

Station Information:

Call: NEW
 Freq: 1550 kHz
 GOLDEN, CO, US
 Hours: N
 Lat: 39-43-46 N
 Lng: 105-14-09 W
 Power: 0.25 kW
 Theo RMS: 141.06 mV/m @ 1km @ 0.25 kW

Standard: FCC Rules (1992 Skywave Propagation Model) [10%]

Contributors:

Call	Freq (kHz)	City	St	Ct	Dist (km)	Azi (deg)	Theta		Max V-Rad (mV/m)	SW Mult (uV/m)	Limit (mV/m)	Limit (%)	RSS Limit (mV/m)
							Min (deg)	Max (deg)					
KESJ	1550	ST. JOSEPH	MO	US	896.8	273.5	7.1	12.9	1043.15	48.09	10.032	100.0	10.032
KMRI	1550	WEST VALLEY CITY	UT	US	588.0	98.6	12.4	20.8	187.94	93.11	3.500	34.9	10.625
KZRK	1550	CANYON	TX	US	602.1	332.2	12.1	20.3	142.17	93.00	2.644	24.9	10.949
XERUV/A	1550	JALAPA	VC	MX	2380.9	342.2	0.0	0.4	1131.21	11.36	2.570	23.5	11.247
KWRN	1550	APPLE VALLEY	CA	US	1202.5	57.8	4.1	8.5	351.82	32.82	2.309	20.5	11.481
KXEX	1550	FRESNO	CA	US	1322.1	71.1	3.2	7.3	399.43	27.26	2.178	19.0	11.686
XEBG/A	1550	TIJUANA	BN	MX	1326.0	49.5	3.2	7.2	324.02	28.44	1.843	15.8	11.830
KXEL	1540	WATERLOO	IA	US	1117.7	260.2	4.8	9.5	2861.63	31.39	1.796	15.2	11.966
KRPI	1550	FERNDAL	WA	US	1707.1	119.9	1.0	4.1	593.94	12.92	1.535	12.8	12.064
KFRC	1550	SAN FRANCISCO	CA	US	1497.6	75.3	2.1	5.7	339.84	21.69	1.475	12.2	12.154
KKAD	1550	VANCOUVER	WA	US	1553.5	108.9	1.8	5.2	383.99	17.15	1.317	10.8	12.225
CBE/A	1550	WINDSOR	ON	CA	1887.9	269.1	0.1	3.0	531.53	10.83	1.152	9.4	12.279
NEW	1560	MILLS	WY	US	355.0	164.9	21.3	33.1	301.55	173.68	1.047	8.5	12.324
XENU/A	1550	NUEVO LAREDO	TA	MX	1457.8	340.4	2.4	6.0	182.34	24.84	0.906	7.4	12.357
XE0032/A	1550	GUADALAJARA	JA	MX	2122.4	355.5	0.0	1.6	304.33	13.95	0.849	6.9	12.386
XE/A	1550	PACHUCA	HG	MX	2265.8	345.5	0.0	0.9	305.78	12.37	0.756	6.1	12.409
XEDV/A	1550	EL ORO	MX	MX	2265.9	348.7	0.0	0.9	295.40	12.50	0.738	5.9	12.431
XETAM/A	1550	CD.VICTORIA	TA	MX	1868.3	343.6	0.2	3.1	212.13	16.70	0.709	5.7	12.451
XE0031/A	1550	AGUASCALIENTES	AG	MX	2000.1	352.7	0.0	2.3	215.19	15.11	0.650	5.2	12.468

XE/A	1550	PUERTO ESCONDIDO	OA	MX	2769.6	345.0	0.0	0.0	300.00	9.26	0.555	4.5	12.481
XEREL/A	1550	MORELIA	MC	MX	2261.5	351.0	0.0	0.9	198.07	12.62	0.500	4.0	12.491
HJZI-A	1550	BOGOTA 12		CO	4985.9	325.7	0.0	0.0	692.00	3.37	0.466	3.7	12.499
CP 115-A	1550	CARANAVI		BL	7304.9	328.9	0.0	0.0	692.00	2.15	0.298	2.4	12.503
WNZF	1550	BUNNELL	FL	US	2461.5	304.0	0.0	0.0	158.93	8.70	0.277	2.2	12.506
KNZR	1560	BAKERSFIELD	CA	US	1311.5	63.9	3.3	7.4	485.08	28.14	0.273	2.2	12.509
HJGY-A	1550	LORICA 1		CO	4467.5	324.2	0.0	0.0	303.50	3.85	0.233	1.9	12.511
HJCB-A	1550	BARRANQUILLA		CO	4392.8	322.2	0.0	0.0	303.50	3.81	0.231	1.8	12.513
XEDCH/	1540	CD.DELICIAS	CH	MX	1285.5	0.8	3.5	7.6	370.94	30.75	0.228	1.8	12.515
HITS-C	1550	TAMAYO		DR	4031.1	313.3	0.0	0.0	303.50	3.73	0.226	1.8	12.517
HJLT-A	1550	CALI 9		CO	4955.8	328.2	0.0	0.0	303.50	3.53	0.214	1.7	12.519
HJQD-A	1550	CALARCA		CO	4913.9	327.0	0.0	0.0	303.50	3.51	0.213	1.7	12.521
HCEI6-A	1550	MONTALVO		EC	5295.4	332.2	0.0	0.0	309.50	3.40	0.211	1.7	12.523
HCRA7-A	1550	AMAZONAS		EC	5250.5	331.1	0.0	0.0	309.50	3.39	0.210	1.7	12.525
HCAD5-A	1550	S ISABEL		EC	5470.4	333.6	0.0	0.0	303.50	3.31	0.201	1.6	12.526
KOCY	1560	DEL CITY	OK	US	832.0	307.3	7.9	14.1	163.87	57.32	0.188	1.5	12.528
WLTJ	1550	NEW CASTLE	IN	US	1689.6	275.6	1.1	4.2	60.53	14.74	0.179	1.4	12.529
WAZX	1550	SMYRNA	GA	US	1949.3	295.4	0.0	2.6	67.93	12.78	0.174	1.4	12.530
KKAA	1560	ABERDEEN	SD	US	839.8	223.5	7.8	14.0	174.01	49.26	0.171	1.4	12.531
WRHC	1550	CORAL GABLES	FL	US	2786.4	310.1	0.0	0.0	110.26	7.26	0.160	1.3	12.532
HCAD2-A	1550	EL TRIUNFO		EC	5351.1	333.3	0.0	0.0	218.80	3.40	0.149	1.2	12.533
WBSC	1550	BENNETTSVILLE	SC	US	2321.1	291.5	0.0	0.6	79.18	8.61	0.136	1.1	12.534
HCDP1-A	1550	QUITO		EC	5202.8	331.6	0.0	0.0	185.70	3.46	0.128	1.0	12.535
CP 50-A	1550	SIGLO 20		BL	7600.2	328.9	0.0	0.0	303.50	2.05	0.125	1.0	12.535
KZMP	1540	UNIVERSITY PARK	TX	US	1064.5	318.6	5.3	10.2	150.19	39.71	0.119	1.0	12.536
WPAD	1560	PADUCAH	KY	US	1477.5	286.7	2.2	5.9	283.83	20.65	0.117	0.9	12.536
WQEW	1560	NEW YORK	NY	US	2646.7	278.0	0.0	0.0	1076.64	5.04	0.109	0.9	12.537
CC 155-A	1550	S FERNANDO		CI	8978.2	334.0	0.0	0.0	303.50	1.73	0.105	0.8	12.537
WKFE	1550	YAUCO	PR	US	4396.4	311.4	0.0	0.0	152.89	3.05	0.093	0.7	12.538
ZYK590-A	1550	GUARUJA		BR	9355.1	318.5	0.0	0.0	289.35	1.37	0.079	0.6	12.538
XE/A	1540	COAHUAYANA	MC	MX	2337.0	356.7	0.0	0.6	305.78	12.20	0.075	0.6	12.538
TIFQ-A	1560	GUANACASTE		CS	3827.7	332.6	0.0	0.0	692.00	5.36	0.074	0.6	12.538
KGOW	1560	BELLAIRE	TX	US	1389.3	324.4	2.8	6.6	136.05	26.16	0.071	0.6	12.538
KGBC	1540	GALVESTON	TX	US	1498.9	323.3	2.1	5.7	137.13	23.05	0.063	0.5	12.539
ZNS-1-A	1540	NASSAU		BF	3068.3	309.1	0.0	0.0	523.83	5.97	0.063	0.5	12.539
XE/A	1540	COYUCA DE BENITEZ	GR	MX	2569.9	350.0	0.0	0.0	277.00	10.49	0.058	0.5	12.539
XENC/A	1540	SANTA MARIA DEL R	GT	MX	2185.1	349.8	0.0	1.3	217.35	13.21	0.057	0.5	12.539
CB 155-A	1550	PUTAENDO 1		CI	8796.8	333.7	0.0	0.0	154.60	1.77	0.055	0.4	12.539
KMPC	1540	LOS ANGELES	CA	US	1309.6	57.6	3.3	7.4	94.12	28.59	0.054	0.4	12.539

KTXZ	1560	WEST LAKE HILLS	TX	US	1248.4	328.6	3.8	8.0	85.65	31.31	0.054	0.4	12.539
OBX4P-A	1550	INDEPENDENCI		PE	6445.0	334.7	0.0	0.0	97.70	2.70	0.053	0.4	12.539
XEVF/A	1540	VILLA FLORES	CS	MX	2857.6	338.4	0.0	0.0	307.38	8.55	0.053	0.4	12.540
CD 155-A	1550	TRAIGUEN		CI	9281.3	335.4	0.0	0.0	154.70	1.65	0.051	0.4	12.540
LT23-A	1550	S GENARO NOR		AR	9203.9	327.5	0.0	0.0	154.70	1.59	0.049	0.4	12.540
LT40-A	1550	LA PAZ		AR	9138.1	326.3	0.0	0.0	154.70	1.59	0.049	0.4	12.540
HJGP-A	1560	TULUA 1		CO	4921.1	327.7	0.0	0.0	692.00	3.54	0.049	0.4	12.540
LT19-A	1550	SANTO TOME		AR	9137.6	324.0	0.0	0.0	154.70	1.55	0.048	0.4	12.540
ZYJ-315-1550		MARMELEIRO		BR	9101.4	322.1	0.0	0.0	157.70	1.51	0.048	0.4	12.540
ZYJ-303-1550		FORMOSA DOES		BR	8923.6	322.1	0.0	0.0	154.70	1.54	0.048	0.4	12.540
LT32-A	1550	CHIVILCOY		AR	9504.9	326.8	0.0	0.0	154.70	1.52	0.047	0.4	12.540
CV155-A	1550	MERCEDES		UY	9453.1	325.5	0.0	0.0	154.70	1.51	0.047	0.4	12.540
ZYK-715-1550		AURIFLAMA		BR	8786.3	320.3	0.0	0.0	154.70	1.51	0.047	0.4	12.541
ZYJ814-A	1550	TURVO		BR	9550.9	320.5	0.0	0.0	164.00	1.40	0.046	0.4	12.541
CW155-A	1550	SARANDI DEL		UY	9590.6	324.1	0.0	0.0	154.70	1.47	0.045	0.4	12.541
ZYJ-213-1550		PALMEIRA		BR	9227.3	320.5	0.0	0.0	154.70	1.45	0.045	0.4	12.541
ZYK-623-1550		PEDERNEIRAS		BR	9049.1	319.6	0.0	0.0	154.70	1.45	0.045	0.4	12.541
ZYK-501-1550		ITARARE		BR	9160.6	320.0	0.0	0.0	154.70	1.45	0.045	0.4	12.541
ZYL-211-1550		MONTE CARMEL		BR	8831.6	318.6	0.0	0.0	154.70	1.44	0.044	0.4	12.541
ZYK-659-1550		S J DA BARRA		BR	8958.7	319.0	0.0	0.0	154.70	1.44	0.044	0.4	12.541
ZYK-528-1550		TAMBAU		BR	9093.2	318.8	0.0	0.0	154.70	1.41	0.044	0.3	12.541
ZYK-572-1550		CAPIVARI		BR	9187.5	319.0	0.0	0.0	154.70	1.41	0.044	0.3	12.541
ZYJ-734-1550		ARARANGUA		BR	9561.7	320.4	0.0	0.0	154.70	1.40	0.043	0.3	12.541
ZYL222-A	1550	CARMO R CLAR		BR	9112.2	318.2	0.0	0.0	154.70	1.39	0.043	0.3	12.541
ZYJ206-A	1550	JACAREZINHO		BR	9035.7	320.3	0.0	0.0	144.90	1.47	0.043	0.3	12.541
ZYL-289-1550		S RITA SAPUC		BR	9247.2	318.1	0.0	0.0	154.70	1.37	0.042	0.3	12.542
WGLB	1560	ELM GROVE	WI	US	1477.8	261.6	2.2	5.8	117.05	17.92	0.042	0.3	12.542
UNK-A	1550	SOLEDADE		BR	9367.4	322.1	0.0	0.0	142.65	1.47	0.042	0.3	12.542
UNK-A	1550	TIBAGI		BR	9125.2	320.6	0.0	0.0	142.25	1.47	0.042	0.3	12.542
ZYJ-479-1550		PETROPOLIS		BR	9444.9	317.0	0.0	0.0	154.70	1.31	0.040	0.3	12.542
HRYK-A	1540	TEGUCIGALPA		HO	3349.0	331.7	0.0	0.0	309.50	6.45	0.040	0.3	12.542
ZYH-461-1550		VIT CONQUIST		BR	8999.6	315.4	0.0	0.0	157.50	1.26	0.040	0.3	12.542
XEMAS/A	1560	SALAMANCA	GT	MX	2164.5	350.7	0.0	1.4	146.42	13.42	0.039	0.3	12.542
KVAN	1560	BURBANK	WA	US	1328.3	117.7	3.2	7.2	85.44	22.67	0.039	0.3	12.542
XENVA2/A	1560	VALLE HERMOSO	TA	MX	1701.1	337.8	1.0	4.2	96.55	19.29	0.037	0.3	12.542
HCHG3-A	1540	MACHALA 1		EC	5432.0	334.2	0.0	0.0	536.00	3.36	0.036	0.3	12.542
KREA	1540	HONOLULU	HI	US	5353.8	55.1	0.0	0.0	712.52	2.42	0.034	0.3	12.542
XECAC/A	1540	CHETUMAL	QR	MX	2866.3	329.0	0.0	0.0	216.04	7.94	0.034	0.3	12.542
WITK	1550	PITTSTON	PA	US	2482.9	275.7	0.0	0.0	27.94	5.80	0.032	0.3	12.542

TGRF-A	1540	FAROAVIATECA		GT	3138.7	335.6	0.0	0.0	218.80	7.32	0.032	0.3	12.542	
OAX6Q-A	1540	SUR PERUANA		PE	7142.2	331.8	0.0	0.0	692.00	2.29	0.032	0.3	12.542	
TIACA-A	1540	S JOSE 9		CS	3916.9	331.3	0.0	0.0	309.50	5.11	0.032	0.3	12.542	
HCCS2-A	1560	DAULE		EC	5328.8	333.7	0.0	0.0	437.60	3.43	0.030	0.2	12.542	
XENC/A	1540	CELAYA		GT	MX	2178.2	349.8	0.0	1.3	103.84	13.27	0.028	0.2	12.542
XELAC/A	1560	LAZARO CARDENAS		MC	MX	2430.8	353.7	0.0	0.1	117.84	11.47	0.027	0.2	12.543
HCZD1-A	1560	URCUQUI		EC	5238.8	331.5	0.0	0.0	379.00	3.42	0.026	0.2	12.543	
HCEI6-A	1560	AMBATO 1		EC	5299.6	332.2	0.0	0.0	379.00	3.40	0.026	0.2	12.543	
KEDA	1540	SAN ANTONIO		TX	US	1313.1	333.2	3.3	7.3	44.16	29.08	0.026	0.2	12.543
HJBV-A	1540	CARTAGENA 2		CO	4552.2	324.4	0.0	0.0	309.50	3.75	0.023	0.2	12.543	
CA156-A	1560	PARINACOTA D		E	CI	7427.9	330.8	0.0	0.0	536.00	2.16	0.023	0.2	12.543
HJXZ-A	1560	MEDELLIN 5		CO	4752.7	325.9	0.0	0.0	309.50	3.61	0.022	0.2	12.543	
HJPZ-A	1560	CODAZZI 1		CO	4561.3	321.7	0.0	0.0	309.50	3.56	0.022	0.2	12.543	
HJZF-A	1540	MANIZALES 8		CO	4857.0	326.6	0.0	0.0	309.50	3.54	0.022	0.2	12.543	
HJHD-A	1540	B BERMEJA		CO	4792.3	324.1	0.0	0.0	309.50	3.46	0.021	0.2	12.543	
HCDP1-A	1540	CARACOL		EC	5204.5	331.7	0.0	0.0	309.50	3.46	0.021	0.2	12.543	
HCPV1-A	1540	MIRA		EC	5263.2	331.4	0.0	0.0	309.50	3.40	0.021	0.2	12.543	
HCAI5-A	1560	ECO DE LOS A		EC	5334.9	332.5	0.0	0.0	309.50	3.38	0.021	0.2	12.543	
OBX1B-A	1540	VOZLAFRONTER		PE	5438.2	334.7	0.0	0.0	309.50	3.38	0.021	0.2	12.543	
HJCP-A	1560	ARBELAEZ		CO	5011.3	326.2	0.0	0.0	309.50	3.37	0.021	0.2	12.543	
HCTR3-A	1560	LA VOZ DEL G		EC	5433.8	334.1	0.0	0.0	309.50	3.36	0.021	0.2	12.543	
HJHE-A	1560	MALAGA		CO	4897.3	323.5	0.0	0.0	309.50	3.32	0.021	0.2	12.543	
XECHZ/A	1560	CHIAPA DE CORZO		CS	MX	2819.1	337.6	0.0	0.0	117.84	8.68	0.020	0.2	12.543
HCUB7-A	1540	MACAS		EC	5427.7	332.3	0.0	0.0	309.50	3.29	0.020	0.2	12.543	
OAX2X-A	1560	PRIMAVERA		PE	5962.7	335.1	0.0	0.0	309.50	3.00	0.019	0.1	12.543	
OBZ4U-A	1540	BARRANCA		PE	6296.7	334.8	0.0	0.0	309.50	2.79	0.017	0.1	12.543	
KXPA	1540	BELLEVUE		WA	US	1613.9	116.6	1.5	4.8	55.50	15.05	0.017	0.1	12.543
OCX4F-A	1560	MUNDO		PE	6546.6	333.3	0.0	0.0	309.50	2.61	0.016	0.1	12.543	
WRSJ	1560	BAYAMON		PR	US	4428.2	310.8	0.0	0.0	263.44	2.97	0.016	0.1	12.543
HCMH6-A	1540	LATACUNGA 3		EC	5270.2	332.1	0.0	0.0	218.80	3.42	0.015	0.1	12.543	
NEW	1540	ANCHORAGE		AK	US	3847.4	107.7	0.0	0.0	967.02	0.76	0.015	0.1	12.543
WDZK	1550	BLOOMFIELD		CT	US	2729.5	276.0	0.0	0.0	16.27	4.41	0.014	0.1	12.543
HCFM2-A	1540	VENTANAS		EC	5279.1	333.1	0.0	0.0	207.60	3.45	0.014	0.1	12.543	
KZIZ	1560	PACIFIC		WA	US	1599.8	115.2	1.5	4.9	44.85	15.48	0.014	0.1	12.543
HIPZ-A	1560	PEDERNALES		DR	4017.1	314.0	0.0	0.0	154.70	3.79	0.012	0.1	12.543	
UNK-A	1560	SANTIAGO 2		DR	3996.0	311.9	0.0	0.0	154.70	3.71	0.011	0.1	12.543	
HIFP-C	1540	S DOMINGO 4		DR	4126.6	312.5	0.0	0.0	154.70	3.52	0.011	0.1	12.543	
CB156-A	1560	TALAGANTE		CI	8894.3	333.9	0.0	0.0	309.50	1.75	0.011	0.1	12.543	
CB 154-A	1540	SANTIAGO 7		CI	8885.3	333.7	0.0	0.0	309.50	1.75	0.011	0.1	12.543	

HCUI5-A 1560	CANAR	EC	5216.8	332.2	0.0	0.0	154.70	3.47	0.011	0.1	12.543
CC-154-A1540	CHILLAN 3	CI	9133.8	334.9	0.0	0.0	309.50	1.69	0.010	0.1	12.543
HIBU-C 1540	LA ROMANA 1	DR	4199.3	312.1	0.0	0.0	154.70	3.38	0.010	0.1	12.543
CD 156-A1560	VILLARRICA	CI	9402.5	335.1	0.0	0.0	309.50	1.62	0.010	0.1	12.543
CX154-A 1540	TREINTA Y TR	UY	9648.9	323.3	0.0	0.0	340.89	1.44	0.010	0.1	12.543
WDCD 1540	ALBANY	NY US	2629.0	273.4	0.0	0.0	104.72	4.69	0.010	0.1	12.543
OBX4N-A 1540	CORPORACION	PE	6363.3	333.5	0.0	0.0	169.20	2.71	0.009	0.1	12.543
LT11-A 1560	C DEL URUGUA	AR	9373.5	325.6	0.0	0.0	274.45	1.53	0.008	0.1	12.543
CP 156-A1560	CAPIMOTA	BL	7556.1	328.6	0.0	0.0	154.70	2.06	0.006	0.1	12.543
CP 191-A1540	TARATA	BL	7558.9	328.4	0.0	0.0	154.70	2.05	0.006	0.1	12.543
LT33-A 1560	NUEVE DE JUL	AR	9513.5	327.4	0.0	0.0	194.06	1.53	0.006	0.0	12.543
ZYK723-A1540	OSASCO	BR	9280.3	318.7	0.0	0.0	202.32	1.39	0.006	0.0	12.543
ZYI-419-1540	BARRA BUGRES	BR	7862.1	322.7	0.0	0.0	154.70	1.78	0.006	0.0	12.543
UNK-A 1560	MIRANDA	BR	8372.8	323.2	0.0	0.0	154.70	1.68	0.005	0.0	12.543
CHIN/A 1540	TORONTO	ON CA	2180.9	267.5	0.0	1.3	33.96	7.33	0.005	0.0	12.543
CD 154-A1540	RIO BUENO	CI	9482.5	335.7	0.0	0.0	154.70	1.60	0.005	0.0	12.543
ZYJ-331-1540	ICARAIMA	BR	8822.3	322.2	0.0	0.0	154.70	1.56	0.005	0.0	12.543
LT35-A 1540	PERGAMINO	AR	9383.4	327.1	0.0	0.0	154.70	1.55	0.005	0.0	12.543
ZYI-414-1540	IVINHEMA	BR	8790.2	321.5	0.0	0.0	154.70	1.55	0.005	0.0	12.543
ZYK-728-1560	PRES EPITACI	BR	8776.4	321.2	0.0	0.0	154.70	1.54	0.005	0.0	12.543
ZYJ-275-1560	CAPANEMA PR	BR	9009.5	322.5	0.0	0.0	154.70	1.54	0.005	0.0	12.543
ZYK-282-1560	QUARAI	BR	9277.9	324.4	0.0	0.0	154.70	1.53	0.005	0.0	12.543
ZYK-297-1540	SANTIAGO	BR	9263.1	323.4	0.0	0.0	154.70	1.51	0.005	0.0	12.543
ZYH-760-1540	INHUMAS	BR	8490.3	319.2	0.0	0.0	154.70	1.51	0.005	0.0	12.543
CX156-A 1560	TRINIDAD	UY	9537.0	324.8	0.0	0.0	154.70	1.49	0.005	0.0	12.543
ZYK727-A1540	POMPEIA	BR	8932.8	320.2	0.0	0.0	154.70	1.49	0.005	0.0	12.543
ZYJ-286-1560	PALMAS	BR	9196.2	321.6	0.0	0.0	154.70	1.48	0.005	0.0	12.543
CV156-A 1560	VICHADERO	UY	9503.7	323.4	0.0	0.0	154.70	1.47	0.005	0.0	12.543
ZYJ-747-1540	CAPINZAL	BR	9293.8	321.4	0.0	0.0	154.70	1.47	0.005	0.0	12.543
ZYK-310-1560	TAQUARI	BR	9494.5	321.7	0.0	0.0	154.70	1.44	0.004	0.0	12.543
UNK-A 1560	SOUFRIERE	ST	5168.9	312.4	0.0	0.0	97.90	2.27	0.004	0.0	12.543
ZYK593-A1560	IGARAPAVA	BR	8920.9	318.9	0.0	0.0	154.70	1.44	0.004	0.0	12.543
ZYK564-A1540	BOTUCATU	BR	9114.2	319.5	0.0	0.0	154.70	1.43	0.004	0.0	12.543
LU28-A 1540	GRAL MADARIA	AR	9843.7	325.1	0.0	0.0	154.70	1.43	0.004	0.0	12.543
ZYJ-797-1560	TAIO	BR	9375.6	320.6	0.0	0.0	154.70	1.43	0.004	0.0	12.543
ZYK-567-1560	BROTAS	BR	9085.8	319.3	0.0	0.0	154.70	1.43	0.004	0.0	12.543
ZYK-725-1560	PEDREIRA	BR	9205.6	318.7	0.0	0.0	154.70	1.40	0.004	0.0	12.543
ZYJ212-A1560	MALLET	BR	9215.9	320.9	0.0	0.0	145.24	1.46	0.004	0.0	12.543
UNK-A 1560	DUARTINA	BR	9011.5	319.9	0.0	0.0	145.24	1.46	0.004	0.0	12.543

ZYH921-A1540	LAGO DA PEDR	BR	7835.9	315.0	0.0	0.0	154.70	1.37	0.004	0.0	12.543
ZYL-217-1540	BOM DESPACHO	BR	9070.9	317.7	0.0	0.0	154.70	1.37	0.004	0.0	12.543
ZYK-571-1560	CAMPOS JORDA	BR	9293.8	318.1	0.0	0.0	154.70	1.36	0.004	0.0	12.543
ZYL-293-1540	TRES CORACOE	BR	9232.8	317.9	0.0	0.0	154.70	1.36	0.004	0.0	12.543
UNK-A 1540	SERTAOZINHO	BR	8998.0	319.1	0.0	0.0	144.94	1.44	0.004	0.0	12.543
ZYK514-A1540	LEME	BR	9126.9	318.9	0.0	0.0	145.77	1.41	0.004	0.0	12.543
ZYL-226-1540	CONS LAFAIET	BR	9248.3	317.1	0.0	0.0	154.70	1.33	0.004	0.0	12.543
ZYJ-501-1560	ITAGUAI	BR	9431.5	317.3	0.0	0.0	154.70	1.32	0.004	0.0	12.543
ZYL-256-1560	LEOPOLDINA	BR	9401.4	316.7	0.0	0.0	154.70	1.30	0.004	0.0	12.543
ZYI-206-1540	SANTA TERESA	BR	9420.7	315.8	0.0	0.0	154.70	1.25	0.004	0.0	12.543
ZYH-611-1540	TIANGUA	BR	8116.2	313.6	0.0	0.0	154.70	1.22	0.004	0.0	12.543
ZYH-631-1540	MOMBACA	BR	8383.2	313.6	0.0	0.0	154.70	1.19	0.004	0.0	12.543
CW51-A 1560	MALDONADO	UY	9765.0	323.7	0.0	0.0	127.66	1.43	0.004	0.0	12.543
ZYH-622-1560	PENTECOSTES	BR	8262.5	313.1	0.0	0.0	154.70	1.16	0.004	0.0	12.543
CW154-A 1540	PAYSANDU	UY	9356.0	325.4	0.0	0.0	97.90	1.53	0.003	0.0	12.543
CV154-A 1540	CARDONA	UY	9545.9	325.1	0.0	0.0	97.90	1.49	0.003	0.0	12.543
UNK-A 1560	PORTO BELO	BR	9469.7	319.8	0.0	0.0	34.68	1.40	0.001	0.0	12.543

Non-Contributors:

Call	Freq (kHz)	City	St	Ct	Dist (km)	Azi (deg)	Theta		Max V-Rad (mV/m)	SW Mult (uV/m)	Limit (mV/m)
							Min (deg)	Max (deg)			
NEW	1550	PARKER	CO	US	49.0	303.3	71.1	78.3	72.70	457.40	6.651
KESJ	1550	ST. JOSEPH	MO	US	890.3	272.6	7.2	13.0	384.53	48.58	3.736
KDCC	1550	DODGE CITY	KS	US	500.1	297.2	14.9	24.4	99.91	117.24	2.343
XEBG/O	1550	TIJUANA	BN	MX	1325.6	49.4	3.2	7.2	352.28	28.45	2.005
NEW	1550	MERLIN	OR	US	1542.5	95.4	1.9	5.3	485.93	18.77	1.824
UNK-B	1550	GUN BLUFF		CJ	3235.6	319.7	0.0	0.0	1383.99	6.00	1.661
NEW	1550	MIDLAND	TX	US	900.2	343.0	7.1	12.8	125.33	52.57	1.318
KRPI	1550	FERNDAL	WA	US	1745.3	119.5	0.8	3.9	529.46	12.29	1.301
NEW	1550	WHITNEY	NV	US	949.9	61.8	6.5	12.0	132.46	47.36	1.255
KIVA	1550	ALBUQUERQUE	NM	US	521.6	13.2	14.2	23.4	54.46	113.17	1.233
NEW	1550	SHASTA LAKE CITY	CA	US	1453.8	88.7	2.4	6.1	234.96	21.69	1.019
KKLE	1550	WINFIELD	KS	US	766.1	293.7	8.9	15.6	68.86	63.89	0.880
KMAD	1550	MADILL	OK	US	977.1	312.2	6.2	11.5	89.56	45.01	0.806
KMAD	1550	MADILL	OK	US	977.2	312.2	6.2	11.5	89.54	45.00	0.806

KMAD	1550	MADILL	OK	US	977.2	312.2	6.2	11.5	89.54	45.00	0.806
KICS	1550	HASTINGS	NE	US	590.3	263.1	12.4	20.7	44.13	91.08	0.804
XEREL1/A1	1550	MORELIA	MC	MX	2262.0	351.1	0.0	0.9	292.85	12.62	0.739
KXTO	1550	RENO	NV	US	1249.5	84.6	3.8	8.0	95.85	28.88	0.554
KCOM	1550	COMANCHE	TX	US	1056.3	327.4	5.4	10.4	66.94	40.68	0.545
NEW	1550	BLANCHARD	LA	US	1282.4	311.1	3.5	7.7	91.33	28.96	0.529
NEW	1560	ODESSA	TX	US	919.1	344.5	6.8	12.5	484.98	51.00	0.495
XEHOS1/O1	1540	VILLA DE SERIS	SO	MX	1299.7	22.4	3.4	7.5	783.09	30.16	0.472
KAPE	1550	CAPE GIRARDEAU	MO	US	1389.1	286.1	2.8	6.6	101.07	23.11	0.467
TGCK-B	1550	SULTANA	GT		3148.5	334.0	0.0	0.0	309.50	7.20	0.445
CMOR-D	1550	NUEVA GERONA	CU		2906.7	318.2	0.0	0.0	303.50	7.19	0.436
HRNN 37-	1550	S PEDRO SULA	HO		3169.4	331.5	0.0	0.0	303.50	6.98	0.424
XEHOS/O	1540	LA PALOMA	SO	MX	1299.5	22.4	3.4	7.5	695.33	30.17	0.420
WRHC	1550	DORAL	FL	US	2765.4	310.0	0.0	0.0	283.14	7.36	0.417
NEW	1550	ENGLEWOOD	CO	US	34.3	308.2	76.5	81.8	4.35	466.36	0.406
XEJPV1/O1	1560	ZARAGOZA	CH	MX	905.8	5.9	7.0	12.7	355.01	52.45	0.372
KLFJ	1550	SPRINGFIELD	MO	US	1074.1	288.9	5.2	10.1	50.08	36.79	0.369
KYAL	1550	SAPULPA	OK	US	901.2	300.0	7.0	12.8	34.27	50.14	0.344
KWBC	1550	COLLEGE STATION	TX	US	1292.3	323.9	3.4	7.6	51.39	29.39	0.302
XEHOS/O	1540	VILLA DE SERIS	SO	MX	1299.7	22.4	3.4	7.5	495.27	30.16	0.299
KIWA	1550	SHELDON	IA	US	869.3	247.0	7.4	13.4	30.03	48.05	0.289
KWBC	1550	NAVASOTA	TX	US	1329.5	323.9	3.2	7.2	49.45	28.08	0.278
WJIL	1550	JACKSONVILLE	IL	US	1284.6	274.9	3.5	7.6	49.87	25.48	0.254
YNBP-B	1550	SONIDO POPUL	NU		3624.0	332.2	0.0	0.0	218.80	5.78	0.253
WPFC	1550	BATON ROUGE	LA	US	1633.4	312.7	1.4	4.6	62.97	19.33	0.243
WAMA	1550	TAMPA	FL	US	2473.6	308.0	0.0	0.0	111.52	8.93	0.199
NEW	1560	WOLFFORTH	TX	US	755.9	338.8	9.1	15.8	146.61	67.78	0.199
NEW	1560	WOLFFORTH	TX	US	755.9	338.8	9.1	15.8	146.12	67.78	0.198
KKAA	1560	ABERDEEN	SD	US	839.8	223.5	7.8	14.0	174.01	49.26	0.171
CMHO-D	1550	NUEVITAS	CU		3328.9	313.7	0.0	0.0	154.70	5.39	0.167
XENVA2/O1	1560	SONOITA	SO	MX	1107.6	35.6	4.9	9.7	214.90	38.37	0.165
LRK359-A1	1550	TRANCAS	AR		8419.3	329.4	0.0	0.0	386.70	1.82	0.141
NEW	1550	MIDLAND	TX	US	897.5	341.9	7.1	12.9	12.61	52.78	0.133
NEW	1550	MIDLAND	TX	US	897.5	341.9	7.1	12.9	12.57	52.78	0.133
WPAD	1560	PADUCAH	KY	US	1477.5	286.7	2.2	5.9	316.77	20.65	0.131
WEVR	1550	RIVER FALLS	WI	US	1181.2	245.4	4.3	8.8	23.95	26.74	0.128
XEGYS/O	1560	GUAYMAS	SO	MX	1409.9	20.0	2.7	6.4	215.86	26.57	0.115
WMSK	1550	MORGANFIELD	KY	US	1516.6	284.0	2.0	5.5	28.27	19.38	0.110
WKTF	1550	VIENNA	GA	US	2100.1	299.7	0.0	1.8	47.84	11.42	0.109

KABI	1560	ABILENE	KS	US	692.6	279.9	10.2	17.5	71.56	73.16	0.105
WQZQ	1550	CLARKSVILLE	TN	US	1599.0	288.2	1.5	4.9	28.13	17.91	0.101
WAZX	1550	SMYRNA	GA	US	1940.7	295.6	0.0	2.6	36.87	12.91	0.095
XE/O	1560	GUASAVE	SI	MX	1604.9	10.0	1.5	4.8	215.92	21.69	0.094
XEDCH/O	1540	CD.DELICIAS	CH	MX	1283.1	1.0	3.5	7.7	149.24	30.84	0.092
WDLR	1550	DELAWARE	OH	US	1885.6	275.3	0.1	3.0	38.93	11.54	0.090
XE/O	1560	CD.CUAUHEMOC	CH	MX	1267.2	6.4	3.6	7.8	140.14	31.47	0.088
WCSJ	1550	MORRIS	IL	US	1429.4	268.3	2.5	6.3	22.04	19.99	0.088
XERIO/O	1560	IXTLAN DEL RIO	NA	MX	2081.2	358.0	0.0	1.9	304.20	14.40	0.088
XENVA2/O	1540	AGUA PRIETA	SO	MX	1012.4	21.5	5.8	11.0	95.89	44.33	0.085
XEDRD/O	1540	DURANGO	DU	MX	1746.8	358.4	0.8	3.8	208.56	18.89	0.079
XENC/O	1540	CELAYA	GT	MX	2178.2	349.7	0.0	1.3	295.00	13.26	0.078
XE0049/O	1540	NAVOJOA	SO	MX	1453.8	14.4	2.4	6.1	152.54	25.36	0.077
WTHB	1550	AUGUSTA	GA	US	2184.3	295.2	0.0	1.3	36.97	10.16	0.075
WCVL	1550	CRAWFORDSVILLE	IN	US	1558.8	274.5	1.8	5.2	21.38	17.34	0.074
XE0064/O	1540	FRESNILLO	ZA	MX	1859.3	353.6	0.2	3.1	216.00	17.02	0.074
WLOR	1550	HUNTSVILLE	AL	US	1727.0	293.8	0.9	4.0	22.90	15.97	0.073
XE/O	1540	MATEHUALA	SL	MX	1839.7	347.5	0.3	3.2	208.59	17.22	0.072
WOCC	1550	CORYDON	IN	US	1657.1	281.9	1.2	4.5	21.93	16.05	0.070
XE/O	1540	CABO SAN LUCAS	BS	MX	1922.4	12.2	0.0	2.7	216.04	16.23	0.070
XELAC1/O	1560	LAZARO CARDENAS	MC	MX	2430.8	353.7	0.0	0.1	304.26	11.47	0.070
KZQQ	1560	ABILENE	TX	US	944.2	330.4	6.5	12.1	71.58	48.49	0.069
XETAV/O	1540	VILLAHERMOSA	TB	MX	2692.1	336.4	0.0	0.0	369.49	9.21	0.068
XERTP/O	1540	SAN MARTIN TEXMEL	PU	MX	2367.7	345.4	0.0	0.4	291.14	11.60	0.068
XE/O	1540	TORREON	CI	MX	1586.4	354.5	1.6	5.0	152.67	21.99	0.067
XEFAJ/O	1560	PETROLERA	DF	MX	2323.7	346.9	0.0	0.6	273.91	11.98	0.066
XEZW/O	1560	CERRITOS	SL	MX	1977.8	347.4	0.0	2.4	208.81	15.30	0.064
NEW	1540	ENTERPRISE	NV	US	967.3	61.5	6.3	11.7	68.57	46.06	0.063
XESTN/O	1540	MONTERREY	NL	MX	1629.1	344.9	1.4	4.7	146.01	20.90	0.061
WZRK	1550	LAKE GENEVA	WI	US	1442.9	262.9	2.4	6.1	15.91	19.02	0.061
K-A	1550	CACOAL 1	BR		7262.6	324.2	0.0	0.0	145.00	2.00	0.058
XE/O	1560	NARANJOS	VC	MX	2160.2	342.5	0.0	1.4	216.21	13.13	0.057
WIRV	1550	IRVINE	KY	US	1853.3	283.5	0.3	3.2	21.62	12.89	0.056
XEPAV/O	1540	PANUCO	VC	MX	2077.0	342.8	0.0	1.9	198.55	14.02	0.056
UNK-A	1550	COMODORO	BR		7568.3	323.8	0.0	0.0	142.14	1.90	0.054
XEGP/O	1540	POZA RICA	VC	MX	2257.8	342.6	0.0	0.9	216.21	12.29	0.053
LRJ381-A	1550	RIVADAVIA	AR		8946.9	332.2	0.0	0.0	154.70	1.72	0.053
XEDD/O	1560	MONTEMORELOS	NL	MX	1692.9	344.0	1.0	4.2	135.27	19.62	0.053
KNGR	1560	DAINGERFIELD	TX	US	1200.1	311.4	4.1	8.6	77.96	32.32	0.050

YNR10-A	1540	RELOJ NACION		NU	3639.2	331.1	0.0	0.0	437.60	5.68	0.050
UNK-A	1550	CAIAPONIA		BR	8381.8	320.4	0.0	0.0	154.70	1.58	0.049
WIGN	1550	BRISTOL	TN	US	2042.4	286.9	0.0	2.1	22.23	10.81	0.048
WCLY	1550	RALEIGH	NC	US	2368.8	288.7	0.0	0.4	28.28	7.96	0.045
UNK-A	1550	MARACANA		BR	7375.1	314.7	0.0	0.0	154.70	1.45	0.045
UNK-A	1550	MANDAGUACU		BR	8914.8	321.4	0.0	0.0	146.00	1.52	0.044
KGBC	1540	DAYTON	TX	US	1444.0	323.3	2.4	6.1	90.68	24.51	0.044
UNK-A	1550	TRES PASSOS		BR	9163.0	322.7	0.0	0.0	145.00	1.52	0.044
CMDR-C	1560	MATANZAS 1		CU	2895.3	315.3	0.0	0.0	309.50	7.08	0.044
UNK-A	1550	PALMITAL 1		BR	9040.8	321.6	0.0	0.0	145.00	1.51	0.044
XEMAS/O	1560	SALAMANCA	GT	MX	2162.6	350.7	0.0	1.4	162.67	13.44	0.044
UNK-A	1550	SAO VALENTIM		BR	9253.7	322.0	0.0	0.0	145.00	1.48	0.043
NEW	1560	GREENVILLE	GA	US	1975.1	297.9	0.0	2.4	163.82	12.69	0.042
UNK-A	1550	VARGEM GRAND		BR	7868.0	314.4	0.0	0.0	154.70	1.32	0.041
KLTI	1560	MACON	MO	US	1091.3	274.2	5.1	9.9	58.05	34.32	0.040
WLFY	1550	BRADDOCK	PA	US	2153.4	276.3	0.0	1.5	23.31	8.51	0.040
NEW	1560	GREENVILLE	GA	US	1976.6	298.0	0.0	2.4	154.97	12.68	0.039
UNK-A	1550	JUAZEIRO		BR	8598.2	314.5	0.0	0.0	157.70	1.24	0.039
WMRE	1550	CHARLESTOWN	WV	US	2339.4	280.0	0.0	0.6	26.18	7.28	0.038
KEYK/O	1540	MOTUL	YC	MX	2564.1	327.3	0.0	0.0	202.09	9.43	0.038
UNK-A	1550	GUANHAES		BR	9157.7	316.6	0.0	0.0	145.00	1.31	0.038
WVAB	1550	VIRGINIA BEACH	VA	US	2546.0	286.2	0.0	0.0	28.93	6.48	0.037
UNK-A	1550	SAO FIDELIS		BR	9475.0	316.3	0.0	0.0	144.50	1.28	0.037
UNK-A	1550	ITARANA		BR	9394.6	315.9	0.0	0.0	145.00	1.26	0.037
CMIR-C	1560	CIEGO DE AVI		CU	3197.0	314.5	0.0	0.0	309.50	5.86	0.036
YNACW-A	1560	ONDAS XOLOTL		NU	3590.2	332.2	0.0	0.0	309.50	5.85	0.036
WMBH	1560	JOPLIN	MO	US	976.4	290.9	6.2	11.5	39.50	43.34	0.034
UNK-A	1550	AREIA BRANCA		BR	8525.1	312.8	0.0	0.0	154.70	1.10	0.034
UNK-A	1550	CRATO		BR	8514.5	313.8	0.0	0.0	142.50	1.19	0.034
UNK-A	1550	AREIA		BR	8792.5	312.8	0.0	0.0	144.50	1.08	0.031
LRI389-A	1550	GRAL VILLEGA		AR	9370.8	328.7	0.0	0.0	97.90	1.57	0.031
CMJZ-C	1540	SAN LUIS		CU	3540.3	314.3	0.0	0.0	309.50	4.83	0.030
WTTC	1550	TOWANDA	PA	US	2420.8	274.3	0.0	0.2	19.95	6.08	0.024
KNGL	1540	MCPHERSON	KS	US	671.1	285.7	10.6	18.1	15.07	77.18	0.023
WBYS	1560	CANTON	IL	US	1294.8	270.9	3.4	7.5	46.21	24.67	0.023
NEW	1560	ARNOLD	MN	US	1311.0	238.9	3.3	7.4	53.40	20.86	0.022
CMJM-C	1560	STGO DE CUBA		CU	3557.0	314.5	0.0	0.0	218.80	4.80	0.021
WSRY	1550	ELKTON	MD	US	2508.2	279.8	0.0	0.0	15.60	6.07	0.019
WUTQ	1550	UTICA	NY	US	2513.8	271.7	0.0	0.0	17.81	5.20	0.019

NEW	1540	SOUTHCHASE	FL	US	2522.5	306.2	0.0	0.0	93.19	8.47	0.016
NEW	1540	SOUTHCHASE	FL	US	2522.9	306.2	0.0	0.0	93.18	8.47	0.016
KGOW	1560	BELLAIRE	TX	US	1436.0	324.0	2.5	6.2	30.25	24.77	0.015
KASA	1540	PHOENIX	AZ	US	934.1	38.9	6.7	12.2	14.56	49.65	0.014
WNTN	1550	NEWTON	MA	US	2846.4	275.7	0.0	0.0	17.63	3.83	0.013
NEW	1540	ODESSA	TX	US	904.6	343.6	7.0	12.8	11.85	52.21	0.012
XEINFO/	1560	SAN ANDRE DE LA C	MX	MX	2318.2	346.6	0.0	0.7	50.89	12.01	0.012
NEW	1540	COBURG	OR	US	1549.1	102.3	1.8	5.3	33.06	17.93	0.012
KLKC	1540	PARSONS	KS	US	909.0	290.0	6.9	12.7	10.64	48.61	0.010
NEW	1540	SPRING VALLEY	NV	US	952.6	63.5	6.4	11.9	10.87	47.04	0.010
LRK361-A1	560	VILLA S MART		AR	8674.7	328.9	0.0	0.0	274.45	1.74	0.010
LRJ367-A1	560	GRAL CABRERA		AR	9120.1	329.1	0.0	0.0	274.45	1.64	0.009
NEW	1560	VILLAGE OF SUPERI	WI	US	1306.4	239.1	3.3	7.4	20.97	21.04	0.009
WSIV	1540	E. SYRACUSE	NY	US	2440.8	271.3	0.0	0.1	73.00	5.64	0.008
WSIV	1540	E. SYRACUSE	NY	US	2440.8	271.3	0.0	0.1	73.00	5.64	0.008
NEW	1540	RINCON	GA	US	2300.8	297.9	0.0	0.7	40.90	9.39	0.008
KDYN	1540	OZARK	AR	US	1110.1	298.5	4.9	9.6	9.32	35.68	0.007
LRH367-A1	560	CAMPO LARGO		AR	8708.0	326.7	0.0	0.0	194.06	1.69	0.007
LRH375-A1	560	CONCEPCION		AR	9019.2	325.1	0.0	0.0	194.06	1.59	0.006
WCMA	1560	DALEVILLE	AL	US	1991.1	303.5	0.0	2.3	23.78	12.98	0.006
LRH369-A1	560	APOSTOLES		AR	9095.6	323.8	0.0	0.0	194.06	1.55	0.006
UNK-A	1540	ARACATUBA		BR	8841.4	320.3	0.0	0.0	197.23	1.50	0.006
WKXG	1540	GREENWOOD	MS	US	1510.7	301.5	2.0	5.6	13.66	21.22	0.006
LRJ372-A1	540	VINCHINA		AR	8523.4	331.6	0.0	0.0	154.70	1.82	0.006
LRK366-A1	540	FRIAS		AR	8658.3	329.6	0.0	0.0	154.70	1.76	0.005
WMRO	1560	GALLATIN	TN	US	1682.1	288.4	1.1	4.3	16.57	16.25	0.005
UNK-A	1560	PARANAITA		BR	7436.6	321.0	0.0	0.0	145.00	1.82	0.005
WKDG	1540	SUMITON	AL	US	1745.5	297.6	0.8	3.9	16.31	16.01	0.005
LRH368-A1	540	QUITILUPI		AR	8750.4	326.3	0.0	0.0	154.70	1.68	0.005
LRJ362-A1	540	S ROSA RIO 1		AR	8983.4	328.7	0.0	0.0	154.70	1.66	0.005
LRI393-A1	540	VERA		AR	8990.6	326.6	0.0	0.0	154.70	1.63	0.005
LRJ368-A1	540	LA CARLOTA		AR	9206.0	328.8	0.0	0.0	154.70	1.61	0.005
ZP 54-A	1540	ITA CORA NEE		PA	8890.8	325.1	0.0	0.0	153.00	1.62	0.005
UNK-A	1560	ALMEIRIM M D		BR	6848.6	315.9	0.0	0.0	146.00	1.68	0.005
UNK-A	1560	MATEUS LEME		BR	9149.1	317.4	0.0	0.0	180.32	1.35	0.005
LRH370-A1	540	L N ALEM		AR	9094.0	323.5	0.0	0.0	154.70	1.55	0.005
UNK-A	1540	S S BOA VIST		BR	7285.6	315.7	0.0	0.0	154.70	1.54	0.005
WBIN	1540	BENTON	TN	US	1881.8	291.7	0.1	3.0	17.84	13.33	0.005
ZYK679-A1	560	VALPARAISO		BR	8813.6	320.5	0.0	0.0	154.70	1.51	0.005

ZYI-397-1560	NOVA ANDRADI		BR	8739.4	321.9	0.0	0.0	148.35	1.57	0.005
UNK-A 1560	S JOSE OURO		BR	9332.5	321.5	0.0	0.0	157.80	1.46	0.005
KBOA 1540	KENNETT	MO	US	1383.7	290.8	2.8	6.7	9.40	23.75	0.004
NEW 1560	SUPERIOR	WI	US	1310.0	239.0	3.3	7.4	10.49	20.90	0.004
UNK-A 1560	S MIGUEL DOE		BR	9124.9	322.4	0.0	0.0	144.50	1.52	0.004
UNK-A 1540	RONCADOR		BR	9013.4	321.6	0.0	0.0	144.50	1.51	0.004
UNK-A 1560	IJUI 1		BR	9246.1	322.8	0.0	0.0	145.00	1.50	0.004
UNK-A 1560	RIB DO PINHA		BR	9034.6	320.5	0.0	0.0	145.00	1.48	0.004
UNK-A 1540	IMBITUVA		BR	9174.7	320.8	0.0	0.0	145.00	1.47	0.004
UNK-A 1560	VITOR FREIRE		BR	7814.9	314.9	0.0	0.0	154.70	1.37	0.004
UNK-A 1560	PLANALTINA		BR	8549.3	318.2	0.0	0.0	145.50	1.46	0.004
WBTC 1540	UHRICHSVILLE	OH	US	2026.2	275.6	0.0	2.2	21.62	9.79	0.004
WBRY 1540	WOODBURY	TN	US	1731.7	290.2	0.8	3.9	13.53	15.54	0.004
WTOD 1560	TOLEDO	OH	US	1829.8	270.6	0.4	3.3	17.64	11.84	0.004
UNK-A 1540	RIO DO SUL 1		BR	9405.2	320.4	0.0	0.0	144.00	1.42	0.004
UNK-A 1540	SALINAS		BR	8994.7	316.1	0.0	0.0	154.70	1.30	0.004
UNK-A 1560	CONSELHEI PE		BR	9278.0	316.1	0.0	0.0	154.50	1.28	0.004
UNK-A 1560	STO ANT AMPA		BR	9194.3	317.7	0.0	0.0	144.00	1.36	0.004
UNK-A 1540	PARAIBA DO S		BR	9407.0	317.0	0.0	0.0	144.00	1.31	0.004
UNK-A 1540	SOUTO SOARES		BR	8719.9	315.3	0.0	0.0	145.00	1.28	0.004
WBNL 1540	BOONVILLE	IN	US	1562.5	282.4	1.7	5.2	10.07	18.11	0.004
UNK-A 1540	ITIRUCU		BR	8947.6	315.0	0.0	0.0	144.00	1.24	0.004
UNK-A 1560	PAU DOS FERR		BR	8526.2	313.3	0.0	0.0	154.70	1.14	0.004
UNK-A 1560	ARARIPE		BR	8462.9	314.0	0.0	0.0	145.24	1.21	0.004
UNK-A 1540	MONTEIRO		BR	8749.2	313.3	0.0	0.0	154.70	1.13	0.003
UNK-A 1560	RIB DO POMBA		BR	8859.6	314.1	0.0	0.0	145.00	1.18	0.003
UNK-A 1540	JOAO CAMARA		BR	8677.6	312.6	0.0	0.0	154.70	1.07	0.003
NEW 1540	TANGELO PARK	FL	US	2511.3	306.3	0.0	0.0	15.76	8.55	0.003
WJJT 1540	JELLICO	TN	US	1872.9	287.2	0.2	3.0	9.92	12.99	0.003
WREJ 1540	RICHMOND	VA	US	2415.7	284.2	0.0	0.2	10.03	7.15	0.001
WXEX 1540	EXETER	NH	US	2864.9	274.5	0.0	0.0	16.65	3.64	0.001
NEW 1550	GOLDEN	CO	US	0.0	270.0	90.0	90.0	0.00	475.41	0.000
NEW 1550	GOLDEN	CO	US	0.0	0.0	90.0	90.0	0.00	-9.99999-1091619	