

FM Study for: COLUMBUS

FCC Database Date: 9/21/2007

41-32-28

Location: COLUMBUS, NE

Channel Class: C2

97-40-45

Contours calculated on direct line using 73.509(a)

[*] by Distance indicates directional antenna used in calculation.

[*] by HAAT indicates calculated as missing in database.

Call	City, State	Chan	Class	Freq	kW	Latitude	Dist.	Required
Status	Proponent	File Number	HAAT	Longitude	Azm.	Clear (km)		
WOWTTV	OMAHA, NE	6 2	88.0	100.	41-18-40	140.5	193	
LIC	Fac. No. 65528	BLCT-19831024KI	418	96-01-37	99.9	-52.5	SHORT	
>>>>>>> Study For Channel 213 90.5 MHz <<<<<<<<								
KLIR	COLUMBUS, NE	266 C1	101.1	100.	41-16-55	36.6	27	
LIC	Fac. No. 26627	BLH-19820817AE	232	97-24-30	141.7	+9.6	CLOSE	
NEW	SCHUYLER, NE	211 C2	90.1	50.0+	41-19-41	85.2	58	
APP	Fac. No. 122499	BNPED-20000214AAD	503	96-41-58	105.8	+27.2	CLEAR	
NEW	F(50,10) 100 dBu =	4 km, COLUMBF(50,50)	60 dBu =	40 KM	+41 km*			
COLUMB	F(50,10) 100 dBu =	4 km, NEW F(50,50)	60 dBu =	36 KM	+45 km*			
KRNU	LINCOLN, NE	212 A	90.3	.100	40-49-11	114.6	106	
LIC	Fac. No. 69268	BLED-19870205KA	38	96-42-11	134.0	+8.6	CLOSE	
KRNU	F(50,10) 54 dBu =	9 km, COLUMBF(50,50)	60 dBu =	40 KM	+65 km			
COLUMB	F(50,10) 54 dBu =	60 km, KRNU F(50,50)	60 dBu =	7 KM	+48 km			
KWIT	SIOUX CITY, IA	212 C1	90.3	100.	42-28-56	157.42	158	
LIC	Fac. No. 71839	BLED-1740	277	96-15-30	47.9	-0.58	SHORT	
KWIT	F(50,10) 54 dBu =	105 km, COLUMBF(50,50)	60 dBu =	40 KM	+12 km			
COLUMB	F(50,10) 54 dBu =	60 km, KWIT F(50,50)	60 dBu =	72 KM	+26 km			
KMNEFM	BASSETT, NE	212 C	90.3	92.0	42-20-05	173.7	188	
LIC	Fac. No. 47984	BLED-19910711KB	394	99-29-01	301.1	-14.3	SHORT	
KMNEFM	F(50,10) 54 dBu =	117 km, COLUMBF(50,50)	60 dBu =	40 KM	+16 km			
COLUMB	F(50,10) 54 dBu =	60 km, KMNEFMF(50,50)	60 dBu =	79 KM	+35 km			
KVCF	FREEMAN, SD	213 C2	90.5	9.00	43-29-22	217.3	190	
LIC	Fac. No. 92640	BLED-20020110AAJ	246	97-26-33	5.1	+27.3	CLEAR	
KVCF	F(50,10) 40 dBu =	112 km, COLUMBF(50,50)	60 dBu =	40 KM	+65 km			
COLUMB	F(50,10) 40 dBu =	106 km, KVCF F(50,50)	60 dBu =	45 KM	+67 km			
KVNO	OMAHA, NE	214 C2	90.7	8.90	41-18-25	140.5	130	
LIC	Fac. No. 69395	BLED-20041013AAU	197	96-01-37	100.1	+10.5	CLOSE	
KVNO	F(50,10) 54 dBu =	60 km, COLUMBF(50,50)	60 dBu =	40 KM	+40 km			
COLUMB	F(50,10) 54 dBu =	60 km, KVNO F(50,50)	60 dBu =	41 KM	+40 km			

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KNFA	GRAND ISLAND, NE	214 A	90.7	2.30	40-47-18	100.1	106	
APP	Fac. No. 91196	BMPED-20070906ADL	100	98-20-03	213.5	-5.9	SHORT	
KNFA	F(50,10) 54 dBu =	36 km, COLUMBF(50,50)	60 dBu =	40 KM	+24 km			
COLUMB	F(50,10) 54 dBu =	60 km, KNFA F(50,50)	60 dBu =	24 KM	+17 km			
KNFA	GRAND ISLAND, NE	214 A	90.7	.250	40-54-50	92.1	106	
CP	Fac. No. 91196	BPED-19980721MB	49	98-23-52	221.1	-13.9	SHORT	
KNFA	F(50,10) 54 dBu =	14 km, COLUMBF(50,50)	60 dBu =	40 KM	+38 km			
COLUMB	F(50,10) 54 dBu =	60 km, KNFA F(50,50)	60 dBu =	10 KM	+22 km			
KPNO	NORFOLK, NE	215 C1	90.9	100.	42-06-16	68.7	79	
LIC	Fac. No. 66272	BLED-20031014AMI	103	97-20-11	24.4	-10.3	SHORT	
KPNO	F(50,10) 100 dBu =	7 km, COLUMBF(50,50)	60 dBu =	40 KM	+22 km			
COLUMB	F(50,10) 100 dBu =	4 km, KPNO F(50,50)	60 dBu =	56 KM	+8 km			