4VC
WA2IIE

292
KJ6P
N4ST
W1SSN

291
W1WHL
W2CCC
WI7P

290
AF2F
VE6TA (DO33)
WA8EFK

289
K2BLA
K4MM
K9FA
N5BCA
NQ7G
W4LTJ
W8FIB

288
K1NU
W1DU
W4HLR

287
K8DP
KC7MRQ
N8CGY
W7CT
WA4NVM

286
CT1IUA

285
AB0S
K5CZD
NS7K

284
AB0RX
AD4ES
K0KP
K4DET
KL0S
NJ2F (EL96)

283
N5OHL
NA5DX
WA0FQK
WB0CQO

282
AA0ZP
JA1QJI
K1DT
N8JCM
W4WM

281
AA8MA
JR1LZK
K4OY
NL7CO
W2YE

280
N0KV
NM5Z
W1FKF

279
N3JPU
N6PM
W0PPA
W0VHF (EL87)
W8GJ
XE1FAS
YV1DIG

278
AA9D
AJ4W
K3JT
K3WA
N0LNO
N8BJQ
NN1N

277
AC7JM
PV8DX

276
HC1BI
K2CS
K5TWJ
K7TAB
KD8JSP
W9OO

275
K1MAA
K2NJ
N4GG
W0FK

274
K8YC
KB1DMX

273
KM4H
KV1J
VE6SH

272
KF8QL
KO4PRE

271
K7NII
KB7FUV
W3HHN

270
K4SPD
KC9FQD
N2LIV
NI3K
W4QK
W5DNT
W7JY
WZ9B

269
K2IE
K3ZO
KD5R
KF6XA
N5EPA
N5WD

268
K6OJ
KI0HA
N9ZTS
W0KAN
WB9PNU

267
KB1HY
KG6EG
KX9N
N2AMC
N8EHW
W4FSO
W5WP
W9DRB

266
K1OA
K1WVX
TG9AJR
VE3MSC
WB8EJN

265
N5KS

264
AC8L
K1NJ
K4JAF
N0TK
N5AO
NF1O

263
AK4PR
K0NO
K7MDL
K9AAA
WB7QBS

262
K3CWH
K5VR
N5PA
ND4DX
WA0KBZ

261
K3TWK
KB8UUZ
N3EW
W6TCP
W9TA

260
JM1SZY
K6JAD
K9MQ
N6HC
NT7C
W3DF
XE1YD

259
K1BD
KD4ADC
KG6I
KN5O
NY1E
VE6BMX
WA4YA

258
AB5GU
K2HAT
NA2NY
NA5C
WB7ECS

257
K0CCM
K2KA
K5QE
KD4MYE
N5DTT
PY2XB
WA2HFI/0

256
JM1IGJ
KL7NW
KN4PPD
N8ZJN

255
K8MVZ
KG4JPL
W4HFZ
WA8KNE

254
IT9IPQ
KG9Z
N4GBK
N5SIX
N7QOZ
NR0Q
VE3OTL
WD5ITW

253
F4BKV
KG4ERR
N2XQM

252
AB5A
K1ACL
K3NK
N9ATF
NN4RR
VE6NTT

251
AD5JK
AE4WG
K6EME
K9QJ
KG7NV
NN4SS
W2LV

250
AA9LC
KS9J
NW6R

249
JR3REX
K8AO
KQ5U
N1GC
N5SMQ

248
K1ZZ
W6VFA

247
JA1UAV
N5DD
W3TEF

246
K0DAS
KK8X
N5TIT
W4FRA

245
AE4M
N1IA
N3XF
VA3CW

244
K8DV
N3AIU (FM08)
N4JRY
VA3ZV
VE3VHB
W0VD
WD4IXD

243
JA8ISU
K3TC
W4EJ

242
K3WW
KA3TCC
VE3SMA

241
N6NU

W5LO

240
KK4ZUU
KO6LU
VA3HP
W1VT
WA2VJL

239
KF4LVF
MD0CCE
W6RW
W9YOY/M
WA3SEE
WB1FLD

238
AA3GM
JP1LRT
PV8AZ
W1MJC

237
K3KO

236
K0SU
K4NK
N3FTI
N9ATD
W5AJX

235
ND0C
VO1GO
WB6RJH
WT2P
WZ9W

234
JR2HCB
KE6FCT

233
K1AFC
K3EA
N9NJS
VE7VZ
W8PAT
W9TD
XE1L

232
K5FO
N9NJY

231
K4MIJ
K6HEW
KF6GYM
W9XT

230
K1ZE
KO4MM
VA3XJ
WB0WAO/8

229
GD0TEP
K6RG
KB9RUG
KC0VDY
KD5IKG
KE4UW
N1TOR
N4NX
NN5DX
W5LUA

228
K5RUS
K7HSJ
KF2ZQ
N8AIA
W5HEZ

227
K8ZT
K9TF
KS9A
W4KXY
XE1GLL

226
AF5WN
N7CNH
N8UR
NM5S
W0VX
W8RD
WQ6Q

225
AC9O
KX9X (EN50)
N2WSY
W8AKS
WN6W

224
K2RET
NJ8J

223
K7UA
N2ZA
NJ7A

222
K0YY
K2TV
K3AJ
KA1LMR
KD4K
WA2BOT

221
K5WMH
K6CQR
N0PSJ
N4ION
N5UWY
W4IFI
W5JMW

220
K7BTW
N7XCZ

219
AA6AA
K2RKJ
K6ZZ (EM78)
KE5RV
W6DPD
W7ZSL
WB2WIH (FN20)

218
K1XH
K4IJQ
KB8KVJ

217
ND4V
W4DEE

216
K7RB
N0IS
NE1F
W1AW
W5RWF

215
AL7OC
K2SX
K9OHI
KI5FJ
N2YU
N6KW

214
JA7MSQ
KB9PJL
KC7OD
VE3SYK
WA7AJ

213
K3DFL
KI6X
W0NBC

212
AB5C
JF8QNF
KF7NN
N1SV
N2OA
N7IP

211
K9FOH
KD3HN
NE8S
PV8BR
W2ZDP
W5HNK
W6AER
W6KAP

210
K3MSB
K9YC
KL7NO
N1TQ
N6UK
WQ9T

209
AA4IB
W5WGF
WA4NFO
XE2N

208
AI2N
CO8DM
KD5HIO
PV8ABC

207
K6US
N1BCL
N8NJA

206
AB0CT
AK4Y
CT3MD
DJ5FI
K4GHS
K9YC (EN61)
KB0LYL
NA5Q
W0BNE
W4EJG
XE1J

205
AF4OD
K3LL
K8SD
KE4HOA
N5ITO
W8QID

204
KO0Z
LU2DX
WA3DRC

203
K0VSV
K5HYT
K5LOW
N0HF
N8SYF
NX0I
W1RM
W3SZ
W9GFB
W9VOB
WA1KPD

202
K1BZ
K5GJR
WC7X
WF8Z
WQ5W

201
AA7WB
KC5FP
KO9V
KR0I
NN0K
NR2C
WA1MKE
WA9ASZ

200
4A2MAX
K4YJ
K5DB
K6ZZ
LU4FW
N7PHY
N9AG
VA3VU
WB2AA

199
N3KFV
W4OEP
WB0YEA

198
4O3A
AC8TO
N0UK
N7EPD
W8DM
WA7KYM

197
I0WTD
K3EGE
N4BAF
W3TW
W5CTV

196
K0AIZ
K0NR
N5DUW
W2AMR
XE2ED
XE2W

195
AA4W
K2WJ
K6VDP
KG6WIK

194
K2MRK
N3FA
N9NFT
WF1H
WK8A

193
K9AB
KC5N
KD2NF

192
N1LF
N2NB
N3CAL
N3NR
N4LXB
N4TV
W6MTR
W8FN

191
K0ITC
K9CS
KK6OH
N9AMW
WA2BKN
WA5CAM
WD4JHD

190
K5ER
KC2DLD
N9UA
W1ATV
W2OO
W4GE
W8SP
WB0DBS

189
AC0W
KC0MEA
WA5VKS

188
AD7KI
KD4HLG
W4AZR
WA7VHF
WU9Q
WX9M

187
AA8R
KQ0J
N2WM

186
K8PT
K9SG
KN7K
N0XLR
N6ZE

185
AD6W
KD5BQT
KU4UC
N8XE
NA2R
PY5CC
W3OU
W5BPT
XE1R

184
AF5Q
K0DEW
KR4M
N1IBM
N3FX
N4BG
N4DTF

183
K5RQ
N0UBL
W2UDT
WC4H

182
AJ6T CM87
FP/KV1J
K5GMX
K8WK
NZ1I
W9JJ
XE1CL

181
AB9FN
K4CMS
K5HDE
KB8YKR
N3XJX
N9MSG
NY0A
W4RBO
W9BS
WJ1B

180
K0OST
K4LYN
K4ZO
KC1MMC
N1RK
N6PEQ
N6VH
W5HI

179
K1EP
KU4WD
N0LIE
N0MMA
NH7RO
VA3DPB
W8LHP
WA4QMQ

178
HB9EFK
JR2LJO
KA2AYR
KB0EO
KB1RZA
KG5RJ
N1ZUK
NQ2O
VE3NRT
W0ZY
W1MAD
WY7FD

177
AG4ZE
K2QQ
KI4BWW
NY4I
SM7FJE
W5ZG
WA8UEG

176
AD5ZA
EA5BY
JA1OVD
K0DI
KX9X
N5QGH
N8URE (FM19)
N9ARX
NP4BM
W5AFD
WA5IPS
WW2R

175
IZ8FFA
K3MD
NE5TX

174
K6WRL
KC0IYT
KC6ZWT
KG7P
KU0A
N1MGO
NA2NY (ex-NA1VT)
NA6O
W3SO
WA2PNI

173
IC8TEM
K2ZZ
K5YPV
KE4SCY

172
AB9KZ
K5ZED
KI4PKW
KJ6HI
VE2PN
W4ABC

171
AA4PB
HP2AT
JA6RJK
KC5GSK
KC5YCH
KI4TZ
NS3L
W1PX
W6IA
WA2KBZ

170
K9TVG
N8CN
NA2U
W0PE
W4IHI
W4JKC
WK3V

169
K6XC
KD5OMJ
N2BEG
N5XES
VE3HHT
W8KNO

168
KG5ZMQ
W2PD
W8WEJ
W9HT

167
K4MQG
KB1YNT
KB9REV

KE5EP
N0NHW
NO0T
TG9ADQ
W1BAT

166
JA3LZS
KC2GHT
N5VU
NA1VT
NC4RY
VA3WEB
WB4KXS

165
K4DXT
KD5HPT
W0RIC

164
K2SD
K5VWW
KD0UHN
KF9US
W4CSW
WK7G
WQ7F

163
K2JF
K2YSY
N5XZ
OE6IMD

162
AF4GK
K0QB
KA1R
KD4TDI
UW5ZM
W9JJB
W9VS
WA1Z
WB0WAO

161
K0KVR
K4EA
KB3CWQ
KK9M
N2YBB
V44KAI
VE3LC
W4HOG
W4VG
WA1LAD

160
AB1QB
JA1AFR
K5IQ
WL7OU

159
G0OIL
K4MZ
NS7B
W1EME
W4TTO
WB8NUT

158
K8CR
KI0D
N2CG
W5DM

157
K4FX
KB8GC
KC2WUF
WA7NB

156
K2KJ
N3RN
N9KO
NO8D
VE7VDX

155
CT1BWU
K3TD
K6XN
N5RMS
N7AU
N9OBE
TG9ANF
VA3NQ
WV8DX

154
AE4NT
KB9VMW
KW4OV
NZ6N
W3ZQN
W4DWS

153
AA4NC
AB4GG
K7AD
K7ZD
N1OFZ
N2ADV
N6DHZ
W3DQS
W5FI
W9DHI
W9ILY
WB5ZAM

152
AA6I
N0RC
N1NUM
NU1T
UT7QF
WO4G

151
W1ZT
W2DXE

150
KD8RTT
KW4BY
N9LAH
VE3OAT
W7APM

149
AB6CF
IK7EOT
K4SAN
KK9H
W3UA
WB4VHF

148
AC0DQ
AG0A
K0RU
KB2YSI
N0TM
N5ZBI
PV8AJ
W6VNQ (CM88)
WB6RAB

147
AF6AV
IZ1LBG
JR1BAS
K6PSP
KC1BUF
N8IK
VE3CX
W4YCC
W5WOX
WA0VPJ
WA3YGQ

146
K2GW
K8YTO
KB0YH
KB5ZEA
KC2TN
KM5TY
N4HID
VA2RC
VE1VOX

145
KD7YZ
V31MD
VA3TTX
WA4JA

144
K0TLG
K5TDW
K6JRA
K8MN
K8WU
N9DI
W5MPC
WO7GI
YV4NN

143
K6JBH
K9QFR
KB8RJS
W0HNM
W0UHL
WB0MMC
WM5H

142
NA2X
NC4VA
W5SWV
WA5TKU
WS4V

141
K4AR
K9ATX
KT8TD
N9FIV
NV4B
W4FS
W4POT
W6ZI
WB9WHQ
WR7AY

140
AC5DK
BA4SI
CO2WF
K7SAM
KC0MEZ
KC8TMU
KJ4KVC
N1EN
N3VOP
NJ0U
VA3FLF
VE3KY
W4GPM
W4TUN
W6DQ
WA4KXY

139
KC7JPC
KM2O
KU0G
N7T
NA2AA
TF3JB
W4OV
WB2JIL
WY0V

138
AC0XY
AI6O
KD7WPJ
KE0A
KE3D
KE8RO
KQ4KX
N3XH

137
N1SZ
N5JGK
SM7AED

136
K0XXX
K4SX
KC5LK
KC9AXZ
KJ5RM
KV1E
NO1R
W2JCN
W4AVV
W7UV

XE2JS

135
CU3EQ
K4MWB
K8ZIZ
LY3W
N4DB
W6BXQ
W8BI
WB8BZK
WW2DX
XE1H

134
AB1NS
AB4GE
C6ABB
GM4UYE
HK3W
KE5FXE
KF6UFO
N3AIU (DN70)
N8GOU
VE7PTN
W4TKI
WA3WZR

133
KA5ETS
KC1RET
KE1VT
W0RT
WI5D
WW7Q
XE2O

132
AB3CV
K5VG
KW4G
N4PPH
N7TP
NE1I
VE3TM
WN6K

131
K3NAT
KG9R
KT3X
N2CJ

130
AB0X
G4BWP
K0GUR
K4JKB
K8LG
KC4NX
NG9R
VE1DX
VE2TZT
W0PHX
W2LES
W3FEY
WA2SEI
WB4YDL
WW5W

129
8P6ET
JF4VZT
K0KD
K5QWO
KC8KSK
KF4NEF
KM5LY
KM5SC
N9WBR

128
KC7QAG
KJ6SDF
KN4DMN
N1SFE
NR1R
W0WT
W5ZO
W8FR
WB2WEO

127
AA9RK
K3GYK
K7UV
K8AC
K8OS
KB3OZC
KB9TLV
KC0RQH
N6UTC
VE2JWH
W1FLD
WA6BIL

126
KJ7G
N0BDS
N7DGI
WB4HUC
YL2AO

125
AA7DK
K3PU
KC5DRI
W2AJM
W3UQH
W4DFU
WA6POZ
WB4OMM
WE1P

124
K0DLW
KB0HH (EM06)
KD5FTD
KM1C
KT5MR
N0SL
N8MR
PV8AAS
W1TAM
W3KN
W5KMK
W6SCQ
W7YM
W9CDL

123
AC7AF
K9SM
KB0GT
KB0STN
KG6DHQ
VE3TG
W1HS
W3DIY
W3SE
W4PRZ
W5EWF
W7MHW
W8KHP
WA8WV
WB2RVX

122
DS4EOI
K7AED
K7OGW
KA9JAC
KB4UF
KB5WFE
KC5UGX
N5HYV
VE6PY
VE7JAC
WD0GTY

121
AE1P
K0MFI
K4HBI
KB2WAL
KB5MH
KE4JFS
NE0P/9
UR0MC
W8DN
WB9TFH

120
EA1YO
K2CYE
K4AU
K4CGY
KD0R
KD4MZM
KD5BRF
KE4SCY (FM06)
N3YPJ
VE1JC
VE3XK
WA6RAY
WD4OHD

119
AE5AU
K0AWU
K1ZN
K2SQS
K4MSG
K7JIZ
KF7PCL
KP3V
KT0P
KW7N
N4UPX
W0QC
W4SW
W7QQ
WI4T
WM9M

122
DS4EOI
K7AED
K7OGW
KA9JAC
KB4UF
KB5WFE
KC5UGX
N5HYV
VE6PY
VE7JAC
WD0GTY

118
J68AS
K4AZV
KA4LBD
KF6MXK
KI7BP
KT8X
N1QDQ
N3JNX
N5EIL
W2AC / WB2ABK
W2AC/WB2ABK
WB2KSK

117
AB5J
K4WS
N4USG
N5JEH*
N5LPT
NA7L
NU6V
W6WE
WA1TBV
XE2PXN

116
EA4DEI
K4RGN
KI6QDH
KU5B
N0VR
NO0B
W0DHB

115
K9AAN
K9MMS
KE6TVM
KF0QS
KF9AF
KM5FA
N7VGO
VK9DX
WA3BZT
WC7V

114
AC8HU
K3RTU
KC4GCK
NF8M
VE1WOW
VE3IRR
W2JLK
W2ZQ
W4ALF
W4UFO
W5DWA
WO2C
WX4US

113
AB4PM
AD5MD
HB9BZA
K3DQB
KD4BPZ
KD6VCD

KM5OL
N3JDQ
N4YCI
N5YK
W0BM
W8MSP
W8VW
WD0ENC
WU3U

112
K2MLS
K3GD
K5WTA
KA7T
N5HMH
W1TR
W5DQ
W6OAT
W7IV
W9PN
WA8TWM
WG3K
WX3P
XE1GK

111
K8BB
N0SLT
PC3T
W8GBH
WZ8P

110
K5KR
K7LD
KD5J
KI0F
KP4JRS
KQ4LA
KX5U
N5TIF
N5YM
W7JET
W7UP

109
AK6ZZ
IW1ARB
K2DSW
K2JGL
K2OO
K5DNL
K9GY
KE6GLA
KJ6CA
KZ7N
N8TMW
N9TTX
VE3AAQ
W0YJT
W1OP
W4ZRZ
W5MPC/1
W7RJR
WB6YIY
WB9W

108
CF3VRQ
JA9IPF
JP7EIP
K5OPB
N3MWQ
VE3SUB
VE7IG
VY2RU
W4AMP
W4CRN
W5AAJ
W8EH
W9VNE

107
JA3EGE
K5UIC
KF7PG
KI9A
KK4LUM
N3TTT
N9OI
NF0T
US0KW
W2TTT
WB4PPW

106
K0MEI
K5BJW
K7BWH
K7JE
KB0TIJ
KC7ICM
KE5JXC
KJ6MBW
KK2DOG
N0RQ
N1USB
N2IPH
N4CE
N5FPW
N5YHF
N8HM
N9XMU
VA3OKG
VE3AJY
WB6VYH
WQ9F

105
AC4Q
K4SJA
K6UIP
K9MAL
KB3JGS
KC0JYT
KC4KK
KF4DGS
KJ7TH
N4NQY
N5SAN
N7YY
NE9O
PU4JOE
VE3VRQ
W8MIL
W9RVG
WA4MYO

104
AB9YC
AC5K
AC5RN
AC9QR
IK4DRY
K5PPP
KB9RNO
KC1LXO
KC2TR
KD9GKL
KJ7OG
KM6WXB
KO4LZ
N0STP
N1LDY
N2FBQ
N3UPS
N7AGF
NJ1H
VE2PIJ
W1TE
W1ZE
W4KVS
W6ZQ
W9EBK
W9MDB
WB2VUO
WB8BZK/VE3

103
AA5CK
AB0YM
AB5SS
K2OY
K4MVL
K8ZEE
KA1W
KB0FHP
KB2SGX
KC9FFV
KF0AIJ
KF4DVG
KR4NO
N0YXE
N1JIF
NF6P
NN2D
VE7DXG
W0TF
W3LEO
W6IT
W6XU
XE1RBV

102
AA9MY
AB8JH
AD6KH
K0HAQ
K3HW
K9AM
KA3ZLS
KB8CR
KC6WFS
KC8DMN
KD8NYO
KE1AU
KJ4M
KR5V
N1HOQ
VE7ZD
W4RVZ
W5DPT
W5OV
W7UT
W9NFL
WA4IOB
WA8EQP
WB5FDP

101
AE7V
AI5WW
K0IN
K0SBV
K0WJ
K2NUD
K5DWI
K5HX
K7SYS
KB1JDX
KB4KBS
KC6AWX
KC8CSD
KG8WB
KG9IL
KL2R
KR4WM
KR7LD
N1IX
N4AOE
N8VEA
N9DVS
ON9CMR/W0
VA2LGQ
W4LLP
W5KBD
W7ISG
WB8IMY
WD5IYT

100
AC0FT
AI2S
AI9U
K2UA
K4UQC
K5GM
K5KV
K8IJ
K9CC
KB9ZLB
KC2HLI
KC8CC
KC9CMT
KD3SW
KE5CVM
KF0Q
KG5X
KJ5OA
N3TBB
N4NIA
N5RZK
N5XTR
N7EME
N8COP
N8XS
VP2MRM
W2CH
W4/KL7GLL
W4OZK
W8BZY
W9DQ
WA5TLP
WV9E

99
AB0SD
AB3TM
DL5XJ
G4FKA
K0YO
K4KEW
K4WQ
K5VPQ
K7DD
K7PAP
K9ZZE
KA0ZEE
KC2IEB
KC6X
KD4MWO
KD6RUH
KG9AP
KR4UA
M5MYH
N4FV
N7HRT
N7JPF
N7TE
N8GHZ
N8YV
N9MKC
NB5R
NH6CJ
NI5W
NS2P
VE2HAY
W2HOG
W2VU
W5JLC
W6TJU
WA5TRX
WB5NHX
WB7VVD
WK5X
WW2R (EL09)

98
AC2RL
AD8Y
K0KC
K0UD
K3IXD
K3QIA
K4OP
K5HOB
KA1EKR
KE4LGL
KG4YOU
KG7E
KJ2G
KK0CQ
KY0Q
N0JJQ
N1JHJ
N3LRP
N5TEY
N8AID
NO5X
NO8R
VA3VF
VE4XTZ
W2KRP
W6TE
WA2FGK
WA3TLT
WB1GQR
WB2YDS
WD0E
WH6LR
WT5H
WV5Y

97
AB8M
AJ9C
K0HB
K0JQZ
K0QEI
K0SH
K0YQ
K3HZO (FN20)
K4GTR
K4JQU
K8XF
KA2BSK
KA7EII
KC0YBM
KD5CKP
KF4KSN
KM4NYI
KT5WB
N1VMJ
N3UMA
N4BH
N6MA
N9APK
N9IO
N9KY
NK7C
NU0Y
NV3K
VA3FIN
W3QT
W4CWA
W4DAS
W4ID
W7DN
WA6OSX
WA9LEY
WB8RVK
WB8ZTV
WE8L

96
AD5OW
AE4TQ
AK4F
K2CK
K2UF
K2UNK
K4EQH
K5CRJ
K8EMR
K9OT
KA2NDX
KA3HED
KB5GI
KB8PNS
KC0HBP
KD6PY
KI5TE
KM5NU
KR4EE
KS4V
KT3S
KT5RR
N0WVU
N2LID
N2VHZ
N2XK
N8PAQ
N8YBY
NT2A
NW5Q
NY2Z
VE2DCP
VE6RGU
W1HMM
W3VHF
W4KK
W4TMR
W7JHS
WA3EEC
WB5KJE
WP4LNY

95
AB9AI
AE0G
AE5EO
IK8YTA
K1PNQ
K4ED
K8KFJ
K8ME
K8VD
KD7WH
KD8DR
KD9ZR
KI0SK
KW9U
N1XK
N2SLO
N2WLS
N3WAV
N4ET
N5BLY
N5ENU
N5KI
N9IV
N9LJX
OE9KFV
PY2KP
VA3KS
VA3PZ
VE3KZ
VE3SPW
W4YZJ
W5ADA
W5CBF
W5RCQ
W7JWC
W9SX
WA2ONK
WA3I
WA4WR
WB2SIH
WD8DOT
WS4S
XE2AT

94
AA4RP
AB4VT
AD1DX
AK8CW
HK4SAN
K0ARM
K3BEE
K3TUF
K4JRK
K4LDC
K8GT
K9DOG
K9SUL
KA2F
KB4YKC
KB7AK
KC0AUY
KC3AK
KD4VRZ
KE3WM
KF0LA
KG4NLZ
KU4JZ
KV3W
N0LNE
N0LP
N2SU
N3JBH
N3XBG
N3YUG
N5ZMP
N6HY
N6MXU
N7NH
N7UN
N8WWM
N9DD
N9UNX
VA3MA
VE3RX
VE5MX
VE7AB
W2GR
W3IPA
W3TA
W4LNG
W5ODD
W5PUF
W7NX
WA7LHZ
WA9BXB
WT9U
WV2I
WV7S

93
AG2A
AG6CV
AI8F
IZ4DPV
K0IW
K0RM
K1PTF
K1ZK
K2AK
K2MTS
K4DAM
K5TRI
K6RM
K7IP
K7TRK
KB0USF
KC5TGT
KC5TT
KC9TTR
KC9UL
KD0QG

KE6AZX
KE6UMW
KE8RPJ
KI0J
KK7MNC
N2BX
N2YTF
N3AO
N3ZBK
N4GOA
N4YHC
N7EGY
N7JI
N7KSI
NA9D
VA3JFF
VA7QI
VE3WMD
VK5PJ
W0MHK
W2VTV
W3ZGD
W5DMT
W7EIR
W7TRX
W9IFW
W9NED
W9WI
WA5ICA
WB5CON

92

K1EY
K5GDX
K5TDA
K7FU
K7HKR
K7UWR
KB0PQP
KC4JNW
KD4QMY
KE4WBO
KG4URP
KR7X
N2SG
N3GH
N4VN
N5QO
N6FD
N6RPM
N7DED
NS6E
UT5JAJ
W1PV
W2ACY
W2CVW
W3ACO
W3GP
W3HZU
W4BP
W4LIA
W6NS
W8JV
W9HBH
WA3JKB
WA4EEZ
WG8E
WM3O

91

AA0CW
AD3Y
CO2WZ
HB9ALO
JL1UXH
K0CFI
K1UR
K4SPA
K6YK
K7HPN
K8OI
KB2YWU
KB3IAI
KB3NDS
KB7AZ
KC5POV
KC8LGL
KE1IU
KE7RTB
KG4QWC
KI3O
KI5BLU
KM7N
KM9I
KQ6K
N3PPH
N3WCM
N6DW
N7CZ
N8DEZ
NR4J
NU4N
VA2BBW
W2SUB
W4MLN
W5KDA
WB0NRV
WB7X
WC4V
XE1GZU

90

AA0LM
AB4WL
AB9DU
AF5BG
DL1SMA
JH4JNG
K1HC
K1KA
K3CWF
K3UAL
K4AAP
K4FTP
K4XZ
K8EAB
KA5TJI
KB5FHK
KB7BSA
KK4DZP
KW3DX
N2ULL
N4BRF
N5BA
N9JJ
VA3XOV
W9CPV
W9CSY
WA2BEV
WA8OJR
WD9HCF
WE7H
WEST SEATTLE AMATEUR
WH6LE
WM7C
WT4C
XE3/K5ENS

89

AB1TZ
AG2AA
AG7NR
G4NBS
JQ1TIV
K4BMM
K5CX
K5JAZ
KA0MWA
KF4TVL
KI0G
KI4FW
KI4US
KR4U
N2GZ
N5KAE
N8YSZ
N9RG
N9UDX
NE2U
VE3VCF
W0HRO
W1HY
W2JEK
W2OK
W4ZMM
W6VNQ
WA7SDI
WB3IAL
WM6Y
WQ5C
WR5AY
XE2NL
XE3DX

88

AA4QE
AE0DX
AE4OF
AF4MI
K1RS
K3TN
K4XD
K7CTV
K7WV
K7ZYV
K9JF
KB2KIR
KC1GWX
KC3MLC
KE8EUV
KI2D
KI4RFM
KJ4KW
KQ4AJI
KU4S
N0OK
N1CEO
N2MKT
N2ZN
N4CAG
N4GN
N4KIN
N4UC
N5VBK
NS3X
NT4TN
VE2VLJ
W2BZR
W3YX
W4DL
W4RXR
W7HDD
WA2BTR
WA5MD
WK3N
WV8O
XE1SOV

87

AC0A
AG4I
K4JC
K5UZ
K5WO
KB1VUN
KC8NAH
KE6WOX
KI6RRD
N0ELA
N2CJN
NE5S
NI5F
NN7RM
W8GOC
WB3IGR
WB8JAY
WF4W

86

AG1T
K7FB
KA9OKH
KB7JJG
KI6HQT
KN4MMH
KP4TB
KT1R
N2NF
N3MVF
N8TFD
NZ3O
SV1RK
UT9FJ
VA3MDB
VA7LM
VE7IRU
W8IW
WA1PMA
WB4GCS
XE2AU

85

AC3KE
AC9GK
EI3IO
K1UU
K4LRP
K5MJP
KB3MXK
KC0V
KE4DRF
KK4AND
N2RJ
N4LS
NJ1Q

NM4SH
VE3GFN
VE7DAY
W1WV
W3STU
W4IT
W4RA
W6ST
W7SIR
W8DQ
W9QY
WA4WKL
WD4LSS
WF4R

84
CT3FT
DS2JJV
K4EZY
KE6NDG
N1KI
N2NWS
VE2WBK
W8PU
W8SGR
ZS6NK

83
AA6E
K1LH
K4SQC
K8SIA
KB3HHA
KB9LIE
KK7BV
KU4WW
N5PD
N6KTH
SV2AEL
TG9AKH
W7USB
WD6T
WD9IOK
WI6Z
XE1MM

82
AD4IE
CB0ZA
K3RJK
K4JMX
KA5WSS
KC5YKX
KG4KVZ
N1SF
PU8TEP
W5DAS
W7YOZ
W8GG
WA2ONG

81
AB4I
DF3CB
KE4DZU
N6MM
N7NEV
NI4Y
W3MC
WA4ZXV
WA8ZNC

80
AC6BW
K7FR
KE4PT
KR4Q
KW1DX
N2NS
VY2HF
W2DEN
W5TTY
W7AM

79
JF1LMB
K4RW
K5JBT
KB4DSL
KP4N
N2COP
N5YJZ
N9RC
VE3CFK
W2GW
W2SKI
WN0L

78
IZ8EDJ
K2QPN
SP5QWB
TG9AWS
W4NE

77
K1IFJ
MI0AYR
US5WE

76
K0WYN
K6MAA
KI4CYB
KI7WXP
N1GNB
N2MH/4

75
G4RGK
K3PP
K6VHF/HR9
K8QM
N5GH
NP3YL
W4LVH
W5UC
WP4NEG
ZL3AAU

74
AK8B
CX4AAJ
KF2TI
LU4FPZ
VE6SO
VK4CZ
WC6DX

73
JF1IRW
VP2MJD
W4WT

72
N4II
PV8ADI

71
K0GW
K4GK
K5WPN
NP4TT
W2YR
W3FGP
WC5M

70
GI4SJQ
K4BNC
KC0ZRX
N6GEO
W2QO
W4GP

69
JL3MCM
K3WGR
W1YM
WD4LBR
YL2JZ

68
AA4S
EH7CD
K6CF
KJ7TEA

67
JG2TSL
KF4JHG
KK4YEL
W7YED

66
K6KLY
UX1UA

65
JA1XEC
K4IM
K5EJ
N7UJJ
OK1MP
W4CCS

64
K3BQ
WD5GRW (EM13QJ)

63
EA1DR
HL2EIZ
KB0RFY

62
K4DXA
N6ZDH

61
CU3AN
K4MLB
N0GVK

60
HB9BIN
KP4JFR
S55DX
UR9QQ

58
KC6NBI
SV8CS
WA2MUA

57
IK1ZOF
N5LJL
WD5GRW

56
HB9HIT
KI5WA
LU8ADX
NI6T

55
LA3MHA
SP5APW
WA2EMF

54
AG4KI
JR2SQZ

53
HB9RUZ
K0BBC
PP1CZ

51
CT1ETE
N8OFS
OH4UI
VE9FCP

48
G8BQX
HL2IFR
JA9KRO
K0BBC/R
KI5KC
N6DBF
NP3IR
YL3HA

47
HB9RYZ
JE1VTZ
N6PAZ

45
JA6WJL
K4TXJ

44
DM2RM
WO3T
XE2YWH/1

43
8P6SH
CT1EEN
HB9AOF
K4ZIN
LA6OP

42
HA5PT

41
E75AA

40
JR0QFA
WB8TGY

39
AA5PK

38
DD3KF
DG7RO
DU1EV
HL4GAV
K8YSE

37
BA7NQ
DS4AOW
HL4CJG
JA9APS
JH9DRL
OE3SGU

36
JA1WSK

35
GI4OWA
LU9DO
UR5WA

34
G4SEU
JL3LSF
LA2QM

33
W8GC
WB4SON
WB8TGY (EN72)

32
N3LRH
SM6WET
ZL3TE

31
K7TM

30
E72X
JO7WXN
WA6DNR

29
HL2WA
OE4VIE

28
CT8/K0RUI
E70A
JA6CRP
JR7ILA
K0FMI
OH3DP

27
KC9ELU
WP4NIX

26
WB7QXU

25
EA4/K1WE

24
EI2JD
F1RAF
F4BDG
HB9G
KS4YX
ON6AB
PA7TWO

23
GM4ILS
K4SLC
KP4EIT
W8MK

22
9H1SP
IZ3ENH

21
EA1YN

20
CX1FK
I1FQH
JM1KVW
N1WC
PY5EW
W8LR

19
DL1TS
EA6BB
JE2UFF
JI4WAO
JR3UIC
PY2HN
SP8NR
VE6TA (DO31)

18
AJ6V
KJ4EU
W0HBH

17
G3LZQ
PY2XAT
SP5XMU
SV8CKM

16
N6VHF
TI2CDA

15
9K2BM
EI2GLB
HB9FMN
LU5FF
PY2RN
UT3UA
WC2C

14
EA8MT
IW3GJF
JA2XCR
KB8DVT
PA7RA
PV8RR
PY2OC
W9TTY

13
JA2LWD
K4AKX
K4WY
PY2MC
W4PWF

12
EA3GP
F4ESV
HB9DDZ
IK2RPE
JK1UNZ
JN1RQV
N1IW
ZS6WB

11
A65BR
DL2OE
EA4DAU
EA4ZK
G4CTY
IZ4GWE
JA2KVB
JA6QHQ
KA5WRG
PY2DV
PY2GM

10
DL4CF
HB9BOS
JH7IMX
JH8RZJ
JI2UDK
PA5KT
SV2DCD
TF3Y
UR7DWW

9
DL7BA
EB1EWE
EC7ZK
G6BFP
HB9GWJ
IK3ITB
JA1MZL
JA2FGL
JE1LFX
KD3UY
S51NM

8
DF1ZN
DH0GSU
DK2LO
G1VDP
JA1CPU
JE3PCP
JG1JPE
JJ2NWI
N8RO
OH8LXT

7
DL1TRK
G8APB
GM4KHE
IZ0INX
JA2NDQ
LA3DV
N5ORT
NJ4Y
UR5FEO
ZS4TX

6
CT2FEY
DU0A
EI2JC
IK2GOQ
JA7NGE
PY2VA

5
DL5LH
EA1AAA
EA7ZY
G6MXL
IK8GYS
JI5USJ
JJ1IDW
M1VPN
MU0GSY
OK1IN
ON5UE
PP2RON
SK6QA
VE2NGH
VR2XMT
W1ZR
W2ZF
YL2CZ

4
CT7/RC2A
DD6UAH
EK/RX3DPK
F1DFR
GM4CFS
IV3GOW
JH7IPR
JK6DXD
UT5EL
VK4ZP
XE1SAX

3
DJ5AV
DL2KQ
EA1AR
EA4D
G3LHJ
G4DDL
HA9PP
HL2ZN
IK0WRB
IK8EPC
JI1CHH

JM1GHT
JN1BPM
JR6IQI
K3HPA
KC0Y
PY5IP
SA7CJO
SV1VN
US0YA
W1CBY
WD9EWK (DM43)
YB1TJ
YL2CA
YL2MU

2

5B4ALJ
6K5XZE
9A2GA
9K2NO
BV6CC
CO6CBF
DF3VG
DF8FT
DK1CO
EH4BPJ
ES8JX
F5TMJ
G0THY
G8GNI
GI4ONL
IK1IYU
IZ8XQC
JA6AVT
JA6SZV
JA9FAI
JH3MHI
JP1HDK
K4KZM
K7LY
KEN IN NEBRASKA
LA2CQ
OH3KAV
SV1XV
SV3FUO
YB2DX
YL2KF
DL4ZAB
DL8GAM
DS5DNO
DS5TOS
EA2AA
EA3WD
EA4GQS
F1VEV
G4CFS
G4VSS
G7SQS
G8TTI
IK5BSC
IW0AFS
IZ0BTV
IZ2CSX
IZ3DBA
IZ5FSA
JA1GZK
JA7DPC
JA7VXB
JH8XVT
JI1HNC
JJ1PFC
JL2ULM
JN3ONX
KC3KJQ
KG4JSZ
KH6WI
KP4DER
MM0INH
OK1UU
ON6NA
OZ1IKY
PU5SVE
SM3GBA
SM6LPG
SP7EXY
SQ5NRY
UN8G
UR5EDX
VR2VGM
WB7VUF
YO8WW

1

3A2MW
9A2EY
AJ6T (EM66)
BD4UJ
CT1AHU
DH8BQA
DJ3ZF
DL2DCX