

KTOL Minor Change

REFERENCE		CH# 215A - 90.9 MHz, Pwr= 0.45 kW, HAAT=-207.0 M, COR= 3083 M							DI SPLAY DATES	
39 14 05 N.		Average Protected F(50-50)= 8.26 km							DATA	11-03-06
106 17 59 W.		Ave. F(50-10) 40 dBu= 27.7 54 dBu= 11.7 80 dBu= 2.6 100 dBu= 1.5							SEARCH	11-10-06
CH CITY	CALL	TYPE STATE	AZI. <--	DI ST FI LE #	LAT. LNG.	Pwr(kW) HAAT(M)	COR(M) INT(km)	PRO(km) LI CENSEE	*IN* (Overl ap in km)	*OUT*
215A Leadville	KTOL.C	CP HX CO	0.0 0.0	0.00 BMPED20051128AAS	39 14 05 106 17 59	0.450 -164	3080 27.7	8.3 Educational	-35.98*<	-35.98*<
216C Morri son	KLDV	LI C DCN CO	66.2 246.9	102.25 BLED19860908KB	39 36 00 105 12 35	90.519 -22	2448 57.0	30.3 Educational	36.99	60.28 Media Foundati
216CO Morri son	KLDV.C	CP CX CO	66.2 246.9	102.25 BPED20040315ACB	39 36 00 105 12 35	100.000 -22	2448 59.1	31.0 Educational	34.93	59.59 Media Foundati
212A Fri sco	KTDX.C	CP CX CO	38.6 218.8	37.28 BMPED20050726AFS	39 29 47 106 01 43	0.400 -460	3228 1.4	8.0 Educational	27.61	27.80 Communications
215A Paonia	KVNF	LI C CX CO	251.6 70.8	124.45 BLED20050826AAJ	38 52 28 107 39 40	2.600 229	2120 91.9	34.3 North Fork Valley	24.25	62.39 Public R
218A Aspen	KAJX	LI C DEN CO	264.6 84.3	43.75 BLED19910514KC	39 11 48 106 48 14	0.156 -501	2670 0.9	6.3 Roaring Fork	34.61	35.96 Public Radio
216A Gunnison	KWSB-F	LI C CN CO	213.8 33.4	95.03 BLED19850430LR	38 31 22 106 54 28	0.135 31	2627 8.8	6.2 Western State College Of C	72.74	68.75 College Of C
215CO Chugwater	KLWV	LI C CX WY	17.0 197.6	241.51 BLED20040621ABR	41 18 39 105 27 12	100.000 288	2765 170.8	71.5 Educational	62.41	142.34 Media Foundati
217C3 Gypsum	KLRY	LI C CX CO	322.2 141.9	76.19 BLED20051109AAM	39 46 30 106 50 45	0.110 749	3361 0.7	29.5 Educational	67.19	45.20 Media Foundati
217C2 Salida	KTPF.C	CP CX CO	163.9 344.1	91.03 BPED19990903MG	38 26 48 106 00 36	0.385 1238	3567 1.4	50.4 Educational	81.39	39.13 Communications
212A Crested Butte	KBUT	LI C CN CO	237.8 57.4	68.93 BLED19981125KH	38 54 11 106 58 23	0.225 -345	2985 1.1	6.9 Crested Butte Mountain Edu	59.62	60.54 Mountain Edu
213C2 Carbondale	KVOV	LI C DCX CO	282.9 102.2	94.48 BLED20040913AAA	39 25 08 107 22 10	0.295 1095	3227 1.2	45.8 Public Broadcasting Of Col	85.01	47.22 Broadcasting Of Col
269C1 Eagle	KTUN	LI C ZC CO	322.7 142.4	70.53 BLH20050915ADE	39 44 18 106 47 58	11.193 676	3171 85.3	71.8 Nrc Broadcasting, Inc.	22.0R	48.5M
269C1 Eagle	KTUN.A	APP CX CO	321.4 141.0	77.17 BPH20061002BXC	39 46 32 106 51 48	10.500 662	3178 83.8	70.6 Nrc Broadcasting, Inc.	22.0R	55.2M
06Z2C Vernal	KBCJ	AP HN UT	297.3 115.1	324.58 BMPCT20001004AEE	40 31 15 109 42 25	2.000 838	2638 3.6	90.6 Vernal Broadcasting, Inc.	180.0R	144.6M
06+2C Vernal	KBCJ	AP DHY UT	298.1 116.2	273.64 BMPCT20050915ADU	40 21 22 109 08 41	62.430 685	2541 3.6	126.7 Vernal Broadcasting, Inc.	180.0R	93.6M
06Z2C Vernal	KBCJ	CP HN UT	298.1 116.2	273.64 BPCT19960919KG	40 21 22 109 08 41	83.200 685	2541 3.6	130.5 Vernal Broadcasting, Inc.	180.0R	93.6M
06-2E Denver	KRMATV	CP DCY CO	62.0 242.6	105.17 BPET19990107KE	39 40 25 105 13 01	0.000 105	2363 3.6	3.9 Rocky Mountain Public Broa	180.0R	-74.8M
06+2C Durango	KREZTV	LI HN CO	213.0 32.0	259.85 BLCT19851107KJ	37 15 46 107 53 58	6.170 142	2391 6.4	59.3 Lin Of Colorado, LI c	180.0R	79.8M
06-2E Denver	KRMATV	LI HY CO	58.2 238.9	105.75 BLET19950504KE	39 43 49 105 15 00	100.000 -88	2349 3.6	59.0 Rocky Mountain Public Broa	180.0R	-74.2M

Terrain database is NGDC 30 SEC

ERP and HAAT are on direct line to and from reference station.

• affixed to TV6 Margin= no direct-line contour overlap.

***affixed to 'IN' or 'Out' values = site inside protected contour. "<" = contour overlap

Terrain and Contour Study

N. Lat. = 39 14 05 W. Lng. = 106 17 59

HAAT and Distance to Contour - FCC Method - 30 Arc. Sec.

KTOL Minor Change

Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5
000	3244.0	-161.0	0.4500	-3.47	1.000	8.26
045	3544.2	-461.2	0.4500	-3.47	1.000	8.26
090	3681.8	-598.8	0.4500	-3.47	1.000	8.26
135	3459.1	-376.1	0.4500	-3.47	1.000	8.26
180	2890.2	192.8	0.4500	-3.47	1.000	21.04
225	3053.5	29.5	0.4500	-3.47	1.000	8.26
270	3214.6	-131.6	0.4500	-3.47	1.000	8.26
315	3232.7	-149.7	0.4500	-3.47	1.000	8.26

Ave El= 3290.01 M HAAT= -207.01 M AMSL= 3083