

**EXHIBIT 1 – MARKET GRID STUDY**  
**PRECLUSION STUDY RUN AT THE CITY REFERENCE COORDINATES**  
**PROP. CH 298 TRANSLATOR NOYACK, NY**

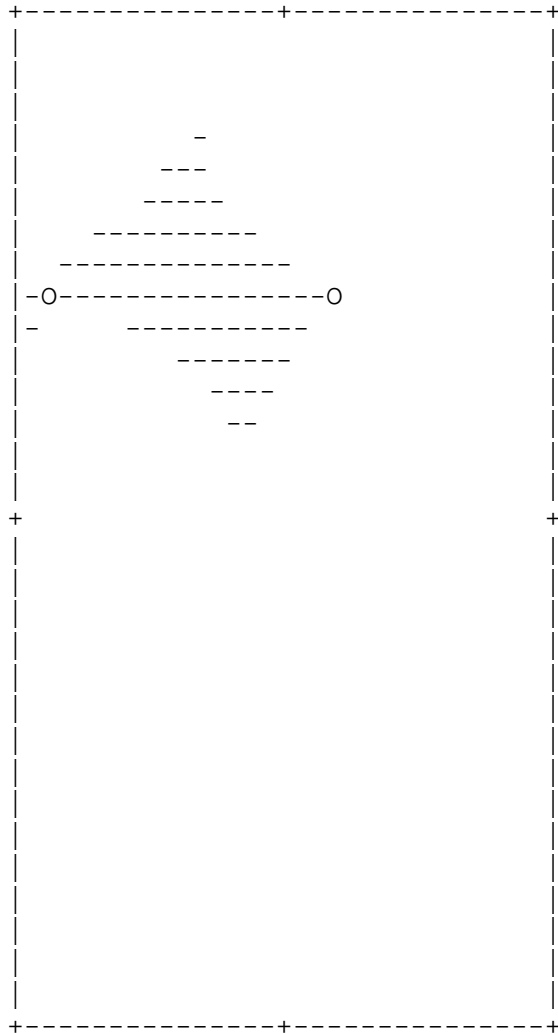
NEW HAVEN, CT GRID – MARKET #116 S/L  
Latitude 41-18-29  
Longitude 072-55-43  
Grid Size 31 x 31  
Micro FM 100 Watts at 30m HAAT  
Co-Channel and 1st Adjacent Protected  
2nd Adjacent Channel Not Protected  
3rd Adjacent Channel Not Protected  
I.F. Not Protected  
TV Channel 6 Protected  
CP Records Protected  
APP Records Protected  
FM Translators Protected  
TV Channel 6 Translators/LP Protected  
Auc83 FX App Records Not Protected

|      |       |      |       |      |       |      |       |      |       |
|------|-------|------|-------|------|-------|------|-------|------|-------|
| Chan | Avail | Chan | Avail | Chan | Avail | Chan | Avail | Chan | Avail |
| 200  | 0     | 220  | 0     | 240  | 0     | 260  | 0     | 280  | 0     |
| 201  | 0     | 221  | 77    | 241  | 124   | 261  | 0     | 281  | 0     |
| 202  | 0     | 222  | 0     | 242  | 0     | 262  | 0     | 282  | 0     |
| 203  | 0     | 223  | 0     | 243  | 0     | 263  | 0     | 283  | 296   |
| 204  | 0     | 224  | 0     | 244  | 0     | 264  | 0     | 284  | 0     |
| 205  | 0     | 225  | 19    | 245  | 484   | 265  | 4     | 285  | 0     |
| 206  | 0     | 226  | 0     | 246  | 103   | 266  | 0     | 286  | 0     |
| 207  | 0     | 227  | 127   | 247  | 0     | 267  | 0     | 287  | 104   |
| 208  | 0     | 228  | 0     | 248  | 0     | 268  | 0     | 288  | 0     |
| 209  | 0     | 229  | 0     | 249  | 0     | 269  | 82    | 289  | 0     |
| 210  | 0     | 230  | 0     | 250  | 30    | 270  | 0     | 290  | 0     |
| 211  | 0     | 231  | 0     | 251  | 129   | 271  | 12    | 291  | 0     |
| 212  | 0     | 232  | 0     | 252  | 0     | 272  | 0     | 292  | 0     |
| 213  | 0     | 233  | 0     | 253  | 0     | 273  | 384   | 293  | 0     |
| 214  | 0     | 234  | 28    | 254  | 143   | 274  | 0     | 294  | 0     |
| 215  | 0     | 235  | 0     | 255  | 0     | 275  | 0     | 295  | 0     |
| 216  | 0     | 236  | 0     | 256  | 0     | 276  | 0     | 296  | 0     |
| 217  | 0     | 237  | 0     | 257  | 0     | 277  | 537   | 297  | 243   |
| 218  | 0     | 238  | 0     | 258  | 434   | 278  | 311   | 298  | 434   |
| 219  | 0     | 239  | 0     | 259  | 0     | 279  | 195   | 299  | 0     |
|      |       |      |       |      |       |      |       | 300  | 0     |

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Total 4300

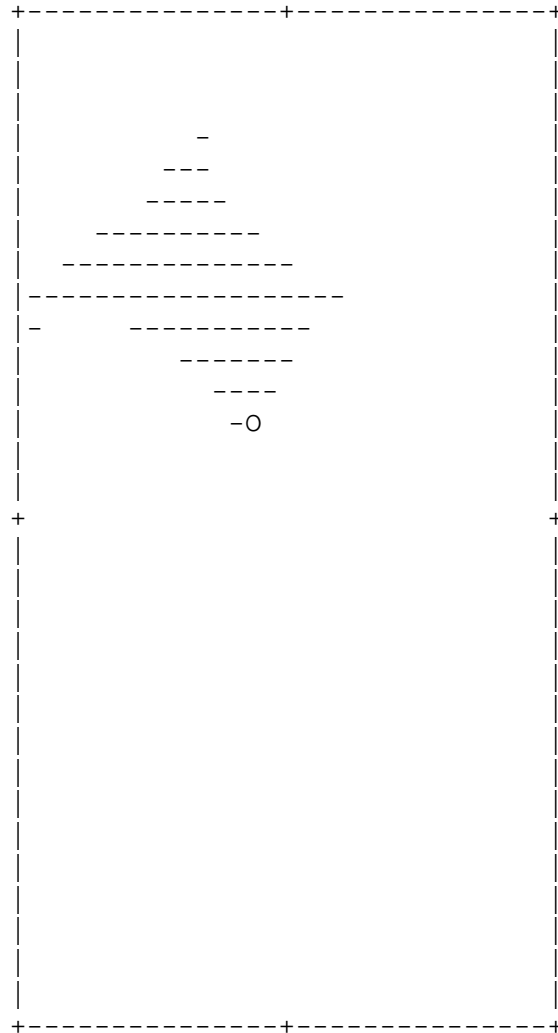
Total allotments, least preclusive spacing: 52  
Total allotments, most preclusive spacing: 39

NEW HAVEN, CT GRID  
 Latitude 41-18-29  
 Longitude 072-55-43  
 Least preclusive siting  
 Availability of Channel 221 (X)



Point #395 at 41-25-29 072-52-43  
 Point #922 at 41-25-29 073-09-43

NEW HAVEN, CT GRID  
 Latitude 41-18-29  
 Longitude 072-55-43  
 Most preclusive siting  
 Availability of Channel 221 (X)



Point #546 at 41-21-29 072-57-43

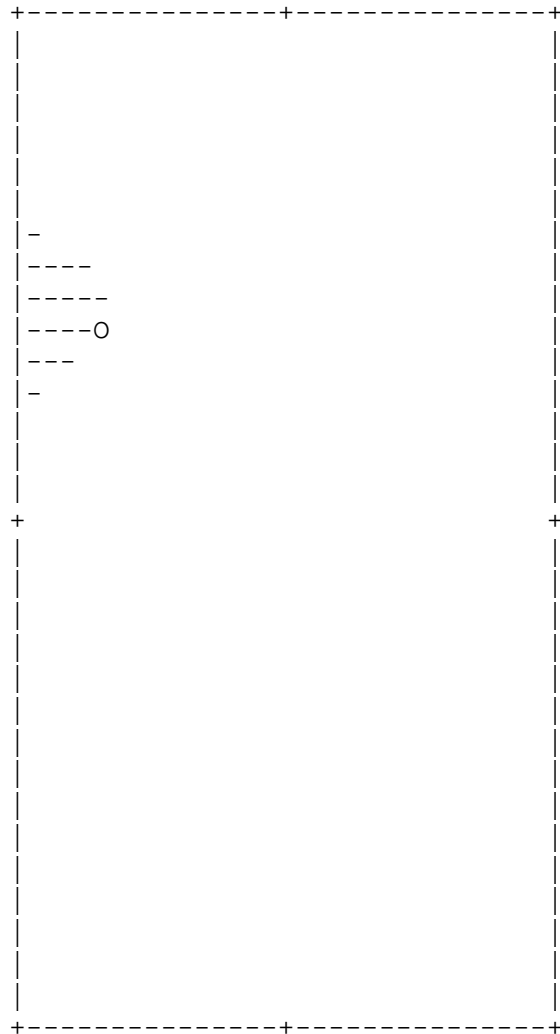
NEW HAVEN, CT GRID

Latitude 41-18-29

Longitude 072-55-43

Least preclusive siting

Availability of Channel 225 (X)



Point #828 at 41-24-29 073-06-43

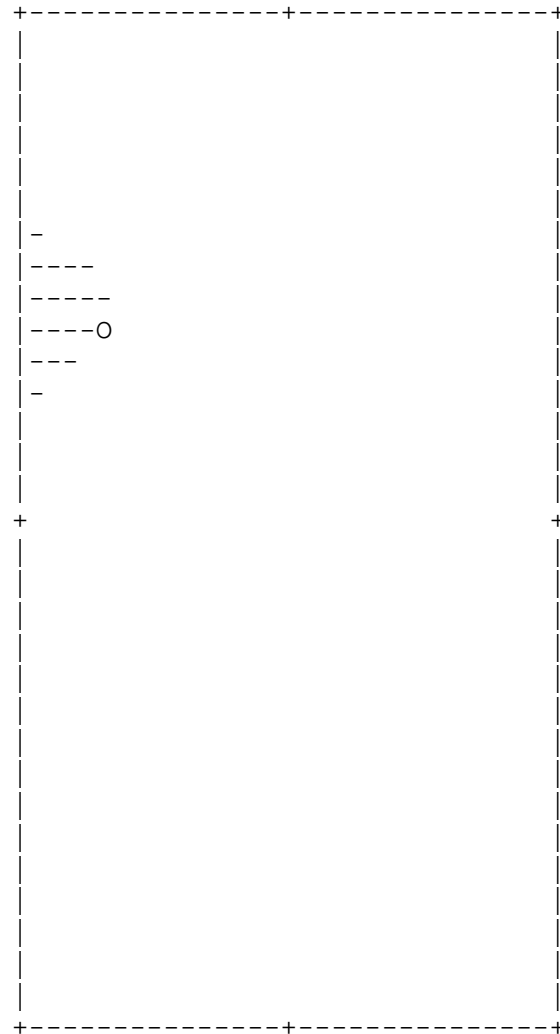
NEW HAVEN, CT GRID

Latitude 41-18-29

Longitude 072-55-43

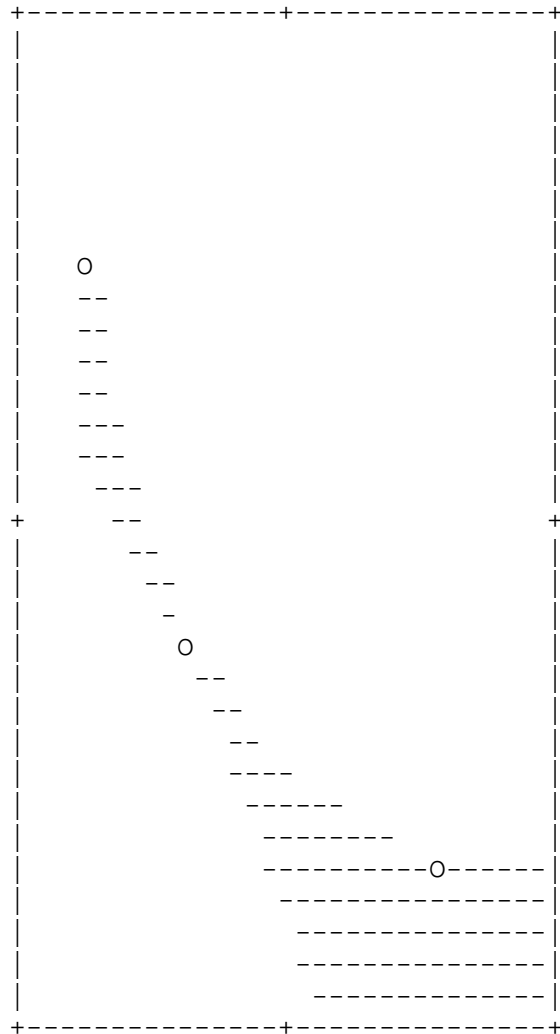
Most preclusive siting

Availability of Channel 225 (X)



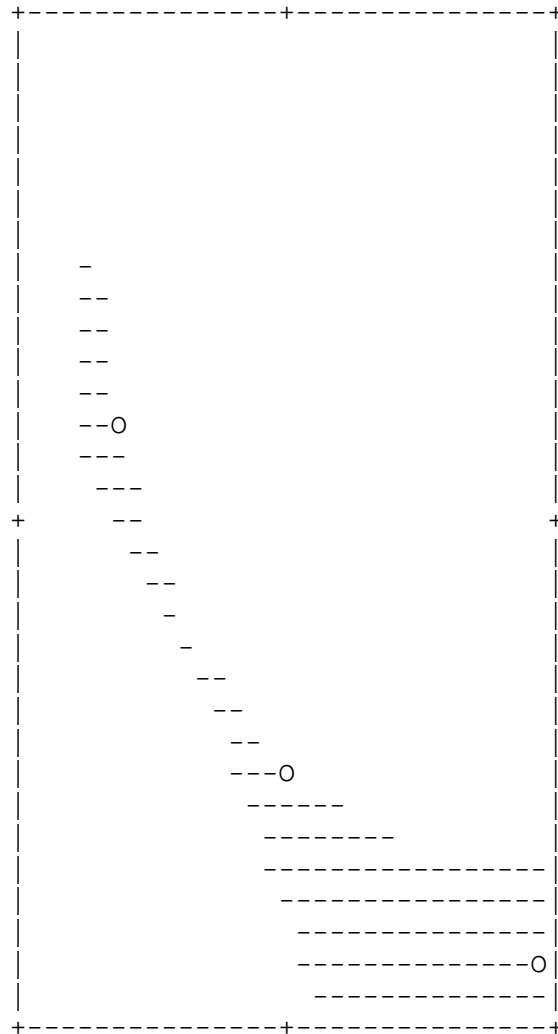
Point #828 at 41-24-29 073-06-43

NEW HAVEN, CT GRID  
 Latitude 41-18-29  
 Longitude 072-55-43  
 Least preclusive siting  
 Availability of Channel 227 (X)



Point #861 at 41-26-29 073-07-43  
 Point #663 at 41-14-29 073-01-43  
 Point #191 at 41-07-29 072-46-43

NEW HAVEN, CT GRID  
 Latitude 41-18-29  
 Longitude 072-55-43  
 Most preclusive siting  
 Availability of Channel 227 (X)



Point #473 at 41-10-29 072-55-43  
 Point #794 at 41-21-29 073-05-43  
 Point #002 at 41-04-29 072-40-43

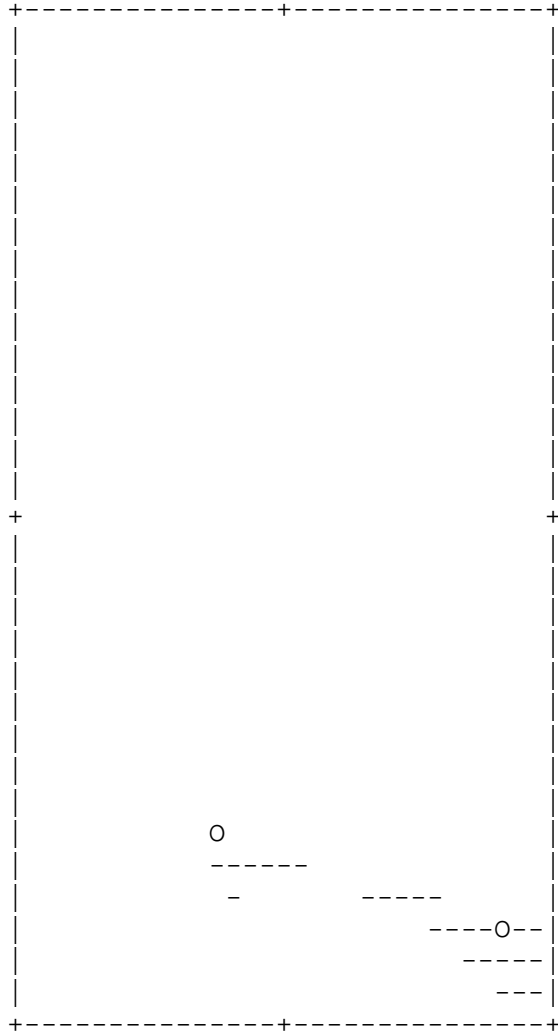
NEW HAVEN, CT GRID

Latitude 41-18-29

Longitude 072-55-43

Least preclusive siting

Availability of Channel 234 (X)



Point #595 at 41-08-29 072-59-43  
Point #065 at 41-05-29 072-42-43

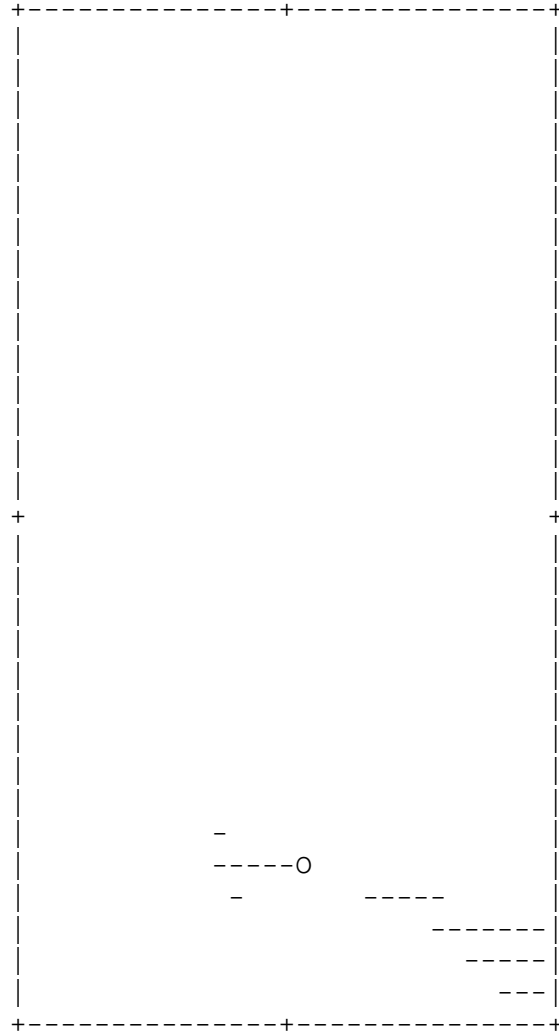
NEW HAVEN, CT GRID

Latitude 41-18-29

Longitude 072-55-43

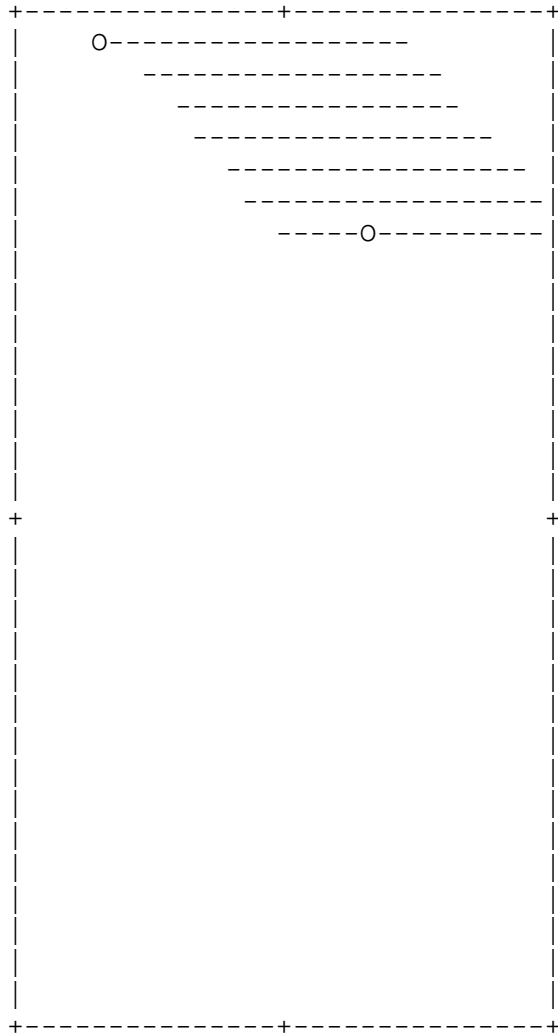
Most preclusive siting

Availability of Channel 234 (X)



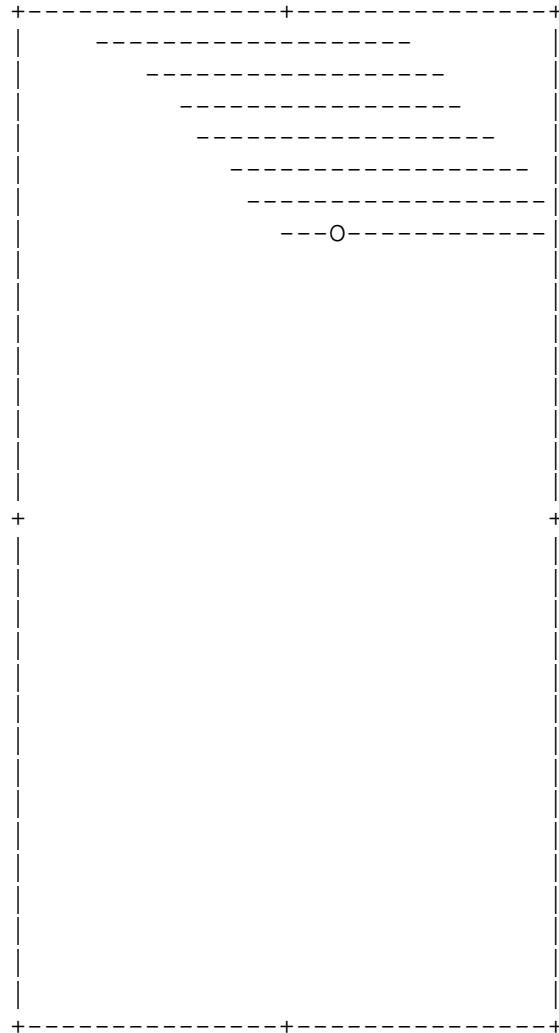
Point #439 at 41-07-29 072-54-43

NEW HAVEN, CT GRID  
Latitude 41-18-29  
Longitude 072-55-43  
Least preclusive siting  
Availability of Channel 241 (X)



Point #837 at 41-33-29 073-06-43  
Point #335 at 41-27-29 072-50-43

NEW HAVEN, CT GRID  
Latitude 41-18-29  
Longitude 072-55-43  
Most preclusive siting  
Availability of Channel 241 (X)



Point #397 at 41-27-29 072-52-43

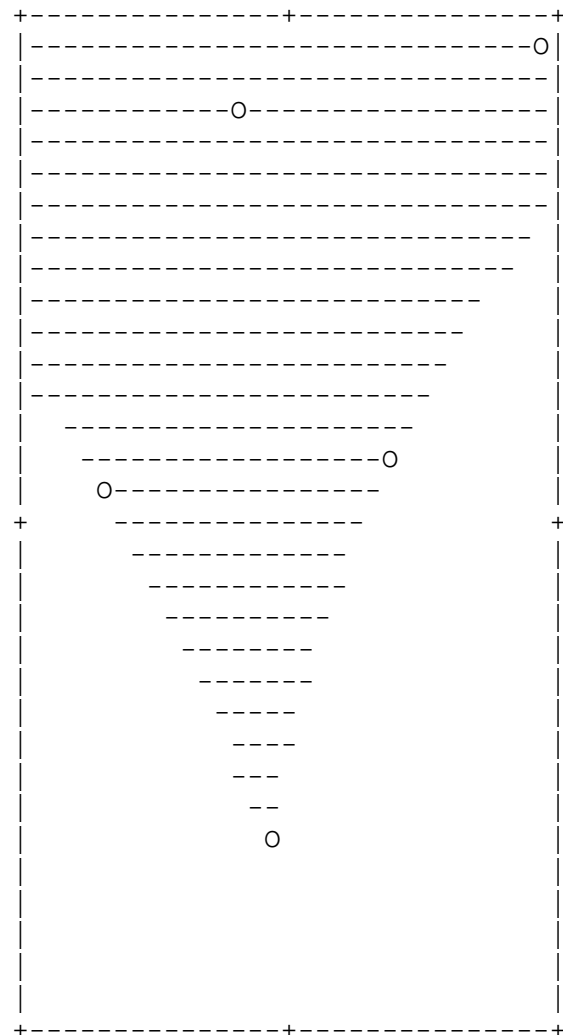
NEW HAVEN, CT GRID

Latitude 41-18-29

Longitude 072-55-43

Least preclusive siting

Availability of Channel 245 (X)



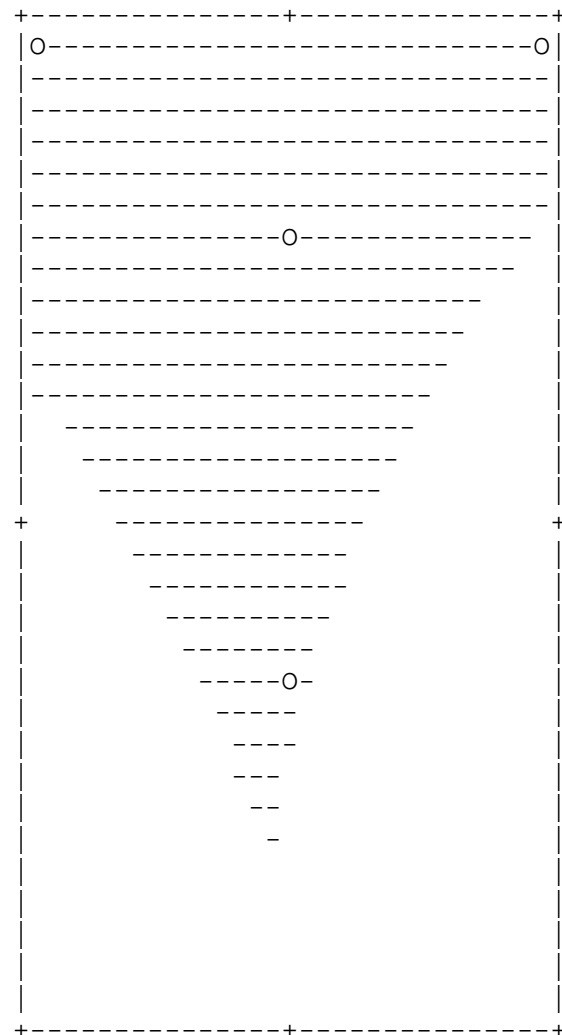
NEW HAVEN, CT GRID

Latitude 41-18-29

Longitude 072-55-43

Most preclusive siting

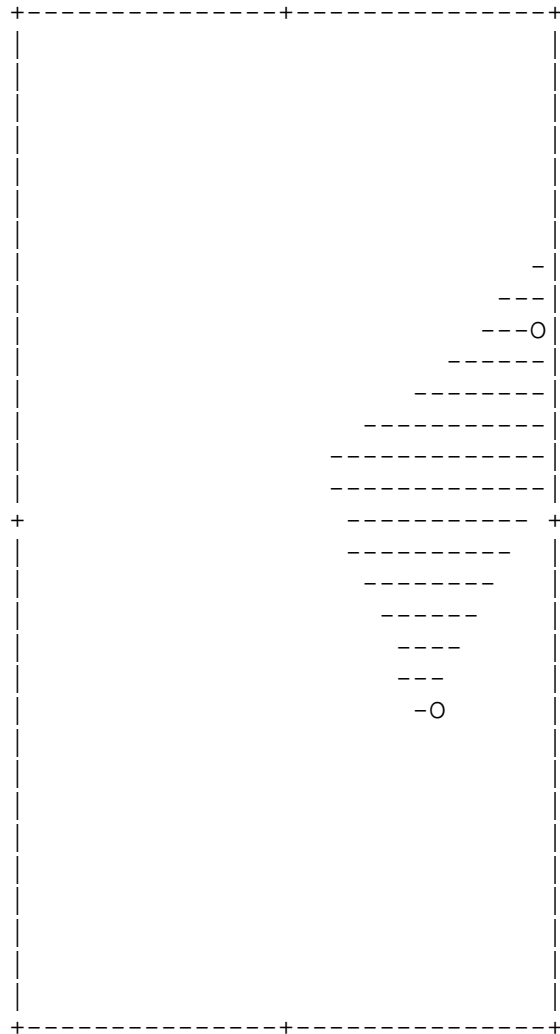
Availability of Channel 245 (X)



Point #502 at 41-08-29 072-56-43  
Point #031 at 41-33-29 072-40-43  
Point #297 at 41-20-29 072-49-43  
Point #823 at 41-19-29 073-06-43  
Point #587 at 41-31-29 072-58-43

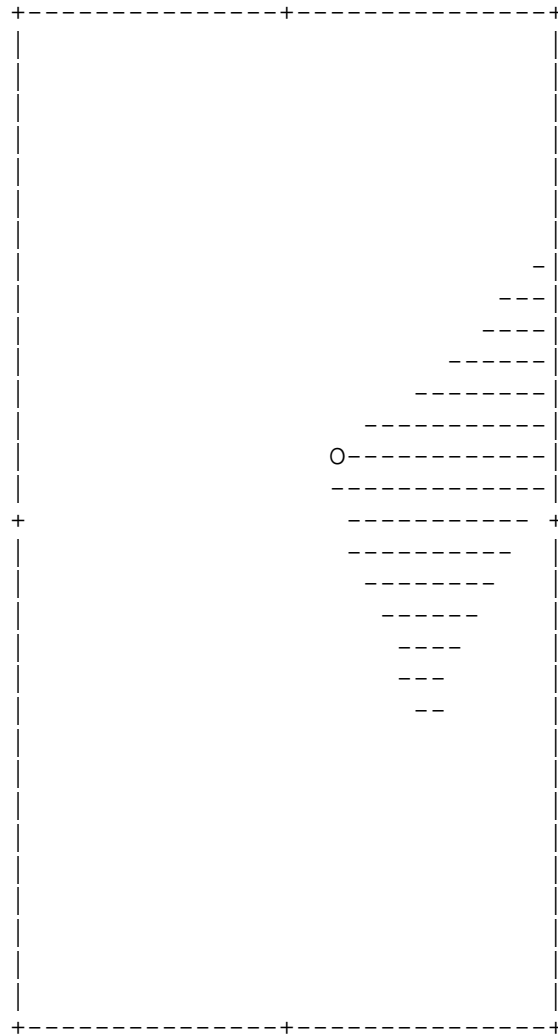
Point #490 at 41-27-29 072-55-43  
Point #476 at 41-13-29 072-55-43  
Point #031 at 41-33-29 072-40-43  
Point #961 at 41-33-29 073-10-43

NEW HAVEN, CT GRID  
 Latitude 41-18-29  
 Longitude 072-55-43  
 Least preclusive siting  
 Availability of Channel 246 (X)



Point #196 at 41-12-29 072-46-43  
 Point #022 at 41-24-29 072-40-43

NEW HAVEN, CT GRID  
 Latitude 41-18-29  
 Longitude 072-55-43  
 Most preclusive siting  
 Availability of Channel 246 (X)



Point #390 at 41-20-29 072-52-43



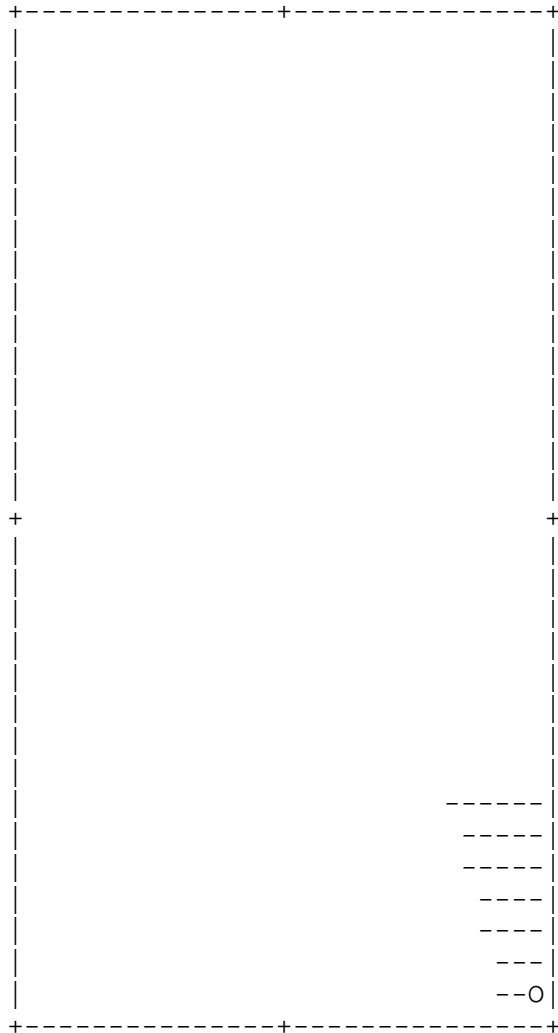
NEW HAVEN, CT GRID

Latitude 41-18-29

Longitude 072-55-43

Least preclusive siting

Availability of Channel 250 (X)



Point #001 at 41-03-29 072-40-43

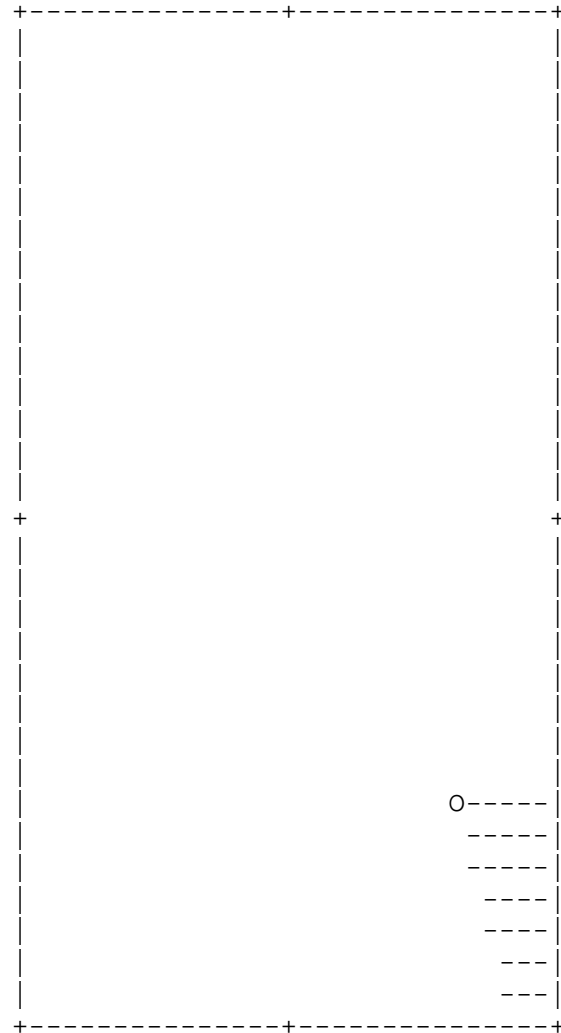
NEW HAVEN, CT GRID

Latitude 41-18-29

Longitude 072-55-43

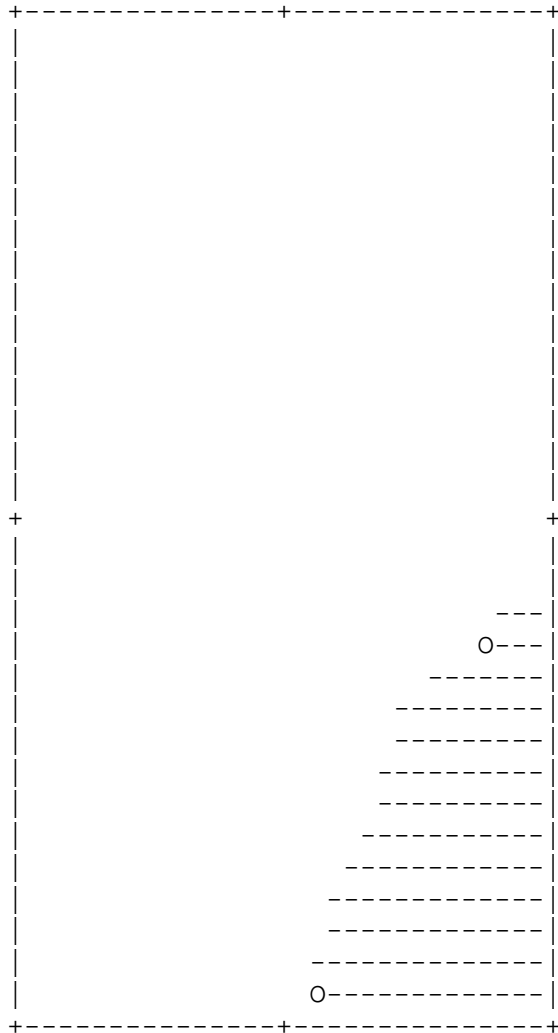
Most preclusive siting

Availability of Channel 250 (X)



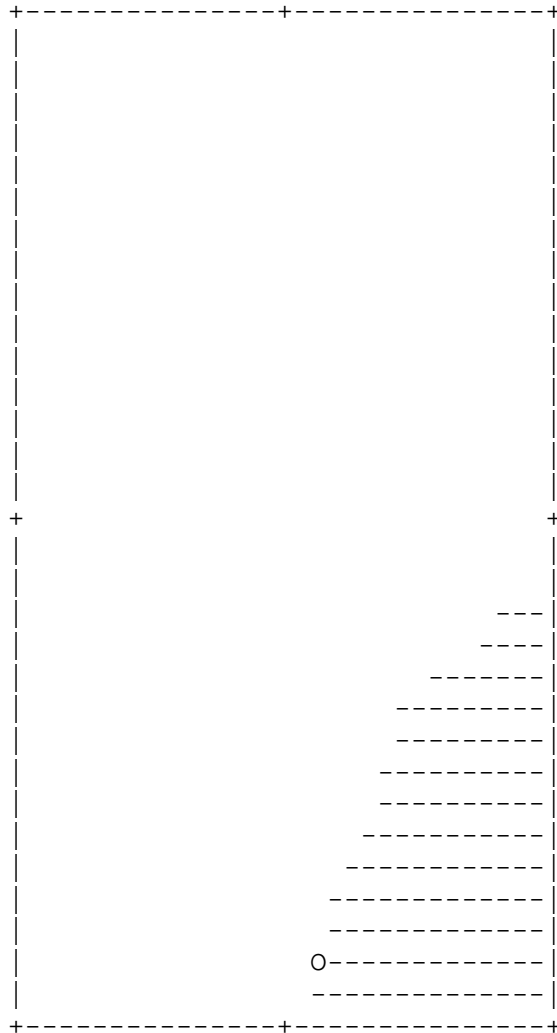
Point #162 at 41-09-29 072-45-43

NEW HAVEN, CT GRID  
 Latitude 41-18-29  
 Longitude 072-55-43  
 Least preclusive siting  
 Availability of Channel 251 (X)



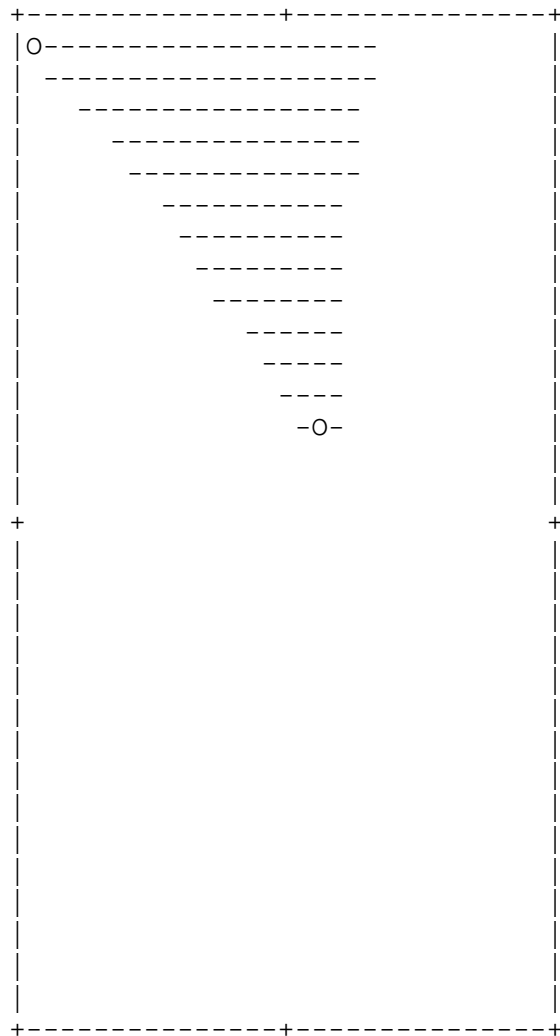
Point #404 at 41-03-29 072-53-43  
 Point #105 at 41-14-29 072-43-43

NEW HAVEN, CT GRID  
 Latitude 41-18-29  
 Longitude 072-55-43  
 Most preclusive siting  
 Availability of Channel 251 (X)



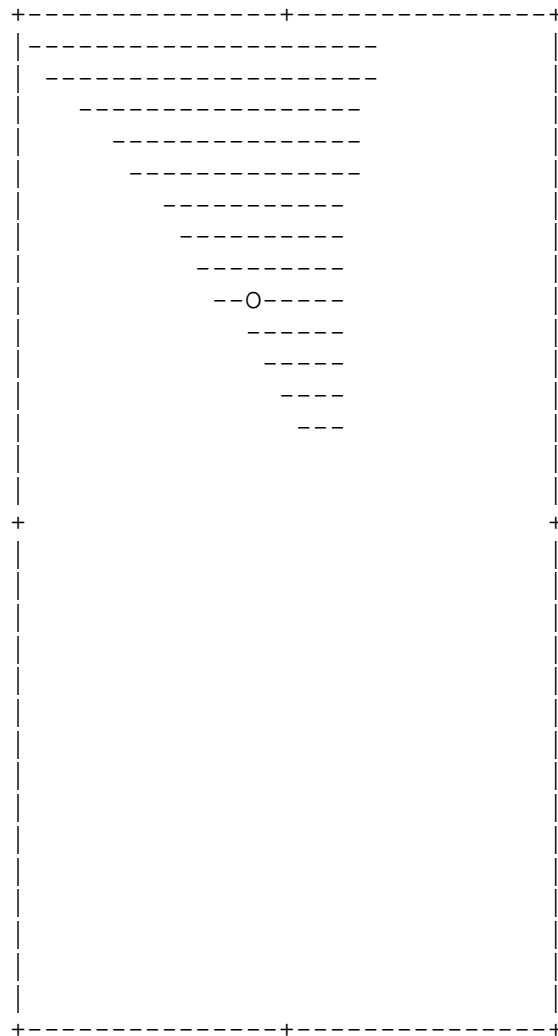
Point #405 at 41-04-29 072-53-43

NEW HAVEN, CT GRID  
 Latitude 41-18-29  
 Longitude 072-55-43  
 Least preclusive siting  
 Availability of Channel 254 (X)



Point #961 at 41-33-29 073-10-43  
 Point #422 at 41-21-29 072-53-43

NEW HAVEN, CT GRID  
 Latitude 41-18-29  
 Longitude 072-55-43  
 Most preclusive siting  
 Availability of Channel 254 (X)



Point #550 at 41-25-29 072-57-43

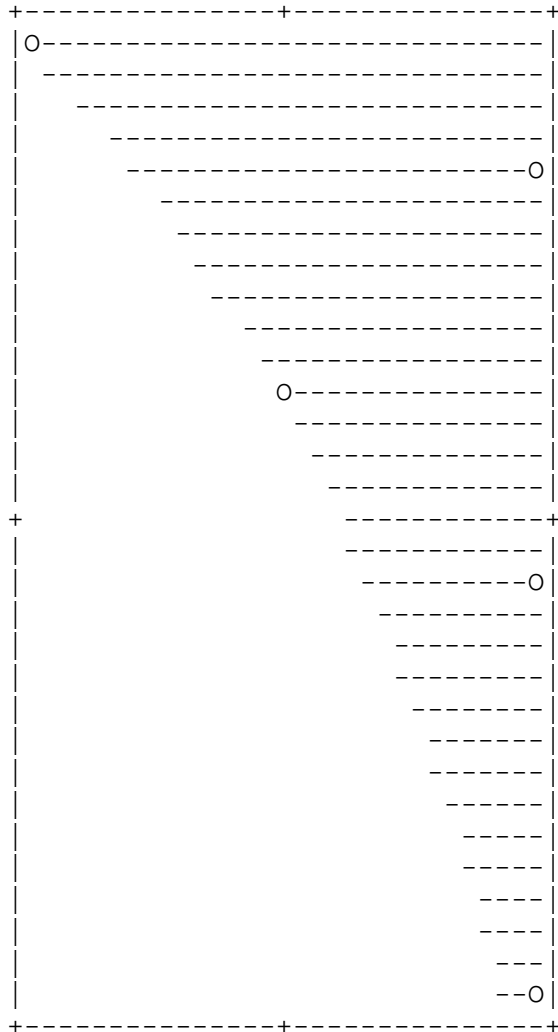
NEW HAVEN, CT GRID

Latitude 41-18-29

Longitude 072-55-43

Least preclusive siting

Availability of Channel 258 (X)



Point #001 at 41-03-29 072-40-43  
Point #961 at 41-33-29 073-10-43  
Point #014 at 41-16-29 072-40-43  
Point #485 at 41-22-29 072-55-43  
Point #027 at 41-29-29 072-40-43

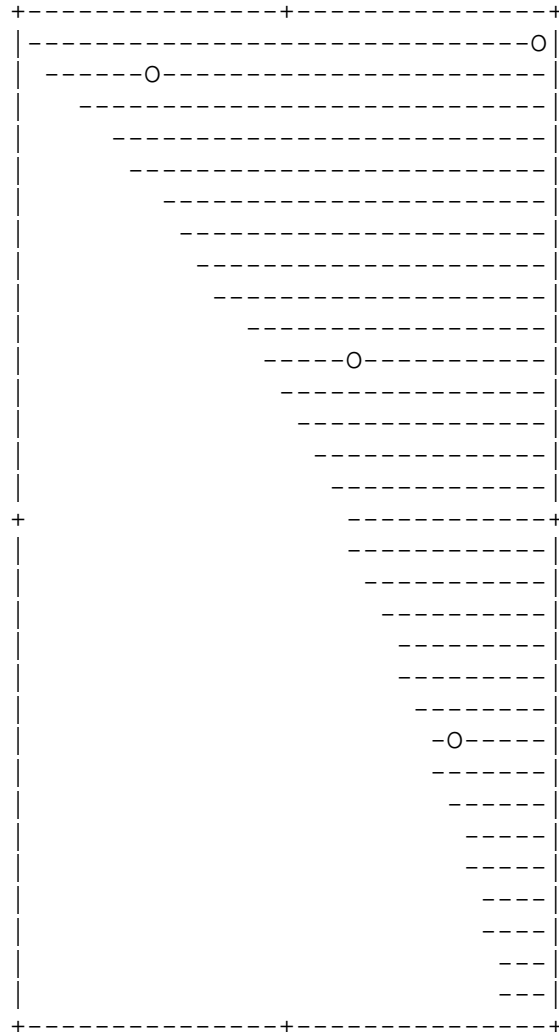
NEW HAVEN, CT GRID

Latitude 41-18-29

Longitude 072-55-43

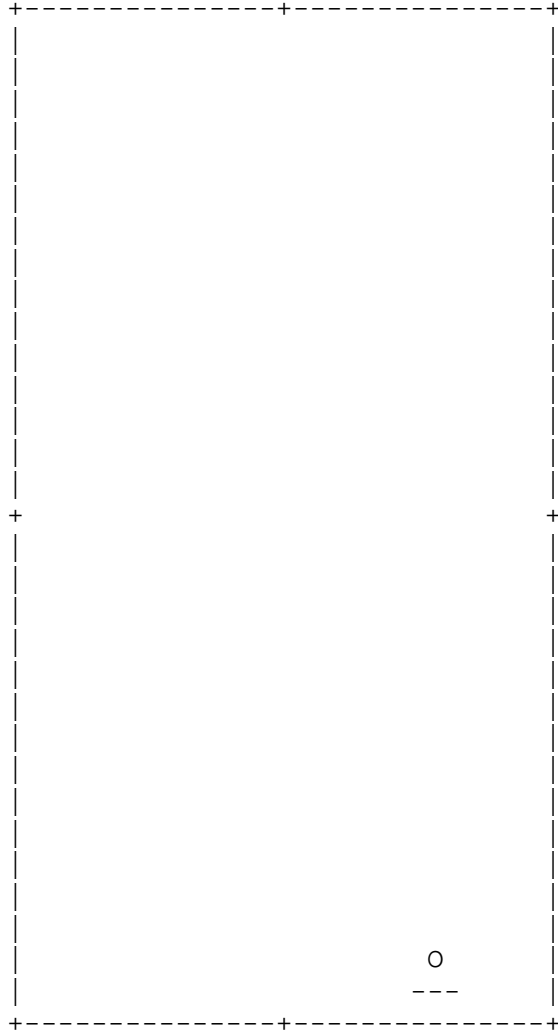
Most preclusive siting

Availability of Channel 258 (X)



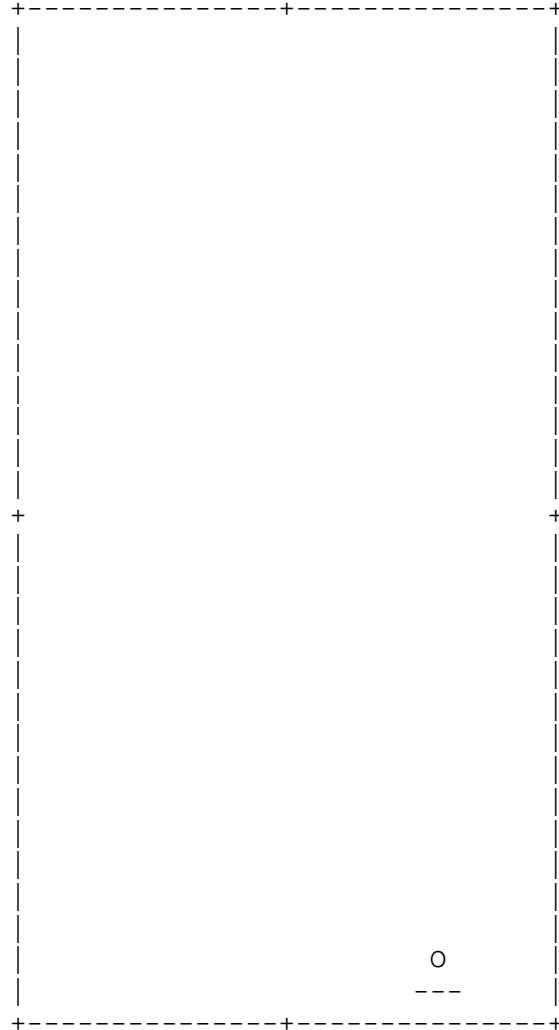
Point #362 at 41-23-29 072-51-43  
Point #164 at 41-11-29 072-45-43  
Point #743 at 41-32-29 073-03-43  
Point #031 at 41-33-29 072-40-43

NEW HAVEN, CT GRID  
Latitude 41-18-29  
Longitude 072-55-43  
Least preclusive siting  
Availability of Channel 265 (X)



Point #188 at 41-04-29 072-46-43

NEW HAVEN, CT GRID  
Latitude 41-18-29  
Longitude 072-55-43  
Most preclusive siting  
Availability of Channel 265 (X)



Point #188 at 41-04-29 072-46-43

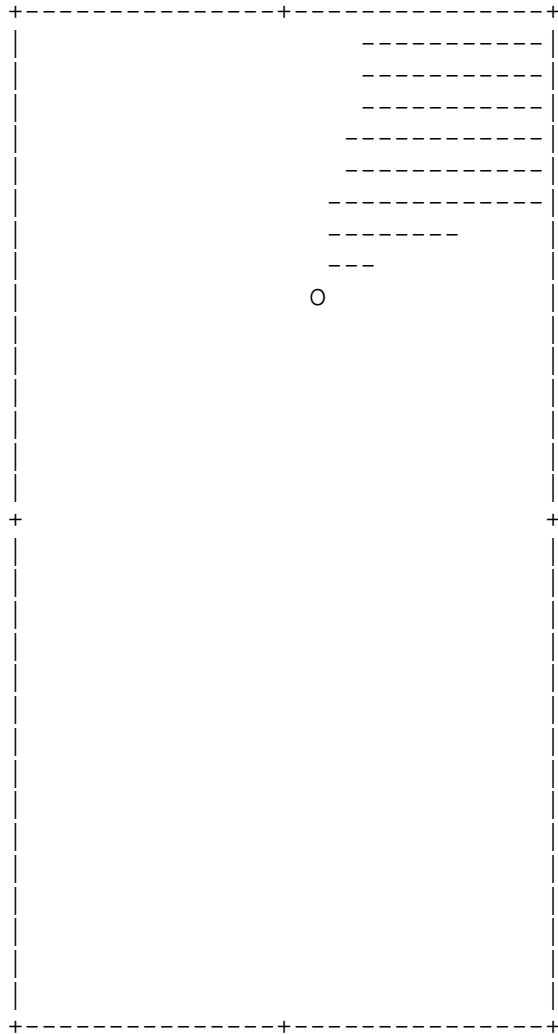
NEW HAVEN, CT GRID

Latitude 41-18-29

Longitude 072-55-43

Least preclusive siting

Availability of Channel 269 (X)



Point #426 at 41-25-29 072-53-43

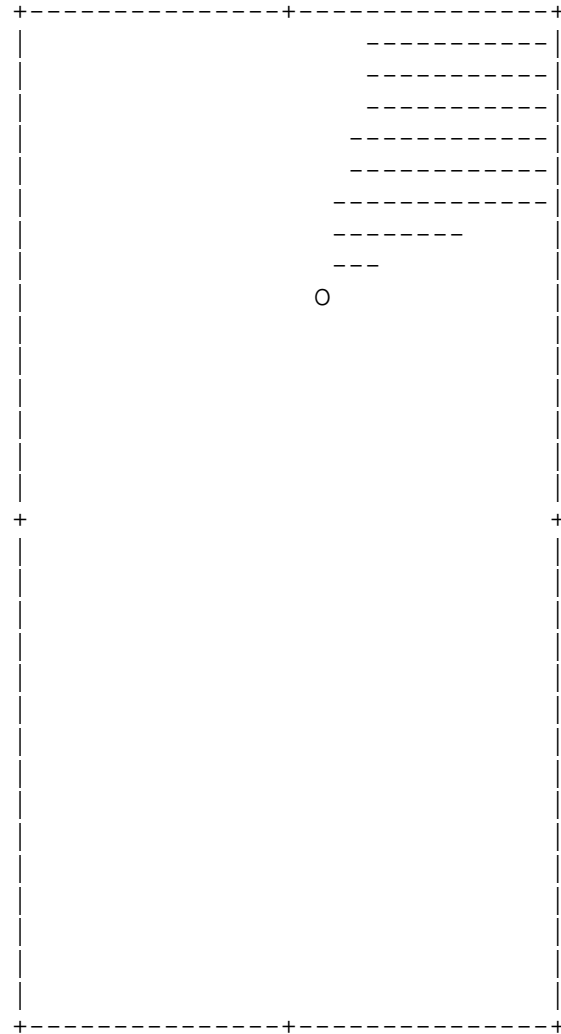
NEW HAVEN, CT GRID

Latitude 41-18-29

Longitude 072-55-43

Most preclusive siting

Availability of Channel 269 (X)



Point #426 at 41-25-29 072-53-43

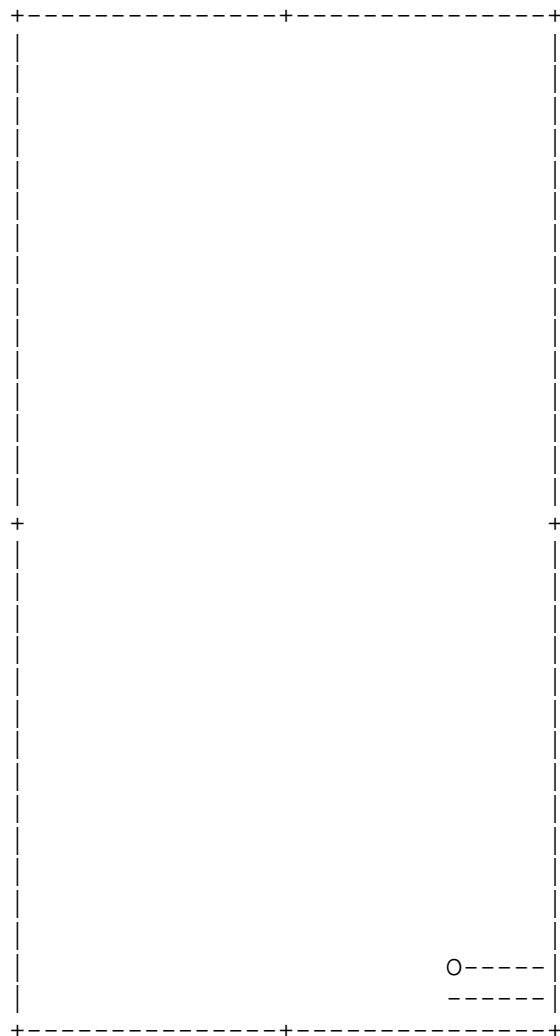
NEW HAVEN, CT GRID

Latitude 41-18-29

Longitude 072-55-43

Least preclusive siting

Availability of Channel 271 (X)



Point #157 at 41-04-29 072-45-43

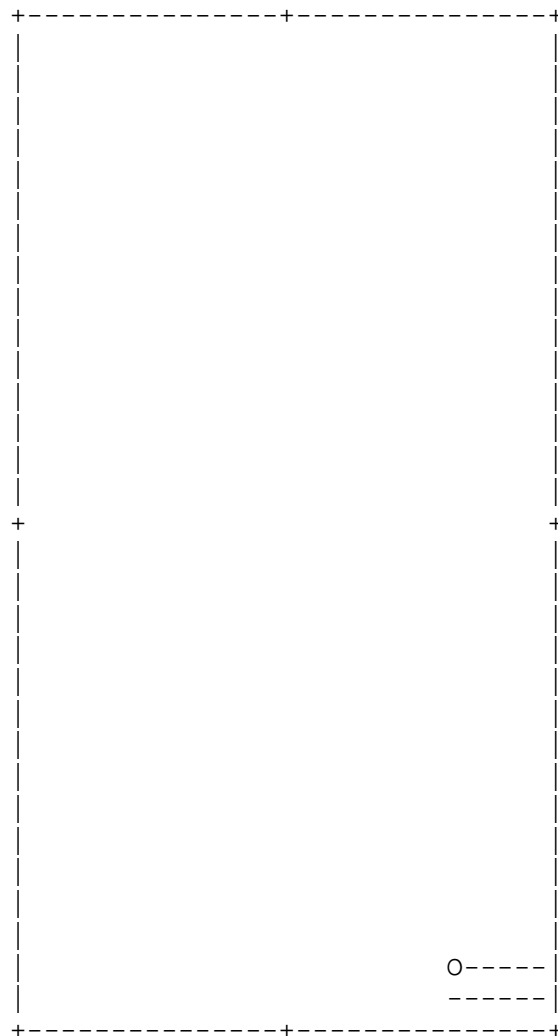
NEW HAVEN, CT GRID

Latitude 41-18-29

Longitude 072-55-43

Most preclusive siting

Availability of Channel 271 (X)



Point #157 at 41-04-29 072-45-43

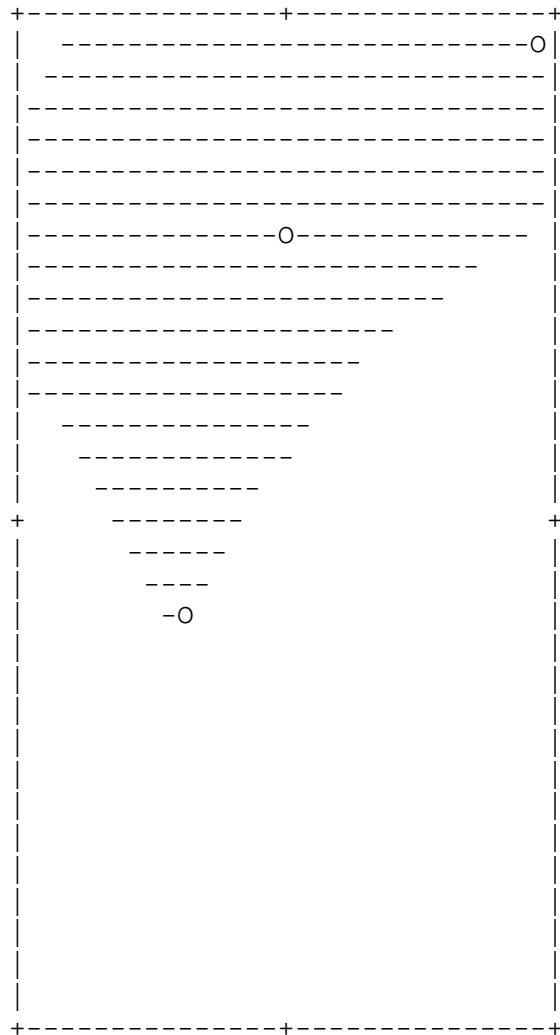
NEW HAVEN, CT GRID

Latitude 41-18-29

Longitude 072-55-43

Least preclusive siting

Availability of Channel 273 (X)



Point #031 at 41-33-29 072-40-43

Point #664 at 41-15-29 073-01-43

Point #490 at 41-27-29 072-55-43

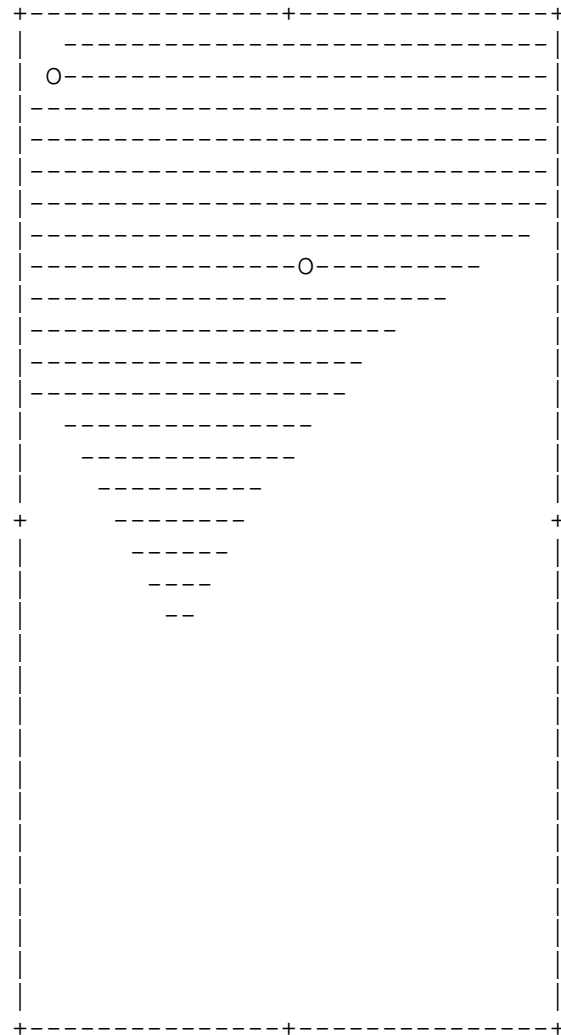
NEW HAVEN, CT GRID

Latitude 41-18-29

Longitude 072-55-43

Most preclusive siting

Availability of Channel 273 (X)



Point #458 at 41-26-29 072-54-43

Point #929 at 41-32-29 073-09-43



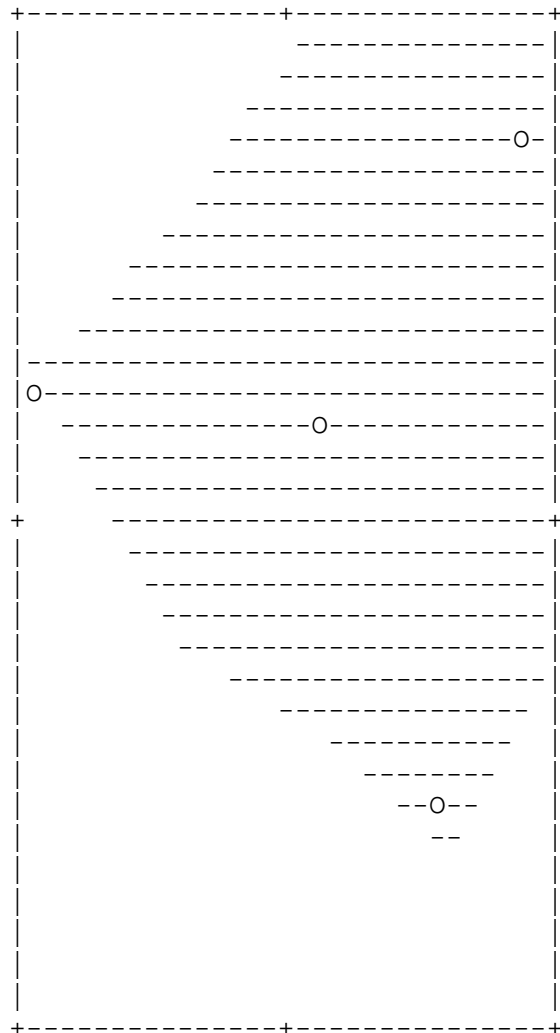
NEW HAVEN, CT GRID

Latitude 41-18-29

Longitude 072-55-43

Least preclusive siting

Availability of Channel 277 (X)



Point #193 at 41-09-29 072-46-43  
Point #950 at 41-22-29 073-10-43  
Point #422 at 41-21-29 072-53-43  
Point #059 at 41-30-29 072-41-43

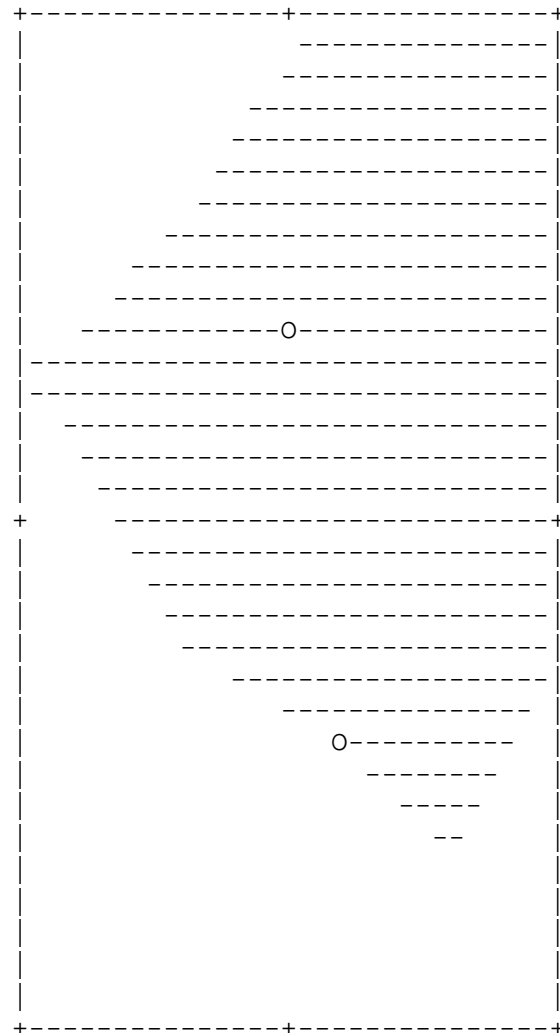
NEW HAVEN, CT GRID

Latitude 41-18-29

Longitude 072-55-43

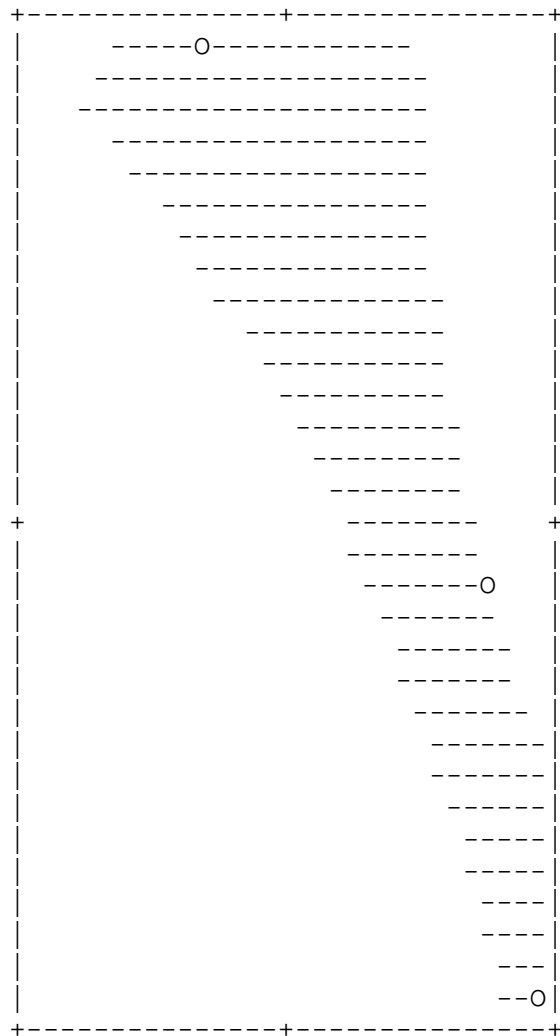
Most preclusive siting

Availability of Channel 277 (X)



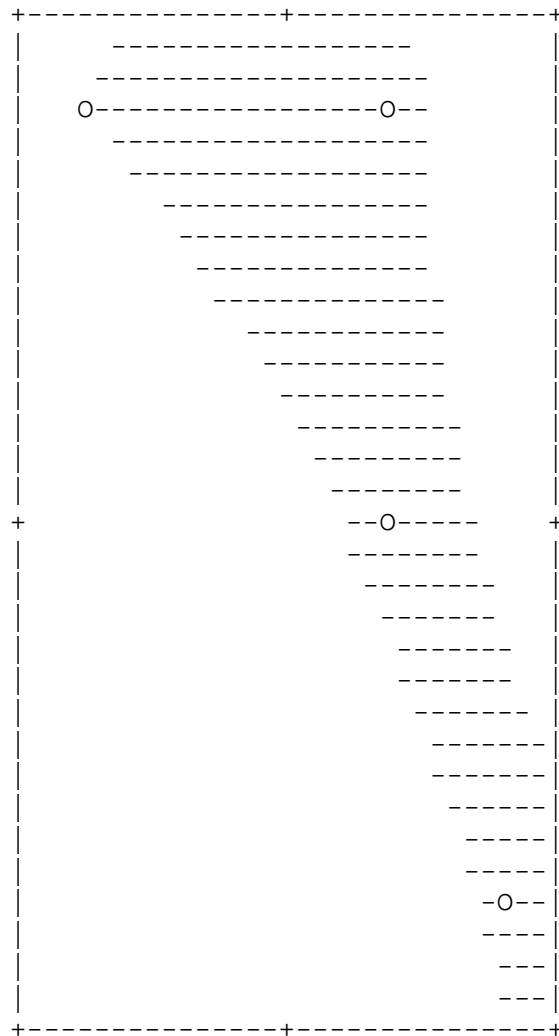
Point #487 at 41-24-29 072-55-43  
Point #381 at 41-11-29 072-52-43

NEW HAVEN, CT GRID  
 Latitude 41-18-29  
 Longitude 072-55-43  
 Least preclusive siting  
 Availability of Channel 278 (X)



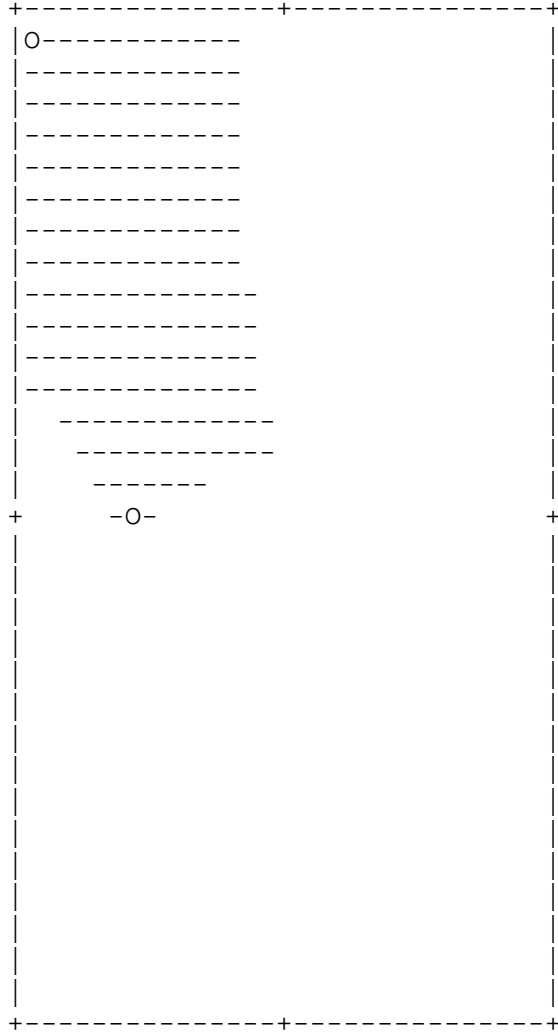
Point #001 at 41-03-29 072-40-43  
 Point #651 at 41-33-29 073-00-43  
 Point #107 at 41-16-29 072-43-43

NEW HAVEN, CT GRID  
 Latitude 41-18-29  
 Longitude 072-55-43  
 Most preclusive siting  
 Availability of Channel 278 (X)



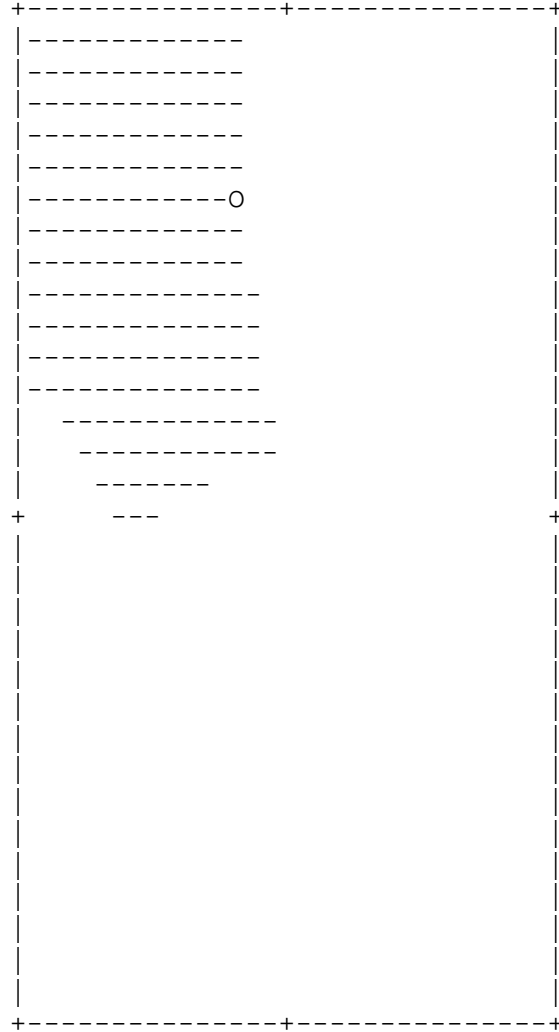
Point #295 at 41-18-29 072-49-43  
 Point #308 at 41-31-29 072-49-43  
 Point #066 at 41-06-29 072-42-43  
 Point #866 at 41-31-29 073-07-43

NEW HAVEN, CT GRID  
 Latitude 41-18-29  
 Longitude 072-55-43  
 Least preclusive siting  
 Availability of Channel 279 (X)



Point #760 at 41-18-29 073-04-43  
 Point #961 at 41-33-29 073-10-43

NEW HAVEN, CT GRID  
 Latitude 41-18-29  
 Longitude 072-55-43  
 Most preclusive siting  
 Availability of Channel 279 (X)



Point #584 at 41-28-29 072-58-43

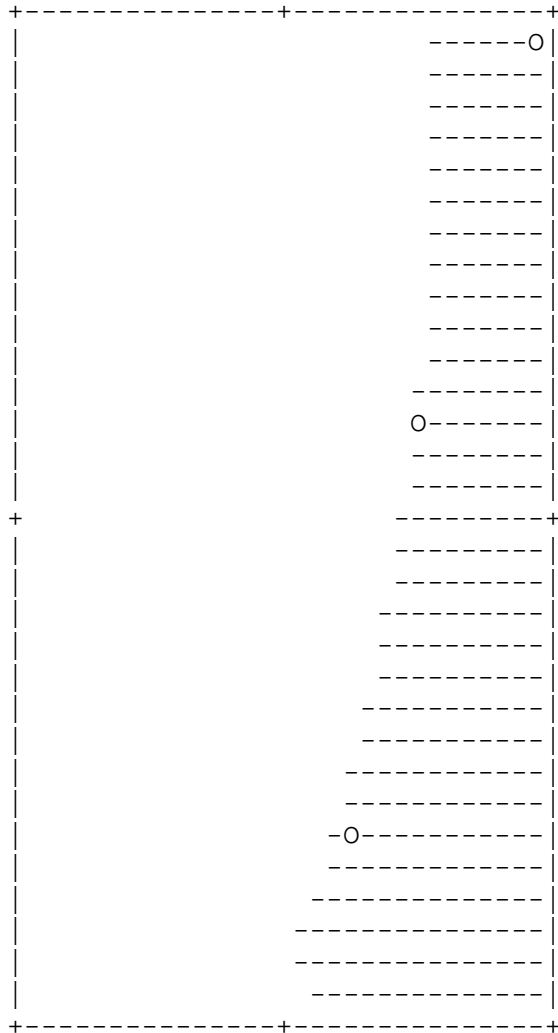
NEW HAVEN, CT GRID

Latitude 41-18-29

Longitude 072-55-43

Least preclusive siting

Availability of Channel 283 (X)



Point #031 at 41-33-29 072-40-43

Point #236 at 41-21-29 072-47-43

Point #347 at 41-08-29 072-51-43

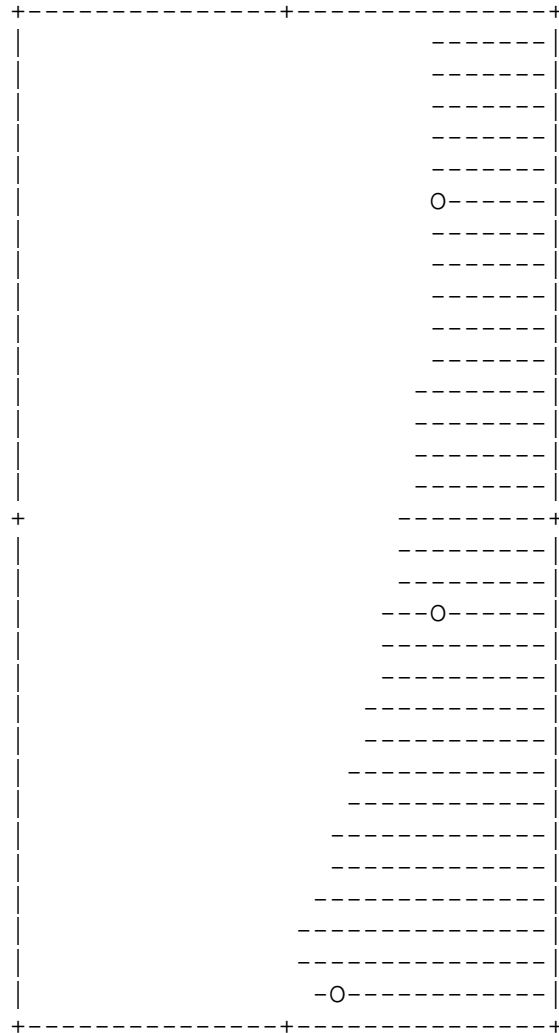
NEW HAVEN, CT GRID

Latitude 41-18-29

Longitude 072-55-43

Most preclusive siting

Availability of Channel 283 (X)

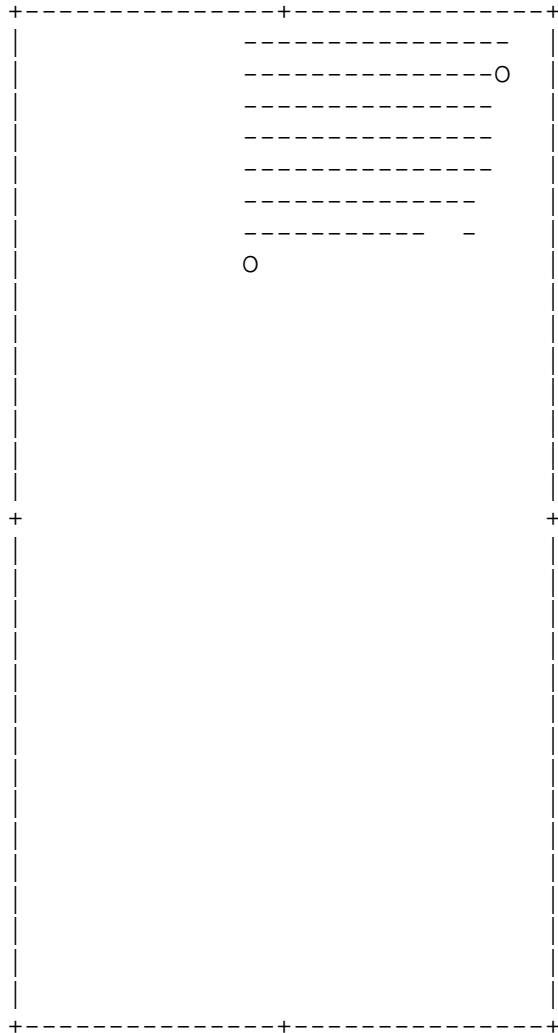


Point #199 at 41-15-29 072-46-43

Point #212 at 41-28-29 072-46-43

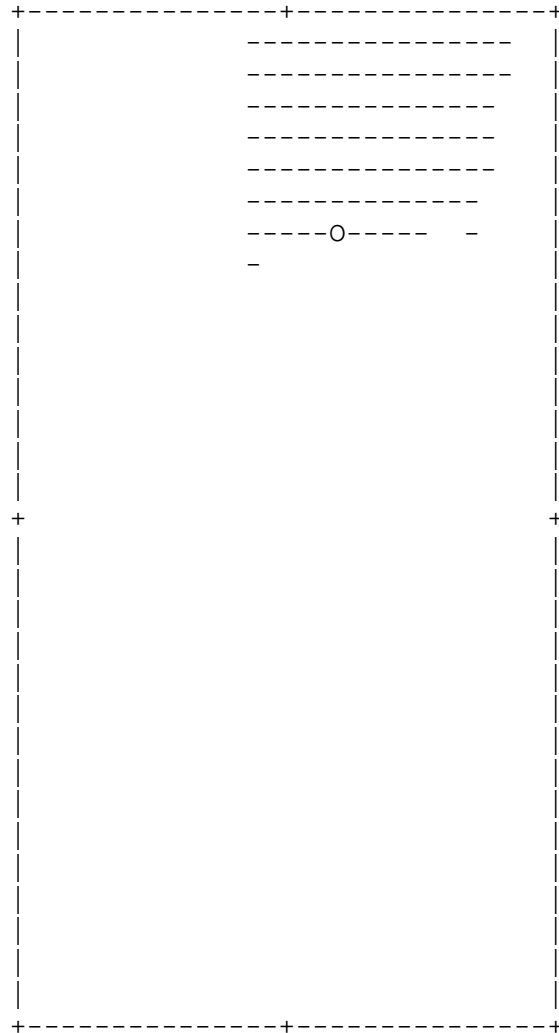
Point #373 at 41-03-29 072-52-43

NEW HAVEN, CT GRID  
 Latitude 41-18-29  
 Longitude 072-55-43  
 Least preclusive siting  
 Availability of Channel 287 (X)



Point #551 at 41-26-29 072-57-43  
 Point #092 at 41-32-29 072-42-43

NEW HAVEN, CT GRID  
 Latitude 41-18-29  
 Longitude 072-55-43  
 Most preclusive siting  
 Availability of Channel 287 (X)



Point #397 at 41-27-29 072-52-43

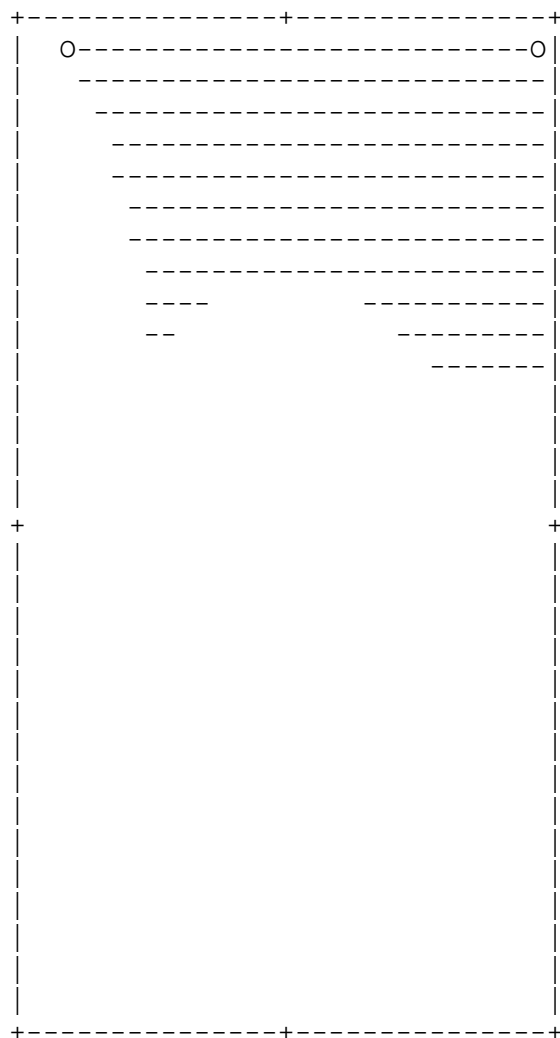
NEW HAVEN, CT GRID

Latitude 41-18-29

Longitude 072-55-43

Least preclusive siting

Availability of Channel 297 (X)



Point #899 at 41-33-29 073-08-43

Point #031 at 41-33-29 072-40-43

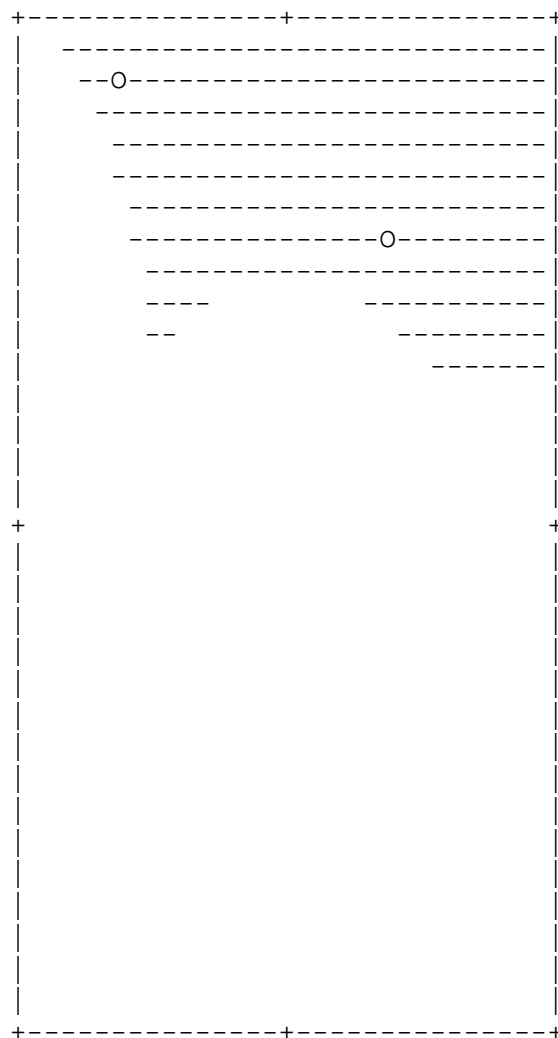
NEW HAVEN, CT GRID

Latitude 41-18-29

Longitude 072-55-43

Most preclusive siting

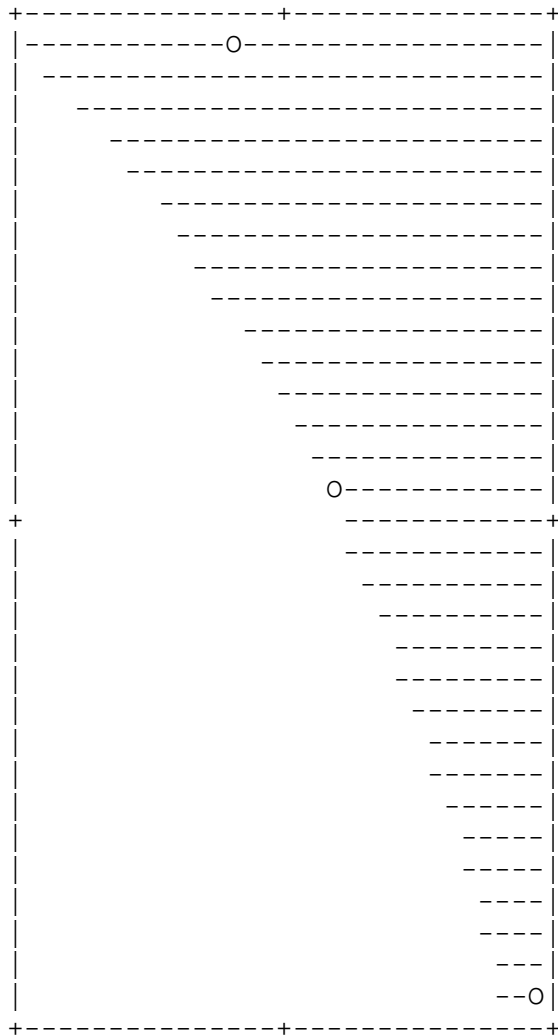
Availability of Channel 297 (X)



Point #304 at 41-27-29 072-49-43

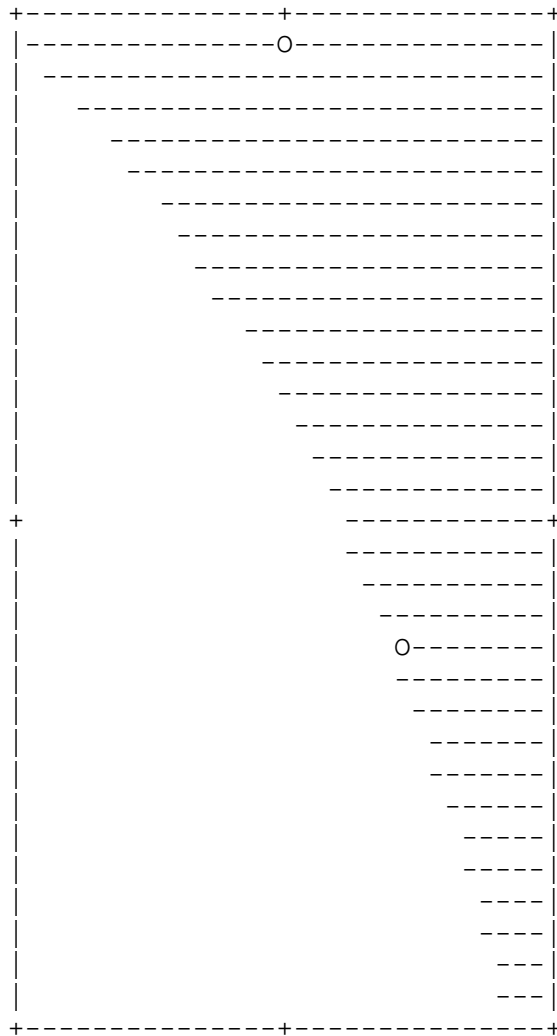
Point #805 at 41-32-29 073-05-43

NEW HAVEN, CT GRID  
 Latitude 41-18-29  
 Longitude 072-55-43  
 Least preclusive siting  
 Availability of Channel 298 (X)



Point #001 at 41-03-29 072-40-43  
 Point #589 at 41-33-29 072-58-43  
 Point #389 at 41-19-29 072-52-43

NEW HAVEN, CT GRID  
 Latitude 41-18-29  
 Longitude 072-55-43  
 Most preclusive siting  
 Availability of Channel 298 (X)



Point #260 at 41-14-29 072-48-43  
 Point #496 at 41-33-29 072-55-43