

Night Radiation Limit Report for KDCO

Frequency: 1550 kHz

Latitude: 39-53-31 N

Longitude: 105-14-20 W

	Ct	St	City	Azimuth (Deg)	Min Theta (Deg)	Max Theta (Deg)	Limit (mV/m @ 1km)
	--	--	----	-----	-----	-----	-----
40:							
KKAA	US	SD	ABERDEEN	39.7	8.0	14.3	1106.3
48:							
CBE/A (345)	CA	ON	WINDSOR	48.2	1.7	1.7	189.1
49:							
CBE/A (335)	CA	ON	WINDSOR	49.2	2.5	2.5	147.1
50:							
CBE/A (5)	CA	ON	WINDSOR	50.2	0.2	0.2	293.8
51:							
CBE/A (10)	CA	ON	WINDSOR	51.2	0.0	0.0	320.5
WIVS	US	WI	VILLAGE OF SUPE	50.7	3.4	7.5	4419.5
52:							
CBE/A (15)	CA	ON	WINDSOR	52.3	0.0	0.0	348.8
54:							
CBE/A (20)	CA	ON	WINDSOR	53.5	0.0	0.0	371.1
55:							
CBE/A (25)	CA	ON	WINDSOR	54.8	0.0	0.0	390.9
56:							
CBE/A (30)	CA	ON	WINDSOR	56.1	0.0	0.0	417.2
58:							
CBE/A (35)	CA	ON	WINDSOR	57.5	0.0	0.0	442.8
59:							
CBE/A (40)	CA	ON	WINDSOR	59.0	0.0	0.0	465.3
61:							
CBE/A (45)	CA	ON	WINDSOR	60.5	0.0	0.0	486.8
62:							
CBE/A (50)	CA	ON	WINDSOR	62.0	0.0	0.0	504.7
63:							
KXEL (335)	US	IA	WATERLOO	63.4	5.2	10.1	768.3
64:							
CBE/A (55)	CA	ON	WINDSOR	63.6	0.0	0.0	520.6
KXEL (315)	US	IA	WATERLOO	64.3	5.8	10.9	688.2
65:							
CBE/A (60)	CA	ON	WINDSOR	65.2	0.0	0.0	534.7
KXEL (305)	US	IA	WATERLOO	65.4	6.0	11.3	654.8
66:							
KXEL (300)	US	IA	WATERLOO	66.0	6.1	11.5	641.0
67:							
CBE/A (65)	CA	ON	WINDSOR	66.8	0.0	0.0	546.4
KXEL (295)	US	IA	WATERLOO	66.8	6.2	11.6	630.1
68:							
KXEL (285)	US	IA	WATERLOO	68.4	6.4	11.8	611.2
69:							
KXEL (280)	US	IA	WATERLOO	69.3	6.4	11.9	603.4
70:							
KXEL (275)	US	IA	WATERLOO	70.1	6.5	12.0	597.6
71:							
CBE/A (70)	CA	ON	WINDSOR	70.5	0.0	0.0	524.7
KXEL (270)	US	IA	WATERLOO	71.0	6.5	12.0	595.2
WGLB	US	WI	ELM GROVE	70.8	2.3	5.9	5494.6

72:						
	KXEL (265)	US IA WATERLOO	71.9	6.5	12.0	596.9
73:						
	CBE/A (75)	CA ON WINDSOR	72.6	0.0	0.0	424.0
	KXEL (260)	US IA WATERLOO	72.8	6.4	11.9	602.9
	WDCD	US NY ALBANY	72.8	0.0	0.0	34028.2
74:						
	CBE/A (85)	CA ON WINDSOR	74.4	0.5	0.5	277.2
	KXEL (255)	US IA WATERLOO	73.5	6.3	11.7	613.4
75:						
	CBE/A (95)	CA ON WINDSOR	75.2	0.9	0.9	241.9
	KXEL (245)	US IA WATERLOO	74.6	6.0	11.3	641.1
	WQEW (355)	US NY NEW YORK	75.5	0.0	0.0	5073.6
	WSDK	US CT BLOOMFIELD	74.7	0.0	0.0	5697.9
76:						
	CBE/A (105)	CA ON WINDSOR	75.6	1.1	1.1	358.5
	KXEL (205)	US IA WATERLOO	76.3	5.3	10.2	726.8
	WQEW (325)	US NY NEW YORK	76.4	0.0	0.0	4828.0
77:						
	CBE/A (160)	CA ON WINDSOR	76.7	1.4	1.4	384.1
	KXEL (200)	US IA WATERLOO	77.0	5.2	10.2	728.4
	WQEW (300)	US NY NEW YORK	77.3	0.0	0.0	4751.5
	WITK	US PA PITTSTON	76.7	0.0	0.0	5267.7
78:						
	KXEL (190)	US IA WATERLOO	77.6	5.1	10.0	743.3
	WQEW (255)	US NY NEW YORK	78.5	0.0	0.0	4601.5
79:						
	WQEW (245)	US NY NEW YORK	78.9	0.0	0.0	4576.0
80:						
	WQEW (220)	US NY NEW YORK	79.7	0.0	0.0	4591.7
81:						
	WQEW (185)	US NY NEW YORK	80.7	0.0	0.0	25838.7
83:						
	WLTJ	US IN NEW CASTLE	83.4	1.1	4.2	716.6
87:						
	KESJ	US MO ST. JOSEPH	87.1	7.2	13.0	125.1
96:						
	WBSC	US SC BENNETTSVILLE	96.3	0.0	0.6	1375.1
97:						
	WPAD	US KY PADUCAH	97.0	2.2	5.8	4997.6
	WPAD	US KY PADUCAH	97.0	2.2	5.8	4997.6
104:						
	NEW	US GA RINCON	104.1	0.0	0.7	14079.8
110:						
	WNZF	US FL BUNNELL	110.6	0.0	0.0	1333.8
111:						
	WRSJ	US PR BAYAMON	111.0	0.0	0.0	42148.5
112:						
	WKFE	US PR YAUCO	112.2	0.0	0.0	4570.8
113:						
	NEW	US FL TANGELO PARK	113.1	0.0	0.0	17034.7
	NEW	US FL SOUTHCHASE	113.0	0.0	0.0	17530.4
114:						
	UNK-B (45)	CJ GUN BLUFF	114.3	0.0	0.0	8824.4
	UNK-A	BR JUAZEIRO	113.9	0.0	0.0	64273.5
115:						
	UNK-B (65)	CJ GUN BLUFF	115.5	0.0	0.0	9595.0
116:						
	UNK-B (10)	CJ GUN BLUFF	115.9	0.0	0.0	5979.5

HITS-C	DR	TAMAYO	116.2	0.0	0.0	65777.7
117:						
WRHC	US FL	DORAL	116.7	0.0	0.0	1590.8
WRHC	US FL	CORAL GABLES	116.7	0.0	0.0	1634.0
UNK-B (0)	CJ	GUN BLUFF	117.5	0.0	0.0	3837.7
118:						
UNK-B (355)	CJ	GUN BLUFF	118.5	0.0	0.0	3544.4
119:						
UNK-B (350)	CJ	GUN BLUFF	119.5	0.0	0.0	3508.7
CMHO-D	CU	NUEVITAS	119.3	0.0	0.0	8320.2
120:						
UNK-B (100)	CJ	GUN BLUFF	120.3	0.0	0.0	11629.5
121:						
UNK-B (345)	CJ	GUN BLUFF	120.7	0.0	0.0	3256.6
UNK-A	BR	ITARANA	121.6	0.0	0.0	93790.2
122:						
UNK-B (340)	CJ	GUN BLUFF	122.0	0.0	0.0	3583.1
UNK-A	BR	GUANHAES	122.3	0.0	0.0	84975.1
123:						
KEBC	US OK	DEL CITY	123.5	7.8	13.9	1955.9
UNK-B (335)	CJ	GUN BLUFF	123.3	0.0	0.0	3938.0
UNK-A	BR	SAO FIDELIS	123.4	0.0	0.0	87661.3
124:						
UNK-B (120)	CJ	GUN BLUFF	123.9	0.0	0.0	14307.0
125:						
UNK-B (330)	CJ	GUN BLUFF	124.7	0.0	0.0	4352.8
ZYJ-479-A	BR	PETROPOLIS	125.0	0.0	0.0	72967.7
126:						
UNK-B (325)	CJ	GUN BLUFF	126.2	0.0	0.0	4827.2
ZYL222-A	BR	CARMO R CLAR	126.0	0.0	0.0	61561.7
ZYL-289-A	BR	S RITA SAPUC	126.6	0.0	0.0	65220.9
127:						
CMOR-D	CU	NUEVA GERONA	126.7	0.0	0.0	6740.6
UNK-B (135)	CJ	GUN BLUFF	126.8	0.0	0.0	15758.7
ZYK-528-A	BR	TAMBAU	127.3	0.0	0.0	62034.9
ZYK-659-A	BR	S J DA BARRA	127.0	0.0	0.0	62219.2
128:						
UNK-B (320)	CJ	GUN BLUFF	127.7	0.0	0.0	5362.3
ZYK590-A	BR	GUARUJA	128.1	0.0	0.0	56883.8
HJCB-A	CO	BARRANQUILLA	128.6	0.0	0.0	62878.5
ZYK-572-A	BR	CAPIVARI	128.3	0.0	0.0	66407.1
129:						
UNK-B (315)	CJ	GUN BLUFF	129.1	0.0	0.0	5951.4
ZYK-623-A	BR	PEDERNEIRAS	128.8	0.0	0.0	60711.6
ZYK-715-A	BR	AURIFLAMA	129.0	0.0	0.0	64564.8
130:						
UNK-B (310)	CJ	GUN BLUFF	130.6	0.0	0.0	6595.5
ZYK-501-A	BR	ITARARE	130.3	0.0	0.0	61984.6
ZYJ206-A	BR	JACAREZINHO	130.2	0.0	0.0	64548.7
131:						
UNK-B (160)	CJ	GUN BLUFF	131.6	0.0	0.0	16019.4
HJGY-A	CO	LORICA 1	131.5	0.0	0.0	59889.6
UNK-A	BR	TIBAGI	131.4	0.0	0.0	65968.8
ZYJ-213-A	BR	PALMEIRA	131.6	0.0	0.0	66299.2
132:						
UNK-B (305)	CJ	GUN BLUFF	132.0	0.0	0.0	7355.0
UNK-A	BR	MANDAGUACU	131.8	0.0	0.0	64272.8
133:						
UNK-B (300)	CJ	GUN BLUFF	133.4	0.0	0.0	8092.4

UNK-A	BR	PALMITAL 1	132.9	0.0	0.0	59301.1
ZYJ-303-A	BR	FORMOSA DOES	133.3	0.0	0.0	60681.6
ZYJ814-A	BR	TURVO	133.6	0.0	0.0	86150.0
ZYJ-734-A	BR	ARARANGUA	133.5	0.0	0.0	86547.5
HJZI-A	CO	BOGOTA 12	133.2	0.0	0.0	87885.7
134:						
KZMP	US TX	UNIVERSITY PARK	134.4	5.2	10.1	2058.1
UNK-B (290)	CJ	GUN BLUFF	134.2	0.0	0.0	9007.4
ZYJ-315-A	BR	MARMELEIRO	134.3	0.0	0.0	61261.7
135:						
UNK-B (295)	CJ	GUN BLUFF	134.6	0.0	0.0	8882.8
HJQD-A	CO	CALARCA	135.2	0.0	0.0	49653.7
UNK-A	BR	SAO VALENTIM	134.7	0.0	0.0	80214.2
UNK-A	BR	SOLEDADE	135.5	0.0	0.0	91154.8
136:						
UNK-B (205)	CJ	GUN BLUFF	135.9	0.0	0.0	9256.9
UNK-A	BR	TRES PASSOS	135.7	0.0	0.0	70635.3
137:						
UNK-B (275)	CJ	GUN BLUFF	136.7	0.0	0.0	10527.3
HJLT-A	CO	CALI 9	137.0	0.0	0.0	68250.7
138:						
KGBC	US TX	GALVESTON	137.8	2.0	5.6	3988.0
UNK-B (200)	CJ	GUN BLUFF	138.2	0.0	0.0	10100.4
LT19-A	AR	SANTO TOME	137.9	0.0	0.0	87371.3
139:						
KGOW	US TX	BELLAIRE	139.4	2.7	6.5	8847.0
UNK-B (240)	CJ	GUN BLUFF	138.9	0.0	0.0	12859.8
140:						
UNK-B (260)	CJ	GUN BLUFF	140.0	0.0	0.0	12563.4
CP 50-A	BL	SIGLO 20	140.5	0.0	0.0	91914.8
141:						
UNK-B (255)	CJ	GUN BLUFF	140.8	0.0	0.0	12978.2
HCRA7-A	EC	AMAZONAS	141.2	0.0	0.0	88932.0
142:						
LT40-A	AR	LA PAZ	141.7	0.0	0.0	85103.9
HCDP1-A	EC	QUITO	141.9	0.0	0.0	87846.6
143:						
HRNN 37-A	HO	S PEDRO SULA	143.5	0.0	0.0	13834.5
LRK359-A	AR	TRANCAS	143.5	0.0	0.0	46059.2
HCEI6-A	EC	MONTALVO	142.8	0.0	0.0	87289.0
144:						
YNBP-B	NU	SONIDO POPUL	143.8	0.0	0.0	12394.5
LT23-A	AR	S GENARO NOR	143.8	0.0	0.0	69171.4
HCAD2-A	EC	EL TRIUNFO	144.3	0.0	0.0	80068.4
LT32-A	AR	CHIVILCOY	144.3	0.0	0.0	84134.5
145:						
KTXZ	US TX	WEST LAKE HILLS	144.7	3.7	7.9	7365.8
HCAD5-A	EC	S ISABEL	144.9	0.0	0.0	99642.2
146:						
LRI389-A	AR	GRAL VILLEGA	146.4	0.0	0.0	95767.2
147:						
TGCK-B	GT	SULTANA	146.7	0.0	0.0	16014.8
149:						
LRJ381-A	AR	RIVADAVIA	149.5	0.0	0.0	66468.0
150:						
KEDA	US TX	SAN ANTONIO	149.7	3.2	7.2	4493.6
151:						
KZRK	US TX	CANYON	151.0	11.7	19.7	99.6
CB 155-A	CI	PUTAENDO 1	151.0	0.0	0.0	66070.4

152:							
	XERUV/A (110)	MX VC ACAJETE	151.9	0.0	0.0	504.1	
	CC 155-A	CI S FERNANDO	152.0	0.0	0.0	89384.4	
153:							
	XERUV/A (120)	MX VC ACAJETE	152.9	0.0	0.0	524.6	
154:							
	XERUV/A (130)	MX VC ACAJETE	154.1	0.0	0.0	541.9	
155:							
	XERUV/A (135)	MX VC ACAJETE	154.7	0.0	0.0	549.0	
	CD 155-A	CI TRAIGUEN	154.8	0.0	0.0	93252.8	
156:							
	XERUV/A (60)	MX VC ACAJETE	156.6	0.0	0.0	381.8	
	XERUV/A (105)	MX VC JALAPA	156.4	0.0	0.0	413.7	
157:							
	XERUV/A (350)	MX VC ACAJETE	157.5	0.2	0.2	326.6	
	XERUV/A (5)	MX VC JALAPA	157.6	0.0	0.0	368.4	
	XENU/A	MX TA NUEVO LAREDO	157.5	4.1	4.1	1888.7	
158:							
	XERUV/A (345)	MX VC ACAJETE	157.9	0.8	0.8	248.0	
	XERUV/A (340)	MX VC JALAPA	158.3	0.0	0.0	366.7	
159:							
	XERUV/A (340)	MX VC ACAJETE	158.8	0.8	0.8	248.1	
	XERUV/A (325)	MX VC JALAPA	158.7	0.0	0.0	367.7	
160:							
	XERUV/A (335)	MX VC ACAJETE	159.8	0.8	0.8	249.2	
	NEW	US TX MIDLAND	160.4	6.9	12.6	261.7	
	XERUV/A (280)	MX VC JALAPA	159.6	0.0	0.0	379.5	
	XETAM/A	MX TA CD.VICTORIA	160.5	1.5	1.5	6212.7	
161:							
	XERUV/A (330)	MX VC ACAJETE	160.7	0.8	0.8	251.5	
	XE/A	MX OA PUERTO ESCONDID	161.3	0.0	0.0	19150.7	
162:							
	XERUV/A (320)	MX VC ACAJETE	162.4	0.7	0.7	259.4	
	XE/A	MX HG PACHUCA	162.3	0.0	0.0	11256.8	
163:							
	XERUV/A (315)	MX VC ACAJETE	163.1	0.6	0.6	265.0	
164:							
	XERUV/A (310)	MX VC ACAJETE	163.9	0.5	0.5	271.8	
165:							
	XERUV/A (300)	MX VC ACAJETE	165.2	0.3	0.3	287.7	
166:							
	XERUV/A (295)	MX VC ACAJETE	165.7	0.2	0.2	297.1	
	XEDV/A	MX MX EL ORO	166.2	0.0	0.0	11850.0	
167:							
	XERUV/A (285)	MX VC ACAJETE	166.6	0.0	0.0	318.9	
169:							
	XEREL/A	MX MC MORELIA	169.2	0.0	0.0	11156.6	
	XEREL1/A	MX MC MORELIA	169.2	0.0	0.0	11249.0	
	XEREL/A	MX MC MORELIA	169.0	0.0	0.0	11274.2	
171:							
	XE0031/A	MX AG AGUASCALIENTES	171.3	0.9	0.9	7244.3	
174:							
	XE0032/A	MX JA GUADALAJARA	174.5	0.3	0.3	8138.3	
236:							
	XEBG/O	MX BN TIJUANA	235.8	5.2	5.2	198.6	
	XEBG/A	MX BN TIJUANA	235.8	5.1	5.1	198.7	
244:							
	KWRN	US CA APPLE VALLEY	244.3	4.1	8.4	589.9	
245:							

247:	KMPC	US CA LOS ANGELES	244.7	3.3	7.3	3821.8
	NEW	US NV WHITNEY	246.8	6.4	11.9	617.9
	NEW	US NV ENTERPRISE	246.7	6.2	11.6	3279.1
248:						
	KNZR (130)	US CA BAKERSFIELD	248.2	3.5	7.6	857.6
249:						
	KNZR (110)	US CA BAKERSFIELD	249.3	3.6	7.8	841.1
	NEW	US NV SPRING VALLEY	248.7	6.4	11.8	3076.8
250:						
	KNZR (90)	US CA BAKERSFIELD	250.4	3.6	7.8	837.2
251:						
	KNZR (85)	US CA BAKERSFIELD	250.7	3.6	7.8	839.7
252:						
	KNZR (55)	US CA BAKERSFIELD	252.0	3.7	7.9	834.0
253:						
	KNZR (35)	US CA BAKERSFIELD	253.1	3.7	8.0	830.8
254:						
	KNZR (30)	US CA BAKERSFIELD	253.5	3.7	8.0	830.7
255:						
	KNZR (15)	US CA BAKERSFIELD	254.7	3.7	7.9	837.4
256:						
	KNZR (5)	US CA BAKERSFIELD	255.5	3.6	7.8	848.1
257:						
	KNZR (350)	US CA BAKERSFIELD	256.5	3.5	7.6	873.9
260:						
	KXEX	US CA FRESNO	259.5	3.2	7.2	543.7
264:						
	KREA	US HI HONOLULU	263.6	0.0	0.0	10479.0
265:						
	KZDG	US CA SAN FRANCISCO	265.4	2.1	5.7	427.4
281:						
	KMRI	US UT WEST VALLEY CIT	281.3	12.5	20.9	136.3
300:						
	KKOV	US WA VANCOUVER	300.1	1.8	5.3	1368.1
306:						
	KVAN	US WA BURBANK	306.5	3.3	7.3	7190.7
	KZIZ	US WA PACIFIC	306.5	1.6	5.0	11875.2
308:						
	KXPA	US WA BELLEVUE	307.9	1.5	4.9	6323.7
312:						
	KRPI	US WA FERNDAL	311.7	1.0	4.2	3639.5
	KRPI	US WA POINT ROBERTS	311.6	0.8	3.9	3776.8