

Comparisons of FM Reception - February 24, 2025

| Frequency | Station | Class | Qual | HD | DA | Mode | Location | Site | Info |
|-----------|---------|-------|------|----|----|------|---------------------|---------------------------------------|-----------------------------|
| 88.1 | KVOD | C3 | L | | | S | Lakewood (Denver) | Lookout Mt. | CPR Classical |
| 88.5 | KGNU-FM | C2 | M | | DA | S/M | Boulder | Firestone, CO | Open-access |
| 88.7 | KCME | C1 | F | | | | Manitou Springs | Cheyenne Mt. | Classical |
| 88.9 | K205FV | D | M | | DA | S | | Lookout Mt. | EMF Air1, CCM worship |
| 89.3 | KUVO | C1 | L | HD | DA | S | Denver | Mt. Morrison | Jazz (+NPR news some hrs) |
| 89.7 | KXGR | C0 | M | | | S | Loveland | Buckhorn Mt. | Grace FM (Christian) |
| 90.1 | KCFR | C1 | L | HD | | M | Denver | Lookout Mt. | CPR News (NPR) |
| 90.5 | K213EG | D | F | | | S | Littleton | Lookout Mt. | //KTLF "The Light", CCM |
| 90.7 | K214FJ | D | F | | | S | Golden | North Table Mt. Park | //KRKY "K-Rocky", music |
| 91.1 | KLDV | C0 | L | HD | | S | Morrison | Mt. Morrison | EMF K-Love, CCM |
| 91.5 | KUNC | C1 | L/M | | | M | Greeley | Buckhorn Mt. | KUNC (NPR) |
| 91.7 | K219LF | D | M | | DA | M | Idaho Springs | Lookout Mt. | //KUNC |
| 92.1 | KJMN | C2 | L | HD | | S | Castle Rock | Roxborough State Park | La Suavecita |
| 92.5 | KKSE-FM | C2 | L | | DA | M | Broomfield | Eldorado Mt. (west of Broomfield) | |
| 92.9 | K225BS | D | M | | DA | S | Denver | N of downtown Denver | //KVCU 1190, college radio |
| 93.3 | KTCL | C1 | L | HD | DA | S | Wheat Ridge | Lookout Mt. | Channel 93.3, alternative |
| 93.7 | K229BS | D | M | | DA | M | Lakewood (Denver) | Lookout Mt. | //KDFD 760 "Freedom" |
| 93.9 | KETO-LP | D | M | | | S | Aurora | Near Del Mar Circle, Aurora | Ethiopian, etc. |
| 94.1 | K231BQ | D | M | | DA | M | Denver | Lookout Mt. | //KOA 850 |
| 94.3 | KILO | C | F | | | | Colorado Springs | Cheyenne Mt. | Rock |
| 94.7 | KRKS-FM | C | L | | DA | S | Lafayette (Boulder) | NW of Boulder | Religious (preaching) |
| 95.1 | K236CQ | D | M | | DA | S | Commerce City | NE of Commerce City | //KLTT 670, preaching |
| 95.1 | KATC | C | F | | | | Colorado Springs | Cheyenne Mt. | Cat Country 95.1 |
| 95.3 | K237GG | D | L/M | | DA | S | Denver | Lookout Mt. | //KLZV 810 "Legends 95.3" |
| 95.7 | KDHT | C0 | L | HD | DA | S | Denver | Lookout Mt. | Hits 95.7, CHR |
| 96.1 | KSME | C1 | F | | | | Greeley | East of Wellington | Kiss FM |
| 96.5 | KXPK | C | L | | | S | Evergreen (Denver) | Mestaa'ehehe Mt. (S of Idaho Spgs) | La Tricolor |
| 96.9 | KCCY | C | F | | | | Pueblo | Cheyenne Mt. | "Y96.9", country |
| 97.3 | KBCO | C | L | HD | DA | S | Boulder | Eldorado Mt. (west of Broomfield) | AAA |
| 97.7 | K249EX | D | M | | DA | S | Denver | Lookout Mt. | //KBNO 1280 (español) |
| 97.9 | KXBG | C1 | M/F | | | S | Cheyenne, WY | Red Mt. Open Space | Fort Collins, country |
| 98.1 | K251CV | D | M | | DA | M | Golden | Lookout Mt. | //KCRN 1120 (Catholic) |
| 98.1 | KKFM | C | F | | | | Colorado Springs | Cheyenne Mt. | Classic rock |
| 98.5 | KYGO | C0 | L | HD | DA | S | Denver | Mt. Morrison | Country |
| 98.9 | KKMG | C | F | | | | Colorado Springs | Cheyenne Mt. | Magic FM, AC |
| 99.1 | K256CT | D | M | | DA | S/M | Denver | Lookout Mt. (note 4) | //KGNU-FM 88.5 |
| 99.5 | KQMT | C | L | HD | DA | S | Denver | Lookout Mt. | The Mountain, AOR |
| 99.9 | KVUU | C | F | | | | Pueblo | Cheyenne Mt. | "My 99.9", CHR |
| 100.3 | KIMN | C0 | L | HD | DA | S | Denver | Mt. Morrison | Mix 100, AC |
| 100.7 | K264BO | D | M | | DA | S | Denver | Lookout Mt. | //KLZ 560 |
| 100.7 | KGFT | C | F | | DA | | Pueblo | Cheyenne Mt. | "The Word 100.7", preaching |
| 100.7 | KOLT | C1 | F | | | | Cheyenne, WY | SW of Cheyenne, WY | Kolt FM, country |
| 101.1 | KOSI | C0 | L | HD | DA | S | Denver | Mt. Morrison | AC |
| 101.5 | KSRC | C* | L | | B | S | Watkins | Booster: Parker Rd. @ Evans Ave. | Star 101.5, CCM |
| 101.9 | KXWA | C3 | L | | | S | Centennial | Roxborough State Park | Way FM, CCM |
| 102.3 | KVOQ | A | L | | DA | S | Greenwood Village | Lookout Mt. | CPR "Indie 102.3", AAA |
| 102.5 | KTRR | C2 | F | | | | Loveland | W of Pierce (Weld Co.) | |
| 102.7 | K274DF | D | M | | | S | Denver | Westminster | //KPOF 910 |
| 102.9 | KARS | C1 | F | | | | Laramie, WY | NW of Red Feather Lakes (in Colorado) | |
| 103.1 | K276FK | D | M | | | S | Denver | Lookout Mt. | Front Range Country |
| 103.5 | KRFX | C0 | L | HD | DA | S | Denver | Lookout Mt. | The Fox, classic rock |

Comparisons of FM Reception - February 24, 2025

| | | | | | | | | | |
|--|--|----|-----|----|----|---|------------------|---------------------------------------|--------------------------|
| 103.9 | K280GB | D | M | | DA | S | Pleasant View | Lookout Mt. | EMF Air1, CCM worship |
| 104.3 | KKFN | C1 | L | HD | | M | Longmont | Green Mt. (Lakewood) | The Fan, sports |
| 104.7 | K284CI | D | M/L | | DA | S | Denver | Lookout Mt. | The Drop, hip-hop |
| 105.1 | KXKL | C0 | L | HD | DA | S | Denver | Mt. Morrison | Cool 105.1, classic hits |
| 105.5 | KJAC | C1 | L/M | | DA | S | Timnath (note 5) | Buckhorn Mt. | The Colorado Sound, AAA |
| 105.9 | KALC | C | L | HD | | S | Denver | Lookout Mt. | “Alice” |
| 106.3 | K292FM | D | L/M | | DA | S | Denver | Lookout Mt. | The Light, CCM (note 6) |
| 106.7 | KWBL | C0 | L | HD | | S | Denver | Lookout Mt. | The Bull, country |
| 107.1 | KFCO | C* | L | | B | S | Bennett | Booster: Parker Rd. @ Evans Ave. | “Flo”, Christian hip-hop |
| 107.5 | KXKS | C | L | HD | | S | Lakewood | Green Mt. (Lakewood) | “KS 107.5”, rhythmic CHR |
| 107.9 | K300CP | D | L | | DA | S | Denver | 18 th & California, Denver | //KBPI 107.9 (note 7) |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Notes: | | | | | | | | | |
| Headings: | | | | | | | | | |
| [1] | Quality: L = Local; M = Marginal; F = Fringe (Faint) | | | | | | | | |
| [2] | DA: also used for “B” where a booster is involved (KSRC, KFCO) | | | | | | | | |
| [3] | Mode: S = Stereo; M = always in mono; S/M = sometimes in stereo | | | | | | | | |
| Individual Stations: | | | | | | | | | |
| [4] | CP to move to 88.5 (as K203FQ), site at Republic Plaza, 17 th & Tremont Place, Denver | | | | | | | | |
| [5] | The Qodosen DX-286 can’t get KJAC in stereo even at a signal strength sufficient for other stations to do so | | | | | | | | |
| [6] | Relays KTLF Colorado Springs via KQMT-HD2 in Denver | | | | | | | | |
| [7] | On the same channel as its parent station in Fort Collins, relayed via KDHT-HD2 in Denver | | | | | | | | |
| General: | * For boosters, the Class shown is of the originating station. | | | | | | | | |
| | | | | | | | | | |
| Radio Models: | | | | | | | | | |
| DX-286 | Qodosen DX-286 | | | | | | | | |
| RD-239 | Lijiani RD-239 | | | | | | | | |
| PL-320 | Tecsun PL-320 | | | | | | | | |
| PL-380 | Tecsun PL-380 | | | | | | | | |
| D-109WB | XHDATA D-109WB | | | | | | | | |
| | | | | | | | | | |
| Scoring Scale | | | | | | | | | |
| 0.5 | Trace of a signal detected but difficult to hear | | | | | | | | |
| 1 | Very noisy but readable | | | | | | | | |
| 2 | A little less noisy | | | | | | | | |
| 3 | Readable with some noise | | | | | | | | |
| 4 | A small amount of noise, otherwise strong | | | | | | | | |
| 5 | Quiet, strong local signal | | | | | | | | |
| Note: | | | | | | | | | |
| A radio receiving a station broadcasting in stereo must receive it | | | | | | | | | |
| in stereo; otherwise, its maximum score will be 3. (Also see Note 5 above) | | | | | | | | | |

Comparisons of FM Reception - February 24, 2025

| Frequency | DX-286 | RD-239 | PL-320 | PL-380 | D-109WB | |
|-----------|--------|--------|--------|--------|---------|--|
| 88.1 | 5 | 4 | 5 | 5 | 5 | |
| 88.5 | 3 | 1 | 2 | 2 | 1 | |
| 88.7 | 0.5 | 0 | 0 | 0 | 0 | |
| 88.9 | 3 | 1 | 1 | 1 | 1 | |
| 89.3 | 5 | 5 | 5 | 5 | 5 | |
| 89.7 | 4 | 1 | 4 | 3 | 4 | |
| 90.1 | 5 | 5 | 5 | 5 | 5 | |
| 90.5 | 0.5 | 0 | 0 | 0 | 0 | |
| 90.7 | 1 | 0 | 1 | 0.5 | 0.5 | |
| 91.1 | 5 | 5 | 5 | 5 | 5 | |
| 91.5 | 5 | 1 | 4 | 5 | 5 | |
| 91.7 | 4 | 0 | 1 | 1 | 2 | |
| 92.1 | 5 | 2 | 5 | 5 | 5 | |
| 92.5 | 5 | 5 | 5 | 5 | 5 | |
| 92.9 | 4 | 1 | 3 | 3 | 3 | |
| 93.3 | 5 | 5 | 5 | 5 | 5 | |
| 93.7 | 5 | 2 | 5 | 4 | 5 | |
| 93.9 | 3 | 1 | 4 | 3 | 3 | |
| 94.1 | 5 | 1 | 5 | 5 | 5 | |
| 94.3 | 0.5 | 0 | 0.5 | 0.5 | 0.5 | |
| 94.7 | 5 | 4 | 5 | 4 | 5 | |
| 95.1 | | | | | 0.5 | |
| 95.1 | 1 | 0 | 0.5 | 0.5 | 0.5 | |
| 95.3 | 4 | 1 | 3 | 3 | 3 | |
| 95.7 | 5 | 4 | 5 | 5 | 5 | |
| 96.1 | 2 | 1 | 1 | 1 | 2 | |
| 96.5 | 5 | 5 | 5 | 5 | 5 | |
| 96.9 | 2 | 0 | 1 | 1 | 1 | |
| 97.3 | 5 | 5 | 5 | 5 | 5 | |
| 97.7 | 5 | 0 | 5 | 4 | 5 | |
| 97.9 | 3 | 0 | 3 | 3 | 2 | |
| 98.1 | 4 | 3 | 4 | 3 | 3 | |
| 98.1 | | | | | | |
| 98.5 | 5 | 5 | 5 | 5 | 5 | |
| 98.9 | 0.5 | 0 | 0.5 | 0.5 | 0.5 | |
| 99.1 | 3 | 1 | 1 | 1 | 2 | |
| 99.5 | 5 | 5 | 5 | 5 | 5 | |
| 99.9 | 1 | 0 | 1 | 0.5 | 0.5 | |
| 100.3 | 5 | 5 | 5 | 5 | 5 | |
| 100.7 | 2 | 1 | 1 | 1 | 0.5 | |
| 100.7 | | | 1 | | 0.5 | |
| 100.7 | | | | | | |
| 101.1 | 5 | 5 | 5 | 5 | 5 | |
| 101.5 | 5 | 5 | 5 | 5 | 5 | |
| 101.9 | 5 | 5 | 5 | 5 | 5 | |
| 102.3 | 5 | 3 | 5 | 4 | 4 | |
| 102.5 | | | | | | |
| 102.7 | 3 | 0 | 3 | 4 | 3 | |
| 102.9 | | | | | | |
| 103.1 | 5 | 1 | 4 | 4 | 4 | |
| 103.5 | 5 | 4 | 5 | 5 | 5 | |

Comparisons of FM Reception - February 24, 2025

| | | | | | |
|---|-----|-------|-------|-------|-----|
| 103.9 | 4 | 2 | 4 | 3 | 4 |
| 104.3 | 5 | 5 | 5 | 5 | 5 |
| 104.7 | 5 | 3 | 5 | 5 | 5 |
| 105.1 | 5 | 5 | 5 | 5 | 5 |
| 105.5 | 3 | 0.5 | 4 | 4 | 3 |
| 105.9 | 5 | 4 | 5 | 5 | 5 |
| 106.3 | 4 | 0 | 4 | 4 | 4 |
| 106.7 | 5 | 5 | 5 | 5 | 5 |
| 107.1 | 5 | 5 | 5 | 5 | 5 |
| 107.5 | 5 | 5 | 5 | 5 | 5 |
| 107.9 | 5 | 4 | 5 | 5 | 5 |
| Total | 220 | 141.5 | 206.5 | 198.5 | 203 |
| Average | 3.9 | 2.5 | 3.6 | 3.5 | 3.5 |
| SD | 1.5 | 2.1 | 1.8 | 1.8 | 1.8 |
| “Total” margin of error ± 3 | | | | | |
| A lower average may be better, indicating that the unit is picking up more faint signals. On the other hand, a lower average may also indicate that the unit is not picking up some stations as well as other units are doing. Ultimately, the “average” may all. | | | | | |
| Observed variability in signal evaluation may have several causes: | | | | | |
| 1. Changes in atmospheric conditions from minute to minute, especially for fringe signals. | | | | | |
| 2. Changes in antenna orientation. I could be more consistent about this. | | | | | |
| 3. Perception: ultimately I’m attaching a number to an opinion, which tries to convert a qualitative approach into a quantitative one. Such an approach is not perfect. Lacking more sophisticated equipment for measurement, it’s the best I can do and still may have some value. | | | | | |
| Weather was warm and windy. Reception took place outdoors. | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |