

## 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 (11 Feb 2025). 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.

<b>488</b>	W5AJ	<b>483</b>	<b>472</b>	<b>458</b>
AA0MZ	W5FF	AC0RA	A11K	KG5THG
AA5AM	W5KI	K0TPP	KB7ME	N9BCA
AA5C	W5OZI	K1USA	N7ZO	<b>456</b>
AA7A	W7GJ	W0VTT	WD8JJA	N4JQQ
A15I	W7JW	<b>482</b>	<b>471</b>	<b>455</b>
K0GU	W7KNT	AD6D	AF5CC	K4SO
K1TOL	W7MEM	KX4R	N5KO	<b>453</b>
K4PI	W9FF	<b>481</b>	<b>469</b>	K4YMQ
K4XO	W9JN	W9VHF	K7BG	<b>452</b>
K5RK	W9RM	<b>480</b>	N4TB	N5BO
K5UR	W9XX	K5GZR	<b>467</b>	W3UR
K5WE	WD5K	N7KA	AD1C	<b>451</b>
K7CW	WQ5S	WB0ULX	N5EKO	XE2K
K7ULS	WS9V	XE2CQ	WO7R	<b>450</b>
K8SIX	<b>487</b>	XE2OR	<b>466</b>	AJ4F
K9CT	K7MAC	<b>479</b>	KA0JGH	N9BX
KA9CFD	K7TM	KM0T	KB6NAN	<b>449</b>
KA9FOX	K9YY	W5WVO	ND4X	KF6HI
KD5M	N0AKC	WA7HQD	WX7M	W8TN
KG5CCI	N7CW	<b>478</b>	<b>465</b>	<b>448</b>
KM0A	N7IR	AE5B	WB9CIF	W5XC
KO9A	N7IR	N5WS	<b>464</b>	<b>447</b>
KR7O	N7NW	<b>477</b>	KB9OWD	K4HB
KV5W	N9ISN	K0BJ	WE9R	KS7S
N0LL	NA6L	NC6K	<b>463</b>	N4SC
N0LWF	<b>486</b>	W9RN	VE3EK	<b>446</b>
N0PB	K1TO	<b>476</b>	<b>462</b>	K6EID
N0TB	KY7M	KC7QY	K6ZH	N4QS
N1AV	N0KE	KC7V	N6ORB	NV4B
N3SL	WD5COV	<b>474</b>	W5EME	<b>445</b>
N3XX	<b>485</b>	N4WW	<b>461</b>	KU7Z
N5DG	K5ND	W6XK	NA9RB	N5NA
N5OMG	K9MU	<b>473</b>	<b>459</b>	N8OC
N6JV	N0POH	NQ7R	K4MY	
N9LB	W3IP	WB0O		
N9UM	<b>484</b>			
ND0B	K0SIX			
W0FY	W5VY			
W0JW	W5ZN			
W0LGQ				
W3CP				
W4UDH				
W5ADD				
W5AFY				

<b>444</b> KB8VAO N7BAV NI0G W4DR	<b>431</b> K0TLM K8ZM N2QT	<b>419</b> K7NN W0GN W5AL	<b>400</b> W0JRP W0RH W3UUM	N7IJ NN4R W5TFW W7AH WE4S
<b>443</b> AB4IQ K4XP N4MM N9PGG NE1B	<b>430</b> K1TEO KF8MY N5SYV N5TJ	<b>416</b> K4RWP K7ND	<b>399</b> WA9DU	<b>385</b> KF0M NK1K VE6MB W4WTA
<b>441</b> K8TB KD3CQ	<b>429</b> WA5JCI	<b>415</b> K5OMC K7AWB KO4MA W0GJ WB5JID	<b>398</b> K7SMA N8IEZ W1NG W5JAY	<b>384</b> AB4SF K1GG K8ROK
<b>440</b> AG9S W2IRT W3LPL W5THT	<b>428</b> K9APW KP4AJ N2NL N4QWZ N4TL	<b>414</b> AH0U K7KQA	<b>397</b> K5RT	<b>382</b> K5PI K6VHF VE3YXO
<b>439</b> WB8ZBT	<b>427</b> N4LR NM5U W3LL WA1EAZ	<b>413</b> WA9LFO	<b>396</b> KB8U	<b>381</b> W3VZ
<b>438</b> KB9DAK	<b>426</b> K4ZOT K8ZR N5OK XE2X	<b>411</b> K9MK N9EAT	<b>395</b> AA5XE K0AZ K5WBM KF7CQ	<b>380</b> K7MCX NE6I WA5LFD
<b>437</b> NY0V WB7CJO	<b>425</b> K6ML	<b>410</b> KE7SW KE8KMX KI8G N4HN	<b>393</b> K7XC NJ6D W4TV	<b>379</b> KZ2I N8WNA
<b>436</b> K1HTV K3SX K7PI W3TC WB8ART	<b>424</b> N4UFP N9AKR W3EP	<b>408</b> W7BA	<b>392</b> AF4HX N4UFO VE4EAR W6OMF	<b>378</b> AG4W WR7X
<b>435</b> K9KLD KF6A	<b>423</b> AJ4A NA6MG	<b>407</b> W4AS W5CIA	<b>391</b> N1EVK W4AVY	<b>376</b> AA5JF K8GI K8VFX N2WK
<b>434</b> K1SIX	<b>422</b> VE6WQ	<b>406</b> AK3E K6FG VE2XK 6M FN07PJ	<b>389</b> NE9U	<b>375</b> K6QG WB4OQX
<b>433</b> N9FN W9WO	<b>421</b> K8ROX WB8BPU	<b>405</b> AA4SC K5CKS	<b>388</b> AE5FM K0IP W4WRL	<b>374</b> AB1OC KV7K N6GP N7DB
<b>432</b> K6GXO N6KK W5TRL	<b>420</b> KK4MA VE3LYC	<b>403</b> NH6T/W4	<b>387</b> AA1ON K2TER KV4T N4CH	<b>373</b> K4SSO
		<b>402</b> K3FM	<b>386</b> K8JH	
		<b>401</b> K4CKS		

<b>372</b> W5MO	<b>360</b> AA4FF K6UM (CN85) N3OC	<b>344</b> AC9DX K6FW KB0PE KG8P N9XG W1OW	K3TRM N4UFO (EM95) N9DR WB5TOI	W7JLC WF7T
<b>371</b> WA6BYA	<b>359</b> NI0P		<b>333</b> KM4HI KN4NN N0IGZ N6KZ W3GQ	<b>325</b> WA2AEY WB4KTF
<b>370</b> K5TN KN4SM KS4YT N3MK NT0V	<b>358</b> K5RLA	<b>343</b> AB4EJ K5EK N3RC		<b>324</b> K9SH KU4A N2BJ N8HRZ VE3TMG
<b>369</b> JA7QVI KF8UN N2DPF	<b>357</b> K4LVV W5PR	<b>341</b> KB1EFS KD7DCR NX7U WA7YAZ	<b>332</b> AA7UN N4JDB N7KDT VA3IKE W9GM	<b>323</b> KI0E N8II W4MAY W8KEN
<b>368</b> KB0V W5RCI W6GMT	<b>355</b> N2ZX	<b>340</b> KE4TH N0AN	<b>331</b> K8WDA KC0UDO N4MW VE7BV	<b>322</b> VA6SZ
<b>367</b> AA4ZZ KC4HW KR4BD NT9E W7Yaq	<b>354</b> K0DEQ	<b>339</b> KE4BKL VA7FC W5VAS		<b>321</b> NC7B NS4C W9VA
<b>366</b> KI7JA W7FI	<b>353</b> AF2K K0CS K8EB	<b>338</b> VE3SXE WA5KBH	<b>330</b> KB8MBC NK0S	<b>320</b> K0VG N4DW
<b>365</b> K4JJW KG7CW WB4EVH	<b>352</b> NZ3M W0KKK W1JR WA9PWP XE2ML	<b>337</b> K8ZES NU6S W9EWZ WA5RT WW0E	<b>329</b> AA1QD N2JJ W1DYJ W2OR W8WG W9DCT W9XA WX4G	<b>319</b> N7US W4ER
<b>364</b> AB5EB N6QQ	<b>351</b> AA4FL K5DTC	<b>336</b> FG8OJ K5KDX K7BV K9QVB/9 VA2WA VE3DS WO9S	<b>328</b> K6ME N5PT W2CNS	<b>318</b> N3ALN W4HY
<b>363</b> W4NH	<b>350</b> AB9BH N6VI N8YO			<b>317</b> KA8SYV N3PS W1SKU WA7PDC WO2T
<b>362</b> WA5OLT	<b>349</b> KA0BAD	<b>335</b> K5FUV K5FZ K9QVB KB4MRX W9GKA	<b>327</b> K6EME KJ5RC N0YO W2JU	<b>316</b> K3FN KA0ABA N1KDO W4UCK W9BWR
<b>361</b> K7XB K8BL K9NR N7MB N8KOL NG4C	<b>347</b> KT8O	<b>334</b> K0OOK	<b>326</b> K2ZD K6LMN K6TDI KD5XB NG7M VE1JBC	<b>315</b> K5VH KG6AY

NY2NY	<b>303</b> EA8DBM K8TGC K8TL N7LAN	K6JSV	<b>283</b> K1ST W8OP WA0FQK WB0CQO	<b>274</b> KB1DMX
<b>314</b> KU4XO		<b>293</b> K3AX K4KJZ N4JJ N4MI W2GKR W4VC WA2IIE		<b>273</b> K2BLA KM4H KV1J WB0OQV
<b>313</b> K0TC N6NR NF4A W4GLV W5RKN WA1NLG	<b>302</b> KB2TGU W3TI		<b>282</b> AA0ZP K5TA N0GZ N8JCM W4WM	<b>272</b> K0PG XE1AO
<b>312</b> AF6O KA2GOJ WB3LHD	<b>301</b> N0HJZ N2ZZ W7IB W9OBG WB0TVY	<b>292</b> KJ6P W1SSN	<b>281</b> K4OY NL7CO W2YE	<b>271</b> K7NII KB7FUV KM3V N9JR W3HHN
<b>311</b> AC9S KM3T KS4XQ W2BZY W5DB	<b>300</b> AA4V K0DD K0PHP K0SRL KB6VFC N3KN WA2BAH WX0Z WX2S	<b>291</b> KS4S W1WHL	<b>280</b> K2UU N0KV NM5Z	<b>270</b> K4SPD KC9FQD N2LIV W4QK W5DNT W7JY WZ9B
<b>310</b> AA8SW N1NK NJ7G W9KVR WO4DX	<b>299</b> VE6WK W1LE W5SUM W8UV WB5GVY	<b>290</b> W3HDH WA8EFK	<b>279</b> AA8MA KF9UG N3JPU W0VHF (EL87) WA4NVM XE1FAS	<b>269</b> K1GJQ K2IE K3ZO KD5R N5EPA N5WD VA2CY
<b>309</b> AA4LR VE3XN	<b>298</b> AG1A KD4WSC N4IQ	<b>289</b> K4MM K9FA N5BCA NQ7G W4LTJ	<b>278</b> AA9D AJ4W K3JT N0LNO N8BJQ NN1N	<b>268</b> K6OJ N9ZTS W0KAN
<b>307</b> KE5K W3ATV W9RPM	<b>297</b> DK8NE N8YQX N9LF	<b>288</b> HC2FG K1NU N6AR W1DU W4HLR	<b>277</b> AC7JM JR1LZK NS4T PV8DX	<b>267</b> K8DP KG6EG KX9N N2AMC N7UVH N8EHW W4FSO W5WP W9DRB
<b>306</b> K6RO WV9L	<b>296</b> K6YUI KC7RW	<b>287</b> JE1BMJ N8CGY WA8ZID	<b>276</b> K2CS K5TWJ K7TAB KE8Y	<b>266</b> K1OA K1WVX
<b>305</b> K6UM (CM88) KF2T KT1J WA9M	<b>295</b> KE4P N7NT NA5Z W2HRO	<b>285</b> K5CZD K9UO N0LD WA4HFN	<b>275</b> K1MAA K2NJ N4GG W0FK W8PI	
<b>304</b> K6IPF W4FC WA0GUD	<b>294</b> JG1TSG	<b>284</b> AB0RX K0KP K4DET KX7L NJ2F (EL96) RETIRED		

TG9AJR WB8EJN	K2KA K5QE KD4MYE N5DTT PY2XB WA2HFI/O	<b>248</b> K1ZZ W6VFA	<b>239</b> KF4LVF W6RW W9YOY/M WA3SEE WB1FLD	<b>231</b> K4MIJ K6HEW KF6GYM W9XT
<b>265</b> N5KS		<b>247</b> W1FKF W3TEF		<b>230</b> K1ZE KO4MM VA3XJ WB0WAO/8
<b>264</b> AC8L K4JAF N0TK NF1O	<b>256</b> K3WA N8ZJN	<b>246</b> JA1UAV K0DAS KK8X N5TIT W4FRA WI7P	<b>238</b> AA3GM JP1LRT KV7N	
<b>263</b> AK4PR K3VAT K4XR K9AAA W7CT WB7QBS	<b>255</b> JM1IGJ K8MVZ KG4JPL W0NOZ WA8KNE	<b>245</b> N1IA N3XF VA3CW	<b>237</b> K3FRK K3KO K4QE	<b>229</b> K6RG KB9RUG KD5IKG KE4UW N4NX NN5DX
<b>262</b> K3CWH KD8JSP KL7HBK N4ST ND4DX WA0KBZ	<b>254</b> KF8QL N7QOZ VE3OTL WD5ITW	<b>244</b> AA9RR K8DV N3AIU (FM08) N4JRY VA3ZV VE3VHB W0VD WD4IXD	<b>236</b> K0SU K4NK KL0S MD0CCE N3FTI N9ATD W5AJX W9OO	<b>228</b> K5RUS K7HSJ KF2ZQ N8AIA W5HEZ
<b>261</b> AF2F K3TWK KB8UUZ N3EW	<b>253</b> KG4ERR N2XQM N8LRG W3SW W9TA	<b>243</b> JA1QJI K3TC W4EJ YV1DIG	<b>235</b> ND0C NN9X VO1GO WB6RJH WT2P WZ9W	<b>227</b> K8ZT K9TF KS9A W4KXY W5LUA
<b>260</b> K6JAD N6HC W0PR	<b>252</b> AB5A CT1EEB F4BKV K1ACL NN4RR VE6NTT VE6SH	<b>242</b> K3WW KA3TCC WA8MCD	<b>234</b> KE6FCT	<b>226</b> AF5WN GD0TEP N7CNH N8UR NM5S W0VX WQ6Q XE1YY
<b>259</b> AK0MR KD4ADC KG6I KN5O N1RR NS7K NY1E VE6BMX	<b>251</b> AD5JK HC1BI K1NJ K3NK KG7NV NN4SS	<b>241</b> N6NU W5LO	<b>233</b> K1AFC N3AIU (DM45) N9NJS VE7VZ W3DF W8PAT W9TD XE1L	
<b>258</b> K1BD K2HAT NA2NY WB7ECS	<b>250</b> AA9LC NW6R	<b>240</b> AB5GU KG5EIU KI0HA KK4ZUU KO6LU VA3HP W1VT WA2VJL	<b>232</b> AE4WG AI9L K5FO N9NJY VE6TA (DO33) W0PPA	<b>225</b> AC9O K9QJ KX9X (EN50) N2WSY N4SV VE3MSC W8AKS WN6W
<b>257</b> K0CCM	<b>249</b> CT1IUA K8AO KQ5U N1GC			<b>224</b> JA8ISU JM1SZY

K9MQ WA4YA	KI5FJ N2YU N6KW NA5C	N8NJA	<b>199</b> K4GHS N3KFV NJ8J W4OEP WB0YEA	<b>191</b> K0ITC K9CS KK6OH N9AMW WA2BKN WA5CAM WD4JHD
<b>223</b> K7UA NI3K NJ7A	<b>214</b> KB9PJL PV8AZ VE3SYK WA7AJ	<b>206</b> AB0CT AK4Y CT3MD K9YC (EN61) KB0LYL NA5Q W0BNE W4EJG XE1J	<b>198</b> AC8TO N0UK N7EPD NX0I WA7KYM	<b>190</b> K2WJ K5DB K5ER KC2DLD N5SMQ N9UA W1ATV W2OO WB0DBS
<b>222</b> K0YY K2TV K3AJ KA1LMR KD4K W8GJ WA2BOT	<b>213</b> K3DFL KI6X W0NBC W8RD	<b>205</b> AF4OD K8SD KE4HOA N5ITO N9ATF W8QID	<b>197</b> K3EGE N4BAF W3TW W5CTV	
<b>221</b> K5WMH K6CQR N0PSJ N4ION N5UWY W4IFI	<b>212</b> AB5C JF8QNF KF7NN N2OA N5PA	<b>204</b> IT9IPQ	<b>196</b> JR2HCB K0AIZ K0NR N5DUW W2AMR XE2ED XE2W	<b>189</b> KC0MEA W3SZ WA5VKS
<b>220</b> K7BTW N7XCZ	<b>211</b> K9FOH NE8S VE3SMA W2ZDP W5HMK W6AER	<b>203</b> K0VSV K5HYT K5LOW N0HF N8SYF NR0Q W1RM W9GFB W9VOB	<b>195</b> AA4W JA7MSQ K6VDP KC0VDY KG6WIK	<b>188</b> AD7KI KD4HLG W4AZR WA7VHF WU9Q WX9M
<b>219</b> K2RKJ KE5RV W5JMW W6DPD W7ZSL WB2WIH (FN20)	<b>210</b> JR3REX K3MSB K9YC KL7NO N1SV N1TQ N6UK WQ9T	<b>202</b> K1BZ K5GJR WC7X WF8Z WQ5W		<b>187</b> K3EA KD3HN KQ0J
<b>218</b> K1XH K4IJQ K8YC KB8KVJ	<b>209</b> AA4IB W5WGF WA4NFO XE2N	<b>201</b> AA7WB KC5FP KO9V KR0I NN0K WA1MKE WA9ASZ	<b>194</b> K2MRK N3FA N9NFT WF1H WK8A	<b>186</b> DJ5FI K6ZZ K8PT K9SG KN4PPD KN7K N0XLR N6ZE
<b>217</b> KB1HY ND4V W4DEE	<b>208</b> AI2N CO8DM KD5HIO PV8ABC	<b>200</b> 4A2MAX N5AO N9AG VA3VU W1AW	<b>193</b> K7PT K9AB	
<b>216</b> K7RB N0IS NE1F W5RWF			<b>192</b> N1LF N2NB N3CAL N3NR N4LXB N4TV W6MTR W8FN	<b>185</b> AD6W KD5BQT KU4UC NA2R PY5CC W3OU W5BPT
<b>215</b> AL7OC K2SX	<b>207</b> K3HPA N1BCL			

<b>184</b> AF5Q K0DEW KR4M N1IBM N4BG	KB0EO KB1RZA KG5RJ KK8MM N1ZUK NQ2O VE3NRT W0ZY W1MAD WY7FD	<b>171</b> AA4PB HP2AT KC5GSK KC5YCH KI4TZ NS3L W1PX WA2KBZ	<b>164</b> K2SD K5VWW KD0UHN KF9US W4CSW WK7G	<b>155</b> AE4M K3TD K6XN N7AU N9OBE NY4I TG9ANF VA3NQ WV8DX
<b>183</b> K5RQ N0FJP N0UBL W2UDT	<b>177</b> AG4ZE K2QQ KI4BWW SM7FJE W5ZG WA8UEG	<b>170</b> K9TVG N4GBK N8CN NA2U W4IHI W4JKC WK3V	<b>163</b> K2JF K2YSY N5XZ	<b>154</b> AE4NT KB9VMW W3ZQN
<b>182</b> 4O3A AJ6T DF3CB FP/KV1J K5GMX K8WK KK0DX W2CCC XE1CL	<b>176</b> AD5ZA EA5BY K0DI KX9X N5QGH NP4BM W5AFD WA5IPS WW2R	<b>169</b> K6XC KD5OMJ N2BEG N5XES N7PHY VE3HHT W8KNO	<b>162</b> AF4GK K0QB KA1R KD4TDI W9JJB W9VS WA1Z	<b>153</b> AA4NC AB4GG K7AD K7LOL K7ZD KW0A N1OFZ N2ADV N6DHZ W3DQS W5FI W9ILY WB5ZAM
<b>181</b> AB9FN K4CMS K5HDE KB8YKR N3XJX N4DTF NY0A W4RBO W9BS WJ1B	<b>175</b> PV8BR	<b>168</b> KG5ZMQ W8WEJ	<b>161</b> K4EA KB3CWQ N2YBB V44KAI VE3LC W4HOG	
<b>180</b> K0OST K4LYN KC1MMC N1RK N6PEQ N6VH WA5RR	<b>174</b> K3MD K6WRL KC6ZWT KG7P KU0A N1MGO NA2NY (ex-NA1VT)W1BAT NA6O W3SO WA2PNI	<b>167</b> K4MQG KB1YNT KE5EP LU4FW N0NHW NO0T TG9ADQ	<b>160</b> K5IQ WA3DRC	<b>152</b> AA6I N1NUM N2WM NU1T UT7QF W6IA WO4G
<b>179</b> K1EP KU4WD N0LIE N0MMA NH7RO VA3DPB W8LHP WA4QMQ	<b>173</b> K2ZZ K5YPV KE4SCY	<b>166</b> JA1OVD KC2GHT N5VU NC4RY VA3WEB WB4KXS	<b>159</b> K4MZ NS7B W1EME W4TTO WB8NUT	<b>151</b> KO0Z W1ZT W2DXE
<b>178</b> KA2AYR	<b>172</b> AB9KZ K5ZED KI4PKW KJ6HI VE2PN W4ABC	<b>165</b> K4DXT KD5HPT N1JFU W0RIC	<b>158</b> K8CR KI0D N2CG	<b>150</b> N9LAH VE3OAT W7APM
			<b>157</b> K4FX KB8GC WA7NB	<b>149</b> AB6CF K4SAN KK9H WB4VHF
			<b>156</b> K2KJ N3RN N9KO VE7VDX	

<b>148</b> AC0DQ AG0A G0OIL K0RU K7IU KB2YSI N0TM N5ZBI W6VNIQ (CM88) WB6RAB	NA1VT W0HNM W0UHL WB0MMC WM5H	<b>138</b> AC0XY AI6O KD7WPJ KE0A KE3D KE8RO KQ4KX N3XH	KC1RET KE1VT KM8V N7T W0RT W4GE WW7Q XE2O	KJ6SDF KN4DMN W0WT W5ZO W8FR WB2WEO WQ7F
<b>147</b> AF6AV IZ1L BG K6PSP KC1BUF VE3CX W4YCC W5WOX WA0VPJ WA3YGG	<b>142</b> N5RMS NA2X NC4VA W5SWV WS4V	<b>137</b> N1SZ N5JGK SM7AED	<b>132</b> AB3CV IC8TEM K5VG KW4G N4PPH NE1I VE3TM WN6K	<b>127</b> AA9RK JA3LZS K3GYK K7UV K8AC K8OS KB3OZC KB9TLV KC0RQH NO8D VE2JWH W1FLD WA6BIL
<b>146</b> K2GW K8YTO KB0YH KB5ZEA KC2TN KM5TY N4HID VA2RC VE1VOX W4HFZ	<b>141</b> K4AR K9ATX KT8TD N9FIV W4FS W4POT W6ZI WB9WHQ WR7AY	<b>136</b> I0WTD K0XXX K4SX KC5LK KC9AXZ KJ5RM KV1E NO1R OE6IMD W2JCN W4AVV W7UV XE2JS	<b>131</b> K3NAT KG9R N2CJ PV8AJ	<b>126</b> KJ7G N0BDS N7DGI WB4HUC YL2AO
<b>145</b> KD7YZ V31MD VA3TTX WA4JA	<b>140</b> AC5DK CO2WF CT1BWU JA1AFR K1UO K7SAM KC0MEZ KC8TMU KJ4KVC N1EN N3VOP NJ0U VE3KY W4TUN W6DQ WA4KXY	<b>135</b> CU3EQ K4MWB K8ZIZ LY3W N4DB N8XE W6BXQ WB8BZK WW2DX XE1H	<b>130</b> AB0X AK8CW JA6RJK K0GUR K4JKB KC4NX KE8RJU NG9R VE1DX VE2TZT W0PHX W2LES W3FEY WA2SEI WB4YDL WW5W	<b>125</b> AA7DK K3PU KC5DRI KD2NF NT7C W2AJM W3UQH W4DFU WA6POZ WB4OMM WE1P
<b>144</b> K0TLG K5TDW K6JRA K8MN K8WU N9DI W5MPC W07GI	<b>139</b> IZ8FFA K1DT KC7JPC KU0G N2ZA N3FX NA2AA W2PD W4OV WA5TKU WB2JIL WY0V	<b>134</b> AB1NS AB4GE BA4SI C6ABB GM4UYE HK3W KE5FXE N3AIU (DN70) N8GOU W4TKI WA3WZR	<b>129</b> 8P6ET JF4VZT K0KD K5QWO KC8KSK KF4NEF KM5LY KM5SC N9WBR NZ6N	<b>124</b> K0DLW K8VA KB0HH (EM06) KD5FTD KM1C KT5MR N0SL N9AZZ PV8AAS W0PE W1TAM W7YM W9CDL
<b>143</b> K0KVR K6JBH K9QFR KB8RJS N8URE (FM19)		<b>133</b> KA5ETS	<b>128</b> KC7QAG	



<b>123</b> AC7AF K9SM KB0GT KB0STN KG6DHQ VE3TG W1HS W3SE W4PRZ W5EWF W7MHW W8BI W8KHP WA8WV WB2RVX	<b>119</b> AE5AU K0AWU K1ZN K2SQS K4MSG K7JIZ KF7PCL KP3V KT0P KW7N N4UPX W0QC W4SW W7QQ WI4T WM9M	<b>115</b> K9MMS KE6TVM KF0QS KF9AF KM5FA N7VGO VK9DX WA3BZT WC7V	<b>111</b> N0SLT N8IK PC3T W8GBH WZ8P	W9VNE XE1R
<b>122</b> K7AED K7OGW KA9JAC KB4UF KB5WFE KC5UGX N5HYV VE6PY VE7JAC WD0GTY	<b>118</b> J68AS K4AZV KA4LBD KF6MXK KI7BP KT8X KW4BY N1QDQ N3JNX N5EIL NZ1I TF3JB W2AC / WB2ABK W2AC/WB2ABK WB2KSK	<b>114</b> AC8HU K2RET K3RTU K9AAN KC4GCK KG9Z NF8M VE1WOW VE3IRR W2JLK W4ALF W4UFO WO2C WX4US	<b>110</b> K5KR K7LD KD5J KI0F KP4JRS KQ4LA KX5U N5TIF N5YM W7JET W7UP	<b>107</b> JA3EGE K5UIC KF7PG KI9A KK4LUM N3TTT N9OI NF0T US0KW W2ODH W2TTT WB4PPW
<b>121</b> AE1P K0MFI K4HBI KB2WAL KB5MH KE4JFS NE0P/9 UR0MC W8DN WB9TFH	<b>117</b> AB5J K4WS N4USG N5JEH* N5LPT NA7L NU6V W6WE WA1TBV XE2PXN	<b>113</b> AB4PM AD5MD K3DQB KD4BPZ KD6VCD KM5OL N3JDQ N4YCI N5YK W0BM W8MSP W8VW WD0ENC	<b>109</b> AK6ZZ G4BWP IW1ARB K2DSW K2JGL K2OO K5DNL K9GY KE6GLA KJ6CA KZ7N N8TMW N9TTX VE3AAQ W0YJT W1OP W4ZRZ W5MPC/1 W7RJR WB6YIY WB9W	<b>106</b> EA4DEI K0MEI K5BJW K7BWH K7JE KB0TIJ KC7ICM KE5JXC KJ6MBW KK2DOG N0RQ N1USB N2IPH N4CE N5FPW N5YHF N8HM N9XMU VA3OKG VE3AJY WB6VYH WQ9F
<b>120</b> EA1YO K2CYE K4CGY KD0R KD4MZM KD5BRF KE4SCY (FM06) N3YPJ VE1JC VE3XK W4LVH WA6RAY WB0WAO WD4OHD	<b>116</b> IK7EOT JR1BAS K4RGN KI6QDH KU5B N0VR NO0B W0DHB	<b>112</b> K2MLS K3GD K5WTA KA7T N5HMH W1TR W5DM W5DQ W6OAT W7IV W9PN WA8TWM WX3P XE1GK	<b>108</b> CF3VRQ HB9BZA JA9IPF K5OPB N3MWQ N5DD VE3SUB VE7IG VY2RU W4AMP W4CRN W5AAJ W8EH	<b>105</b> AC4Q K4SJA K9MAL KB3JGS KC0JYT KC4KK KF4DGS KJ7TH N4NQY N5SAN N7YY NE9O PU4JOE VE3VRQ W8MIL

W9RVG	AB8JH	A19U	N9MKC	K0QEI
WA4MYO	AD6KH	K2UA	NB5R	K0SH
	K0HAQ	K4UQC	NH6CJ	K0YQ
<b>104</b>	K3HW	K5GM	NI5W	K3HZO (FN20)
AB9YC	K5VR	K5KV	NS2P	K4GTR
AC5K	K9AM	K8IJ	VE2HAY	K4JQU
AC5RN	K9OHI	K9CC	W2HOG	K8XF
AC9QR	KA3ZLS	KB9ZLB	W2VU	KA2BSK
IK4DRY	KB8CR	KC2HLI	W5JLC	KA7EII
K5PPP	KC6WFS	KC8CC	W6TJU	KC0YBM
KB9RNO	KC8DMN	KC9CMT	WA1LAD	KD5CKP
KC2TR	KD8NYO	KD3SW	WA5TRX	KF4KSN
KD9GKL	KE1AU	KE5CVM	WB5NHX	KM4NYI
KJ7OG	KJ4M	KF0Q	WB7VVD	KT5WB
KM6WXB	KR5V	KG5X	WK5X	N1SFE
KO4LZ	N1HOQ	KJ5OA	WW2R (EL09)	N1VMJ
N0STP	VE7ZD	N3TBB		N3UMA
N1LDY	W4RVZ	N4NIA	<b>98</b>	N4BH
N2FBQ	W5DPT	N5RZK	AC2RL	N5OTY
N3UPS	W5OV	N5XTR	AD8Y	N6MA
N7AGF	W7UT	N7EME	K0KC	N9APK
NJ1H	W9NFL	N8COP	K0UD	N9IO
VE2PIJ	WA8EQP	N8XS	K3IXD	N9KY
W1TE	WB5FDP	VP2MRM	K3QIA	NK7C
W1ZE		W2CH	K4OP	NU0Y
W4KVS	<b>101</b>	W4/KL7GLL	K5HOB	VA3FIN
W6ZQ	AE7V	W4OZK	KA1EKR	W3QT
W9MDB	K0RAR	W8BZY	KE4LGL	W4CWA
WB2VUO	K0SBV	W9DQ	KG4YOU	W4DAS
WB8BZK/VE3	K0WJ	WA5TLP	KG7E	W4ID
WG3K	K2NUD	WV9E	KJ2G	W7DN
	K5DWI		KK0CQ	WA6OSX
<b>103</b>	K5HX	<b>99</b>	KY0Q	WA9LEY
AA5CK	K7SYS	AB0SD	N0JJQ	WB8RVK
AB0YM	KB4KBS	AB3TM	N1JHJ	WB8ZTV
AB5SS	KC6AWX	K0YO	N3LRP	WB9PNU
K2OY	KC8CSD	K4KEW	N5TEY	WE8L
K4MVL	KG8WB	K4WQ	N8AID	
K6USY	KG9IL	K4ZO	NO5X	<b>96</b>
K8ZEE	KL2R	K5VPQ	NO8R	AD5OW
KA1W	KR4WM	K7DD	VA3VF	AE4TQ
KB0FHP	KR7LD	K7PAP	W2KRP	AK4F
KB2SGX	N1IX	K9ZZE	W6TE	K2CK
KC9FFV	N4AOE	KA0ZEE	WA2FGK	K2UF
KF0AIJ	N8VEA	KC2IEB	WA3TLT	K2UNK
KF4DVG	N9DVS	KC6X	WB1GQR	K4EQH
KR4NO	ON9CMR/W0	KD4MWO	WB2YDS	K5CRJ
N0YXE	VA2LGQ	KD6RUH	WD0E	K8EMR
N1JIF	W4LLP	KR4UA	WH6LR	K9OT
VE7DXG	W5KBD	M5MYH	WT5H	KA2NDX
W0TF	W7ISG	N4FV	WV5Y	KA3HED
W3LEO	WB8IMY	N5OHL		KB5GI
W6IT	WD5IYT	N7HRT	<b>97</b>	KB8PNS
W6XU		N7JPF	AB8M	KC0HBP
	<b>100</b>	N7TE	AJ9C	KD6PY
<b>102</b>	AC0FT	N8GHZ	K0HB	KI5TE
AA9MY	AI2S	N8YV	K0JQZ	KM2O

KM5NU	W9SX	W5ODD	<b>92</b>	N3PPH
KS4V	WA2ONK	W5PUF	K1EY	N3WCM
KT5RR	WA3I	WA7LHZ	K5GDX	N7CZ
N0WVU	WA4WR	WA9BXB	K5TDA	N8DEZ
N2LID	WB2SIH	WT9U	K7FU	NR4J
N2VHZ	WD8DOT	WV7S	K7HKR	NU4N
N2XK	WS4S		K7UWR	OE9KFV
N8PAQ	XE2AT	<b>93</b>	KB0PQP	W2SUB
N8YBY		AG2A	KC4JNW	W4MLN
NT2A	<b>94</b>	AG6CV	KD4QMY	W5KDA
NW5Q	AA4RP	AI8F	KE4WBO	WB0NRV
NY2Z	AB4VT	K0IW	KG4URP	WB7X
VE2DCP	AD1DX	K1PTF	KR7X	WC4V
W1HMM	HK4SAN	K1ZK	N0RC	XE1GZU
W4KK	IK8YTA	K2AK	N2SG	
W4TMR	K0ARM	K2MTS	N3GH	<b>90</b>
W7JHS	K3BEE	K4DAM	N4VN	AAOLM
W8DM	K3TUF	K5TRI	N5QO	AB4WL
WA3EEC	K4JRK	K6RM	N6FD	AB9DU
WB0M	K4LDC	K7IP	N6RPM	AF5BG
WB5KJE	K4NNX	K7TRK	N7DED	DL1SMA
WP4LNY	K4YJ	KB0USF	NS6E	JH4JNG
	K8GT	KC5TGT	UT5JAJ	K1HC
<b>95</b>	K9DOG	KC5TT	W1PV	K1KA
AE0G	K9SUL	KC9TTR	W2ACY	K3CWF
AE5EO	KA2F	KC9UL	W2CVW	K3UAL
K1PNQ	KA9UVY	KD0QG	W3ACO	K4AAP
K4ED	KB7AK	KE6AZX	W3HZU	K4FTP
K8KFJ	KC0AUY	KE6UMW	W4BP	K4XZ
K8ME	KC3AK	KE8RPJ	W4LIA	K8EAB
K8VD	KD4VRZ	KI0J	W6NS	KA5TJI
KD7WH	KE3WM	N2BX	W8JV	KB5FHK
KD8DR	KF0LA	N2YTF	WA3JKB	KB7BSA
KD9ZR	KG4NLZ	N3AO	WA4EEZ	KK4DZP
KF6XA	KU4JZ	N3ZBK	WM3O	KW3DX
KI0SK	N0LNE	N4GOA		N2ULL
KW9U	N0LP	N4YHC	<b>91</b>	N4BRF
N1XK	N2SU	N7EGY	AA0CW	N5BA
N2SLO	N3JBH	N7JI	AD3Y	N9JJ
N2WLS	N3XBG	N7KSI	CO2WZ	N9MSG
N3WAV	N3YUG	NA9D	K1UR	VA3XOV
N4ET	N5ZMP	VA7QI	K4SPA	W9CPV
N5BLY	N6HY	VE3WMD	K6YK	W9CSY
N5ENU	N6MXU	W0MHK	K7HPN	W9HBH
N5KI	N7NH	W2VTV	K8OI	WA2BEV
N9IV	N7UN	W3ZGD	KB2YWU	WA8OJR
N9LJX	N8WWM	W4GPM	KB3IAI	WD9HCF
VA3KS	N9DD	W5DMT	KB3NDS	WE7H
VA3PZ	N9UNX	W7EIR	KB7AZ	WEST SEATTLE AMA
VE3KZ	VA3MA	W7TRX	KC5POV	WH6LE
VE3SPW	VE3RX	W9IFW	KC8LGL	WT4C
W3UA	VE5MX	W9NED	KG4QWC	XE3/K5ENS
W4YZJ	VE7AB	W9WI	KI3O	
W5ADA	W2GR	WA5ICA	KI5BLU	<b>89</b>
W5CBF	W3IPA	WB5CON	KM7N	AB1TZ
W5RCQ	W3TA		KM9I	AG2AA
W7JWC	W4LNG		KQ6K	AG7NR

G4NBS	N4GN	WA4USA	<b>82</b>	MI0AYR
JQ1TIV	N4KIN	WB4GCS	AD4IE	<b>76</b>
K4BMM	N4UC	XE2AU	CB0ZA	K0WYN
K5CX	N5VBK	<b>85</b>	K4JMX	KI4CYB
K5JAZ	NS3X	EI3IO	KA5WSS	KI7WXP
KA0MWA	NT4TN	K1UU	KC5YKX	N1GNB
KF4TVL	VE2VLJ	K4LRP	KG4KVZ	N2MH/4
KI0G	W2BZR	KB3MXK	N1SF	<b>75</b>
KI4FW	W3YX	KC0V	PU8TEP	G4RGK
KI4US	W4DL	KE4DRF	W5DAS	K3PP
KR4U	W4R XR	KK4AND	W7YOZ	K8QM
N2GZ	W7HDD	N2RJ	W8GG	N5GH
N5KAE	WA2BTR	N4LS	WA2ONG	NP3YL
N8YSZ	WA5MD	VE3GFN	ZS6NK	W5UC
N9RG	WK3N	VE7DAY	<b>81</b>	WP4NEG
N9UDX	WV8O	W1WV	AB4I	ZL3AAU
NE2U	XE1SOV	W3STU	KE4DZU	<b>74</b>
VE3VCF	<b>87</b>	W4IT	N6MM	AK8B
W0HRO	AC0A	W4RA	N7NEV	CX4AAJ
W1HY	AG4I	W6ST	NI4Y	KF2TI
W2JEK	K4JC	W7SIR	W3MC	LU4FPZ
W2OK	K5UZ	W8DQ	WA4ZXV	TI2CDA
W4ZMM	K6UIP	W9QY	WA8ZNC	VE6SO
W6VNQ	KB1VUN	WA4WKL	XE1EE	WC6DX
W9HT	KC8NAH	WD4LSS	<b>80</b>	<b>73</b>
WA7SDI	KE6WOX	WF4R	AC6BW	G4FKA
WB3IAL	KI6RRD	<b>84</b>	K7FR	JF1IRW
WM6Y	N0ELA	CT3FT	KE4PT	SV1RK
WQ5C	N2CJN	K4EZY	KR4Q	VP2MJD
WR5AY	NA5DX	KE6NDG	KW1DX	W4WT
XE2NL	NE5S	N1KI	N2NS	<b>72</b>
XE3DX	NI5F	N2NWS	UW5ZM	AB1QB
<b>88</b>	NN7RM	VE2WBK	VY2HF	N4II
AA4QE	W8GOC	W8PU	W5TTY	PV8ADI
AE0DX	WB3IGR	W8SGR	W6TCP	<b>71</b>
AE4OF	WB8JAY	<b>83</b>	W7AM	HB9EFK
AF4MI	WF4W	AA6E	<b>79</b>	K0GW
K1RS	XE1RBV	DL5XJ	K4RW	K4GK
K3TN	<b>86</b>	K1LH	KP4N	K5WPN
K4XD	AG1T	K4SQC	N2COP	NP4TT
K7CTV	K7FB	K6JJ	N5YJZ	W2YR
K7WV	KA9OKH	K8SIA	N9RC	W3FGP
K7ZYV	KB7JJG	KB3HHA	VE3CFK	WC5M
K9JF	KI6HQT	KB9LIE	W2GW	<b>70</b>
KB2KIR	KN4MMH	KK7BV	W2SKI	GI4SJQ
KC1GWX	KP4TB	KU4WW	WN0L	K4BNC
KC3MLC	KT1R	TG9AKH	<b>78</b>	KC0ZRX
KE7RTB	N2NF	W7USB	K2QPN	W2LV
KE8UM	N3MVF	WD6T	TG9AWS	W2QO
KI2D	N8TFD	WD9IOK	W4NE	W4GP
KI4RFM	NZ3O	WI6Z	<b>77</b>	
KJ4KW	VA3MDB	XE1MM	K1IFJ	
N1CEO	VA7LM			
N2MKT	W8IW			
N2ZN	WA1PMA			
N4CAG				

<b>69</b> K3WGR WD4LBR	IK1ZOF N5LJL	CT1EEN HB9RUZ K4ZIN SV2AEL	JO7WXN WA6DNR	<b>19</b> EA6BB J14WAO JR3UIC PY2HN SP8NR
<b>68</b> AA4S EH7CD K6CF KW4OV	<b>56</b> KI5WA LU8ADX NI6T	<b>41</b> K0BBC/R N6PAZ	<b>29</b> HL2WA OE4VIE SP5APW	<b>18</b> AJ6V KJ4EU OE3SGU VE6TA (DO31) W0HBH
<b>67</b> W7YED	<b>55</b> JL3MCM LA3MHA US5WE WA2EMF	<b>40</b> E75AA JF1LMB JR0QFA WB8TGY	<b>28</b> CT8/K0RUI JA6CRP K0FMI OH3DP	<b>17</b> G3LZQ PY2XAT W0JM
<b>66</b> K6KLY KK4YEL	<b>54</b> AG4KI	<b>39</b> AA5PK YL2JZ	<b>27</b> KC9ELU WP4NIX	<b>16</b> N6VHF
<b>65</b> JA1XEC K5EJ N7UJJ OK1MP W4CCS	<b>53</b> K0BBC PP1CZ	<b>38</b> DD3KF DU1EV K8YSE VK5PJ	<b>26</b> WB7QXU	<b>15</b> 9K2BM EI2GLB HB9HIT HL4GAV LU5FF PY2RN SV8CKM UT3UA UX0DL WC2C
<b>64</b> JG2TSL	<b>51</b> CT1ETE N8OFS VE9FCP	<b>37</b> BA7NQ JA9APS	<b>25</b> EA4/K1WE	<b>14</b> HB9FMN JA2XCR KB8DVT PA7RA PV8RR PY2OC W9TTY
<b>63</b> EA1DR KB0RFY	<b>50</b> N6DW	<b>36</b> JA1WSK JH9DRL OH4UI	<b>24</b> EI2JD F1RAF F4BDG KS4YX LA6OP ON6AB PA7TWO	<b>13</b> K4WY PY2MC W4PWF
<b>62</b> IZ8EDJ K4DXA N6ZDH SP5QWB	<b>48</b> G8BQX JA9KRO K5XI KI5KC N6DBF N8MR NP3IR YY4DNN	<b>35</b> G14OWA HA5PT LU9DO	<b>23</b> GM4ILS HB9G JL1UXH K4SLC KP4EIT W8MK	<b>12</b> EA3GP F4ESV HB9DDZ IK2RPE JE2UFF JK1UNZ JN1RQV N1IW
<b>61</b> CU3AN N0GVK UX1UA	<b>47</b> HB9RYZ HL2IFR JE1VTZ	<b>34</b> G4SEU HB9ALO LA2QM UR5WA	<b>22</b> 9H1SP IZ3ENH	
<b>60</b> IZ4DPV KP4JFR S55DX UR9QQ VK4CZ	<b>46</b> LU2DX	<b>33</b> W8GC WB4SON WB8TGY (EN72)	<b>21</b> EA1YN	
<b>58</b> HB9BIN KC6NBI SV8CS WA2MUA	<b>45</b> JA6WJL K4TXJ	<b>32</b> N3LRH SM6WET	<b>20</b> CX1FK DM2RM HL4CJG I1FQH N1WC PY5EW W8LR YL3HA	
<b>57</b> HL2EIZ	<b>44</b> WO3T XE2YWH/1	<b>30</b> E72X JL3LSF		
	<b>43</b> 8P6SH			

ZS6WB	EA8MT	SA7CJO	IZ0BTV
<b>11</b>	EI2JC	SV1VN	IZ2CSX
A65BR	JA7NGE	W1CBY	IZ3DBA
DL1TS	PY2VA	WD9EWK (DM43)	IZ5FSA
DL2OE	<b>5</b>	YB1TJ	JA1GZK
EA4DAU	DL5LH	YL2CA	JA7DPC
EA4ZK	EA1AAA	YL2MU	JA7VXB
G4CTY	EA7ZY	<b>2</b>	JH8XVT
IZ4GWE	IK8GYS	5B4ALJ	JJ1PFC
JA2KVB	JE1LFX	7J1ADJ	JL2ULM
PY2DV	JI5USJ	9A2GA	JN3ONX
PY2GM	JJ1IDW	9K2NO	KC3KJQ
SP5XMU	KB8VAO EN91KT	BV6CC	KG4JSZ
<b>10</b>	M1VPN	CO6CBF	KH6WI
DL4CF	MU0GSY	DF8FT	KP4DER
HB9BOS	OK1IN	DK1CO	MM0INH
PA5KT	ON5UE	EH4BPJ	OK1UU
SV2DCD	PP2RON	ES8JX	ON6NA
TF3Y	SK6QA	F5TMJ	OZ1IKY
UR7DWW	VE2NGH	G0THY	PU5SVE
<b>9</b>	VR2XMT	G4DDL	SM3GBA
DL7BA	W1ZR	G8GNI	SM6LPG
EB1EWE	W2ZF	G14ONL	SQ5NRY
EC7ZK	YL2CZ	IK1IYU	UN8G
G6BFP	<b>4</b>	IK2GOQ	UR5EDX
JA1MZL	CT7/RC2A	IZ8XQC	VR2VGM
JA2FGL	EK/RX3DPK	JA6AVT	WB7VUF
KB4YKC	F1DFR	JA6SZV	YO8WW
KD3UY	IV3GOW	JA9FAI	
<b>8</b>	JG1JPE	JP1HDK	
DK2LO	JH7IPR	K7LY	
JA1CPU	JK6DXD	KEN IN NEBRASKA	
JE3PCP	S51NM	LA2CQ	
N8RO	UT5EL	OH3KAV	
OH8LXT	XE1SAX	SV1XV	
<b>7</b>	<b>3</b>	SV3FUO	
G8APB	DF1ZN	YB2DX	
HB9GWJ	DJ5AV	YL2KF	
IZ0INX	DL2KQ	<b>1</b>	
JA2NDQ	EA1AR	3A2MW	
JI2UDK	EA4D	9A2EY	
JJ2NWI	G3LHJ	BD4UJ	
LA3DV	GM4CFS	CT1AHU	
N5ORT	HA9PP	DH8BQA	
NJ4Y	HL2ZN	DJ3ZF	
ZS4TX	IK0WRB	DL2DCX	
<b>6</b>	IK3ITB	DL4ZAB	
CT2FEY	IK8EPC	EA3WD	
DH0GSU	IW3GJF	EA4GQS	
DL1TRK	JH7IMX	G4VSS	
DU0A	JM1GHT	G6MXL	
	JN1BPM	G7SQS	
	JR6IQI	G8TTI	
	PY5IP	IK5BSC	
		IW0AFS	