

**FEDERAL COMMUNICATIONS  
COMMISSION****47 CFR Part 73**

[MB Docket No. 87–268; FCC 07–138]

**Advanced Television Systems and  
Their Impact Upon the Existing  
Television Broadcast Service****AGENCY:** Federal Communications  
Commission.**ACTION:** Final rule.

**SUMMARY:** The Commission adopts a new Table of Allotments for digital television (DTV) providing all eligible stations with channels for DTV operations after the DTV transition on February 17, 2009. The new DTV Table accommodates all eligible broadcasters, reflects to the extent possible the channel elections made by broadcasters, and is consistent with efficient spectrum use. The new DTV Table finalizes the channels and facilities necessary to complete the digital transition and ultimately will replace the existing DTV Table at the end of the DTV transition. The existing DTV Table continues to govern stations' DTV operations until the end of the DTV transition.

**DATES:** Effective October 26, 2007.**ADDRESSES:** Federal Communications  
Commission, Washington, DC 20554.**FOR FURTHER INFORMATION CONTACT:** For  
additional information on this  
proceeding, contact Kim Matthews of  
the Media Bureau, Policy Division, (202)  
418–2154.

**SUPPLEMENTARY INFORMATION:** This is a  
summary of the Federal  
Communications Commission's Seventh  
Report and Order in MB Docket No. 87–  
268, FCC 07–138, adopted August 1,  
2007, and released August 6, 2007. The  
full text of this document is available for  
public inspection and copying during  
regular business hours in the FCC  
Reference Center, Federal  
Communications Commission, 445 12th  
Street, SW., CY–A257, Washington, DC  
20554. These documents will also be  
available via ECFS ([http://www.fcc.gov/  
cgb/ecfs/](http://www.fcc.gov/cgb/ecfs/)). (Documents will be available  
electronically in ASCII, Word 97, and/  
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Commission's Consumer and  
Governmental Affairs Bureau at (202)

418–0530 (voice), (202) 418–0432  
(TTY).**Summary of the Seventh Report and  
Order**

1. In this Seventh Report and Order, the Commission adopts a new Table of Allotments for digital television ("DTV") providing all eligible stations with channels for DTV operations after the DTV transition on February 17, 2009. The new DTV Table is the result of informed decisions made by eligible licensees and permittees during the Commission's channel election process. As the Commission stated in the Seventh Further Notice of Proposed Rule Making in this proceeding (71 FR 66592, November 15, 2006) ("Seventh Further Notice"), in developing these final DTV allotments the Commission has attempted to accommodate broadcasters' channel preferences as well as their replication and maximization service area certifications (made via FCC Form 381). The DTV Table adopted herein reflects consideration of the comments filed in response to the Seventh Further Notice as well as our efforts to promote overall spectrum efficiency and ensure that broadcasters provide the best possible service to the public.

2. In early 2006, Congress established February 17, 2009 as a new hard deadline for the end of the DTV transition and the end of analog transmissions by full power television broadcasters. In view of the short period of time remaining before this deadline, our goal has been to finalize DTV channels and facilities as expeditiously as possible to provide stations with the certainty they need to complete their digital build out, consistent with the interference and other standards set forth in the Seventh Further Notice.

**Requests for Minor Adjustments**

3. We will make a variety of minor adjustments based on requests from commenters. We received comments filed on behalf of 22 stations requesting that we make minor adjustments to the station coordinates specified in the proposed DTV Table Appendix B. We asked licensees to review the accuracy of their information contained in the proposed DTV Table Appendix B and comment on any inaccuracies or discrepancies in this information. In some cases, the station requested a change to conform to the coordinates reflected on a station authorization and/or the coordinates of the Antenna Structure Registration ("ASR") for the station's tower. In circumstances where a station submitted a correction to the station's coordinates, the corrected

coordinates are specified on a station license or construction permit, and the requested change did not result in a change of more than three seconds latitude or longitude for the station, we are making the requested correction. Accepting corrections to Appendix B of three seconds or less is consistent with the Commission's rules, which do not require a construction permit for such a correction before it can be licensed. Three seconds of latitude or longitude is approximately 200 to 300 feet. The stations for which we make such a correction are listed in Appendix D1 hereto and the changes requested by those stations are reflected in DTV Table Appendix B adopted herein.

4. We also received comments filed on behalf of stations requesting modification of the proposed DTV Table Appendix B in the Seventh Further Notice either to express a station's geographic coordinates in tenths of seconds in addition to the currently listed degrees, minutes, and seconds or to round to the nearest whole second rather than merely truncate the data. One such commenter argued that precision is important as even a small change in location data could have an impact on interference studies in light of the 0.1 percent interference standard. We note that a tenth of a second latitude or longitude is equivalent to approximately 10 feet.

5. We find it is appropriate to round to the nearest whole second because the resources necessary to collect more precise data and revise the computer software that generates the Table would not be justified by the small difference in physical location. For those commenters that have requested a correction of their station coordinates and provided us with station coordinates expressed to the tenth of a second, we have revised DTV Table Appendix B to round the coordinates to the nearest whole second. The stations for which such a change is made are included in the list of stations in Appendix D1 herein.

**Requests To Make Changes to  
Certification**

6. We are permitting changes to stations' facility certifications (FCC Form 381) based on appropriate demonstrations from these stations where such changes are consistent with the circumstances contemplated in the Seventh Further Notice. In paragraph 28 of the Seventh Further Notice, the Commission recognized that some stations have already constructed or received authorization to construct facilities on the station's TCD that provide service to areas that extend

beyond that to which the station certified on FCC Form 381. Because the interference protection provided during the channel election process was limited to the facilities to which the station certified in FCC Form 381, the Commission noted that stations serving or authorized to serve areas beyond their certified area could become subject to interference in those areas. The Commission stated that it would permit stations in this situation to file comments proposing to modify their certified facilities to match their authorized or constructed facilities. Stations requesting such a change were required either to (1) Submit an engineering analysis demonstrating that the proposed change to their certified facilities would not result in interference in excess of 0.1 percent to any licensee's existing TCD or (2) submit the signed, written consent of every affected licensee. The Commission also stated that stations in these circumstances seeking a change in their certification would be required to accept interference from any channel election already approved.

#### 1. Requests That Meet the Interference Criteria

7. We will permit stations to change their facility certifications (FCC Form 381), and thus our post-transition DTV Table Appendix B, where such stations have demonstrated that such modification of their facilities will conform to licensed or authorized facilities and where the proposed change to the Appendix B facilities either meets the interference criterion discussed above (i.e., the proposed change would not result in interference in excess of 0.1 percent to any licensee's existing TCD) or, as discussed further below, the station affected agreed to accept the interference. We received comments on behalf of 130 stations requesting such changes. We have made the changes requested by these commenters and the changes are reflected in the revised DTV Table Appendix B adopted herein. A list of the stations for which we made these changes is attached hereto in Appendix D2. To address the requests of those commenters in this group whose stations are moving to a different channel for post-transition service, we recalculated their post-transition DTV coverage area based on their authorized or licensed DTV facility, as indicated by the file number shown in Appendix D2.

8. In some cases, stations listed in Appendix D2 request changes to the DTV Table/Appendix B that differ from the facilities specified in a current authorization for the station on the post-

transition channel. In these circumstances, we have revised DTV Table Appendix B to specify the station's authorized facilities. The following paragraphs describe three situations that merit additional explanation.

9. *KBCW, San Francisco, CA.* San Francisco Television Station KBCW, Inc. ("KBCW"), licensee of station KBCW, channel 44, and KBCW-DT, channel 45, San Francisco, CA, received channel 45 for its TCD in the proposed DTV Table. In comments filed on behalf of KBCW, CBS Corporation ("CBS") requests a change to conform to the parameters of KBCW's licensed facilities on Channel 45. CBS states that, along most azimuths, the currently licensed digital facilities of KBCW exceed those resulting from the replication facilities assigned to the station in the proposed DTV Table Appendix B. CBS states that an interference study shows that the requested KBCW parameters would cause in excess of 0.1 percent new interference only to the digital operation of KQCA, Stockton, California. According to CBS, KQCA currently receives 0.46 percent interference from KBCW-DT's presently licensed operation and would continue to do so after the transition if KBCW-DT keeps its existing facilities. CBS submitted an agreement in which KQCA agrees to accept this interference. In light of the interference agreement submitted by CBS, we will accept the requested change to the parameters for KBCW to conform to its authorized and operating facilities. These changes are reflected in the revised DTV Table Appendix B adopted herein.

10. *KALO, Honolulu, HI.* Pacifica Broadcasting Company ("Pacifica"), licensee of station KALO(TV), channel 38, and KALO-DT, channel \*10, Honolulu, HI, received channel 10 for its TCD in the proposed DTV Table. In a late-filed comment, Pacifica noted its concern that it may not be able to operate at its applied-for power level on channel 10 because it will cause an unacceptable level of interference to the FCC monitoring station at Waipahu. To address this anticipated difficulty, Pacifica has proposed a reduced ERP of 14.275 kW. This power level is less than the authorized power of the facility, but the reduction is necessary to prevent interference with our nearby monitoring facility. We have studied the proposed power and find that it does not cause impermissible interference to any station. We accept KALO's proposal and the DTV Table Appendix B has been revised accordingly.

11. *WPPB, Boca Raton, FL.* The School Board of Broward County

("SBBC"), licensee of WPPB-TV, channel \*63, and permittee of WPPB-DT, channel \*40, Boca Raton, FL, received channel \*40 for its TCD in the proposed DTV Table. In comments filed to this proceeding, SBBC supports the proposed allotment of channel \*40, but asks to change its certified facilities and DTV Table Appendix B to reflect facilities authorized by the Commission in 2002. No other comments were filed related to this TCD.

12. SBBC's request to change WPPB's DTV channel from \*44 to \*40 was approved in the 2002 *Boca Raton Allotment Order*. In that order, WPPB-DT, channel \*40, was authorized to operate at maximized facilities, including an ERP of 1000 kW and an antenna HAAT of 310 m. However, SBBC certified in its FCC Form 381 for maximized facilities as authorized by its existing construction permit for DTV channel \*44. SBBC explained in its FCC Form 381 that it did this because the channel substitution decision was challenged by a petition for reconsideration and, thus, not deemed "final." In its FCC Form 381, SBBC also stated its intention to certify for maximized facilities at the new channel \*40 allotment when the channel substitution became final. SBBC subsequently filed an application in 2006 to conform its new DTV channel \*40 allotment to those facilities specified in the 2002 *Boca Raton Allotment Order*.

13. The proposed post-transition DTV Table now shows WPPB's new DTV channel \*40. We hereby revise DTV Table Appendix B herein to reflect the facilities authorized by the 2002 *Boca Raton Allotment Order*. This change does not result in more than 0.1 percent new interference to any station. WPPB's requested certification change is to facilities expressly authorized to the station in 2002, and the station expressed its intent to certify to these facilities in its Form 381 filing.

#### 2. Requests By Operating Stations That Do Not Meet Interference Criteria

14. We will permit stations that are already operating their final, post-transition DTV facilities to change their facility certifications (FCC Form 381), and thus our post-transition DTV Table Appendix B, to reflect those facilities, even though such operations will exceed the 0.1 percent interference standard. Eight stations requested changes to the proposed DTV Table Appendix B to reflect operating facilities where we have determined that the interference caused to the TCD of another licensee exceeds the 0.1 percent interference standard and there

is no interference agreement with the affected station(s). In several cases, the Commission granted pending applications for these stations after certification. In other cases, as discussed further below, we have permitted stations to change their certification from replication to maximization, thereby potentially causing more interference to other stations than would have been permitted for the facilities to which the station originally certified.

15. While these stations are requesting changes to the parameters proposed in the *Seventh Further Notice* in situations where the level of interference exceeds the relevant standard, we find that they have met their burden of demonstrating that their special circumstances justify a waiver. We therefore grant the requested changes. In each case, the changes are being requested for stations that are already operating their final, post-transition DTV facilities. We believe it is unnecessary and unfair to require these already-operational facilities to reduce service. Indeed, as these stations are already providing service at the requested parameters, it is in the public interest to allow them to continue to do so. In addition, none of the stations receiving the interference filed an opposition to the station requesting the change.

16. Following is a brief discussion of the stations requesting changes to reflect their operating facilities and the relevant circumstances that support our grant of their requests:

17. *KTBN, Santa Ana, CA.* Trinity Christian Center of Santa Ana, Inc. ("Trinity"), licensee of station KTBN-TV, channel 40, and KTBN-DT, channel 23, Santa Ana, CA, received channel 23 for its TCD in the proposed DTV Table. Trinity requests that the parameters for KTBN in the proposed DTV Table Appendix B be changed to reflect those of the facility currently licensed in BLCDDT-20050729AFT. The Commission's interference analysis shows that KTBN's licensed facility causes 0.75 percent interference to KBEH, Oxnard, California (analog channel 63, digital channel 24 for both pre- and post-transition).

18. *WICS, Springfield, IL.* WICS Licensee, LLC ("WICS Licensee"), licensee of station WICS, channel 20, and WICS-DT, channel 42, Springfield, IL, received channel 42 for its TCD in the proposed DTV Table. Sinclair Broadcast Group, Inc. ("Sinclair"), the parent company of WICS Licensee, requests that the parameters for WICS in the DTV Table Appendix B be changed to reflect those of the licensed facility BLCDDT-20050627AAI. The

Commission's interference analysis shows that the WICS licensed facility causes 0.43 percent interference to WICD, Champaign, Illinois (analog 15, post-transition digital channel 41).

19. *WUTV, Buffalo, NY.* WUTV Licensee, LLC ("WUTV Licensee"), licensee of station WUTV, channel 29, and permittee of WUTV-DT, channel 14, Buffalo, NY, received channel 14 for its TCD in the proposed DTV Table. Sinclair Broadcast Group Inc., parent company of WUTV Licensee, requests that the parameters for WUTV in the DTV Table Appendix B be changed to reflect those of the licensed facility BLCDDT-20060829BGK. The Commission's interference analysis shows that the WUTV licensed facility causes 8.45 percent interference to the TCD on channel 14 of a new analog singleton in Bath, New York (call sign 870331LW). We note that, in its license application, WUTV indicated it would employ antenna beam tilting to protect the Bath station from interference and that the WUTV license specifies beam tilting.

20. *WKDH, Houston, MS.* Southern Broadcasting Inc. ("Southern"), licensee of singleton station WKDH, channel 45, Houston, MS, received channel 45 for its TCD in the proposed DTV Table. Southern requests that the parameters for WKDH in the DTV Table Appendix B be changed to reflect the parameters specified in its construction permit BPCDDT-20060519ABE. WKDH is now operating pursuant to program test authority. The Commission's interference analysis shows that WKDH causes 0.34 percent interference to WPXH, Gadsden, Alabama (analog channel 44, digital channel 45 for both pre- and post-transition).

21. *WTEN, Albany, NY.* Young Broadcasting, Inc. ("Young"), licensee of station WTEN, channel 10, and WTEN-DT, channel 26, Albany, NY, received channel 26 for its TCD in the proposed DTV Table. Young requests that the parameters for WTEN in the DTV Table Appendix B be changed to reflect the parameters of the station's license BLCDDT-20060104ACC. The Commission's interference analysis shows that the WTEN licensed facility causes 3.24 percent interference to WHPX, New London, Connecticut (analog channel 26, post-transition digital channel 26) and 1.39 percent interference to WFXV, Utica, New York, (analog channel 33, digital channel 27 for both pre- and post-transition).

22. *WLMB, Toledo, OH.* Dominion Broadcasting, Inc., ("Dominion"), licensee of station WLMB, channel 40, and WLMB-DT, channel 5, Toledo, OH, received channel 5 for its TCD in the

proposed DTV Table. Dominion requests that the parameters for WLMB in the DTV Table Appendix B be changed to reflect those of the licensed facility BLCDDT-20050201AAF. Dominion failed to timely file a certification on FCC Form 381 for WLMB specifying whether it would construct replication or maximization facilities, and consequently WLMB was assigned replication facilities in the proposed DTV Table Appendix B. The Commission noted that forty-one stations, including WLMB, did not timely file a certification form, and stated that it would permit these licensees to file comments proposing a change to their certification to specify maximized facilities for which they would have been allowed to certify. Dominion requests that its certification for WLMB be modified to specify the maximized facilities that Dominion has now constructed and that the Commission has licensed. The Commission's interference analysis shows that the WLMB licensed facility causes 2.04 percent interference to WGVK, Kalamazoo, Michigan (analog channel 52, digital channel 5 for both pre- and post-transition).

23. *KOCE, Huntington Beach, CA.* KOCE-TV Foundation ("KOCE Foundation"), licensee of noncommercial educational station KOCE, channel \*50-, and KOCE-DT, channel \*48, Huntington Beach, CA, received channel \*48 for its TCD in the proposed DTV Table. KOCE Foundation requests that the parameters for KOCE in the proposed DTV Table Appendix B be changed to reflect those of the licensed facility BLEDDT-20041117ADG. KOCE Foundation failed to timely file a certification on FCC Form 381 for KOCE specifying whether it would construct replication or maximization facilities, and consequently KOCE was assigned replication facilities in the proposed DTV Table Appendix B. This situation is similar to WLMB, paragraph 54, *supra*. The Commission noted that KOCE also did not timely file a certification form and stated that it would permit this licensee to file comments proposing a change to its certification to specify maximized facilities for which it would have been allowed to certify. KOCE Foundation requests that its certification for KOCE be modified to specify KOCE-DT's licensed, maximized facilities. The Commission's interference analysis shows that the KOCE licensed facility causes 0.24 percent new interference to KAZA, Avalon, CA (analog channel 54, digital channel 47 for both pre- and post-transition).

24. *WLLA, Kalamazoo, MI.* Christian Faith Broadcast, Inc. ("Christian Faith"), licensee of station WLLA, channel 64, and WLLA-DT, channel 45, Kalamazoo, MI, received channel 45 for its TCD in the proposed DTV Table. Christian Faith failed to timely file a certification on FCC Form 381 for this station. Stations that did not file certifications were assigned replication facilities for purposes of the Commission's channel election process and interference evaluation. On October 31, 2005, Christian Faith filed a request for acceptance of a late-filed certification on behalf of WLLA specifying maximization facilities authorized for that station. The proposed DTV Table Appendix B did not reflect this requested certification change. Christian Faith subsequently filed comments in response to the *Seventh Further Notice* requesting a change in the proposed DTV Table to reflect its construction permit for maximized facilities for this station. On May 29, 2007, Christian Faith filed a license application for WLLA for these maximized facilities. The authorized and operating maximized facilities of WLLA cause 2.11 percent new interference to WZPX, Battle Creek, Michigan (analog channel 43, digital channel 44 for both pre- and post-transition) and 0.79 percent new interference to WDIV, Detroit, Michigan (analog channel 4, digital channel 45 for both pre- and post-transition).

25. For the reasons discussed *supra*, we hereby grant the changes requested for these eight stations and these changes are reflected in the DTV Table Appendix B adopted herein.

### 3. Requests By Non-Operational Stations That Do Not Meet Interference Criteria

26. Comments were filed on behalf of two stations requesting changes to the proposed DTV Table Appendix B to reflect authorized facilities where we have determined that the interference caused to another licensee's existing TCD exceeds the 0.1 percent interference standard, there is no interference agreement with the affected station(s), and the station requesting the change is not operational. One of these stations, WTCV, San Juan, PR, has not met its burden to demonstrate that special circumstances justify a waiver, and we therefore deny its request to change DTV Table Appendix B. Unlike the stations discussed above, this station has not completed construction and begun DTV service to the public. We do not believe it is appropriate to change the facilities specified in DTV Table Appendix B where the station requesting the change does not meet the

applicable interference standard and is not yet providing service to the public. We note that this station could apply in the future for a modification to specify maximized facilities. Any such application would be subject to interference criteria and other standards adopted in the Third DTV Periodic Review Report and Order. As discussed further below, for one station, WMFD, Mansfield, Ohio, we will grant the request to change DTV Table Appendix B because this station has obtained international coordination for its authorized facility.

27. *WTCV, San Juan, PR.* International Broadcasting Corporation ("IBC"), licensee of station WTCV, channel 18, and WTCV-DT, channel 32, San Juan, PR, received channel 32 for its TCD in the proposed DTV Table. IBC states in its comments that it originally intended to operate its post-transition DTV transmitter from its current analog tower but was forced to change sites because of difficulties in obtaining tower space at its original site for its digital facilities. According to IBC, after lengthy negotiations with the tower site owner, Puerto Rico Telephone Company, "it became clear that the tower structural requirements imposed at the time made the project economically unfeasible." IBC therefore certified to an authorized construction permit for a different site with substantially reduced facilities. In its comments IBC states that it has recently solved the difficulties of obtaining tower space to operate from its currently authorized analog site and has filed an application for a construction permit to operate from this site. This application was pending at the time IBC filed its comments in response to the *Seventh Further Notice* but has now been granted. IBC requests a change in the proposed DTV Table Appendix B to specify the parameters of the construction permit application that was pending at the time IBC's comments were filed and that has now been granted. IBC states that the proposed change in site and technical facilities will enable WTCV to serve an additional 318,230 viewers. However, the WTCV facilities requested by IBC would cause 1.49 percent new interference to WSJU-TV, San Juan, Puerto Rico (analog channel 30, post-transition digital channel 31) and WTCV is not currently operational. As the facilities requested by IBC would cause new interference in excess of the 0.1 percent interference standard and the station is not yet providing service to the public, we will deny IBC's request to change DTV Table Appendix B.

28. *WMFD, Mansfield, OH.* Mid-State Television, Inc., ("Mid-State"), licensee of station WMFD-TV, channel 68 and WMFD-DT, channel 12, Mansfield, OH, received channel 12 for its TCD in the proposed DTV Table. Mid-State certified to a then-pending maximization application that had not yet been authorized due to international coordination issues. Mid-State states that, when it filed its pre-election certification, it indicated that it intended to operate with the facilities specified in the then-pending modification application, but that the application remained subject to international coordination. After certification, the application was amended to resolve the international coordination issues and subsequently was granted in July 2005. The proposed DTV Table Appendix B specifies the facilities to which Mid-State certified. Mid-State requests that DTV Table Appendix B be changed to reflect the facilities specified in its July 2005 construction permit. The facilities requested by Mid-State would cause 1.13 percent interference to WINM, Angola, Indiana (analog channel 63, post-transition digital channel 12) and 0.44 percent interference to WBOY, Clarksburg, West Virginia (analog channel 12, post-transition digital channel 12). Neither of the affected stations filed comments opposing WMFD's proposed change to Appendix B.

29. We will grant Mid-State's request and change DTV Table Appendix B accordingly. This change is reflected in the DTV Table Appendix B attached hereto. The change requested by Mid-State is the result of a negotiated solution with Canada to resolve international coordination issues that prohibit operation of the facility proposed in the application pending at the time of certification and to which Mid-State certified on FCC Form 381. The Commission has recognized that stations facing international coordination issues face unique challenges in completing the digital transition. As the result of a modification to a Canadian DTV allotment, WMFD states that it is precluded from constructing the facilities listed in the proposed DTV Table Appendix B. If we were to deny the change requested by Mid-State, WMFD would be required to identify a new facility and re-commence the process of obtaining international coordination for that facility. Because of the unique circumstances faced by WMFD, a station that is already providing digital service to the public

and seeks to improve that service, we believe that grant of the requested change to DTV Table Appendix B is warranted and will serve the public interest.

#### Requests for Modified Coverage Area

30. We will grant requests filed on behalf of 30 stations whose post-transition DTV channel is different from their pre-transition DTV channel to change the coverage area in the proposed DTV Table Appendix B. In general, these commenters argue that the facilities specified in the proposed DTV Table Appendix B do not permit the station to provide service to the area served by the station's analog facility.

31. In the creation of the initial Table of Allotments, DTV channels were chosen to allow service on the channel to best match the Grade B service contour of the analog station with which it was paired. Implementation of this replication goal requires a combination of transmitter site, ERP, directional antenna characteristics, and antenna height that is adequate to cover at least the same area as was served by the analog station. In the *Sixth Report and Order* in this docket (62 FR 26684, May 14, 1997) ("Sixth Report and Order"), however, the Commission determined that the maximum permissible power for all allotments in the initial DTV Table would be 1000 kW. For some stations whose analog channel was in the VHF band and whose initial DTV channel was in the UHF band, an ERP of 1000 kW was not sufficient to permit replication of the station's analog service.

32. On FCC Form 381, the Commission permitted stations the choice of certifying to operate their post-transition DTV station based on: (1) A current station authorization; (2) a pending application for maximization that had not been authorized due to a pending international coordination issue; or (3) replication facilities. Stations certifying to replication facilities that had not changed their DTV channel since the 1998 DTV *Second MO&O* (64 FR 4322, January 28, 1999) ("Second MO&O") had their replication facilities based on the facilities established in Appendix B of the *Second MO&O*.

33. Several commenters argue that, because of the 1000 kW maximum imposed in the *Sixth Report and Order*, the Commission's decision to base replication during the channel election process on the station's initial DTV facilities established in the *Second MO&O* rather than the station's analog facilities resulted in the Commission proposing parameters in the DTV Table

Appendix B that do not permit the station to replicate the analog service area. In other cases, stations filed comments requesting a change to the parameters in the proposed DTV Table Appendix B to modify the station's coverage area to permit replication of the station's analog coverage area where the station was not subject to the 1000 kW maximum imposed in the *Sixth Report and Order*. These stations, returning to their analog channel for post-transition operations, commented that the proposed DTV Table Appendix B facilities would not permit replication of the station's analog Grade B contour. For stations returning to their analog channel, this discrepancy between the proposed Appendix B parameters and the analog coverage area may have been due to translation discrepancies that occurred over a series of engineering calculations used to determine replication. In other cases, stations simply requested an increase in power or a change to the station's antenna pattern to permit the station to serve more of the area served by the station's analog facilities.

34. In response to the comments filed on behalf of these stations, we have recalculated Appendix B facilities based on replicating the analog coverage that was used to determine their initial DTV table facilities. If the recalculation would result in a reduction in the Appendix B facilities, we are adopting herein the larger Appendix B facilities that we had initially proposed in the *Seventh Further Notice*. If the recalculation would result in a larger coverage area and our analysis indicates that the recalculated facilities (1) Meet the 0.1 percent interference standard specified in the *Second DTV Periodic Report and Order* (69 FR 59500, October 4, 2004) ("Second DTV Periodic Report and Order") or (2) would cause more than 0.1 percent new interference but the affected station(s) agree to accept the interference, we are granting the request to change DTV Appendix B to reflect the larger coverage area. These stations are listed in Appendix D3 and the revised parameters for these stations are reflected in the revised DTV Table Appendix B, *infra*. There were no comments filed opposing these requested changes.

35. We believe that permitting these changes to the proposed DTV Table is consistent with our overall goal in the DTV transition of encouraging replication of analog service. One of the Commission's objectives throughout the transition has been to permit broadcasters to reach with digital service the audiences they have been serving with analog service so that

viewers will continue to have access to the stations that they are accustomed to receiving over the air. We believe that the revisions requested by the stations listed in Appendix D3 will serve the public interest by permitting those stations to provide digital service to more of their established analog viewers.

36. In addition, three stations requested changes to the proposed DTV Table Appendix B to increase the station's coverage area, but our recalculations of the Appendix B facilities and the subsequent interference analysis show that the requested change would result in interference that would exceed the 0.1 percent interference standard adopted in the *Second DTV Periodic Report and Order* and the affected station has not agreed to accept this interference. We deny the requests of these stations, as described in greater detail below. None of them are requesting changes to reflect DTV facilities they are operating or are authorized to operate. Consistent with our decisions above, we decline to change the facilities specified in DTV Table Appendix B where the station requesting the change does not meet the applicable interference standard and is not yet providing service to the public. We note, however, that each of these stations must file an application for authority to construct its post-transition facility, and at that time may be able, consistent with the procedures ultimately adopted in the Third Periodic Review proceeding, to specify facilities in that application that more closely approach the parameters requested in their comments. Following is a list of these stations and a description of their individual circumstances.

37. *WEDU, Tampa, FL*. Florida West Coast Public Broadcasting, Inc. ("FWCPB"), licensee of NCE station WEDU, channel \*3, and WEDU-DT, channel \*54, Tampa, FL, received channel \*13 for its TCD in the proposed DTV Table. FWCPB requests that the proposed DTV Table Appendix B be revised to specify omnidirectional facilities for WEDU at an ERP of 40 kW. The Commission's interference analysis based on recalculated Appendix B facilities shows that WEDU would cause 1.16 percent new interference to WTLV, Jacksonville, Florida (analog channel 12, post-transition digital channel TCD channel 13).

38. *WGTV, Athens, GA*. Georgia Public Telecommunications Commission ("GPTC"), licensee of NCE station WGTV, channel \*8, and permittee of WGTV-DT, channel \*12, Athens, GA, received channel \*8 for its TCD in the proposed DTV Table. GPTC

requests that the proposed parameters in DTV Table Appendix B be changed to permit WGTV to increase power and operate with an omnidirectional antenna. The Commission's interference analysis based on recalculated Appendix B facilities shows that WGTV would cause 0.19 percent new interference to WCIQ, Mount Cheaha, Alabama (analog channel 7, post-transition digital channel 7).

39. *KOED, Tulsa, OK.* Oklahoma Educational Television Authority ("OETA"), licensee of NCE station KOED-TV, channel \*11, and KOED-DT, channel \*38, Tulsa, OK, received channel \*11 for its TCD in the proposed DTV Table. OETA requests that DTV Table Appendix B be revised to reflect an increase in antenna height for KOED. The Commission's interference analysis based on recalculated Appendix B facilities shows that the KOED would cause 0.16 percent new interference to KTUL, Tulsa, Oklahoma (analog channel 8, post-transition digital channel 10).

#### Requests for Alternative Channel Assignments

40. We will grant certain stations' requests for an alternative channel assignment, consistent with our proposal in the *Seventh Further Notice*. In paragraph 25 of the *Seventh Further Notice*, the Commission stated that it would consider requests for alternative channel assignments only from the following: (1) Licensees unable to construct full, authorized DTV facilities on the TCDs that they requested and received because, in order to avoid causing impermissible interference to other TCDs and still obtain their preferred channel, they had to agree to construct facilities on their TCD that are smaller than those to which they had certified on FCC Form 381; (2) licensees with international coordination issues which the Commission has been unable to resolve with the Canadian and Mexican governments; (3) licensees with TCDs for low-VHF channels (channels 2-6); and (4) new licensees and permittees that attained such status after the start of the channel election process and to which we assigned a TCD for post-transition DTV operations because their assigned NTSC or DTV channel was determined to cause impermissible interference to existing licensees. The Commission stated that licensees that want to change their DTV allotment, but which are not in any of these categories (e.g., are technically able to construct their full, authorized DTV facilities on their existing TCD) may request a change in allotment only after the DTV Table is finalized and

must do so through the existing allotment procedures.

41. The Commission stated that any request for an alternative channel assignment must either meet the 0.1 percent additional interference standard or be accompanied by a request for a waiver of the 0.1 percent limit or the signed written consent of the affected licensee. The Commission stated that it would grant waivers of the 0.1 percent limit where doing so would promote overall spectrum efficiency and ensure the best possible service to the public, including service to local communities.

42. We received comments filed on behalf of 22 stations requesting a change in the channel assigned to the station for post-transition operation in the proposed DTV Table. For 13 of these stations, we will grant the requested channel change. A list of the stations for which we are granting an alternative channel appears in Appendix D5, *infra*, and we have revised the DTV Table for these stations accordingly. For each of these stations, we believe that the circumstances described by the station are consistent with one or more of the criteria for consideration of alternative channel assignments outlined in the *Seventh Further Notice*. Furthermore, none require waiver of the 0.1 percent interference standard, because they either do not exceed that limit or have acquired the agreement of the affected station(s).

43. For two stations, we deny the request for an alternative channel assignment. According to the Commission's interference analysis, the new channels requested by these stations cause interference to another station in excess of the 0.1 percent standard and there is no agreement with the affected station accepting this interference. As discussed below, we decline to waive our interference limit for these stations. Following is a brief discussion of these two stations and the relevant circumstances.

44. *KCWX, Fredericksburg, TX.* Corridor Television LLP, Inc., ("Corridor"), licensee of singleton station KCWX, channel 2, Fredericksburg, TX, received channel 5 for its TCD in the proposed DTV Table. Corridor requests the substitution of channel 8 for its TCD of channel 5. Corridor recognizes that the allotment of channel 8 to KCWX would require a waiver of the 0.1 percent interference standard, but argues that grant of a waiver would contribute to clearing the lower VHF band so that it can be used for other purposes. In addition, Corridor states that it serves viewers in a rural area that rely more heavily on over-the-air signals and that channel 8 would

result in fewer signal reception difficulties for these viewers than channel 5. Corridor also argues that operation on channel 8 would reduce its operating costs.

45. Corridor argues that, with respect to new channel allotments after the transition, the Commission proposed to utilize an interference protection requirement based on engineering criteria (e.g., permissible interference), rather than geographic spacing, and to use an interference standard of 0.5 percent. Corridor argues that this proposed standard should be given significant weight in considering requests to waive the 0.1 percent standard in connection with the TCD selection process. The Commission's interference analysis shows that the requested change would cause 0.79 percent interference to KTBC, Austin, Texas (analog channel 7, post-transition digital channel 7) and 0.47 percent interference to NCE station KLRN, San Antonio, Texas (analog channel 9, post-transition digital channel 9). KTBC License, Inc., licensee of KTBC, filed an opposition to Corridor's request to waive the 0.1 percent interference limit. In addition, Alamo Public Telecommunications Council, licensee of KLRN, filed an opposition to Corridor's request, also arguing that Corridor should not receive a waiver of the 0.1 percent interference standard.

46. We note that the 0.5 percent standard is only a proposal and a different standard could be adopted. Moreover, the new interference caused to KTBC, 0.79 percent, not only significantly exceeds the current 0.1 percent interference standard applied to channel substitution requests, it also exceeds even the proposed 0.5 percent standard. In view of the significant level of impermissible interference caused by the proposed KCWX channel substitution, we decline to waive our interference limit in this situation. We do not believe that a waiver in these circumstances would promote overall spectrum efficiency or ensure the best possible television service to the public or the local community.

47. *WMYT, Rock Hill, SC.* WMYT-TV, Inc., ("WMYT"), licensee of station WMYT-TV, channel 55, and permittee of WMYT-DT, channel 39, Rock Hill, SC, received channel 39 for its TCD in the proposed DTV Table. WMYT requests the substitution of Channel 46 for its TCD of Channel 39. WMYT argues that Channel 46 is fully spaced to other stations, while Channel 39 is short-spaced to two stations. WMYT also argues that the station would cause less interference on Channel 46 at its preferred ERP than it does at the lower

assigned ERP on Channel 39. In addition, WMYT states that operation on Channel 46 would permit it to serve up to 500,000 additional viewers. The Commission's interference analysis shows that the requested change would cause 0.64 percent new interference to WYCW, Asheville, NC (analog 62, post-transition digital channel 45).

48. In view of the level of interference caused to WYCW, we do not believe it is appropriate to waive our interference standard in this situation. The level of interference caused is far in excess of the applicable 0.1 percent standard. In addition, the new interference caused to WYCW of 0.64 percent exceeds even the 0.5 percent new interference standard we proposed apply to new channel allotments after the transition. As we concluded with respect to the proposed channel substitution of KCWX, *supra*, in view of the significant level of impermissible interference that would be caused by the WMYT request we do not believe that a waiver of our interference standard would promote our overall spectrum efficiency or ensure the best service to the public.

#### Additional Requests to Change Appendix B Facilities

##### Antenna Information

49. We deny the requests of certain stations seeking to add antenna identification numbers to the proposed post-transition DTV Table Appendix B. Several stations requested that we change the proposed DTV Table Appendix B to include such antenna identification numbers. In developing the proposed post-transition DTV Table Appendix B, we did not include any antenna identification number for stations operating with an omnidirectional antenna. An omnidirectional antenna provides the same power level in every azimuthal direction and antenna identification numbers are only used for directional antennas in order to determine the different power levels in each direction. Accordingly, where stations request the addition of an antenna identification number to Appendix B, we will not make that change if our database indicates that the station is authorized for an omnidirectional antenna.

50. In addition, Scripps Howard Broadcasting requests that we change Appendix B for KNXV, Phoenix, Arizona and WCPO, Cincinnati, Ohio to reflect an antenna pattern value of "1" for 110 degrees. Trinity Broadcasting of Indiana, Inc. makes a similar request for WCLJ, Bloomington, Indiana. The channel allotments for KNXV and WCLJ are based on the use of omnidirectional

antennas, so we will delete the antenna identification number in Appendix B for these stations. For WCPO, the correct 110 degree value of 1 was used when we generated Appendix B and we will correct the antenna pattern in the FCC's CDBS database. Finally, Griffin Tulsa II Licensing, LLC requests that we change Appendix B for KQCW, Muskogee, OK to reflect a relative field value of "0.958" instead of "0.096" in the reference pattern at 280 degrees. We have made this change and it is reflected on Appendix B, *infra*.

##### Speculative Requests To Change Appendix B Facilities

51. We reject the premature or incomplete requests of certain stations seeking changes to their facilities as proposed in the post-transition DTV Table Appendix B when these changes pertain to speculative future events or could best be accomplished through the upcoming application process. These requests are not for modifications of the coverage area as defined by the proposed DTV Table Appendix B to match authorized or licensed coverage. Instead, these stations comment that they may be unable to serve the coverage area, which is described in the proposed DTV Table Appendix B, on their post-transition channel due to differences in station parameters on the new channel or different equipment the station would like to use. These are changes that should be requested in an application to construct or modify post-transition facilities on the new channel filed consistent with the procedures and standards for such applications adopted in the Third DTV Periodic Review proceeding, including compliance with the filing freeze and interference standard.

52. Commenters notified the Commission of possible future changes to the parameters for 13 stations. See Comments of Pappas Entities, filed Jan. 25, 2007, at 4–5 (relating to station KSWT–DT, Yuma, AZ) and at 6 (relating to station KDBC–DT, El Paso, TX); Comments of Mission Broadcasting Inc. ("Mission"), filed Jan. 25, 2007, at 6–7 (relating to station KJTL–DT, Wichita Falls, TX) and at 10 (relating to WFXP–DT, Erie, PA); See Comments of Twin Cities, at 3 (relating to NCE station KTCI–DT, St. Paul, MN); Comments of The Arizona Board of Regents ("Arizona Board"), filed Jan. 25, 2007, at 1 (relating to NCE station KAET–DT, Phoenix, AZ); Comments of Barrington Peoria License LLC ("Barrington Peoria"), filed Jan. 25, 2007, at 1 (relating to NCE station WHOI–DT, Peoria, IL); Comments of the Board of Trustees of Northern Michigan

University ("Northern Michigan"), filed Jan. 10, 2007, at 2 (relating to NCE station WNMU–DT, Marquette, MI); Comments of Puerto Rico Public Broadcasting Corporation, filed Jan. 25, 2007 (relating to station WIPR–DT, San Juan, PR); Comments of PTCB at 1 (relating to station KPCB–DT, Snyder, TX, whose proposed post-transition DTV Appendix B facilities accurately reflect the coverage of the KPCB certified construction permit); Comments of CBS Corporation ("CBS"), filed Jan. 25, 2007, at 4 (relating to station KCBS–DT, Los Angeles, CA); and Comments of Tribune Broadcasting Company ("Tribune"), filed Jan. 29, 2007, at 5 (relating to stations WGNO–DT and WNOL–DT, New Orleans, LA). In general, these commenters anticipate filing requests for changes to station parameters in the future, but do not yet have all of the information necessary to request changes at this time. See, e.g., Comments of Pappas Entities at 4–5 (stating intent to duplicate its analog facilities for KSWT–DT) and at 6 (speculating possible need for new site for KDBC–DT); Comments of Mission at 6–7 and at 10 (stating future intent to modify KJTL–DT and WFXP–DT); and Comments of Tribune at 3 (stating intent to apply for different facilities not yet determined for WGNO–DT and WNOL–DT, both of which were destroyed by Hurricane Katrina). On July 23, 2007, Tribune filed an *ex parte* specifying the new parameters for these stations. See Tribune *ex parte* (dated July 23, 2007). In addition, in cases where a station certified to replication facilities or will not use its current DTV channel for post-transition operations, some stations comment that they may not be able to construct the precise facilities specified in the proposed DTV Table Appendix B. For example, Pappas Entities, which certified to replication facilities for KSWT–DT, argues in its comments that it is virtually impossible for a VHF directional antenna to duplicate exactly the directional pattern originally designed for a UHF antenna. This issue was addressed in the *Third DTV Periodic Review NPRM* (72 FR 37310, July 9, 2007) ("Third DTV Periodic Review NPRM") at ¶¶ 92–93 (proposing post-transition application rules and procedures). In general, these stations note that, while the station seeks to serve the same coverage area on the post-transition channel as defined by the facilities specified in Appendix B, the station will operate with different equipment and/or other parameters on the channel than those specified in Appendix B. See, e.g., Comments of Twin Cities at 3 (stating intent to use



another station's existing antenna for KTCI-DT); Comments of Arizona Board at 1 (stating intent to use its analog channel's existing antenna for KAET-DT); Comments of Barrington Peoria at 1 (stating intent to use its analog channel's existing top-mounted antenna site for WHOI-DT); Comments of Northern Michigan at 2 (stating intent to use its analog channel's existing antenna site for WNMU-DT); Comments of PTCB at 1 (stating intent to use its analog channel's parameters for KPCB-DT); and Comments of CBS at 4 (stating intent to use another station's parameters for KCBS-DT). We find that these speculative or incomplete requests are not yet ripe for Commission action. If and when these stations need to request changes to station parameters and have full information regarding the nature of the changes, the station should file a request following the procedures appropriate for the change requested.

53. In response to these premature or speculative requests to modify facilities, we refer commenters to our discussion in the *Third DTV Periodic Review NPRM* concerning the rules and procedures for filing applications for construction permits to build stations' post-transition (DTV) facilities and to request authorization to maximize facilities. We remind stations that they must file construction permit or modification applications (i.e., FCC Form 301 or 340) if they need to request authority to construct or modify their post-transition facilities. Moreover, in the *Third DTV Periodic Review NPRM*, the Commission proposed that stations must limit their applications to those facilities specified in the new DTV Table Appendix B and that applications requesting facilities that would serve a larger area than stations' new DTV Table Appendix B facilities would not be accepted. Stations that wish to apply for reduced facilities may do so, but must comply with the reduction standard ultimately adopted in the Third DTV Periodic Report and Order.

54. The appropriate rules, procedures and timing for filing these applications will depend on whether the station will be using its current DTV channel or another channel for post-transition operations. Stations KSWT-DT, KDBC-DT, KJTL-DT and WFXP-DT will use their current DTV channel for post-transition operations. These stations, and others that seek to modify their facility on their current DTV channel, may file an application at any time, provided they comply with the relevant interference standard and do not violate the filing freeze. In response to Pappas Entities' request for clarification on this issue, we note that the filing freeze does

not preclude the filing of an application to modify a construction permit to specify facilities listed for the station in the post-transition DTV Table Appendix B. Accordingly, Pappas can file for modification based on current rules and procedures and does not need a waiver of the freeze. However, to the extent that Pappas seeks a change in its post-transition DTV facilities that would result in an expanded or shifted coverage area, such a change would violate the filing freeze and Pappas must wait until the freeze is lifted to make such a request.

55. Stations KTCI-DT, KAET-DT, WHOI-DT, WNMU-DT, KPCB-DT, WIPR-DT, and KCBS-DT will use a different channel from their current DTV channel for post-transition operations. These stations, and others that seek to use their analog channel or a new channel for post-transition operations, may not file an application to construct their post-transition facilities until the final post-transition rules and procedures are established by the Report and Order in the Third DTV Periodic Review proceeding. We recognize that these stations may need to request different parameters from those specified in the post-transition DTV Table Appendix B, even though these stations are not seeking to change the coverage area of their post-transition channel. These stations should address this situation in their applications for their post-transition channels. If a station that is moving to a different channel for post-transition use determines that the parameters necessary to serve the coverage area specified in the post-transition DTV Table Appendix B differ from those specified in the post-transition DTV Table Appendix B, it should apply for those changes in its application. The Commission will evaluate those applications using the interference standard and other processing standards adopted in the Third DTV Periodic Report and Order.

56. We note that some commenters have asked for changes to the proposed post-transition DTV Table Appendix B facilities to conform to specific parts of their licensed or authorized facilities. Although we are allowing stations to change their certifications and post-transition DTV Table Appendix B facilities to reflect an existing license or authorization, stations must conform to all portions of that license or authorization and may not choose various parts of that license or authorization.

57. *WGNO and WNOL, New Orleans, LA.* Tribune Television New Orleans, Inc. ("Tribune"), licensee of station

*WGNO*, channel 26, and permittee of *WGNO-DT*, channel 15, New Orleans, LA, received channel 26 for its TCD in the proposed DTV Table. Tribune is also the licensee of station *WNOL*, channel 38, and permittee of *WNOL-DT*, channel 40, New Orleans, LA, which received channel 15 for its TCD in the proposed DTV Table. Tribune states that the analog and digital transmission facilities of both of these stations were destroyed by Hurricane Katrina. Tribune states that it has worked to resume and then improve reduced-power analog operations for both stations but that it has not yet been able to restore DTV operations. Tribune is evaluating alternative sites for the DTV operations of these stations and recently reported that it has finalized negotiations to relocate the digital operations of the stations to another tower. Tribune recently filed an *ex parte* to request that the proposed DTV allotments for *WGNO* and *WNOL* be changed to reflect the technical parameters for the facilities it will construct at the new site. The Commission is committed to continuing to work with stations affected by Hurricane Katrina to help those stations commence or re-commence operations. Because this request applies to post-transition operations, we will offer the proposal for further comment.

#### *Proposals Subject to the Filing Freeze*

58. We deny the requests of stations seeking a waiver of the filing freeze, except for one station which has demonstrated unique circumstances. Seven stations filed comments requesting a change in and/or expansion of the facilities specified in the proposed post-transition DTV Table Appendix B that is inconsistent with the August 2004 filing freeze. This freeze on the filing of certain applications was imposed to provide for a stable database while the Commission developed the post-transition DTV Table. The freeze precludes any expansion of a station's post-transition noise limited service contour beyond that of the station's certified Grade B contour. The freeze remains in effect while the DTV Table is being finalized to assist the Commission in providing stations with authorizations for post-transition facilities. The stations whose comments are discussed below are not requesting changes to DTV Table Appendix B to reflect authorized facilities to which they could have certified on FCC Form 381, consistent with the 0.1 percent interference standard, or to match constructed and operating facilities. In contrast, the stations discussed below are requesting changes that violate the filing freeze and do not meet the criteria



for a change to certified facilities discussed in the *Seventh Further Notice*.

59. For one station, WLAE, New Orleans, LA, we hereby waive the filing freeze and make the changes requested to the DTV Table Appendix B adopted herein. For the reasons discussed below, we believe that a waiver of the freeze for this station is warranted. For the other stations discussed below, we decline to waive the filing freeze and decline to make the requested changes to Appendix B. In order to preserve the integrity of the licensing process and avoid giving certain stations an unfair advantage over others in seeking expanded facilities, we have granted waivers of the filing freeze only in very limited circumstances. In general, before we can consider stations' requests to modify and, in particular, expand their DTV facilities, we must first ensure that all stations can at least provide digital service to their analog viewers by the transition date. Except for the unique circumstances present in the case of WLAE, we find that these stations have failed to demonstrate that a waiver of the freeze would advance their transition to DTV or that the station's circumstances warrant a waiver of the freeze for any other reason. A description of these stations' individual circumstances is provided below.

60. *WLAE, New Orleans, LA.* Educational Broadcasting Foundation, Inc. ("EBFI"), licensee of NCE station WLAE, channel 32 and permittee of WLAE-DT, channel 31, New Orleans, LA, received channel 31 for its TCD in the proposed DTV Table. EBFI did not file a Form 381 for WLAE and, accordingly, the station received replication facilities in the proposed post-transition DTV Table Appendix B. At the time that certifications were due, WLAE-DT had a construction permit for maximized facilities. In August 2005, WLAE's facilities were destroyed by Hurricane Katrina. EBFI now asks to change the station's certification to its previously authorized maximized facilities.

61. We will waive the freeze to allow WLAE-DT to apply for the maximized facilities specified in its initial construction permit. WLAE was one of the 41 stations expressly invited to request maximized facilities for which they would have been allowed to certify. As noted above, the WLAE-DT maximized facilities were authorized at the time that certifications were filed. Our actions herein will aid in the restoration of public television service to the city of New Orleans.

62. *WBPG, Gulf Shores, AL.* LIN of Alabama, L.L.C. ("LIN"), singleton licensee of analog station WBPG,

channel 55, Gulf Shores, AL, received channel 25 for its TCD in the proposed DTV Table. The previous licensee of WBPG certified on FCC Form 381 that the station did not have a digital allotment and would operate post-transition based on its currently authorized analog facilities. In comments filed to this proceeding, LIN seeks to maximize its Appendix B facilities for WBPG by increasing its ERP, changing its antenna pattern, and changing transmitter location. The changes requested would violate the filing freeze. LIN does not have an existing authorization for these facilities and does not meet the criteria for a change to certified facilities discussed in the *Seventh Further Notice*.

63. *WUOA, Tuscaloosa, AL.* The Board of Trustees of the University of Alabama ("University of Alabama"), singleton licensee of analog station WUOA, channel 23, Tuscaloosa, AL, received channel 23 for its TCD in the proposed DTV Table. The previous licensee of WUOA, Channel 23, LLC, certified in its FCC Form 381 that it did not have a DTV channel allotment and intended to operate its post-transition station based on its currently authorized analog license. In comments filed to this proceeding, the University of Alabama seeks to maximize the Appendix B facilities for WUOA by increasing the permitted ERP, changing the antenna pattern, and changing transmitter location. The facilities requested would violate the filing freeze. The University of Alabama does not have an existing authorization for such facilities and the request does not meet the criteria for a change to certified facilities discussed in the *Seventh Further Notice*.

64. *KQSD, Lowry, SD.* South Dakota Board of Directors for Educational Telecommunications ("SDBD"), licensee of NCE station KQSD-TV, channel \*11 and KQSD-DT, channel \*15, Lowry, SD, received its analog channel \*11 for its TCD in the proposed DTV Table. In its FCC Form 381, SDBD certified to replication facilities and was given the allotted replication facilities in the proposed Appendix B. In its comments, SDBD requests a change in Appendix B for KQSD-DT to increase the HAAT and change the geographic coordinates. These changes violate the filing freeze. KQSD does not have a current authorization for these facilities and the request does not meet the criteria for a change to certified facilities discussed in the *Seventh Further Notice*.

65. *KNVA, Austin, TX.* 54 Broadcasting, Inc. ("54 Broadcasting"), licensee of station KNVA, channel 54, and KNVA-DT, channel 49, Austin, TX, received channel 49 for its TCD in the

proposed DTV Table. In its FCC Form 381, 54 Broadcasting certified that KNVA would operate post-transition at maximized facilities as authorized by an existing construction permit. 54 Broadcasting's comments request that its allotment be changed to allow operation post-transition at a lower ERP but using an omnidirectional instead of a directional antenna to provide more viewers with DTV service. These requested changes would violate the freeze. KNVA does not have a current authorization for these facilities and the request does not meet the criteria for a change to certified facilities discussed in the *Seventh Further Notice*.

66. *KPXC, Denver, CO.* Paxson Denver License, Inc. ("Paxson"), licensee of station KPXC-TV, channel 59, and permittee of KPXC-DT, channel 43, Denver, CO, received channel 43 for its TCD in the proposed DTV Table. In its FCC Form 381, Paxson certified to replication facilities, which are reflected in the proposed Appendix B parameters for KPXC-DT. In its comments, Paxson seeks a change in KPXC's certified facilities to conform to those it recently requested in a January 2007 construction permit application, including a site change. Paxson states that the would-be tower owner at the original KPXC-DT site received initial local zoning board approval from the Board of Commissioners of Jefferson County in 2003, which was affirmed by the Jefferson County District Court. In 2006, however, the decision was overturned by the Colorado Appeals Court which remanded the case to the Board of Commissioners. The Board of Commissioners subsequently sought certiorari from the Colorado Supreme Court, which has yet to make a decision. Paxson states it "has no expectation that it could construct the station on Mt. Morrison before the statutory termination of analog service" and it would thus be "more reasonable for the allotment to correspond to the parameters proposed in the new CP application."

67. Paxson's request would result in a significant shift in the area served by KPXC, such that the station's digital signal would not reach a large area that is currently served by this station, and would violate the filing freeze. We are concerned, however, about the zoning issue faced by this station and by Paxson's stated expectation that it will not be able to construct its full DTV facility before the transition deadline on February 17, 2009. While we do not believe that shifting Paxson's coverage as proposed is the proper resolution, and therefore deny Paxson's request for a waiver of the freeze, we hereby invite

Paxson to propose another site that would result in a less dramatic change to its current service area and population. We will consider such a request in the application process following adoption of the Report and Order in the Third DTV Periodic Review proceeding. We also urge Paxson to keep us informed concerning progress and events in the zoning case in Colorado.

68. *WMHT, Schenectady, NY*. WMHT Educational Telecommunications ("WMHT"), licensee of NCE station WMHT-TV, channel \*17, and permittee of WMHT-DT, channel \*34, Schenectady, NY, received channel \*34 for its TCD in the proposed DTV Table. In its comments, WMHT supports the proposed allotment of channel \*34 but requests a change of its community of license from Schenectady to Albany. WMHT argues that it should be allowed to change its community of license because its market is defined as a hyphenated market, Schenectady-Albany, in the NTSC Table of Allotments. In addition, WMHT argues that the station's "Troy studio and Altamont tower locations permit it to serve the entire New York Capital District and beyond." No other comments were filed related to this TCD.

69. We decline to make the allotment change requested by WMHT at this time. The Commission did not use hyphenated markets in the initial DTV Table and did not use hyphenated markets in the new DTV Table proposed in the *Seventh Further Notice*. While the market may have been hyphenated in the NTSC Table, WMHT's license lists the station's market as Schenectady and not as a hyphenated market. WMHT's request to change its community of license is precluded by the Commission's filing freeze. We further conclude that WMHT has not demonstrated that a waiver of the freeze is warranted. WMHT does not suggest that the change in community of license is necessary to advance its digital transition process. Instead, WMHT states only that the proposed change "entails no change in the current operation," "will result in no diminution of service to Schenectady," and is intended for "future state funding, grant funding, and membership recruitment" because an Albany community license provides "greater recognition to the licensee's operations." We note that WMHT may seek a change in its community of license after the freeze is lifted, consistent with the Commission's rules for post-transition operations.

#### *Stations Not Eligible To Participate in the Channel Election Process*

70. We deny the requests of pending applicants for a new television station to add new allotments to the post-transition DTV Table. Comments were filed by such pending applicants arguing that the Commission failed to include such allotments in the proposed DTV Table. In each case, the commenter has an application for a construction permit for a new television station on the requested new allotment pending at the Commission. In the *Second DTV Periodic Report and Order*, the Commission made it clear that only Commission licensees and permittees would be eligible to participate in the channel election process. Applicants for new stations and petitioners for new allotments were expressly excluded from making elections. In the *Seventh Further Notice*, we noted that a number of pending applications for new television stations had been granted since the start of the channel election process, and we accommodated those permittees with TCDs in the proposed DTV Table. In addition, we announced a method by which we would assign TCDs to other new permittees whose pending applications for new television stations were granted before an Order finalizing the DTV Table is adopted. We also stated that, before the end of the transition, we would issue an NPRM to amend the DTV Table in order to allot a DTV channel for each remaining authorized facility that does not have an allotted DTV channel. Thus, if any other pending applications are granted before the end of the transition, we will attempt to accommodate these stations with a DTV channel for post transition operation.

#### *Stations Awaiting International Coordination*

71. In the *Seventh Further Notice*, the Commission noted that proposed allotments near the U.S.-Canadian and U.S.-Mexican borders require coordination with those countries. The Commission stated that our international negotiations are continuing in a cooperative manner and we indicated that we do not believe that these negotiations will delay stations' ability to construct their post-transition facilities. We continue to believe that international coordination of digital allotments will proceed in a manner that will allow affected stations to construct digital facilities by the transition deadline. In some cases, however, stations may need to proceed with constructing authorized facilities to the extent approved by Canada or

Mexico, even if those facilities differ from the preferred facilities sought by the station, if international coordination issues arise that delay action on a pending application and those issues cannot be resolved in time to allow construction to be completed before the end of the transition.

72. We note that all stations in the U.S.-Canadian or U.S.-Mexican border area with a TCD on a channel that is not their current digital channel will have to file an application for the TCD channel following adoption of the Report and Order in the Third DTV Periodic Review proceeding. A list of these stations is attached hereto in Appendix D4. The Commission is working to coordinate all Appendix B facilities as a group so that individual applications do not need to be coordinated. If there are circumstances where this is not possible, the Commission will work with these stations to expedite international coordination of their applications.

73. In the *Seventh Further Notice*, the Commission identified two allotments for which it had received recent objections from Industry Canada: WBSF-DT, (TCD on channel 46), Bay City, MI and KAYU-DT, (TCD on channel 28), Spokane, WA. The Commission included the TCDs for these channels in the proposed DTV Table, but sought comment from these licensees concerning whether they are willing to reduce coverage on the TCD in order to address Canadian concerns. The Commission also noted that these licensees could request an alternative post-transition DTV allotment. Both of these stations have filed comments indicating their belief that the current proposed TCD does not in fact cause impermissible interference, and have submitted engineering statements in support of their positions. These stations request that the Commission continue to negotiate with Industry Canada to permit them to operate on the TCD proposed in the *Seventh Further Notice*. We are adopting our proposed allotments for these stations, subject to our continuing negotiations with Canada which relate to these allotments as well as all other new DTV allotments in the border area.

#### *Resolution of TCDs Pending After Round Three*

74. We adopt our tentative conclusions in the *Seventh Further Notice* with respect to the resolution of four allotments that remained outstanding after TCDs were announced for the third round of channel elections. The Commission noted that these TCDs represented challenging and difficult

cases in crowded markets necessitating waiver of the freeze or the 0.1 percent interference standard in order to find appropriate channels for post-transition operation that would ensure the best possible service to the public and promote overall spectrum efficiency. We received comments from some of the parties involved in these cases and address each of these proposed allotments below.

75. *WABC, New York, NY.* American Broadcasting Companies, Inc. ("ABC"), the licensee of station WABC-TV, channel 7 and WABC-DT, channel 45, New York, NY, was granted a waiver of the 0.1 percent interference standard in the *Seventh Further Notice* and received channel 7 for its TCD in the proposed DTV Table. ABC and The New Jersey Public Broadcasting Authority ("NJPBA"), the permittee of WNJB-DT, channel \*8, New Brunswick, NJ, filed comments related to this TCD. During the channel election process, NJPBA initially objected to the grant of a waiver for WABC and later sought a waiver of the freeze to move its digital operations on channel 8 to New York City. These arguments were fully considered by the Commission in deciding to grant ABC's request for waiver of the 0.1 percent interference standard, required in light of the predicted 2.8 percent new interference to WNJB. The Commission concluded that the loss of service for WABC would affect current viewers of WABC, while the predicted loss of service for WNJB would affect areas outside of its current service area and primarily outside of the state of New Jersey. The Commission noted that WABC has been a pioneer of digital service, having built full-power digital operations in 2001 and re-built them first at Four Times Square and then on the Empire State Building, with a back-up facility at Alpine Tower in New Jersey, after the September 11, 2001 loss of the World Trade Center. In addition, the Commission noted that allotting channel 7 to WABC would eliminate any interference concerns between WABC and both WEDH-TV, an NCE station in Hartford, CT (analog channel \*24, post-transition digital channel \*45), and WOLF-TV in Hazleton, PA (analog channel 56, post-transition digital channel 45).

76. Because ABC sought the waiver during the channel election process, both parties had an opportunity to present their arguments prior to the adoption of the *Seventh Further Notice*. We find that NJPBA has not raised any new arguments that would cause us to reverse our grant of the interference standard waiver to ABC. We note that NJPBA contests the Commission's

statement in the *Seventh Further Notice* that WNJB had not built its digital facility. In fact, WNJB has built only smaller DTV facilities pursuant to STA and has still not constructed its full, authorized DTV facility, in contrast to WABC's early construction and rebuilding of full DTV facilities after the September 11, 2001 destruction of their facilities.

77. NJPBA also claims that, based on an agreement between the parties, it is entitled to a waiver of the Commission's current freeze on modification applications and thereby allowed to co-locate its transmitting facilities at Four Times Square in New York City. As noted by ABC, NJPBA did not file its application and waiver request to modify WNJB-DT's facilities until after release of the *Seventh Further Notice*. Moreover, NJPBA offers no showing that it could not achieve its transition absent a waiver of the freeze. Thus, we disagree with NJPBA that allotment of channel 7 to ABC necessitates, or entitles NJPBA to, a waiver of the freeze. The Media Bureau will consider WNJB's application and waiver request in the normal course of processing. As noted in the *Seventh Further Notice*, consideration of NJPBA's application is best left until after the filing freeze is lifted. Accordingly, we allot channel 7 to WABC.

78. *WEDH, Hartford, CT and WEDN, Norwich, CT.* Connecticut Public Broadcasting, Inc. ("CPBI"), the licensee of NCE stations WEDH, channel \*24, permittee of WEDH-DT, channel \*32, Hartford, CT and WEDN, channel \*53, permittee of WEDN-DT, channel \*9, Norwich, CT, received a TCD of channel \*45 for WEDH in Hartford and a TCD of channel \*9 for WEDN in Norwich in the proposed DTV Table. In proposing these allotments, the Commission found it necessary to supersede a pending swap application and rulemaking pertaining to CPBI's pre-transition facilities. CPBI filed comments in favor of these proposed allotments. No comments were filed opposing these proposed allotments. Accordingly, we allot channel \*45 to WEDH, Hartford, CT and channel \*9 to WEDN, Norwich, CT.

79. Although CPBI supported the post-transition allotments, it objected to the Commission's decision to supersede the swap application and channel substitution rulemaking proceedings associated with the changes CPBI requested for its Hartford and Norwich stations. We cannot reinstate these applications without vitiating the basis for the post-transition channel allotments for WEDH and WEDN. We recognize, however, that CPBI wants to use their new allotments for pre-

transition DTV operations. In that regard, we note that the *Third DTV Periodic Review NPRM* seeks comment on a proposal to allow stations that are moving to new post-transition channels (such as WEDH and WEDN) to begin operating on their new channels before the transition date, under certain conditions. If such a proposal is adopted, CPBI would be able to apply for pre-transition DTV operations on their new allotments.

80. *KTFK, Stockton, CA.* Telefutura Sacramento, LLC ("Telefutura"), the licensee of station KTFK-TV, channel 64, and KTFK-DT, channel 62, Stockton, CA, was granted a waiver of the filing freeze in the *Seventh Further Notice* to permit it to modify KTFK's certified facilities and receive channel 26 for its TCD in the proposed DTV Table. No comments were filed opposing this proposed allotment. Accordingly, we adopt this TCD and allot channel 26 to KTFK, Stockton, CA.

81. *KVIE, Sacramento, CA.* KVIE, Inc., the licensee of NCE station KVIE, channel \*6 and KVIE-DT, channel \*53, Sacramento, CA, was granted a waiver of the 0.1 percent interference standard and received channel \*9 for its TCD in the proposed DTV Table. KVIE, Inc. filed comments in favor of the proposed allotment. No comments were filed opposing this proposed allotment. Accordingly, we adopt this TCD and allot channel \*9 to KVIE(TV), Sacramento, CA.

#### *TCDs for New Permittees Granted During Proceeding*

82. We adopt the TCDs announced for the six new permittees in the *New Permittees Public Notice* (72 FR 2485, January 19, 2007) ("New Permittees Public Notice"). As discussed, *supra*, six pending applications were granted during this rulemaking, and proposed TCDs for the new permittees were published for comment in the *New Permittees Public Notice*. There were no comments, or only favorable comments, regarding the TCDs of five of the permittees, and they are therefore included in this *Report and Order's* modified DTV Table and Appendix B. An objection was raised to the TCD of one of the new permittees, and is discussed below.

83. *KCWV, Duluth, MN.* George S. Flinn, III, new permittee of station KCWV-TV, channel 27, Duluth, MN, received channel 27 for KCWV's TCD in the Public Notice. The State of Wisconsin—Educational Communications Board ("ECB") filed comments in opposition. ECB is the licensee of NCE station WHWC-DT, Channel \*27, Menomonie, WI, which

received channel 27 for its TCD in the proposed DTV Table. ECB states its belief that the proposed allotment of channel 27 to Duluth “would cause interference to WHWC–DT for 10,995 persons, or 1.290 percent of its noise limited service area,” including “new interference from Duluth channel 27 of 0.345 percent of the population served.” ECB asks the Commission to instead assign channel 47 to KCWV, arguing that such an allotment “would cause considerably less interference.” Mr. Flinn did not file a reply.

84. Prior to the issuance of the *New Permittees Public Notice*, the TCDs of all new permittees were analyzed using computer software techniques that have been validated through extensive testing and comparison of results with similar software used by other parties participating in this proceeding. At that time, the Commission’s interference analysis indicated that no station would receive impermissible interference from KCWV’s TCD. We have considered the analysis offered in ECB’s pleadings, and we find that they do not match our findings. We are confident that the results of our interference analysis are correct and accurately reflect the service areas to be provided with the facilities specified and the interference conditions that are expected to be present among stations. We therefore include KCWV in the modified DTV Table and Appendix B.

#### *Stations To Be Deleted From the DTV Table*

85. Two stations, Delta College, licensee of NCE station WDCP–TV, University Center, MI, analog channel \*19 and permittee of DTV channel \*18, and Rockfleet Broadcasting II, LLC, (“Rockfleet”) licensee of station WFUP, channel 45, and permittee of WFUP–DT, channel 59, Vanderbilt, MI (satellite station of WFUX–TV, Cadillac, MI), have notified us that they do not intend to construct DTV facilities and will cease operation after February 17, 2009. Delta College filed a comment and requested that we delete the TCD for WDCP on channel 18 from the Table of Allotments.

86. Rockfleet notified us during the first round of the channel elections that it does not intend to construct a post-transition DTV facility for WFUP. Rockfleet explained that Vanderbilt will be served by the digital signal of WFUX–DT. Consequently, we did not assign a TCD for this station. Rockfleet will surrender its license for cancellation after February 17, 2009.

#### *4. Other Requests*

87. *WSWP, Grandview, WV.* We grant the request of West Virginia Educational Broadcasting Authority (“WVEBA”), licensee of NCE station WSWP–TV, channel \*9 and permittee of WSWP–DT, channel \*53, Grandview, WV, which received channel \*10 for its TCD in the proposed DTV Table, for a waiver of the 0.1 percent interference standard up to 2.0 percent and to the extent that it is consistent with the filing freeze. WVEBA requests a waiver of the 0.1 percent interference standard, claiming that WSWP–DT cannot replicate the station’s existing analog service area on the proposed allotment for channel \*10. Davis Television Clarksburg, LLC (“DTC”), permittee of WVFY–DT, channel 10, Clarksburg, WV, and TCD on channel 10 in the proposed DTV Table, filed reply comments opposing WVEBA’s waiver request.

88. In the first channel election round, WVEBA elected its analog channel \*9; however, this election was determined to cause more than 2.0 percent new interference, and, thus, disapproved. In the second round, WVEBA elected channel 11, but this election was also rejected because it was determined to cause more than 0.1 percent new interference. In the third round, WVEBA elected channel 10. This election was also determined to cause more than 0.1 percent new interference. Consequently, WVEBA received channel \*10 as its TCD, but at reduced facilities in order to bring the station into compliance with the 0.1 percent interference standard. Specifically, WSWP’s ERP was reduced to 2.5 kW. In response to the *Third Round TCD PN*, WVEBA filed a “Request for Partial Reconsideration,” supporting its proposed channel allotment, but requesting to operate at 10 kW in order to “adequately serve the station’s current audience.”

89. The *Seventh Further Notice* proposed channel \*10 as WSWP’s TCD at 2.5 kW ERP in the post-transition DTV Table. WVEBA filed comments in response to the *Seventh Further Notice* and now asks for 20 kW ERP. WVEBA contends that this power level is necessary for the station to replicate its analog coverage.

90. WVEBA certified to its replication facilities on Form 381. WVEBA claims that its current analog station serves 906,075 people and that its proposed operation of its digital facility on channel 10 at 20 kW ERP would serve 900,098 people. WVEBA further asserts that its proposal to operate WSWP at 20 kW ERP will result in new interference of 0.7 percent to WVFY–DT, which it acknowledges exceeds the 0.1 percent

interference standard, but claims is necessary “to meet its certification to replicate its NTSC coverage.” DTC replies that WVEBA overstates WSWP’s present analog population coverage and understates the interference to WVFY–DT, claiming that WVEBA’s proposal would cause more than 1.4 percent new interference.

91. We agree with DTC that WVEBA overstates WSWP’s present analog population coverage, but we also concur with WVEBA that WSWP–DT’s operation at the proposed 2.5 kW ERP would not fully replicate its existing analog coverage. We also find, however, that operation of channel \*10 at 20 kW ERP would exceed the station’s certified replication facilities and violate the current freeze on expansion of a noise limited service contour beyond its certified replication contour. To resolve the conflict, we have analyzed WSWP’s channel facilities using a modified replication approach to derive the proposed facilities from the analog Grade B contour on which the initial DTV Table facilities were based and determined that WSWP could replicate its analog coverage at 18.6 kW. Operation of WSWP–DT at 18.6 kW, however, would cause 1.73 percent new interference to WVFY–DT, which exceeds the 0.1 percent interference standard. Therefore, we must consider WVEBA’s waiver request.

92. In evaluating WVEBA’s request for a waiver of the 0.1 percent interference standard, we find that although WVEBA’s circumstances are dissimilar to two stations that were granted waivers in the *Seventh Further Notice*, WVEBA does offer important public interest bases that merit a waiver in this case. First, WVEBA had an out-of-core DTV channel, which would have warranted a 2.0 percent interference allowance to elect its analog channel \*9 in the first round. However, use of channel 9 would have exceeded the 2.0 percent standard. Second, although there are UHF channels available in its market, WVEBA has argued persuasively that a UHF channel would not replicate the station’s analog coverage due to the mountainous terrain in WSWP’s service area and would require this educational station to incur “significant increased capital and operational costs.” Third, NCE station WSWP offers unique educational programming to an economically disadvantaged community that relies on over-the-air broadcasting for their TV service.

93. Our analysis indicates that WSWP’s operation on channel 10 with full replication facilities would cause less total interference than would its

operation on channel 9, 11 or any other high VHF channel. We conclude that WSWP would have been eligible for up to 2.0 percent new interference using its own analog channel 9 for post-transition DTV operation. Operation on channel 9 would have exceeded 2.0 percent new interference, while operation on channel 10 at 18.6 kW does not. Therefore, we grant WVEBA's request for waiver of the 0.1 percent interference standard and establish its Appendix B facilities at 18.6 kW ERP on channel \*10.

94. *KTAZ, Phoenix, AZ.* We grant the request of NBC Telemundo License, Co. ("NBC Telemundo"), licensee of singleton station KTAZ, channel 39, Phoenix, AZ, which received channel 39 for its TCD in the proposed DTV Table, to change station KTAZ's post-transition DTV Table Appendix B facilities. In 2005, the Commission approved a modification to the analog Table of Allotments sought by NBC Telemundo and Community Television Educators, Inc. ("CTE") which substituted Channel 39 for noncommercial reserved Channel 39 (\*39) in Phoenix, substituted noncommercial reserved Channel 11 (\*11) for Channel 11 in Holbrook, Arizona, and authorized NBC Telemundo to operate on Channel 39 in Phoenix and CTE to operate on Channel \*11 in Holbrook. The Commission subsequently granted minor modification applications filed by the parties to implement the channel substitutions. The proposed post-transition DTV Table Appendix B lists the Facility ID for the former Channel \*39 facility for KTAZ, rather than the Facility ID for the new Channel 39 facility. NBC Telemundo requests that Appendix B be revised to reflect the correct Facility ID for the new Channel 39 facility.

95. In addition, NBC Telemundo states that the technical facilities specified in Appendix B for Channel 39 are no longer accurate. KTAZ does not have a paired digital channel. The technical facilities specified in Appendix B for Channel 39 reflect the digital parameters applied for by CTE prior to the channel substitutions. NBC Telemundo states that it recently relocated the Channel 39 analog facility to a new tower.

96. We have revised DTV Table Appendix B as adopted herein to reflect operation of a digital station on Channel 39 in Phoenix with parameters reflected in the analog authorization approved by the Commission for KTAZ. In addition, we have revised Appendix B to reflect the correct Facility ID for both KTAZ and Channel \*11 in Holbrook.

97. *WNYA, Pittsfield, MA.* In response to comments filed opposing the proposed post-transition facilities of WNYA, Pittsfield, MA, we will change station WNYA's post-transition DTV Table Appendix B facilities. Venture Technologies Group, LLC, licensee of singleton station WNYA, channel 51, Pittsfield, MA, received channel 13 for its TCD in the proposed post-transition DTV Table. WNYT-TV, LLC ("WNYT"), licensee of station WNYT, channel 13, and WNYT-DT, channel 12, Albany, NY, which received channel 12 for its TCD in the proposed post-transition DTV Table, objects to the facilities proposed for WNYA in the post-transition DTV Table Appendix B. WNYA did not respond to the WNYT comments.

98. The proposed post-transition DTV Table Appendix B specifies a site change for WNYA which would move that station's DTV facility from the WNYA analog site in Pittsfield to WNYT's licensed site near Albany. WNYA specified this site change in its second round conflict decision form (FCC Form 385) to resolve an interference conflict of 3.7 percent with WNYT, which resulted from WNYA's election of channel 13. In its comments, WNYT claims that the ERP of 28kW that is proposed for WNYA in Appendix B, is substantially in excess of that permitted for a DTV station on channel 13 in Zone 1. WNYT requests that the Commission revise Appendix B for WNYA to specify the Pittsfield site for that station with parameters that would permit WNYA to comply with its FCC Form 381 certification.

99. WNYT is correct that the power specified in the proposed Appendix B for WNYA exceeds the maximum allowed pursuant to 73.622(f)(7)(ii). At an HAAT of 396 meters, the maximum ERP for a channel 13, Zone 1 DTV station is 12.6 kW. However, WNYT's request that we change WNYA's Appendix B facilities to specify the Pittsfield transmitter site would not address the interference conflict found in round 2 of the channel election process.

100. We conclude that WNYA can serve most of its certified coverage area from the site near Albany, at reduced power. We have determined that WNYA can provide an acceptable predicted field strength over Pittsfield, Massachusetts, its city of license, based on its FCC Form 385 facilities with its maximum ERP reduced from the proposed 28 kW to 12.6 kW. In addition, at this reduced power, WNYA's operation on channel 13 will cause any additional interference. Therefore, we

are changing Appendix B to specify an ERP for WNYA of 12.6 kW.

101. *WLFL, Raleigh, NC.* We deny the request of Sinclair Broadcast Group, Inc. ("Sinclair"), the parent entity of the licensee of station WLFL, channel 22 and permittee of WLFL-DT, channel 57, Raleigh, NC, which received channel 27 for its TCD in the proposed DTV Table. We conclude that it is not necessary to increase the ERP for this station.

102. In its Form 381, Sinclair certified to maximized facilities for WLFL-DT as authorized by its construction permit. In the first round, Sinclair obtained a TCD for channel 27 through an approved NCA with station WRDC, Durham, NC. Sinclair's comments claim that the power listed for channel 27 on Appendix B is incorrect. In fact, the proposed channel 27 power is less than the certified channel 57 power so that the post-transition facilities will match the certified facilities' coverage. Consequently, no change in Appendix B is needed to provide WLFL-DT with its certified coverage.

103. *KCET, Los Angeles, CA.* Community Television of Southern California ("CTSC"), licensee of NCE station KCET, channel \*28, and KCET-DT, channel \*59, Los Angeles, CA, received channel \*28 for its TCD in the proposed DTV Table. CTSC states in its comments that it certified that it would operate noncommercial educational station KCET with maximized facilities on channel \*28 for post-transition operations but the Commission disapproved the election because it was projected to cause interference of 2.3 percent to the elected DTV channel 27 of KEYT, Santa Barbara, California (analog channel 3, post-transition digital channel 27). CTSC states that it changed its election to specify replication facilities on channel \*28 but reserved its right to seek maximized facilities should circumstances permit.

104. On July 7, 2006, Smith Media License Holdings, LLC ("Smith") filed a letter requesting a waiver of the July 1, 2006 replication/maximization deadline with respect to KEYT-DT. In that letter, Smith indicated that for KEYT-DT to operate with its allotted replication facilities, as the prior owner certified, Smith would have to increase the ERP for KEYT to approximately 698 kW. Smith indicated that, because of electrical capacity limits at the station's antenna site, it did not anticipate being able to increase power at the antenna site until near the end of the DTV transition.

105. According to CTSC, the maximized facilities it originally proposed for KCET-DT on Channel \*28 would not cause impermissible

interference to the facilities of KEYT-DT on Channel \*27 if KEYT-DT operates with an ERP of 699 kW. Accordingly, CTSC requests that the Commission change DTV Table Appendix B to specify maximized parameters for KCET-DT. Smith objects to CTSC's request and urges the Commission to continue to protect the KEYT-DT post-transition allotment. We deny the request of CTSC to change DTV Table Appendix B for KCET. We note the disagreement of CTSC, but have already determined that the KCET maximized facilities would cause interference to the certified facilities of KEYT-DT on its TCD in excess of the permissible limit. Our analysis was performed using computer software techniques that have been validated through extensive testing and comparison of results with similar software used by other parties participating in this proceeding. We are confident that the result of our interference analysis is correct, and there is no agreement with the affected station to accept this interference. The Commission will determine in the Third DTV Periodic Review Report and Order what interference standards and other procedures to apply to stations seeking to file applications for changes to station parameters post-transition. KCET may choose to file an application at that time.

#### Procedural Matters

##### *Seventh Report and Order*

##### Final Regulatory Flexibility Analysis

106. As required by the Regulatory Flexibility Act of 1980 ("RFA"), the Commission has prepared a Final Regulatory Flexibility Analysis ("FRFA") relating to this *Seventh Report and Order*.

##### Final Paperwork Reduction Act Analysis

107. This *Seventh Report and Order* was analyzed with respect to the Paperwork Reduction Act of 1995 ("PRA") and does not contain any information collection requirements.

##### Congressional Review Act

108. The Commission will send a copy of this *Seventh Report and Order* in a report to be sent to Congress and the Government Accountability Office, pursuant to the Congressional Review Act.

#### Final Regulatory Flexibility Act Analysis

109. As required by the Regulatory Flexibility Act of 1980, as amended ("RFA") an Initial Regulatory Flexibility

Analysis ("IRFA") was incorporated in the *Seventh Further Notice of Proposed Rulemaking* ("*Seventh Further Notice*"). The Commission sought written public comment on the proposals in the NPRM, including comment on the IRFA. The comments received are discussed below. The Commission received no comments on the IRFA. This present Final Regulatory Flexibility Analysis ("FRFA") conforms to the RFA.

##### *A. Need for, and Objectives of, the Report and Order*

110. This *Seventh Report and Order* ("*Seventh R&O*") adopts rules implementing a new post-transition DTV Table of Allotments ("DTV Table"), providing all eligible full power broadcast television stations with channels for DTV operations after the transition. The new post-transition DTV Table finalizes the channel and facilities necessary to complete the digital transition for full power television stations, including full power commercial and noncommercial broadcast television stations.

111. The new post-transition DTV Table is based on the tentative channel designations ("TCDs") announced for eligible broadcast licensees through the channel election process, as well as on the Commission's efforts to promote overall spectrum efficiency and ensure the best possible service to the public, including service to local communities. During this election process, which was established by the *Second DTV Periodic Report and Order*, eligible full power broadcast licensees selected their ultimate DTV channel inside the "core spectrum," consisting of current television channels 2 through 51 (54–698 MHz). In developing the proposed new allotments, the Commission sought to accommodate broadcasters' channel preferences, as well as their replication and maximization service area certifications (made via FCC Form 381).

112. The new post-transition DTV Table achieves the goals set forth for the channel election process. First, the new DTV Table provides all eligible stations with channels for DTV operations after the transition. Second, the new DTV Table is the result of informed decisions by licensees when making their channel elections and licensees benefited from the clarity and transparency of the channel election process. Third, the new DTV Table recognizes industry expectations by protecting existing service and respecting investments already made, to the extent feasible. Finally, the new DTV Table reflects our efforts to promote overall spectrum efficiency and ensure the best possible DTV service to the public.

##### *B. Summary of Significant Issues Raised by Public Comments in Response to the IRFA*

113. There were no comments filed that specifically addressed the rules and policies proposed in the IRFA.

##### *C. Description and Estimate of the Number of Small Entities to Which the Rules Will Apply*

114. The RFA directs the Commission to provide a description of and, where feasible, an estimate of the number of small entities that will be affected by the rules adopted herein. The RFA generally defines the term "small entity" as having the same meaning as the terms "small business," "small organization," and "small government jurisdiction." In addition, the term "small business" has the same meaning as the term "small business concern" under the Small Business Act. A small business concern is one which: (1) Is independently owned and operated; (2) is not dominant in its field of operation; and (3) satisfies any additional criteria established by the Small Business Administration (SBA). The rules of this *Seventh R&O* will primarily affect full power television stations, as opposed to low power television stations and television translator stations. A description of such small entities, as well as an estimate of the number of such small entities, is provided below.

115. *Television Broadcasting.* The rules and policies adopted in this *Seventh R&O* apply to television broadcast licensees and potential licensees of television service. The SBA defines a television broadcast station as a small business if such station has no more than \$13.5 million in annual receipts. Business concerns included in this industry are those "primarily engaged in broadcasting images together with sound." The Commission has estimated the number of licensed commercial television stations to be 1,376. According to Commission staff review of the BIA Financial Network, MAPro Television Database ("BIA") on March 30, 2007, about 986 of an estimated 1,374 commercial television stations (or about 72 percent) have revenues of \$13.5 million or less and thus qualify as small entities under the SBA definition. The Commission has estimated the number of licensed NCE television stations to be 380. We note, however, that, in assessing whether a business concern qualifies as small under the above definition, business (control) affiliations must be included. Our estimate, therefore, likely overstates the number of small entities that might be affected by our action, because the

revenue figure on which it is based does not include or aggregate revenues from affiliated companies. The Commission does not compile and otherwise does not have access to information on the revenue of NCE stations that would permit it to determine how many such stations would qualify as small entities.

116. In addition, an element of the definition of "small business" is that the entity not be dominant in its field of operation. We are unable at this time to define or quantify the criteria that would establish whether a specific television station is dominant in its field of operation. Accordingly, the estimate of small businesses to which rules may apply do not exclude any television station from the definition of a small business on this basis and are therefore over-inclusive to that extent. Also as noted, an additional element of the definition of "small business" is that the entity must be independently owned and operated. We note that it is difficult at times to assess these criteria in the context of media entities and our estimates of small businesses to which they apply may be over-inclusive to this extent.

117. *Class A TV, LPTV, and TV translator stations.* The rules and policies adopted in this *Seventh R&O* do not directly affect low power television stations, as the DTV Table adopted in the *Seventh R&O* finalizes post-transition digital channels only for full power television stations. Nonetheless, as discussed in Section E, *infra*, low power television stations will also eventually transition from analog to digital technology and may be indirectly affected by the channel allotment decisions herein. The broadcast stations indirectly affected include licensees of Class A TV stations, low power television (LPTV) stations, and TV translator stations, as well as to potential licensees in these television services. The same SBA definition that applies to television broadcast licensees would apply to these stations. The SBA defines a television broadcast station as a small business if such station has no more than \$13.5 million in annual receipts. Currently, there are approximately 567 licensed Class A stations, 2,227 licensed LPTV stations, and 4,518 licensed TV translators. Given the nature of these services, we will presume that all of these licensees qualify as small entities under the SBA definition. We note, however, that under the SBA's definition, revenue of affiliates that are not LPTV stations should be aggregated with the LPTV station revenues in determining whether a concern is small. Our estimate may thus overstate the number of small

entities since the revenue figure on which it is based does not include or aggregate revenues from non-LPTV affiliated companies. We do not have data on revenues of TV translator or TV booster stations, but virtually all of these entities are also likely to have revenues of less than \$13.5 million and thus may be categorized as small, except to the extent that revenues of affiliated non-translator or booster entities should be considered.

#### *D. Description of Projected Reporting, Recordkeeping and Other Compliance Requirements*

118. The rules adopted in this *Seventh R&O* involve no changes to reporting, recordkeeping, or other compliance requirements beyond what is already required under the current regulations.

#### *E. Steps Taken To Minimize Significant Impact on Small Entities, and Significant Alternatives Considered*

119. The RFA requires an agency to describe any significant alternatives that it has considered in reaching its proposed approach, which may include the following four alternatives (among others): (1) The establishment of differing compliance or reporting requirements or timetables that take into account the resources available to small entities; (2) the clarification, consolidation, or simplification of compliance or reporting requirements under the rule for small entities; (3) the use of performance, rather than design, standards; and (4) an exemption from coverage of the rule, or any part thereof, for small entities.

120. The new post-transition DTV Table provides all eligible full power broadcast television stations—large and small alike—with channels for post-transition DTV operations. Small broadcasters, just like large ones, benefited from participating in the channel election process. The new DTV Table is the result of informed decisions by licensees when making their channel elections, and all licensees benefited from the clarity and transparency of the channel election process. Moreover, the new DTV Table recognizes industry expectations by protecting existing service and respecting investments already made, for both large and small broadcasters, to the extent feasible. The TCDs are primarily based on the channels elected by licensees. The vast majority of licensees participating in the channel election process received a TCD for a channel they elected, and all comments, including those from small broadcasters, were considered when finalizing this Table.

121. In general, our goal in reviewing the comments filed in response to the proposed Table was to accommodate the requests made by commenters to the extent possible consistent with the standards outlined in the *Seventh Further Notice*. Large and small broadcasters alike benefited from this approach, which was taken in an effort to expedite finalization of the DTV Table and Appendix B so that stations can complete construction of their post-transition facilities by the statutory deadline for the DTV transition. Where commenters made specific requests for changes to the proposals in the *Seventh Further Notice*, requests that provided for an alternative service area for the station or parameters that differed from those proposed by the Commission, those requests were granted to the extent possible consistent with the standards of the *Seventh Further Notice* and, in particular, with the applicable interference standards. This process has been open and transparent, and has provided consistent treatment for large and small broadcasters.

122. The new DTV Table adopted herein does not provide for channels for low power television stations. The Commission will address the digital transition for low power television ("LPTV") stations in a separate proceeding. The statutory transition deadline established by Congress in 2006—February 17, 2009—applies only to full-power stations. One of the Commission's goals in the *Seventh Report and Order* is to permit full power stations to finalize their post-transition facilities by this rapidly approaching deadline. The Commission previously determined that it has discretion under 47 U.S.C. 336(f)(4) to set the date by which analog operations of stations in the low power and translator service must cease. The Commission has stated that the intent is to ensure that low power and translator stations not be required to prematurely convert to digital operation in a manner that could disrupt their analog service or, more importantly, that might cause them to cease operation. The Commission decided not to establish a fixed termination date for the low power digital television transition until it resolved the issues concerning the transition of full-power television stations. The Commission has recognized that low power television stations are a valuable component of the nation's television system and has stated its intention to facilitate, wherever possible, the digital transition of these stations.



**F. Report To Congress**

The Commission will send a copy of this *Seventh R&O*, including this FRFA, in a report to be sent to Congress pursuant to the Small Business Regulatory Enforcement Fairness Act of 1996. In addition, the Commission will send a copy of this *Seventh R&O*, including the FRFA, to the Chief Counsel for Advocacy of the Small Business Administration. A copy of this *Seventh R&O* and FRFA (or summaries thereof) will also be published in the **Federal Register**.

**Ordering Clauses**

123. *It is ordered* that, pursuant to the authority contained in sections 1, 4(i) and (j), 7, 301, 302, 303, 307, 308, 309, 316, 319, 324, 336, and 337 of the Communications Act of 1934, 47 U.S.C. 151, 154(i) and (j), 157, 301, 302, 303, 307, 308, 309, 316, 319, 324, 336, and 337, this *Seventh Report and Order and Eighth Further Notice of Proposed Rule Making is adopted*.

124. *It is further ordered* that pursuant to the authority contained in sections 1, 2, 4(i), 303, 303a, 303b, and 307 of the Communications Act of 1934, 47 U.S.C. 151, 152, 154(i), 303, 303a, 303b, and 307, the Commission's rules are hereby amended as set forth in the rule changes.

125. *It is further ordered* that the rules as set forth in the rule changes shall be effective 30 days after publication of the *Seventh Report and Order and Eighth Further Notice of Proposed Rule Making* in the **Federal Register**.

126. *It is further ordered* that the Commission's Consumer and Governmental Affairs Bureau, Reference Information Center, shall send a copy of this *Seventh Report and Order and Eighth Further Notice of Proposed Rule Making*, including the Final Regulatory Flexibility Analysis, to the Chief Counsel for Advocacy of the Small Business Administration.

*It is further ordered* that the Commission shall send a copy of this *Seventh Report and Order and Eighth Further Notice of Proposed Rule Making* in a report to be sent to Congress and the Government Accountability Office pursuant to the Congressional Review Act, see 5 U.S.C. 801(a)(1)(A).

**List of Subjects in 47 CFR part 73**

Television.

Federal Communications Commission.

**Marlene H. Dortch,**  
*Secretary.*

**Final Rules**

■ For the reasons discussed in the preamble, the Federal Communications

Commission amends 47 part 73 as follows:

**PART 73—RADIO BROADCAST SERVICES**

■ 1. The authority citation for Part 73 continues to read as follows:

**Authority:** 47 U.S.C. 154, 303, 334, 336.

■ 2. Section 73.622 is amended by adding paragraph (i) to read as follows:

**§ 73.622 Digital television table of allotments.**

\* \* \* \* \*  
(i) Post-Transition Table of DTV Allotments.

Community	Channel No.
<b>ALABAMA</b>	
Anniston .....	9
Bessemer .....	18
Birmingham .....	*10, 13, 30, 36, 50
Demopolis .....	*19
Dothan .....	21, 36
Dozier .....	*10
Florence .....	14, 20, *22
Gadsden .....	26, 45
Gulf Shores .....	25
Homewood .....	28
Huntsville .....	19, *24, 32, 41, 49
Louisville .....	*44
Mobile .....	9, 15, 20, 23, 27, *41
Montgomery .....	12, 16, *27, 32, 46
Mount Cheaha .....	*7
Opelika .....	47
Ozark .....	33
Selma .....	29, 42
Troy .....	48
Tuscaloosa .....	23, 33
Tuskegee .....	22
<b>ALASKA</b>	
Anchorage .....	5, *8, 10, 12, 20, *26, 28, 32
Bethel .....	*3
Fairbanks .....	7, *9, 11, 18
Juneau .....	*10, 11
Ketchikan .....	13
North Pole .....	20
Sitka .....	7
<b>ARIZONA</b>	
Douglas .....	36
Flagstaff .....	2, 13, 18, 32
Green Valley .....	46
Holbrook .....	*11
Kingman .....	19
Mesa .....	12
Phoenix .....	*8, 10, 15, 17, 20, 24, 26, 33, 39, 49
Prescott .....	7
Sierra Vista .....	44
Tolleson .....	51
Tucson .....	9, 19, 23, 25, *28, *30, 32, 40
Yuma .....	11, 16
<b>ARKANSAS</b>	
Arkadelphia .....	*13

Community	Channel No.
Camden .....	49
El Dorado .....	*10, 27, 43
Eureka Springs .....	34
Fayetteville .....	*9, 15
Fort Smith .....	18, 21, 27
Harrison .....	31
Hot Springs .....	26
Jonesboro .....	8, *20, 48
Little Rock .....	*7, 12, 22, 30, 32, *36, 44
Mountain View .....	*13
Pine Bluff .....	24, 39
Rogers .....	50
Springdale .....	39

**CALIFORNIA**

Anaheim .....	32
Arcata .....	22
Avalon .....	47
Bakersfield .....	10, 25, 33, 45
Barstow .....	44
Bishop .....	20
Calipatria .....	36
Ceres .....	*15
Chico .....	24, 43
Clovis .....	43
Concord .....	14
Corona .....	39
Cotati .....	*23
El Centro .....	9, 22
Eureka .....	3, *11, 17, 28
Fort Bragg .....	8
Fresno .....	7, 30, 34, 38, *40
Hanford .....	20
Huntington Beach .....	*48
Long Beach .....	18
Los Angeles .....	7, 9, 11, 13, *28, 31, 34, 36, *41, 42, 43
Merced .....	11
Modesto .....	18
Monterey .....	31, 32
Novato .....	47
Oakland .....	44
Ontario .....	29
Oxnard .....	24
Palm Springs .....	42, 46
Paradise .....	20
Porterville .....	48
Rancho Palos Verdes .....	51
Redding .....	7, *9
Riverside .....	45
Sacramento .....	*9, 10, 21, 35, 40, 48
Salinas .....	8, 13
San Bernardino .....	*26, 38
San Diego .....	8, 10, 18, 19, *30, 40
San Francisco .....	7, 19, 27, 29, *30, *33, 38, 39, 45, 51
San Jose .....	12, 36, 41, 49, *50
San Luis Obispo .....	15, 34
San Mateo .....	*43
Sanger .....	36
Santa Ana .....	23
Santa Barbara .....	21, 27
Santa Maria .....	19
Santa Rosa .....	32
Stockton .....	25, 26, 46
Twentynine Palms .....	23
Vallejo .....	34
Ventura .....	49
Visalia .....	28, *50
Watsonville .....	*25

Community	Channel No.	Community	Channel No.	Community	Channel No.
<b>COLORADO</b>					
Boulder	15	Panama City Beach	47	Chicago	7, 12, 19, *21, 27, 29, 31, 43, 45, *47
Broomfield	*13	Pensacola	17, *31, 34, 45	Decatur	18, 22
Castle Rock	46	Sarasota	24	East St. Louis	47
Colorado Springs	10, 22, 24	St. Petersburg	10, 38, 44	Freeport	23
Denver	7, 9, *18, 19, 32, 34, 35, *40, 43, 51	Stuart	44	Harrisburg	34
Durango	15, *20, 33	Tallahassee	24, 27, *32, 40	Jacksonville	*15
Fort Collins	21	Tampa	7, 12, *13, 29, *34, 47	Joliet	38
Glenwood Springs	23	Tequesta	16	LaSalle	10
Grand Junction	2, 7, 12, 15, *18	Tice	33	Macomb	*21
Longmont	29	Venice	25	Marion	17
Montrose	13	West Palm Beach	12, 13, *27, 28	Moline	*23, 38
Pueblo	*8, 42	<b>GEORGIA</b>			
Steamboat Springs	10	Albany	10, 12	Mount Vernon	21
Sterling	23	Athens	*8, 48	Olney	*19
<b>CONNECTICUT</b>					
Bridgeport	42, *49	Atlanta	10, 19, 20, *21, 25, 27, 39, *41, 43	Peoria	19, 25, 30, 39, *46
Hartford	31, 33, *45, 46	Augusta	12, 30, 42, 51	Quincy	10, 32, *34
New Britain	35	Bainbridge	49	Rock Island	4
New Haven	*6, 10, 39	Baxley	35	Rockford	13, 16, 42
New London	26	Brunswick	24	Springfield	13, 42, 44
Norwich	*9	Chatsworth	*33	Urbana	*9, 26
Waterbury	20	Cochran	*7	<b>INDIANA</b>	
<b>DELAWARE</b>					
Seaford	*44	Columbus	9, 15, *23, 35, 49	Angola	12
Wilmington	*12, 31	Cordele	51	Bloomington	*14, 27, 42, 48
<b>DISTRICT OF COLUMBIA</b>					
Washington	7, 9, *27, *33, 35, 36, 48, 50	Dalton	16	Elkhart	28
<b>FLORIDA</b>					
Boca Raton	*40	Dawson	*8	Evansville	*9, 25, 28, 45, 46
Bradenton	42	Macon	13, 16, 40, 45	Fort Wayne	19, 24, 31, 36, *40
Cape Coral	35	Monroe	44	Gary	*17, 51
Clearwater	21	Pelham	*6	Hammond	36
Clermont	17	Perry	32	Indianapolis	9, 13, 16, *21, 25, *44, 45
Cocoa	*30, 51	Rome	51	Kokomo	29
Daytona Beach	11, 49	Savannah	*9, 11, 22, 39	Lafayette	11
Destin	48	Thomasville	46	Marion	32
Fort Lauderdale	30	Toccoa	24	Muncie	23
Fort Myers	9, 15, *31	Valdosta	43	Richmond	39
Fort Pierce	34, *38	Waycross	*8	Salem	51
Fort Walton Beach	40, 49, 50	Wrens	*6	South Bend	22, *35, 42, 48
Gainesville	9, 16, *36	<b>HAWAII</b>			
High Springs	28	Hilo	*9, 11, 13, 22, 23	Terre Haute	10, 36, 39
Hollywood	47	Honolulu	8, 9, *10, *11, 19, 23, 27, 31, 33, 35, 40, *43	Vincennes	*22
Jacksonville	*7, 13, 19, 32, 34, 42, *44	Kailua	50	<b>IOWA</b>	
Key West	3, 8	Kailua Kona	25	Ames	5, 23, *34
Lake Worth	36	Kaneohe	41	Burlington	41
Lakeland	19	Wailuku	7, *10, 12, 16, 21, 24	Cedar Rapids	9, 27, 47, 51
Leesburg	40, *46	Waimanalo	38	Council Bluffs	*33
Live Oak	48	<b>IDAHO</b>			
Marianna	51	Boise	7, *21, 28, 39	Davenport	*34, 36, 49
Melbourne	43, 48	Caldwell	10	Des Moines	8, *11, 13, 16, 31
Miami	7, 10, *18, 19, *20, 22, 23, 31, 32, 35, 46	Coeur d'Alene	*45	Dubuque	43
Naples	41, 45	Filer	*18	Fort Dodge	*25
New Smyrna Beach	*33	Idaho Falls	8, 20, 36	Iowa City	*12, 25
Ocala	31	Lewiston	32	Mason City	*18, 42
Orange Park	10	Moscow	*12	Newton	39
Orlando	22, *23, 26, 27, 39, 41	Nampa	12, 24	Ottumwa	15
Palm Beach	49	Pocatello	15, *17, 23, 31	Red Oak	*35
Panama City	7, 9, 13, *38	Sun Valley	32	Sioux City	9, *28, 39, 41, 44
<b>ILLINOIS</b>					
Aurora	50	Twin Falls	11, *22, 34	Waterloo	7, 22, *35
Bloomington	28	<b>KANSAS</b>			
Carbondale	*8	Colby	17, 19	Derby	46
Champaign	41, 48	Dodge City	*21	Dodge City	*21
Charleston	*50	Ensign	6	Garden City	11, 13
<b>INDIANA</b>					
Chicago	7, 12, 19, *21, 27, 29, 31, 43, 45, *47	Goodland	10	Great Bend	22
Decatur	18, 22	Hays	7, *16	Hoisington	14
East St. Louis	47	Hutchinson	*8, 12, 35	Lakin	*8
Freeport	23	Lawrence	41		
Harrisburg	34				
Jacksonville	*15				
Joliet	38				
LaSalle	10				
Macomb	*21				
Marion	17				
Moline	*23, 38				
Mount Vernon	21				
Olney	*19				
Peoria	19, 25, 30, 39, *46				
Quincy	10, 32, *34				
Rock Island	4				
Rockford	13, 16, 42				
Springfield	13, 42, 44				
Urbana	*9, 26				

Community	Channel No.
Pittsburg .....	7, 13
Salina .....	17
Topeka .....	*11, 12, 13, 27, 49
Wichita .....	10, 26, 31, 45

**KENTUCKY**

Ashland .....	*26, 44
Beattyville .....	7
Bowling Green .....	13, 16, *18, *48
Campbellsville .....	19
Covington .....	*24
Danville .....	4
Elizabethtown .....	*43
Harlan .....	51
Hazard .....	12, *16
Lexington .....	13, 39, 40, *42
Louisville .....	8, 11, *17, 26, *38, 47, 49
Madisonville .....	20, *42
Morehead .....	*15, 21
Murray .....	*36
Newport .....	29
Owensboro .....	30
Owenton .....	*44
Paducah .....	32, 41, 49
Pikeville .....	*24
Somerset .....	*14

**LOUISIANA**

Alexandria .....	*26, 31, 35, 41
Baton Rouge .....	9, 13, *25, 34, 45
Columbia .....	11
Hammond .....	42
Lafayette .....	10, 16, *23, 28
Lake Charles .....	7, *20, 30
Minden .....	21
Monroe .....	8, *13
New Iberia .....	50
New Orleans .....	8, *11, 15, 21, 26, *31, 36, 43, 50
Shreveport .....	17, *25, 28, 34, 44
Slidell .....	24
West Monroe .....	36, 38

**MAINE**

Augusta .....	*10
Bangor .....	2, 7, 19
Biddeford .....	*45
Calais .....	*10
Lewiston .....	35
Orono .....	*9
Poland Spring .....	8
Portland .....	38, 43, 44
Presque Isle .....	8, *10, 47
Waterville .....	23

**MARYLAND**

Annapolis .....	*42
Baltimore .....	11, 13, *29, 38, 40, 41, 46,
Frederick .....	*28
Hagerstown .....	26, 39, *44
Oakland .....	*36
Salisbury .....	21, *28, 47

**MASSACHUSETTS**

Adams .....	36
Boston .....	7, *19, 20, 30, 31, 32, 39, *43
Cambridge .....	41

Community	Channel No.
Lawrence .....	18
Marlborough .....	27
New Bedford .....	22, 49
Norwell .....	10
Pittsfield .....	13
Springfield .....	11, *22, 40
Vineyard Haven .....	40
Worcester .....	29, *47

**MICHIGAN**

Alpena .....	11, *24
Ann Arbor .....	31
Bad Axe .....	*15
Battle Creek .....	20, 44
Bay City .....	22, 46
Cadillac .....	9, *17, 47
Calumet .....	5
Cheboygan .....	35
Detroit .....	7, 14, 21, 41, *43, 44, 45
East Lansing .....	*40
Escanaba .....	48
Flint .....	12, 16, *28
Grand Rapids .....	7, *11, 13, 19
Iron Mountain .....	8
Ishpeming .....	10
Jackson .....	34
Kalamazoo .....	*5, 8, 45
Lansing .....	36, 38, 51
Manistee .....	*21
Marquette .....	*13, 19, 35
Mount Clemens .....	39
Mount Pleasant .....	*26
Muskegon .....	24
Onondaga .....	10
Saginaw .....	30, 48
Sault Ste. Marie .....	8, 10
Traverse City .....	7, 29

**MINNESOTA**

Alexandria .....	7, 42
Appleton .....	*10
Austin .....	*20, 36
Bemidji .....	*9, 26
Brainerd .....	*28
Chisholm .....	11
Crookston .....	*16
Duluth .....	*8, 10, 17, 27, 33
Hibbing .....	13, *31
Mankato .....	12
Minneapolis .....	9, 11, 22, 29, 32, 45
Redwood Falls .....	27
Rochester .....	10, 46
St. Cloud .....	40
St. Paul .....	*26, *34, 35
Thief River Falls .....	10
Walker .....	12
Worthington .....	*15

**MISSISSIPPI**

Biloxi .....	13, *16
Booneville .....	*12
Bude .....	*18
Columbus .....	35, *43
Greenville .....	15
Greenwood .....	*25, 32
Gulfport .....	48
Hattiesburg .....	22
Holly Springs .....	41
Houston .....	45
Jackson .....	7, 12, *20, 21, 40, 51

Community	Channel No.
Laurel .....	28
Magee .....	34
Meridian .....	11, 24, 31, *44
Mississippi State .....	*10
Natchez .....	49
Oxford .....	*36
Tupelo .....	8
Vicksburg .....	35
West Point .....	16

**MISSOURI**

Cape Girardeau .....	12, 22
Columbia .....	8, 17
Hannibal .....	7
Jefferson City .....	12, 20
Joplin .....	*25, 43, 46
Kansas City .....	9, *18, 24, 31, 34, 42, 47, 51
Kirksville .....	33
Osage Beach .....	49
Poplar Bluff .....	15
Sedalia .....	15
Springfield .....	10, 19, *23, 28, 44
St. Joseph .....	7, 21
St. Louis .....	14, 24, 26, 31, 35, *39, 43

**MONTANA**

Billings .....	10, 11, 18
Bozeman .....	*8, 13
Butte .....	5, 6, 19, 24
Glendive .....	10
Great Falls .....	7, 8, 26, 45
Hardin .....	22
Havre .....	9
Helena .....	12, 29
Kalispell .....	9
Lewistown .....	13
Miles City .....	3
Missoula .....	7, *11, 13, 17, 23

**NEBRASKA**

Alliance .....	*13
Bassett .....	*7
Grand Island .....	11, 19
Hastings .....	5, *28
Hayes Center .....	18
Kearney .....	36
Lexington .....	*26
Lincoln .....	8, 10, *12, 51
McCook .....	12
Merriman .....	*12
Norfolk .....	*19
North Platte .....	2, *9
Omaha .....	15, *17, 20, 22, 43, 45
Scottsbluff .....	7, 17, 29
Superior .....	34

**NEVADA**

Elko .....	10
Ely .....	3, 27
Goldfield .....	50
Henderson .....	9
Las Vegas .....	2, 7, *11, 13, 16, 22, 29
Laughlin .....	32
Paradise .....	40
Reno .....	7, 9, 13, *15, 20, 26, 44

Community	Channel No.
Tonopah .....	9
Winnemucca .....	7

**NEW HAMPSHIRE**

Concord .....	33
Derry .....	35
Durham .....	*11
Keene .....	*49
Littleton .....	*48
Manchester .....	9
Merrimack .....	34

**NEW JERSEY**

Atlantic City .....	44, 49
Burlington .....	27
Camden .....	*22
Linden .....	36
Montclair .....	*51
New Brunswick .....	*8
Newark .....	13, 30
Newton .....	18
Paterson .....	40
Secaucus .....	38
Trenton .....	*43
Vineland .....	29
West Milford .....	*29
Wildwood .....	36

**NEW MEXICO**

Albuquerque .....	7, 13, *17, 22, 24, 26, *35, 42, 45
Carlsbad .....	19, 25
Clovis .....	20
Farmington .....	8, 12
Hobbs .....	29
Las Cruces .....	*23, 47
Portales .....	*32
Roswell .....	8, 10, 21, 27
Santa Fe .....	*9, 10, 27, 29
Silver City .....	10, 12

**NEW YORK**

Albany .....	7, 12, 26
Amsterdam .....	50
Batavia .....	23
Bath .....	14
Binghamton .....	7, 8, 34, *42
Buffalo .....	14, 32, 33, 34, 38, 39, *43
Carthage .....	7
Corning .....	*30, 48
Elmira .....	18, 36
Garden City .....	*21
Ithaca .....	20
Jamestown .....	26
Kingston .....	48
New York .....	7, 11, *24, 28, 31, 33, 44
North Pole .....	14
Norwood .....	*23
Plattsburg .....	*38
Poughkeepsie .....	27
Riverhead .....	47
Rochester .....	10, 13, *16, 28, 45
Saranac Lake .....	40
Schenectady .....	6, *34, 43
Smithtown .....	23
Springville .....	7
Syracuse .....	15, 17, 19, 24, *25, 44, 47

Community	Channel No.
Utica .....	27, 29, 30
Watertown .....	21, *41

**NORTH CAROLINA**

Asheville .....	13, *25, 45
Belmont .....	47
Burlington .....	14
Chapel Hill .....	*25
Charlotte .....	*11, 22, 23, 27, 34
Concord .....	*44
Durham .....	11, 28
Edenton .....	*20
Fayetteville .....	36, 38
Goldsboro .....	17
Greensboro .....	33, 43, 51
Greenville .....	10, 14, *23, 51
Hickory .....	40
High Point .....	8
Jacksonville .....	*19, 34
Kannapolis .....	50
Lexington .....	19
Linville .....	*17
Lumberton .....	*31
Manteo .....	9
Morehead City .....	8
New Bern .....	12
Raleigh .....	27, 48, 49
Roanoke Rapids .....	*36
Rocky Mount .....	15
Washington .....	32
Wilmington .....	*29, 30, 44, 46
Wilson .....	42
Winston Salem .....	29, 31, *32

**NORTH DAKOTA**

Bismarck .....	12, 16, *22, 26, 31
Devils Lake .....	8, *25
Dickinson .....	7, *9, 19
Ellendale .....	*20
Fargo .....	*13, 19, 21, 44
Grand Forks .....	*15, 27
Jamestown .....	7
Minot .....	10, 13, 14, 24, *40
Pembina .....	12
Valley City .....	38
Williston .....	8, 14, *51

**OHIO**

Akron .....	23, 30, *50
Alliance .....	*45
Athens .....	*27
Bowling Green .....	*27
Cambridge .....	*35
Canton .....	39, 47
Chillicothe .....	46
Cincinnati .....	10, 12, 33, *34, 35
Cleveland .....	8, 15, 17, *26, 34
Columbus .....	13, 14, 21, 36, *38
Dayton .....	*16, 30, 41, 50, 51
Lima .....	8, 47
Lorain .....	28
Mansfield .....	12
Newark .....	24
Oxford .....	*28
Portsmouth .....	17, *43
Sandusky .....	42
Shaker Heights .....	10
Springfield .....	26
Steubenville .....	9
Toledo .....	5, 11, 13, *29, 46, 49
Youngstown .....	20, 36, 41

Community	Channel No.
Zanesville .....	40

**OKLAHOMA**

Ada .....	26
Bartlesville .....	17
Cheyenne .....	*8
Claremore .....	*36
Eufaula .....	*31
Lawton .....	11
Muskogee .....	20
Norman .....	46
Oklahoma City .....	7, 9, *13, 15, 24, 27, 33, 40, 50, 51
Okmulgee .....	28
Shawnee .....	29
Tulsa .....	8, 10, *11, 22, 42, 45, 47, 49
Woodward .....	35

**OREGON**

Bend .....	*11, 21, 51
Coos Bay .....	11, 22
Corvallis .....	*7
Eugene .....	9, 13, 17, *29, 31
Grants Pass .....	30
Klamath Falls .....	13, 29, *33
La Grande .....	*13, 29
Medford .....	5, *8, 10, 12, 26
Pendleton .....	11
Portland .....	8, *10, 12, 40, 43, 45
Roseburg .....	18, 19, 45
Salem .....	22, 33

**PENNSYLVANIA**

Allentown .....	*39, 46
Altoona .....	24, 32, 46
Bethlehem .....	9
Clearfield .....	*15
Erie .....	12, 16, 22, 24, *50
Greensburg .....	50
Harrisburg .....	10, 21, *36
Hazleton .....	45
Jeannette .....	49
Johnstown .....	8, 34
Lancaster .....	8, 23
Philadelphia .....	6, 17, 26, 32, 34, *35, 42
Pittsburgh .....	*13, 25, 38, 42, 43, 48, 51
Reading .....	25
Red Lion .....	30
Scranton .....	13, 32, 38, *41, 49
Wilkes Barre .....	11
Williamsport .....	29
York .....	47

**RHODE ISLAND**

Block Island .....	17
Providence .....	12, 13, *21, 51

**SOUTH CAROLINA**

Allendale .....	*33
Anderson .....	14
Beaufort .....	*44
Charleston .....	*7, 24, 34, 36, 47, 50
Columbia .....	8, 10, 17, *32, 47, 48
Conway .....	*9
Florence .....	13, 16, 21, *45
Georgetown .....	*38
Greenville .....	*9, 16, 21, 36

Community	Channel No.
Greenwood .....	*18
Hardeeville .....	28
Myrtle Beach .....	18, 32
Rock Hill .....	15, 39
Spartanburg .....	7, 43
Sumter .....	*28, 39

**SOUTH DAKOTA**

Aberdeen .....	9, *17
Brookings .....	*8
Eagle Butte .....	*13
Florence .....	3
Huron .....	12
Lead .....	10, 29
Lowry .....	*11
Martin .....	*8
Mitchell .....	26
Pierre .....	*10, 19
Rapid City .....	2, 7, 16, 21, *26
Reliance .....	13
Sioux Falls .....	7, 11, 13, *24, 36, 47
Vermillion .....	*34

**TENNESSEE**

Chattanooga .....	9, 12, 13, *29, 40
Cleveland .....	42
Cookeville .....	*22, 36
Crossville .....	20
Greeneville .....	38
Hendersonville .....	51
Jackson .....	39, 43
Jellico .....	23
Johnson City .....	11
Kingsport .....	19
Knoxville .....	7, 10, *17, 26, 30, 34
Lebanon .....	44
Lexington .....	*47
Memphis .....	5, *10, 13, *23, 25, 28, *29, 31, 51
Murfreesboro .....	38
Nashville .....	5, *8, 10, 15, 21, 23, 27
Sneedville .....	*41
Tazewell .....	48

**TEXAS**

Abilene .....	15, 24, 29
Alvin .....	36
Amarillo .....	7, *8, 10, 15, 19
Arlington .....	42
Austin .....	7, 21, *22, 33, 43, 49
Baytown .....	41
Beaumont .....	12, 21, *33
Belton .....	46
Big Spring .....	33
Blanco .....	18
Borger .....	31
Brownsville .....	24
Bryan .....	28, 50
College Station .....	*12
Conroe .....	32, 42
Corpus Christi .....	8, 10, 13, *23, 27, 38
Dallas .....	8, *14, 32, 35, 36, 40, 45
Decatur .....	30
Del Rio .....	28
Denton .....	*43
Eagle Pass .....	18
El Paso .....	7, 9, *13, 15, 18, 25, *39, 51
Farwell .....	18

Community	Channel No.
Fort Worth .....	9, 11, 18, 41
Fredericksburg .....	5
Galveston .....	*23, 48
Garland .....	23
Greenville .....	46
Harlingen .....	31, *34, 38
Houston .....	*8, 11, 13, 19, *24, 26, 35, 38, 44

Irving .....	48
Jacksonville .....	22
Katy .....	47
Kerville .....	32
Killeen .....	13
Lake Dallas .....	39
Laredo .....	8, 13, 19
Llano .....	27
Longview .....	31, 38
Lubbock .....	11, 16, 27, 35, *39, 40

Lufkin .....	9
Mcallen .....	49
Midland .....	18, 26
Nacogdoches .....	18
Odessa .....	7, 9, 23, 30, *38, 42
Port Arthur .....	40
Rio Grande City .....	20
Rosenberg .....	45
San Angelo .....	11, 16, 19
San Antonio .....	*9, 12, *16, 30, 38, 39, 41, 48,

Sherman .....	12
Snyder .....	17
Sweetwater .....	20
Temple .....	9
Texarkana .....	15
Tyler .....	7
Uvalde .....	26
Victoria .....	11, 15
Waco .....	10, *20, 26, 44
Weslaco .....	13
Wichita Falls .....	15, 22, 28
Wolfforth .....	43

**UTAH**

Cedar City .....	14
Logan .....	12
Ogden .....	24, *36, 48
Price .....	11
Provo .....	29, 32, *44
Richfield .....	*19
Salt Lake City .....	13, 20, 34, 38, 40, *42, 46
St. George .....	9, *18
Vernal .....	16

**VERMONT**

Burlington .....	13, 22, *32, 43
Hartford .....	25
Rutland .....	*9
St. Johnsbury .....	*18
Windsor .....	*24

**VIRGINIA**

Arlington .....	15
Ashland .....	47
Bristol .....	5
Charlottesville .....	19, 32, *46
Danville .....	24
Fairfax .....	*24
Front Royal .....	*21
Goldvein .....	*30

Community	Channel No.
Grundy .....	49
Hampton .....	13
Hampton Norfolk .....	*16
Harrisonburg .....	49
Lynchburg .....	13, 20
Manassas .....	34
Marion .....	*42
Norfolk .....	33, 40, 46
Norton .....	*32
Petersburg .....	22
Portsmouth .....	31, 50
Richmond .....	12, 25, 26, *42, *44
Roanoke .....	*3, 17, 18, 30, 36
Staunton .....	*11
Virginia Beach .....	7, 29

**WASHINGTON**

Bellevue .....	33, 50
Bellingham .....	19, 35
Centralia .....	*19
Everett .....	31
Kennewick .....	44
Pasco .....	18
Pullman .....	*10, 24
Richland .....	26, *38
Seattle .....	*9, 25, 38, 39, 44, 48
Spokane .....	7, *8, 13, 20, 28, 34, 36
Tacoma .....	11, 13, 14, *27, *42
Vancouver .....	30
Walla Walla .....	9
Yakima .....	14, 16, *21, 33

**WEST VIRGINIA**

Bluefield .....	40, 46
Charleston .....	19, 39, 41
Clarksburg .....	10, 12
Grandview .....	*10
Huntington .....	13, 23, *34
Lewisburg .....	8
Martinsburg .....	12
Morgantown .....	*33
Oak Hill .....	50
Parkersburg .....	49
Weston .....	5
Wheeling .....	7

**WISCONSIN**

Antigo .....	46
Appleton .....	27
Chippewa Falls .....	49
Crandon .....	12
Eagle River .....	28
Eau Claire .....	13, 15
Fond Du Lac .....	44
Green Bay .....	11, 23, 39, 41, *42
Janesville .....	32
Kenosha .....	40
La Crosse .....	8, 14, 17, *30
Madison .....	11, 19, *20, 26, 50
Mayville .....	43
Menomonie .....	*27
Milwaukee .....	*8, 18, 22, 25, 28, 33, 34, *35, 46
Park Falls .....	*36
Racine .....	48
Rhineland .....	16
Superior .....	19
Suring .....	21
Wausau .....	7, 9, *24
Wittenberg .....	50

Community	Channel No.
<b>WYOMING</b>	
Casper .....	*6, 12, 14, 17, 20
Cheyenne .....	11, 27, 30
Jackson .....	2, 11
Lander .....	7, *8
Laramie .....	*8
Rawlins .....	9
Riverton .....	10
Rock Springs .....	13
Sheridan .....	7, 13
<b>GUAM</b>	
Agana .....	8, 12
Tamuning .....	14
<b>PUERTO RICO</b>	
Aguada .....	50
Aguadilla .....	12, 17, *34
Arecibo .....	14, 46
Bayamon .....	30
Caguas .....	11, *48
Carolina .....	51
Fajardo .....	13, *16, 33
Guayama .....	45
Humacao .....	49
Mayaguez .....	22, 23, 29, 35
Naranjito .....	18
Ponce .....	7, 9, 15, 19, *25, 47
San Juan .....	21, 27, 28, 31, 32, *43
San Sebastian .....	39
Yauco .....	41
<b>VIRGIN ISLANDS</b>	
Charlotte Amalie .....	17, 43, *44
Christiansted .....	15, 20, 23

**Note:** The following Appendices will not appear in the Code of Federal Regulations.

**[APPENDIX A—RESERVED]**

**Appendix B—DTV Table of Allotments Information**

The table in this appendix presents the Commission's assignments of DTV channel allotments to individual broadcast television stations for post-transition DTV operations. It sets forth the technical facilities—effective radiated power, antenna height above average terrain, and antenna identification code—and transmitter site for which each TV station would be authorized on its post-transition channel. The table also provides information on stations' predicted service coverage and the percentage of their service population that would be affected by interference received from other DTV stations. The channels here are the same as those the Commission is including in the new DTV Table of Allotments (DTV Table), codified in § 73.622(i) of the Commission's rules.

The table includes a DTV channel assignment for all television stations that are eligible under the qualifying criteria, set forth in the *Second DTV Periodic Report and Order* and reiterated in the discussion above. The technical facilities parameters, which were also used for calculation of the tabulated engineering information, were

developed in the three-round channel election process that the Commission conducted to create the proposed DTV Table, in some cases modified in response to comments filed in this proceeding. These technical facilities data are also available in an EXCEL format at <http://www.fcc.gov/dtv>.

**Data Elements**

**Facility ID:** A five-digit code for identification of TV or DTV stations associated with channel allotments. A unique code is assigned to each station at the time the Commission first receives an application for a construction permit for that station and does not change, even where the license for the station changes ownership or major changes are made to the station, such as a change of channel or community.

**City and State:** The city and state to which the channel is allotted and the station is licensed to serve.

**NTSC Channel:** The station's current analog (NTSC) channel. This field is left blank in the case of stations that are only licensed to operate digital television service. If a station currently operates only an analog channel, that analog channel will appear in this field. Note: Stations must cease analog operations at the end of the DTV transition on February 17, 2009. See 47 U.S.C. 309(j)(14)(A).

**DTV Channel:** The channel assigned for the station's post-transition DTV operation.

**DTV Power:** The effective radiated power (ERP) for the station's post-transition DTV operation. This value is the ERP specified for the station's post-transition operation in the channel election process or modified in response to comments in this proceeding. Accordingly, the ERP may be the station's: (1) Currently authorized ERP, (2) 1997 service replication ERP, (3) other allowable value to which it agreed to operate to resolve a conflict or as part of a negotiated agreement in the channel election process; or (4) in cases where a station's assigned DTV channel is not its current DTV channel, a value determined by the Commission that will enable the station to provide coverage of the station's service area as specified in the channel election process. The value shown is the maximum, over a set of uniformly spaced compass directions, of the ERP values used in determining the station's specified noise-limited DTV service contour. This value is used in the calculations of service and interference also shown herein.

In cases where the TV Engineering Database indicated employment of a directional antenna, the ERP in each specific direction was determined through linear interpolation of the relative field values describing the directional pattern. (The directional pattern stored in the FCC computer database provides relative field values at 10-degree intervals and may include additional values in special directions. The result of linear interpolation of these relative field values is squared and multiplied by the overall maximum ERP listed for the station in the TV Engineering Database to find the ERP in a specific direction.)

Where a station's ERP was determined by the Commission, it was calculated using the

following methodology. First, the distance to the station's noise-limited DTV contour (or Grade B contour for stations that do not have a DTV channel) was determined in each of 360 uniformly spaced compass directions starting from true north. This determination was made using information in the engineering database, including directional antenna data, and using terrain elevation data at points separated by 3 arc-seconds of longitude and latitude, in conjunction with the FCC F(50, 90) curves. The FCC curves (47 CFR 73.699) were applied in the usual way, as described in 47 CFR 73.684, to find this noise-limited contour distance, with the exception that dipole factor considerations were applied to the field strength contour specified in 47 CFR 73.683 for UHF channels.

The station's post-transition DTV ERP was then calculated by a further application of FCC curves, with noise-limited DTV coverage defined as the presence of field strengths of 28 dBu, 36 dBu, and 41 dBu as set forth in § 73.622(e) of the rules, respectively for low-VHF, high-VHF and UHF, at 50 percent of locations and 90 percent of the time. The family of FCC propagation curves for predicting field strength at 50 percent of locations 90 percent of the time is found by the formula  $F(50, 90) = F(50, 50) - [F(50, 10) - F(50, 50)]$ . That is, the F(50, 90) value is lower than F(50, 50) by the same amount that F(50, 10) exceeds F(50, 50). At UHF, the precise value 41 dBu was applied for channel 38; and the value used for other UHF channels is 41 dBu plus a dipole factor modification. This results in reception on channel 14 needing 2.3 dB less, and channel 69 needing 2.3 dB more, than the 41 dBu for channel 38. The dipole factor modification used in ERP calculations is equal to 20 times  $\log_{10}$  of the ratio of the center frequency of the UHF channel of interest to the center frequency of channel 38.

In general, these computations of a station's DTV power on a new channel to match the distance to its noise-limited contour result in ERP values which vary with azimuth. For example, the azimuthal ERP pattern that replicates for a UHF channel, the noise-limited contour of an omnidirectional VHF operation will be somewhat different because terrain has a different effect on propagation in the two bands. Thus, the procedure described here effectively derives a new directional antenna pattern wherever necessary for a precise match according to FCC curves.

Finally, the ERP specified for a station's new UHF DTV channel was limited so that it does not exceed 1 megawatt. This was done by scaling the azimuthal power pattern rather than by truncation. For example, if replication by FCC curves as described above requires an ERP of 1.2 megawatts, the power pattern is reduced by a factor of 1.2 in all directions. The azimuthal pattern is used in subsequent service and interference calculations for the station.

**Antenna Height:** The height of the station's transmitting antenna above average terrain, that is, antenna height above average terrain (antenna HAAT). In general, the antenna HAAT value shown for each station is the same as that specified for the station in the channel election process. This value

represents the height of the radiation center of the station whose service area is being replicated, above terrain averaged from 3.2 to 16.1 kilometers (2 to 10 miles) from the station's transmitter site, over 8 evenly spaced radials. In computations of service coverage and interference, the value of antenna HAAT was determined every 5 degrees directly from the terrain elevation data, and by linear interpolation for compass directions in between.

**Antenna ID:** A six digit number that identifies the radiation pattern for the station's transmitting antenna that is stored in the Commission's Consolidated Database System (CDBS). In cases where a station's post-transition channel is the same as its currently assigned DTV channel, the station's antenna pattern is the same as its certified facilities antenna. In other cases, such as where a station chose its analog channel or a different channel, or where the Commission's staff selected a "best available" channel for the station's post-transition operation, the antenna pattern for the station was developed by our computer software to allow the station to replicate the coverage area reached by operation at its

certified facilities on its proposed channel (i.e., the station's TCD from the channel election process); or the station has indicated that it would use a particular antenna for its post-transition operation in the channel election process, the station's antenna pattern is the same as specified in Schedule B of FCC Forms 383 and 385. These antenna patterns are used in the calculation of service area and interference. The CDBS can be accessed on the Internet at <http://www.fcc.gov/mb/cdbs.html>.

**Transmitter Latitude:** The geographic latitude coordinates of the station's transmitter location.

**Transmitter Longitude:** The geographic longitude coordinates of the station's transmitter location.

**Service Area, Service Population, and Percent Interference Received:** Under the heading "DIGITAL TELEVISION SERVICE AFTER THE TRANSITION," prospective conditions are evaluated in terms of both area and population. The values tabulated under this heading are net values: service area is the area within a station's noise-limited service contour where the desired signal is above the DTV noise threshold, less the area where

service receives predicted interference from other DTV stations. Similarly, the number of people served is the population within a station's noise-limited service contour receiving an adequate signal relative to noise excluding people in areas with predicted interference. The level of interference received to a station's service is calculated based on desired-to-undesired (D/U) ratios, and these levels must be above certain threshold values for acceptable service. The percent interference received value is the percentage of the station's service coverage within its noise-limited service contour that is affected by predicted interference from other DTV stations. The threshold values used to prepare the interference estimates in this appendix are those set forth in § 73.623(c) of the rules, 47 CFR 73.623(c). The procedure used to identify areas of service and interference is that specified in *OET Bulletin No. 69*. See OET Bulletin No. 69, Longley-Rice Methodology for Evaluating TV Coverage and Interference, February 6, 2004 ("*OET Bulletin No. 69*"), available at [http://www.fcc.gov/Bureaus/Engineering\\_Technology/Documents/bulletins/oet69/oet69.pdf](http://www.fcc.gov/Bureaus/Engineering_Technology/Documents/bulletins/oet69/oet69.pdf).

Facility ID	State	City	NTSC		DTV							
			Chan	Chan	ERP (kW)	HAAT (m)	Antenna ID	Latitude (DDMMSS)	Longitude (DDMMSS)	Area (sq km)	Population (thousand)	Percent interference received
21488 ....	AK	ANCHORAGE .....	5	5	45	277	.....	612010	1493046	45353	348	0
804 .....	AK	ANCHORAGE .....	7	8	50	240	67898	612522	1495220	26532	317	0
10173 ....	AK	ANCHORAGE .....	2	10	21	240	67943	612522	1495220	22841	317	0
13815 ....	AK	ANCHORAGE .....	13	12	41	240	65931	612522	1495220	25379	317	0
35655 ....	AK	ANCHORAGE .....	4	20	234	55	74791	611311	1495324	10885	302	0
83503 ....	AK	ANCHORAGE .....	9	26	1000	212	74792	610402	1494436	23703	323	0
49632 ....	AK	ANCHORAGE .....	11	28	28.9	61	73156	611133	1495401	7254	292	0
25221 ....	AK	ANCHORAGE .....	33	32	50	33	74793	610957	1494102	8943	287	0
4983 .....	AK	BETHEL .....	4	3	1	61	.....	604733	1614622	10324	9	0
64597 ....	AK	FAIRBANKS .....	7	7	3.2	214	74449	645520	1474255	11355	82	0
69315 ....	AK	FAIRBANKS .....	9	9	3.2	152	80229	645442	1474638	6873	82	0
49621 ....	AK	FAIRBANKS .....	11	11	3.2	1	74991	645036	1474248	5673	82	0
13813 ....	AK	FAIRBANKS .....	2	18	16	230	.....	645520	1474249	10344	82	0
8651 .....	AK	JUNEAU .....	3	10	1	1	.....	581756	1342407	4249	30	0
13814 ....	AK	JUNEAU .....	8	11	0.14	1	.....	581805	1342626	2239	30	1.1
60520 ....	AK	KETCHIKAN .....	4	13	3.2	1	29997	552059	1314012	4355	15	0
20015 ....	AK	NORTH POLE .....	4	20	50	5	.....	644532	1471926	6209	82	0
60519 ....	AK	SITKA .....	13	7	3.2	1	80181	570301	1352004	6048	8	0
56642 ....	AL	ANNISTON .....	40	9	15.6	359	39744	333624	862503	24554	1437	6.6
71325 ....	AL	BESSEMER .....	17	18	350	675	44013	332851	872403	37533	1549	1.4
717 .....	AL	BIRMINGHAM .....	10	10	3	426	.....	332904	864825	22745	1363	4.9
74173 ....	AL	BIRMINGHAM .....	13	13	16.9	408	75054	332926	864748	31517	1646	1.9
5360 .....	AL	BIRMINGHAM .....	42	30	1000	426	43265	332904	864825	31006	1687	0.4
16820 ....	AL	BIRMINGHAM .....	68	36	885	406	68103	332904	864825	28264	1553	1.1
71221 ....	AL	BIRMINGHAM .....	6	50	1000	420	74797	332919	864758	33118	1692	0.9
720 .....	AL	DEMOPOLIS .....	41	19	1000	324	60739	322145	875204	26322	330	6.5
43846 ....	AL	DOTHAN .....	18	21	1000	205	.....	311425	851843	23559	436	0
4152 .....	AL	DOTHAN .....	4	36	995	573	.....	305510	854428	43948	886	0.4
714 .....	AL	DOZIER .....	2	10	3.2	393	.....	313316	862332	23623	353	8.7
65128 ....	AL	FLORENCE .....	15	14	1000	431	66619	350009	870809	30337	1112	0
6816 .....	AL	FLORENCE .....	26	20	50	230	74798	343438	874657	15572	355	1.7
715 .....	AL	FLORENCE .....	36	22	556	202	.....	343441	874702	20778	544	0.2
1002 .....	AL	GADSDEN .....	60	26	150	315	29932	334853	862655	17744	1379	0.2
73312 ....	AL	GADSDEN .....	44	45	225	309	43164	335327	862813	17536	1350	0.6
83943 ....	AL	GULF SHORES .....	55	25	64.5	308	74787	303640	873626	15544	932	0
74138 ....	AL	HOMEWOOD .....	21	28	765	427	68108	332904	864825	30801	1663	0.9
48693 ....	AL	HUNTSVILLE .....	19	19	40.7	514	.....	344419	863156	23609	992	2.2
713 .....	AL	HUNTSVILLE .....	25	24	396	340	.....	344413	863145	27052	1092	0.7
57292 ....	AL	HUNTSVILLE .....	31	32	468	538	67239	344412	863159	32626	1301	0.9
28119 ....	AL	HUNTSVILLE .....	54	41	400	518	43864	344412	863159	29827	1213	1
591 .....	AL	HUNTSVILLE .....	48	49	41	552	.....	344239	863207	22282	936	0.8
710 .....	AL	LOUISVILLE .....	43	44	925	262	59887	314304	852603	18777	337	0.1
4143 ....	AL	MOBILE .....	10	9	29	381	.....	304117	874754	34970	1203	0
11906 ....	AL	MOBILE .....	15	15	510	558	74580	303640	873627	35481	1282	0.6
60827 ....	AL	MOBILE .....	21	20	105	529	70813	303640	873627	23682	1116	0
83740 ....	AL	MOBILE .....	.....	23	337	574	75124	303645	873843	37989	1283	0.1
73187 ....	AL	MOBILE .....	5	27	1000	581	74800	304120	874949	45411	1406	0.3



Facility ID	State	City	NTSC		DTV							
			Chan	Chan	ERP (kW)	HAAT (m)	Antenna ID	Latitude (DDMMSS)	Longitude (DDMMSS)	Area (sq km)	Population (thousand)	Percent interference received
721	AL	MOBILE	42	41	199	185		303933	875333	16361	912	0
13993	AL	MONTGOMERY	12	12	24.9	507	74369	315828	860944	31615	788	0.5
73642	AL	MONTGOMERY	20	16	1000	518	29552	315828	860944	37703	829	1.3
706	AL	MONTGOMERY	26	27	568	176		322255	861733	18025	549	3.7
72307	AL	MONTGOMERY	32	32	199	545	75049	320830	864443	28378	579	0.7
60829	AL	MONTGOMERY	45	46	500	308	28430	322413	861147	21909	641	0.3
711	AL	MOUNT CHEAHA	7	7	24.1	610	80203	332907	854833	42633	2370	3.4
11113	AL	OPELIKA	66	47	136	539	74487	321916	844728	24321	662	1.3
32851	AL	OZARK	34	33	15	151	68078	311228	853649	8868	244	0
84802	AL	SELMA	29	29	1000	408	32810	323227	865033	26741	621	5.9
701	AL	SELMA	8	42	787	507		320858	864651	38739	722	0.1
62207	AL	TROY	67	48	50	345	30182	320336	855701	14891	479	2
77496	AL	TUSCALOOSA	23	23	50	266	74752	330315	873257	16640	407	1
21258	AL	TUSCALOOSA	33	33	160	625	70330	332848	872550	30987	1357	0.5
68427	AL	TUSKEGEE	22	22	100	325	74464	320336	855702	17790	532	0.4
2768	AR	ARKADELPHIA	9	13	7.3	320		335426	930646	22157	299	16.9
86534	AR	CAMDEN	49	49	68.1	175	74782	331619	924212	13417	146	0.5
92872	AR	EL DORADO		10	6	541	80186	330441	921341	26324	442	1.6
35692	AR	EL DORADO	10	27	823	582		330441	921341	43407	631	5.4
84164	AR	EL DORADO	43	43	206	530	74776	330441	921341	26259	446	0.1
81593	AR	EUREKA SPRINGS	34	34	87.1	213	75069	362630	935825	12963	442	0.1
2767	AR	FAYETTEVILLE	13	9	19	501		354853	940141	35150	889	1.5
60354	AR	FAYETTEVILLE	29	15	180	266		360057	940459	19569	560	3.5
66469	AR	FORT SMITH	5	18	550	286		354949	940924	25959	736	0.2
60353	AR	FORT SMITH	40	21	325	602		350415	944043	33811	525	7.4
29560	AR	FORT SMITH	24	27	200	305	41354	354236	940815	19234	627	0.8
78314	AR	HARRISON	31	31	191	339	75064	364218	930345	18376	533	2.8
608	AR	HOT SPRINGS	26	26	66.4	258	74370	342221	930247	13726	250	0.1
13988	AR	JONESBORO	8	8	18	531		355322	905608	39540	689	0.2
2769	AR	JONESBORO	19	20	50	310		355414	904614	18806	312	0
2784	AR	JONESBORO	48	48	982	295	75036	353616	903118	24784	1386	0
2770	AR	LITTLE ROCK	2	7	8.06	548	74338	342631	921303	30372	952	0
2787	AR	LITTLE ROCK	11	12	55	519		344757	922959	43098	1128	0.8
33543	AR	LITTLE ROCK	7	22	750	574		342824	921210	43307	1087	0.3
11951	AR	LITTLE ROCK	16	30	1000	449	40344	344757	922929	32289	1043	0
33440	AR	LITTLE ROCK	4	32	989	474	29656	344757	922959	37939	1084	0.2
58267	AR	LITTLE ROCK	36	36	50	394	74768	344756	922945	16626	809	0.2
37005	AR	LITTLE ROCK	42	44	1000	485	59098	344745	922944	31868	1038	0.5
2777	AR	MOUNTAIN VIEW	6	13	4.05	407	66439	354847	921724	20280	260	14.6
607	AR	PINE BLUFF	25	24	725	356	40413	343155	920241	24562	845	0
41212	AR	PINE BLUFF	38	39	1000	590	40345	342631	921303	34162	1006	0
29557	AR	ROGERS	51	50	1000	267		362447	935716	23556	643	0
67347	AR	SPRINGDALE	57	39	316	114	40726	361107	941749	12789	422	0.1
81441	AR	DOUGLAS	3	36	1000	9	74708	312208	1093145	10673	34	0
24749	AZ	FLAGSTAFF	2	2	7.25	465	74450	345806	1113028	33788	270	0.2
41517	AZ	FLAGSTAFF	13	13	19.6	474	74998	345805	1113029	29913	203	0
74149	AZ	FLAGSTAFF	4	18	726	487	74804	345804	1113030	34193	227	0
35104	AZ	FLAGSTAFF	9	32	1000	343	72238	345806	1113029	26812	213	1
63927	AZ	GREEN VALLEY	46	46	70.8	1095	74581	322454	1104256	26056	802	0
83491	AZ	HOLBROOK	11	11	3.2	54	74722	345505	1100825	8819	16	0
24753	AZ	KINGMAN	6	19	1000	585	74805	350157	1142156	30420	175	0
35486	AZ	MESA	12	12	22	543	74517	332000	1120348	33724	3236	0
2728	AZ	PHOENIX	8	8	30.7	527	75007	332000	1120349	35929	3239	0
35587	AZ	PHOENIX	10	10	22.2	558	74488	332003	1120343	34519	3236	0
59440	AZ	PHOENIX	15	15	218	509		332000	1120346	28668	3229	0
41223	AZ	PHOENIX	5	17	1000	507	67336	332002	1120340	31756	3237	0
67868	AZ	PHOENIX	21	20	500	489		332002	1120342	30913	3232	0
40993	AZ	PHOENIX	3	24	1000	501	43557	332001	1120345	31415	3234	0
68886	AZ	PHOENIX	45	26	1000	517	33195	332001	1120332	32353	3237	0
35705	AZ	PHOENIX	33	33	196	510	74503	332000	1120346	22493	3226	0
81458	AZ	PHOENIX	39	39	50	538	80243	332003	1120338	17660	3209	0.1
7143	AZ	PHOENIX	61	49	531	497	43560	332002	1120344	24945	3227	0
35811	AZ	PRESCOTT	7	7	3.2	850	74984	344115	1120701	24427	266	0.6
35095	AZ	SIERRA VISTA	58	44	1000	319	65401	314532	1104803	18972	893	0
26655	AZ	TOLLESON	51	51	197	546		332003	1120338	25018	3227	0
36918	AZ	TUCSON	9	9	9.23	1134	74508	322454	1104259	39703	999	0.1
11908	AZ	TUCSON	18	19	480	1123	59934	322456	1104250	37731	924	0.1
25735	AZ	TUCSON	4	23	405	1123	68106	322456	1104250	35035	914	0.2
44052	AZ	TUCSON	11	25	480	1123	64314	322456	1104250	35738	911	0.2
2722	AZ	TUCSON	27	28	50	178	42999	321253	1110021	8550	831	0
2731	AZ	TUCSON	6	30	668	1092		322455	1104251	45415	983	0
48663	AZ	TUCSON	13	32	108	1123	43979	322456	1104250	25662	807	0.7
30601	AZ	TUCSON	40	40	396	621	74564	321456	1110658	22249	933	0
74449	AZ	YUMA	11	11	22.3	468	74556	330310	1144940	34281	326	0
33639	AZ	YUMA	13	16	510	475	74806	330317	1144934	28310	324	0
24518	CA	ANAHEIM	56	32	1000	949	42876	341335	1180358	33879	15062	0
8263	CA	ARCATA	23	22	50	510	74807	404336	1235818	20016	120	0
29234	CA	AVALON	54	47	350	937	66764	341337	1180357	31249	14695	0.2
40878	CA	BAKERSFIELD	23	10	4.6	1128	74808	352714	1183537	23144	841	0

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34459	CA	BAKERSFIELD	17	25	135	405	44570	352617	1184422	18738	698	0
4148	CA	BAKERSFIELD	29	33	110	1128	27939	352711	1183525	24592	992	0
7700	CA	BAKERSFIELD	45	45	210	387	74619	352620	1184424	16819	697	0
63865	CA	BARSTOW	64	44	1000	596	.....	343634	1171711	27479	1578	0
83825	CA	BISHOP	20	20	50	928	74744	372443	1181106	16923	23	0
40517	CA	CALIPATRIA	54	36	155	476	75040	330302	1144938	20044	318	0
4939	CA	CERES	23	15	15	172	.....	372934	1211329	11349	1202	0
33745	CA	CHICO	24	24	331	537	.....	401531	1220524	28699	422	0
24508	CA	CHICO	12	43	1000	396	74809	395730	1214248	25916	597	1.5
23302	CA	CLOVIS	43	43	283	642	.....	364446	1191657	31884	1452	0.1
21533	CA	CONCORD	42	14	50	942	80194	375254	1215505	29972	8383	0.1
19783	CA	CORONA	52	39	54	912	41582	341248	1180341	21797	14149	0.2
57945	CA	COTATI	22	23	110	628	68181	382054	1223438	23262	4471	0
51208	CA	EL CENTRO	9	9	19.5	414	75031	330319	1144944	31675	325	0
36170	CA	EL CENTRO	7	22	1000	477	36690	330302	1144938	33284	325	0
53382	CA	EUREKA	3	3	8.39	503	74390	404352	1235706	35110	149	0
55435	CA	EUREKA	13	11	40	550	.....	404338	1235817	39817	149	0
42640	CA	EUREKA	6	17	30	550	44483	404339	1235817	17975	118	0
58618	CA	EUREKA	29	28	119	381	28858	404336	1235826	15820	121	0
8378	CA	FORT BRAGG	8	8	44.9	733	74379	394138	1233443	38724	143	0.2
67494	CA	FRESNO	53	7	38	560	29423	370423	1192552	33624	1631	0.2
8620	CA	FRESNO	30	30	182	614	74349	370437	1192601	22934	1437	0.1
56034	CA	FRESNO	47	34	185	577	44959	370414	1192531	24853	1422	0.1
35594	CA	FRESNO	24	38	326	601	69073	370419	1192548	28138	1466	0.1
69733	CA	FRESNO	18	40	250	698	67432	364445	1191651	29501	1441	0
34439	CA	HANFORD	21	20	350	580	29793	370422	1192550	28070	1509	0
4328	CA	HUNTINGTON BEACH	50	48	1000	949	65049	341335	1180357	35188	15139	0
35608	CA	LONG BEACH	18	18	111	889	75204	341250	1180340	19277	14109	2.8
282	CA	LOS ANGELES	7	7	11.2	978	74603	341337	1180358	37164	15562	0.1
21422	CA	LOS ANGELES	9	9	12	951	69629	341338	1180400	34447	15439	0
22208	CA	LOS ANGELES	11	11	40.2	902	74702	341329	1180348	40526	15807	0.1
33742	CA	LOS ANGELES	13	13	14.1	899	74704	341342	1180402	36927	15505	0
13058	CA	LOS ANGELES	28	28	107	913	70604	341326	1180343	21994	14312	1.9
35670	CA	LOS ANGELES	5	31	1000	954	32823	341336	1180356	42312	15543	0.2
35123	CA	LOS ANGELES	34	34	392	956	74509	341336	1180359	31607	15014	0
47906	CA	LOS ANGELES	4	36	711	984	74810	341332	1180352	41039	15464	0
38430	CA	LOS ANGELES	58	41	162	901	41475	341326	1180345	22058	13992	1
26231	CA	LOS ANGELES	22	42	486	892	42167	341248	1180341	24724	14376	1.4
9628	CA	LOS ANGELES	2	43	300	947	69117	341338	1180400	31477	14815	0.5
58608	CA	MERCED	51	11	58	575	75200	370419	1192549	35621	1691	0
58609	CA	MODESTO	19	18	500	555	36726	380707	1204327	29812	3331	0
35611	CA	MONTEREY	67	31	50	701	29629	364523	1213005	14541	1065	42.1
26249	CA	MONTEREY	46	32	46	758	44481	363205	1213714	16387	761	9
49153	CA	NOVATO	68	47	1000	402	28688	380900	1223531	15940	5258	3
35703	CA	OAKLAND	2	44	811	433	74637	374519	1222706	23024	6336	0
60549	CA	ONTARIO	46	29	400	937	68117	341336	1180359	32827	14946	1.2
56384	CA	OXNARD	63	24	85	533	40843	341949	1190124	16934	2418	38.4
25577	CA	PALM SPRINGS	42	42	50	219	72090	335158	1162602	7331	372	4.4
16749	CA	PALM SPRINGS	36	46	50	207	74811	335200	1162556	7220	371	0
58605	CA	PARADISE	30	20	661	448	27908	395750	1214238	23929	576	0
35512	CA	PORTERVILLE	61	48	197	804	38116	361714	1185017	27716	1741	0
55083	CA	RANCHO PALOS VERDES	44	51	1000	937	65079	341335	1180357	33638	15007	0
8291	CA	REDDING	7	7	11.6	1106	74504	403610	1223900	38353	371	0.1
47285	CA	REDDING	9	9	9.69	1097	74412	403609	1223901	37993	370	1.4
22161	CA	RIVERSIDE	62	45	670	907	74510	341250	1180340	31637	15069	0
35855	CA	SACRAMENTO	6	9	19.2	567	74604	381618	1213018	33919	5291	13.9
25048	CA	SACRAMENTO	10	10	16.6	595	74695	381424	1213003	37093	6313	0
51499	CA	SACRAMENTO	31	21	850	581	.....	381554	1212924	39963	6384	0
33875	CA	SACRAMENTO	3	35	1000	591	74812	381554	1212924	37884	5024	17.7
10205	CA	SACRAMENTO	40	40	765	581	70334	381618	1213018	31502	4587	4.2
52953	CA	SACRAMENTO	29	48	1000	489	44981	381554	1212924	30324	4218	1.1
19653	CA	SALINAS	8	8	19.2	736	70343	364523	1213005	28847	2561	14.8
14867	CA	SALINAS	35	13	19.8	720	44925	364522	1213006	23793	1122	49.2
58795	CA	SAN BERNARDINO	24	26	440	529	.....	335757	1171705	20478	13150	0
58978	CA	SAN BERNARDINO	30	38	1000	909	46152	341246	1180341	23330	14414	0.1
42122	CA	SAN DIEGO	8	8	14.9	226	80224	325017	1171456	24515	3087	0.2
40876	CA	SAN DIEGO	10	10	11	205	74985	325020	1171456	19575	2948	0.7
10238	CA	SAN DIEGO	51	18	355	576	39587	324150	1165604	29082	2910	3.5
58827	CA	SAN DIEGO	69	19	323	598	65036	324147	1165607	29443	3106	0.2
6124	CA	SAN DIEGO	15	30	350	567	33507	324153	1165603	27819	3013	0.3
35277	CA	SAN DIEGO	39	40	370	563	68010	324148	1165606	26970	2968	0.3
34470	CA	SAN FRANCISCO	7	7	21	509	74465	374520	1222705	32516	6516	7.3
51189	CA	SAN FRANCISCO	20	19	383	418	19024	374519	1222706	22989	6360	1
37511	CA	SAN FRANCISCO	26	27	500	403	67202	374112	1222603	21218	6116	1.8
25452	CA	SAN FRANCISCO	5	29	1000	506	74813	374520	1222705	36730	7115	0
35500	CA	SAN FRANCISCO	9	30	709	509	74814	374519	1222706	33404	6593	4.7
43095	CA	SAN FRANCISCO	32	33	50	491	74815	374520	1222705	16151	5924	0.1
65526	CA	SAN FRANCISCO	4	38	712	446	74655	374519	1222706	23165	6338	1.4
71586	CA	SAN FRANCISCO	38	39	1000	428	29544	374519	1222706	24293	6266	4

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69619	CA	SAN FRANCISCO	44	45	400	446	27801	374519	1222706	19753	6005	2.9
33778	CA	SAN FRANCISCO	14	51	476	701	28493	372957	1215216	19534	6377	0.1
35280	CA	SAN JOSE	11	12	103	377	64426	374107	1222601	36145	6703	0.1
34564	CA	SAN JOSE	36	36	740	668	74585	372917	1215159	28576	6601	4.5
22644	CA	SAN JOSE	65	41	1000	418	60706	374115	1222601	23495	6250	3.3
64987	CA	SAN JOSE	48	49	257	688	38067	372957	1215216	21071	6083	1.5
35663	CA	SAN JOSE	54	50	290	662	34197	372917	1215159	16608	6021	1.7
19654	CA	SAN LUIS OBISPO	6	15	1000	515	28386	352137	1203918	30360	439	0
12930	CA	SAN LUIS OBISPO	33	34	82	441	44369	352138	1203921	18410	410	0.2
58912	CA	SAN MATEO	60	43	536	428	44617	374519	1222706	20821	6089	2.4
59013	CA	SANGER	59	36	372	600	43974	370437	1192601	27078	1440	0
67884	CA	SANTA ANA	40	23	50	900	39876	341327	1180344	21304	13620	5.6
12144	CA	SANTA BARBARA	38	21	1000	923	33205	343128	1195735	36089	1343	0
60637	CA	SANTA BARBARA	3	27	699	917	74818	343132	1195728	42071	1298	2.1
63165	CA	SANTA MARIA	12	19	188	591	74819	345437	1201108	26167	413	0
34440	CA	SANTA ROSA	50	32	19.9	928	72086	384010	1223752	18189	742	4.5
56550	CA	STOCKTON	13	25	1000	594	32519	381424	1213003	39491	6024	7.9
20871	CA	STOCKTON	64	26	425	599	71124	381424	1213003	27821	4135	4.8
10242	CA	STOCKTON	58	46	600	580	.....	381554	1212924	32953	4769	10.3
16729	CA	TWENTYNINE PALMS	.....	23	150	784	36709	340217	1164847	20848	1940	44.1
51429	CA	VALLEJO	66	34	150	419	39592	374519	1222706	17320	5876	3.3
14000	CA	VENTURA	57	49	1000	937	65163	341335	1180357	34730	15072	0
51488	CA	VISALIA	26	28	219	763	28096	364002	1185242	30550	1433	0
16950	CA	VISALIA	49	50	185	834	.....	361714	1185017	31085	1753	0
8214	CA	WATSONVILLE	25	25	81.1	699	70678	364522	1213004	17432	1895	7.1
57219	CO	BOULDER	14	15	200	351	66988	394017	1051306	21679	2934	0
22685	CO	BROOMFIELD	12	13	34.4	730	80221	394055	1052949	33459	3042	0
37101	CO	CASTLE ROCK	53	46	300	178	30026	392557	1043918	13108	2332	0
35037	CO	COLORADO SPRINGS	11	10	20.1	725	20589	384441	1045141	29268	959	54
35991	CO	COLORADO SPRINGS	21	22	51	641	44318	384443	1045140	22342	1109	0
52579	CO	COLORADO SPRINGS	13	24	459	652	74820	384445	1045138	30518	2149	0
40875	CO	DENVER	7	7	37.4	295	74403	394350	1051353	24932	2899	2
23074	CO	DENVER	9	9	39.6	318	74392	394350	1051353	25732	2925	1.8
14040	CO	DENVER	6	18	1000	292	74821	394349	1051500	25306	2939	0.4
68581	CO	DENVER	20	19	1000	295	44187	394350	1051353	24975	2948	0.3
126	CO	DENVER	31	32	1000	314	30041	394345	1051412	23205	2875	0
35883	CO	DENVER	2	34	1000	318	.....	394358	1051408	26818	2981	0.2
47903	CO	DENVER	4	35	1000	373	44452	394351	1051354	25932	2957	0.2
20476	CO	DENVER	41	40	74.8	344	.....	393559	1051235	17700	2624	0
68695	CO	DENVER	59	43	145	356	74822	394024	1051303	17347	2700	0.4
24514	CO	DENVER	50	51	900	233	36173	394358	1051408	19718	2711	0
48589	CO	DURANGO	6	15	46	90	44437	371546	1075358	8794	91	0
84224	CO	DURANGO	.....	20	46	130	65291	371546	1075358	7843	65	0
82613	CO	DURANGO	33	33	50	122	75068	371546	1075345	6607	54	0
125	CO	FORT COLLINS	22	21	1000	233	.....	403832	1044905	25510	1284	0
70578	CO	GLENWOOD SPRINGS	3	23	16.1	771	71566	392507	1072206	14435	82	0
70596	CO	GRAND JUNCTION	5	2	0.8	28	29734	390517	1083358	7398	116	0
52593	CO	GRAND JUNCTION	8	7	9.7	829	74825	390255	1081506	31964	185	0
24766	CO	GRAND JUNCTION	11	12	5.3	452	44527	390400	1084445	17986	138	0.3
31597	CO	GRAND JUNCTION	4	15	71.5	407	29771	390358	1084446	12155	130	0
14042	CO	GRAND JUNCTION	18	18	51.2	883	74404	390314	1081513	19336	121	0
38375	CO	LONGMONT	25	29	540	379	71598	400559	1045402	24252	2839	0
70579	CO	MONTROSE	10	13	2.6	35	29766	383102	1075112	7576	53	1
69170	CO	PUEBLO	8	8	20.3	727	74992	384444	1045139	29601	900	56.5
59014	CO	PUEBLO	5	42	880	660	68141	384442	1045139	31089	765	13.6
20373	CO	STEAMBOAT SPRINGS	24	10	0.481	175	44199	402743	1065057	6228	29	0
63158	CO	STERLING	3	23	599	204	.....	403457	1030156	21554	73	0
70493	CT	BRIDGEPORT	43	42	1000	156	.....	412143	730648	18461	5591	1.7
13594	CT	BRIDGEPORT	49	49	50	222	74586	411643	731108	10597	3792	3.3
147	CT	HARTFORD	61	31	380	506	66902	414213	724957	23488	3645	16.3
53115	CT	HARTFORD	3	33	1000	289	44846	414630	724820	21115	3536	16.1
13602	CT	HARTFORD	24	45	465	505	65933	414213	724957	26813	4226	1.3
3072	CT	HARTFORD	18	46	217	269	.....	414630	724804	16467	3302	7.6
74170	CT	NEW BRITAIN	30	35	250	434	65777	414202	724957	24346	4252	3.8
13595	CT	NEW HAVEN	65	6	0.4	88	.....	411942	725425	9068	2713	10.1
74109	CT	NEW HAVEN	8	10	20.5	342	65037	412522	725706	25647	6215	12
33081	CT	NEW HAVEN	59	39	170	301	46284	412522	725706	17709	4376	2.9
51980	CT	NEW LONDON	26	26	76	368	80220	412503	721155	18575	3333	2.6
13607	CT	NORWICH	53	9	3.2	192	75021	413114	721003	11997	1198	29.8
14050	CT	WATERBURY	20	20	58.5	515	74364	414213	724957	21645	3935	9.5
1051	DC	WASHINGTON	7	7	15	254	74539	385701	770447	22296	7065	0
65593	DC	WASHINGTON	9	9	17	254	74506	385701	770447	22544	7075	0.3
65670	DC	WASHINGTON	26	27	90	254	66360	385701	770447	16086	6626	1.6
27772	DC	WASHINGTON	32	33	100	254	.....	385701	770447	17550	6781	0.1
51567	DC	WASHINGTON	20	35	500	254	.....	385701	770447	21882	7046	0.2
22207	DC	WASHINGTON	5	36	1000	235	74830	385721	770457	22214	7092	0.8
47904	DC	WASHINGTON	4	48	1000	237	74831	385624	770454	22223	7074	0.1
30576	DC	WASHINGTON	50	50	123	253	.....	385744	770136	17031	6767	0.1
72335	DE	SEAFORD	64	44	98	196	66096	383915	753642	11086	465	7.4

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72338	DE	WILMINGTON	12	12	9.9	294	74622	400230	751424	21656	7752	1.6
51984	DE	WILMINGTON	61	31	200	374	39302	400230	751411	18478	6836	9.5
51349	FL	BOCA RATON	63	40	1000	310		255934	801027	29971	4925	0
6601	FL	BRADENTON	66	42	210	476		274910	821539	28906	3722	1
70649	FL	CAPE CORAL	36	35	930	404	67859	264742	814805	28363	1378	1.1
11125	FL	CLEARWATER	22	21	1000	409	32885	274910	821539	26800	3503	0.1
53465	FL	CLERMONT	18	17	1000	472	38022	283512	810458	36917	3225	0.1
6744	FL	COCOA	68	30	182	491	38429	283635	810335	26292	2631	0
24582	FL	COCOA	52	51	50	514		283512	810458	23814	2623	0
25738	FL	DAYTONA BEACH	2	11	54.9	511	41527	283635	810335	43816	3125	4.4
131	FL	DAYTONA BEACH	26	49	150	459		285516	811909	25951	2645	0.1
81669	FL	DESTIN		48	1000	318	65951	305952	864313	23444	743	1.5
64971	FL	FORT LAUDERDALE	51	30	329	304	74587	255909	801137	20549	4770	0.2
22093	FL	FORT MYERS	11	9	20	451		264801	814548	37693	1562	0
71085	FL	FORT MYERS	20	15	1000	454	59198	264921	814554	36098	1643	0
62388	FL	FORT MYERS	30	31	50	293	74833	264854	814544	17120	943	0.1
35575	FL	FORT PIERCE	34	34	522	438	75041	270719	802320	28293	2144	0
29715	FL	FORT PIERCE	21	38	765	297	71509	270132	801043	22636	2117	0
31570	FL	FORT WALTON BEACH	53	40	33.5	219	29918	302409	865935	11996	581	0
54938	FL	FORT WALTON BEACH	58	49	50	59	74834	302343	863011	3785	163	12
6554	FL	FORT WALTON BEACH	35	50	1000	221		302346	865913	21954	689	0
83965	FL	GAINESVILLE	29	9	3.2	278	75127	293747	823425	18401	500	1.7
16993	FL	GAINESVILLE	20	16	344	254	70423	293211	822400	18598	793	0
69440	FL	GAINESVILLE	5	36	1000	263		294234	822340	26470	1150	0
7727	FL	HIGH SPRINGS	53	28	168	265	73079	293747	823424	17693	635	0.1
60536	FL	HOLLYWOOD	69	47	575	297	43915	255909	801137	21946	4801	0
73130	FL	JACKSONVILLE	7	7	16.2	288	74527	301651	813412	25919	1314	0.5
65046	FL	JACKSONVILLE	12	13	25	310		301624	813313	31176	1381	1.6
35576	FL	JACKSONVILLE	47	19	1000	291	42083	301651	813412	27268	1345	0.3
11909	FL	JACKSONVILLE	30	32	1000	291	42562	301651	813412	25771	1324	0.2
29712	FL	JACKSONVILLE	17	34	1000	283	29378	301636	813347	24697	1308	0
53116	FL	JACKSONVILLE	4	42	976	294	41583	301624	813313	26562	1329	0
29719	FL	JACKSONVILLE	59	44	715	235	69233	301634	813353	19675	1267	0
72053	FL	KEY WEST	22	3	1	62		243318	814807	9983	45	0
27387	FL	KEY WEST	8	8	3.2	33	74365	243419	814425	5713	45	0
27290	FL	LAKE WORTH	67	36	1000	385	43353	263520	801244	28708	4345	12.9
53819	FL	LAKELAND	32	19	1000	458		274910	821539	41503	4346	1.7
60018	FL	LEESBURG	55	40	1000	514	32830	283511	810458	37186	3155	0.2
9881	FL	LEESBURG	45	46	1000	472	59171	283512	810458	31806	3050	0.2
22245	FL	LIVE OAK	57	48	1000	597		304051	835821	44034	970	0
81594	FL	MARIANNA	51	51	50	254	74785	303042	852917	13673	278	0
5802	FL	MELBOURNE	43	43	1000	300	74433	281822	805445	23789	2340	0.3
67602	FL	MELBOURNE	56	48	1000	456	67869	280537	810728	31239	2955	3.5
63840	FL	MIAMI	7	7	145	291	80184	255749	801244	36091	5031	0
53113	FL	MIAMI	10	10	30	294	74350	255759	801244	27703	4931	0
13456	FL	MIAMI	2	18	1000	309	30258	255730	801244	26169	4906	0
10203	FL	MIAMI	39	19	1000	239	67745	255807	801320	20430	4771	0.4
66358	FL	MIAMI	17	20	625	301	42558	255846	801146	23263	4880	0
47902	FL	MIAMI	4	22	1000	298		255807	801320	31232	4922	0
73230	FL	MIAMI	23	23	485	257	74466	255807	801320	18379	4714	0
63154	FL	MIAMI	6	31	1000	311		255807	801320	30510	4920	0
12497	FL	MIAMI	33	32	1000	263	41330	255802	801234	21017	4771	0
48608	FL	MIAMI	35	35	242	282	74993	255909	801137	18162	4564	2.8
67971	FL	MIAMI	45	46	500	308	36387	255934	801027	19031	4815	0
19183	FL	NAPLES	26	41	1000	454	59197	264921	814554	32033	1491	2
61504	FL	NAPLES	46	45	1000	456	33429	264708	814740	28232	1369	0.4
12171	FL	NEW SMYRNA BEACH	15	33	308	491	59744	283635	810335	28477	2677	0.1
70651	FL	OCALA	51	31	500	259	39152	292132	821943	19210	910	0.2
11893	FL	ORANGE PARK	25	10	12	298		301624	813313	26958	1318	0.9
41225	FL	ORLANDO	35	22	1000	392	28032	283613	810511	34755	2981	0.2
12855	FL	ORLANDO	24	23	950	380	40155	283608	810537	32898	2991	0
71293	FL	ORLANDO	6	26	547	516	71980	283635	810335	35732	2960	0.2
55454	FL	ORLANDO	27	27	247	477		283407	810316	32237	2872	0
72076	FL	ORLANDO	9	39	1000	492		283407	810316	40585	3220	0.2
54940	FL	ORLANDO	65	41	1000	515		283635	810335	40291	3165	2.7
11123	FL	PALM BEACH	61	49	800	125	44853	264547	801219	13671	2395	0
73136	FL	PANAMA CITY	7	7	52	244	74969	302600	852451	25857	372	0.4
2942	FL	PANAMA CITY	28	9	2.3	142	67964	302342	853202	12161	238	2.4
66398	FL	PANAMA CITY	13	13	35.5	405	74426	302108	852328	32536	721	0.1
6093	FL	PANAMA CITY	56	38	49.2	137		302202	855528	12069	275	0
4354	FL	PANAMA CITY BEACH	46	47	50	59	74838	301059	854642	5037	154	0
71363	FL	PENSACOLA	3	17	1000	579		303645	873843	47474	1408	0
17611	FL	PENSACOLA	23	31	1000	549	38343	303640	873626	33333	1253	0.1
10894	FL	PENSACOLA	33	34	1000	415	33836	303735	873850	27979	1210	0
41210	FL	PENSACOLA	44	45	1000	457	42957	303516	873313	28956	1244	0
61251	FL	SARASOTA	40	24	116	233		273321	822149	15298	2563	12
11290	FL	ST. PETERSBURG	10	10	18.5	440	74467	281104	824539	31248	3396	0.2
4108	FL	ST. PETERSBURG	38	38	1000	438	70212	275032	821546	30498	3664	0.1
74112	FL	ST. PETERSBURG	44	44	463	452		275052	821548	32510	3887	0.8

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83929	FL	STUART		44	773	80			264337	800448	14826	2240	0
82735	FL	TALLAHASSEE		24	24	39		65784	302940	842503	5304	304	0
41065	FL	TALLAHASSEE	27	27	1000	487			304006	835810	41970	951	0.1
21801	FL	TALLAHASSEE	11	32	938	237			302131	843638	25384	516	0
66908	FL	TALLAHASSEE	40	40	1000	600	70213		304051	835821	38436	784	0.1
64592	FL	TAMPA	8	7	19	465			275032	821545	37491	4250	0.8
68569	FL	TAMPA	13	12	72.3	436	17613		274908	821426	42687	4205	6.6
21808	FL	TAMPA	3	13	17.1	473	75058		274948	821559	36363	4123	1.2
64588	FL	TAMPA	28	29	987	475	67821		275032	821545	38497	4186	0
69338	FL	TAMPA	16	34	475	453			275052	821548	32898	3939	2
60559	FL	TAMPA	50	47	500	317	59290		275032	821545	22988	3453	0.3
51988	FL	TEQUESTA	25	16	1000	454	29425		270717	802342	33467	2807	0.9
71580	FL	TICE	49	33	1000	429	32880		264708	814741	27350	1275	0.4
16788	FL	VENICE	62	25	750	472	39529		274910	821539	32426	3786	0.1
59443	FL	WEST PALM BEACH	5	12	13.4	387	74623		263520	801243	29999	4818	0
52527	FL	WEST PALM BEACH	12	13	29.5	291	39117		263518	801230	28983	4782	0
61084	FL	WEST PALM BEACH	42	27	400	440	44609		263437	801432	26429	4992	0
39736	FL	WEST PALM BEACH	29	28	630	458	38600		263437	801432	31715	5137	0
70713	GA	ALBANY	10	10	18.2	272	74405		311952	835144	24614	626	1.2
70815	GA	ALBANY	31	12	60	287	38373		311952	835143	28865	746	0.7
23948	GA	ATHENS	8	8	15.6	305	74366		334818	840840	24589	4507	0.5
48813	GA	ATHENS	34	48	1000	310			334826	842022	27603	4694	0.1
51163	GA	ATLANTA	11	10	80	303			334524	841955	34627	4867	0.6
72120	GA	ATLANTA	46	19	1000	329			334826	842022	32016	4822	0.1
64033	GA	ATLANTA	17	20	1000	310			334826	842022	30474	4766	0.5
4190	GA	ATLANTA	30	21	50	334	74839		334535	842007	17636	4101	4.3
22819	GA	ATLANTA	36	25	500	332			334826	842022	26868	4612	2
70689	GA	ATLANTA	5	27	1000	332			334751	842002	30601	4773	0.6
23960	GA	ATLANTA	2	39	1000	301	65852		334551	842142	27454	4618	0.1
13206	GA	ATLANTA	57	41	165	319			340359	842717	20717	4373	0.5
6900	GA	ATLANTA	69	43	1000	335			334440	842136	29766	4733	0.1
73937	GA	AUGUSTA	12	12	20.2	485	74489		332429	815036	37025	1357	0.6
70699	GA	AUGUSTA	26	30	400	483			332420	815001	34939	1259	0.2
27140	GA	AUGUSTA	6	42	1000	507			332420	815001	40539	1454	0
3228	GA	AUGUSTA	54	51	37	363	67958		332500	815006	16372	615	0.1
23486	GA	BAINBRIDGE	49	49	226	597			304051	835821	34589	873	0
69446	GA	BAXLEY	34	35	650	454			320335	812043	36067	827	0
71236	GA	BRUNSWICK	21	24	500	418	75243		304939	814427	29155	1290	0
23942	GA	CHATSWORTH	18	33	426	537	32774		344506	844254	27651	2782	1.2
23935	GA	COCHRAN	29	7	22	369			322811	831517	32901	784	1.7
595	GA	COLUMBUS	9	9	1	503	70342		321925	844646	22410	642	4.7
3359	GA	COLUMBUS	3	15	1000	449			321925	844646	39904	1113	11.5
23918	GA	COLUMBUS	28	23	250	462	33233		325108	844204	27151	1332	0.1
37179	GA	COLUMBUS	38	35	50	399	74840		322728	845308	21298	660	0
12472	GA	COLUMBUS	54	49	500	312	67961		322739	845243	19986	638	2.4
63867	GA	CORDELE	55	51	200	109			315335	834818	14405	356	0.3
60825	GA	DALTON	23	16	300	425	28422		345707	852258	24445	1157	2.7
23930	GA	DAWSON	25	8	6	313	44505		315615	843315	19618	471	21
46991	GA	MACON	13	13	30	238			324510	833332	27301	820	4.2
58262	GA	MACON	24	16	1000	216	77955		324458	833335	12448	676	0.3
43847	GA	MACON	41	40	110	189			324512	833346	15105	538	0
24618	GA	MACON	64	45	1000	223	60980		324551	833332	19160	655	0.8
68058	GA	MONROE	63	44	700	303			334441	842136	25422	4531	0.2
23917	GA	PELHAM	14	6	3.8	474	74339		304013	835626	30535	844	0
54728	GA	PERRY	58	32	50	247	74842		324509	833335	15647	553	0
51969	GA	ROME	14	51	1000	622	32746		341848	843855	35465	5192	0.4
23947	GA	SAVANNAH	9	9	15.2	320	80230		320848	813705	28965	759	0.3
590	GA	SAVANNAH	11	11	14.8	420	74380		320314	812101	28682	752	0
37174	GA	SAVANNAH	22	22	166	436	74457		320330	812020	25120	667	0
48662	GA	SAVANNAH	3	39	1000	442			320331	811755	37667	832	0.1
31590	GA	THOMASVILLE	6	46	1000	619			304013	835626	45196	972	0.1
63329	GA	TOCCOA	32	24	600	209			343644	832205	20917	1161	1.8
28155	GA	VALDOSTA	44	43	50	253	40583		311018	832157	13316	328	0
23929	GA	WAYCROSS	8	8	20	286			311317	823424	28624	426	5.9
23937	GA	WRENS	20	6	30	436	74332		331533	821709	25555	782	0
36914	HI	HILO	9	9	3.2	33	74970		194300	1550813	10655	79	0
4146	HI	HILO	11	11	3.35	33	74440		194357	1550404	5336	78	0
64544	HI	HILO	13	13	3.73	1	74413		194357	1550404	6703	79	0
34846	HI	HILO	2	22	8	1	44792		194351	1550411	1638	64	0.5
37103	HI	HILO	14	23	35	33	28420		194300	1550813	7064	78	0
4144	HI	HONOLULU	2	8	7.2	1			211746	1575036	11570	817	0
36917	HI	HONOLULU	9	9	7	33	74971		211746	1575036	9210	826	0
51241	HI	HONOLULU	38	10	14.3	577	66350		212345	1580558	26942	812	7.5
26431	HI	HONOLULU	11	11	3.2	637	74414		212403	1580610	22766	862	0
34527	HI	HONOLULU	20	19	60.7	606	43104		212351	1580600	16294	788	0
34445	HI	HONOLULU	5	23	1000	629	74843		212403	1580610	31295	852	0.4
3246	HI	HONOLULU	26	27	262	580	45219		212345	1580558	14530	829	0
36846	HI	HONOLULU	14	31	50	33	28782		211849	1575143	6227	746	0
65395	HI	HONOLULU	32	33	49.6	1	77218		211849	1575143	5500	751	0

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34867	HI	HONOLULU	13	35	550	33	74845	211709	1575019	10827	780	0	
64548	HI	HONOLULU	4	40	85	1	68040	211737	1575034	4992	767	1.4	
27425	HI	HONOLULU	44	43	6.46	577	.....	212345	1580558	14133	764	0	
83180	HI	KAILUA	50	50	50	632	74783	211949	1574524	25899	841	0	
664	HI	KAILUA KONA	6	25	700	871	66907	194316	1555515	42674	64	3.4	
77483	HI	KANEOHE	66	41	297	632	.....	211949	1574524	37079	778	8.5	
4145	HI	WAILUKU	7	7	3.69	1809	74519	204241	1561526	44292	146	0	
26428	HI	WAILUKU	10	10	3.2	1811	74479	204240	1561534	41025	131	2.2	
64551	HI	WAILUKU	12	12	3.94	1664	75008	204216	1561635	30905	139	0	
34859	HI	WAILUKU	15	16	50	1723	74846	204234	1561554	27836	135	0	
37105	HI	WAILUKU	21	21	53.1	1298	75029	204058	1561907	28579	146	0	
36920	HI	WAILUKU	3	24	72.4	1814	.....	204241	1561535	48946	137	9.2	
89714	HI	WAIMANALO	56	38	50	632	74789	211949	1574524	27066	843	0	
8661	IA	AMES	5	5	3.91	613	74683	414947	933656	43150	987	0	
51502	IA	AMES	23	23	246	613	74753	414947	933656	38510	952	0	
82619	IA	AMES	34	34	50	150	75070	415849	934423	12603	598	0	
7841	IA	BURLINGTON	26	41	500	388	29888	410808	904830	26895	855	0.4	
9719	IA	CEDAR RAPIDS	9	9	19.2	607	74589	421859	915131	42342	970	0.8	
35336	IA	CEDAR RAPIDS	28	27	1000	449	29380	420525	920513	33845	815	0	
21156	IA	CEDAR RAPIDS	48	47	500	309	.....	421717	915254	25135	694	0	
25685	IA	CEDAR RAPIDS	2	51	500	585	.....	421859	915130	38136	900	0.1	
29108	IA	COUNCIL BLUFFS	32	33	200	98	.....	411515	955008	13206	816	0	
5471	IA	DAVENPORT	36	34	150	102	.....	412829	902645	12845	542	0.1	
6885	IA	DAVENPORT	6	36	696	329	.....	411844	902246	29295	999	0.2	
54011	IA	DAVENPORT	18	49	1000	344	44477	411844	902245	28483	958	0	
33710	IA	DES MOINES	8	8	29.4	566	74490	414835	933716	43178	984	1.2	
29102	IA	DES MOINES	11	11	19.8	600	75043	414833	933653	43085	983	0.4	
66221	IA	DES MOINES	13	13	36.1	609	74427	414947	933656	47702	1038	2.2	
56527	IA	DES MOINES	17	16	500	612	39534	414947	933656	40497	974	0	
78915	IA	DES MOINES	.....	31	628	589	74639	414947	933656	37868	947	0.1	
17625	IA	DUBUQUE	40	43	800	262	39740	423109	903711	19008	305	0.9	
29100	IA	FORT DODGE	21	25	600	363	.....	424903	942441	31286	337	4.1	
29095	IA	IOWA CITY	12	12	17.8	439	75030	414315	912030	35044	1110	0.1	
35096	IA	IOWA CITY	20	25	1000	419	39521	414329	912110	33132	1058	1.4	
29086	IA	MASON CITY	24	18	500	437	41152	432220	924959	30335	598	0	
66402	IA	MASON CITY	3	42	1000	447	.....	432220	924959	38283	717	1.2	
81509	IA	NEWTON	39	39	116	154	74772	414905	931232	11998	651	0	
53820	IA	OTTUMWA	15	15	50	332	74372	411142	915715	17119	305	0.1	
29085	IA	RED OAK	36	35	600	475	32182	412040	951521	30526	932	0.1	
11265	IA	SIOUX CITY	9	9	22.3	616	74480	423512	961357	44501	639	1.5	
29096	IA	SIOUX CITY	27	28	475	348	.....	423053	961815	29270	353	0	
39665	IA	SIOUX CITY	14	39	1000	611	.....	423512	961319	45543	662	0	
66170	IA	SIOUX CITY	4	41	873	609	.....	423512	961318	44386	655	0	
77451	IA	SIOUX CITY	44	44	914	587	75037	423512	961318	37919	553	0.7	
593	IA	WATERLOO	7	7	3.2	527	74624	422402	915036	29923	770	1.7	
81595	IA	WATERLOO	22	22	80.9	198	74750	422453	920034	14283	453	0.2	
29114	IA	WATERLOO	32	35	250	584	.....	421859	915131	35668	869	1	
34858	ID	BOISE	7	7	39.8	785	74994	434516	1160556	42508	556	0	
62442	ID	BOISE	4	21	725	858	66936	434521	1160554	35287	552	0	
49760	ID	BOISE	2	28	978	777	74847	434517	1160553	45215	558	0	
35097	ID	BOISE	39	39	50	534	74773	434423	1160815	10348	464	0	
59363	ID	CALDWELL	9	10	14	818	41421	434518	1160552	30230	551	0	
62424	ID	COEUR D'ALENE	26	45	50	465	74848	474354	1164347	14948	548	0	
12284	ID	FILER	19	18	50	161	74849	424347	1142452	13431	132	0	
66258	ID	IDAHO FALLS	8	8	63	463	.....	433003	1123936	42673	272	0	
41238	ID	IDAHO FALLS	20	20	50	223	74745	434544	1115730	14669	165	0	
56028	ID	IDAHO FALLS	3	36	200	457	28614	432951	1123950	22981	247	0	
56032	ID	LEWISTON	3	32	200	361	29292	462727	1170556	16016	133	0	
62382	ID	MOSCOW	12	12	78	340	.....	464054	1165813	35130	238	12.7	
28230	ID	NAMPA	12	12	17	829	.....	434518	1160552	41395	555	0.2	
59255	ID	NAMPA	6	24	823	811	74850	434520	1160555	45069	558	0	
86205	ID	POCATELLO	15	15	251	327	74733	425150	1123110	16199	216	0	
62430	ID	POCATELLO	10	17	190	465	74851	433002	1123936	29893	260	0	
1270	ID	POCATELLO	6	23	505	452	28852	425515	1122044	24439	241	0	
78910	ID	POCATELLO	31	31	72.3	447	75065	425515	1122044	12855	207	0.1	
81570	ID	SUN VALLEY	5	32	1000	572	74711	432647	1141252	28884	161	0	
35200	ID	TWIN FALLS	11	11	16.4	323	74393	424348	1142452	27640	152	0	
62427	ID	TWIN FALLS	13	22	50	161	74852	424347	1142452	12892	124	0	
1255	ID	TWIN FALLS	35	34	21.7	152	66302	424342	1142443	7375	99	0	
60539	IL	AURORA	60	50	172	509	74684	415244	873808	23585	9162	1	
5875	IL	BLOOMINGTON	43	28	1000	293	.....	403845	891045	30031	1013	0.2	
4297	IL	CARBONDALE	8	8	14.1	271	74549	380611	891440	25125	737	3.2	
25684	IL	CHAMPAIGN	15	41	950	375	68470	400411	875445	28692	921	7	
42124	IL	CHAMPAIGN	3	48	1000	245	.....	400621	882700	23439	761	0.3	
18301	IL	CHARLESTON	51	50	255	146	69577	393415	881825	14097	449	0	
73226	IL	CHICAGO	7	7	3.2	515	74590	415244	873810	29082	9389	0.7	
9617	IL	CHICAGO	2	12	3.2	497	.....	415244	873808	28938	9367	0.5	
72115	IL	CHICAGO	9	19	645	453	39765	415244	873810	31644	9509	0.5	
12279	IL	CHICAGO	20	21	98.9	378	33366	415356	873723	20833	8983	0.1	

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71428	IL	CHICAGO	26	27	160	510	45223	415244	873810	26125	9284	0.1
47905	IL	CHICAGO	5	29	350	508	31269	415244	873810	32116	9520	0.2
22211	IL	CHICAGO	32	31	690	475		415244	873810	37880	9711	0.1
10981	IL	CHICAGO	38	43	200	509	38347	415244	873808	26028	9256	0.5
70119	IL	CHICAGO	44	45	467	472	27856	415244	873810	28750	9402	0.2
10802	IL	CHICAGO	11	47	300	465	33534	415244	873810	27544	9338	0.3
70852	IL	DECATUR	17	18	350	375	29834	395707	884955	25571	913	0
16363	IL	DECATUR	23	22	253	401	46084	395656	885012	25397	918	0
57221	IL	EAST ST. LOUIS	46	47	187	345	74855	382318	902916	19175	2686	0
4689	IL	FREEPORT	23	23	50	219	74557	421748	891015	14184	909	6.1
73999	IL	HARRISBURG	3	34	1000	302		373650	885220	31461	703	0.1
70536	IL	JACKSONVILLE	14	15	75	295		393609	900247	19431	508	1.2
12498	IL	JOLIET	66	38	137	401	74605	415356	873723	19882	8980	0.2
998	IL	LASALLE	35	10	16	403	28403	411651	885613	29036	2834	2.1
70537	IL	MACOMB	22	21	75	131		402354	904355	13181	224	0.2
67786	IL	MARION	27	17	800	213	41637	373326	890124	20778	529	0
5468	IL	MOLINE	24	23	80	269	45050	411844	902245	16674	596	0.1
73319	IL	MOLINE	8	38	1000	334		411844	902246	30696	927	13.3
40861	IL	MOUNT VERNON	13	21	1000	242	68044	383253	892917	22609	2280	0.6
4301	IL	OLNEY	16	19	46	284		385019	880747	17582	308	0
6866	IL	PEORIA	19	19	52.7	160	74550	403911	893514	12050	556	0.8
24801	IL	PEORIA	25	25	246	212	75203	403746	893253	17471	652	1.7
42121	IL	PEORIA	31	30	800	193	71928	403806	893219	19343	710	0
52280	IL	PEORIA	59	39	100	180		403834	893238	14576	599	0.1
28311	IL	PEORIA	47	46	190	216		403744	893412	17264	655	0
54275	IL	QUINCY	10	10	13.9	238	80231	395703	911954	25734	311	1.3
4593	IL	QUINCY	16	32	50	302	74856	395818	911942	17825	236	0
71561	IL	QUINCY	27	34	58.6	153		395841	911832	13012	184	1.4
13950	IL	ROCK ISLAND	4	4	3.88	408	74670	413249	902835	33309	983	0
73940	IL	ROCKFORD	13	13	12.4	216	80211	421750	891424	22246	1487	8.7
72945	IL	ROCKFORD	17	16	196	201		421714	891015	18378	1234	0
52408	IL	ROCKFORD	39	42	1000	149	40572	421726	890951	16227	1101	9.1
42116	IL	SPRINGFIELD	49	13	5.08	183	74606	394727	893053	19180	552	0.4
25686	IL	SPRINGFIELD	20	42	950	402	68475	394815	892740	29924	963	1.4
62009	IL	SPRINGFIELD	55	44	335	416		394757	892646	28977	881	0
68939	IL	URBANA	12	9	30	302		400218	884010	30142	1063	4.8
69544	IL	URBANA	27	26	507	138	44738	401846	875500	15153	385	0
67787	IN	ANGOLA	63	12	16.5	132	33342	412715	844810	17294	874	6.2
66536	IN	BLOOMINGTON	30	14	224	221	43429	390831	862943	17415	1005	0
10253	IN	BLOOMINGTON	63	27	165	310		392416	860837	22019	1993	0
68007	IN	BLOOMINGTON	42	42	391	297		392412	860850	23254	2054	0.1
56523	IN	BLOOMINGTON	4	48	870	337	66628	392427	860852	22528	2100	1.8
74007	IN	ELKHART	28	28	126	299		413658	861138	20179	1271	2.3
67802	IN	EVANSVILLE	9	9	30	285	74975	375901	871613	24887	793	1.4
24215	IN	EVANSVILLE	25	25	50	301		375157	873404	17960	632	0.4
3661	IN	EVANSVILLE	7	28	1000	273	39643	380127	872143	24657	765	0
72041	IN	EVANSVILLE	44	45	500	288		375317	873237	23639	730	0.2
13991	IN	EVANSVILLE	14	46	250	310		375314	873107	22329	711	0
13960	IN	FORT WAYNE	33	19	285	239		410538	851036	19941	1027	2.7
73905	IN	FORT WAYNE	21	24	335	224		410608	851105	20240	1052	0.1
39270	IN	FORT WAYNE	15	31	1000	242	66172	410538	851048	21871	1106	2
25040	IN	FORT WAYNE	55	36	1000	219	77897	410633	851142	19630	1048	0.2
22108	IN	FORT WAYNE	39	40	90	221		410613	851128	16043	835	0
49803	IN	GARY	56	17	300	290	46333	412056	872402	17974	6919	0
48772	IN	GARY	50	51	1000	523	30328	415244	873810	36200	9648	0
32334	IN	HAMMOND	62	36	50	455	20094	415244	873810	13905	7988	0.2
39269	IN	INDIANAPOLIS	8	9	19.5	284		395325	861220	25906	2472	3.7
70162	IN	INDIANAPOLIS	13	13	15.1	299	80212	395543	861055	26707	2510	0.8
37102	IN	INDIANAPOLIS	40	16	225	284	28275	395340	861221	19773	2154	0.4
41397	IN	INDIANAPOLIS	20	21	200	236	33405	395359	861201	16842	1912	0.1
40877	IN	INDIANAPOLIS	6	25	898	294		395357	861204	29468	2603	0.1
7908	IN	INDIANAPOLIS	69	44	215	167		395320	861207	14297	1830	3.7
146	IN	INDIANAPOLIS	59	45	700	285		395320	861207	24873	2432	1
56526	IN	KOKOMO	29	29	624	285	75202	395320	861207	22949	2371	0.5
73204	IN	LAFAYETTE	18	11	30	214	46110	402320	863646	26854	2022	1.1
28462	IN	MARION	23	32	1000	271	33152	400856	855615	24181	2240	1.2
3646	IN	MUNCIE	49	23	79.1	246		400537	852332	17374	1494	0.1
67869	IN	RICHMOND	43	39	500	281	17601	393044	843809	20981	3107	0.7
34167	IN	SALEM	58	51	1000	390	43303	382100	855057	30937	1759	0.7
73983	IN	SOUTH BEND	22	22	203	325	74481	413700	861301	24469	1519	2.1
41671	IN	SOUTH BEND	34	35	50	333		413649	861120	18549	1202	1.2
41674	IN	SOUTH BEND	16	42	695	299		413620	861246	26344	1633	0.8
36117	IN	SOUTH BEND	46	48	300	295	30032	413543	860938	20015	1214	2.2
70655	IN	TERRE HAUTE	10	10	14.2	293	74468	391436	872307	26481	742	2.5
20426	IN	TERRE HAUTE	2	36	1000	248		391433	872329	24733	706	0.3
65247	IN	TERRE HAUTE	38	39	850	248		391433	872329	23495	664	0.1
4329	IN	VINCENNES	22	22	50	174	74592	383906	872837	11671	268	0.5
65523	KS	COLBY	4	17	1000	232		391509	1012109	26138	40	0
162115	KS	COLBY		19	500	384	67184	391431	1012138	28456	43	0.6



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166332	KS	DERBY	.....	46	570	276	.....	374801	973129	23316	712	0	
79258	KS	DODGE CITY	21	21	8.42	99	.....	374933	1001040	8571	41	0	
66414	KS	ENSIGN	6	6	20	198	.....	373828	1002039	35374	155	0	
72361	KS	GARDEN CITY	11	11	7.4	244	74394	374640	1005208	23078	136	0	
65535	KS	GARDEN CITY	13	13	21.2	250	74415	373900	1004006	26607	139	0.6	
66416	KS	GOODLAND	10	10	34.7	285	74373	392810	1013319	29681	45	0	
72359	KS	GREAT BEND	2	22	1000	296	74857	382554	984618	30069	200	0	
66415	KS	HAYS	7	7	10.3	216	74434	385301	992015	23256	93	0	
60675	KS	HAYS	9	16	496	304	43521	384616	984416	26243	116	0.4	
83181	KS	HOISINGTON	14	14	50	163	74728	383754	985052	13887	84	0	
33345	KS	HUTCHINSON	8	8	9.28	244	75009	380321	974635	22260	672	4.1	
66413	KS	HUTCHINSON	12	12	18.5	463	74428	380340	974549	36509	822	0.1	
77063	KS	HUTCHINSON	36	35	1000	310	29560	375623	973042	22741	712	0	
60683	KS	LAKIN	3	8	35	149	64618	374940	1010635	20549	77	7.4	
42636	KS	LAWRENCE	38	41	551	291	74520	385842	943201	19399	1978	0	
58552	KS	PITTSBURG	7	7	4.2	340	.....	371315	944225	23837	455	0.4	
83992	KS	PITTSBURG	14	13	3.2	163	80187	371315	944222	13434	303	3.2	
11912	KS	SALINA	18	17	65	314	28829	390616	972315	15730	202	0	
70938	KS	TOPEKA	11	11	15.4	305	80233	390351	954549	27177	1122	0.3	
166546	KS	TOPEKA	22	12	3.2	225	80241	390350	954549	13374	420	8.6	
63160	KS	TOPEKA	13	13	18.1	421	75026	390019	960258	33510	674	0.5	
67335	KS	TOPEKA	27	27	50	320	74472	390534	954704	18654	485	0	
49397	KS	TOPEKA	49	49	123	451	75032	390134	955458	19858	519	0	
65522	KS	WICHITA	10	10	24.6	310	74441	374653	973108	30061	743	0.1	
11911	KS	WICHITA	24	26	350	303	43659	374640	973037	21248	704	0	
72348	KS	WICHITA	33	31	1000	345	.....	374801	973129	31920	747	0.1	
72358	KS	WICHITA	3	45	891	312	.....	374626	973051	28473	740	0.1	
34171	KY	ASHLAND	25	26	61.3	137	31365	382744	823712	11240	483	0.8	
67798	KY	ASHLAND	61	44	50	189	74858	382511	822406	9527	517	1.8	
27696	KY	BEATTYVILLE	65	7	28	322	.....	373647	834018	29307	1000	0.8	
4692	KY	BOWLING GREEN	13	13	7.65	226	74498	370352	862607	20962	542	2.1	
61217	KY	BOWLING GREEN	40	16	600	224	43547	370210	861020	18291	424	1.5	
71861	KY	BOWLING GREEN	24	18	61	177	.....	370349	862607	14430	362	0.9	
34177	KY	BOWLING GREEN	53	48	54.8	234	44491	370522	863805	13561	342	0.1	
25173	KY	CAMPBELLVILLE	34	19	1000	370	32906	373151	852645	29998	2015	0.6	
34204	KY	COVINGTON	54	24	53.5	117	31523	390150	843023	10320	1949	2.2	
64017	KY	DANVILLE	56	4	26.5	327	64813	375251	841916	36995	1251	0	
34181	KY	ELIZABETHTOWN	23	43	61	178	31543	374055	855031	12210	840	0	
37809	KY	HARLAN	44	51	550	577	.....	364800	832236	33564	1196	3.3	
24915	KY	HAZARD	57	12	50	398	.....	371138	831052	32160	793	8	
34196	KY	HAZARD	35	16	53.2	369	31615	371135	831117	16906	377	2.2	
24914	KY	LEXINGTON	27	13	30	282	40363	380223	842410	23929	921	3	
73203	KY	LEXINGTON	18	39	475	286	70206	380203	842339	19494	830	3.5	
51597	KY	LEXINGTON	36	40	69.5	305	74859	380203	842339	17819	810	0.1	
34207	KY	LEXINGTON	46	42	48	252	31539	375245	841933	13467	735	0.3	
73692	KY	LOUISVILLE	21	8	27	200	45865	380159	854517	21952	1500	0.7	
32327	KY	LOUISVILLE	11	11	15.7	370	74625	382123	855052	27238	1613	0.3	
21432	KY	LOUISVILLE	15	17	60.3	237	17602	382201	854954	15178	1350	0	
53939	KY	LOUISVILLE	32	26	600	392	39847	382208	854948	29065	1687	0.1	
34195	KY	LOUISVILLE	68	38	61.6	218	64196	382201	854954	13653	1295	0	
13989	KY	LOUISVILLE	3	47	1000	392	42782	382208	854948	29283	1681	0.1	
28476	KY	LOUISVILLE	41	49	1000	390	29606	382100	855057	32130	1759	0.7	
74592	KY	MADISONVILLE	19	20	1000	216	.....	372456	873130	23946	744	0.4	
34212	KY	MADISONVILLE	35	42	55.1	298	31621	371121	873049	15780	419	0.1	
34202	KY	MOREHEAD	38	15	51.4	289	31617	381038	832417	16277	340	0.3	
23128	KY	MOREHEAD	67	21	719	428	67075	375426	833801	30369	1018	1.5	
34174	KY	MURRAY	21	36	56.9	187	31619	364134	883211	12682	320	0.6	
39738	KY	NEWPORT	19	29	227	290	19124	390719	843252	17827	2366	12.3	
34205	KY	OWENSBORO	31	30	63.3	124	31660	375107	871944	11399	529	0	
34211	KY	OWENTON	52	44	49.7	214	31662	383131	844839	12714	763	2.4	
51991	KY	PADUCAH	6	32	906	492	.....	371131	885853	40545	865	0.1	
65758	KY	PADUCAH	29	41	55.7	143	44512	370539	884020	11313	239	0.1	
39561	KY	PADUCAH	49	49	550	324	.....	372342	885623	26292	631	0.4	
34200	KY	PIKEVILLE	22	24	50.4	423	32103	371706	823128	16779	419	0.6	
34222	KY	SOMERSET	29	14	53.3	429	31822	371003	844930	21530	541	0.2	
38590	LA	ALEXANDRIA	25	26	76	413	64838	313356	923250	20977	324	0	
52907	LA	ALEXANDRIA	31	31	50	333	75022	313354	923300	19028	273	0.1	
51598	LA	ALEXANDRIA	5	35	1000	485	74860	310215	922945	38228	921	2.1	
16940	LA	ALEXANDRIA	41	41	191	307	74775	305420	923717	16245	368	0	
589	LA	BATON ROUGE	9	9	0.36	509	70344	302158	911247	16013	847	1.1	
38616	LA	BATON ROUGE	2	13	30	515	36880	301749	911140	34334	1962	8	
38586	LA	BATON ROUGE	27	25	200	295	65435	302222	911216	19232	997	0	
70021	LA	BATON ROUGE	33	34	1000	522	32895	301934	911636	37256	1695	0.1	
12520	LA	BATON ROUGE	44	45	1000	424	29743	301935	911636	30315	1564	0	
52046	LA	COLUMBIA	11	11	17.8	572	74657	320319	921112	41213	677	0.3	
83945	LA	HAMMOND	.....	42	1000	294	58980	295841	895626	25352	1754	0	
35059	LA	LAFAYETTE	10	10	17.2	507	74641	301919	921659	39308	1166	1.9	
33261	LA	LAFAYETTE	15	16	800	359	29847	302144	921253	29700	851	0	
38588	LA	LAFAYETTE	24	23	50	463	32658	301919	921658	21068	658	0	

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33471	LA	LAFAYETTE	3	28	1000	537	75545	301925	921724	42222	1279	0.2
13994	LA	LAKE CHARLES	7	7	17	451		302346	930003	36541	1017	0
38587	LA	LAKE CHARLES	18	20	55	299	59155	302346	930003	16195	351	0
35852	LA	LAKE CHARLES	29	30	1000	315	17585	301726	933435	25760	730	0
81507	LA	MINDEN	21	21	1000	502	66613	324108	935600	36243	952	2.4
48975	LA	MONROE	8	8	17	518		321150	920414	39190	663	0.3
38589	LA	MONROE	13	13	21.1	543	74429	321145	920410	38398	679	2.1
82476	LA	NEW IBERIA	50	50	179	303	74784	302032	915832	17747	767	0
4149	LA	NEW ORLEANS	8	8	14.7	302	75010	295714	895658	28567	1795	0
25090	LA	NEW ORLEANS	12	11	70.8	306	67937	295713	895658	30008	1898	0
54280	LA	NEW ORLEANS	38	15	360	309	69135	295857	895658	27134	1781	0.2
37106	LA	NEW ORLEANS	20	21	300	254	41946	295511	900129	19099	1617	0
72119	LA	NEW ORLEANS	26	26	1000	309	74381	295857	895658	31417	1910	0
18819	LA	NEW ORLEANS	32	31	200	274	31303	295857	895709	17661	1516	0
74192	LA	NEW ORLEANS	4	36	958	311		295422	900222	30245	1829	0
71357	LA	NEW ORLEANS	6	43	1000	283	74862	295701	895728	28471	1791	0
21729	LA	NEW ORLEANS	49	50	1000	272	44211	295511	900129	21583	1671	0
70482	LA	SHREVEPORT	12	17	175	518		324028	935600	33403	943	1.5
38591	LA	SHREVEPORT	24	25	50	326	74863	324041	935535	19407	591	0
35652	LA	SHREVEPORT	3	28	1000	543	74864	324108	935600	42940	1075	1.7
12525	LA	SHREVEPORT	33	34	1000	551	29201	323958	935559	38998	1012	0.1
73706	LA	SHREVEPORT	45	44	500	505	32870	323957	935558	30463	888	0.1
13938	LA	SLIDELL	54	24	1000	272	43616	295511	900129	24235	1729	0
3658	LA	WEST MONROE	14	36	1000	521		320542	921034	40992	629	9.7
38584	LA	WEST MONROE	39	38	1000	154		323021	920855	19639	356	0
74419	MA	ADAMS	19	36	48	631	68110	423814	731008	20520	1724	7.7
72145	MA	BOSTON	7	7	15.4	306	80205	421840	711300	27184	7035	0.1
72099	MA	BOSTON	2	19	700	374		421837	711414	32268	7320	0.4
65684	MA	BOSTON	5	20	625	390		421837	711414	30535	7199	2.1
25456	MA	BOSTON	4	30	825	390		421837	711414	31712	7274	1.2
6463	MA	BOSTON	25	31	1000	341	30342	421812	711308	26108	6911	3.2
7692	MA	BOSTON	68	32	300	292	41971	421827	711327	19066	6343	2.3
73982	MA	BOSTON	38	39	70.8	354	74865	421812	711308	19832	6586	1.1
72098	MA	BOSTON	44	43	500	391		421837	711414	28103	7091	0.6
73238	MA	CAMBRIDGE	56	41	550	345	46190	421812	711308	22764	6870	0.2
41436	MA	LAWRENCE	62	18	1000	357	67714	421827	711327	28934	6962	2.1
60551	MA	MARLBOROUGH	66	27	100	334	69136	422302	712937	17821	6431	0.4
3978	MA	NEW BEDFORD	28	22	350	203	64975	414639	705541	17274	4604	0.9
22591	MA	NEW BEDFORD	6	49	350	284	66255	415154	711715	19160	5455	0.6
23671	MA	NORWELL	46	10	5	144		420038	710242	15414	5297	3.4
136751	MA	PITTSFIELD	51	13	12.6	396	71986	423731	740038	7283	653	27.5
6868	MA	SPRINGFIELD	22	11	10	268	65476	420505	724214	16679	2449	12.8
72096	MA	SPRINGFIELD	57	22	50	306	74672	421430	723854	14133	2074	9.7
25682	MA	SPRINGFIELD	40	40	380	324	70318	421430	723857	17575	2286	10.6
6476	MA	VINEYARD HAVEN	58	40	300	153	42283	414120	702049	14774	973	3.7
30577	MA	WORCESTER	27	29	200	453		422007	714254	24769	6977	8.9
18783	MA	WORCESTER	48	47	365	217	40890	421827	711327	15283	5984	0
65942	MD	ANNAPOLIS	22	42	350	265	74866	390036	763633	19328	6752	2.4
65696	MD	BALTIMORE	11	11	6.91	312	74686	392005	763903	22401	6953	3.9
25455	MD	BALTIMORE	13	13	21.4	312	70306	392005	763903	25622	7452	5
65944	MD	BALTIMORE	67	29	50	250	74867	392701	764637	14260	5285	4.6
59442	MD	BALTIMORE	2	38	775	305	74593	392005	763903	26023	7730	0.3
7933	MD	BALTIMORE	54	40	845	373	46004	392010	763859	26825	7782	0.5
60552	MD	BALTIMORE	24	41	200	313	66845	391715	764538	17292	6151	5.6
10758	MD	BALTIMORE	45	46	550	373	46108	392010	763859	22859	7059	5.2
40626	MD	FREDERICK	62	28	30	159	67466	391537	771844	7313	2448	34.6
25045	MD	HAGERSTOWN	25	26	575	359	74627	393945	775754	22215	1362	28.7
10259	MD	HAGERSTOWN	68	39	82.5	394	74528	395331	775802	13861	814	6
65943	MD	HAGERSTOWN	31	44	209	359	33311	393904	775815	15728	977	4.1
40619	MD	OAKLAND	36	36	71.7	291	75062	392414	791737	10542	216	6.8
71218	MD	SALISBURY	16	21	635	279	64847	383017	753837	21695	659	0
40618	MD	SALISBURY	28	28	76.7	157		382309	753533	14077	426	0
16455	MD	SALISBURY	47	47	225	292	75201	383006	754400	18155	579	0.4
39659	ME	AUGUSTA	10	10	15.3	305	74406	440916	700037	25690	818	1.3
39644	ME	BANGOR	2	2	2.37	199	74986	444410	684017	19580	334	0
3667	ME	BANGOR	7	7	14.5	250	74374	444535	683401	24704	334	0.6
17005	ME	BANGOR	5	19	465	402	74868	444213	690447	30384	488	1.1
39656	ME	BIDDEFORD	26	45	50	231	41344	432500	704817	10502	659	5
39649	ME	CALAIS	13	10	3.5	133		450145	671925	13040	29	3.4
48408	ME	LEWISTON	35	35	57.2	241	80218	435106	701940	13589	641	0.4
39648	ME	ORONO	12	9	15	375	40127	444211	690447	25072	442	5.5
73288	ME	POLAND SPRING	8	8	21.3	586	74574	435044	704543	33555	1358	4.1
25683	ME	PORTLAND	13	38	1000	491	28274	435528	702928	34527	1169	0
53065	ME	PORTLAND	51	43	137	254		435106	701940	14615	619	11
39664	ME	PORTLAND	6	44	1000	610	74869	435132	704240	34340	1319	1
48305	ME	PRESQUE ISLE	8	8	3.2	333	80189	463305	674836	19268	58	0
39662	ME	PRESQUE ISLE	10	10	16.4	332	74435	463305	674837	25597	66	0.6
83708	ME	PRESQUE ISLE	47	47	50	86	75129	464512	681028	6607	39	0
84088	ME	WATERVILLE	23	23	213	331	74754	440915	700037	18925	769	0

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67048	MI	ALPENA	11	11	19.8	202	74982	444211	833126	20697	131	1.9
9917	MI	ALPENA	6	24	106	393		450818	840945	24405	219	1.5
5800	MI	ANN ARBOR	31	31	106	328	74499	422225	840410	18881	4073	7.1
16530	MI	BAD AXE	35	15	200	309		433233	833937	23073	1204	6.1
10212	MI	BATTLE CREEK	41	20	270	311		423415	852807	25083	2119	0.4
71871	MI	BATTLE CREEK	43	44	212	305		424045	850357	20028	1909	4.7
41221	MI	BAY CITY	5	22	1000	275	67337	432814	835036	26723	1507	4.6
82627	MI	BAY CITY	46	46	50	306	74778	432826	835044	12942	965	0
26994	MI	CADILLAC	9	9	20.1	497	74551	440812	852033	38645	826	0
9922	MI	CADILLAC	27	17	338	393	60511	444453	850408	26844	392	0
25396	MI	CADILLAC	33	47	500	393	67847	444453	850408	25466	378	0
76001	MI	CALUMET	5	5	20.5	388	74362	462617	880258	37246	196	0
21254	MI	CHEBOYGAN	4	35	78	168	58961	453901	842037	11815	82	0
73123	MI	DETROIT	2	7	11.2	305	74673	422738	831250	24581	5551	2.5
51570	MI	DETROIT	50	14	50	293	74870	422901	831844	18484	5122	0.1
74211	MI	DETROIT	20	21	500	324	28693	422653	831023	25252	5597	3
10267	MI	DETROIT	7	41	1000	305	74871	422815	831500	27193	5767	0.3
16817	MI	DETROIT	56	43	200	318		422652	831023	22343	5247	0
72123	MI	DETROIT	62	44	345	323		422653	831023	22661	5131	5.6
53114	MI	DETROIT	4	45	973	281	19013	422858	831219	22741	5397	1.2
6104	MI	EAST LANSING	23	40	50	296	74628	424208	842451	16787	1481	4.4
9630	MI	ESCANABA	3	48	989	327		460805	865655	29896	159	0
21735	MI	FLINT	12	12	13.7	287	74521	431348	840335	26526	2103	5.5
21737	MI	FLINT	66	16	1000	287	28994	431318	840314	23878	2363	1.7
69273	MI	FLINT	28	28	126	258	74594	425356	832741	17128	4320	0
36838	MI	GRAND RAPIDS	8	7	30	288		424114	853034	28306	2299	4.5
24784	MI	GRAND RAPIDS	35	11	50	238	64586	425735	855345	25764	1698	3.1
49713	MI	GRAND RAPIDS	13	13	15.1	305	74541	431834	855444	27942	1392	0.1
68433	MI	GRAND RAPIDS	17	19	725	306	43453	424115	853157	22476	1789	6.1
15498	MI	IRON MOUNTAIN	8	8	3.2	190	74452	454910	880235	16892	112	2.6
59281	MI	ISHPEMING	10	10	4.54	105	74721	462110	875115	11135	84	3.2
29706	MI	JACKSON	18	34	130	299	39980	422513	843125	18640	1398	2.2
24783	MI	KALAMAZOO	52	5	10	174		421823	853925	26295	2246	4.9
74195	MI	KALAMAZOO	3	8	20	305	74333	423756	853216	28560	2341	1.4
11033	MI	KALAMAZOO	64	45	420	331	69393	423352	852731	18737	1717	11.8
74420	MI	LANSING	6	36	663	288	72523	424119	842235	25555	3054	2
74094	MI	LANSING	47	38	1000	281	29954	422803	843906	20865	1458	0
36533	MI	LANSING	53	51	900	300	59127	422513	843125	24069	1807	0.2
9913	MI	MANISTEE	21	21	50	93	74674	440357	861958	9143	81	4.3
4318	MI	MARQUETTE	13	13	15.7	332	74500	462109	875132	29278	183	0.1
81448	MI	MARQUETTE	19	19	50	248	74742	463614	873715	12597	69	0
21259	MI	MARQUETTE	6	35	83	262	67896	462011	875056	13760	93	0
455	MI	MOUNT CLEMENS	38	39	1000	170	32831	423315	825315	16235	4698	1.2
9908	MI	MOUNT PLEASANT	14	26	226	299		434511	851240	22581	643	0
67781	MI	MUSKEGON	54	24	280	281	40886	425725	855407	20561	1480	2.3
6863	MI	ONONDAGA	10	10	11.6	299	74659	422633	843421	26535	2284	1.2
72052	MI	SAGINAW	25	30	193	356		431301	834317	24557	2414	3.8
67792	MI	SAGINAW	49	48	1000	287	40887	431318	840314	23991	2035	0.1
59279	MI	SAULT STE. MARIE	8	8	24	288	74353	460308	840638	23547	98	0.1
26993	MI	SAULT STE. MARIE	10	10	16.3	370	75038	460349	840608	30785	103	0.1
21253	MI	TRAVERSE CITY	7	7	3.2	230	75044	444636	854102	14835	225	5.4
59280	MI	TRAVERSE CITY	29	29	62.1	393	74491	444453	850408	19503	332	0
9632	MN	ALEXANDRIA	7	7	15.6	341	74469	454103	950814	30282	438	0.1
35584	MN	ALEXANDRIA	42	42	395	358		454159	951035	27590	404	0.3
71549	MN	APPLETON	10	10	24.2	364	74492	451003	960002	29007	219	0.4
28510	MN	AUSTIN	15	20	400	303		433834	923135	26035	497	0.1
18285	MN	AUSTIN	6	36	500	295		433742	930912	25023	484	0.1
49578	MN	BEMIDJI	9	9	15.4	329	74416	474203	942915	29401	114	2
83714	MN	BEMIDJI	26	26	50	141	74758	472807	944923	12672	72	0
49579	MN	BRAINERD	22	28	46.8	227		462521	942742	15201	153	0
82698	MN	CHISHOLM	11	11	12.2	200	74723	475139	925646	22244	112	2.9
132606	MN	CROOKSTON		16	105	220	38385	475838	963618	15345	124	0
17726	MN	DULUTH	8	8	17.4	290	80226	464731	920721	27233	271	1
71338	MN	DULUTH	10	10	19.4	268	74568	464715	920721	25154	252	0.2
35525	MN	DULUTH	21	17	1000	299		464737	920703	30737	294	0.2
166511	MN	DULUTH	27	27	50	268	80242	464715	920721	13164	204	0.4
4691	MN	DULUTH	3	33	381	312		464721	920650	24856	252	0
71336	MN	HIBBING	13	13	3.9	211	74522	472253	925715	15849	116	0.2
159007	MN	HIBBING		31	500	212	59939	472253	925715	16478	118	0
68853	MN	MANKATO	12	12	17.4	291	74530	435613	942438	26737	345	1.9
68883	MN	MINNEAPOLIS	9	9	17.9	435	74995	450330	930727	34544	3381	0.6
23079	MN	MINNEAPOLIS	11	11	24	435	74511	450344	930821	36657	3438	0.1
36395	MN	MINNEAPOLIS	23	22	1000	410	30005	450344	930821	33367	3310	0
11913	MN	MINNEAPOLIS	29	29	1000	352	74442	450330	930727	29943	3302	0
9629	MN	MINNEAPOLIS	4	32	1000	432		450344	930821	37736	3468	0
35843	MN	MINNEAPOLIS	45	45	1000	430		450345	930821	35610	3421	0
35585	MN	REDWOOD FALLS	43	27	50	167	74875	442903	952927	10112	84	0
35678	MN	ROCHESTER	10	10	16.8	381	74523	433415	922537	31210	565	0.9
35906	MN	ROCHESTER	47	46	1000	343	28767	433834	923135	19950	424	0.7

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35907	MN	ST. CLOUD	41	40	1000	430	64438	452300	934230	30570	3263	0
68597	MN	ST. PAUL	17	26	63.1	396	74396	450329	930727	19236	3053	0
68594	MN	ST. PAUL	2	34	662	411	75131	450330	930727	30531	3331	0.2
28010	MN	ST. PAUL	5	35	755	433		450344	930821	35389	3408	0.1
55370	MN	THIEF RIVER FALLS	10	10	9.7	113	74660	480119	962212	16952	121	0.3
9640	MN	WALKER	12	12	14.3	283	74436	465603	942725	26947	214	1.5
71558	MN	WORTHINGTON	20	15	200	290	33521	435352	955650	19967	290	0
592	MO	CAPE GIRARDEAU	12	12	4.01	564	74661	372546	893014	32285	689	0.5
19593	MO	CAPE GIRARDEAU	23	22	435	543	66965	372423	893344	31962	691	1
65583	MO	COLUMBIA	8	8	13.6	242	80227	385316	921548	25229	493	0.5
63164	MO	COLUMBIA	17	17	50	348		384629	923322	20656	475	0
4690	MO	HANNIBAL	7	7	13.6	271	75011	395822	911954	25163	309	0.1
41110	MO	JEFFERSON CITY	13	12	15.1	308		384130	920544	27879	590	0.7
48521	MO	JEFFERSON CITY	25	20	1000	293	29933	384215	920521	25334	533	0.2
51101	MO	JOPLIN	26	25	55	280		370437	943215	17491	402	0
18283	MO	JOPLIN	12	43	1000	269		370437	943215	25261	532	1.6
67766	MO	JOPLIN	16	46	175	322		370433	943316	21648	461	0.2
65686	MO	KANSAS CITY	9	9	85	357	74967	390501	943057	34707	2334	0
53843	MO	KANSAS CITY	19	18	55	355		390459	942849	21206	2033	0
41230	MO	KANSAS CITY	5	24	1000	319	67335	390415	943457	29717	2259	0
64444	MO	KANSAS CITY	29	31	1000	332		390501	943057	31070	2224	0.2
11291	MO	KANSAS CITY	4	34	1000	344	74877	390420	943545	31293	2286	0.5
59444	MO	KANSAS CITY	41	42	450	276	43791	385842	943201	21585	1987	0
33336	MO	KANSAS CITY	62	47	1000	356		390526	942818	31520	2174	0
33337	MO	KANSAS CITY	50	51	1000	339		390120	943049	30240	2158	0
21251	MO	KIRKSVILLE	3	33	87	290	44120	403147	922629	15915	149	0
166319	MO	OSAGE BEACH	49	49	204	463	80245	374910	924452	23362	524	0
73998	MO	POPLAR BLUFF	15	15	50	184	74417	364804	902706	11945	143	1.2
4326	MO	SEDALIA	6	15	322	603		383736	925203	41154	733	0.1
28496	MO	SPRINGFIELD	10	10	19.6	573	74595	371308	925656	41152	838	0.3
35630	MO	SPRINGFIELD	33	19	1000	596		371308	925656	47590	935	0.1
51102	MO	SPRINGFIELD	21	23	100	617		371011	925630	33191	715	0
3659	MO	SPRINGFIELD	27	28	1000	493		371308	925656	41263	844	0.5
36003	MO	SPRINGFIELD	3	44	1000	622	74878	371011	925630	43697	864	2.3
20427	MO	ST. JOSEPH	2	7	7.45	247	74608	394612	944753	22032	970	0.8
999	MO	ST. JOSEPH	16	21	1000	316	68463	390120	943049	27013	2118	0
48525	MO	ST. LOUIS	24	14	1000	396	33092	382140	903254	32831	2821	0
70034	MO	ST. LOUIS	4	24	540	335	74644	383147	901758	29120	2842	0
35417	MO	ST. LOUIS	11	26	1000	288		383424	901930	29590	2841	0
56524	MO	ST. LOUIS	30	31	1000	321		383450	901945	31023	2858	0
46981	MO	ST. LOUIS	5	35	1000	332	74879	383405	901955	31112	2855	0.1
62182	MO	ST. LOUIS	9	39	991	326	74880	382856	902353	29480	2832	0.1
35693	MO	ST. LOUIS	2	43	1000	337		383207	902223	30721	2851	0
13995	MS	BILOXI	13	13	14.1	366	74542	304323	890528	27980	951	4.8
43197	MS	BILOXI	19	16	150	477	45861	304518	885644	25131	878	16.7
43170	MS	BOONEVILLE	12	12	5.89	227	74629	344000	884505	20448	418	2.9
43184	MS	BUDE	17	18	1000	341		312222	904504	34462	721	0
12477	MS	COLUMBUS	4	35	1000	610	74881	334506	885240	44448	727	3.9
83735	MS	COLUMBUS	43	81	204	43679		335031	884148	18843	412	2.6
25236	MS	GREENVILLE	15	15	330	269		333926	904218	23434	322	0
43176	MS	GREENWOOD	23	25	625	317		332234	903232	28909	387	3.6
43203	MS	GREENWOOD	6	32	1000	572	68863	332223	903225	34348	442	0.9
53517	MS	GULFPORT	25	48	300	456	28507	304448	890330	26058	946	14.2
48668	MS	HATTIESBURG	22	22	140	244		312420	891413	18687	353	0.1
60830	MS	HOLLY SPRINGS	40	41	500	122		345920	894113	16080	1279	0.1
83310	MS	HOUSTON	45	45	537	491	72853	334739	890515	27543	525	0
68542	MS	JACKSON	3	7	7	393		321249	902256	28290	725	0.2
48667	MS	JACKSON	12	12	17.9	464	74596	321426	902415	36477	816	0.4
43168	MS	JACKSON	29	20	400	482		321129	902422	36368	826	0.1
49712	MS	JACKSON	16	21	1000	332	39758	321641	901740	28450	740	2.5
71326	MS	JACKSON	40	40	981	598	80223	321249	902256	40292	886	0
166512	MS	JACKSON	51	51	184	384	80213	321426	902415	24384	681	0.7
21250	MS	LAUREL	7	28	79	128	42804	312712	891705	11124	251	0.1
136749	MS	MAGEE	34	34	98.7	305	75071	320718	893239	19368	665	2.7
4686	MS	MERIDIAN	11	11	6.15	165	75039	321938	884128	18166	254	2.3
73255	MS	MERIDIAN	24	24	956	170	74996	321940	884131	18636	278	0.1
24314	MS	MERIDIAN	30	31	1000	183	27899	321940	884131	18932	263	0.4
43169	MS	MERIDIAN	14	44	880	369		320818	890536	31834	662	0
43192	MS	MISSISSIPPI STATE	2	10	4.3	349		332114	890900	24647	370	0.3
16539	MS	NATCHEZ	48	49	1000	313	38528	314008	914130	24377	340	0
43193	MS	OXFORD	18	36	225	421	33510	341728	894221	23767	905	2.1
74148	MS	TUPELO	9	8	9	542	74662	334740	890516	35700	634	3.2
84253	MS	VICKSBURG	35	35	186	253	70324	321935	903703	14176	526	1
37732	MS	WEST POINT	27	16	450	494	39741	334740	890516	33099	599	0.6
35694	MT	BILLINGS	2	10	26.1	180		454601	1082726	21980	155	0
35724	MT	BILLINGS	8	11	14.5	229	74882	454535	1082714	21681	152	0
5243	MT	BILLINGS	6	18	1000	228		454826	1082025	24478	153	0
43567	MT	BOZEMAN	9	8	17.9	251	67316	454024	1105202	14163	84	0.3
33756	MT	BOZEMAN	7	13	18.9	271	67232	454024	1105202	13985	84	0

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35959	MT	BUTTE	4	5	10.7	588	43752	460027	1122630	43135	183	0
18066	MT	BUTTE	6	6	11.2	591	80201	460027	1122630	42931	192	0
14674	MT	BUTTE	18	19	125	585	42948	460024	1122630	15884	65	0
81438	MT	BUTTE	24	24	50	570	74755	460024	1122630	15762	67	0
24287	MT	GLENDIVE	5	10	30	152		470315	1044045	20893	21	1.3
35567	MT	GREAT FALLS	3	7	28.5	150	73758	473209	1111702	19067	89	0
34412	MT	GREAT FALLS	5	8	28.6	180		473208	1111702	22360	91	0
81331	MT	GREAT FALLS	26	26	50	65	74759	473223	1111706	8905	84	0
13792	MT	GREAT FALLS	16	45	157	300	30029	473626	1112127	16946	90	0
47670	MT	HARDIN	4	22	1000	248		454424	1080818	24748	151	0
83689	MT	HAVRE	9	9	3.2	389	74719	482032	1094341	22474	25	0
5290	MT	HELENA	12	12	9.36	697	74375	464935	1114233	26659	152	0
68717	MT	HELENA	10	29	43.4	697	68037	464935	1114233	14425	139	0
18079	MT	KALISPELL	9	9	3.2	850	80210	480048	1142155	28213	110	0
84794	MT	LEWISTOWN	13	13	3.2	636	74726	471046	1093205	25112	16	0.4
5237	MT	MILES CITY	3	3	1.03	30	74367	462534	1055138	7580	11	0
35455	MT	MISSOULA	8	7	22.5	654		470106	1140041	36798	170	0
66611	MT	MISSOULA	11	11	3.2	631	74999	464809	1135821	18430	132	0
18084	MT	MISSOULA	13	13	26.7	610	80239	470104	1140047	35664	168	0.1
81348	MT	MISSOULA	17	17	50	628	74739	464808	1135819	16846	132	0
14675	MT	MISSOULA	23	23	92.6	618	74525	470110	1140046	18786	150	0
56537	NC	ASHEVILLE	13	13	29.8	853	70317	352532	824525	37759	2349	2.1
69300	NC	ASHEVILLE	33	25	185	797	41130	352532	824525	22420	1437	5.8
70149	NC	ASHEVILLE	62	45	1000	555		351320	823258	34531	2043	0.1
73152	NC	BELMONT	46	47	1000	595		352144	810919	40397	3404	0.6
65074	NC	BURLINGTON	16	14	95	213		361454	793921	16777	1712	1.1
69080	NC	CHAPEL HILL	4	25	300	448	69110	355159	791000	26537	2744	0.4
10645	NC	CHARLOTTE	42	11	2.2	363		351714	804145	20685	2180	3.7
32326	NC	CHARLOTTE	36	22	791	577	64697	352049	811015	36939	3096	1.3
30826	NC	CHARLOTTE	3	23	1000	565		352151	811113	43975	3599	0.1
49157	NC	CHARLOTTE	18	27	1000	368	28621	351601	804405	30079	2748	6.1
74070	NC	CHARLOTTE	9	34	1000	348		351541	804338	31482	2747	5.7
69124	NC	CONCORD	58	44	149	422	74886	352130	803637	24194	2537	3.7
8617	NC	DURHAM	11	11	19.2	607	74597	354005	783158	40935	2807	4.5
54963	NC	DURHAM	28	28	225	610		354028	783140	36204	2685	1.5
69292	NC	EDENTON	2	20	543	489		355400	762045	39125	1359	0
21245	NC	FAYETTEVILLE	62	36	1000	242	36997	345305	790429	20318	985	0.2
16517	NC	FAYETTEVILLE	40	38	500	509	60837	353044	785841	33401	2898	0.6
50782	NC	GOLDSBORO	17	17	244	628	70663	354029	783140	32343	2496	7
25544	NC	GREENSBORO	48	33	700	575	38478	355203	794926	33109	2816	11.6
54452	NC	GREENSBORO	61	43	105	527	42438	355202	794926	25142	2207	5.7
72064	NC	GREENSBORO	2	51	1000	569		355213	795025	41290	3777	5.9
57838	NC	GREENVILLE	9	10	35	575		352155	772338	45399	1370	15.8
35582	NC	GREENVILLE	14	14	50	205		352644	772208	15450	649	0
69149	NC	GREENVILLE	25	23	71	331	42548	353310	773606	17438	801	0.1
81508	NC	GREENVILLE	38	51	90.7	155	74769	352409	772510	13446	594	0.1
65919	NC	HICKORY	14	40	600	182	67111	354359	811951	11030	776	19.1
72106	NC	HIGH POINT	8	8	15	398	70590	354846	795029	29992	2769	3.7
69444	NC	JACKSONVILLE	19	19	66.6	561	74418	350618	772015	23999	799	0.4
37971	NC	JACKSONVILLE	35	34	600	199	41098	343110	772652	18502	568	0
12793	NC	KANNAPOLIS	64	50	50	348		351541	804338	18157	2047	2.1
35385	NC	LEXINGTON	20	19	800	576		355202	794926	44436	4287	2.1
69114	NC	LINVILLE	17	17	61.6	546	74613	360347	815033	18558	1085	4.1
69416	NC	LUMBERTON	31	31	109	319	69624	344750	790242	17329	889	3.6
76324	NC	MANTEO	4	9	21.3	274	74336	363254	761116	29522	1725	0
37982	NC	MOREHEAD CITY	8	8	9.88	216	74470	345301	763021	20774	299	0
18334	NC	NEW BERN	12	12	22.2	591	80237	350618	772015	42635	1324	2.9
73205	NC	RALEIGH	22	27	568	610		354028	783140	41286	2847	2.8
8688	NC	RALEIGH	5	48	916	629	69133	354029	783139	41666	2852	0.1
64611	NC	RALEIGH	50	49	1000	614		354029	783140	44278	2980	0.1
69397	NC	ROANOKE RAPIDS	36	36	50	368	74543	361728	775010	19141	604	8.4
20590	NC	ROCKY MOUNT	47	15	180	354	36353	360611	781129	22787	1759	0.1
594	NC	WASHINGTON	7	32	806	594	74887	352155	772338	44561	1497	1.1
69332	NC	WILMINGTON	39	29	700	297		341916	781343	27800	786	2.2
72871	NC	WILMINGTON	26	30	547	419	67959	340753	781117	27737	750	0.1
48666	NC	WILMINGTON	6	44	575	280	59015	341916	781343	20378	591	0
12033	NC	WILMINGTON	3	46	1000	594	74888	340751	781116	44363	1060	0
10133	NC	WILSON	30	42	873	539	68096	354953	780850	32166	2162	2
414	NC	WINSTON-SALEM	45	29	990	576	39890	355203	794926	37521	3484	4.8
53921	NC	WINSTON-SALEM	12	31	815	572		362231	802226	37577	2625	4.2
69360	NC	WINSTON-SALEM	26	32	263	504	74889	362234	802214	22283	1867	6.9
55686	ND	BISMARCK	12	12	19.1	466	74459	463517	1004826	35655	127	0.3
22121	ND	BISMARCK	17	16	1000	275	68012	463515	1004820	25005	113	0
53324	ND	BISMARCK	3	22	97.3	392	18952	463523	1004802	21415	110	0
82611	ND	BISMARCK	26	26	50	300	74760	463523	1004739	17826	104	0
41427	ND	BISMARCK	5	31	500	389	73210	463620	1004822	26522	118	0
22124	ND	DEVILS LAKE	8	8	16.2	451	74687	480824	975938	35778	150	0
162016	ND	DEVILS LAKE		25	134	245	66852	480347	992008	18194	39	0
41430	ND	DICKINSON	7	7	11.3	223	74419	465649	1025917	22461	33	0.9

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53329	ND	DICKINSON	9	9	8.35	246	74437	464334	1025456	22539	36	0
55684	ND	DICKINSON	2	19	50	217	59817	464335	1025457	13157	28	0
53315	ND	ELLENDALE	19	20	72.3	163	64873	461756	985156	13632	18	0
53321	ND	FARGO	13	13	11.4	344	74460	470048	971137	28996	257	0
55372	ND	FARGO	15	19	1000	379	28940	464029	961340	28028	320	0.1
22129	ND	FARGO	6	21	1000	356	.....	470028	971202	34973	345	0
61961	ND	FARGO	11	44	356	576	73213	472032	971720	31290	314	0
53320	ND	GRAND FORKS	2	15	50	408	74645	480818	975935	20362	116	0
86208	ND	GRAND FORKS	27	27	50	96	74762	475745	970312	11054	108	0
55364	ND	JAMESTOWN	7	7	13	135	80206	465530	984621	18175	42	0.5
41425	ND	MINOT	10	10	7.69	207	80232	481256	1011905	21143	75	1.7
55685	ND	MINOT	13	13	16.1	344	74570	480302	1012029	29701	89	0
22127	ND	MINOT	14	14	60	216	.....	480311	1012305	16113	70	0
82615	ND	MINOT	24	24	50	239	74756	480314	1012603	15862	69	0
53313	ND	MINOT	6	40	146	249	59853	480302	1012325	15514	70	0
55362	ND	PEMBINA	12	12	28.7	413	74382	485944	972428	35647	43	0.1
49134	ND	VALLEY CITY	4	38	382	573	73275	471645	972026	32236	317	0
41429	ND	WILLISTON	8	8	7.21	323	74598	480802	1035136	24857	38	0
55683	ND	WILLISTON	11	14	50	257	59878	480830	1035334	14655	32	0.5
53318	ND	WILLISTON	4	51	53.9	248	64823	480830	1035334	12463	31	0
47996	NE	ALLIANCE	13	13	20.9	469	74471	415024	1030318	33136	89	1.5
47981	NE	BASSETT	7	7	18.7	453	74383	422005	992901	35064	41	3.3
7894	NE	GRAND ISLAND	11	11	15.2	308	74493	403520	984810	28343	219	0.3
27220	NE	GRAND ISLAND	17	19	1000	186	28644	404344	983413	18605	195	0
48003	NE	HASTINGS	5	5	6.78	223	80198	403906	982304	28719	229	0
47987	NE	HASTINGS	29	28	200	366	39665	404620	980521	22084	179	0.1
21162	NE	HAYES CENTER	6	18	1000	216	74892	403729	1010158	24515	76	0
21160	NE	KEARNEY	13	36	753	338	74893	403928	985204	30484	227	0
47975	NE	LEXINGTON	3	26	375	251	32442	402305	992730	19875	107	0
11264	NE	LINCOLN	8	8	17.8	440	75015	405259	971820	35535	695	2.8
7890	NE	LINCOLN	10	10	18.4	454	74987	404808	971046	36426	887	0.4
66589	NE	LINCOLN	12	12	8.16	253	74553	410818	962719	23231	1145	0.1
84453	NE	LINCOLN	51	51	200	461	74786	404738	971422	25974	454	0
72362	NE	MCCOOK	8	12	10.4	218	.....	394948	1004204	23270	48	0.3
47971	NE	MERRIMAN	12	12	15.7	328	74407	424038	1014236	26596	27	1.2
47995	NE	NORFOLK	19	19	53.8	348	74397	421415	971641	16025	214	5.8
49273	NE	NORTH PLATTE	2	2	6.75	192	80195	411213	1004358	27013	67	0
47973	NE	NORTH PLATTE	9	9	15.5	311	74398	410116	1010910	28103	66	0
23277	NE	OMAHA	15	15	295	475	.....	410416	961331	34708	1240	0
47974	NE	OMAHA	26	17	200	117	.....	411528	960032	15002	836	0
53903	NE	OMAHA	7	20	700	396	.....	411832	960133	35092	1220	0
65528	NE	OMAHA	6	22	1000	398	.....	411840	960137	37205	1242	0
51491	NE	OMAHA	42	43	700	475	.....	410414	961333	36280	1255	0
35190	NE	OMAHA	3	45	1000	426	.....	411824	960136	35409	1221	0.3
17683	NE	SCOTTSBLUFF	4	7	32	475	.....	415028	1030427	37186	95	3.4
136747	NE	SCOTTSBLUFF	16	17	91.5	238	74736	415023	1034935	14585	56	0.2
63182	NE	SCOTTSBLUFF	10	29	1000	256	74894	415958	1033955	23761	74	1.2
21161	NE	SUPERIOR	4	34	1000	344	74895	400515	975512	31807	185	0.1
48406	NH	CONCORD	21	33	100	344	42932	431104	711912	16703	2327	3.5
14682	NH	DERRY	50	35	7.3	191	.....	424407	712331	8996	3843	2.3
69237	NH	DURHAM	11	11	15.8	302	80234	431033	711229	26397	4074	0.5
69271	NH	KEENE	52	49	50	329	74896	430200	722204	11793	404	5
69328	NH	LITTLETON	49	48	50	390	74897	442114	714423	11253	131	0
73292	NH	MANCHESTER	9	9	7.11	305	74688	425902	713524	20862	4589	2.6
51864	NH	MERRIMACK	60	34	80	293	28154	425902	713520	13421	3094	4
9739	NJ	ATLANTIC CITY	.....	44	200	284	40339	394341	745039	13582	5320	11
23142	NJ	ATLANTIC CITY	62	49	130	296	27898	393753	742112	15516	1908	0.2
7623	NJ	BURLINGTON	48	27	160	354	68951	400230	751411	19775	7092	4.5
48481	NJ	CAMDEN	23	22	197	266	.....	394341	745039	20659	6862	0
73333	NJ	LINDEN	47	36	832	408	42433	404454	735910	28648	19697	1.7
48477	NJ	MONTCLAIR	50	51	200	238	.....	405153	741203	16560	17216	0.3
48457	NJ	NEW BRUNSWICK	58	8	20.2	212	32754	403717	743015	20833	17069	9.7
18795	NJ	NEWARK	13	13	3.2	500	74696	404243	740049	25707	19255	1.5
60555	NJ	NEWARK	68	30	189	321	80192	404522	735912	16609	17182	2.8
43952	NJ	NEWTON	63	18	1000	250	67170	405153	741203	18520	17260	0
74215	NJ	PATERSON	41	40	300	421	29858	404454	735910	23316	19038	0.4
74197	NJ	SECAUCUS	9	38	136	500	74898	404243	740049	26502	19428	0.3
48465	NJ	TRENTON	52	43	50	271	74899	401700	744120	14075	8748	11.3
60560	NJ	VINELAND	65	29	225	396	72018	400230	751411	20524	7421	5.7
20818	NJ	WEST MILFORD	66	29	200	167	33869	404718	741519	8192	13959	12.2
61111	NJ	WILDWOOD	40	36	200	128	.....	390728	744556	14738	739	0.9
53928	NM	ALBUQUERQUE	7	7	27.6	1243	74445	351253	1062701	53948	961	0
48575	NM	ALBUQUERQUE	13	13	7.03	1287	74399	351240	1062657	43540	925	0
1151	NM	ALBUQUERQUE	32	17	65.6	1247	58949	351251	1062701	34322	913	0
57220	NM	ALBUQUERQUE	14	22	303	376	74730	352444	1064332	16156	820	0
993	NM	ALBUQUERQUE	23	24	200	1243	.....	351254	1062702	47308	935	0
35313	NM	ALBUQUERQUE	4	26	270	1277	.....	351242	1062658	48914	934	0.1
55528	NM	ALBUQUERQUE	5	35	250	1287	.....	351249	1062701	46539	929	0
35084	NM	ALBUQUERQUE	41	42	321	1262	.....	351241	1062656	46959	928	0

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55049	NM	ALBUQUERQUE	50	45	245	1287	41944	351248	1062700	42560	921	0
53908	NM	CARLSBAD	6	19	912	333		324738	1041229	32390	153	0.6
83707	NM	CARLSBAD	25	25	50	134	74757	322609	1041114	11804	51	0
40450	NM	CLOVIS	12	20	598	204	74900	341134	1031644	21451	87	0
53904	NM	FARMINGTON	3	8	40	166		364017	1081352	23531	151	0
35321	NM	FARMINGTON	12	12	12.7	102	74408	364143	1081314	13056	121	0
27431	NM	HOBBS	29	29	67.4	159	74400	324328	1030546	13761	81	0
55516	NM	LAS CRUCES	22	23	1000	223	44448	321722	1064149	21045	708	0
36916	NM	LAS CRUCES	48	47	200	134	74901	320230	1062741	8205	693	0
18338	NM	PORTALES	3	32	82.6	190		341508	1031420	15679	81	0
62272	NM	ROSWELL	8	8	20.8	499	74533	332231	1034612	38887	159	0
48556	NM	ROSWELL	10	10	24.3	610	74558	330320	1034912	43742	187	0.1
84157	NM	ROSWELL	21	21	164	128	74747	330601	1041515	11510	77	0
53539	NM	ROSWELL	27	27	50	115	74474	332458	1043359	7382	63	0
84215	NM	SANTA FE		9	0.2	1241	67438	351245	1062658	20827	857	0.8
60793	NM	SANTA FE	11	10	30	608		354648	1063133	38985	904	1.3
32311	NM	SANTA FE	2	27	255	1278		351250	1062701	48241	933	0.2
76268	NM	SANTA FE	19	29	245	1289		351244	1062657	47629	935	0
53911	NM	SILVER CITY	10	10	3.2	485	74976	325146	1081428	22295	59	0.2
85114	NM	SILVER CITY	6	12	3.2	502	74712	325149	1081427	16454	58	0
63845	NV	ELKO	10	10	3.2	557		404152	1155413	21628	36	0
86537	NV	ELY	3	3	1	279	74709	391446	1145536	6317	8	0
86538	NV	ELY	6	27	1000	270	74713	391553	1145335	13318	8	0
86201	NV	GOLDFIELD	7	50	50	448	74716	380305	1171330	8739	3	0
35870	NV	HENDERSON	5	9	86	385		360026	1150022	29838	1362	0.1
69677	NV	LAS VEGAS	3	2	27.7	384		360030	1150020	41279	1419	0
35042	NV	LAS VEGAS	8	7	30.1	609		355644	1150233	33021	1366	0
11683	NV	LAS VEGAS	10	11	105	371		360027	1150024	30092	1360	0
74100	NV	LAS VEGAS	13	13	16	606		355643	1150232	27920	1363	0
67089	NV	LAS VEGAS	15	16	1000	571	36067	355646	1150234	24277	1352	0
10179	NV	LAS VEGAS	21	22	630	383	73225	360028	1150024	18735	1351	0
10195	NV	LAS VEGAS	33	29	1000	383	73223	360028	1150024	19334	1351	0
41237	NV	LAUGHLIN	34	32	1000	607	66737	353907	1141842	27099	1276	0.1
63768	NV	PARADISE	39	40	200	357		360036	1150020	14586	1350	0
60307	NV	RENO	4	7	16.1	879		391857	1195302	39300	677	3
63331	NV	RENO	8	9	15.6	893		391849	1195300	38673	660	3.1
59139	NV	RENO	2	13	16.1	876		391857	1195302	38571	678	0.3
10228	NV	RENO	5	15	50	140	74902	393501	1194752	6245	389	0
19191	NV	RENO	21	20	53	176	42485	393503	1194751	6065	363	0
51493	NV	RENO	27	26	1000	894	28095	391847	1195259	36813	577	0.5
48360	NV	RENO	11	44	1000	836	44000	393523	1195537	19310	403	0
86643	NV	TONOPAH	9	9	3.2	448	74720	380305	1171330	12823	3	0
63846	NV	WINNEMUCCA	7	7	3.2	650		410041	1174559	23032	17	0
11970	NY	ALBANY	23	7	10	434		423731	740038	26085	1488	1.1
73363	NY	ALBANY	13	12	9.1	436		423731	740038	26438	1477	0.2
74422	NY	ALBANY	10	26	700	426	67986	423731	740038	27072	1496	1.5
13933	NY	AMSTERDAM	55	50	450	207	38556	425904	741056	13763	993	0
2325	NY	BATAVIA	51	23	445	279	74609	425342	780056	19868	2211	0.5
72623	NY	BATH	14	14	50	318	74731	421828	771317	15650	468	14.6
23337	NY	BINGHAMTON	12	7	20.4	342		420331	755706	27244	1001	1.8
62210	NY	BINGHAMTON	40	8	7.9	371	70921	420322	755639	21231	750	1.5
11260	NY	BINGHAMTON	34	34	450	263	70326	420339	755636	16714	635	2.2
74034	NY	BINGHAMTON	46	42	50	408		420340	755645	17846	603	1.2
415	NY	BUFFALO	29	14	1000	300	76608	430132	785543	20685	1403	1.1
71905	NY	BUFFALO	23	32	1000	314		430148	785515	28800	1538	2.1
64547	NY	BUFFALO	2	33	480	295		424307	783347	22864	1848	1.2
67784	NY	BUFFALO	49	34	175	288	78226	430132	785543	12091	1291	1.9
54176	NY	BUFFALO	7	38	358	433		423815	783712	29175	1990	0.2
7780	NY	BUFFALO	4	39	790	417		423933	783733	32947	2280	0.1
71928	NY	BUFFALO	17	43	156	330	74905	430148	785515	21439	1386	0.1
68851	NY	CARTHAGE	7	7	15.6	203	74512	435715	754345	17022	191	7.9
78908	NY	CORNING	30	30	50	319		420829	770439	16043	439	0.6
62219	NY	CORNING	48	48	50	166	75045	420943	770215	9513	285	1
60653	NY	ELMIRA	18	18	90	363	70327	420622	765217	16933	606	3.1
71508	NY	ELMIRA	36	36	50	320	74631	420620	765217	15689	544	0.3
38336	NY	GARDEN CITY	21	21	89.9	111	74455	404719	732709	10930	13638	0.1
34329	NY	ITHACA	52	20	0.015	1		422546	762948	382	66	2.6
30303	NY	JAMESTOWN	26	26	234	463	75000	422336	791344	22922	1548	0.2
74156	NY	KINGSTON		48	950	378	65356	412918	735656	23706	14181	1.2
1328	NY	NEW YORK	7	7	3.2	491	74571	404243	740049	26545	19366	0.9
73881	NY	NEW YORK	11	11	3.2	506	80235	404243	740049	26014	19252	1.9
6048	NY	NEW YORK	25	24	151	310		404522	735912	20843	18220	1.3
47535	NY	NEW YORK	4	28	164	515	74906	404243	740049	28669	19696	1
73356	NY	NEW YORK	31	31	225	458	74482	404243	740049	20490	17944	5.8
9610	NY	NEW YORK	2	33	239	482	74646	404243	740049	26765	19217	3.4
22206	NY	NEW YORK	5	44	225	515	74907	404243	740049	27036	19135	3.6
57476	NY	NORTH POLE	5	14	650	845	72521	443132	724858	39057	642	0
62137	NY	NORWOOD	18	23	40	242		442929	745127	14994	163	0.1
46755	NY	PLATTSBURGH	57	38	100	737	66309	444143	735300	26048	413	0



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67993	NY	POUGHKEEPSIE	54	27	800	358	43683	412920	735653	23834	10810	34.2
73206	NY	RIVERHEAD	55	47	410	196	72009	405350	725456	14328	4541	1
70041	NY	ROCHESTER	10	10	5.9	152	74676	430807	773502	17449	1148	0
73371	NY	ROCHESTER	13	13	5.83	152	74689	430807	773503	17099	1134	0.7
57274	NY	ROCHESTER	21	16	180	130	68025	430807	773503	12874	1118	0.1
413	NY	ROCHESTER	31	28	320	161	66841	430805	773507	13190	1127	0
73964	NY	ROCHESTER	8	45	1000	122	69994	430807	773502	15154	1146	0.4
77515	NY	SARANAC LAKE	40	40	50	440	74774	440935	742834	11926	38	1.7
73942	NY	SCHENECTADY	6	6	4.46	426	74544	423731	740038	30364	1567	1.7
73263	NY	SCHENECTADY	17	34	325	426	.....	423731	740038	24147	1423	0.8
73264	NY	SCHENECTADY	45	43	676	413	67289	423731	740038	24332	1399	0.9
60553	NY	SMITHTOWN	67	23	150	204	39829	405323	725713	13615	4096	15.2
9088	NY	SPRINGVILLE	67	7	15.5	411	74575	423814	783711	16571	1369	0.7
64352	NY	SYRACUSE	56	15	78.2	379	74790	431818	760300	17835	1053	0.8
73113	NY	SYRACUSE	9	17	105	402	44725	425642	760128	22102	1222	0.1
40758	NY	SYRACUSE	68	19	621	445	29285	425250	761200	29954	1648	0.3
21252	NY	SYRACUSE	3	24	210	405	.....	425642	760707	26452	1367	0.2
53734	NY	SYRACUSE	24	25	97	393	.....	425644	760707	22595	1276	0
58725	NY	SYRACUSE	43	44	680	445	68111	425250	761200	27037	1403	0
74151	NY	SYRACUSE	5	47	500	290	.....	425719	760634	22565	1246	0
43424	NY	UTICA	33	27	688	433	59327	430213	752641	25154	1066	2.1
60654	NY	UTICA	2	29	708	402	45240	430609	745627	28378	1294	3.3
57837	NY	UTICA	20	30	50	227	45963	430843	751035	10411	447	8.7
16747	NY	WATERTOWN	50	21	25	331	44780	435247	754312	15745	186	0
62136	NY	WATERTOWN	16	41	50	370	74911	435144	754340	18784	234	0.3
70491	OH	AKRON	23	23	317	296	74690	410353	813459	21976	4065	0.2
72958	OH	AKRON	55	30	1000	334	66037	412302	814144	16202	3445	0
49421	OH	AKRON	49	50	180	305	.....	410458	813802	18680	3641	6.7
49439	OH	ALLIANCE	45	45	388	223	74576	405423	805439	15811	2304	0
50147	OH	ATHENS	20	27	250	242	.....	391852	820859	19485	708	1.9
6568	OH	BOWLING GREEN	27	27	110	320	.....	410812	835424	21416	1313	0
50141	OH	CAMBRIDGE	44	35	310	385	68039	400532	811719	24017	1218	1.1
67893	OH	CANTON	17	39	200	292	.....	410320	813538	20718	3970	1
43870	OH	CANTON	67	47	1000	134	40562	410633	812010	15829	3690	0.1
21158	OH	CHILLICOTHE	53	46	1000	328	33138	393520	830644	27391	2595	0.2
59438	OH	CINCINNATI	9	10	15.4	305	75072	390731	842957	27021	3082	0.6
11289	OH	CINCINNATI	12	12	15.6	305	75016	390658	843005	26165	3013	1.9
11204	OH	CINCINNATI	64	33	500	337	39190	391201	843122	24978	3100	0
65666	OH	CINCINNATI	48	34	500	326	32656	390727	843118	24471	3023	0.1
46979	OH	CINCINNATI	5	35	1000	311	.....	390727	843118	29790	3176	0.1
73150	OH	CLEVELAND	8	8	15.7	305	75017	412147	814258	27942	3966	1.5
59441	OH	CLEVELAND	5	15	1000	311	75073	412227	814306	31477	4147	3.2
73195	OH	CLEVELAND	3	17	1000	296	72095	412310	814121	30737	4170	0
18753	OH	CLEVELAND	25	26	100	313	42131	412028	814425	18860	3498	0.1
60556	OH	CLEVELAND	61	34	525	334	40362	412258	814207	25232	3931	0.3
56549	OH	COLUMBUS	6	13	59	286	39803	395614	830116	26405	2526	10.4
50781	OH	COLUMBUS	4	14	902	264	.....	395816	830140	28164	2467	0.4
71217	OH	COLUMBUS	10	21	1000	279	.....	395816	830140	28074	2497	2.6
74137	OH	COLUMBUS	28	36	1000	271	.....	395614	830116	25893	2312	1.6
66185	OH	COLUMBUS	34	38	250	291	.....	400933	825523	21605	2191	0.4
25067	OH	DAYTON	16	16	126	320	.....	394316	841500	12174	3118	2.2
411	OH	DAYTON	45	30	425	351	29247	394328	841518	22724	2886	7
41458	OH	DAYTON	7	41	1000	290	67218	394402	841453	24364	3196	0.5
65690	OH	DAYTON	2	50	1000	323	.....	394307	841522	29198	3497	0.3
73155	OH	DAYTON	22	51	138	351	.....	394328	841518	21345	3050	1.9
37503	OH	LIMA	35	8	30	165	36733	404454	840755	23276	1109	8.5
1222	OH	LIMA	44	47	50	207	75074	404547	841059	14055	556	0.1
8532	OH	LORAIN	43	28	200	337	38130	412245	814312	22230	3706	0
41893	OH	MANSFIELD	68	12	14	180	69497	404550	823704	19484	1109	12.2
11118	OH	NEWARK	51	24	1000	132	39194	400445	824141	18218	1935	0.2
25065	OH	OXFORD	14	28	400	268	43343	390719	843252	20730	2781	0
65130	OH	PORTSMOUTH	30	17	50	237	75075	384542	830341	16947	596	1.5
66190	OH	PORTSMOUTH	42	43	50	382	.....	384542	830341	19181	604	8.3
11027	OH	SANDUSKY	52	42	700	213	41148	412348	824731	18330	1542	0.1
39746	OH	SHAKER HEIGHTS	19	10	3.5	304	19316	412315	814143	18681	3562	1.2
70138	OH	SPRINGFIELD	26	26	50	291	74421	394328	841518	15181	2003	0.9
74122	OH	STUEBENVILLE	9	9	8.82	261	74665	402033	803714	21161	2829	0.1
17076	OH	TOLEDO	40	5	10	155	43356	414441	840106	18262	2235	17.4
13992	OH	TOLEDO	11	11	13.1	263	74409	414022	832247	22529	2388	0.5
74150	OH	TOLEDO	13	13	14.6	305	74430	414100	832449	22711	2547	3
66285	OH	TOLEDO	30	29	50	314	75078	413927	832555	18428	2208	0
19190	OH	TOLEDO	36	46	110	356	40304	413922	832641	18875	2041	0.8
73354	OH	TOLEDO	24	49	59	409	42576	414003	832122	18182	1915	0
72062	OH	YOUNGSTOWN	21	20	460	295	43442	410448	803825	23468	3296	0
4693	OH	YOUNGSTOWN	33	36	50	148	.....	410343	803807	12151	1299	3.1
73153	OH	YOUNGSTOWN	27	41	700	418	.....	410324	803844	29686	3817	26.3
61216	OH	ZANESVILLE	18	40	620	169	.....	395542	815907	18268	818	1.3
35666	OK	ADA	10	26	1000	426	.....	342134	963334	37746	516	1.1
1005	OK	BARTLESVILLE	17	17	210	296	74384	363059	954610	20962	949	0

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50194	OK	CHEYENNE	12	8	30	303		353536	994002	30003	101	2.9
57431	OK	CLAREMORE	35	36	144	255	76140	362403	953630	15572	915	0
50198	OK	EUFAULA	3	31	1000	364		351101	952019	31355	600	0.1
35645	OK	LAWTON	7	11	138	327		341255	984313	40212	446	1.6
78322	OK	MUSKOGEE	19	20	245	252	80215	354508	954815	20096	1001	0.4
84225	OK	NORMAN	46	46	50	416	74779	353552	972922	18745	1211	0.1
12508	OK	OKLAHOMA CITY	5	7	34	430	41104	353345	972924	34028	1407	0.1
25382	OK	OKLAHOMA CITY	9	9	19.4	465	74545	353258	972950	36596	1436	0.2
50205	OK	OKLAHOMA CITY	13	13	26.4	465	74494	353552	972922	38899	1455	0
67999	OK	OKLAHOMA CITY	14	15	500	358		353435	972909	29701	1365	1.1
35388	OK	OKLAHOMA CITY	25	24	1000	476	44126	353258	972918	37403	1448	0
66222	OK	OKLAHOMA CITY	4	27	790	489		353552	972922	39060	1449	0.7
50170	OK	OKLAHOMA CITY	34	33	1000	458		353258	972918	39194	1464	0
50182	OK	OKLAHOMA CITY	43	40	55.6	475	74566	353522	972903	23666	1272	0
2566	OK	OKLAHOMA CITY	62	50	200	483		353552	972922	28774	1341	0
38214	OK	OKLAHOMA CITY	52	51	1000	458		353552	972922	36936	1428	0
7078	OK	OKMULGEE	44	28	1000	219	19049	355002	960728	20118	978	0.5
77480	OK	SHAWNEE	30	29	770	474		353336	972907	38646	1451	0.5
59439	OK	TULSA	2	8	18.2	558	74648	360115	954032	40080	1293	0.2
35685	OK	TULSA	8	10	6.9	542	42996	355808	953655	28865	1168	1.7
66195	OK	TULSA	11	11	22.2	396	74534	360115	954032	33165	1210	0.3
11910	OK	TULSA	23	22	1000	400		360136	954044	35867	1235	1
54420	OK	TULSA	41	42	900	381		360136	954044	32279	1195	0.2
35434	OK	TULSA	6	45	840	573	74632	360115	954032	40750	1297	0.7
37099	OK	TULSA	47	47	50	460	75034	360115	954032	19212	1018	0
24485	OK	TULSA	53	49	50	182	74912	360234	955711	13058	893	0
86532	OK	WOODWARD	35	35	50	339	74767	361606	992656	16828	37	0
50588	OR	BEND	3	11	160	226		440441	1211957	29073	157	0
55907	OR	BEND	21	21	53.7	197	74422	440440	1211949	10195	150	0
166534	OR	BEND		51	84.1	206	75180	440440	1211956	10034	148	0
49750	OR	COOS BAY	11	11	3.2	188	74446	432326	1240746	12943	82	0
35183	OR	COOS BAY	23	22	10	179	44658	432339	1240756	8368	65	0.9
50590	OR	CORVALLIS	7	7	10.1	375	74546	443825	1231625	24451	1118	9.6
34406	OR	EUGENE	9	9	12.1	502	75028	440657	1225957	24311	513	0.1
49766	OR	EUGENE	13	13	30.9	407	74988	440007	1230653	28949	648	7.6
35189	OR	EUGENE	16	17	70	473	44473	440657	1225957	17731	465	0.1
50591	OR	EUGENE	28	29	100	403	60215	440007	1230653	15614	477	0
8322	OR	EUGENE	34	31	88	372	67996	440004	1230645	13922	460	0
83306	OR	GRANTS PASS	30	30	50	654	74763	422256	1231629	19481	185	0
8284	OR	KLAMATH FALLS	2	13	9	659		420548	1213757	29481	84	0.2
60740	OR	KLAMATH FALLS	31	29	50	691	74913	420550	1213759	19200	65	0
61335	OR	KLAMATH FALLS	22	33	50	656	74914	420550	1213759	20779	67	0
50592	OR	LA GRANDE	13	13	31.8	775	74341	451833	1174354	28984	78	3.1
81447	OR	LA GRANDE	16	29	50	773	74737	451835	1174357	20192	42	0
8260	OR	MEDFORD	5	5	6.35	823	74385	424149	1231339	49279	483	0
61350	OR	MEDFORD	8	8	16.9	818	74567	424132	1231345	36640	386	1
22570	OR	MEDFORD	10	10	11.5	1009	74513	420455	1224307	38336	337	0
60736	OR	MEDFORD	12	12	16.9	823	74535	424132	1231346	35257	377	2.2
32958	OR	MEDFORD	26	26	50	428	75001	421754	1224459	11117	216	0
12729	OR	PENDLETON	11	11	22	472	74974	454451	1180211	30211	316	0
34874	OR	PORTLAND	8	8	21.9	509	74577	453121	1224446	30424	2379	3.6
50589	OR	PORTLAND	10	10	32	509	75002	453121	1224445	32672	2474	0.1
50633	OR	PORTLAND	12	12	21.9	543	74483	453119	1224453	30824	2429	1.2
35380	OR	PORTLAND	6	40	1000	523		453058	1224358	30516	2489	0
21649	OR	PORTLAND	2	43	1000	524		453057	1224359	30145	2486	0
47707	OR	PORTLAND	24	45	1000	522		453058	1224359	29841	2479	0
31437	OR	ROSEBURG	36	18	50	213	34395	431409	1231916	9672	93	0
61551	OR	ROSEBURG	4	19	50	274	28609	431408	1231918	9394	89	0
35187	OR	ROSEBURG	46	45	12	109	44472	431222	1232156	5477	76	0.2
5801	OR	SALEM	22	22	1000	490	74337	453121	1224445	31809	2507	0
10192	OR	SALEM	32	33	750	523		453058	1224358	30060	2482	0.1
36989	PA	ALLENTOWN	39	39	50	302	74699	403358	752606	15373	4857	2.5
39884	PA	ALLENTOWN	69	46	500	314	59122	403352	752624	16547	6539	2.3
20287	PA	ALTOONA	23	24	1000	311	29784	403406	782638	19812	757	0.8
23341	PA	ALTOONA	10	32	883	305	70018	403401	782630	22732	817	1.6
13929	PA	ALTOONA	47	46	50	308	74915	403412	782626	13077	575	0.7
60850	PA	BETHLEHEM	60	9	3.2	284	59326	403352	752624	15841	5342	8.4
66219	PA	CLEARFIELD	3	15	810	413	59340	410720	782629	31830	862	1.4
24970	PA	ERIE	12	12	8.63	305	74599	420352	800019	24248	675	0.7
49711	PA	ERIE	35	16	200	279	30039	420215	800343	19713	636	0.6
19707	PA	ERIE	66	22	850	276	65637	420233	800356	14972	581	0
65749	PA	ERIE	24	24	523	310	70354	420225	800409	20313	702	1.1
53716	PA	ERIE	54	50	200	271	67971	420234	800356	18066	531	3.5
13924	PA	GREENSBURG	40	50	362	264	44438	402334	794654	16084	2634	2.8
72326	PA	HARRISBURG	27	10	14	346	40451	401857	765702	22372	2185	0.6
72313	PA	HARRISBURG	21	21	500	372	70325	402043	765209	22848	2357	4.6
73083	PA	HARRISBURG	33	36	50	427	74916	402045	765206	16831	1972	8.6
73375	PA	HAZLETON	56	45	420	488		411100	755210	26172	1848	17.9
69880	PA	JEANNETTE	19	49	233	325	74484	401051	790946	19207	2016	19.9

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20295	PA	JOHNSTOWN	8	8	6.5	352	70335	401053	790905	20947	2534	0.8
73120	PA	JOHNSTOWN	6	34	1000	386	65822	402217	785856	24695	1984	3
53930	PA	LANCASTER	8	8	13.4	393	74678	400204	763708	23713	3313	2.5
23338	PA	LANCASTER	15	23	500	381	41227	401545	762751	25174	3340	1.1
8616	PA	PHILADELPHIA	6	6	6.22	332	80202	400239	751426	32281	10186	0.2
73879	PA	PHILADELPHIA	17	17	237	354	74615	400230	751411	24810	8188	0
25453	PA	PHILADELPHIA	3	26	770	375	.....	400233	751433	31614	10075	1.6
12499	PA	PHILADELPHIA	57	32	250	400	44229	400230	751411	22512	7859	3.6
63153	PA	PHILADELPHIA	10	34	325	377	71122	400230	751411	27178	8934	1.6
28480	PA	PHILADELPHIA	35	35	358	377	71123	400230	751411	25390	8573	4.3
51568	PA	PHILADELPHIA	29	42	273	347	74917	400226	751420	22077	7633	8.6
41315	PA	PITTSBURGH	13	13	12.6	210	80240	402646	795751	21749	2933	1.3
25454	PA	PITTSBURGH	2	25	1000	311	.....	402938	800109	29482	3587	0.1
41314	PA	PITTSBURGH	16	38	64.1	215	74997	402646	795751	14493	2602	0.2
73907	PA	PITTSBURGH	22	42	1000	315	43259	402943	800017	22255	2996	3.9
73875	PA	PITTSBURGH	53	43	1000	303	45946	402943	800018	23931	3093	0
73910	PA	PITTSBURGH	11	48	1000	289	.....	402748	800016	24863	3239	0.6
65681	PA	PITTSBURGH	4	51	1000	273	40377	401649	794811	20794	2868	0.6
55305	PA	READING	51	25	900	395	67694	401952	754141	20961	5185	35.2
55350	PA	RED LION	49	30	50	177	74918	395418	763500	11529	1959	17.2
17010	PA	SCRANTON	22	13	30	471	.....	411058	755226	32173	2482	5.9
64690	PA	SCRANTON	64	32	528	354	59210	412606	754335	20285	1051	5.2
73374	PA	SCRANTON	38	38	57.6	385	75018	412609	754345	15550	899	3.7
47929	PA	SCRANTON	44	41	200	487	.....	411055	755217	23850	1905	2.3
73318	PA	SCRANTON	16	49	100	506	.....	411100	755210	21352	1725	0.9
71225	PA	WILKES-BARRE	28	11	30	471	.....	411058	755226	32646	2524	5.2
52075	PA	WILLIAMSPORT	53	29	200	223	17599	411157	770739	12694	325	2.2
10213	PA	YORK	43	47	933	385	45937	400141	763600	22841	3255	26.3
50063	RI	BLOCK ISLAND	69	17	1000	228	67093	412941	714706	21896	2966	4
73311	RI	PROVIDENCE	64	12	11.5	295	74616	415214	711745	21844	5899	0.8
47404	RI	PROVIDENCE	12	13	18	305	.....	415236	711657	28045	6539	0.8
56092	RI	PROVIDENCE	36	21	50	268	65226	415154	711715	11209	2916	34.3
50780	RI	PROVIDENCE	10	51	1000	305	74926	415154	711715	22224	6489	0.4
61003	SC	ALLENDALE	14	33	427	241	67765	331115	812350	15210	603	0
56548	SC	ANDERSON	40	14	310	311	30073	343851	821613	22074	1365	0
61007	SC	BEAUFORT	16	44	440	365	70516	324242	804054	19925	835	0
61005	SC	CHARLESTON	7	7	12	562	70358	325528	794158	31487	849	0
416	SC	CHARLESTON	24	24	283	583	74554	325624	794145	30857	818	0
21536	SC	CHARLESTON	4	34	630	522	43263	325528	794158	32715	848	0
9015	SC	CHARLESTON	36	36	50	583	74514	325624	794145	21692	657	0
71297	SC	CHARLESTON	5	47	1000	521	45846	325528	794158	33547	866	0.3
10587	SC	CHARLESTON	2	50	1000	581	66300	325624	794145	35154	925	0
60963	SC	COLUMBIA	25	8	43.7	529	34078	340658	804551	40798	1724	9.5
13990	SC	COLUMBIA	10	10	18.1	462	74559	340729	804523	32006	1450	1.8
37176	SC	COLUMBIA	19	17	1000	500	43474	340549	804551	33240	1341	6.5
61013	SC	COLUMBIA	35	32	65	314	.....	340706	805613	18946	969	0
136750	SC	COLUMBIA	47	47	50	192	74780	340238	805951	5835	584	16.7
19199	SC	COLUMBIA	57	48	520	464	43955	340658	804551	27312	1158	1.4
61004	SC	CONWAY	23	9	20	230	.....	335658	790631	27745	778	0
66407	SC	FLORENCE	13	13	18.3	541	74650	342204	791921	40668	1577	1
17012	SC	FLORENCE	15	16	421	602	.....	342153	791949	42129	1611	1.2
3133	SC	FLORENCE	21	21	384	581	74438	342153	791949	32643	1311	0.1
61008	SC	FLORENCE	33	45	45	242	.....	341648	794435	14727	495	0.2
82494	SC	GEORGETOWN	.....	38	500	171	66448	335012	785111	14797	379	2
61010	SC	GREENVILLE	29	9	65	378	64722	345629	822438	30476	1753	0.1
9064	SC	GREENVILLE	16	16	98.4	337	.....	345626	822441	20693	1507	0.5
72300	SC	GREENVILLE	21	21	496	744	70350	351056	824056	32127	1918	0.9
53905	SC	GREENVILLE	4	36	664	577	74692	350643	823624	35642	2008	0.2
60931	SC	GREENWOOD	38	18	49	230	.....	342219	821005	15770	1009	0.7
27245	SC	HARDEEVILLE	28	28	1000	455	75003	320245	812027	34454	819	0
9054	SC	MYRTLE BEACH	43	18	1000	459	39594	341119	791100	36913	1343	0.9
83969	SC	MYRTLE BEACH	32	32	165	186	77954	334350	790432	13305	334	0
61009	SC	ROCK HILL	30	15	403	212	67767	345023	810107	15304	1610	0.2
20624	SC	ROCK HILL	55	39	200	595	.....	352144	810919	30125	2793	2.7
66391	SC	SPARTANBURG	7	7	20.5	657	74611	351012	821727	40644	2745	0.4
61011	SC	SPARTANBURG	49	43	50	302	.....	345311	814916	16629	1263	4
61012	SC	SUMTER	27	28	98.4	364	.....	335251	801615	22690	1018	0.4
40902	SC	SUMTER	63	39	500	391	66995	340658	804551	23915	1157	7.1
48659	SD	ABERDEEN	9	9	19.4	427	74475	450632	975330	32920	127	2.8
61064	SD	ABERDEEN	16	17	50	357	74927	452955	974035	21097	80	0
61067	SD	BROOKINGS	8	8	9.16	230	70586	442016	971342	19513	123	4.1
61071	SD	EAGLE BUTTE	13	13	21.9	518	74989	450320	1021540	37160	18	3
41975	SD	FLORENCE	3	3	3.7	241	74334	445753	973450	25730	122	0
28501	SD	HURON	12	12	11.8	217	74456	441139	981905	19995	64	1.5
17686	SD	LEAD	11	10	34.8	576	.....	441936	1035012	44028	162	0
34348	SD	LEAD	5	29	1000	564	74928	441930	1035014	39408	160	1.3
61063	SD	LOWRY	11	11	10.6	317	74386	451634	995903	27187	27	0.7
61062	SD	MARTIN	8	8	12.9	265	74461	432606	1013314	24925	28	0
55375	SD	MITCHELL	5	26	1000	315	.....	434533	982444	31314	100	0

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61066	SD	PIERRE	10	10	21.4	488	74447	435755	993556	37734	62	1.3
48660	SD	PIERRE	4	19	61	347	44050	440307	1000503	17986	32	0
17688	SD	RAPID CITY	3	2	7.1	185	39981	440407	1031503	21008	131	0
34347	SD	RAPID CITY	7	7	12.3	204	80208	440400	1031501	19308	129	1
41969	SD	RAPID CITY	15	16	150	154	68112	440413	1031501	14080	118	0
81464	SD	RAPID CITY	21	21	50	211	74748	440533	1031453	14030	121	0
61068	SD	RAPID CITY	9	26	76.3	202	74931	440307	1031436	13945	117	0
41964	SD	RELIANCE	6	13	40	318	45870	435757	993611	27299	49	6.6
28521	SD	SIOUX FALLS	17	7	65	126	29257	432920	964540	21044	318	2.5
41983	SD	SIOUX FALLS	11	11	24.1	589	74495	433107	963205	41072	530	2
48658	SD	SIOUX FALLS	13	13	22.7	610	75012	433107	963205	41131	542	6.5
60728	SD	SIOUX FALLS	23	24	29	75		433428	963919	9342	217	0
29121	SD	SIOUX FALLS	36	36	152	209		433019	963419	16927	287	0
55379	SD	SIOUX FALLS	46	47	1000	608		433018	963322	43736	577	0
61072	SD	VERMILLION	2	34	236	204		430301	964701	17956	395	1.4
22590	TN	CHATTANOOGA	9	9	10.7	317	74516	350941	851903	21458	1022	4.4
54385	TN	CHATTANOOGA	12	12	20.3	376	74582	350806	851925	25744	1171	1.8
59137	TN	CHATTANOOGA	3	13	34.8	335	39987	350940	851851	22387	1068	3.3
65667	TN	CHATTANOOGA	45	29	200	336		351226	851652	20169	974	1.1
71353	TN	CHATTANOOGA	61	40	84	350	68567	351234	851639	15882	880	0.3
72060	TN	CLEVELAND	53	42	500	333	67273	351234	851639	21132	1017	0.3
69479	TN	COOKEVILLE	22	22	50	425	74600	361026	852037	20631	418	4.5
28468	TN	COOKEVILLE	28	36	733	429	64292	361604	864744	28993	1833	0.5
72971	TN	CROSSVILLE	20	20	189	719	75046	360633	842017	33281	1435	0.8
40761	TN	GREENEVILLE	39	38	1000	795	59933	360124	824256	33197	1840	0.2
60820	TN	HENDERSONVILLE	50	51	264	417	62261	361603	864744	23496	1687	1.5
68519	TN	JACKSON	16	39	392	296		354722	890614	23937	609	0
65204	TN	JACKSON	7	43	920	323	74935	353815	884132	29064	630	0.5
52628	TN	JELICO	54	23	18	608	29572	361153	841351	18076	1024	0.6
57826	TN	JOHNSON CITY	11	11	23	692	74679	362555	820815	33619	1273	5.9
27504	TN	KINGSPORT	19	19	167	699	75004	362552	820817	19914	813	2.5
83931	TN	KNOXVILLE		7	55	382	66337	360036	835557	27676	1275	2.7
46984	TN	KNOXVILLE	10	10	24.7	530	75019	360013	835635	32937	1395	3.2
18267	TN	KNOXVILLE	15	17	100	551		355944	835723	25564	1229	0.4
71082	TN	KNOXVILLE	6	26	930	529		360013	835634	34036	1441	1.7
35908	TN	KNOXVILLE	8	30	398	551		355944	835723	29948	1352	0.8
19200	TN	KNOXVILLE	43	34	460	529		360013	835634	29596	1344	0.2
7651	TN	LEBANON	66	44	50	161	74936	360913	862246	9894	1179	0
71645	TN	LEXINGTON	11	47	1000	195	74937	354212	883610	20726	465	0
19184	TN	MEMPHIS	5	5	1.46	338	74601	351633	894638	24916	1412	0.6
85102	TN	MEMPHIS		10	3.2	306	74651	350916	894920	18964	1299	0.2
12521	TN	MEMPHIS	13	13	12.9	308	75055	351028	895041	26715	1453	0.6
81692	TN	MEMPHIS	14	23	255	379	80188	352803	901127	19956	1415	0.1
11907	TN	MEMPHIS	24	25	1000	340		351633	894638	32105	1643	1.3
66174	TN	MEMPHIS	3	28	1000	305	74938	351052	894956	30178	1518	0.3
42061	TN	MEMPHIS	10	29	835	320		350916	894920	30623	1534	0
68518	TN	MEMPHIS	30	31	871	340		351633	894638	31598	1615	0.2
21726	TN	MEMPHIS	50	51	1000	298		351241	894854	27402	1452	0.1
11117	TN	MURFREESBORO	39	38	1000	250	32815	360458	862552	20770	1547	0.1
36504	TN	NASHVILLE	5	5	10.3	425	80199	361605	864716	39572	2091	0.1
41398	TN	NASHVILLE	8	8	17.6	411	74578	360250	864949	31980	1855	1.7
41232	TN	NASHVILLE	4	10	39.7	434	74939	360827	865156	37842	2019	0.7
418	TN	NASHVILLE	17	15	1000	411	39931	361550	864739	31670	1874	3
9971	TN	NASHVILLE	30	21	1000	413	39919	361550	864739	31591	1916	0.9
73310	TN	NASHVILLE	58	23	350	367	65623	361550	864739	25194	1708	0.1
73188	TN	NASHVILLE	2	27	946	411		360250	864949	36057	2007	0.1
18252	TN	SNEEDVILLE	2	41	445	567		362252	831049	30546	1678	1.1
81750	TN	TAZEVELL	48	48	193	431	74781	361530	833743	16166	1003	0.3
62293	TX	ABILENE	15	15	165	298	74734	321631	993523	18689	215	2.4
59988	TX	ABILENE	32	24	1000	258		321638	993551	27447	268	0
306	TX	ABILENE	9	29	1000	258	77885	321638	993551	22366	226	0
60537	TX	ALVIN	67	36	1000	579	43470	293415	953037	41745	4843	0
40446	TX	AMARILLO	7	7	21.9	518	74462	352229	1015258	39374	350	0
1236	TX	AMARILLO	2	8	5	519		352230	1015256	29273	314	5.6
51466	TX	AMARILLO	10	10	20.8	466		351734	1015042	37002	347	0.1
33722	TX	AMARILLO	14	15	925	464		352033	1014921	40775	356	0.1
8523	TX	AMARILLO	4	19	400	455		352033	1014921	34791	341	0
68834	TX	ARLINGTON	68	42	1000	368	60704	323525	965823	26621	5223	0.9
35649	TX	AUSTIN	7	7	15.9	384	74653	301836	974733	31188	1835	0
35920	TX	AUSTIN	36	21	700	396		301933	974758	34107	1900	1.6
8564	TX	AUSTIN	18	22	700	358		301919	974812	33104	1897	0.1
35867	TX	AUSTIN	24	33	1000	376		301918	974811	33409	1874	3
33691	TX	AUSTIN	42	43	1000	395	60307	301918	974811	31315	1837	2.1
144	TX	AUSTIN	54	49	500	396	28952	301933	974758	26233	1589	3.2
70492	TX	BAYTOWN	57	41	1000	596	38691	293415	953037	40536	4831	0
10150	TX	BEAUMONT	12	12	12.9	292	75047	301124	935315	27428	707	0
22589	TX	BEAUMONT	6	21	50	254	44573	300824	935844	14995	489	0
12896	TX	BEAUMONT	34	33	500	312	29808	301041	935426	23659	661	0
9754	TX	BELTON	46	46	232	360	74537	305908	973751	22126	1398	5.6

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42008	TX	BIG SPRING	4	33	174	83	66027	321655	1012934	10867	96	0
125710	TX	BLANCO	17	18	224	204	75128	294148	983045	16790	1769	0
83715	TX	BORGER	.....	31	700	306	66220	352033	1014920	23168	314	0
12523	TX	BROWNSVILLE	23	24	1000	445	39305	260601	975020	35542	959	0
60384	TX	BRYAN	28	28	50	220	75013	304118	962535	12801	270	0
6669	TX	BRYAN	3	50	1000	477	43579	303316	960151	36945	2953	0
65301	TX	COLLEGE STATION	15	12	3.2	119	74940	303748	962033	13045	278	4.9
58835	TX	CONROE	49	32	1000	555	74342	293415	953037	38783	4814	0
28324	TX	CONROE	55	42	1000	597	43288	293344	953035	39190	4840	0
10188	TX	CORPUS CHRISTI	3	8	160	269	65123	273930	973604	36835	541	0.1
33079	TX	CORPUS CHRISTI	10	10	14.3	287	74423	274650	973803	27676	539	0
25559	TX	CORPUS CHRISTI	6	13	46.1	240	71769	274429	973609	24373	527	1.8
58408	TX	CORPUS CHRISTI	16	23	200	273	31667	273920	973355	18472	500	0
64877	TX	CORPUS CHRISTI	28	27	1000	287	38420	274227	973759	26335	536	0
82910	TX	CORPUS CHRISTI	38	38	50	280	74770	274522	973625	12804	476	0
72054	TX	DALLAS	8	8	21.5	512	74356	323506	965841	39164	5431	0.5
49324	TX	DALLAS	13	14	475	500	.....	323443	965712	39475	5462	0
22201	TX	DALLAS	33	32	780	537	36873	323235	965732	36512	5404	0
33770	TX	DALLAS	4	35	1000	511	74941	323506	965841	41095	5492	0
17037	TX	DALLAS	27	36	1000	495	29430	323236	965732	37393	5405	0.1
35994	TX	DALLAS	39	40	1000	494	.....	323507	965806	40034	5463	0.1
67910	TX	DALLAS	58	45	1000	494	65026	323236	965732	33987	5352	0
73701	TX	DECATUR	29	30	1000	544	65411	323519	965805	37279	5435	0
55762	TX	DEL RIO	10	28	1000	100	.....	292039	1005139	17248	56	0
49326	TX	DENTON	2	43	1000	494	64993	323235	965732	33538	5346	0
32621	TX	EAGLE PASS	16	18	50	85	36900	284332	1002835	17853	68	0
49832	TX	EL PASO	7	7	38.1	574	74410	314818	1062858	42990	854	0
67760	TX	EL PASO	9	9	24	582	74401	314818	1062857	39562	854	0
19117	TX	EL PASO	13	13	24.4	265	74485	314715	1062847	22908	849	0
33716	TX	EL PASO	14	15	1000	602	68879	314855	1062920	39112	857	0
33764	TX	EL PASO	4	18	1000	475	74942	314746	1062857	35035	851	0
51708	TX	EL PASO	26	25	1000	439	36510	314746	1062857	28858	851	0
10202	TX	EL PASO	38	39	50	557	74943	314855	1062917	18504	851	0
68753	TX	EL PASO	65	51	70	525	29633	314818	1062859	16890	846	0
81445	TX	FARWELL	18	18	50	112	74740	342621	1031222	9122	77	0
29015	TX	FORT WORTH	52	9	6.87	545	75052	323519	965805	25183	5229	1.5
23422	TX	FORT WORTH	11	11	26.3	500	74431	323443	965712	38000	5412	1.3
51517	TX	FORT WORTH	21	18	220	535	19052	323235	965732	28958	5279	0.4
49330	TX	FORT WORTH	5	41	1000	514	74944	323515	965759	40533	5475	0
24316	TX	FREDERICKSBURG	2	5	10.2	413	74707	300813	983635	38961	2966	0
24436	TX	GALVESTON	22	23	247	566	.....	291756	951411	35208	4479	2.3
64984	TX	GALVESTON	47	48	1000	597	43454	293415	953037	39815	4836	0
35841	TX	GARLAND	23	23	186	518	.....	323521	965812	33002	5332	0
42359	TX	GREENVILLE	47	46	600	496	60867	323236	965732	30628	5313	0.1
34457	TX	HARLINGEN	4	31	1000	368	44581	260856	974918	26278	949	0
12913	TX	HARLINGEN	44	34	200	283	65860	261300	974648	18751	925	0
56079	TX	HARLINGEN	60	38	1000	346	46306	260714	974918	25290	944	0
69269	TX	HOUSTON	8	8	21.9	564	80228	293428	952937	37914	4826	0.1
34529	TX	HOUSTON	11	11	17	570	.....	293340	953004	38950	4822	0.5
35675	TX	HOUSTON	13	13	22.2	588	70860	293427	952937	42534	4833	0.4
51569	TX	HOUSTON	20	19	421	596	33045	293344	953035	36222	4827	0
12895	TX	HOUSTON	14	24	900	579	59136	293415	953037	42319	4848	0
22204	TX	HOUSTON	26	26	234	594	75005	293428	952937	31274	4768	0.1
53117	TX	HOUSTON	2	35	1000	585	.....	293406	952957	45364	4862	0
23394	TX	HOUSTON	39	38	1000	582	33161	293406	952957	35952	4818	0
69531	TX	HOUSTON	61	44	1000	461	68030	293344	953035	32739	4777	0
60534	TX	IRVING	49	48	225	535	39591	323235	965732	27401	5245	0
55643	TX	JACKSONVILLE	56	22	1000	459	33098	320340	951850	35608	924	0.8
31870	TX	KATY	51	47	1000	597	69142	293415	953037	40037	4838	0
51518	TX	KERRVILLE	35	32	1000	531	46137	293638	985333	33391	1818	0.2
148	TX	KILLEEN	62	13	45	484	.....	304334	975923	41662	1828	1.2
17433	TX	LAKE DALLAS	55	39	57.3	494	74617	323236	965732	18912	5077	0.9
10061	TX	LAREDO	8	8	33.3	285	74387	274021	993951	27256	199	5.9
33078	TX	LAREDO	13	13	3.2	280	74376	273114	993119	19464	201	1.8
51479	TX	LAREDO	27	19	200	49	36711	273004	993037	8202	193	0
35909	TX	LLANO	14	27	660	249	.....	304036	983359	22137	903	9.7
70917	TX	LONGVIEW	51	31	1000	361	29517	321535	945702	29711	821	0.5
83913	TX	LONGVIEW	38	38	191	268	74771	321536	945702	15446	554	0.3
27507	TX	LUBBOCK	11	11	15	232	.....	333232	1015014	24161	371	0.6
53544	TX	LUBBOCK	16	16	50	83	74990	333312	1014913	9355	283	0
40820	TX	LUBBOCK	28	27	1000	219	.....	333133	1015207	23831	358	0
55031	TX	LUBBOCK	34	35	1000	274	.....	333008	1015220	27678	377	0
65355	TX	LUBBOCK	5	39	890	143	32592	333455	1015325	14440	342	1.4
3660	TX	LUBBOCK	13	40	1000	219	.....	333133	1015207	22626	354	0
68541	TX	LUFKIN	9	9	10	204	74363	312509	944803	20490	309	4.7
69692	TX	MCALLEN	48	49	1000	286	39111	260518	980344	23860	956	0
86263	TX	MIDLAND	18	18	240	284	74741	315019	1023159	16457	276	0
35131	TX	MIDLAND	2	26	1000	323	.....	320511	1021710	32226	345	0
55644	TX	NACOGDOCHES	19	18	640	457	.....	315420	950505	35050	829	8.3

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6865	TX	ODESSA	7	7	13.1	226	80209	315150	1023441	25197	283	0	
42007	TX	ODESSA	9	9	25.7	391	.....	315917	1025241	34523	341	0	
12524	TX	ODESSA	24	23	600	333	39998	320551	1021721	26889	324	0	
84410	TX	ODESSA	30	30	50	212	74764	320551	1021721	11292	254	0	
50044	TX	ODESSA	36	38	500	82	.....	315158	1022248	14075	267	0	
53541	TX	ODESSA	42	42	50	142	75023	320254	1021804	9745	254	0	
61214	TX	PORT ARTHUR	4	40	1000	360	.....	300920	935910	32745	776	0	
62354	TX	RIO GRANDE CITY	40	20	50	113	74946	262547	984925	12057	225	0	
53847	TX	ROSENBERG	45	45	356	578	74579	293344	953035	33056	4793	0	
31114	TX	SAN ANGELO	8	11	18.8	434	.....	312201	1000248	33418	163	2.4	
307	TX	SAN ANGELO	3	16	1000	160	.....	313722	1002614	21754	130	0	
58560	TX	SAN ANGELO	6	19	1000	277	74948	313521	1003100	27865	132	0.3	
749	TX	SAN ANTONIO	9	9	8.3	259	74347	291938	982117	21643	1787	0.4	
53118	TX	SAN ANTONIO	12	12	18.4	427	70242	291611	981531	32978	1888	0.7	
27300	TX	SAN ANTONIO	23	16	500	307	45032	291724	981520	24963	1830	0.2	
56528	TX	SAN ANTONIO	29	30	1000	441	28869	291728	981612	34435	1982	0	
64969	TX	SAN ANTONIO	60	38	1000	414	41078	291738	981530	29713	1891	0.2	
26304	TX	SAN ANTONIO	5	39	751	424	74634	291607	981555	34215	1903	0.1	
35881	TX	SAN ANTONIO	41	41	416	414	74547	291738	981530	25480	1848	0.2	
69618	TX	SAN ANTONIO	4	48	844	451	74680	291610	981555	34527	1894	1.3	
35954	TX	SHERMAN	12	12	14.4	543	74439	340158	964800	38337	946	13	
77452	TX	SNYDER	17	17	184	138	74359	324652	1005352	8618	45	0	
308	TX	SWEETWATER	12	20	561	427	74949	322448	1000625	31757	243	2.6	
10245	TX	TEMPLE	6	9	25	527	41595	311624	971314	34738	1265	6.8	
35648	TX	TEXARKANA	6	15	1000	454	.....	325411	940020	42049	1055	0.1	
68540	TX	TYLER	7	7	15	302	74360	323223	951312	25525	762	0.4	
61173	TX	UVALDE	26	26	235	560	74761	293711	990257	31324	1771	1.6	
35846	TX	VICTORIA	19	11	18	290	.....	285042	970733	24235	256	13.4	
73101	TX	VICTORIA	25	15	900	312	59285	285042	970733	29932	310	1.8	
35903	TX	WACO	10	10	13.8	552	75056	311919	971858	38053	1164	1.1	
6673	TX	WACO	34	20	700	319	69374	311917	972040	25553	679	0.9	
9781	TX	WACO	25	26	1000	561	58939	312016	971836	38287	1343	2.2	
12522	TX	WACO	44	44	160	552	74667	311852	971937	22371	743	10	
43328	TX	WESLACO	5	13	57	445	38452	260602	975021	33861	962	0	
7675	TX	WICHITA FALLS	18	15	1000	325	39767	341205	984345	24386	379	3	
6864	TX	WICHITA FALLS	6	22	200	311	.....	335404	983221	23697	346	0	
65370	TX	WICHITA FALLS	3	28	1000	274	.....	335323	983330	28507	377	0	
77719	TX	WOLFFORTH	22	43	77.1	228	80190	333008	1015220	15511	312	0	
59494	TX	CEDAR CITY	4	14	1000	819	.....	373229	1130404	45405	141	0	
69694	UT	LOGAN	12	12	22.3	690	74725	414703	1121355	32939	792	5.9	
77512	UT	OGDEN	24	24	450	1229	59860	403933	1121207	37197	1798	0	
69582	UT	OGDEN	9	36	200	1256	38687	403933	1121207	29628	1781	0	
1136	UT	OGDEN	30	48	200	1257	41318	403933	1121207	27529	1768	0	
84277	UT	PRICE	3	11	51.1	658	74335	394522	1105922	39858	210	0	
57884	UT	PROVO	16	29	530	1171	18846	403912	1121206	27532	1785	0	
81451	UT	PROVO	32	32	138	812	75067	401645	1115600	17405	1617	0	
6823	UT	PROVO	11	44	403	1257	.....	403933	1121207	36321	1791	0	
82576	UT	RICHFIELD	.....	19	0.33	441	46081	383804	1120333	4806	22	0	
22215	UT	SALT LAKE CITY	13	13	43.4	1234	74476	403932	1121208	38745	1812	0.4	
10177	UT	SALT LAKE CITY	20	20	73.3	1171	74746	403912	1121206	24439	1734	0	
35823	UT	SALT LAKE CITY	2	34	423	1267	39866	403933	1121207	34886	1796	0	
6359	UT	SALT LAKE CITY	5	38	546	1267	19903	403933	1121207	34973	1791	0	
68889	UT	SALT LAKE CITY	4	40	476	1256	27794	403933	1121207	33954	1790	0	
69396	UT	SALT LAKE CITY	7	42	239	1266	30673	403933	1121207	30198	1785	0	
36607	UT	SALT LAKE CITY	14	46	123	1181	75006	403912	1121206	27341	1761	0	
35822	UT	ST. GEORGE	12	9	3.2	43	44874	370348	1133423	4214	85	0.4	
82585	UT	ST. GEORGE	.....	18	1.62	67	43602	370350	1133420	3637	81	0	
83729	UT	VERNAL	6	16	1000	676	74714	402122	1090841	36226	44	0	
69532	VA	ARLINGTON	14	15	900	173	29445	385624	770454	19793	6911	0.2	
10897	VA	ASHLAND	65	47	1000	249	28058	374431	771515	20211	1398	0.3	
2455	VA	BRISTOL	5	5	8.93	680	80200	362657	820631	46491	1935	0.7	
363	VA	CHARLOTTESVILLE	19	19	50	326	74743	375903	782852	14121	381	1.2	
70309	VA	CHARLOTTESVILLE	29	32	1000	368	67231	375902	782853	28673	1512	1.8	
9990	VA	CHARLOTTESVILLE	41	46	340	332	41219	375859	782902	16348	439	7.4	
15507	VA	DANVILLE	24	24	141	332	.....	370210	793230	21206	917	0	
9999	VA	FAIRFAX	56	24	50	215	74668	385228	771324	14900	5838	0.1	
66378	VA	FRONT ROYAL	42	21	50	400	32594	385736	781952	13538	714	16.9	
10019	VA	GOLDVEIN	.....	30	160	229	.....	383743	772621	17529	4650	0.5	
37808	VA	GRUNDY	68	49	1000	662	.....	364947	820445	35029	1179	0.8	
74167	VA	HAMPTON	13	13	19.1	344	74561	364900	762806	31544	1937	1.1	
25932	VA	HAMPTON-NORFOLK	15	16	950	361	33525	364831	763013	33081	2003	0	
4688	VA	HARRISONBURG	3	49	65	638	.....	383605	783757	15007	441	6.9	
73988	VA	LYNCHBURG	13	13	19.6	568	74507	371854	793806	34552	1169	1.1	
24812	VA	LYNCHBURG	21	20	400	500	39495	371914	793758	27193	972	3.4	
74091	VA	MANASSAS	66	34	1000	254	72356	385701	770447	10458	3141	34.3	
5982	VA	MARION	52	42	100	448	.....	365407	813232	17079	494	1.1	
40759	VA	NORFOLK	33	33	905	361	74538	364831	763013	26943	1894	0	
47401	VA	NORFOLK	3	40	950	377	.....	364831	763013	33295	2003	0	
67077	VA	NORFOLK	49	46	1000	360	19107	364831	763013	27594	1786	0.2	

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5985	VA	NORTON	47	32	100	591			365353	823721	27184	974	0.1
74416	VA	PETERSBURG	8	22	450	328			373045	773605	28598	1526	0
71127	VA	PORTSMOUTH	10	31	1000	280			364914	763041	28778	1917	0
9762	VA	PORTSMOUTH	27	50	800	264			364843	762745	23806	1762	0
30833	VA	RICHMOND	12	12	5.41	241	74618		373023	773012	21438	1277	2.4
57832	VA	RICHMOND	6	25	410	347			373045	773605	28828	1531	0
412	VA	RICHMOND	35	26	800	328			373045	773605	30742	1594	1.4
9987	VA	RICHMOND	23	42	160	346			373045	773604	22009	1323	2.3
9989	VA	RICHMOND	57	44	100	328			373045	773605	20348	1242	0
5981	VA	ROANOKE	15	3	7.25	618	39733		371146	800917	42351	1469	0
24813	VA	ROANOKE	27	17	400	594	29905		371146	800916	28254	1105	5.2
71329	VA	ROANOKE	7	18	605	610	74951		371142	800922	37968	1316	1.3
57840	VA	ROANOKE	10	30	950	592	69296		371203	800854	31210	1162	4
70251	VA	ROANOKE	38	36	700	623	27852		371137	800925	28663	1055	1.3
60111	VA	STAUNTON	51	11	3.2	680	31834		380954	791851	19643	552	5.6
82574	VA	VIRGINIA BEACH	21	7	4.86	310	75265		364831	763012	19356	1714	0.1
65387	VA	VIRGINIA BEACH	43	29	1000	241	30040		364914	763041	21875	1737	0
11259	VT	BURLINGTON	22	13	10	852	60531		443133	724858	32388	586	0.3
46728	VT	BURLINGTON	3	22	444	835	80197		443136	724857	42718	620	0.4
69944	VT	BURLINGTON	33	32	200	826			443132	724851	34750	567	0
10132	VT	BURLINGTON	44	43	47	839	71757		443133	724857	24761	479	0.8
73344	VT	HARTFORD	31	25	117	651	43680		432615	722708	21850	616	0.3
69946	VT	RUTLAND	28	9	15	385	67939		433931	730625	21748	544	2.8
69940	VT	ST. JOHNSBURY	20	18	200	592			443416	715339	26170	300	1.2
69943	VT	WINDSOR	41	24	200	693			432614	722707	30172	1183	0.5
56852	WA	BELLEVUE	33	33	179	716	80219		473017	1215803	26579	3579	0
4624	WA	BELLEVUE	51	50	240	719	17552		473017	1215804	28362	3664	0
53586	WA	BELLINGHAM	24	19	165	757	43180		484046	1225031	33673	982	7.4
35862	WA	BELLINGHAM	12	35	612	722	74955		484040	1224948	43278	1644	0
62468	WA	CENTRALIA	15	19	43.7	334			463316	1230326	13904	489	22.8
35396	WA	EVERETT	16	31	700	218	44001		473755	1222059	18375	3525	0
2495	WA	KENNEWICK	42	44	160	390			460611	1190754	23073	373	0
56029	WA	PASCO	19	18	50	366	74956		460551	1191130	20149	362	0
71024	WA	PULLMAN	10	10	6.2	408	74411		465143	1171026	25722	259	0
78921	WA	PULLMAN	24	24	1000	569	66879		473444	1171746	32886	657	0
12427	WA	RICHLAND	25	26	200	411			460612	1190749	26245	384	0
71023	WA	RICHLAND	31	38	47.6	361	60199		460612	1190740	11914	290	0
33749	WA	SEATTLE	9	9	7.49	252	74562		473658	1221828	21801	3579	0
69571	WA	SEATTLE	22	25	1000	290			473657	1221826	27243	3646	0
21656	WA	SEATTLE	4	38	1000	247	74957		473755	1222109	22159	3592	0.1
66781	WA	SEATTLE	7	39	1000	230	65845		473801	1222120	19081	3534	0.1
49264	WA	SEATTLE	45	44	240	714	38740		473017	1215806	25492	3632	0
34847	WA	SEATTLE	5	48	960	239	18954		473755	1222059	18736	3562	0
34537	WA	SPOKANE	6	7	45.1	653	74388		473452	1171747	45079	684	0
61956	WA	SPOKANE	7	8	21.6	558			473434	1171758	36062	666	0.2
61978	WA	SPOKANE	4	13	23.3	936			475518	1170648	46084	655	0.3
34868	WA	SPOKANE	2	20	893	641	64696		473541	1171753	37651	663	0
58684	WA	SPOKANE	28	28	91.4	601	74486		473444	1171746	26401	586	0
81694	WA	SPOKANE	34	34	104	450	74766		473604	1171753	17181	537	0
35606	WA	SPOKANE	22	36	250	622	64693		473541	1171753	20760	538	0
23428	WA	TACOMA	11	11	12.6	276	74526		473655	1221828	20515	3560	0
33894	WA	TACOMA	13	13	22.7	585	74424		473253	1224822	32350	3783	0
67950	WA	TACOMA	20	14	90	473	39524		473250	1224740	22129	3629	0
62469	WA	TACOMA	28	27	47.2	224			471641	1223042	13991	3136	0
35419	WA	TACOMA	56	42	144	695			473017	1215806	29896	3638	0
35460	WA	VANCOUVER	49	30	741	528			453119	1224453	29877	2443	1.4
84238	WA	WALLA WALLA	9	9	45	432			460558	1190740	38298	459	0.1
2506	WA	YAKIMA	35	14	160	293			463157	1203037	15036	248	0.1
12395	WA	YAKIMA	23	16	200	266			463159	1203026	14954	247	0
33752	WA	YAKIMA	47	21	50	280			463158	1203033	11735	236	0
56033	WA	YAKIMA	29	33	50	296	74958		463158	1203033	10949	235	0
86496	WI	ANTIGO		46	50	286	38603		450322	892754	11094	243	0.1
361	WI	APPLETON	32	27	50	336	74693		442130	875848	19462	961	0
2709	WI	CHIPPEWA FALLS	48	49	1000	203			445724	914003	20780	395	0
81503	WI	CRANDON	4	12	3.2	119	74710		453423	885257	11762	86	0.4
77789	WI	EAGLE RIVER	34	28	70	144	67695		454630	891455	12379	92	0.2
7893	WI	EAU CLAIRE	13	13	22.9	607	74548		443951	905741	43031	858	2
64550	WI	EAU CLAIRE	18	15	200	280	67697		444800	912757	19543	336	0.2
60571	WI	FOND DU LAC	68	44	700	195	66227		432620	883129	18054	2137	0.1
4150	WI	GREEN BAY	11	11	17.2	384	75053		442431	875929	31619	1089	2.6
74417	WI	GREEN BAY	2	23	1000	372			442435	880006	35477	1151	0.7
9635	WI	GREEN BAY	5	39	1000	364	68312		442001	875856	30736	1115	1.4
2708	WI	GREEN BAY	26	41	1000	321	27828		442130	875848	26965	1084	0.8
18798	WI	GREEN BAY	38	42	200	375			442434	880006	25059	1041	0.5
26025	WI	JANESVILLE	57	32	200	387	65253		430303	892913	25102	1265	0.3
37104	WI	KENOSHA	55	40	830	358	43896		430544	875417	26695	2947	0.4
74424	WI	LA CROSSE	8	8	20.3	462	74563		440528	912016	35282	714	2.4
64549	WI	LA CROSSE	19	14	250	327			434823	912202	25195	419	0.8
2710	WI	LA CROSSE	25	17	450	349	29449		434815	912220	25884	487	0.7

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			Chan	Chan	ERP (kW)	HAAT (m)	Antenna ID	Latitude (DDMMSS)	Longitude (DDMMSS)	Area (sq km)	Population (thousand)	Percent interference received
18780	WI	LA CROSSE	31	30	308	351		434817	912206	25913	420	0
10221	WI	MADISON	47	11	15	471	30020	430321	893206	29375	1533	4.4
6870	WI	MADISON	15	19	56	387		430303	892913	21196	1026	3.9
6096	WI	MADISON	21	20	100	453		430321	893206	26579	1250	1.2
64545	WI	MADISON	27	26	400	455	33126	430321	893206	30128	1450	1.3
65143	WI	MADISON	3	50	603	466		430321	893206	32793	1639	2.5
68547	WI	MAYVILLE	52	43	300	186		432611	883134	16768	1878	7.9
18793	WI	MENOMONIE	28	27	291	350		450249	915147	26272	743	13.7
42663	WI	MILWAUKEE	10	8	25	354	67092	430546	875415	29509	3035	1.4
74174	WI	MILWAUKEE	18	18	368	302	74698	430544	875417	22781	2496	3.6
72342	WI	MILWAUKEE	30	22	196	297	42943	430544	875417	19180	2440	1.3
71278	WI	MILWAUKEE	24	25	625	340	41342	430544	875417	26207	2873	1.1
74098	WI	MILWAUKEE	4	28	1000	305	74959	430529	875407	30554	2856	4.5
73107	WI	MILWAUKEE	6	33	1000	305	74960	430524	875347	30009	2916	0.6
65680	WI	MILWAUKEE	12	34	863	263	59757	430642	875542	23265	2660	0
42665	WI	MILWAUKEE	36	35	500	355	66933	430546	875415	25395	2769	0.1
71427	WI	MILWAUKEE	58	46	1000	322	32644	430642	875550	27046	2827	1.9
63046	WI	PARK FALLS	36	36	50	445	74583	455643	901628	22223	139	0
68545	WI	RACINE	49	48	176	303	74961	430515	875401	17104	2279	0.1
49699	WI	RHINELANDER	12	16	538	489	28605	454003	891229	38587	375	0
33658	WI	SUPERIOR	6	19	384	312		464721	920650	26329	264	0
73042	WI	SURING	14	21	450	332	43297	442001	875856	20367	938	0.2
6867	WI	WAUSAU	7	7	16.9	369	74555	445514	894131	31741	531	0.1
64546	WI	WAUSAU	9	9	17	369	75014	445514	894131	31158	526	0.8
73036	WI	WAUSAU	20	24	200	387		445514	894128	27230	487	0.4
86204	WI	WITTENBERG	55	50	160	327	74788	450322	892754	18272	378	1.2
37806	WV	BLUEFIELD	40	40	1000	386	74377	371308	811539	24131	705	1.2
74176	WV	BLUEFIELD	6	46	1000	372		371520	811054	25413	700	0.2
417	WV	CHARLESTON	11	19	475	514		382428	815413	37278	1306	0.6
73189	WV	CHARLESTON	29	39	1000	350	40580	382812	814635	25868	924	2
71280	WV	CHARLESTON	8	41	475	514		382428	815413	33607	1168	3.1
10976	WV	CLARKSBURG	46	10	30	235	44599	391802	802037	21897	566	4.9
71220	WV	CLARKSBURG	12	12	11.3	262	80238	391706	801946	22848	585	2
71680	WV	GRANDVIEW	9	10	18.6	305	80261	375346	805921	24852	649	2.1
23342	WV	HUNTINGTON	13	13	16	396	70338	383021	821233	27894	1025	4.7
36912	WV	HUNTINGTON	3	23	724	402		383036	821310	33731	1182	0.6
71657	WV	HUNTINGTON	33	34	63.1	379	74962	382941	821203	16566	734	1.4
74169	WV	LEWISBURG	59	8	3.68	577		374622	804225	26153	590	1.7
23264	WV	MARTINSBURG	60	12	23	314		392727	782252	24936	2480	6.2
71676	WV	MORGANTOWN	24	33	145	457	74963	394145	794545	20788	1370	0.5
66804	WV	OAK HILL	4	50	1000	236	80182	375726	810903	18914	515	1.7
4685	WV	PARKERSBURG	15	49	47.4	193		392059	813356	12781	348	2.2
70592	WV	WESTON	5	5	9.96	253	74344	390429	802528	27452	568	0.5
6869	WV	WHEELING	7	7	15.5	293	74497	400341	804508	25673	2373	0.1
82575	WY	CASPER	6	6	1	536	74715	424426	1062134	20136	70	0
68713	WY	CASPER	13	12	3.2	534	74727	424426	1062134	18050	70	0
63177	WY	CASPER	14	14	53.3	573	74389	424426	1062134	25030	70	0
18286	WY	CASPER	2	17	741	588		424403	1062000	40682	80	0.1
74256	WY	CASPER	20	20	52.4	582	74425	424437	1061831	21652	70	0
18287	WY	CHEYENNE	33	11	16	650	67257	403247	1051150	28369	2763	0
40250	WY	CHEYENNE	27	27	169	232	74478	410255	1045328	13499	438	0
63166	WY	CHEYENNE	5	30	630	189		410601	1050023	18799	415	2.9
1283	WY	JACKSON	2	2	1	293	74378	432742	1104510	17622	31	0
35103	WY	JACKSON	11	11	3.2	327	74724	432742	1104510	10697	22	0
63162	WY	LANDER	5	7	31.7	82	74964	425343	1084334	15754	32	2.8
10036	WY	LANDER	4	8	60	463	74965	423459	1084236	36626	35	0.6
10032	WY	LARAMIE	8	8	3.2	318	74718	411717	1052642	12970	109	0.1
21612	WY	RAWLINS	11	9	3.2	70	74966	414615	1071425	9432	11	0
21613	WY	RIVERTON	10	10	13.9	526	74402	432726	1081202	26335	49	0.1
63170	WY	ROCK SPRINGS	13	13	14.2	495	74448	412621	1090642	33002	43	0
81191	WY	SHERIDAN	7	7	3.2	349	74717	443720	1070657	12316	28	0
17680	WY	SHERIDAN	12	13	50	372		443720	1070657	32735	52	0
51233	GU	AGANA	8	8	3.2	282		132553	-1444236			
25511	GU	AGANA	12	12	38.9	75		132613	-1444817			
29232	GU	TAMUNING	14	14	50	1		133009	-1444817			
3255	PR	AGUADA	50	50	50	343	74700	181907	671048	13079	862	2.3
71725	PR	AGUADILLA	12	12	7.31	665	74705	180900	665900	35964	1570	1.9
61573	PR	AGUADILLA	44	17	50	372	74920	181906	671042	17140	918	2.5
26602	PR	AGUADILLA	32	34	250	605		180906	665923	35049	1393	6.6
26676	PR	ARECIBO	60	14	50	833	80214	180917	663316	23099	2851	9.4
3001	PR	ARECIBO	54	46	50	600	74610	181406	664536	16621	2420	5.7
4110	PR	BAYAMON	36	30	50	329	74691	181640	660638	14518	2514	0.5
19777	PR	CAGUAS	11	11	3.2	357	74649	181654	660646	16753	2655	0.1
8156	PR	CAGUAS	58	48	50	329	74666	181640	660638	12923	2406	2.3
54443	PR	CAROLINA	52	51	450	585	32803	181644	655112	30994	2770	0.1
73901	PR	FAJARDO	13	13	2.8	863		181836	654741	34770	2702	0.1
2174	PR	FAJARDO	40	16	150	839	58931	181836	654741	30040	2720	3.9
15320	PR	FAJARDO	34	33	50	848	74765	181836	654741	24903	2589	0.2
18410	PR	GUAYAMA	46	45	50	642	74921	181648	655108	23740	2490	0.9



Facility ID	State	City	NTSC		DTV							
			Chan	Chan	ERP (kW)	HAAT (m)	Antenna ID	Latitude (DDMMSS)	Longitude (DDMMSS)	Area (sq km)	Population (thousand)	Percent interference received
67190 ....	PR	HUMACAO .....	68	49	46	623	75154	181644	655110	20292	2501	0.9
60357 ....	PR	MAYAGUEZ .....	16	22	50	338	74738	181851	671124	16336	808	14.3
73336 ....	PR	MAYAGUEZ .....	22	23	400	693	65201	180900	665900	37898	1376	0.9
64865 ....	PR	MAYAGUEZ .....	5	29	1000	607	.....	180902	665920	45696	1574	14.2
53863 ....	PR	MAYAGUEZ .....	3	35	620	674	.....	180900	665900	43682	1920	0.1
19561 ....	PR	NARANJITO .....	64	18	50	142	74703	181734	661602	12482	2515	0.1
60341 ....	PR	PONCE .....	7	7	16.4	826	80207	180917	663316	46704	3722	0
19776 ....	PR	PONCE .....	9	9	3.2	825	74569	181009	663436	28603	3473	0
26681 ....	PR	PONCE .....	14	15	380	839	67269	181010	663436	41336	3364	5.6
58341 ....	PR	PONCE .....	20	19	700	269	65948	180449	664453	24888	1701	0.1
2175 ....	PR	PONCE .....	26	25	200	310	41622	180448	664456	19187	1516	0
29000 ....	PR	PONCE .....	48	47	50	247	74924	180450	664450	11769	1118	0.3
58340 ....	PR	SAN JUAN .....	24	21	1000	564	.....	181645	655114	44300	3102	0.4
52073 ....	PR	SAN JUAN .....	4	27	1000	794	.....	180642	660305	53151	3389	0.5
64983 ....	PR	SAN JUAN .....	2	28	871	861	74925	180654	660310	52474	3313	4
4077 ....	PR	SAN JUAN .....	30	31	75.9	287	.....	181630	660536	15347	2490	0.6
28954 ....	PR	SAN JUAN .....	18	32	3.9	290	65128	181630	660536	7747	2088	6.4
53859 ....	PR	SAN JUAN .....	6	43	791	825	74633	180642	660305	48283	3343	0
58342 ....	PR	SAN SEBASTIAN .....	38	39	700	627	65242	180900	665900	34738	1692	0
39887 ....	PR	YAUCO .....	42	41	185	832	.....	181010	663436	39318	3448	0
3113 ....	VI	CHARLOTTE AMALIE .....	17	17	50	455	.....	182126	645650	24537	104	0.1
83270 ....	VI	CHARLOTTE AMALIE .....	.....	43	1.4	28	.....	182043	645545	1687	0	0
70287 ....	VI	CHARLOTTE AMALIE .....	12	44	30.4	505	75403	182128	645653	18332	11	0
84407 ....	VI	CHRISTIANSTED .....	15	15	50	296	74735	174521	644756	14545	0	0
2370 ....	VI	CHRISTIANSTED .....	8	20	501	292	74953	174521	644756	17484	7	0
83304 ....	VI	CHRISTIANSTED .....	39	23	0.85	130	.....	174440	644340	5461	0	0

**Appendix C—List of Commenters and Reply Commenters**

*Comments (Filed by Jan. 25, 2007)*

1. 54 Broadcasting, Inc.
2. Alabama Educational Television Commission
3. Alaska Broadcasting Company, Inc.
4. The Allen Broadcasting Corp.
5. Amarillo Junior College District
6. Arizona Board of Regents
7. Arkansas Educational Television Commission
8. Association of Federal Communications Consulting Engineers
9. Barrington Bay City License LLC
10. Barrington Peoria License LLC
11. Bluestone License Holdings, Inc.
12. Board of Regents of Oklahoma Colleges/ Roger State University
13. The Board of Trustees of Southern Illinois University
14. Board of Trustees of Northern Michigan University
15. Ronald J. Brey
16. Brazos Valley Public Broadcasting Foundation
17. CBS Corporation
18. Capital Community Broadcasting, Inc.
19. Capital Broadcasting Company, Inc.
20. Christian Faith Broadcast, Inc.
21. Christian Worldview Broadcasting Corporation
22. CMC Puerto Rico License, LLC
23. Collins Broadcasting Company
24. Colorado Public Television
25. Community Television of Southern California—KCET
26. Connecticut Public Broadcasting, Inc.
27. Corridor Television LLP Licensee of KCWX, Fredericksburg, Texas
28. The Curators of the University of Missouri
29. Delta College
30. Dept. of Information Technology and Telecommunication of the City of New York
31. Dispatch Broadcast Group
32. Diversified Broadcasting, Inc.
33. Dominion Broadcasting, Inc.
34. Duluth-Superior Area Educational Television Corporation—WDSE
35. Eastern Illinois University
36. Eastern Television Corporation
37. Educational Broadcasting Foundation, Inc.
38. Ellis Communications KDOC Licensee, Inc.
39. Entravision Holdings, LLC
40. Evangelistic Alaska Missionary Fellowship, Inc.
41. Flathead Adventist Radio, Inc.
42. Florida West Coast Public Broadcasting, Inc.
43. John F. Fleming
44. Florida West Coast Public Broadcasting, Inc.
45. Florida State University
46. Gainesville Channel 61 Associates, Inc.
47. Georgia Public Telecommunications Commission
48. Granite Broadcasting Corporation
49. Grant Educational Foundation, et. al.
50. Gray Television Licensee, Inc.
51. Griffin Tulsa II Licensing, LLC
52. Hearst-Argyle Television, KCWE LMA Inc., and WMOR-TV Company
53. Hoak Media, LLC
54. ICA Broadcasting I, Ltd., Licensee of KOSA-TV
55. International Broadcasting Corporation
56. Jackson Television, LLC
57. KATC Communications, Inc.
58. Ketchikan TV, LLC
59. KEVN, Inc.
60. KM Television of Iowa, LLC, KM Television of Flagstaff, LLC
61. KOB-TV, LLC
62. KOCE-TV Foundation
63. KPAX Communications, Inc.
64. KRTV Communications, Inc.
65. KTVQ Communications, Inc.
66. KVIE, Inc.
67. KVOA Communications, Inc.
68. LIN of Alabama, LLC
69. Malara Broadcast Group, Inc.
70. Maritime Communications/Land Mobile, LLC
71. Mc-Graw Hill Broadcasting Company, Inc.
72. Media General Communications Holdings, LLC
73. Meredith Corporation
74. Mid State Television, Inc.
75. Mission Broadcasting, Inc.
76. Mississippi Authority for Educational Television
77. Mississippi Broadcasting Partners
78. Mitts Telecasting Company
79. Morris Network, Inc.
80. Mt. Mansfield Television, Inc.
81. Mountain Licenses, LP
82. NBC Telemundo License Co.
83. NEPSK, Inc.
84. New Jersey Public Broadcasting Authority
85. New York Times Management Services
86. Newport License Holdings, Inc.
87. Newschannel 5 Network, L.P.
88. Nexstar Broadcasting, Inc.
89. Northern California Public Television
90. Northern California Public Broadcasting Inc.—KQED
91. Oral Roberts University
92. Pappas Entities
93. Pappas Telecasting of America & South Central Communications Corporation
94. Parker Broadcasting, Inc.
95. Paxson Communications License Company, LLC
96. Paxson Denver License, Inc.
97. Paxson Hartford License, Inc.
98. Paxson Jax License, Inc.
99. Paxson Kansas City License, Inc.
100. The Pennsylvania State University

- 101. Piedmont Television of Huntsville License, LLC and Huntsville Broadcasting Corporation
- 102. Piedmont Television of Macon License, LLC
- 103. Piedmont Television of Monroe/El Dorado License LLC
- 104. Prime Time Christian Broadcasting, Inc.
- 105. The PSC Liquidating Trust
- 106. Puerto Rico Public Broadcasting Corporation
- 107. Ramar Communications II, Ltd.
- 108. Raycom TV Broadcasting, Inc.
- 109. Red River Broadcast, LLC
- 110. Red River Broadcast Co., LLC—KBRR
- 111. Red River Broadcast Co., LLC—KJRR
- 112. St. Lawrence Valley Educational Television Council, Inc.
- 113. Sangre de Christo Communications, Inc.
- 114. School Board of Broward County, Florida
- 115. Larry L. Schrecongost
- 116. Scripps Howard Broadcasting Company—KNXV—DT
- 117. Scripps Howard Broadcasting Company—WCPO—DT
- 118. Siete Grande Television, Inc.
- 119. Sinclair Broadcast Group, Inc.
- 120. Smith Media License Holdings, LLC
- 121. South Carolina Educational Television Commission
- 122. South Dakota Board of Directors for Educational Telecommunications
- 123. Stainless Broadcasting, LP
- 124. State Board of Education, State of Idaho
- 125. Sunbeam Television Corporation
- 126. Surtsey Media, LLC
- 127. Tanana Valley Television Company
- 128. Television Capital Corporation of Mobile
- 129. University of Houston System
- 130. The University of North Carolina
- 131. Thomas Broadcasting Company
- 132. Trinity Christian Center of Santa Ana, Inc., et. Al. (Supplement to Comment)
- 133. Twin Cities Public Television, Inc.
- 134. University of Alaska
- 135. University of New Hampshire
- 136. Univision Communications, Inc.
- 137. Virgin Islands Public Television System
- 138. WHDH—TV
- 139. WLEX Communications, LLC
- 140. WMHT Educational Telecommunications

- 141. WMYT—TV, Inc.
- 142. WNYT—TV, LLC
- 143. WQED Multimedia
- 144. WVVA Television, Inc.
- 145. Waitt Broadcasting, Inc.
- 146. The Walt Disney Company
- 147. Washburn University of Topeka
- 148. West Virginia Educational Broadcasting Authority
- 149. West Virginia Media Holdings, LLC
- 150. Western Kentucky University
- 151. Woods Communications Corporation
- 152. Young Broadcasting, Inc.

*Reply Comments (Filed by Feb. 26, 2007)*

- 1. Association for Maximum Service Television, Inc.
- 2. Ronald J. Brey
- 3. CBS Corporation
- 4. Capital Broadcasting Company, Inc.
- 5. Cohen, Dippell and Everist, P.C. (Some appear to be filed as late comments)
- 6. Concilio Mision Cristiana Fuente De Agua Viva, Inc. (written as comment)
- 7. Connecticut Public Broadcasting, Inc.
- 8. Davis Television Clarksburg, LLC
- 9. Ebenezer Broadcasting Group, Inc. (written as comment)
- 10. Florida West Coast Public Broadcasting, Inc.
- 11. Gilmore Broadcasting Corporation
- 12. KPAX Communications, Inc.
- 13. Larry L. Schrecongost
- 14. McGraw Hill Broadcasting Company, Inc.
- 15. Midwest Television, Inc.
- 16. Nexstar Broadcasting, Inc.
- 17. Paging Systems, Inc.
- 18. Quincy Broadcasting Company (filed jointly with WREX Television, LLC)
- 19. Smith Media License Holdings, LLC
- 20. Southern Broadcasting, Inc. (resubmitting comments they stated were filed January 25, 2007)
- 21. WSJV Television, Inc.
- 22. WVVA Television, Inc.
- 23. The Walt Disney Company

*Late-filed Ex Parte Comments (Filed After Feb. 26, 2007)*

- 1. Alamo Public Telecommunications Council
- 2. The Board of Trustees of the University of Alabama

- 3. CBS Corporation (Supplemental comments)
- 4. Community Television of Southern California—KCET (response to Reply comments)
- 5. Corridor Television LLP Licensee of KCWX, Fredericksburg, Texas (supplemental)
- 6. Davis Television Clarksburg, LLC
- 7. Gray Television, Inc.
- 8. Fox Television Stations, Inc.
- 9. Fox Television Stations of Philadelphia, Inc.
- 10. Georgia Public Telecommunications Commission (supplemental)
- 11. Idaho Independent Television, Inc.
- 12. KTBC License, Inc.
- 13. La Cadena Del Milagro, Inc.
- 14. Oklahoma Educational Television Authority
- 15. Oklahoma Land Company LLC
- 16. Richland Reserve, LLC
- 17. Saga Quad States Communications, LLC
- 18. Smith Media License Holdings, LLC (supplement to comment)
- 19. Southern Broadcasting, Inc. (raising new issues)
- 20. Tribune Broadcasting Company

*Ex Parte*

- 1. Association for Maximum Service Television, Inc.
- 2. Association of Public Television Stations, PBS, CPB
- 3. Christian Faith Broadcast, Inc.
- 4. Colorado Public Television
- 5. Corridor Television LLP
- 6. Dispatch Broadcast Group
- 7. Gilmore Broadcasting Corporation
- 8. Gray Television, Inc.
- 9. KTBC License, Inc.
- 10. Mt. Mansfield Television, Inc.
- 11. New America Foundation
- 12. Pacifica Broadcasting Company & Oceania Christian Church
- 13. Sangre de Cristo Communications, Inc.
- 14. Siete Grande Television, Inc.
- 15. Tribune Broadcasting Company
- 16. West Virginia Educational Broadcasting Authority WSJV Television, Inc.

**Appendix D1—Granted Requests for Minor Adjustments**

Call sign	Facility ID #	Community	State	Current NTSC channel	Current DTV channel	Post transition channel
KVEA .....	19783	CORONA .....	CA	52	39	39
KWHY .....	26231	LOS ANGELES .....	CA	22	42	42
KCRA .....	33875	SACRAMENTO .....	CA	3	35	35
KQED .....	35500	SAN FRANCISCO .....	CA	9	30	30
WSCV .....	64971	FORT LAUDERDALE .....	FL	51	52	30
KMEG .....	39665	SIOUX CITY .....	IA	14	39	39
WEEK .....	24801	PEORIA .....	IL	25	57	25
WPTA .....	73905	FORT WAYNE .....	IN	21	24	24
WRTV—DT .....	40877	INDIANAPOLIS .....	IN	6	25	25
WNEM—DT .....	41221	BAY CITY .....	MI	5	22	22
WMYD .....	74211	DETROIT .....	MI	20	21	21
KPXE—DT .....	33337	KANSAS CITY .....	MO	50	51	51
WRAL .....	8688	RALEIGH .....	NC	5	53	48
KSNB .....	21161	SUPERIOR .....	NE	4	34	34
WKBW .....	54176	BUFFALO .....	NY	7	38	38
WTVH .....	74151	SYRACUSE .....	NY	5	47	47
KDOR .....	1005	BARTLESVILLE .....	OK	17	15	17
WPMT .....	10213	YORK .....	PA	43	47	47

Call sign	Facility ID #	Community	State	Current NTSC channel	Current DTV channel	Post transition channel
WQHA .....	3255	AGUADA .....	PR	50	62	50
WATE .....	71082	KNOXVILLE .....	TN	6	26	26
WSLS .....	57840	ROANOKE .....	VA	10	30	30
WBAY .....	74417	GREEN BAY .....	WI	2	23	23

**Appendix D2—Granted Requests for Changes to Certification That Meet the Interference Criteria**

Call sign	Facility ID #	Community	State	Current NTSC channel	Current DTV channel	Post transition channel	File No.
KTVA .....	49632	ANCHORAGE .....	AK	11	28	28	BLCDDT-20061113AAT.
KATN .....	13813	FAIRBANKS .....	AK	2	18	18	BMPCDT-20070222AAL.
KJUD .....	13814	JUNEAU .....	AK	8	11	11	BMCDDT-20070412AAI.
KTOO .....	8651	JUNEAU .....	AK	3	10	10	BLEDT-20040730ABD.
WDHN .....	43846	DOTHAN .....	AL	18	21	21	BMPCDT-20070125ACS.
WTTQ .....	74138	HOMEWOOD .....	AL	21	28	28	BMPCDT-20041104AMB.
WAAY .....	57292	HUNTSVILLE .....	AL	31	32	32	BLCDDT-20050701ABO.
WMPV .....	60827	MOBILE .....	AL	21	20	20	BLCDDT-20060703AAJ.
KTVE .....	35692	EL DORADO .....	AR	10	27	27	BLCDDT-20070105ABH.
KHOG .....	60354	FAYETTEVILLE .....	AR	29	15	15	BLCDDT-20020904AAAX.
KHBS .....	60353	FORT SMITH .....	AR	40	21	21	BLCDDT-20031121AMR.
KARK .....	33440	LITTLE ROCK .....	AR	4	32	32	BLCDDT-20060504ABM.
KCFG .....	35104	FLAGSTAFF .....	AZ	9	32	32	BMPCDT-20060329AJP.
KTAZ .....	81458	PHOENIX .....	AZ	39	39	39	BLCT-20060809ABN.
KUAT .....	2731	TUCSON .....	AZ	6	30	30	BLEDT-20040727ABR.
KDOC .....	24518	ANAHEIM .....	CA	56	32	32	BLCDDT-20060626ACV.
KTNC .....	21533	CONCORD .....	CA	42	63	14	BLCDDT-20060629ABI.
KSEE .....	35594	FRESNO .....	CA	24	38	38	BLCDDT-20050914AAZ.
KBCW-TV .....	69619	SAN FRANCISCO .....	CA	44	45	45	BLCDDT-20020709AAQ.
KREG .....	70578	GLEENWOOD SPRING .....	CO	3	23	23	GLCDDT-20060629AER.
KFQX .....	31597	GRAND JUNCTION .....	CO	4	15	15	BLCDDT-20061020ACO.
KKCO .....	24766	GRAND JUNCTION .....	CO	11	12	12	BLCDDT-20030401ABM.
KREX .....	70596	GRAND JUNCTION .....	CO	5	2	2	BPCDDT-19991029AFS.
KDEN-DT .....	38375	LONGMONT .....	CO	25	29	29	BLCDDT-20060630ACM.
KREY .....	70759	MONTROSE .....	CO	10	13	13	BLCDDT-20060629ACV.
KOAA .....	59014	PUEBLO .....	CO	5	42	42	BPCDDT-19991029AGS.
WHPX-DT .....	51980	NEW LONDON .....	CT	26	34	26	BLCDDT-20060630ABZ.
WPPB .....	51349	BOCA RATON .....	FL	63	40	40	Allotment Facility 122731.
WTGL .....	24582	COCOA .....	FL	52	53	51	BPCDDT-20000428ABS.
WTCE .....	29715	FORT PIERCE .....	FL	21	38	38	BMPEDT-20060125ADR.
WCJB .....	16993	GAINESVILLE .....	FL	20	16	16	BDSTA-20050803ADT.
WGFL .....	7727	HIGH SPRINGS .....	FL	53	28	28	BLCDDT-20060714ABC.
WJEB .....	29719	JACKSONVILLE .....	FL	59	44	44	BLCDDT-20060301ADC.
WMOR .....	53819	LAKELAND .....	FL	32	19	19	BLCDDT-20050726ABO.
WSFL .....	10203	MIAMI .....	FL	39	19	19	BLCDDT-20070124ABF.
WSVN-DT .....	63840	MIAMI .....	FL	7	8	7	BPCDDT-19991101AFH.
WTLH .....	23486	BAINBRIDGE .....	GA	49	50	49	BLCDDT-20061020ACP.
WPXC-DT .....	71236	BRUNSWICK .....	GA	21	24	24	BLCDDT-20060607ABQ.
WELF .....	60825	DALTON .....	GA	23	16	16	BLCDDT-20060301ADC.
WGXA-DT .....	58262	MACON .....	GA	24	16	16	BMPCDT-20070131AIP.
WMGT .....	43847	MACON .....	GA	41	40	40	BLCDDT-20070112AHJ.
KALO .....	51241	HONOLULU .....	HI	38	10	10	Allotment Facility 161807.
KBFD .....	65395	HONOLULU .....	HI	32	33	33	BMPCDT-20070112AGB.
KWKB-TV .....	35096	IOWA CITY .....	IA	20	25	25	BLCDDT-20070130AJQ.
KUID .....	62382	MOSCOW .....	ID	35	12	12	BLEDT-20060804AFK.
WCIA .....	42124	CHAMPAIGN .....	IL	3	48	48	BMPCDT-20050701ACC.
WICD .....	25684	CHAMPAIGN .....	IL	15	41	41	BLCDDT-20050620AAO.
WEIU .....	18301	CHARLESTON .....	IL	51	50	50	BLEDT-20060504AAW.
WUSI .....	4301	OLNEY .....	IL	16	19	19	BLEDT-20060619ABG.
WMBD .....	42121	PEORIA .....	IL	31	30	30	BLCDDT-20061019ADD.
WSJV .....	74007	ELKHART .....	IN	28	58	28	BLCDDT-20060620ABX.
WFFT .....	25040	FORT WAYNE .....	IN	55	36	36	BMPCDT-20070125ACY.
WISE .....	13960	FORT WAYNE .....	IN	33	19	19	BMPCDT-20070123AAR.
WFXW .....	65247	TERRE HAUTE .....	IN	38	39	39	BMPCDT-20070125ACT.
WTWO .....	20426	TERRE HAUTE .....	IN	2	36	36	BMPCDT-20070125ADB.
WLEX-TV .....	73203	LEXINGTON .....	KY	18	39	39	BMPCDT-20050728AOP.
KATC-TV .....	33471	LAFAYETTE .....	LA	3	28	28	BMPCDT-20060906AAW.

Call sign	Facility ID #	Community	State	Current NTSC channel	Current DTV channel	Post transition channel	File No.
KARD	3658	WEST MONROE	LA	14	36	36	BMPCDT-20070125ACR.
WPME	48408	LEWISTON	ME	35	28	35	BLCDT-20060629ABK.
WPXT	53065	PORTLAND	ME	51	43	43	BLCDT-20060714ABB.
WAGM-DT	48305	PRESQUE ISLE	ME	8	16	8	BLCDT-20030807AEX.
KDLH	4691	DULUTH	MN	3	33	33	BMPCDT-20060519AAE.
KTCA	68594	ST. PAUL	MN	2	34	34	BLEDT-20060802AAO.
KODE	18283	JOPLIN	MO	12	43	43	BMPCDT-20070125ACU.
KSNF	67766	JOPLIN	MO	16	46	46	BMPCDT-20070125ACP.
KSFY	3659	SPRINGFIELD	MO	27	28	28	BMPCDT-20070116AAC.
KTAJ	999	ST. JOSEPH	MO	16	21	21	BLCDT-20060703AAK.
WABG-TV	43203	GREENWOOD	MS	6	32	32	BLCDT-20051024ABR.
KSVI	5243	BILLINGS	MT	6	18	18	BPCDT-19991029ACI.
KTVQ	35694	BILLINGS	MT	2	10	10	BLCDT-20060802AYX.
KRTV	35567	GREAT FALLS	MT	3	7	7	BLCDT-20060728AEO.
KHMT	47670	HARDIN	MT	4	22	22	BMPCDT-20070125ACV.
KPAX	35455	MISSOULA	MT	8	7	7	BLCDT-20070209AAZ.
WUND	69292	COLUMBIA	NC	2	20	20	BPEDT-20070112AHT.
KFYR	41427	BISMARCK	ND	5	31	31	BMPCDT-20060629AES.
KVLY	61961	FARO	ND	11	44	44	BMPCDT-20060629AFS.
KXJB	49134	VALLEY CITY	ND	4	38	38	BLCDT-20060831AAM.
KETV	53903	OMAHA	NE	7	20	20	BLCDT-20041222AED.
KPTM	51491	OMAHA	NE	42	43	43	BLCDT-20051107AFO.
KXVO	23277	OMAHA	NE	15	38	15	BLCDT-20060809AFX.
WGTW	7623	BURLINGTON	NJ	48	27	27	BLCDT-20060105AAR.
KOB	35313	ALBUQUERQUE	NM	4	26	26	BLCDT-20051003BQP.
KVCW	10195	LAS VEGAS	NV	33	29	29	BLCDT-20070109AAW.
KVMY	10179	LAS VEGAS	NV	21	22	22	BLCDT-20070109AAU.
WICZ	62210	BINGHAMTON	NY	40	8	8	BLCDT-20060320AFC.
WNYO	67784	BUFFALO	NY	49	34	34	BLCDT-20061207ABR.
WNYE	6048	NEW YORK	NY	25	24	24	BPEDT-20070124AAZ.
WPTZ	57476	NORTH POLE	NY	5	14	14	BLCDT-20070116ACW.
WNPI	62137	NORWOOD	NY	18	23	23	BLEDT-20050715ABZ.
WROC	73964	ROCHESTER	NY	8	45	45	BLCDT-20060418AAA.
WUTR	57837	UTICA	NY	20	30	30	BLCDT-20040217ADC.
WGGN-DT	11027	SANDUSKY	OH	52	42	42	BMPCDT-20000501AIZ.
KRSC-DT	57431	CLAREMORE	OK	35	36	36	BLEDT-20061011AAM.
KTUZ	77480	SHAWNEE	OK	30	29	29	BMPCDT-20060707AFM.
KRCW	10192	SALEM	OR	32	33	33	BMLCDT-20070123ABS.
WTAJ	23341	ALTOONA	PA	10	32	32	BLCDT-20051018ACE.
WOLF	73375	HAZLETON	PA	56	45	45	BLCDT-20050906ACK.
WQMY	52075	WILLIAMSPORT	PA	53	29	29	BPCDT-19980825KJ.
WMEI	26676	ARECIBO	PR	60	61	14	BMPCT-20060614ABI.
WVSN	67190	HUMACAO	PR	68	49	49	BMPCDT-20060719ACQ.
WIPM-DT	53863	MAYAGUEZ	PR	3	35	35	BLEDT-20060627ACQ.
WJWJ-DT	61007	BEAUFORT	SC	16	44	44	BLEDT-20060221AEJ.
WJPM-DT	61008	FLORENCE	SC	33	45	45	BLEDT-20050324ACE.
WNEH-DT	60931	GREENWOOD	SC	38	18	18	BLEDT-20050322AGH.
WMBF-TV	83969	MYRTLE BEACH	SC	32	32	32	BMPCDT-20060829BEG.
WRET-DT	61011	SPARTANBURG	SC	49	43	43	BLEDT-20050324ACD.
KPRY	48660	PIERRE	SD	4	19	19	BLCDT-20021118ABY.
KCSD	60728	SIOUX FALLS	SD	23	24	24	BLEDT-20040112ACM.
KUSD	61072	VERMILLION	SD	2	34	34	BDSTA-20060908ADD.
WDSI	71353	CHATTANOOGA	TN	61	40	40	BMPCDT-20041229AAO.
KRBC	306	ABILENE	TX	9	29	29	BMPCDT-20070125ABY.
KTAB	59988	ABILENE	TX	32	24	24	BMPCDT-20070125ABS.
KAMR	8523	AMARILLO	TX	4	19	19	BMPCDT-20070125ABO.
KRIS-DT	25559	CORPUS CHRISTI	TX	6	13	13	BLCDT-20060628ABC.
KAMC	40820	LUBBOCK	TX	28	27	27	BMPCDT-20070125ABW.
KJTV-DT	55031	LUBBOCK	TX	34	35	35	BLCDT-20070201BKH.
KLBK	3660	LUBBOCK	TX	13	40	40	BMPCDT-20070125ABT.
KLST	31114	SAN ANGELO	TX	8	11	11	BMPCDT-20070125ACQ.
KSAN	307	SAN ANGELO	TX	3	16	16	BMPCDT-20070125ABX.
KTAL	35648	TEXARKANA	TX	6	15	15	BMPCDT-20070125ABR.
KWBU	6673	WACO	TX	34	20	20	BLEDT-20060622AAS.
KAUZ	6864	WICHITA FALLS	TX	6	22	22	BPCDT-19991028ADQ.
KFDX	65370	WICHITA FALLS	TX	3	28	28	BMPCDT-20070125ABU.
WTJX	70287	CHARLOTTE AMALIE	VI	12	44	44	BPEDT-20060824ADL.
WFFF-DT	10132	BURLINGTON	VT	44	43	43	BPCDT-19991029ABX.
KWPX	56852	BELLEVUE	WA	33	32	33	BLCDT-20060405ACG.
WFRV	9635	GREEN BAY	WI	5	39	39	BLCDT-20051004ABD.
KBJR	33658	SUPERIOR	WI	6	19	19	BMPCDT-20060519AAF.

Call sign	Facility ID #	Community	State	Current NTSC channel	Current DTV channel	Post transition channel	File No.
WVVA-DT .....	74176	BLUEFIELD .....	WV	6	46	46	BLCDDT-20060929AEJ.

**Appendix D3—Granted Requests for Modified Coverage Area**

Call sign	Facility ID #	Community	State	Current NTSC channel	Current DTV channel	Post transition channel
KUAC .....	69315	FAIRBANKS .....	AK	9	24	9
WCIQ .....	711	MOUNT CHEAHA .....	AL	7	56	7
KFMB .....	42122	SAN DIEGO .....	CA	8	55	8
WVAN .....	23947	SAVANNAH .....	GA	9	13	9
WGEM .....	54275	QUINCY .....	IL	10	54	10
WREX .....	73940	ROCKFORD .....	IL	13	54	13
WTHR .....	70162	INDIANAPOLIS .....	IN	13	46	13
KTWU-DT .....	70938	TOPEKA .....	KS	11	23	11
WHDH-TV .....	72145	BOSTON .....	MA	7	42	7
WDSE-TV .....	17726	DULUTH .....	MN	8	38	8
KOMU-DT .....	65583	COLUMBIA .....	MO	8	36	8
KTVM-TV .....	18066	BUTTE .....	MT	6	33	6
KCFW .....	18079	KALISPELL .....	MT	9	38	9
KECI-TV .....	18084	MISSOULA .....	MT	13	40	13
WCTI-DT .....	18334	NEW BERN .....	NC	12	48	12
KJRR .....	55364	JAMESTOWN .....	ND	7	18	7
KMOT .....	41425	MINOT .....	ND	10	58	10
KHAS .....	48003	HASTINGS .....	NE	5	21	5
KNOP .....	49273	NORTH PLATTE .....	NE	2	22	2
WENH-DT .....	69237	DURHAM .....	NH	11	57	11
WPIX .....	73881	NEW YORK .....	NY	11	33	11
WPVI .....	8616	PHILADELPHIA .....	PA	6	64	6
WQED .....	41315	PITTSBURGH .....	PA	13	38	13
WSTE .....	60341	PONCE .....	PR	7	8	7
WTVF .....	36504	NASHVILLE .....	TN	5	56	5
KUHT .....	69269	HOUSTON .....	TX	8	9	8
KOSA .....	6865	ODESSA .....	TX	7	31	7
WCYB-TV .....	2455	BRISTOL .....	VA	5	28	5
WCAX .....	46728	BURLINGTON .....	VT	3	53	22
WBOY .....	71220	CLARKSBURG .....	WV	12	52	12

**Appendix D4—Stations in Border Zones That Must File Post-Transition Applications**

Call sign	Facility ID	Community	State	Current DTV channel	Current NTSC channel	Post transition channel
KTNL .....	60519	SITKA .....	AK	2	13	7
KFTU-TV .....	81441	DOUGLAS .....	AZ	0	3	36
KFPH-TV .....	41517	FLAGSTAFF .....	AZ	27	13	13
KNAZ-TV .....	24749	FLAGSTAFF .....	AZ	22	2	2
KUVE-TV .....	63927	GREEN VALLEY .....	AZ	47	46	46
KDTP .....	83491	HOLBROOK .....	AZ	.....	11	11
KPNX .....	35486	MESA .....	AZ	36	12	12
KAET .....	2728	PHOENIX .....	AZ	29	8	8
KNXV-TV .....	59440	PHOENIX .....	AZ	56	15	15
KSAZ-TV .....	35587	PHOENIX .....	AZ	31	10	10
KTAZ .....	81458	PHOENIX .....	AZ	39	39	39
KTVW-TV .....	35705	PHOENIX .....	AZ	34	33	33
KAZT-TV .....	35811	PRESCOTT .....	AZ	25	7	7
KPPX .....	26655	TOLLESON .....	AZ	52	51	51
KGUN .....	36918	TUCSON .....	AZ	35	9	9
KHRR .....	30601	TUCSON .....	AZ	42	40	40
KYMA .....	74449	YUMA .....	AZ	41	11	11
960919KZ .....	83825	BISHOP .....	CA	.....	20	20
KAJB .....	40517	CALIPATRIA .....	CA	5	54	36
KGMC .....	23302	CLOVIS .....	CA	44	43	43

Call sign	Facility ID	Community	State	Current DTV channel	Current NTSC channel	Post transition channel
KECY-TV	51208	EL CENTRO	CA	48	9	9
KSCI	35608	LONG BEACH	CA	61	18	18
KABC-TV	282	LOS ANGELES	CA	53	7	7
KCAL-TV	21422	LOS ANGELES	CA	43	9	9
KCBS-TV	9628	LOS ANGELES	CA	60	2	43
KCET	13058	LOS ANGELES	CA	59	28	28
KCOP-TV	33742	LOS ANGELES	CA	66	13	13
KMEX-TV	35123	LOS ANGELES	CA	35	34	34
KTTV	22208	LOS ANGELES	CA	65	11	11
KESQ-TV	25577	PALM SPRINGS	CA	52	42	42
KRCA	22161	RIVERSIDE	CA	68	62	45
KFMB-TV	42122	SAN DIEGO	CA	55	8	8
KGTV	40876	SAN DIEGO	CA	25	10	10
WEDW	13594	BRIDGEPORT	CT	52	49	49
WTXX	14050	WATERBURY	CT	12	20	20
WXFT-TV	60539	AURORA	IL	59	60	50
WBBM-TV	9617	CHICAGO	IL	3	2	12
WLS-TV	73226	CHICAGO	IL	52	7	7
WGBO-TV	12498	JOLIET	IL	53	66	38
WCLJ-TV	68007	BLOOMINGTON	IN	56	42	42
WSJV	74007	ELKHART	IN	58	28	28
WTHR	70162	INDIANAPOLIS	IN	46	13	13
WTTK	56526	KOKOMO	IN	54	29	29
WIPB	3646	MUNCIE	IN	52	49	23
WSBT-TV	73983	SOUTH BEND	IN	30	22	22
WHDH-TV	72145	BOSTON	MA	42	7	7
WUTF-TV	60551	MARLBOROUGH	MA	23	66	27
WWDP	23671	NORWELL	MA	52	46	10
WNYA	136751	PITTSFIELD	MA	0	51	13
WGBY-TV	72096	SPRINGFIELD	MA	58	57	22
WGGB-TV	25682	SPRINGFIELD	MA	55	40	40
WHAG-TV	25045	HAGERSTOWN	MD	55	25	26
WJAL	10259	HAGERSTOWN	MD	16	68	39
WGPT	40619	OAKLAND	MD	54	36	36
WCBB	39659	AUGUSTA	ME	17	10	10
WLBZ	39644	BANGOR	ME	25	2	2
WVII-TV	3667	BANGOR	ME	14	7	7
WPME	48408	LEWISTON	ME	28	35	35
WMTW-TV	73288	POLAND SPRING	ME	46	8	8
WAGM-TV	48305	PRESQUE ISLE	ME	16	8	8
WMEM-TV	39662	PRESQUE ISLE	ME	20	10	10
WPFO	84088	WATERVILLE	ME	0	23	23
WBKB-TV	67048	ALPENA	MI	13	11	11
WCML	9917	ALPENA	MI	57	6	24
WPXD	5800	ANN ARBOR	MI	33	31	31
WBSF	82627	BAY CITY	MI	0	46	46
WWTW	26994	CADILLAC	MI	40	9	9
WBKP	76001	CALUMET	MI	11	5	5
WJBK	73123	DETROIT	MI	58	2	7
WKAR-TV	6104	EAST LANSING	MI	55	23	40
WFUM	69273	FLINT	MI	52	28	28
WJRT-TV	21735	FLINT	MI	36	12	12
WZZM-TV	49713	GRAND RAPIDS	MI	39	13	13
WDHS	15498	IRON MOUNTAIN	MI	22	8	8
WBUP	59281	ISHPEMING	MI	0	10	10
WWMT	74195	KALAMAZOO	MI	2	3	2
WLNS-TV	74420	LANSING	MI	59	6	36
WCMW	9913	MANISTEE	MI	58	21	21
WMQF	81448	MARQUETTE	MI	0	19	19
WNMU	4318	MARQUETTE	MI	33	13	13
WCMU-TV	9908	MOUNT PLEASANT	MI	56	14	26
WILX-TV	6863	ONONDAGA	MI	57	10	10
WGTQ	59279	SAULT STE.MARIE	MI	9	8	8
WWUP-TV	26993	SAULT STE.MARIE	MI	49	10	10
WGTU	59280	TRAVERSE CITY	MI	31	29	29
WPBN-TV	21253	TRAVERSE CITY	MI	50	7	7
KCCO-TV	9632	ALEXANDRIA	MN	24	7	7
KSAX	35584	ALEXANDRIA	MN	36	42	42
KAWE	49578	BEMIDJI	MN	18	9	9
KFTC	83714	BEMIDJI	MN	0	26	26
KRII	82698	CHISHOLM	MN	0	11	11
WDIO-TV	71338	DULUTH	MN	43	10	10

Call sign	Facility ID	Community	State	Current DTV channel	Current NTSC channel	Post transition channel
WDSE-TV	17726	DULUTH	MN	38	8	8
WIRT	71336	HIBBING	MN	36	13	13
KARE	23079	MINNEAPOLIS	MN	35	11	11
KMSP-TV	68883	MINNEAPOLIS	MN	26	9	9
KSTC-TV	35843	MINNEAPOLIS	MN	44	45	45
WFTC	11913	MINNEAPOLIS	MN	21	29	29
KSTP-TV	28010	ST. PAUL	MN	50	5	35
KTCI-TV	68597	ST. PAUL	MN	16	17	26
KBRR	55370	THIEF RIVERFALLS	MN	57	10	10
KCCW-TV	9640	WALKER	MN	20	12	12
KBTZ	81438	BUTTE	MT	0	24	24
KTVM	18066	BUTTE	MT	33	6	6
KLMN	81331	GREAT FALLS	MT	0	26	26
KBBJ	83689	HAVRE	MT	0	9	9
KTVH	5290	HELENA	MT	14	12	12
KCFW-TV	18079	KALISPELL	MT	38	9	9
KBAO	84794	LEWISTOWN	MT	0	13	13
KYUS-TV	5237	MILES CITY	MT	13	3	3
KECI-TV	18084	MISSOULA	MT	40	13	13
KMMF	81348	MISSOULA	MT	0	17	17
KTMF	14675	MISSOULA	MT	36	23	23
KUFM-TV	66611	MISSOULA	MT	27	11	11
KNDX	82611	BISMARCK	ND	0	26	26
KXMB-TV	55686	BISMARCK	ND	23	12	12
WDAZ-TV	22124	DEVILS LAKE	ND	59	8	8
KDSE	53329	DICKINSON	ND	20	9	9
KQCD-TV	41430	DICKINSON	ND	18	7	7
KFME	53321	FARGO	ND	23	13	13
KVLY-TV	61961	FARGO	ND	44	11	44
KCPM	86208	GRAND FORKS	ND	0	27	27
KGFE	53320	GRAND FORKS	ND	56	2	15
KJRR	55364	JAMESTOWN	ND	18	7	7
KMCY	22127	MINOT	ND	15	14	14
KMOT	41425	MINOT	ND	58	10	10
KXMC-TV	55685	MINOT	ND	45	13	13
KXND	82615	MINOT	ND	0	24	24
KNRR	55362	PEMBINA	ND	15	12	12
KUMV-TV	41429	WILLISTON	ND	52	8	8
WENH-TV	69237	DURHAM	NH	57	11	11
WMUR-TV	73292	MANCHESTER	NH	59	9	9
WFUT-TV	60555	NEWARK	NJ	53	68	30
WNET	18795	NEWARK	NJ	61	13	13
KOAT-TV	53928	ALBUQUERQUE	NM	21	7	7
KRQE	48575	ALBUQUERQUE	NM	16	13	13
KTEL-TV	83707	CARLSBAD	NM	0	25	25
KUPT	27431	HOBBS	NM	16	29	29
KBIM-TV	48556	ROSWELL	NM	41	10	10
KOBR	62272	ROSWELL	NM	38	8	8
KRPV	53539	ROSWELL	NM	28	27	27
KRWB-TV	84157	ROSWELL	NM	0	21	21
KOBG-TV	85114	SILVER CITY	NM	0	6	12
KOVT	53911	SILVER CITY	NM	12	10	10
WPXJ-TV	2325	BATAVIA	NY	53	51	23
870331LW	72623	BATH	NY	0	14	14
WIVT	11260	BINGHAMTON	NY	4	34	34
WWNY-TV	68851	CARTHAGE	NY	35	7	7
WSKA	78908	CORNING	NY	0	30	30
WYDC	62219	CORNING	NY	50	48	48
WENY-TV	71508	ELMIRA	NY	55	36	36
WETM-TV	60653	ELMIRA	NY	2	18	18
WNYI	34329	ITHACA	NY	0	52	20
WNYB	30303	JAMESTOWN	NY	27	26	26
WABC-TV	1328	NEW YORK	NY	45	7	7
WCBS-TV	9610	NEW YORK	NY	56	2	33
WPIX	73881	NEW YORK	NY	33	11	11
WPXN-TV	73356	NEW YORK	NY	30	31	31
WLNY	73206	RIVERHEAD	NY	57	55	47
WHAM-TV	73371	ROCHESTER	NY	59	13	13
WHEC-TV	70041	ROCHESTER	NY	58	10	10
WRGB	73942	SCHENECTADY	NY	39	6	6
WNGS	9088	SPRINGVILLE	NY	46	67	46
WSPX-TV	64352	SYRACUSE	NY	0	56	15

Call sign	Facility ID	Community	State	Current DTV channel	Current NTSC channel	Post transition channel
WSTM-TV	21252	SYRACUSE	NY	54	3	24
WVPX	70491	AKRON	OH	59	23	23
WNEO	49439	ALLIANCE	OH	46	45	45
WBGU-TV	6568	BOWLING GREEN	OH	56	27	27
WKRC-TV	11289	CINCINNATI	OH	31	12	12
WJW	73150	CLEVELAND	OH	31	8	8
WKYC-TV	73195	CLEVELAND	OH	2	3	17
WTTE	74137	COLUMBUS	OH	36	28	36
WPTD	25067	DAYTON	OH	58	16	16
WBDT	70138	SPRINGFIELD	OH	18	26	26
WTOV-TV	74122	STEBENVILLE	OH	57	9	9
WTOL	13992	TOLEDO	OH	17	11	11
WTVG	74150	TOLEDO	OH	19	13	13
KOAC-TV	50590	CORVALLIS	OR	39	7	7
KFFX-TV	12729	PENDLETON	OR	8	11	11
KGW	34874	PORTLAND	OR	46	8	8
KNMT	47707	PORTLAND	OR	45	24	24
KOPB-TV	50589	PORTLAND	OR	27	10	10
KPTV	50633	PORTLAND	OR	30	12	12
KPXG	5801	SALEM	OR	4	22	22
WLVT-TV	36989	ALLENTOWN	PA	62	39	39
WICU-TV	24970	ERIE	PA	52	12	12
WJET-TV	65749	ERIE	PA	58	24	24
WHP-TV	72313	HARRISBURG	PA	4	21	21
WPCW	69880	JEANNETTE	PA	49	19	11P
WWCP-TV	20295	JOHNSTOWN	PA	29	8	8
WCAU	63153	PHILADELPHIA	PA	67	10	34
WYBE	28480	PHILADELPHIA	PA	34	35	35
WQED	41315	PITTSBURGH	PA	38	13	13
WQEX	41314	PITTSBURGH	PA	26	16	38
WSWB	73374	SCRANTON	PA	31	38	38
WNAC-TV	73311	PROVIDENCE	RI	54	64	12
KTBC	35649	AUSTIN	TX	56	7	7
KNIC-TV	125710	BLANCO	TX	.....	17	18
KZTV	33079	CORPUS CHRISTI	TX	18	10	10
KCOS	19117	EL PASO	TX	30	13	13
KTSM-TV	67760	EL PASO	TX	16	9	9
KVIA-TV	49832	EL PASO	TX	17	7	7
KHOU-TV	34529	HOUSTON	TX	31	11	11
KGNS-TV	10061	LAREDO	TX	15	8	8
KVTV	33078	LAREDO	TX	14	13	13
KCBD	27507	LUBBOCK	TX	9	11	11
KUPB	86263	MIDLAND	TX	0	18	18
KMLM	53541	ODESSA	TX	43	42	42
KOSA-TV	6865	ODESSA	TX	31	7	7
KWES-TV	42007	ODESSA	TX	13	9	9
KWWT	84410	ODESSA	TX	0	30	30
KENS-TV	26304	SAN ANTONIO	TX	55	5	39
KLRN	749	SAN ANTONIO	TX	8	9	9
KSAT-TV	53118	SAN ANTONIO	TX	48	12	12
KWEX-TV	35881	SAN ANTONIO	TX	39	41	41
WOAI-TV	69618	SAN ANTONIO	TX	58	4	48
KPCB	77452	SNYDER	TX	10	17	17
KLTV	68540	TYLER	TX	10	7	7
KPXL	61173	UVALDE	TX	0	26	26
WCAX-TV	46728	BURLINGTON	VT	53	3	22
KWPX	56852	BELLEVUE	WA	32	33	33
KQUP	78921	PULLMAN	WA	0	24	24
KWSU-TV	71024	PULLMAN	WA	17	10	10
KCTS-TV	33749	SEATTLE	WA	41	9	9
KAYU-TV	58684	SPOKANE	WA	30	28	28
KHQ-TV	34537	SPOKANE	WA	15	6	7
KCPQ	33894	TACOMA	WA	18	13	13
KSTW	23428	TACOMA	WA	36	11	11
KPDX	35460	VANCOUVER	WA	48	49	30
KAZW-TV	84238	WALLA WALLA	WA	9	9	9
WBIJ	81503	CRANDON	WI	.....	4	4
WEAU-TV	7893	EAU CLAIRE	WI	39	13	13
WLUK-TV	4150	GREEN BAY	WI	51	11	11
WKBT	74424	LA CROSSE	WI	41	8	8
WLEF-TV	63046	PARK FALLS	WI	47	36	36
WAOW-TV	64546	WAUSAU	WI	29	9	9



Call sign	Facility ID	Community	State	Current DTV channel	Current NTSC channel	Post transition channel
WSAW-TV .....	6867	WAUSAU .....	WI	40	7	7
WFXS .....	86204	WITTENBERG .....	WI	0	55	50
WBOY-TV .....	71220	CLARKSBURG .....	WV	52	12	12
WOWK-TV .....	23342	HUNTINGTON .....	WV	47	13	13
WDTV .....	70592	WESTON .....	WV	6	5	5
WTRF-TV .....	6869	WHEELING .....	WV	32	7	7

**Appendix D5—Granted Requests for Alternative Channel Assignments**

Call sign	Facility ID #	Community	State	Current NTSC channel	Current DTV channel	Current TCD	Post transition channel
KJNP .....	20015	NORTH POLE .....	AK	4	20	4	20
KTNL .....	60519	SITKA .....	AK	13	2	2	7
KETZ .....	92872	EL DORADO .....	AR	.....	12	12	10
KBDI .....	22685	BROOMFIELD .....	CO	12	38	38	13
WBBM-TV .....	9617	CHICAGO .....	IL	2	3	11	12
KFJX .....	83992	PITTSBURG .....	KS	14	0	14	13
WDBD .....	71326	JACKSON .....	MS	40	41	41	40
WFUT .....	60555	NEWARK .....	NJ	68	53	41	30
KNMT .....	47707	PORTLAND .....	OR	24	45	24	45
KEVN .....	34347	RAPID CITY .....	SD	7	18	18	7
960405KF .....	81692	MEMPHIS .....	TN	14	.....	14	23
KLCW .....	77719	WOLFFORTH .....	TX	22	.....	22	43
WOAY .....	66804	OAK HILL .....	WV	4	50	4	50

**Appendix D6—Requests for Changes to Appendix B Antenna Information**

Call sign	Facility ID #	Community	State	Current NTSC channel	Current DTV channel	Post transition channel
KQCA .....	10242	STOCKTON .....	CA	58	46	46
WFGX .....	6554	FORT WALTONBEACH .....	FL	35	50	50
WFSG .....	6093	PANAMA CITY .....	FL	56	38	38
WEAR .....	71363	PENSACOLA .....	FL	3	17	17
WFSU .....	21801	TALLAHASSEE .....	FL	11	32	32
WMUM .....	23935	COCHRAN .....	GA	29	7	7
WKYU .....	71861	BOWLING GREEN .....	KY	24	18	18
WCVB .....	65684	BOSTON .....	MA	5	20	20
KCWE .....	64444	KANSAS CITY .....	MO	29	31	31
WRAZ .....	64611	RALEIGH .....	NC	50	49	49
WXII .....	53921	WINSTON-SALEM .....	NC	12	31	31
KOCT .....	53908	CARLSBAD .....	NM	6	19	19
KOFT .....	53904	FARMINGTON .....	NM	3	8	8
WLWT .....	46979	CINCINNATI .....	OH	5	35	35
WKRN .....	73188	NASHVILLE .....	TN	2	27	27
KACV .....	1236	AMARILLO .....	TX	2	8	8
WRIC .....	74416	PETERSBURG .....	VA	8	22	22

**Appendix D7—Denied Requests From New Applicants**

Call Sign	Facility ID #	Community	State	Current NTSC channel	Current DTV channel
New .....	35855	SACRAMENTO .....	CA	.....	.....
New .....	83711	WEAVERVILLE .....	CA	32	.....
New .....	.....	OWENSBORO .....	KY	48	.....
New .....	169025	KALISPELL .....	MT	.....	46
New .....	.....	TULSA .....	OK	26	.....

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