

Channel Study											
REFERENCE		CH#		201D - 88.1 MHz, Pwr= 0.225 kW, HAAT=0.0 M, COR= 2540 M		K203BQ Minor Modification		Average Protected F(50-50)= 6.91 km		DISPLAY DATES	
40 27 43 N 106 50 58 W		Ave. F(50-10)		40 dBu= 23.1 54 dBu= 9.9 80 dBu= 2.2 100 dBu= 1.1						DATA 05-17-05 SEARCH 05-18-05	
CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	COR(M) INT(km)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT* (Overlap in km)	
201D Steamboat Springs	K203BQ	APP C CO	0.0 180.0	0.00 BPFT20050321AOP	40 27 43 106 50 58	0.021 382	2540 46.3	13.7 Community Radio For Northe	-58.54*<	-54.55*<	
203A Steamboat Springs	KTAH.C	CP CX CO	90.0 270.0	0.02 BNPED19991004AAL	40 27 43 106 50 57	0.240 405	2528 1.1	25.7 Educational	-7.35*<	-26.57*<	
255A Steamboat Springs	970911	APP CX CO	90.0 270.0	0.02 BPH19970911MV	40 27 43 106 50 57	1.700 408	2531 45.7	40.6 Ramsey Leasing, Inc.	10.0R	-10.0M	
255A Steamboat Springs	970911	APP CN CO	90.0 270.0	0.02 BPH19970911ML	40 27 43 106 50 57	1.700 413	2536 46.0	40.8 Boat Of Steam Broadcasting	10.0R	-10.0M	
255A Steamboat Springs Commercial Channel	970908	APP CN CO Operating	90.0 270.0	0.02 BPED19970908MB Educational	40 27 43 106 50 57	1.500 407	2530 44.3	39.5 Educational	10.0R	-10.0M	
255A Steamboat Springs RCAGL appears to be incorrect for the RCAMSL	970910	APP CN CO	90.0 270.0	0.02 BPH19970910MK	40 27 43 106 50 57	1.550 421	2544 45.5	40.4 Eb Needl es LI c	10.0R	-10.0M	
255A Steamboat Springs	970909	APP CN CO	90.0 270.0	0.02 BPH19970909MG	40 27 43 106 50 57	1.300 423	2546 43.8	39.1 Yampa Valley Broadcasting	10.0R	-10.0M	
255A Steamboat Springs	970911	APP CN CO	90.0 270.0	0.02 BPH19970911MV	40 27 43 106 50 57	1.700 408	2531 45.7	40.6 Ramsey Leasing, Inc	10.0R	-10.0M	
255A Steamboat Springs	970911	APP CN CO	0.0 180.0	0.03 BPH19970911MN	40 27 44 106 50 58	1.800 375	2533 44.2	39.6 Rocky Mountain Radi o Comp	10.0R	-10.0M	
255A Steamboat Springs	970911	APP CN CO	259.4 79.4	1.17 BPH19970911MJ	40 27 36 106 51 47	0.560 -69	2530 8.8	8.8 Colorado Alpine Broadcasti	10.0R	-8.8M	
203D Steamboat Springs Translator For KUNCFM, Greeley, CO	K203BQ	LIC DCN CO	303.3 123.3	0.06 BLFT19951012TG	40 27 44 106 51 00	0.000 21	2521 0.0	0.0 Community Radio For Northe	-3.95*<	0.01<	
255A Steamboat Springs	970908	VAC CN CO	28.7 208.7	3.13	40 29 12 106 49 54	6.000 222	2530 44.9	40.5	10.0R	-6.9M	
255A Steamboat Springs	970911	APP CN CO	14.5 194.5	3.66 BPH19970911MC	40 29 38 106 50 19	6.000 248	2493 47.4	42.2 Harry Media	10.0R	-6.3M	
255A Steamboat Springs	970911	APP CX CO	14.5 194.5	3.66 BPH19970911MC	40 29 38 106 50 19	6.000 248	2493 47.4	42.2 Harry Media	10.0R	-6.3M	
255A Steamboat Springs	970910	APP CX CO	93.8 273.8	9.37 BPH19970910MF	40 27 23 106 44 21	0.160 962	3214 40.5	37.5 George S. Flinn, Jr.	10.0R	-0.6M	
255A Steamboat Springs amended 990817	970910	APP CN CO	93.8 273.8	9.37 BPH19970910MF	40 27 23 106 44 21	0.160 962	3214 40.5	37.5 George S Flinn Jr	10.0R	-0.6M	
201C2 Glenwood Sprngs	KDNK	LIC DEX CO	201.1 21.1	124.05 BLED20041022ABU	39 25 08 107 22 10	0.833 1044	3227 128.7	54.8 Carbondale Communi ty Acces	-12.76<	41.97	
202A Craig	KPYR.C	CP CN CO	280.2 100.2	65.54 BPED19990129ME	40 33 50 107 36 40	0.250 325	2284 35.2	23.4 Public Broadcasting Of Col	20.75	27.99	
201D Vail	K201DU	LIC DC CO	159.4 339.4	98.08 BLFT20001220ACG	39 38 05 106 26 47	0.000 51	2988 0.0	0.0 Educational Medi a Foundati	95.11	84.20	
06NT Steamboat Springs	K06CF	LI DHN CO	232.5 52.5	0.36 BLTTV523	40 27 36 106 51 10	0.002 -162	2505	4.4 Yampa Valley Tv Associatio	To Grd B=	-4.08	

ERP and HAAT are on direct line to and from reference station.  
 "\*\*\*Affixed to 'IN' or 'Out' values = site inside protected contour. "<" = Contour Overlap

Terrain and Contour Study

N. Lat. = 40 27 43 W. Lng. = 106 50 58

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

Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5
000	2300.3	239.7	0.0339	-14.70	0.388	12.21
030	2487.4	52.6	0.1546	-8.11	0.829	8.39
060	2718.8	-178.8	0.2250	-6.48	1.000	6.91
090	2779.5	-239.5	0.1546	-8.11	0.829	6.29
120	2544.4	-4.4	0.0339	-14.70	0.388	4.26
150	2305.4	234.6	0.0002	-36.94	0.030	2.63
180	2158.2	381.8	0.0005	-33.22	0.046	4.03
210	2272.0	268.0	0.0092	-20.37	0.202	9.36
240	2149.3	390.7	0.0152	-18.18	0.260	12.74
270	2122.8	417.2	0.0092	-20.37	0.202	11.51
300	2070.6	469.4	0.0005	-33.22	0.046	4.24
330	2091.6	448.4	0.0002	-36.94	0.030	2.89

Ave El= 2333.35 M HAAT= 206.65 M AMSL= 2540

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

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Topography by photogrammetric methods from aerial photographs taken 1968. Field checked 1969  
Polyconic projection. 1927 North American datum  
10,000-foot grid based on Colorado coordinate system, north zone  
1000-meter Universal Transverse Mercator grid ticks, zone 13, shown in blue  
Fine red dashed lines indicate selected fence lines  
Certain land lines are omitted because of insufficient data  
There may be private inholdings within the boundaries of the National or State reservations shown on this map

UTM GRID: 1969 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000  
DOTTED LINES REPRESENT 20-FOOT CONTOURS  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

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