

# NCE Caldwell, ID - 7700w ND - Longley-Rice Propagation Analysis

Brown Broadcast Services, Inc.  
 Job: NCE Caldwell SETTLEMENT\_fmj  
 Master Database: 2008\_Jan\_01.fmd  
 Lat: N43:44:52 Lon: W117:00:31 NAD-27  
 Scale: 1:1000000  
 Channel: 210 Class: C2

rfInvestigator Version 3.2.60  
 by rfSoftware, Inc.  
 Date: 2/2/2008 8:20:42 PM  
 Key:

First NCE service: 7929 persons; First or Second NCE service: 25,765 persons  
 First Secular NCE Service: 7929; First or Second Secular NCE Service: 41,041 persons

Due to favorable terrain and a lack of co or adjacent-channel interference issues, this proposal is expected to provide *significantly* greater "real world" coverage than would be predicted by the FCC method -- nearly 3 times as much.  
 FCC 60dbu: 168,363 persons -- Longley-Rice 60dbu: 469,153 persons

Pop Count

- 70dB(uV) ● 227,079
- 65dB(uV) ● 226,128
- 60dB(uV) ● 15,946
- 54dB(uV) ● 28,373
- 48dB(uV) ● 13,453

