

Doug Vernier Telecommunications Consultants
 1600 Picturesque Dr. Cedar Falls IA 50613
 Sample of SearchFM's Standard Spacing Tabular Printout
 Preclusion Study in Upper Minnesota

REFERENCE						DISPLAY DATES	
46 19 16 N						DATA 02-09-0	
96 05 36 W						SEARCH 02-09-0	
Class A Preclusions							
Current Spacings							
Call	Channel	Location	Dist	Azi	FCC	Margin	

---	Channel 201	88.1 MHz.	---				
---	Channel 202	88.3 MHz.	---				
990602	APP 202C2	Baxter	MN	149.37	87.1	166.0	-16.63
981113	APP 202C3	Brainerd	MN	126.07	84.3	142.0	-15.93
---	Channel 203	88.5 MHz.	---				
KNCM	LIC 203C2	Appleton	MN	128.42	176.8	166.0	-37.58
KFBN	LIC 204C1	Fargo	ND	114.07	312.9	133.0	-18.93
KCRBFM	LIC 203C1	Bemidji	MN	196.06	37.9	200.0	-3.94
---	Channel 204	88.7 MHz.	---				
KFBN	LIC 204C1	Fargo	ND	114.07	312.9	200.0	-85.93
---	Channel 205	88.9 MHz.	---				
KNSR	LIC 205C1	Collegeville	MN	151.50	126.7	200.0	-48.50
KFBN	LIC 204C1	Fargo	ND	114.07	312.9	133.0	-18.93
960328	APP 206C2	Waubun	MN	90.78	28.3	106.0	-15.22
---	Channel 206	89.1 MHz.	---				
960328	APP 206C2	Waubun	MN	90.78	28.3	166.0	-75.22
981208	APP 209A	Fergus Falls	MN	0.00	0.0	31.0	-31.00
960712	APP 207C1	Sebeka	MN	108.99	52.7	133.0	-24.01
---	Channel 207	89.3 MHz.	---				
960712	APP 207C1	Sebeka	MN	108.99	52.7	200.0	-91.01
981208	APP 209A	Fergus Falls	MN	0.00	0.0	31.0	-31.00
KBHG.C	CP 208C3	Alexandria	MN	66.21	130.6	89.0	-22.79
981202	APP 208C3	Glyndon	MN	70.95	326.1	89.0	-18.05
960328	APP 206C2	Waubun	MN	90.78	28.3	106.0	-15.22
981203	APP 208C3	Fargo	ND	77.91	308.7	89.0	-11.09
980427	APP 208A	Fargo	ND	62.57	321.6	72.0	-9.43
981201	APP 208C3	Horace	ND	80.73	311.8	89.0	-8.27
---	Channel 208	89.5 MHz.	---				
KBHG.C	CP 208C3	Alexandria	MN	66.21	130.6	142.0	-75.79

Call	Channel	Location	Dist	Azi	FCC	Margin
981208	APP 209A	Fergus Falls	MN 0.00	0.0	72.0	-72.00
981202	APP 208C3	Glyndon	MN 70.95	326.1	142.0	-71.05
981203	APP 208C3	Fargo	ND 77.91	308.7	142.0	-64.09
981201	APP 208C3	Horace	ND 80.73	311.8	142.0	-61.27
980427	APP 208A	Fargo	ND 62.57	321.6	115.0	-52.43
980427	APP 208A	Fargo	ND 79.02	313.2	115.0	-35.98
960712	APP 207C1	Sebeka	MN 108.99	52.7	133.0	-24.01
--- Channel 209 89.7 MHz. ---						
981208	APP 209A	Fergus Falls	MN 0.00	0.0	115.0	-115.00
KUMM	LIC 209A	Morris	MN 82.67	169.9	115.0	-32.33
KBHG.C	CP 208C3	Alexandria	MN 66.21	130.6	89.0	-22.79
981202	APP 208C3	Glyndon	MN 70.95	326.1	89.0	-18.05
KCCD	LIC 212C1	Moorhead	MN 62.70	321.3	75.0	-12.30
981203	APP 208C3	Fargo	ND 77.91	308.7	89.0	-11.09
980427	APP 208A	Fargo	ND 62.57	321.6	72.0	-9.43
981201	APP 208C3	Horace	ND 80.73	311.8	89.0	-8.27
--- Channel 210 89.9 MHz. ---						
981208	APP 209A	Fergus Falls	MN 0.00	0.0	72.0	-72.00
KCCD	LIC 212C1	Moorhead	MN 62.70	321.3	75.0	-12.30
--- Channel 211 90.1 MHz. ---						
KCCD	LIC 212C1	Moorhead	MN 62.70	321.3	133.0	-70.30
KSJRFM	LIC 211C1	Collegeville	MN 151.50	126.7	200.0	-48.50
981208	APP 209A	Fergus Falls	MN 0.00	0.0	31.0	-31.00
--- Channel 212 90.3 MHz. ---						
KCCD	LIC 212C1	Moorhead	MN 62.70	321.3	200.0	-137.30
981208	APP 209A	Fergus Falls	MN 0.00	0.0	31.0	-31.00
--- Channel 213 90.5 MHz. ---						
KCCD	LIC 212C1	Moorhead	MN 62.70	321.3	133.0	-70.30
KCCMFM	LIC 216C1	Moorhead	MN 62.70	321.3	75.0	-12.30
KBPR	LIC 214C1	Brainerd	MN 126.07	84.3	133.0	-6.93
--- Channel 214 90.7 MHz. ---						
KBPR	LIC 214C1	Brainerd	MN 126.07	84.3	200.0	-73.93
KCCD	LIC 212C1	Moorhead	MN 62.70	321.3	75.0	-12.30
KCCMFM	LIC 216C1	Moorhead	MN 62.70	321.3	75.0	-12.30
--- Channel 215 90.9 MHz. ---						
KCCMFM	LIC 216C1	Moorhead	MN 62.70	321.3	133.0	-70.30
KDSDFM	LIC 215C1	Pierpont	SD 153.12	233.8	200.0	-46.88

Call	Channel	Location	Dist	Azi	FCC	Margin	
KNWF.C CP	218A	Fergus Falls	MN	0.00	0.0	31.0	-31.00
KCCD LIC	212C1	Moorhead	MN	62.70	321.3	75.0	-12.30
KBPR LIC	214C1	Brainerd	MN	126.07	84.3	133.0	-6.93
--- Channel 216 91.1 MHz. ---							
KCCMFM LIC	216C1	Moorhead	MN	62.70	321.3	200.0	-137.30
KRSU LIC	217C	Appleton	MN	128.42	176.8	165.0	-36.58
KNWF.C CP	218A	Fergus Falls	MN	0.00	0.0	31.0	-31.00
--- Channel 217 91.3 MHz. ---							
KRSU LIC	217C	Appleton	MN	128.42	176.8	226.0	-97.58
KNWF.C CP	218A	Fergus Falls	MN	0.00	0.0	72.0	-72.00
KCCMFM LIC	216C1	Moorhead	MN	62.70	321.3	133.0	-70.30
KNBJ LIC	217C1	Bemidji	MN	196.06	37.9	200.0	-3.94
--- Channel 218 91.5 MHz. ---							
KNWF.C CP	218A	Fergus Falls	MN	0.00	0.0	115.0	-115.00
KRSU LIC	217C	Appleton	MN	128.42	176.8	165.0	-36.58
KCCMFM LIC	216C1	Moorhead	MN	62.70	321.3	75.0	-12.30
KQMN LIC	218C1	Thief River Falls	MN	188.22	348.2	200.0	-11.78
--- Channel 219 91.7 MHz. ---							
KNWF.C CP	218A	Fergus Falls	MN	0.00	0.0	72.0	-72.00
KDSU LIC	220C	Fargo	ND	114.07	312.9	165.0	-50.93
KCCMFM LIC	216C1	Moorhead	MN	62.70	321.3	75.0	-12.30
--- Channel 220 91.9 MHz. ---							
KDSU LIC	220C	Fargo	ND	114.07	312.9	226.0	-111.93
KNWF.C CP	218A	Fergus Falls	MN	0.00	0.0	31.0	-31.00
--- Channel 221 92.1 MHz. ---							
KDSU LIC	220C	Fargo	ND	114.07	312.9	165.0	-50.93
KNWF.C CP	218A	Fergus Falls	MN	0.00	0.0	31.0	-31.00
KXRAFM LIC	222C3	Alexandria	MN	66.20	130.7	89.0	-22.80
--- Channel 222 92.3 MHz. ---							
KXRAFM LIC	222C3	Alexandria	MN	66.20	130.7	142.0	-75.80
--- Channel 223 92.5 MHz. ---							
KXKK LIC	223C3	Park Rapids	MN	107.19	50.5	142.0	-34.81
KXKK.C CP	223C3	Park Rapids	MN	107.28	50.3	142.0	-34.72
KULW LIC	224C3	Kindred	ND	60.96	308.6	89.0	-28.04
KXRAFM LIC	222C3	Alexandria	MN	66.20	130.7	89.0	-22.80

Call	Channel	Location		Dist	Azi	FCC	Margin
KZCR	LIC 277C1	Fergus Falls	MN	18.25	333.8	22.0	-3.75
--- Channel 224 92.7 MHz. ---							
KULW	LIC 224C3	Kindred	ND	60.96	308.6	142.0	-81.04
KZCR	LIC 277C1	Fergus Falls	MN	18.25	333.8	22.0	-3.75
--- Channel 225 92.9 MHz. ---							
KSDRFM	LIC 225C1	Watertown	SD	145.12	208.9	200.0	-54.88
KULW	LIC 224C3	Kindred	ND	60.96	308.6	89.0	-28.04
KKXLFM	LIC 225C1	Grand Forks	ND	196.01	339.2	200.0	-3.99
--- Channel 226 93.1 MHz. ---							
KBPQ.C	CP 227C1	Nisswa	MN	132.35	83.5	133.0	-0.65
--- Channel 227 93.3 MHz. ---							
KBPQ.C	CP 227C1	Nisswa	MN	132.35	83.5	200.0	-67.65
--- Channel 228 93.5 MHz. ---							
WDAYFM	LIC 229C	Fargo	ND	114.30	312.7	165.0	-50.70
KSCRFM	CP 228C3	Benson	MN	118.82	159.6	142.0	-23.18
AVAC	VAC 228C3	Benson	MN	123.70	163.4	142.0	-18.30
AVAC	VAC 228C3	Benson	MN	123.70	163.4	142.0	-18.30
KBPQ.C	CP 227C1	Nisswa	MN	132.35	83.5	133.0	-0.65
--- Channel 229 93.7 MHz. ---							
WDAYFM	LIC 229C	Fargo	ND	114.30	312.7	226.0	-111.70
--- Channel 230 93.9 MHz. ---							
WDAYFM	LIC 229C	Fargo	ND	114.30	312.7	165.0	-50.70
--- Channel 231 94.1 MHz. ---							
RADD	ADD 232C2	Alexandria	MN	66.68	152.0	106.0	-39.32
RADD	ADD 232C3	Alexandria	MN	64.56	131.9	89.0	-24.44
WRLN.C	CP 231C1	Red Lake	MN	187.19	25.0	200.0	-12.81
AVAC	VAC 231C1	Red Lake	MN	187.80	18.0	200.0	-12.20
--- Channel 232 94.3 MHz. ---							
RADD	ADD 232C2	Alexandria	MN	66.68	152.0	166.0	-99.32
RADD	ADD 232C3	Alexandria	MN	64.56	131.9	142.0	-77.44
RADD	ADD 233C1	Enderlin	ND	89.64	277.2	133.0	-43.36
KMSR.A	APP 232A	Sauk Centre	MN	99.07	134.0	115.0	-15.93
KMSR.C	CP 232A	Sauk Centre	MN	101.53	131.2	115.0	-13.47

Call	Channel	Location	Dist	Azi	FCC	Margin	
RDEL	DEL 232A	Sauk Center	MN	102.46	131.4	115.0	-12.54
KMSR	LIC 232A	Sauk Centre	MN	102.46	131.4	115.0	-12.54
--- Channel 233 94.5 MHz. ---							
RADD	ADD 233C1	Enderlin	ND	89.64	277.2	200.0	-110.36
RADD	ADD 232C2	Alexandria	MN	66.68	152.0	106.0	-39.32
KRVI	LIC 236C1	Detroit Lakes	MN	40.58	345.4	75.0	-34.42
RADD	ADD 232C3	Alexandria	MN	64.56	131.9	89.0	-24.44
--- Channel 234 94.7 MHz. ---							
KSKK	LIC 234C2	Staples	MN	113.80	76.4	166.0	-52.20
RADD	ADD 233C1	Enderlin	ND	89.64	277.2	133.0	-43.36
KRVI	LIC 236C1	Detroit Lakes	MN	40.58	345.4	75.0	-34.42
--- Channel 235 94.9 MHz. ---							
KRVI	LIC 236C1	Detroit Lakes	MN	40.58	345.4	133.0	-92.42
RADD	ADD 236C1	Barnesville	MN	75.66	317.4	133.0	-57.34
KQAA	LIC 235C1	Aberdeen	SD	198.30	242.1	200.0	-1.70
KMXX	LIC 235C2	Cold Spring	MN	165.52	127.8	166.0	-0.48
--- Channel 236 95.1 MHz. ---							
KRVI	LIC 236C1	Detroit Lakes	MN	40.58	345.4	200.0	-159.42
RADD	ADD 236C1	Barnesville	MN	75.66	317.4	200.0	-124.34
--- Channel 237 95.3 MHz. ---							
KRVI	LIC 236C1	Detroit Lakes	MN	40.58	345.4	133.0	-92.42
RADD	ADD 236C1	Barnesville	MN	75.66	317.4	133.0	-57.34
KDJSFM	LIC 237C2	Willmar	MN	158.02	155.7	166.0	-7.98
--- Channel 238 95.5 MHz. ---							
KKOKFM	LIC 239C1	Morris	MN	81.40	168.6	133.0	-51.60
KKZY.C	CP 238C1	Bemidji	MN	148.79	37.9	200.0	-51.21
KRVI	LIC 236C1	Detroit Lakes	MN	40.58	345.4	75.0	-34.42
--- Channel 239 95.7 MHz. ---							
KKOKFM	LIC 239C1	Morris	MN	81.40	168.6	200.0	-118.60
KRVI	LIC 236C1	Detroit Lakes	MN	40.58	345.4	75.0	-34.42
--- Channel 240 95.9 MHz. ---							
KJJKFM	LIC 243C1	Fergus Falls	MN	12.17	133.9	75.0	-62.83
KKOKFM	LIC 239C1	Morris	MN	81.40	168.6	133.0	-51.60

Call	Channel	Location		Dist	Azi	FCC	Margin
--- Channel 241 96.1 MHz. ---							
KJJKFM LIC	243C1	Fergus Falls	MN	12.17	133.9	75.0	-62.83
KIXX LIC	241C1	Signal Mountain	TN	145.12	208.9	200.0	-54.88
KQHT LIC	241C1	Crookston	MN	178.67	341.8	200.0	-21.33
--- Channel 242 96.3 MHz. ---							
KJJKFM LIC	243C1	Fergus Falls	MN	12.17	133.9	133.0	-120.83
--- Channel 243 96.5 MHz. ---							
KJJKFM LIC	243C1	Fergus Falls	MN	12.17	133.9	200.0	-187.83
--- Channel 244 96.7 MHz. ---							
KJJKFM LIC	243C1	Fergus Falls	MN	12.17	133.9	133.0	-120.83
KKSR LIC	244C2	Sartell	MN	163.64	111.4	166.0	-2.36
--- Channel 245 96.9 MHz. ---							
KJJKFM LIC	243C1	Fergus Falls	MN	12.17	133.9	75.0	-62.83
KDLOFM LIC	245C	Watertown	SD	190.51	218.2	226.0	-35.49
--- Channel 246 97.1 MHz. ---							
KJJKFM LIC	243C1	Fergus Falls	MN	12.17	133.9	75.0	-62.83
KYCK LIC	246C1	Crookston	MN	175.62	342.1	200.0	-24.38
KRVYFM CP	247C2	Starbuck	MN	97.75	154.2	106.0	-8.25
--- Channel 247 97.3 MHz. ---							
KRVYFM CP	247C2	Starbuck	MN	97.75	154.2	166.0	-68.25
KDKK LIC	248C1	Park Rapids	MN	107.19	50.5	133.0	-25.81
KDKK. C CP	248C1	Park Rapids	MN	107.28	50.3	133.0	-25.72
--- Channel 248 97.5 MHz. ---							
KDKK LIC	248C1	Park Rapids	MN	107.19	50.5	200.0	-92.81
KDKK. C CP	248C1	Park Rapids	MN	107.28	50.3	200.0	-92.72
KRVYFM CP	247C2	Starbuck	MN	97.75	154.2	106.0	-8.25
--- Channel 249 97.7 MHz. ---							
KFNWFM LIC	250C	Fargo	ND	113.89	312.8	165.0	-51.11
KDKK LIC	248C1	Park Rapids	MN	107.19	50.5	133.0	-25.81
KDKK. C CP	248C1	Park Rapids	MN	107.28	50.3	133.0	-25.72
--- Channel 250 97.9 MHz. ---							
KFNWFM LIC	250C	Fargo	ND	113.89	312.8	226.0	-112.11

Call	Channel	Location	Dist	Azi	FCC	Margin
--- Channel 251 98.1 MHz. ---						
WWJO LIC 251C	St. Cloud	MN	169.49	108.7	226.0	-56.51
KFNWFM LIC 250C	Fargo	ND	113.89	312.8	165.0	-51.11
KQWBFM LIC 254C1	Moorhead	MN	62.70	321.3	75.0	-12.30
--- Channel 252 98.3 MHz. ---						
WBJI.C CP 252C1	Blackduck	MN	168.89	35.1	200.0	-31.11
KQWBFM LIC 254C1	Moorhead	MN	62.70	321.3	75.0	-12.30
AVAC VAC 252C1	Blackduck	MN	195.93	38.8	200.0	-4.07
--- Channel 253 98.5 MHz. ---						
KQWBFM LIC 254C1	Moorhead	MN	62.70	321.3	133.0	-70.30
--- Channel 254 98.7 MHz. ---						
KQWBFM LIC 254C1	Moorhead	MN	62.70	321.3	200.0	-137.30
--- Channel 255 98.9 MHz. ---						
KQWBFM LIC 254C1	Moorhead	MN	62.70	321.3	133.0	-70.30
KZPK LIC 255C2	Paynesville	MN	148.50	123.9	166.0	-17.50
--- Channel 256 99.1 MHz. ---						
KLLZFM LIC 256C1	Walker	MN	133.69	41.7	200.0	-66.31
KQWBFM LIC 254C1	Moorhead	MN	62.70	321.3	75.0	-12.30
--- Channel 257 99.3 MHz. ---						
KXRZ LIC 257A	Alexandria	MN	77.96	128.8	115.0	-37.04
KPRW LIC 258A	Perham	MN	55.38	61.8	72.0	-16.62
KQWBFM LIC 254C1	Moorhead	MN	62.70	321.3	75.0	-12.30
--- Channel 258 99.5 MHz. ---						
KPRW LIC 258A	Perham	MN	55.38	61.8	115.0	-59.62
AVAC VAC 258C2	Sisseton	SD	114.92	224.5	166.0	-51.08
--- Channel 259 99.7 MHz. ---						
KVOXFM LIC 260C1	Moorhead	MN	75.64	317.4	133.0	-57.36
KPRW LIC 258A	Perham	MN	55.38	61.8	72.0	-16.62
KXDL LIC 259A	Browerville	MN	100.79	106.8	115.0	-14.21
--- Channel 260 99.9 MHz. ---						
KVOXFM LIC 260C1	Moorhead	MN	75.64	317.4	200.0	-124.36

Call	Channel	Location		Dist	Azi	FCC	Margin
--- Channel 261 100.1 MHz. ---							
KVOXFM LIC	260C1	Moorhead	MN	75.64	317.4	133.0	-57.36
KOLV LIC	261C2	Olivia	MN	163.88	156.1	166.0	-2.12
--- Channel 262 100.3 MHz. ---							
KSNR LIC	262C1	Thief River Falls	MN	188.27	348.2	200.0	-11.73
981208 APP	209A	Fergus Falls	MN	0.00	0.0	10.0	-10.00
--- Channel 263 100.5 MHz. ---							
KIKVFM LIC	264C1	Alexandria	MN	102.46	133.5	133.0	-30.54
RADD ADD	264C1	Sauk Centre	MN	102.46	133.5	133.0	-30.54
RDEL DEL	264C1	Alexandria	MN	102.46	133.5	133.0	-30.54
RADD ADD	264C1	Sauk Center	MN	102.46	133.5	133.0	-30.54
981208 APP	209A	Fergus Falls	MN	0.00	0.0	10.0	-10.00
--- Channel 264 100.7 MHz. ---							
RADD ADD	264C1	Sauk Center	MN	102.46	133.5	200.0	-97.54
KIKVFM LIC	264C1	Alexandria	MN	102.46	133.5	200.0	-97.54
RADD ADD	264C1	Sauk Centre	MN	102.46	133.5	200.0	-97.54
RDEL DEL	264C1	Alexandria	MN	102.46	133.5	200.0	-97.54
KRKH. C CP	264C3	Harwood	ND	113.58	324.2	142.0	-28.42
KRKH. A APP	264C3	Harwood	ND	113.58	324.2	142.0	-28.42
--- Channel 265 100.9 MHz. ---							
RADD ADD	264C1	Sauk Centre	MN	102.46	133.5	133.0	-30.54
RDEL DEL	264C1	Alexandria	MN	102.46	133.5	133.0	-30.54
RADD ADD	264C1	Sauk Center	MN	102.46	133.5	133.0	-30.54
KIKVFM LIC	264C1	Alexandria	MN	102.46	133.5	133.0	-30.54
--- Channel 266 101.1 MHz. ---							
KBHP. C CP	266C1	Bemidji	MN	148.76	37.9	200.0	-51.24
KBHP LIC	266C1	Bemidji	MN	148.79	37.9	200.0	-51.21
KQDJFM LIC	266C2	Valley City	ND	159.61	303.1	166.0	-6.39
--- Channel 267 101.3 MHz. ---							
KCGNFM LIC	268C	Ortonville	MN	128.29	215.2	165.0	-36.71
--- Channel 268 101.5 MHz. ---							
KCGNFM LIC	268C	Ortonville	MN	128.29	215.2	226.0	-97.71
AVAC VAC	268C3	Mahnomen	MN	121.79	359.8	142.0	-20.21
970910 CP	268C3	Mahnomen	MN	126.24	358.7	142.0	-15.76

Call	Channel	Location		Dist	Azi	FCC	Margin
--- Channel 269 101.7 MHz. ---							
KCGNFM LIC	268C	Ortonville	MN	128.29	215.2	165.0	-36.71
KFGOFM LIC	270C1	Fargo	ND	113.89	312.8	133.0	-19.11
--- Channel 270 101.9 MHz. ---							
KFGOFM LIC	270C1	Fargo	ND	113.89	312.8	200.0	-86.11
KQKK LIC	270C2	Walker	MN	162.26	59.1	166.0	-3.74
--- Channel 271 102.1 MHz. ---							
KRCQ LIC	272C2	Detroit Lakes	MN	59.30	24.3	106.0	-46.70
KFGOFM LIC	270C1	Fargo	ND	113.89	312.8	133.0	-19.11
KNWF.C CP	218A	Fergus Falls	MN	0.00	0.0	10.0	-10.00
--- Channel 272 102.3 MHz. ---							
KRCQ LIC	272C2	Detroit Lakes	MN	59.30	24.3	166.0	-106.70
KNWF.C CP	218A	Fergus Falls	MN	0.00	0.0	10.0	-10.00
--- Channel 273 102.5 MHz. ---							
KQIC LIC	273C1	Willmar	MN	147.83	147.6	200.0	-52.17
KRCQ LIC	272C2	Detroit Lakes	MN	59.30	24.3	106.0	-46.70
--- Channel 274 102.7 MHz. ---							
KZCR LIC	277C1	Fergus Falls	MN	18.25	333.8	75.0	-56.75
KTIG LIC	274C2	Pequot Lakes	MN	134.71	72.1	166.0	-31.29
KNTN LIC	274C1	Thief River Falls	MN	188.22	348.2	200.0	-11.78
KBWSFM LIC	275C1	Sisseton	SD	129.04	232.9	133.0	-3.96
--- Channel 275 102.9 MHz. ---							
KBWSFM LIC	275C1	Sisseton	SD	129.04	232.9	200.0	-70.96
KZCR LIC	277C1	Fergus Falls	MN	18.25	333.8	75.0	-56.75
--- Channel 276 103.1 MHz. ---							
KZCR LIC	277C1	Fergus Falls	MN	18.25	333.8	133.0	-114.75
KBWSFM LIC	275C1	Sisseton	SD	129.04	232.9	133.0	-3.96
--- Channel 277 103.3 MHz. ---							
KZCR LIC	277C1	Fergus Falls	MN	18.25	333.8	200.0	-181.75
--- Channel 278 103.5 MHz. ---							
KZCR LIC	277C1	Fergus Falls	MN	18.25	333.8	133.0	-114.75
KBOT LIC	281C2	Pelican Rapids	MN	19.80	1.6	55.0	-35.20

Call	Channel	Location	Dist	Azi	FCC	Margin
--- Channel 279 103.7 MHz. ---						
KZCR	LIC 277C1	Fergus Falls	MN	18.25	333.8	75.0 -56.75
KBOT	LIC 281C2	Pelican Rapids	MN	19.80	1.6	55.0 -35.20
KKBJFM	LIC 279C1	Bemidji	MN	168.89	35.1	200.0 -31.11
KKBJFM	LIC 279C1	Bemidji	MN	168.90	35.1	200.0 -31.10
--- Channel 280 103.9 MHz. ---						
KBOT	LIC 281C2	Pelican Rapids	MN	19.80	1.6	106.0 -86.20
KZCR	LIC 277C1	Fergus Falls	MN	18.25	333.8	75.0 -56.75
KBHL	LIC 280A	Osakis	MN	93.68	124.5	115.0 -21.32
--- Channel 281 104.1 MHz. ---						
KBOT	LIC 281C2	Pelican Rapids	MN	19.80	1.6	166.0 -146.20
--- Channel 282 104.3 MHz. ---						
KBOT	LIC 281C2	Pelican Rapids	MN	19.80	1.6	106.0 -86.20
KKSD	LIC 282C1	Milbank	SD	145.12	208.9	200.0 -54.88
KZLTFM	LIC 282C1	East Grand Forks	MN	177.32	339.4	200.0 -22.68
KLKS	LIC 282C2	Breezy Point	MN	144.96	76.8	166.0 -21.04
--- Channel 283 104.5 MHz. ---						
KBOT	LIC 281C2	Pelican Rapids	MN	19.80	1.6	55.0 -35.20
KLTA	LIC 286C1	Breckenridge	MN	47.88	301.5	75.0 -27.12
KCLDFM	LIC 284C	St. Cloud	MN	148.50	123.9	165.0 -16.50
AVAC	VAC 284C1	Hope	ND	128.93	309.1	133.0 -4.07
KCHY. A	APP 284C1	Hope	ND	128.93	309.1	133.0 -4.07
--- Channel 284 104.7 MHz. ---						
KCLDFM	LIC 284C	St. Cloud	MN	148.50	123.9	226.0 -77.50
KCHY. A	APP 284C1	Hope	ND	128.93	309.1	200.0 -71.07
AVAC	VAC 284C1	Hope	ND	128.93	309.1	200.0 -71.07
KBOT	LIC 281C2	Pelican Rapids	MN	19.80	1.6	55.0 -35.20
KLTA	LIC 286C1	Breckenridge	MN	47.88	301.5	75.0 -27.12
--- Channel 285 104.9 MHz. ---						
KLTA	LIC 286C1	Breckenridge	MN	47.88	301.5	133.0 -85.12
KCLDFM	LIC 284C	St. Cloud	MN	148.50	123.9	165.0 -16.50
AVAC	VAC 284C1	Hope	ND	128.93	309.1	133.0 -4.07
KCHY. A	APP 284C1	Hope	ND	128.93	309.1	133.0 -4.07
--- Channel 286 105.1 MHz. ---						
KLTA	LIC 286C1	Breckenridge	MN	47.88	301.5	200.0 -152.12

Call	Channel	Location	Dist	Azi	FCC	Margin
--- Channel 287 105.3 MHz. ---						
KLTA	LIC 286C1	Breckenridge	MN	47.88	301.5	133.0 -85.12
--- Channel 288 105.5 MHz. ---						
KLTA	LIC 286C1	Breckenridge	MN	47.88	301.5	75.0 -27.12
--- Channel 289 105.7 MHz. ---						
KKWS	LIC 290C1	Wadena	MN	96.71	70.8	133.0 -36.29
KLTA	LIC 286C1	Breckenridge	MN	47.88	301.5	75.0 -27.12
--- Channel 290 105.9 MHz. ---						
KKWS	LIC 290C1	Wadena	MN	96.71	70.8	200.0 -103.29
--- Channel 291 106.1 MHz. ---						
KQLXFM	LIC 291C2	Lisbon	ND	120.69	277.2	166.0 -45.31
KKWS	LIC 290C1	Wadena	MN	96.71	70.8	133.0 -36.29
--- Channel 292 106.3 MHz. ---						
AVAC	VAC 292C1	Ortonville	MN	152.09	207.5	200.0 -47.91
KPHR.C	CP 292C1	Ortonville	MN	152.09	207.5	200.0 -47.91
AVAC	VAC 295C2	Wahpeton	ND	47.88	301.5	55.0 -7.12
KPHR	LIC 292A	Ortonville	MN	111.51	194.6	115.0 -3.49
KRJB	LIC 292A	Ada	MN	114.81	343.7	115.0 -0.19
--- Channel 293 106.5 MHz. ---						
AVAC	VAC 295C2	Wahpeton	ND	47.88	301.5	55.0 -7.12
WJYFM	LIC 294C1	Brainerd	MN	132.35	83.5	133.0 -0.65
WJYFM	CP 294C1	Brainerd	MN	132.35	83.5	133.0 -0.65
--- Channel 294 106.7 MHz. ---						
WJYFM	LIC 294C1	Brainerd	MN	132.35	83.5	200.0 -67.65
WJYFM	CP 294C1	Brainerd	MN	132.35	83.5	200.0 -67.65
AVAC	VAC 295C2	Wahpeton	ND	47.88	301.5	106.0 -58.12
KBFO.C	CP 294C1	Aberdeen	SD	198.30	242.1	200.0 -1.70
--- Channel 295 106.9 MHz. ---						
AVAC	VAC 295C2	Wahpeton	ND	47.88	301.5	166.0 -118.12
KGWB	LIC 296A	Wahpeton	ND	34.26	260.1	72.0 -37.74
WJYFM	CP 294C1	Brainerd	MN	132.35	83.5	133.0 -0.65
WJYFM	LIC 294C1	Brainerd	MN	132.35	83.5	133.0 -0.65

Call	Channel	Location	Dist	Azi	FCC	Margin
--- Channel 296 107.1 MHz. ---						
KGWB	LIC 296A	Wahpeton	ND	34.26	260.1	115.0 - 80.74
AVAC	VAC 295C2	Wahpeton	ND	47.88	301.5	106.0 - 58.12
KMGK	LIC 296A	Glenwood	MN	95.54	145.1	115.0 - 19.46
KKEQ	LIC 296C2	Fosston	MN	148.55	16.3	166.0 - 17.45
KJJKFM	LIC 243C1	Fergus Falls	MN	12.17	133.9	22.0 - 9.83
--- Channel 297 107.3 MHz. ---						
KGWB	LIC 296A	Wahpeton	ND	34.26	260.1	72.0 - 37.74
KPFX	LIC 300C1	Fargo	ND	47.88	301.5	75.0 - 27.12
KJJKFM	LIC 243C1	Fergus Falls	MN	12.17	133.9	22.0 - 9.83
AVAC	VAC 295C2	Wahpeton	ND	47.88	301.5	55.0 - 7.12
--- Channel 298 107.5 MHz. ---						
KLIZFM	LIC 298C1	Brainerd	MN	147.82	88.8	200.0 - 52.18
KPFX	LIC 300C1	Fargo	ND	47.88	301.5	75.0 - 27.12
AVAC	VAC 295C2	Wahpeton	ND	47.88	301.5	55.0 - 7.12
KJKJ	LIC 298C1	Grand Forks	ND	196.01	339.2	200.0 - 3.99
--- Channel 299 107.7 MHz. ---						
KPFX	LIC 300C1	Fargo	ND	47.88	301.5	133.0 - 85.12
--- Channel 300 107.9 MHz. ---						
KPFX	LIC 300C1	Fargo	ND	47.88	301.5	200.0 - 152.12