National Climatic Data Center

DATA DOCUMENTATION

FOR

DATA SET 3638 (DSI-3638)
ASOS/Sounder Processing System Software

September 2, 2003

National Climatic Data Center
151 Patton Ave.
Asheville, NC 28801-5001 USA

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1. <u>**Abstract**</u>: The satellite derived cloud height and amount for the Automated Surface and Observing System (ASOS) for GOES East and GOES West is a processing system incorporating GOES, RGLX forecast output, and surface information to generate remotely sensed cloud parameters every hour for a selected number of surface stations over the contiguous United States of America. The remotely sensed cloud parameters in the form of a report are transmitted on an hourly bases SATEPS Product Server for availability to outside users.

Soundings Overview

The objective of the ASOS Soundings product is to product satellite-derived cloud height and amount for a pre-determined number of surface sites over the contiguous United States.

Surface and forecast data are being transferred at regular intervals from CEMSCS and NCEP servers down to the SATEPS Data Servers. When GOESE-W sounder area files have completed ingesting and decoding they are then sent to the pulled the ASOS/Soundings workstation. Local processing then begins. Preprocessing includes gridding the surface data, saving parameters to a file (GESTEXT & GWSTEXT), and interpolating guess data for a specific time. After this is completed the actual sounding processing takes place. The main retrieval program uses a 5 by 5 field of view, determines the cloud coverage, then, given a clear enough field of view, generates a retrieval. This retrieval is then output to an MD format file. After all processing is complete the soundings are then transferred to the Product Archiving System for archiving.

ASOS Overview

The ASOS satellite cloud information package generates cloud top pressure and effective cloud amount in percent from GOES dwell sounding radiance data, numerical model output (AVNG), hourly surface observations and clear radiance values.

The above output is produced hourly in text report format and is transferred for availability to the NWS and users around the United States and the World. A history of data is maintained in a form of a 10-day rotating MD file archive. In addition to this daily file with the ASOS output combined with the surface observations is generated on the ASOS Soundings Processing system.

The ASOS product runs after the retrievals have been completed. The ASOS processing uses the same area file as the soundings. It also uses similar subroutines as the soundings to determine scan times, cloud coverage, etc. The output derived is cloud cover and cloud height. This information is also written to an MD file. One additional step, however, outputs the cloud information in text format into an hourly and daily file.

2.   <u>**Element Names and Definitions**</u>:

Most data files are stored in directory /home/sdnrE/mcidas/data for GOES East and /home/sndrW/mcidas/data for GOES West on the ASOS/Soundings workstation. This section contains the location of all data files used by the soundings, gradient winds, and ASOS system.

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<div align="center">**ASOS/Soundings Input Files**</div>

The Area files, Model data and SST files utilized to generate the ASOS
Soundings product is also described within this section.

All data files listed below reside in the Soundings/ASOS Workstation directory
/home/sndrE/mcidas/data for GOESE and /home/sndrW/mcidas/data for GOESW.

Area Files:

6320 - SST area file
4885 - Most recently transferred GOES-E sounder area file
                hhmm - Copied area file from 4885 to new area file whose
                    number is of the format hhmm, referring to time of the
                    scan start
8888 - Subsect of `hhmm' for ASOS processing

Grid Files:

4026 - Sorted intermediate forecast grid
4049 - Clear radiances for ASOS
5854 - Height grids (from RFVAY)
5855 - Surface grids (from SFVX)

MD Files:

3855 - SGSS forecast MD file
4045 - GRET retrieval MD file
4049 - GRAD clear radiance MD file
4862 - RSVC surface edited MD file
5942 - ASOS MD file
8826-8836 - Rotating ASOS MD final output file
9995 - GRET holding file for FTP

LW Files:

ALLTEXT   - Holds process specific data for output into VASTEXT file
APJUEIGT   - Temperature eigen vector LW file
APJUEIGW   - Moisture eigen vector LW file
AVGBIAE   - Bias coefficients (output file from BLDMCH)
COVI12WN   - Inverse of correlation matrix
MODELS   - Model data for GOESMDBZ file
SKEDFILE   - Contains all McIDAS-X scheduled jobs
VASTEXT   - Data specific to a given product system run, accessed from
ALLTEXT
BIASAPMY
BUFRTABLEB
BUFRTABLEB_bufr
CFSRGE19
CMNARCDT
COVI00WN
COVI12WN
DAUSAGE
DC*

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```
GESTEXT
goes*.dat
modeldata
MODLIST      Contain the updated list of the AVNG model grid
MODTEMP      Contain the updated list of the AVNG model grid
STATIONS     Contain the list of the station keys
TOPOGMC      - Topography file
TOPOHRES
TOPOLRES
```

Area File

Sounder Data Input is in the format of areas, the most recent GOES E and GOES-W sounder area files are transferred to the ASOS Soundings Processing system.

The first 64 words of the area file contains the directory block for each image. The data in the directory is stored as a 32-bit (4 byte) two's-complement binary integers. Each of the directory's 64 words is described below. Since some of the words are satellite specific, see the McIDAS Programmer Manual for these words.

Word	Value	Description
1		Relative position of the image object in the ADDE dataset
2	4	Image type (currently=4)
3	99	SSEC sensor source number
4	System date	Nominal year ad Julian day of image, yyyyddd
5	System time	Nominal time of the image in hhmmss
6	1	Upper-left image line coordinate
7	1	Upper-left image element coordinate
8		Reserved
9	960	Number of lines in the image
10	2160	Number of data points per line
11	1	Number of bytes per data point
12	1	Line resolution
13	1	Element resolution
14	1	Number of spectral bands
15	0	Length of line prefix
16		SSEC file creation projection number
17		File creation year and Julian day, yyyyddd
18		File creation time, hhmmss
19	1	Spectral band map
20		Image ID number
21- 24		Reserved for sensor-specific data
25- 32		Memo field; 32 ASCII characters
33	501-599	Reserved
34	768	Byte offset to the start of data block
35	256	Byte offset to the start of data block
36		Validity code
37- 44		PDL (program data load); used for pre-GOES-8 satellites
45		Source of band 8; used for GOES AA processing
46		Actual image start year and Julian date, yyyyddd
47		Actual image start time, hhmmss

48	1	Actual image start scan
49		Length of the prefix documentation
50		Length of the prefix calibration
51		Length of the prefix band list
52	TMI	Source type; satellite specific (ASCII)
53	BRIT, RR, CLW	Calibration type; satellite specific (ASCII)
54-59		Reserved
60		Byte offset to supplemental block
61		Number of bytes in the supplemental block
62		Reserved
63		Byte offset to the start of the calibration block
64		Number of comment cards

3. **Start Date**: 19741001

4. **Stop Date**: 19921231

5. **Coverage**: Global

       a. Southernmost Latitude: 90.00 S
       b. Northernmost Latitude: 90.00 N
       c. Westernmost Longitude: 180.00 W
       d. Easternmost Longitude: 180.00 E

6. **How to Order Data**:

       Ask NCDC's Climate services about the cost of obtaining
       this data set.
       Phone: 828-271-4800
       FAX: 828-271-4876
       E-mail: **NCDC.Orders@noaa.gov**

7. **Archiving Data Center**:

       National Climatic Data Center
       Federal Building
       151 Patton Avenue
       Asheville, NC 28801-5001

8. **Technical Contact**:

       National Climatic Data Center
       Federal Building
       151 Patton Avenue
       Asheville, NC 28801-5001
       Phone 828-271-4800

9. **Known Uncorrected Problems**: None

10. **Quality Statement**: None provided with original documentation.

11. **Essential Companion Data Sets**: None

12. <u>References</u>: None

<u>**Appendix A**</u>

Station List

```
AA NZCM    Antartica                 -77.8333 -167.0000   110 TCUS4X SCPXX1 TCUS5X SCPXX2
AA NZCM2   Antartica                 -77.4300 -163.7500   110 TCUS4X SCPXX1 TCUS5X SCPXX2
AB CWVI    Vegreville                 53.6167  112.0333  2096 TCUS43 SCPWR1 TCUS53 SCPWR2
AK BLAIR   Oklahoma                   64.3833  147.7000   730 TCUS44 SCPPR1 TCUS54 SCPPR2
AK EIELS   Fairbanks                  64.6833  147.1167   529 TCUS44 SCPPR1 TCUS54 SCPPR2
AK P0Z0    Deering                    66.0700  162.7200     0 TCUS44 SCPPR1 TCUS54 SCPPR2
AK P9Z1    Klawock                    55.5833  133.0833    49 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PACD    Cold Bay                   55.2208  162.7278    96 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PADE    Deering                    66.0700  162.7200     0 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PADK    Adak                       51.8903  176.6247    14 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PADQ    Kodiak                     57.7511  152.4855   109 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PAGY    Skagway                    59.4667  135.3000    16 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PAKN    King Salmon                58.6836  156.6539    34 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PAKT    Ketchikan                  55.3500  131.7000    95 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PAKV    Kaltag                     64.3242  158.7331   171 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PAKW    Klawock                    55.5761  133.0761    60 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PAMC    McGrath                    62.9561  155.6058   337 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PANC    Anchorage                  61.1697  150.0261   160 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PANN    Annette Island             55.0303  131.5761   112 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PAOM    Nome                       64.5119  165.4356    16 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PAQT    Nuiqsut                    70.2136  150.9883    58 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PASI    Sitka                      57.0667  135.3500    66 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PASY    Eareckson AFS              52.7167 -174.1167    93 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PATO    Portage Glacier            60.7842  148.8461    94 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PAVL    Kivalina                   67.7311  164.5425    11 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PAWI    Wainwright                 70.6386  160.0067    29 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PBET    Bethel                     60.7858  161.8264   128 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PBIG    Delta Junction/Ft. Greely  63.9936  145.6925  1272 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PBRW    Barrow                     71.2842  156.7781    36 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PBTT    Bettles                    66.9161  151.5089   647 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PCDB    Cold Bay                   55.2208  162.7278    96 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PCDV    Cordova                    60.4889  145.4511    60 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PDEE    Deering                    66.0706  162.7583    15 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PEAA    Eagle                      64.7764  141.1606   896 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PENA    Kenai                      60.5797  151.2392    85 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PENN    Nenana                     64.5478  149.0839   358 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PFAI    Fairbanks                  64.8039  147.8761   462 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PGKN    Gulkana                    62.1603  145.4575  1575 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PHNS    Haines                     59.2439  135.5094    19 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PHOM    Homer                      59.6425  151.4872    76 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PILI    Iliamna                    59.7492  154.9092   173 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PJNU    Juneau                     58.3561  134.5625    27 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PKAL    Kaltag                     64.3242  158.7331   171 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PKTN    Ketchikan                  55.3531  131.7225    83 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PKVL    Kivalina                   67.7311  164.5425    11 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PLHD    Anchorage                  61.1781  149.9636    94 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PMCG    McGrath                    62.9561  155.6058   337 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PMRI    Anchorage                  61.2169  149.8550   132 TCUS44 SCPPR1 TCUS54 SCPPR2
AK POME    Nome                       64.5119  165.4356    16 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PORT    Northway                   62.9628  141.9364  1715 TCUS44 SCPPR1 TCUS54 SCPPR2
AK POTZ    Kotzebue                   66.8858  162.6042    17 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PPAQ    Palmer                     61.5961  149.0917   229 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PPBV    St. George Island          56.5769  169.6631   114 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PSCC    Deadhorse                  70.1917  148.4772    76 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PSGY    Skagway                    59.4553  136.3231    24 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PSIT    Sitka                      57.0481  135.3647    48 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PSNP    St. Paul Island            57.1558  170.2208    25 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PSOV    Seldovia                   59.4467  151.7044    34 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PSWD    Seward                     60.1269  149.4186     9 TCUS44 SCPPR1 TCUS54 SCPPR2
AK PTAL    Tanana                     65.1744  152.1069   237 TCUS44 SCPPR1 TCUS54 SCPPR2
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AK  PTKA   Talkeetna                      62.3200   150.0950   351 TCUS44 SCPPR1 TCUS54 SCPPR2
AK  PYAK   Yakutat                        59.5103   139.6628    36 TCUS44 SCPPR1 TCUS54 SCPPR2
AK  YUKON  Yukon                          64.7167   146.5167  1755 TCUS44 SCPPR1 TCUS54 SCPPR2
AL  K79J   Andalusia                      31.3000    86.3833   311 TCUS42 SCPSR1 TCUS52 SCPSR2
AL  KANB   Anniston                       33.5906    85.8475   601 TCUS42 SCPSR1 TCUS52 SCPSR2
AL  KBFM   Mobile                         30.6138    88.0633    66 TCUS42 SCPSR1 TCUS52 SCPSR2
AL  KBHM   Birmingham                     33.5656    86.7450   647 TCUS42 SCPSR1 TCUS52 SCPSR2
AL  KDCU   Decatur                        34.6581    86.9433   580 TCUS42 SCPSR1 TCUS52 SCPSR2
AL  KDHN   Dothan                         31.3183    85.4439   372 TCUS42 SCPSR1 TCUS52 SCPSR2
AL  KEET   Alabaster                      33.1783    86.7817   570 TCUS42 SCPSR1 TCUS52 SCPSR2
AL  KGAD   Gadsen Municipal               33.9727    86.0890   569 TCUS42 SCPSR1 TCUS52 SCPSR2
AL  KGZH   Evergreen                      31.4189    87.0481   256 TCUS42 SCPSR1 TCUS52 SCPSR2
AL  KHSV   Huntsville                     34.6436    86.7856   629 TCUS42 SCPSR1 TCUS52 SCPSR2
AL  KLOR   Ft Rucker                      31.3589    85.7483   308 TCUS42 SCPSR1 TCUS52 SCPSR2
AL  KMGM   Montgomery                     32.3003    86.4061   207 TCUS42 SCPSR1 TCUS52 SCPSR2
AL  KMOB   Mobile                         30.6794    88.2397   223 TCUS42 SCPSR1 TCUS52 SCPSR2
AL  KMSL   Muscle Shoals                  34.7439    87.5994   541 TCUS42 SCPSR1 TCUS52 SCPSR2
AL  KNBJ   Barin                          30.3911    87.6325    46 TCUS42 SCPSR1 TCUS52 SCPSR2
AL  KTCL   Tuscaloosa                     33.2119    87.6158   162 TCUS42 SCPSR1 TCUS52 SCPSR2
AL  KTOI   Troy                           31.8575    86.0108   388 TCUS42 SCPSR1 TCUS52 SCPSR2
AR  KARG   Walnut Ridge                   36.1333    90.9167   272 TCUS42 SCPSR1 TCUS52 SCPSR2
AR  KBPK   Mountain Home                  36.3706    92.4719   921 TCUS42 SCPSR1 TCUS52 SCPSR2
AR  KBVD   Batesville Regional            35.7262    91.6473   464 TCUS42 SCPSR1 TCUS52 SCPSR2
AR  KDEQ   De Queen                       34.0450    94.4014   349 TCUS42 SCPSR1 TCUS52 SCPSR2
AR  KELD   El Dorado                      33.2206    92.8139   266 TCUS42 SCPSR1 TCUS52 SCPSR2
AR  KFLP   Marion County Regional         36.2917    92.5890   719 TCUS42 SCPSR1 TCUS52 SCPSR2
AR  KFSM   Fort Smith                     35.3336    94.3650   462 TCUS42 SCPSR1 TCUS52 SCPSR2
AR  KFYV   Fayetteville                   36.0103    94.1678  1245 TCUS42 SCPSR1 TCUS52 SCPSR2
AR  KHKA   Blytheville                    35.9389    89.8325   257 TCUS42 SCPSR1 TCUS52 SCPSR2
AR  KHOT   Hot Springs                    34.4758    93.1042   533 TCUS42 SCPSR1 TCUS52 SCPSR2
AR  KHRO   Harrison                       36.2661    93.1558  1371 TCUS42 SCPSR1 TCUS52 SCPSR2
AR  KJBR   Jonesboro                      35.8372    90.6431   261 TCUS42 SCPSR1 TCUS52 SCPSR2
AR  KLIT   Little Rock                    34.7267    92.2361   260 TCUS42 SCPSR1 TCUS52 SCPSR2
AR  KLLQ   Monticello                     33.6361    91.7556   275 TCUS42 SCPSR1 TCUS52 SCPSR2
AR  KMWT   Mount Ida                      34.5467    93.5781   702 TCUS42 SCPSR1 TCUS52 SCPSR2
AR  KPBF   Pine Bluff                     34.1800    91.9342   205 TCUS42 SCPSR1 TCUS52 SCPSR2
AR  KRUE   Russellville                   35.2578    93.0947   380 TCUS42 SCPSR1 TCUS52 SCPSR2
AR  KSGT   Stuttgart Municipal            34.6005    91.5745   224 TCUS42 SCPSR1 TCUS52 SCPSR2
AR  KSLG   Smith Field                    36.1907    94.4908  1193 TCUS42 SCPSR1 TCUS52 SCPSR2
AR  KTXK   Texarkana                      33.4561    93.9875   366 TCUS42 SCPSR1 TCUS52 SCPSR2
AR  KVBT   Bentonville                    36.3500    94.2167  1296 TCUS42 SCPSR1 TCUS52 SCPSR2
AZ  K40G   Valle,AZ                       35.6500   112.1300  1829 TCUS43 SCPWR1 TCUS53 SCPWR2
AZ  KCGZ   Casa Grande                    32.9600   111.7700  1462 TCUS43 SCPWR1 TCUS53 SCPWR2
AZ  KCHD   Chanler Municipal Airport      33.1615   111.4867  1243 TCUS43 SCPWR1 TCUS53 SCPWR2
AZ  KDMA   Davis-Monthan AFB, AZ          32.1800   111.8800   824 TCUS43 SCPWR1 TCUS53 SCPWR2
AZ  KDUG   Bisbee Douglas International    31.4700   109.6000  4100 TCUS43 SCPWR1 TCUS53 SCPWR2
AZ  KDVT   Phoenix                        33.6903   112.0656  1456 TCUS43 SCPWR1 TCUS53 SCPWR2
AZ  KFFZ   Mesa Falcon Field, AZ          33.4600   111.7300   424 TCUS43 SCPWR1 TCUS53 SCPWR2
AZ  KFHU   Fort Huachuca,AZ               31.5800   110.3300  1438 TCUS43 SCPWR1 TCUS53 SCPWR2
AZ  KFLG   Flagstaff                      35.1403   111.6722  7001 TCUS43 SCPWR1 TCUS53 SCPWR2
AZ  KGBN   Gila Bend,AZ                   32.8900   112.7200   262 TCUS43 SCPWR1 TCUS53 SCPWR2
AZ  KGCN   Grand Canyon                   35.9461   112.1547  6614 TCUS43 SCPWR1 TCUS53 SCPWR2
AZ  KGEU   Glendale Airport,AZ            33.5300   112.3000   325 TCUS43 SCPWR1 TCUS53 SCPWR2
AZ  KGYR   Goodyear Airport,AZ            33.4200   112.3900   295 TCUS43 SCPWR1 TCUS53 SCPWR2
AZ  KIFP   Bullhead City,AZ               35.1100   114.5000   212 TCUS43 SCPWR1 TCUS53 SCPWR2
AZ  KIGM   Kingman                        35.2578   113.9331  3385 TCUS43 SCPWR1 TCUS53 SCPWR2
AZ  KINW   Winslow                        35.0281   110.7208  4890 TCUS43 SCPWR1 TCUS53 SCPWR2
AZ  KIWA   East Mesa                      33.1900   111.3900   421 TCUS43 SCPWR1 TCUS53 SCPWR2
AZ  KLUF   Luke AFB,AZ                    33.5900   112.3700   332 TCUS43 SCPWR1 TCUS53 SCPWR2
AZ  KNYL   Yuma                           32.6236   113.7639   209 TCUS43 SCPWR1 TCUS53 SCPWR2
AZ  KOLS   Nogales                        31.4208   110.8458  3885 TCUS43 SCPWR1 TCUS53 SCPWR2
AZ  KPGA   Page                           36.9206   111.4481  4290 TCUS43 SCPWR1 TCUS53 SCPWR2
AZ  KPHX   Phoenix                        33.4342   112.0511  1104 TCUS43 SCPWR1 TCUS53 SCPWR2
AZ  KPRC   Prescott                       34.6492   112.4222  5001 TCUS43 SCPWR1 TCUS53 SCPWR2
AZ  KRQE   Window Rock                    35.6575   109.0614  6743 TCUS43 SCPWR1 TCUS53 SCPWR2
AZ  KSAD   Safford                        32.8572   109.6356  3158 TCUS43 SCPWR1 TCUS53 SCPWR2
AZ  KSDL   Scottsdale                     33.6225   111.9083  1467 TCUS43 SCPWR1 TCUS53 SCPWR2
AZ  KSOW   Show Low,AZ                    34.2800   110.0000  1954 TCUS43 SCPWR1 TCUS53 SCPWR2
AZ  KSJN   St. Johns                      34.5183   109.3792  5726 TCUS43 SCPWR1 TCUS53 SCPWR2
AZ  KTUS   Tucson                         32.1314   110.9553  2579 TCUS43 SCPWR1 TCUS53 SCPWR2
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CA EAFB1  Edwards AFB          34.9883  117.8647  2278 TCUS43 SCPWR1 TCUS53 SCPWR2
CA K87Q   Pt. Piedras Blanca   35.6656  121.2847    90 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KAAT   Alturas              41.4914  120.5644  4366 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KACV   Arcata/Eureka        40.9792  124.1058   223 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KAPC   Napa                 38.2075  122.2794    44 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KAVX   Avalon               33.4044  118.4131  1584 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KBFL   Bakersfield          35.4342  119.0544   497 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KBIH   Bishop               37.3711  118.3581  4110 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KBLH   Blythe               33.6186  114.7142   392 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KBLU   Emigrant Gap         39.2761  120.7081  5280 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KBUR   Burbank              34.1997  118.3647   712 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KCCR   Concord              37.9917  122.0519    38 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KCEC   Jack McNamara Field  41.7802  124.2365    57 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KCNO   Chino                33.9756  117.6236   680 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KCQT   Los Angeles          34.0511  118.2353   257 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KCRQ   Carlsbad             33.1300  117.2758   327 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KCZZ   Campo                32.6261  116.4683  2650 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KDAG   Daggett              34.8536  116.7858  1926 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KEED   Needles              34.7700  114.6200   917 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KFAT   Fresno               36.7800  119.7194   343 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KFUL   Fullerton            33.8719  117.9847   118 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KHHR   Hawthorne            33.9236  118.3319    60 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KHJO                        36.3200  119.6300   244 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KHWD   Hayward              37.6608  122.1183    70 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KIPL   Imperial             32.8344  115.5753   -50 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KL39   Romona               33.0375  116.9158  1402 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KLAX   Los Angeles          33.9381  118.3889   152 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KLGB   Long Beach           33.8117  118.1464    35 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KLVK   Livermore            37.6928  121.8144   387 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KMAE   Madera               36.9867  120.1108   255 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KMCE   Merced               37.2831  120.5078   155 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KMHS   Mt. Shasta           41.3158  122.3161  3538 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KMOD   Modesto              37.6242  120.9506    98 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KMRY   Monterey             36.5906  121.8475   217 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KMYF   San Diego            32.8144  117.1364   447 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KMYV   Marysville           39.1000  121.5667    70 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KNFG   San Clemente         33.3047  117.3539    76 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KNID   China Lake           35.6864  117.6900  2238 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KNJK   El Centro            32.8250  115.6606   -43 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KNKX   San Diego            32.8700  117.1300   478 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KNLC   Lemoore              36.3036  119.9381   237 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KNRS   Imperial Beach       32.5631  117.1100    18 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KNSI   San Nicholas Island  33.2347  119.4528   505 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KNTD   Point Mugu           34.1239  119.1217     8 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KNUC   San Clemente         33.0211  118.5811   205 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KNUQ   Mountain View        37.4058  122.0481    65 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KNXP   Twenty Nine Palms    34.2944  116.1450  2058 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KNZY   San Diego            32.6908  117.2089    46 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KO18   Hanford              36.3175  119.6294   244 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KOAK   Oakland              37.7028  122.2186    86 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KOKB   Oceanside            33.2194  117.3494    28 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KONT   Ontario              34.0533  117.5758   902 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KOVE   Oroville             39.4947  121.6203   193 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KOXR   Oxnard               34.2006  119.2031    66 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KPMD   Palmdale             34.6297  118.0814  2560 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KPRB   Paso Robles          35.6697  120.6283   804 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KPSP   Palm Springs         33.8222  116.5036   445 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KRAL   Riverside            33.9514  117.4506   827 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KRBL   Red Bluff            40.1519  122.2536   342 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KRDD   Redding              40.5150  122.2967   511 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KRNM                        33.0300  116.9200  1402 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KSAC   Sacramento           38.5069  121.4950    39 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KSAN   San Diego            32.7336  117.1831    42 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KSBA   Santa Barbara        34.4261  119.8436    10 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KSBP   San Luis Obispo      35.2361  120.6361   194 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KSCK   Stockton             37.8897  121.2236    34 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KSDB   Sandberg             34.7436  118.7244  4517 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KSDM   San Diego            32.5753  116.9931   524 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KSFO   San Francisco        37.6197  122.3647    87 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KSIY   Siskiyou County      41.7700  122.4700  2644 TCUS43 SCPWR1 TCUS53 SCPWR2
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CA KSJC   San Jose                 37.3592  121.9242     82 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KSMF   Sacramento               38.7014  121.5939     20 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KSMO   Santa Monica             34.0136  118.4556    190 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KSMX   Santa Maria              34.8994  120.4486    243 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KSNA   Santa Ana                33.6800  117.8664     50 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KSNS   Salinas                  36.6636  121.6081    101 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KSTS   Santa Rosa               38.5000  122.8167    131 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KTRM   Palm Springs             33.6319  116.1642   -118 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KTVL   South Lake Tahoe         38.8983  119.9947   6314 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KUKI   Ukiah Municipal          39.1260  123.2008    614 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KVCB   Vacaville                38.3778  121.9575    111 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KVNY   Van Nuys                 34.2125  118.4908    804 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KWJF   Lancaster/Fox            34.7300  118.2200   2369 TCUS43 SCPWR1 TCUS53 SCPWR2
CA KWVI   Watsonville              36.9394  121.7889    144 TCUS43 SCPWR1 TCUS53 SCPWR2
CA VAFB1  Lompoc                   34.6361  120.6161    550 TCUS43 SCPWR1 TCUS53 SCPWR2
CA VAFB2  Lompoc                   34.8456  120.5814    550 TCUS43 SCPWR1 TCUS53 SCPWR2
CA VAFB3  Lompoc                   34.7275  120.5783    550 TCUS43 SCPWR1 TCUS53 SCPWR2
CI PLCH   Christmas Island          1.9833  157.4830     10 TCUS44 SCPPR1 TCUS54 SCPPR2
CM PGSN   Saipan                   15.1239 -145.7314    210 TCUS4X SCPXX1 TCUS5X SCPXX2
CO AFAC1  Ellcot                   38.7667  104.3000   6030 TCUS41 SCPCR1 TCUS51 SCPCR2
CO KAKO   Akron                    40.1744  103.2144   4662 TCUS41 SCPCR1 TCUS51 SCPCR2
CO KALS   Alamosa                  37.4389  105.8614   7543 TCUS41 SCPCR1 TCUS51 SCPCR2
CO KAPA   Denver                   39.5639  104.8483   5825 TCUS41 SCPCR1 TCUS51 SCPCR2
CO KASE   Aspen                    39.2289  106.8694   7723 TCUS41 SCPCR1 TCUS51 SCPCR2
CO KCAG   Craig                    40.4933  107.5236   6190 TCUS41 SCPCR1 TCUS51 SCPCR2
CO KCEZ   Cortez                   37.3064  108.6256   5897 TCUS41 SCPCR1 TCUS51 SCPCR2
CO KCOS   Colorado Springs         38.8158  104.7108   6090 TCUS41 SCPCR1 TCUS51 SCPCR2
CO KDEN   Denver                   39.8328  104.6575   5380 TCUS41 SCPCR1 TCUS51 SCPCR2
CO KDRO   Durango                  37.1431  107.7597   6675 TCUS41 SCPCR1 TCUS51 SCPCR2
CO KEEO   Meeker                   40.0422  107.8897   6331 TCUS41 SCPCR1 TCUS51 SCPCR2
CO KEGE   Eagle County Regional    39.6425  106.9177   6535 TCUS41 SCPCR1 TCUS51 SCPCR2
CO KGJT   Grand Junction           39.1339  108.5386   4765 TCUS41 SCPCR1 TCUS51 SCPCR2
CO KGUC   Gunnison County          38.5340  106.9332   7673 TCUS41 SCPCR1 TCUS51 SCPCR2
CO KHDN   Yampa Valley             40.4812  107.2177   6604 TCUS41 SCPCR1 TCUS51 SCPCR2
CO KITR   Burlington               39.2422  102.2828   4196 TCUS41 SCPCR1 TCUS51 SCPCR2
CO KLAA   Lamar                    38.0725  102.6867   3673 TCUS41 SCPCR1 TCUS51 SCPCR2
CO KLHX   La Junta                 38.0494  103.5122   4191 TCUS41 SCPCR1 TCUS51 SCPCR2
CO KLIC   Limon                    39.2733  103.6667   5348 TCUS41 SCPCR1 TCUS51 SCPCR2
CO KLXV   Leadville                39.2281  106.3161   9932 TCUS41 SCPCR1 TCUS51 SCPCR2
CO KMTJ   Montrose                 38.5050  107.8975   5742 TCUS41 SCPCR1 TCUS51 SCPCR2
CO KPUB   Pueblo                   38.2900  104.4983   4658 TCUS41 SCPCR1 TCUS51 SCPCR2
CO KRIL   Rifle                    39.5250  107.7272   5504 TCUS41 SCPCR1 TCUS51 SCPCR2
CO KSPD   Springfield              37.2833  102.6139   4380 TCUS41 SCPCR1 TCUS51 SCPCR2
CO KTAD   Trinidad Stokes          37.2667  104.3333   5760 TCUS41 SCPCR1 TCUS51 SCPCR2
CR LGSA   Souda Bay                35.5333  -24.1500    464 TCUS4X SCPXX1 TCUS5X SCPXX2
CT KBDL   Windsor Locks            41.9381   72.6825    198 TCUS40 SCPER1 TCUS50 SCPER2
CT KBDR   Bridgeport               41.1583   73.1289     26 TCUS40 SCPER1 TCUS50 SCPER2
CT KDXR   Danbury                  41.3717   73.4844    456 TCUS40 SCPER1 TCUS50 SCPER2
CT KGON   Groton/New London        41.3275   72.0494     10 TCUS40 SCPER1 TCUS50 SCPER2
CT KHFD   Hartford                 41.7350   72.6517     16 TCUS40 SCPER1 TCUS50 SCPER2
CT KHVN   New Haven                41.2647   72.8850     12 TCUS40 SCPER1 TCUS50 SCPER2
CT KIJD   Willimantic              41.7419   72.1836    248 TCUS40 SCPER1 TCUS50 SCPER2
CT KMMK   Meriden                  41.5097   72.8278    103 TCUS40 SCPER1 TCUS50 SCPER2
CT KOXC   Waterburt-Oxford         41.4795   73.1353    727 TCUS40 SCPER1 TCUS50 SCPER2
CU MUGM   Guantanamo Bay           19.9083   75.2050     56 TCUS42 SCPSR1 TCUS52 SCPSR2
TCUS62 SCPSR3
DE KEVY   Summit Airpark (Middlwtown) 39.5203 75.7205    71 TCUS40 SCPER1 TCUS50 SCPER2
DE KGED   Georgetown               38.6900   75.3625     64 TCUS40 SCPER1 TCUS50 SCPER2
DE KILG   Wilmington               39.6728   75.6008     93 TCUS40 SCPER1 TCUS50 SCPER2
DG FJDG   Diego Garcia             -7.3206  -72.4217      8 TCUS4X SCPXX1 TCUS5X SCPXX2
FL KTTS   Cape Canaveral AFS       28.4761   80.5761     14 TCUS42 SCPSR1 TCUS52 SCPSR2
FL K40J   Perry-Foley              30.0719   83.5736     44 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KAPF   Naples Municipal         26.1525   81.7755      9 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KAAF   Appalachicola,Florida    29.7333   85.0333     19 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KBKV   Brooksville              28.4736   82.4544     66 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KCEW   Crestview                30.7722   86.5200    183 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KCRG   Jacksonville             30.3361   81.5147     45 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KCTY   Cross City               29.5500   83.1053     42 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KDAB   Daytona Beach            29.1772   81.0600     32 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KDTS   Destin                   30.3933   86.4675     19 TCUS42 SCPSR1 TCUS52 SCPSR2
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FL KEYW   Key West                      24.5536  81.7536    19 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KFLL   Fort Lauderdale               26.0681  80.1525   100 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KFMY   Fort Myers                    26.5842  81.8625    16 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KFPR   Fort Pierce                   27.4981  80.3767    44 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KFXE   Fort Lauderdale               26.2000  80.1833    20 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KGIF   Winter Haven                  28.0606  81.7575   144 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KGNV   Gainesville                   29.6919  82.2756   150 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KHWO   Hollywood                     25.9989  80.2411     8 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KJAX   Jacksonville                  30.4847  81.7019    26 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KLEE   Leesburg                      28.8208  81.8097    78 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KMAI   Marianna                      30.8367  85.1836   107 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KMCO   Orlando                       28.4172  81.3250    96 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KMIA   Miami                         25.7906  80.3164    27 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KMKY   Marco Island                  29.9950  81.6725     6 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KMLB   Melbourne                     28.1133  80.6542    33 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KMTH   Marathon                      24.7258  81.0478     8 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KNAE   Pinecastle                    29.1431  81.6328    98 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KNDZ   Milton                        30.6972  87.0200   205 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KNFJ   Milton                        30.5117  86.9539   125 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KNIP   Jacksonville                  30.2342  81.6747    29 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KNPA   Pensacola                     30.3561  87.3233    33 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KNQX   Key West                      24.5794  81.6839    20 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KNRB   Mayport                       30.3958  81.4225    14 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KNSE   Milton                        30.7333  87.0167   199 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KNZC   Cecil                         30.2122  81.8703    86 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KOCF   Ocala Rgnl/J Taylor Field     29.1727  82.2242    90 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KOPF   Miami                         25.9100  80.2831    53 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KORL   Orlando                       28.5464  81.3358   124 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KPBI   West Palm Beach               26.6847  80.0994    22 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KPFN   Panama City                   30.2075  85.6850    40 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KPGD   Punta Gorda                   26.9178  81.9936    26 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KPIE   St. Petersburg/Clearwater     27.9122  82.6856    16 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KPMP   Pompano Beach                 26.2456  80.1114    21 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KPNS   Pensacola                     30.4781  87.1869   125 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KRSW   Fort Myers                    26.5269  81.7664    30 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KSFB   Orlando/Sanford               28.7800  81.2500    50 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KSGJ   St. Augustine                 29.9667  81.3333    10 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KSPG   St. Petersburg                27.7678  82.6261     7 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KSRQ   Sarasota/Bradenton            27.4014  82.5586    60 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KTLH   Tallahassee                   30.3975  84.3289    55 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KTMB   Miami                         25.6419  80.4347     9 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KTPA   Tampa                         27.9614  82.5403    38 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KVRB   Vero Beach                    27.6550  80.4142    36 TCUS42 SCPSR1 TCUS52 SCPSR2
FL KCOF   Patrick AFB                   28.2333  80.6000    13 TCUS42 SCPSR1 TCUS52 SCPSR2
GA KABY   Albany                        31.5378  84.1939   192 TCUS42 SCPSR1 TCUS52 SCPSR2
GA KAGS   Augusta                       33.3644  81.9633   145 TCUS42 SCPSR1 TCUS52 SCPSR2
GA KAHN   Athens                        33.9508  83.3281   801 TCUS42 SCPSR1 TCUS52 SCPSR2
GA KAMG   Alma                          31.5397  82.5075   194 TCUS42 SCPSR1 TCUS52 SCPSR2
GA KATL   Atlanta                       33.6297  84.4422   972 TCUS42 SCPSR1 TCUS52 SCPSR2
GA KCSG   Columbus                      32.5161  84.9422   446 TCUS42 SCPSR1 TCUS52 SCPSR2
GA KDNL   Augusta                       33.4669  82.0386   427 TCUS42 SCPSR1 TCUS52 SCPSR2
GA KFFC   Peachtree City                33.3636  84.5658   815 TCUS42 SCPSR1 TCUS52 SCPSR2
GA KFTY   Atlanta                       33.7775  84.5244   863 TCUS42 SCPSR1 TCUS52 SCPSR2
GA KGVL   Gainesville                   34.2719  83.8303  1267 TCUS42 SCPSR1 TCUS52 SCPSR2
GA KLZU   Gwinnett Co/Briscoe Field     33.9780  83.9623  1061 TCUS42 SCPSR1 TCUS52 SCPSR2
GA KMCN   Macon                         32.6878  83.6544   358 TCUS42 SCPSR1 TCUS52 SCPSR2
GA KNBQ   Kings Bay                     30.7942  81.5569    36 TCUS42 SCPSR1 TCUS52 SCPSR2
GA KPDK   Atlanta                       33.8783  84.2981   992 TCUS42 SCPSR1 TCUS52 SCPSR2
GA KRMG   Rome                          34.3478  85.1611   635 TCUS42 SCPSR1 TCUS52 SCPSR2
GA KRYY   Cobb County/McCollum Field    34.0132  84.5985  1040 TCUS42 SCPSR1 TCUS52 SCPSR2
GA KSAV   Savannah                      32.1189  81.2022    49 TCUS42 SCPSR1 TCUS52 SCPSR2
GA KSSI   Brunswick                     31.1522  81.3908    21 TCUS42 SCPSR1 TCUS52 SCPSR2
GA KTBR   Statesboro Municipal          32.4832  81.7373   187 TCUS42 SCPSR1 TCUS52 SCPSR2
GA KVLD   Valdosta                      30.7800  83.2700   199 TCUS42 SCPSR1 TCUS52 SCPSR2
GA KVPC   Cartersville                  34.1283  84.8472   731 TCUS42 SCPSR1 TCUS52 SCPSR2
GE GRAF1  Grafenwoehr                   49.7283 -11.7131  1686 TCUS4X SCPXX1 TCUS5X SCPXX2
GE GRAF2  Grafenwoehr                   49.6842 -11.6764  1894 TCUS4X SCPXX1 TCUS5X SCPXX2
GE GRAF3  Grafenwoehr                   49.6353 -11.7608  1350 TCUS4X SCPXX1 TCUS5X SCPXX2
GE GRAF4  Grafenwoehr                   49.4056 -11.9575  1360 TCUS4X SCPXX1 TCUS5X SCPXX2
GU PGUM   Agana, Guam                   13.3500 -144.8000  292 TCUS4X SCPXX1 TCUS5X SCPXX2
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HI PHBK  Kekaha                      22.0364 159.7864    12 TCUS44 SCPPR1 TCUS54 SCPPR2
HI PHHN  Hana                        20.8000 156.0167    75 TCUS44 SCPPR1 TCUS54 SCPPR2
HI PHLU  Kalaupapa                   21.1850 156.9200    10 TCUS44 SCPPR1 TCUS54 SCPPR2
HI PHMK  Molokai Airport             21.1500 157.1000   450 TCUS44 SCPPR1 TCUS54 SCPPR2
HI PHJR  Oahu                        21.3083 158.0681    52 TCUS44 SCPPR1 TCUS54 SCPPR2
HI PHNG  Kaneohe                     21.4539 157.7655     5 TCUS44 SCPPR1 TCUS54 SCPPR2
HI PHNL  Honolulu                    21.3275 157.9431    16 TCUS44 SCPPR1 TCUS54 SCPPR2
HI PHSF  Bradshaw Army Air Field     19.7528 155.5569     0 TCUS44 SCPPR1 TCUS54 SCPPR2
HI PHTO  Hilo                        19.7222 155.0558    41 TCUS44 SCPPR1 TCUS54 SCPPR2
HI PJON  Johnston Island             16.8000 169.5200     7 TCUS44 SCPPR1 TCUS54 SCPPR2
HI PHKO  Kailua/Kona                 19.7408 156.0506    91 TCUS44 SCPPR1 TCUS54 SCPPR2
HI PHLI  Lihue                       21.9839 159.3411   102 TCUS44 SCPPR1 TCUS54 SCPPR2
HI PMDY  Midway                      28.2167 177.3667    13 TCUS44 SCPPR1 TCUS54 SCPPR2
HI PHOG  Kahului                     20.8925 156.4370    42 TCUS44 SCPPR1 TCUS54 SCPPR2
IA KADU  Audobon                     41.7013  94.9205  1287 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KAIO  Atlantic                    41.4073  95.0468  1182 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KALO  Waterloo                    42.5544  92.4011   869 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KAMW  Ames                        41.9906  93.6189   918 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KAWG  Washington                  41.2833  91.6667   754 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KAXA  Algona Municipal            43.0833  94.2667  1220 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KBNW  Boone                       42.0500  93.8500  1161 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KBRL  Burlington                  40.7728  91.1253   694 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KCAV  Clarion                     42.7500  93.7667  1161 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KCBF  Council Bluffs              41.2667  95.7667  1253 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KCCY  Charles City                43.0727  92.6108  1125 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KCID  Cedar Rapids                41.8828  91.7239   868 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KCIN  Carroll                     42.3795  94.7890  1204 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KCNC  Chariton                    41.0333  93.3667  1050 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KCSQ  Creston                     41.0215  94.3633  1294 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KCWI  Clinton Municipal           41.8312  90.3292   708 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KDBQ  Dubuque                     42.3978  90.7036  1070 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KDEH  Decorah                     43.2833  91.7333  1158 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KDNS  Denison                     41.9865  95.3807  1276 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KDSM  Des Moines                  41.5378  93.6661   969 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KDVN  Davenport                   41.6117  90.5808   749 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KEBS  Webster City                42.4365  93.8680  1111 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KEOK  Keokuk                      40.4667  91.4333   672 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KEST  Estherville                 43.4011  94.7472  1317 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KFFL  Fairfield                   41.0533  91.9790   799 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KFOD  Fort Dodge                  42.5515  94.1925  1157 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KFSW  Fort Madison                40.6667  91.3333   725 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KHNR  HARLAN                      41.9900  95.3800   375 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KICL  Clarinda                    40.7227  95.0257   994 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KIKV  Ankeny Regional             41.6922  93.5658   903 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KIOW  Iowa City                   41.6328  91.5431   651 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KLRJ  Lemars                      42.7833  96.2000  1197 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KLWD  Lamoni                      40.6306  93.9008  1135 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KMCW  Mason City                  43.1544  93.3269  1211 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KMIW  Marshalltown                42.1106  92.9161   973 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KMUT  Muscatine                   41.3668  91.1455   547 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KMXO  Monticello                  42.2333  91.1667   850 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KOLZ  Oelwein                     42.6833  91.9667  1076 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KORC  Orange City                 42.9903  96.0628  1414 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KOTM  Ottumwa                     41.1008  92.4444   842 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KOXV  Knoxville                   41.3000  93.1167   928 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KRDK  Red Oak                     41.0167  95.2667  1043 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KSDA  Shenandoah                  40.7515  95.4130   970 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KSHL  Sheldon                     43.2167  95.8333  1417 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KSLB  Storm Lake                  42.6000  95.2333  1489 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KSPW  Spencer                     43.1683  95.2100  1324 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KSUX  Sioux City                  42.3914  96.3792  1110 TCUS41 SCPCR1 TCUS51 SCPCR2
IA KTNU  Newton                      41.6833  93.0167   951 TCUS41 SCPCR1 TCUS51 SCPCR2
IC BIKF  Keflavik                    63.9853  22.6058   225 TCUS4X SCPXX1 TCUS5X SCPXX2
ID KBOI  Boise                       43.5667 116.2406  2872 TCUS43 SCPWR1 TCUS53 SCPWR2
ID KBYI  Burley                      42.5417 113.7661  4149 TCUS43 SCPWR1 TCUS53 SCPWR2
ID KCOE  Coeur D'Alene Air Terminal  47.7742 116.8195  2125 TCUS43 SCPWR1 TCUS53 SCPWR2
ID KIDA  Idaho Falls                 43.5208 112.0661  4766 TCUS43 SCPWR1 TCUS53 SCPWR2
ID KJRE  Jerome                      42.7275 114.4531  4010 TCUS43 SCPWR1 TCUS53 SCPWR2
ID KLLJ  Challis                     44.5228 114.2150  5040 TCUS43 SCPWR1 TCUS53 SCPWR2
ID KLWS  Lewiston                    46.3747 117.0144  1439 TCUS43 SCPWR1 TCUS53 SCPWR2
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ID KMLP   Mullan Pass                  47.4542 115.6697  6074 TCUS43 SCPWR1 TCUS53 SCPWR2
ID KMYL   McCall                       44.8833 116.0994  5030 TCUS43 SCPWR1 TCUS53 SCPWR2
ID KP69   Lowell                       46.1442 115.5964  1480 TCUS43 SCPWR1 TCUS53 SCPWR2
ID KPIH   Pocatello                    42.9203 112.5711  4460 TCUS43 SCPWR1 TCUS53 SCPWR2
ID KRXE   Rexburg                      43.8317 111.8061  4855 TCUS43 SCPWR1 TCUS53 SCPWR2
ID KSMN   Salmon                       45.1167 113.8833  4044 TCUS43 SCPWR1 TCUS53 SCPWR2
ID KSNT   Stanley                      44.1708 114.9272  6495 TCUS43 SCPWR1 TCUS53 SCPWR2
ID KSZT   Sand Point                   48.2967 116.5627  2126 TCUS43 SCPWR1 TCUS53 SCPWR2
ID KTWF   Twin Falls                   42.4786 114.4761  4155 TCUS43 SCPWR1 TCUS53 SCPWR2
IL K1H2   Effingham County Memorial    39.0702  88.5330   585 TCUS41 SCPCR1 TCUS51 SCPCR2
IL KAAA   Logan Co (Lincoln)           40.1585  89.3350   597 TCUS41 SCPCR1 TCUS51 SCPCR2
IL KARR   Chicago/Aurora               41.7700  88.4814   707 TCUS41 SCPCR1 TCUS51 SCPCR2
IL KC09   Morris Muni                  41.4254  88.4187   178 TCUS41 SCPCR1 TCUS51 SCPCR2
IL KC75   Lacon                        41.0019  89.3938   173 TCUS41 SCPCR1 TCUS51 SCPCR2
IL KCMI   Champaign/Urbana             40.0322  88.2733   750 TCUS41 SCPCR1 TCUS51 SCPCR2
IL KCPS   Cahokia/St. Louis            38.5636  90.1481   414 TCUS41 SCPCR1 TCUS51 SCPCR2
IL KDEC   Decatur                      39.8306  88.8553   679 TCUS41 SCPCR1 TCUS51 SCPCR2
IL KDKB   Dekalb Taylor Muni           41.9318  88.7083   279 TCUS41 SCPCR1 TCUS51 SCPCR2
IL KDNV   Vermillion County (Danville) 40.2000  87.6000   695 TCUS41 SCPCR1 TCUS51 SCPCR2
IL KDPA   Chicago/West Chicago         41.8964  88.2511   756 TCUS41 SCPCR1 TCUS51 SCPCR2
IL KENL   Centralia                    38.5148  89.0922   163 TCUS41 SCPCR1 TCUS51 SCPCR2
IL KFEP   Freeport                     42.2462  89.5822   262 TCUS41 SCPCR1 TCUS51 SCPCR2
IL KFOA   Flora                        38.6650  87.6697   199 TCUS41 SCPCR1 TCUS51 SCPCR2
IL KFWC   Fairfield                    38.3787  88.4127   133 TCUS41 SCPCR1 TCUS51 SCPCR2
IL KGBG   Galesburg Municipal          40.9380  90.4312   764 TCUS41 SCPCR1 TCUS51 SCPCR2
IL KIGO   Lansing Muni                 41.5399  87.5321   188 TCUS41 SCPCR1 TCUS51 SCPCR2
IL KIJX   Jacksonville                 39.7743  90.2385   190 TCUS41 SCPCR1 TCUS51 SCPCR2
IL KIKK   Kankakee                     41.0714  87.8462   192 TCUS41 SCPCR1 TCUS51 SCPCR2
IL KJOT   Joliet Regional              41.5180  88.1752   177 TCUS41 SCPCR1 TCUS51 SCPCR2
IL KLOT   Chicago/Romeoville           41.6083  88.0940   205 TCUS41 SCPCR1 TCUS51 SCPCR2
IL KLWV   Lawrenceville                38.7606  87.5989   431 TCUS41 SCPCR1 TCUS51 SCPCR2
IL KMDH   Carbondale/Murphysboro       37.7831  89.2450   428 TCUS41 SCPCR1 TCUS51 SCPCR2
IL KMDW   Chicago                      41.7842  87.7553   618 TCUS41 SCPCR1 TCUS51 SCPCR2
IL KMLI   Moline                       41.4514  90.5147   605 TCUS41 SCPCR1 TCUS51 SCPCR2
IL KMQB   Macomb Municipal             40.5203  90.6525   705 TCUS41 SCPCR1 TCUS51 SCPCR2
IL KMTO   Mattoon/Charleston           39.4744  88.2728   703 TCUS41 SCPCR1 TCUS51 SCPCR2
IL KOLY   Olney-Noble Airport          38.7218  88.1765   482 TCUS41 SCPCR1 TCUS51 SCPCR2
IL KORD   Chicago                      41.9869  87.9317   658 TCUS41 SCPCR1 TCUS51 SCPCR2
IL KPIA   Peoria                       40.6675  89.6839   673 TCUS41 SCPCR1 TCUS51 SCPCR2
IL KPNT   Pontiac Muni                 40.9237  88.6255   201 TCUS41 SCPCr1 TCUS51 SCPCR2
IL KPPQ   Pittsfield                   39.6388  90.7785   217 TCUS41 SCPCR1 TCUS51 SCPCR2
IL KPWK   Chicago/Wheeling             42.1208  87.9047   666 TCUS41 SCPCR1 TCUS51 SCPCR2
IL KRFD   Rockford                     42.1928  89.0933   727 TCUS41 SCPCR1 TCUS51 SCPCR2
IL KRPJ   Rochell Muni Airport         41.8930  89.0783   238 TCUS41 SCPCR1 TCUS51 SCPCR2
IL KSAR   Sparta                       38.1490  89.6987   164 TCUS41 SCPCR1 TCUS51 SCPCR2
IL KSPI   Springfield                  39.8453  89.6839   595 TCUS41 SCPCR1 TCUS51 SCPCR2
IL KSQI   Whiteside County             41.7428  89.6763   647 TCUS41 SCPCR1 TCUS51 SCPCR2
IL KTAZ   Taylorville Municipal        39.5342  89.3278   622 TCUS41 SCPCR1 TCUS51 SCPCR2
IL KTIP   Rantoul                      40.2935  88.1423   225 TCUS41 SCPCR1 TCUS51 SCPCR2
IL KUGN   Chicago/Waukegan             42.4200  87.8700   711 TCUS41 SCPCR1 TCUS51 SCPCR2
IL KUIN   Quincy Muni-Baldwin Field    39.9427  91.1945   769 TCUS41 SCPCR1 TCUS51 SCPCR2
IL KVYS   Peru                         41.3500  89.1500   653 TCUS41 SCPCR1 TCUS51 SCPCR2
IN KAID   Anderson                     40.1086  85.6130   919 TCUS41 SCPCR1 TCUS51 SCPCR2
IN KBMG   Bloomington                  39.1431  86.6167   846 TCUS41 SCPCR1 TCUS51 SCPCR2
IN KEVV   Evansville                   38.0431  87.5203   385 TCUS41 SCPCR1 TCUS51 SCPCR2
IN KEYE   Indianapolis                 39.8250  86.2958   814 TCUS41 SCPCR1 TCUS51 SCPCR2
IN KFWA   Fort Wayne                   40.9728  85.2056   816 TCUS41 SCPCR1 TCUS51 SCPCR2
IN KGEZ   Shelbyville                  39.5856  85.8000   805 TCUS41 SCPCR1 TCUS51 SCPCR2
IN KGSH   Goshen                       41.5261  85.7867   828 TCUS41 SCPCR1 TCUS51 SCPCR2
IN KHNB   Huntingburg                  38.2490  86.9537   529 TCUS41 SCPCR1 TCUS51 SCPCR2
IN KHUF   Terre Haute                  39.4417  87.3253   589 TCUS41 SCPCR1 TCUS51 SCPCR2
IN KIND   Indianapolis                 39.7075  86.2803   796 TCUS41 SCPCR1 TCUS51 SCPCR2
IN KLAF   Lafayette                    40.4125  86.9475   600 TCUS41 SCPCR1 TCUS51 SCPCR2
IN KMIE   Muncie                       40.2342  85.3936   937 TCUS41 SCPCR1 TCUS51 SCPCR2
IN KSBN   South Bend                   41.7072  86.3164   778 TCUS41 SCPCR1 TCUS51 SCPCR2
IN KVPZ   Valparaiso                   41.4531  86.9981   758 TCUS41 SCPCR1 TCUS51 SCPCR2
IT KQNN   Naples                       40.8794 -14.2894   303 TCUS4X SCPXX1 TCUS5X SCPXX2
IT KQNS   Sigonella                    37.4044 -14.9228    74 TCUS4X SCPXX1 TCUS5X SCPXX2
JA FUJI   Camp Fuji                    35.3206 -138.8719    0 TCUS4X SCPXX1 TCUS5X SCPXX2
JA KQTA   Atsugi                       35.4608 -139.4475  207 TCUS4X SCPXX1 TCUS5X SCPXX2
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JA MSWA1  Misawa                      40.8519 -141.3781     17 TCUS4X SCPXX1 TCUS5X SCPXX2
JA RJFW   Sasebo                      33.1458 -129.7222     24 TCUS4X SCPXX1 TCUS5X SCPXX2
JA RJOI   Iwakuni                     34.1347 -132.2308      7 TCUS4X SCPXX1 TCUS5X SCPXX2
JA RJTX   Yokosuka                    35.2925 -139.6822    174 TCUS4X SCPXX1 TCUS5X SCPXX2
JA ZAMA   Camp Zama                   35.5142 -139.3950      0 TCUS4X SCPXX1 TCUS5X SCPXX2
JP KQTA   Atsugi                      35.4500 -139.4667    200 TCUS4X SCPXX1 TCUS5X SCPXX2
KS KAAO   Wichita                     37.7497   97.2189   1425 TCUS41 SCPCR1 TCUS51 SCPCR2
KS KCBK   Colby                       39.4275  101.0465   3186 TCUS41 SCPCR1 TCUS51 SCPCR2
KS KCFV   Coffeyville                 37.0911   95.5664    740 TCUS41 SCPCR1 TCUS51 SCPCR2
KS KCNK   Concordia                   39.5514   97.6506   1469 TCUS41 SCPCR1 TCUS51 SCPCR2
KS KCNU   Chanute                     37.6703   95.4842    976 TCUS41 SCPCR1 TCUS51 SCPCR2
KS KDDC   Dodge City                  37.7608   99.9689   2588 TCUS41 SCPCR1 TCUS51 SCPCR2
KS KEMP   Emporia                     38.3289   96.1939   1204 TCUS41 SCPCR1 TCUS51 SCPCR2
KS KEWK   Newton-City-County          38.0572   97.2752   1533 TCUS41 SCPCR1 TCUS51 SCPCR2
KS KFOE   Topeka                      38.9414   95.6506   1051 TCUS41 SCPCR1 TCUS51 SCPCR2
KS KFRI   Ft Riley                    39.0556   96.7642   1065 TCUS41 SCPCR1 TCUS51 SCPCR2
KS KGBD   Great Bend Municipal        38.3445   98.8592   1887 TCUS41 SCPCR1 TCUS51 SCPCR2
KS KGCK   Garden City                 37.9222  100.7239   2878 TCUS41 SCPCR1 TCUS51 SCPCR2
KS KGLD   Goodland                    39.3669  101.7003   3655 TCUS41 SCPCR1 TCUS51 SCPCR2
KS KHLC   Hill City                   39.3747   99.8297   2196 TCUS41 SCPCR1 TCUS51 SCPCR2
KS KHUT   Hutchinson                  38.0681   97.8606   1533 TCUS41 SCPCR1 TCUS51 SCPCR2
KS KHYS   Hays Municipal              38.8455   99.2743   1998 TCUS41 SCPCR1 TCUS51 SCPCR2
KS KICT   Wichita                     37.6547   97.4428   1339 TCUS41 SCPCR1 TCUS51 SCPCR2
KS KIXD   Olathe                      38.8244   94.8869   1125 TCUS41 SCPCR1 TCUS51 SCPCR2
KS KLBL   Liberal Municipal           37.0442  100.9598   2883 TCUS41 SCPCR1 TCUS51 SCPCR2
KS KLWC   Lawrence                    39.0083   95.2117    831 TCUS41 SCPCR1 TCUS51 SCPCR2
KS KMHK   Manhattan                   39.1353   96.6778   1043 TCUS41 SCPCR1 TCUS51 SCPCR2
KS KOJC   Olathe                      38.8500   94.7392   1070 TCUS41 SCPCR1 TCUS51 SCPCR2
KS KP28   Medicine Lodge              37.2839   98.5528   1540 TCUS41 SCPCR1 TCUS51 SCPCR2
KS KPPF   Parsons                     37.3278   95.5042    899 TCUS41 SCPCR1 TCUS51 SCPCR2
KS KRSL   Russell                     38.8728   98.8131   1863 TCUS41 SCPCR1 TCUS51 SCPCR2
KS KSLN   Salina                      38.7800   97.6442   1264 TCUS41 SCPCR1 TCUS51 SCPCR2
KS KTOP   Topeka                      39.0725   95.6258    881 TCUS41 SCPCR1 TCUS51 SCPCR2
KS KWLD   Winfield/Arkansas City      37.1681   97.0369   1150 TCUS41 SCPCR1 TCUS51 SCPCR2
KY K1A6   Middlesboro                 36.6090   83.7373   1154 TCUS41 SCPCR1 TCUS51 SCPCR2
KY K27K   Scott County/Marshall Field 38.2363   84.4335    946 TCUS41 SCPCR1 TCUS51 SCPCR2
KY K7K0   Pike County                 37.5623   82.5655   1472 TCUS41 SCPCR1 TCUS51 SCPCR2
KY KAAS   Taylor County               37.3583   85.3095    921 TCUS41 SCPCR1 TCUS51 SCPCR2
KY KBWG   Bowling Green               37.9642   86.4239    529 TCUS41 SCPCR1 TCUS51 SCPCR2
KY KCEY   Murray Calloway             36.6657   88.3712    573 TCUS41 SCPCR1 TCUS51 SCPCR2
KY KCVG   Covington/Cincinnati        39.0431   84.6717    885 TCUS41 SCPCR1 TCUS51 SCPCR2
KY KDVK   Goodall Field               37.5765   84.7640    311 TCUS41 SCPCR1 TCUS51 SCPCR2
KY KDWU   Ashland-Boyd County         38.5545   82.7380    547 TCUS41 SCPCR1 TCUS51 SCPCR2
KY KFFT   Frankfort                   38.1847   84.9033    776 TCUS41 SCPCR1 TCUS51 SCPCR2
KY KFGX   Fleming-Mason               38.5418   83.7433    914 TCUS41 SCPCR1 TCUS51 SCPCR2
KY KGLW   Glasgow Municipal           37.0320   86.4193    715 TCUS41 SCPCR1 TCUS51 SCPCR2
KY KIOB   Mt. Sterling                38.0560   83.9780   1020 TCUS41 SCPCR1 TCUS51 SCPCR2
KY KJKL   Noctor                      37.5908   83.3131   1354 TCUS41 SCPCR1 TCUS51 SCPCR2
KY KK22   Big Sandy                   37.7512   82.6368   1222 TCUS41 SCPCR1 TCUS51 SCPCR2
KY KLEX   Lexington                   38.0408   84.6058    987 TCUS41 SCPCR1 TCUS51 SCPCR2
KY KLOU   Louisville                  38.2236   85.6583    540 TCUS41 SCPCR1 TCUS51 SCPCR2
KY KLOZ   London                      37.0894   84.0686   1190 TCUS41 SCPCR1 TCUS51 SCPCR2
KY KPAH   Paducah                     37.0683   88.7719    390 TCUS41 SCPCR1 TCUS51 SCPCR2
KY KSDF   Louisville                  38.1772   85.7297    482 TCUS41 SCPCR1 TCUS51 SCPCR2
KY KSME   Somerset-Pulaski County     38.0000   84.6000    928 TCUS41 SCPCR1 TCUS51 SCPCR2
LA FTPK1  Ft Polk (JTRTC)             31.4050   93.3019    363 TCUS42 SCPSR1 TCUS52 SCPSR2
LA FTPK2  Ft Polk (JTRTC)             31.0967   92.9781    314 TCUS42 SCPSR1 TCUS52 SCPSR2
LA FTPK3  Ft Polk (JTRTC)             31.1217   93.1561    370 TCUS42 SCPSR1 TCUS52 SCPSR2
LA KBVE   Venice                      29.2628   89.3633     13 TCUS42 SCPSR1 TCUS52 SCPSR2
LA KAEX   Alexandria                  31.3347   92.5586     90 TCUS42 SCPSR1 TCUS52 SCPSR2
LA KARA   New Iberia                  30.0289   91.8844     61 TCUS42 SCPSR1 TCUS52 SCPSR2
LA KASD   Slidell                     30.3431   89.8219     27 TCUS42 SCPSR1 TCUS52 SCPSR2
LA KBTR   Baton Rouge                 30.5372   91.1469     70 TCUS42 SCPSR1 TCUS52 SCPSR2
LA KDTN   Shreveport                  32.5425   93.7447    176 TCUS42 SCPSR1 TCUS52 SCPSR2
LA KESF   Alexandria                  31.3950   92.2903     95 TCUS42 SCPSR1 TCUS52 SCPSR2
LA KLCH   Lake Charles                30.1253   93.2158     11 TCUS42 SCPSR1 TCUS52 SCPSR2
LA KLFT   Lafayette                   30.2022   91.9931     39 TCUS42 SCPSR1 TCUS52 SCPSR2
LA KMLU   Monroe                      32.5117   92.0314     97 TCUS42 SCPSR1 TCUS52 SCPSR2
LA KMSY   New Orleans                 29.9928   90.2508     17 TCUS42 SCPSR1 TCUS52 SCPSR2
LA KNBG   New Orleans                 29.8372   90.0244      2 TCUS42 SCPSR1 TCUS52 SCPSR2
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LA KNEW   New Orleans               30.0494  90.0289    10 TCUS42 SCPSR1 TCUS52 SCPSR2
LA KP92   Salt Point                29.5622  91.5256     2 TCUS42 SCPSR1 TCUS52 SCPSR2
LA KPTN   Patterson                 29.7167  91.3333    10 TCUS42 SCPSR1 TCUS52 SCPSR2
LA KSHV   Shreveport                32.4508  93.8414   265 TCUS42 SCPSR1 TCUS52 SCPSR2
LA KTVR   Vicksburg/Tallulah        32.2500  91.0333    75 TCUS42 SCPSR1 TCUS52 SCPSR2
MA KACK   Nantucket                 41.2539  70.0597    55 TCUS40 SCPER1 TCUS50 SCPER2
MA KAQW   North Adams               42.6972  73.1703   660 TCUS40 SCPER1 TCUS50 SCPER2
MA KBAF   Westfield                 42.1597  72.7128   274 TCUS40 SCPER1 TCUS50 SCPER2
MA KBED   Bedford                   42.4683  71.2944   167 TCUS40 SCPER1 TCUS50 SCPER2
MA KBOS   Boston                    42.3606  71.0106   178 TCUS40 SCPER1 TCUS50 SCPER2
MA KBVY   Beverly                   42.5836  70.9164    95 TCUS40 SCPER1 TCUS50 SCPER2
MA KCQX   Chatham                   41.6875  69.9933    63 TCUS40 SCPER1 TCUS50 SCPER2
MA KEWB   New Bedford               41.6753  70.9569    76 TCUS40 SCPER1 TCUS50 SCPER2
MA KFIT   Fitchburg                 42.5519  71.7558   340 TCUS40 SCPER1 TCUS50 SCPER2
MA KHYA   Hyannis                   41.6719  70.2697    73 TCUS40 SCPER1 TCUS50 SCPER2
MA KLWM   Lawrence                  42.7131  71.1258   180 TCUS40 SCPER1 TCUS50 SCPER2
MA KMQE   East Milton               42.2122  71.1147   655 TCUS40 SCPER1 TCUS50 SCPER2
MA KMVY   Vineyard Haven            41.3922  70.6167    54 TCUS40 SCPER1 TCUS50 SCPER2
MA KORE   Orange                    42.5717  72.2775   539 TCUS40 SCPER1 TCUS50 SCPER2
MA KORH   Worcester                 42.2706  71.8731   998 TCUS40 SCPER1 TCUS50 SCPER2
MA KOWD   Norwood                   42.1908  71.1739    65 TCUS40 SCPER1 TCUS50 SCPER2
MA KPSF   Pittsfield                42.4272  73.2892  1167 TCUS40 SCPER1 TCUS50 SCPER2
MA KPVC   Provincetown Municipal    42.0720  70.2213     8 TCUS40 SCPER1 TCUS50 SCPER2
MA KPYM   Plymouth                  41.9086  70.7281   143 TCUS40 SCPER1 TCUS50 SCPER2
MA KTAN   Taunton                   41.8756  71.0211    25 TCUS40 SCPER1 TCUS50 SCPER2
MD KBWI   Baltimore                 39.1667  76.6833   194 TCUS40 SCPER1 TCUS50 SCPER2
MD KCBE   Cumberland Municipal      39.6152  78.7618   776 TCUS40 SCPER1 TCUS50 SCPER2
MD KDMH   Baltimore                 39.2811  76.6100    19 TCUS40 SCPER1 TCUS50 SCPER2
MD KESN   Easton Municipal          38.8042  76.0690    74 TCUS40 SCPER1 TCUS50 SCPER2
MD KHGR   Hagerstown                39.7058  77.7300   735 TCUS40 SCPER1 TCUS50 SCPER2
MD KN80   Ocean City                38.3333  75.0900    13 TCUS40 SCPER1 TCUS50 SCPER2
MD KNAK   Annapolis                 38.9914  76.4833    38 TCUS40 SCPER1 TCUS50 SCPER2
MD KNHK   Patuxent River            38.2786  76.4139    20 TCUS40 SCPER1 TCUS50 SCPER2
MD KNUI   St. Inigoes               38.1489  76.4200    22 TCUS40 SCPER1 TCUS50 SCPER2
MD KOXB   Ocean City                38.3083  75.1239    12 TCUS40 SCPER1 TCUS50 SCPER2
MD KSBY   Salisbury                 38.3392  75.5042    65 TCUS40 SCPER1 TCUS50 SCPER2
ME KAUG   Augusta                   44.3156  69.7972   360 TCUS40 SCPER1 TCUS50 SCPER2
ME KBGR   Bangor                    44.7972  68.8186   188 TCUS40 SCPER1 TCUS50 SCPER2
ME KCAR   Caribou                   46.8672  68.0133   628 TCUS40 SCPER1 TCUS50 SCPER2
ME KFVE   Frenchville               47.2850  68.3072   988 TCUS40 SCPER1 TCUS50 SCPER2
ME KGNR   Greenville                45.4622  69.5953  1004 TCUS40 SCPER1 TCUS50 SCPER2
ME KHUL   Houlton                   46.1189  67.7939   494 TCUS40 SCPER1 TCUS50 SCPER2
ME KIWI   Wiscasset                 43.9636  69.7117    68 TCUS40 SCPER1 TCUS50 SCPER2
ME KIZG   Fryeburg                  43.9892  70.9503   445 TCUS40 SCPER1 TCUS50 SCPER2
ME KMLT   Millinocket               45.6478  68.6919   406 TCUS40 SCPER1 TCUS50 SCPER2
ME KNHZ   Brunswick                 43.9003  69.9350    76 TCUS40 SCPER1 TCUS50 SCPER2
ME KPWM   Portland                  43.6422  70.3044    50 TCUS40 SCPER1 TCUS50 SCPER2
MI KACB   Bellaire (Antrim County)  44.9887  85.1983   623 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KADG   Adrian                    41.8678  84.0794   793 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KAMN   Alma                      43.3200  84.6900   764 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KANJ   Sault Ste Marie           46.4667  84.3667   721 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KAPN   Alpena                    45.0717  83.5644   689 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KARB   Ann Arbor                 42.2239  83.7400   825 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KAZO   Kalamazoo                 42.2292  85.5464   893 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KBAX   Bad Axe                   43.7800  82.9800   766 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KBEH   Benton Harbor             42.1292  86.4222   629 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KBIV   Holland                   42.7461  86.0967   685 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KBTL   Battle Creek              42.3125  85.2408   953 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KCAD   Cadillac (Wexford County) 44.2833  85.4167  1305 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KCIU   Sault Ste. Marie          46.2500  84.4667   800 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KCMX   Hancock                   47.1656  88.4806  1071 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KDET   Detroit                   42.4072  83.0092   626 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KDTW   Detroit                   42.2314  83.3308   641 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KERY   Luce County               46.3167  85.4667   868 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KESU   Delta County              45.7217  87.0945   609 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KFNT   Flint                     42.9667  83.7494   767 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KGLR   Gaylord                   45.0164  84.6889  1336 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KGRR   Grand Rapids              42.8939  85.5447   786 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KHTL   Houghton Lake             44.3511  84.6742  1154 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KIMT   Iron Mountain/Kingsford   45.8142  88.1089  1147 TCUS41 SCPCR1 TCUS51 SCPCR2
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MI KIRS   Sturgis                     41.8100  85.4300   925 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KIWD   Ironwood                    46.5333  90.1333  1230 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KJXN   Jackson                     42.2700  84.4700  1018 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KJYM   Hillsdale                   41.9200  84.5900  1182 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KLAN   Lansing                     42.7803  84.5789   869 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KMBL   Manistee Co/Blacker         44.2732  86.2490   620 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KMBS   Saginaw                     43.5367  84.0806   664 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KMCD   Mackinac Island Airport     45.8650  84.6373   740 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KMKG   Muskegon                    43.1711  86.2367   627 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KMNM   Menominee-Marinette/Twn Cts 45.1267  87.6385   625 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KMQT   Marquette County            46.5340  87.5617  1419 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KOEB   Coldwater                   41.9300  85.0500   959 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KONZ   Grosse Isle                 42.1000  83.1600   591 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KOSC   Oscoda (Oscoda-Wurtsmith)   44.4527  83.3803   634 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KOZW   Howell                      42.6300  83.9800   961 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KP58   Port Hope                   44.0219  82.7931   590 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KP59   Copper Harbor               47.4669  87.8750   626 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KP75   Manistique                  45.9500  86.2297   584 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KPHN   Port Huron                  42.9100  82.5300   650 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KPLN   Pellston                    45.5644  84.7928   713 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KPTK   Pontiac                     42.6631  83.4100   984 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KRMY   Marshall                    42.2500  84.9500   941 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KRQB   Big Rapids                  43.7200  85.5000   990 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KTEW   Mason Jewett                42.5700  84.5000   991 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KTTF   Monroe                      41.9400  83.4300   616 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KTVC   Traverse City               44.7367  85.5700   624 TCUS41 SCPCR1 TCUS51 SCPCR2
MI KYIP   Detroit                     42.2367  83.5261   707 TCUS41 SCPCR1 TCUS51 SCPCR2
MN K85D   Big Fork Municipal          47.7828  93.6502  1348 TCUS41 SCPCR1 TCUS51 SCPCR2
MN K87D   Dodge Center Airport        44.0180  92.8315  1305 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KAEL   Albert Lea Municipal        43.6833  93.3667  1256 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KAIT   Aitkin                      46.5500  93.6833  1204 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KANE   Anoka County-Blaine Airport 45.1500  93.2167   912 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KAQP   Appleton Municipal          45.2275  96.0043  1018 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KAUM   Austin Municipal            43.6667  92.9333  1230 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KAXN   Alexandria                  45.8686  95.3942  1422 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KBBB   Benson Municipal            45.3320  95.6505  1039 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KBDE   Baudette                    48.7267  94.6122  1082 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KBFW   Silver Bay                  47.2490  91.4157  1089 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KBJI   Bemidji-Beltrami County     47.5095  94.9337  1390 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KBRD   Brainerd                    46.4047  94.1308  1223 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KCBG   Cambridge                   45.5667  93.2667   941 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KCDD   Scotts Field (Crane Lake)   48.2665  92.4835  1119 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KCKC   Grand Marais                47.8383  90.3832  1798 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KCKN   Crookston                   47.8500  96.6167   895 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KCOQ   Cloquet-Carlton County      46.7002  92.5055  1279 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KCQM   Cook Municipal              47.8220  92.6895  1324 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KD33   Longville Municipal         46.9917  94.2003  1334 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KDLH   Duluth                      46.8369  92.2097  1427 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KDTL   Detroit Lakes               46.8333  95.8833  1397 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KDYT   Sky Harbor (Duluth)         46.7218  92.0435   610 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KELO   ELY Municipal               47.8248  91.8307  1455 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KETH   Wheaton                     45.7805  96.5435  1026 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KEVM   Eveleth-Virginia Municipal  47.4243  92.4977  1378 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KFBL   Faribault Municipal         44.3333  93.3167  1056 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KFCM   Minneapolis                 44.8322  93.4703   920 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KFFM   Fergus Falls Municipal      46.2843  96.1567  1182 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KFGN   Flag Island                 49.3167  94.9000  1080 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KFRM   Fairmont Municipal          43.6440  94.4157  1162 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KFSE   Fosston                     47.5928  95.7735  1277 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KGHW   Glenwood                    45.6500  95.3167  1394 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KGNA   Grand Marais                47.7472  90.3444   610 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KGPZ   Grand Rapids/Itasca County  47.2112  93.5098  1355 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KHCD   Hallock                     48.7527  96.9417   819 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KHCO   Hutchinson Municipal        48.7833  96.9500   820 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KHIB   Hibbing                     47.3806  92.8322  1353 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KILL   Willmar Municipal           47.1157  95.0888  1127 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KINL   International Falls         48.5619  93.3978  1183 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KJMR   Mora Municipal              45.8862  93.2718  1012 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KJYG   St. James Municipal         43.9857  94.5573  1068 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KLJF   Litchfield Municipal        45.1000  94.5000  1138 TCUS41 SCPCR1 TCUS51 SCPCR2
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MN KLVN   Lakeville (Airlake)           44.6278  93.2282   960 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KLXL   Little Falls-Morrison County  45.9500  94.3500  1122 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KMIC   Minneapolis                   45.0625  93.3508   870 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KMJQ   JacksonN Municipal            43.6500  94.9865  1446 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KMKT   Mankato Municipal             44.2217  93.9187  1020 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KMML   Marshall Municipal-Ryan Fld   44.4500  95.8223  1180 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KMOX   Morris Municipal              45.5667  95.9667  1128 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KMSP   Minneapolis                   44.8831  93.2289   872 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KMVE   Montevideo                    44.9690  95.7103  1034 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KMWM   Windom Municipal              43.9133  95.1093  1410 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KMZH   Carlton County (Moose Lake)   46.4188  92.8047  1076 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KONA   Winona Municipal              44.0833  91.7000   656 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KORB   Orr Regional                  48.0167  92.8667  1302 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KOTG   Worthington Municipal         43.6550  95.5792  1574 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KOWA   Owatonna Municipal            44.1210  93.2557  1148 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KPKD   Park Rapids                   46.9006  95.0678  1451 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KPNM   Princeton Municipal           45.5598  93.6082   978 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KPQN   Pipestone Municipal           43.9833  96.3167  1735 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KPWC   Pine River                    46.7250  94.3837  1295 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KRAD   Warroad                       48.9413  95.3483  1074 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KRGK   Red Wing                      44.5902  92.4862   785 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KROX   Roseau Municipal              48.8560  95.6970  1059 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KRST   Rochester                     43.9042  92.4917  1324 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KRWF   Redwood Falls                 44.5447  95.0806  1021 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KSAZ   Staples Municipal             46.3808  94.8067  1287 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KSGS   South St. Paul                44.8572  93.0328   820 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KSTC   St. Cloud                     45.5447  94.0519  1030 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KSTP   St. Paul                      44.9030  93.0481   719 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KTVF   Thief River Falls Regional    48.0655  96.1833  1116 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KTWM   Two Harbors                   47.0500  91.7500  1076 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KULM   New Ulm Municipal             44.3195  94.5023  1041 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KVVV   Otronville Municipal Airport  45.3057  96.4245  1000 TCUS41 SCPCR1 TCUS51 SCPCR2
MN KY29   Glencoe Municipal Airport     44.7567  94.0825   992 TCUS41 SCPCR1 TCUS51 SCPCR2
MO KAIZ   Lee C. Fine Memorial          38.0960  92.5495   869 TCUS41 SCPCR1 TCUS51 SCPCR2
MO KCDJ   Chillicothe                   39.8233  93.5792   769 TCUS41 SCPCR1 TCUS51 SCPCR2
MO KCGI   Cape Girardeau                37.2256  89.5783   337 TCUS41 SCPCR1 TCUS51 SCPCR2
MO KCOU   Columbia                      38.8169  92.2183   891 TCUS41 SCPCR1 TCUS51 SCPCR2
MO KDMO   Sedalia                       38.7122  93.1744   900 TCUS41 SCPCR1 TCUS51 SCPCR2
MO KIRK   Kirksville                    40.0972  92.5433   962 TCUS41 SCPCR1 TCUS51 SCPCR2
MO KJEF   Jefferson City                38.5944  92.1558   553 TCUS41 SCPCR1 TCUS51 SCPCR2
MO KJLN   Joplin                        37.1561  94.5006   983 TCUS41 SCPCR1 TCUS51 SCPCR2
MO KLXT   Lee's Summit                  38.5759  94.2230  1004 TCUS41 SCPCR1 TCUS51 SCPCR2
MO KM58   Monett Municipal              36.9108  94.0125  1316 TCUS41 SCPCR1 TCUS51 SCPCR2
MO KMCI   Kansas City                   39.2972  94.7306  1050 TCUS41 SCPCR1 TCUS51 SCPCR2
MO KMHL   Marshall Municipal            39.0963  93.2030   779 TCUS41 SCPCR1 TCUS51 SCPCR2
MO KMKC   Kansas City                   39.1208  94.5969   747 TCUS41 SCPCR1 TCUS51 SCPCR2
MO KPOF   Popular Bluff                 36.7706  90.3222   328 TCUS41 SCPCR1 TCUS51 SCPCR2
MO KSET   St. Charles                   38.9306  90.4325   440 TCUS41 SCPCR1 TCUS51 SCPCR2
MO KSGF   Springfield                   37.2353  93.4006  1278 TCUS41 SCPCR1 TCUS51 SCPCR2
MO KSTJ   St. Joseph                    39.7681  94.9092   811 TCUS41 SCPCR1 TCUS51 SCPCR2
MO KSTL   St. Louis                     38.7525  90.3736   562 TCUS41 SCPCR1 TCUS51 SCPCR2
MO KSUS   St. Louis                     38.6572  90.6558   463 TCUS41 SCPCR1 TCUS51 SCPCR2
MO KUNO   West Plains                   36.8792  91.9050  1223 TCUS41 SCPCR1 TCUS51 SCPCR2
MO KVIH   Rolla/Vichy                   38.1319  91.7653  1095 TCUS41 SCPCR1 TCUS51 SCPCR2
MS BIX1   Biloxi                        30.4019  88.9178   750 TCUS42 SCPSR1 TCUS52 SCPSR2
MS BIX2   Biloxi                        30.4094  88.9189    36 TCUS42 SCPSR1 TCUS52 SCPSR2
MS BIX3   Biloxi                        30.4100  88.9192    36 TCUS42 SCPSR1 TCUS52 SCPSR2
MS KGLH   Greenville                    33.4939  90.9811   148 TCUS42 SCPSR1 TCUS52 SCPSR2
MS KGPT   Gulfport                      30.4119  89.0808    49 TCUS42 SCPSR1 TCUS52 SCPSR2
MS KGWO   Greenwood                     33.4925  90.0836   147 TCUS42 SCPSR1 TCUS52 SCPSR2
MS KHBG   Hattiesburg                   31.2694  89.2561   145 TCUS42 SCPSR1 TCUS52 SCPSR2
MS KHEZ   Natches                       31.6167  91.3000   272 TCUS42 SCPSR1 TCUS52 SCPSR2
MS KHKS   Jackson                       32.3372  90.2217   355 TCUS42 SCPSR1 TCUS52 SCPSR2
MS KJAN   Jackson                       32.3178  90.0800   294 TCUS42 SCPSR1 TCUS52 SCPSR2
MS KMCB   McComb                        31.1819  90.4722   408 TCUS42 SCPSR1 TCUS52 SCPSR2
MS KMEI   Meridian                      32.3381  88.7478   293 TCUS42 SCPSR1 TCUS52 SCPSR2
MS KNJW   Meridian Range                32.7942  88.8328   536 TCUS42 SCPSR1 TCUS52 SCPSR2
MS KNMM   Meridian                      32.5464  88.5431   285 TCUS42 SCPSR1 TCUS52 SCPSR2
MS KPIB   Hattiesburg/Laurel            31.4672  89.3370   151 TCUS42 SCPSR1 TCUS52 SCPSR2
MS KPQL   Pascagoula                    30.4636  88.5319    20 TCUS42 SCPSR1 TCUS52 SCPSR2
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MS KTUP  Tupelo                    34.2608   88.7711   347 TCUS42 SCPSR1 TCUS52 SCPSR2
MT KBHK  Baker                     46.3478  104.2575  2961 TCUS43 SCPWR1 TCUS53 SCPWR2
MT KBIL  Billings                  45.8069  108.5422  3580 TCUS43 SCPWR1 TCUS53 SCPWR2
MT KBTM  Butte                     45.9647  112.5006  5537 TCUS43 SCPWR1 TCUS53 SCPWR2
MT KBZN  Bozeman                   45.7881  111.1608  4466 TCUS43 SCPWR1 TCUS53 SCPWR2
MT KCTB  Cut Bank Municipal        48.6083  112.3762  3854 TCUS43 SCPWR1 TCUS53 SCPWR2
MT KDLN  Dillon                    45.2575  112.5544  5219 TCUS43 SCPWR1 TCUS53 SCPWR2
MT KFCA  Kalispell                 48.3042  114.2636  2979 TCUS43 SCPWR1 TCUS53 SCPWR2
MT KGDV  Glendive                  47.1333  104.8000  2457 TCUS43 SCPWR1 TCUS53 SCPWR2
MT KGGW  Glasgow                   48.2064  106.6250  2276 TCUS43 SCPWR1 TCUS53 SCPWR2
MT KGTF  Great Falls               47.4733  111.3822  3671 TCUS43 SCPWR1 TCUS53 SCPWR2
MT KHLN  Helena                    46.6056  111.9636  3895 TCUS43 SCPWR1 TCUS53 SCPWR2
MT KHVR  Havre                     48.5428  109.7633  2582 TCUS43 SCPWR1 TCUS53 SCPWR2
MT KJDN  Jordan                    47.3258  106.9475  2630 TCUS43 SCPWR1 TCUS53 SCPWR2
MT KLVM  Livingston                45.6983  110.4408  4653 TCUS43 SCPWR1 TCUS53 SCPWR2
MT KLWT  Lewiston Municipal        47.0492  109.4667  4167 TCUS43 SCPWR1 TCUS53 SCPWR2
MT KMLS  Miles City                46.4267  105.8825  2628 TCUS43 SCPWR1 TCUS53 SCPWR2
MT KMSO  Missoula                  46.9208  114.0925  3200 TCUS43 SCPWR1 TCUS53 SCPWR2
MT KOLF  Wolf Point                48.0944  105.5772  1984 TCUS43 SCPWR1 TCUS53 SCPWR2
MT KSDY  Sindey                    47.7000  104.2000  1984 TCUS43 SCPWR1 TCUS53 SCPWR2
MT MALMS Malmstrom Air Force Base  47.5083  111.1844  3460 TCUS43 SCPWR1 TCUS53 SCPWR2
MY PGUM  Agana                     13.4833 -144.8000   298 TCUS4X SCPXX1 TCUS5X SCPXX2
NC KAKH  Gastonia                  35.1967   81.1558   799 TCUS40 SCPER1 TCUS50 SCPER2
NC KAVL  Asheville                 35.4319   82.5375  2200 TCUS40 SCPER1 TCUS50 SCPER2
NC KBUY  Burlington                36.0478   79.4739   592 TCUS40 SCPER1 TCUS50 SCPER2
NC KCLT  Charlotte                 35.2133   80.9486   722 TCUS40 SCPER1 TCUS50 SCPER2
NC KECG  Elizabeth City            36.2631   76.1828    39 TCUS40 SCPER1 TCUS50 SCPER2
NC KEQY  Monroe                    35.0169   80.6206   697 TCUS40 SCPER1 TCUS50 SCPER2
NC KEWN  New Bern                  35.0675   77.0472    13 TCUS40 SCPER1 TCUS50 SCPER2
NC KFAY  Fayetteville              34.9894   78.8800   182 TCUS40 SCPER1 TCUS50 SCPER2
NC KGSO  Greensboro                36.0975   79.9436   905 TCUS40 SCPER1 TCUS50 SCPER2
NC KHKY  Hickory                   35.7422   81.3822  1162 TCUS40 SCPER1 TCUS50 SCPER2
NC KHSE  Hatteras                  35.2322   75.6225    11 TCUS40 SCPER1 TCUS50 SCPER2
NC KIGX  Chapel Hill               35.9333   79.0642   509 TCUS40 SCPER1 TCUS50 SCPER2
NC KILM  Wilmington                34.2683   77.9061    31 TCUS40 SCPER1 TCUS50 SCPER2
NC KINT  Winston Salem             36.1333   80.2247   957 TCUS40 SCPER1 TCUS50 SCPER2
NC KJQF  Concord Regional          38.8042   76.0690   690 TCUS40 SCPER1 TCUS50 SCPER2
NC KLBT  Lumberton                 34.6072   79.0600   124 TCUS40 SCPER1 TCUS50 SCPER2
NC KMEB  Maxton                    34.7914   79.3681   220 TCUS40 SCPER1 TCUS50 SCPER2
NC KMRH  Beaufort                  34.7325   76.6569    11 TCUS40 SCPER1 TCUS50 SCPER2
NC KNBT  Piney Island              35.0222   76.4625    12 TCUS40 SCPER1 TCUS50 SCPER2
NC KNCA  Jacksonville              34.7058   77.4408    16 TCUS40 SCPER1 TCUS50 SCPER2
NC KNIS  Cherry Point              34.8864   76.8631    32 TCUS40 SCPER1 TCUS50 SCPER2
NC KNJM  Swansboro                 34.6928   77.0294    22 TCUS40 SCPER1 TCUS50 SCPER2
NC KNKT  Cherry Point              34.8978   76.8808    32 TCUS40 SCPER1 TCUS50 SCPER2
NC KNLT  Atlantic                  34.8792   76.3361    15 TCUS40 SCPER1 TCUS50 SCPER2
NC KRDU  Raleigh/Durham            35.8706   78.7864   428 TCUS40 SCPER1 TCUS50 SCPER2
NC KRUQ  Rowan County (Salisbury)  35.6458   80.5203   773 TCUS40 SCPER1 TCUS50 SCPER2
NC KRWI  Rocky Mount               35.8494   77.8967   157 TCUS40 SCPER1 TCUS50 SCPER2
NC KRZZ  Roanoke Rapids            36.4394   77.7097   249 TCUS40 SCPER1 TCUS50 SCPER2
ND KBIS  Bismarck                  46.7708  100.7606  1652 TCUS41 SCPCR1 TCUS51 SCPCR2
ND KBPP  Boman Municipal           46.1870  103.4282  2958 TCUS41 SCPCR1 TCUS51 SCPCR2
ND KDIK  Dickinson                 46.7997  102.7997  2586 TCUS41 SCPCR1 TCUS51 SCPCR2
ND KDVL  Devils Lake               48.1167   98.9167  1453 TCUS41 SCPCR1 TCUS51 SCPCR2
ND KFAR  Fargo                     46.9253   96.8111   909 TCUS41 SCPCR1 TCUS51 SCPCR2
ND KGFK  Grand Forks               47.9481   97.1825   624 TCUS41 SCPCR1 TCUS51 SCPCR2
ND KHEI  Hettinger                 46.0106  102.6497  2716 TCUS41 SCPCR1 TCUS51 SCPCR2
ND KISN  Williston                 48.1739  103.6367  1900 TCUS41 SCPCR1 TCUS51 SCPCR2
ND KJMS  Jamestown                 46.9258   98.6692  1494 TCUS41 SCPCR1 TCUS51 SCPCR2
ND KMOT  Minot                     48.2553  101.2733  1704 TCUS41 SCPCR1 TCUS51 SCPCR2
ND KN60  Garrison                  47.6458  101.4394  1910 TCUS41 SCPCR1 TCUS51 SCPCR2
NE KAIA  Alliance                  42.0572  102.8000  3926 TCUS41 SCPCR1 TCUS51 SCPCR2
NE KANW  Ainsworth                 42.5833  100.0000  2588 TCUS41 SCPCR1 TCUS51 SCPCR2
NE KAUH  Aurora                    40.8942   97.9945  1803 TCUS41 SCPCR1 TCUS51 SCPCR2
NE KBBW  Broken Bow                41.4333   99.6500  2545 TCUS41 SCPCR1 TCUS51 SCPCR2
NE KBFF  Scottsbluff               41.8669  103.5858  3947 TCUS41 SCPCR1 TCUS51 SCPCR2
NE KBIE  Beatrice                  40.3015   96.7542  1323 TCUS41 SCPCR1 TCUS51 SCPCR2
NE KCDR  Chadron                   42.8372  103.0978  3315 TCUS41 SCPCR1 TCUS51 SCPCR2
NE KEAR  Kearney Municipal         40.7270   99.0068  2131 TCUS41 SCPCR1 TCUS51 SCPCR2
NE KFET  Fremont                   41.4500   96.5167  1243 TCUS41 SCPCR1 TCUS51 SCPCR2
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NE KFNB  Falls City/Brener Field      40.0800   95.5800    985 TCUS41 SCPCR1 TCUS51 SCPCR2
NE KGRI  Grand Island                 40.9583   98.3125   1842 TCUS41 SCPCR1 TCUS51 SCPCR2
NE KHDE  Holdrege (Brewster Field)    40.4515   99.3355   2313 TCUS41 SCPCR1 TCUS51 SCPCR2
NE KHSI  Hastings                     40.6006   98.4258   1941 TCUS41 SCPCR1 TCUS51 SCPCR2
NE KIML  Imperial                     40.5167  101.6167   3237 TCUS41 SCPCR1 TCUS51 SCPCR2
NE KLBF  North Platte                 41.1219  100.6683   2779 TCUS41 SCPCR1 TCUS51 SCPCR2
NE KLNK  Lincoln                      40.8311   96.7644   1194 TCUS41 SCPCR1 TCUS51 SCPCR2
NE KLXN  Lexington                    40.7895   99.7748   2412 TCUS41 SCPCR1 TCUS51 SCPCR2
NE KMCK  McCook                       40.2031  100.5883   2567 TCUS41 SCPCR1 TCUS51 SCPCR2
NE KMLE  Millard (Omaha)              41.1960   96.1123   1050 TCUS41 SCPCR1 TCUS51 SCPCR2
NE KODX  Ord/Evelyn Sharp Field       41.6200   98.9500   2059 TCUS41 SCPCR1 TCUS51 SCPCR2
NE KOFK  Norfolk                      41.9806   97.4369   1544 TCUS41 SCPCR1 TCUS51 SCPCR2
NE KOGA  Ogallala (Searle Field)      41.1197  101.7690   3276 TCUS41 SCPCR1 TCUS51 SCPCR2
NE KOLU  Columbus                     41.4300   97.3500   1449 TCUS41 SCPCR1 TCUS51 SCPCR2
NE KOMA  Omaha                        41.3103   95.8992   1026 TCUS41 SCPCR1 TCUS51 SCPCR2
NE KONL  O'Neill (Barker Field)       42.4695   98.6873   2031 TCUS41 SCPCR1 TCUS51 SCPCR2
NE KSNY  Sidney                       41.0994  102.9856   4288 TCUS41 SCPCR1 TCUS51 SCPCR2
NE KTQE  Tekamah                      41.7669   96.1778   1025 TCUS41 SCPCR1 TCUS51 SCPCR2
NE KVTN  Valentine                    42.8586  100.5514   2587 TCUS41 SCPCR1 TCUS51 SCPCR2
NH KAFN  Jaffrey                      42.8058   72.0006   1029 TCUS40 SCPER1 TCUS50 SCPER2
NH KBML  Berlin                       44.5761   71.1786   1132 TCUS40 SCPER1 TCUS50 SCPER2
NH KCON  Concord                      43.1953   71.5011    341 TCUS40 SCPER1 TCUS50 SCPER2
NH KDAW  Rochester                    43.2781   70.9222    330 TCUS40 SCPER1 TCUS50 SCPER2
NH KEEN  Keene                        42.9000   72.2667    489 TCUS40 SCPER1 TCUS50 SCPER2
NH KHIE  Whitefield                   44.3661   71.5525   1045 TCUS40 SCPER1 TCUS50 SCPER2
NH KLEB  Lebanon                      43.6272   72.3058    561 TCUS40 SCPER1 TCUS50 SCPER2
NH KMHT  Manchester                   42.9292   71.4358    267 TCUS40 SCPER1 TCUS50 SCPER2
NJ K12N  Andover                      41.0089   74.7367    583 TCUS40 SCPER1 TCUS50 SCPER2
NJ KACY  Atlantic City                39.4647   74.5867    115 TCUS40 SCPER1 TCUS50 SCPER2
NJ KBLM  Belmar-Farmingdale           40.1833   74.1333    157 TCUS40 SCPER1 TCUS50 SCPER2
NJ KCDW  Caldwell                     40.8764   74.2831    211 TCUS40 SCPER1 TCUS50 SCPER2
NJ KEWR  Newark                       40.6825   74.1694     26 TCUS40 SCPER1 TCUS50 SCPER2
NJ KFWN  Sussex                       41.1992   74.6261    438 TCUS40 SCPER1 TCUS50 SCPER2
NJ KMIV  Millville                    39.3661   75.0783     76 TCUS40 SCPER1 TCUS50 SCPER2
NJ KMJX  Robert J. Miller Airpark     39.9275   74.2923     82 TCUS40 SCPER1 TCUS50 SCPER2
NJ KSMQ  Somerville                   40.6239   74.6694    100 TCUS40 SCPER1 TCUS50 SCPER2
NJ KTEB  Teterboro                    40.8589   74.0567     24 TCUS40 SCPER1 TCUS50 SCPER2
NJ KTTN  Trenton                      40.2764   74.8164    195 TCUS40 SCPER1 TCUS50 SCPER2
NJ KVAY  Mount Holly                  39.9406   74.8411     51 TCUS40 SCPER1 TCUS50 SCPER2
NJ KWWD  Wildwood                     39.0167   74.9167     23 TCUS40 SCPER1 TCUS50 SCPER2
NM KABQ  Albuquerque                  35.0417  106.6147   5310 TCUS42 SCPSR1 TCUS52 SCPSR2
NM KALM  Alamagordo                   32.8400  105.9900   4196 TCUS42 SCPSR1 TCUS52 SCPSR2
NM KATS  Artesia                      32.8500  104.4700   3546 TCUS42 SCPSR1 TCUS52 SCPSR2
NM KCAO  Clayton                      36.4483  103.1531   4969 TCUS42 SCPSR1 TCUS52 SCPSR2
NM KCNM  Carlsbad                     32.3344  104.2575   3232 TCUS42 SCPSR1 TCUS52 SCPSR2
NM KCQC  Clines Corner                35.0028  105.6628   7086 TCUS42 SCPSR1 TCUS52 SCPSR2
NM KCVN  Clovis Municipal             34.4252  103.0793   4214 TCUS42 SCPSR1 TCUS52 SCPSR2
NM KDMN  Deming                       32.2597  107.7200   4302 TCUS42 SCPSR1 TCUS52 SCPSR2
NM KFMN  Farmington                   36.7436  108.2292   5529 TCUS42 SCPSR1 TCUS52 SCPSR2
NM KGNT  Grants                       35.1653  107.9022   6520 TCUS42 SCPSR1 TCUS52 SCPSR2
NM KGUP  Gallup                       35.5083  108.7925   6468 TCUS42 SCPSR1 TCUS52 SCPSR2
NM KIKR  Kirtland                     34.9500  106.6000   5280 TCUS42 SCPSR1 TCUS52 SCPSR2
NM KLVS  Las Vegas                    35.6558  105.1381   6860 TCUS42 SCPSR1 TCUS52 SCPSR2
NM KROW  Roswell                      33.3081  104.5078   3650 TCUS42 SCPSR1 TCUS52 SCPSR2
NM KRTN  Raton                        36.7419  104.6578   6360 TCUS42 SCPSR1 TCUS52 SCPSR2
NM KSAF  Santa Fe                     35.6106  106.0950   6333 TCUS42 SCPSR1 TCUS52 SCPSR2
NM KSKX  Taos Municipal               36.4582  105.6725   7091 TCUS42 SCPSR1 TCUS52 SCPSR2
NM KSRR  Ruidoso                      33.3600  105.6700   6814 TCUS42 SCPSR1 TCUS52 SCPSR2
NM KTCC  Tucumcari                    35.1806  103.6008   4054 TCUS42 SCPSR1 TCUS52 SCPSR2
NM KTCS  Truth Or Consequences        33.2367  107.2681   4821 TCUS42 SCPSR1 TCUS52 SCPSR2
NV K4SD  Stead Airport (Reno)         39.6673  119.8755   5046 TCUS43 SCPWR1 TCUS53 SCPWR2
NV KBAM  Battle Mountain              40.5990  116.8743   4532 TCUS43 SCPWR1 TCUS53 SCPWR2
NV KDRA  Mercury                      36.6206  116.0278   3300 TCUS43 SCPWR1 TCUS53 SCPWR2
NV KEKO  Elko                         40.8264  115.7875   5077 TCUS43 SCPWR1 TCUS53 SCPWR2
NV KELY  Ely                          39.2950  114.8453   6253 TCUS43 SCPWR1 TCUS53 SCPWR2
NV KLAS  Las Vegas                    36.0789  115.1553   2089 TCUS43 SCPWR1 TCUS53 SCPWR2
NV KLOL  Lovelock                     40.0681  118.5692   3903 TCUS43 SCPWR1 TCUS53 SCPWR2
NV KNFL  Fallon                       39.4322  118.6856   3934 TCUS43 SCPWR1 TCUS53 SCPWR2
NV KP38  Caliente                     37.6122  114.5264   4373 TCUS43 SCPWR1 TCUS53 SCPWR2
NV KP68  Eureka                       39.6014  116.0056   5936 TCUS43 SCPWR1 TCUS53 SCPWR2
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NV KRNO  Reno                          39.4839  119.7711  4405 TCUS43 SCPWR1 TCUS53 SCPWR2
NV KTPH  Tonopah                       38.0511  117.0903  5419 TCUS43 SCPWR1 TCUS53 SCPWR2
NV KWMC  Winnemucca                    40.9019  117.8072  4298 TCUS43 SCPWR1 TCUS53 SCPWR2
NV NAFB1 Nellis AFB                    36.5833  115.6667  3123 TCUS43 SCPWR1 TCUS53 SCPWR2
NV NAFB2 Nellis AFB                    37.6172  116.2642  5760 TCUS43 SCPWR1 TCUS53 SCPWR2
NY KALB  Albany                        42.7467   73.7989   302 TCUS40 SCPER1 TCUS50 SCPER2
NY KART  Watertown                     43.9889   76.0264   330 TCUS40 SCPER1 TCUS50 SCPER2
NY KBGM  Binghamton                    42.1997   75.9847  1615 TCUS40 SCPER1 TCUS50 SCPER2
NY KBUF  Cheektowaga                   42.9489   78.7367   739 TCUS40 SCPER1 TCUS50 SCPER2
NY KDKK  Dunkirk                       42.4931   79.2758   665 TCUS40 SCPER1 TCUS50 SCPER2
NY KDSV  Dansville                     42.5694   77.7144   651 TCUS40 SCPER1 TCUS50 SCPER2
NY KELM  Elmira                        42.1564   76.9028   993 TCUS40 SCPER1 TCUS50 SCPER2
NY KELZ  Wellsville                    42.1075   77.9844  2122 TCUS40 SCPER1 TCUS50 SCPER2
NY KFOK  Westhampton Beach             40.8508   72.6206   110 TCUS40 SCPER1 TCUS50 SCPER2
NY KFRG  Farmingdale                   40.7342   73.4169    72 TCUS40 SCPER1 TCUS50 SCPER2
NY KFZY  Fulton                        43.3497   76.3847   455 TCUS40 SCPER1 TCUS50 SCPER2
NY KGFL  Glens Falls                   43.3381   73.6106   338 TCUS40 SCPER1 TCUS50 SCPER2
NY KHPN  White Plains                  41.0619   73.7044   397 TCUS40 SCPER1 TCUS50 SCPER2
NY KHWV  Shirley                       40.8217   72.8689    69 TCUS40 SCPER1 TCUS50 SCPER2
NY KIAG  Niagara Falls                 43.1083   78.9381   597 TCUS40 SCPER1 TCUS50 SCPER2
NY KISP  Islip                         40.7939   73.1017   142 TCUS40 SCPER1 TCUS50 SCPER2
NY KJFK  New York                      40.6386   73.7622    30 TCUS40 SCPER1 TCUS50 SCPER2
NY KJRB  Wall Street Heliport          40.7012   74.0090     7 TCUS40 SCPER1 TCUS50 SCPER2
NY KLGA  New York                      40.7792   73.8800    37 TCUS40 SCPER1 TCUS50 SCPER2
NY KMGJ  Montgomery                    41.5092   74.2650   357 TCUS40 SCPER1 TCUS50 SCPER2
NY KMSS  Massena                       44.9331   74.8492   217 TCUS40 SCPER1 TCUS50 SCPER2
NY KMSV  Sullivan County Airport       41.7017   74.7950  1545 TCUS40 SCPER1 TCUS50 SCPER2
NY KMTP  Montauk                       41.0731   71.9233     7 TCUS40 SCPER1 TCUS50 SCPER2
NY KN00  Fulton                        43.3200   76.4200   351 TCUS40 SCPER1 TCUS50 SCPER2
NY KNYC  New York City                 40.7833   73.9667   158 TCUS40 SCPER1 TCUS50 SCPER2
NY KPEO  Penn Yan                      42.6431   77.0494   841 TCUS40 SCPER1 TCUS50 SCPER2
NY KPLB  Plattsburgh                   44.6822   73.5278   350 TCUS40 SCPER1 TCUS50 SCPER2
NY KPOU  Poughkeepsie                  41.6256   73.8819   153 TCUS40 SCPER1 TCUS50 SCPER2
NY KPTD  Potsdam                       44.6767   74.9485   474 TCUS40 SCPER1 TCUS50 SCPER2
NY KROC  Rochester                     43.1167   77.6767   587 TCUS40 SCPER1 TCUS50 SCPER2
NY KSLK  Saranac Lake                  44.3931   74.2028  1634 TCUS40 SCPER1 TCUS50 SCPER2
NY KSWF  Stewart International         41.5042   74.1048   491 TCUS40 SCPER1 TCUS50 SCPER2
NY KSYR  Syracuse                      43.1092   76.1033   417 TCUS40 SCPER1 TCUS50 SCPER2
NY KUCA  Utica                         43.1436   75.3844   749 TCUS40 SCPER1 TCUS50 SCPER2
OH KAKR  Akron                         41.0375   81.4642  1193 TCUS40 SCPER1 TCUS50 SCPER2
OH KAOH  Lima                          40.7081   84.0214   972 TCUS40 SCPER1 TCUS50 SCPER2
OH KAXV  Neil Armstrong (Wapakoneta)   40.4933   84.2990   909 TCUS40 SCPER1 TCUS50 SCPER2
OH KBJJ  Wooster                       40.8731   81.8867  1128 TCUS40 SCPER1 TCUS50 SCPER2
OH KBKL  Cleveland                     41.5256   81.6689   604 TCUS40 SCPER1 TCUS50 SCPER2
OH KCAK  Akron                         40.9181   81.4425  1239 TCUS40 SCPER1 TCUS50 SCPER2
OH KCLE  Cleveland                     41.4131   81.8597   776 TCUS40 SCPER1 TCUS50 SCPER2
OH KCMH  Columbus                      39.9950   82.8764   813 TCUS40 SCPER1 TCUS50 SCPER2
OH KDAY  Dayton                        39.9061   84.2186  1002 TCUS40 SCPER1 TCUS50 SCPER2
OH KDFI  Defiance                      41.3364   84.4294   719 TCUS40 SCPER1 TCUS50 SCPER2
OH KFDY  Findlay                       41.0167   83.6667   810 TCUS40 SCPER1 TCUS50 SCPER2
OH KHAO  Hamilton                      39.3614   84.5208   617 TCUS40 SCPER1 TCUS50 SCPER2
OH KHZY  Ashtabula                     41.7794   80.6967   908 TCUS40 SCPER1 TCUS50 SCPER2
OH KILN  Wilmington                    39.4203   83.8217  1090 TCUS40 SCPER1 TCUS50 SCPER2
OH KLHQ  Lancaster                     39.7572   82.6633   853 TCUS40 SCPER1 TCUS50 SCPER2
OH KLPR  Lorain/Elyria                 41.3461   82.1794   791 TCUS40 SCPER1 TCUS50 SCPER2
OH KLUK  Cincinnati                    39.1058   84.4418   510 TCUS40 SCPER1 TCUS50 SCPER2
OH KMFD  Mansfield                     40.8203   82.5178  1298 TCUS40 SCPER1 TCUS50 SCPER2
OH KMGY  Dayton                        39.5936   84.2264   949 TCUS40 SCPER1 TCUS50 SCPER2
OH KMNN  Marion                        40.6167   83.0683   989 TCUS40 SCPER1 TCUS50 SCPER2
OH KOSU  Columbus                      40.0781   83.0781   921 TCUS40 SCPER1 TCUS50 SCPER2
OH KPHD  New Philadelphia              40.4719   81.4236   895 TCUS40 SCPER1 TCUS50 SCPER2
OH KPMH  Scioto County (Portsmouth)    38.8405   82.8473   664 TCUS40 SCPER1 TCUS50 SCPER2
OH KTDZ  Toledo                        41.5631   83.4764   621 TCUS40 SCPER1 TCUS50 SCPER2
OH KTOL  Toledo                        41.5886   83.8014   691 TCUS40 SCPER1 TCUS50 SCPER2
OH KUNI  Ohio University               39.2167   82.2333   764 TCUS40 SCPER1 TCUS50 SCPER2
OH KVTA  Newark                        40.0228   82.4625   880 TCUS40 SCPER1 TCUS50 SCPER2
OH KYNG  Youngstown                    41.2544   80.6739  1183 TCUS40 SCPER1 TCUS50 SCPER2
OH KZZV  Zanesville                    39.9461   81.8931   882 TCUS40 SCPER1 TCUS50 SCPER2
OK KBVO  Bartlesville                  36.7683   96.0094   691 TCUS42 SCPSR1 TCUS52 SCPSR2
OK KCSM  Clinton                       35.3567   99.2036  1930 TCUS42 SCPSR1 TCUS52 SCPSR2
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OK KFDR  Frederick                    34.3622   98.9764  1239 TCUS42 SCPSR1 TCUS52 SCPSR2
OK KGAG  Gage                         36.2967   99.7689  2193 TCUS42 SCPSR1 TCUS52 SCPSR2
OK KGOK  Guthrie                      35.8519   97.4075  1063 TCUS42 SCPSR1 TCUS52 SCPSR2
OK KGUY  Guyman                       36.6817  101.5053  3112 TCUS42 SCPSR1 TCUS52 SCPSR2
OK KHBR  Hobart                       34.9894   99.0525  1553 TCUS42 SCPSR1 TCUS52 SCPSR2
OK KLAW  Lawton                       34.5575   98.4167  1108 TCUS42 SCPSR1 TCUS52 SCPSR2
OK KMKO  Muskogee                     35.6569   95.3597   608 TCUS42 SCPSR1 TCUS52 SCPSR2
OK KMLC  McAlester                    34.8822   95.7831   762 TCUS42 SCPSR1 TCUS52 SCPSR2
OK KOKC  Oklahoma City                35.3886   97.6003  1281 TCUS42 SCPSR1 TCUS52 SCPSR2
OK KPNC  Ponca City                   36.7367   97.1019  1011 TCUS42 SCPSR1 TCUS52 SCPSR2
OK KPWA  Oklahoma City                35.5411   97.6467  1305 TCUS42 SCPSR1 TCUS52 SCPSR2
OK KRVS  Tulsa                        36.0425   95.9894   657 TCUS42 SCPSR1 TCUS52 SCPSR2
OK KSWO  Stillwater                   36.1622   97.0892   954 TCUS42 SCPSR1 TCUS52 SCPSR2
OK KTUL  Tulsa                        36.1975   95.8864   679 TCUS42 SCPSR1 TCUS52 SCPSR2
OR K3S2  Aurora                       45.2500  122.7667   197 TCUS43 SCPWR1 TCUS53 SCPWR2
OR K5J0  AWOS(John Day, Oregon)       44.2415  118.5753  3697 TCUS43 SCPWR1 TCUS53 SCPWR2
OR KAST  Astoria                      46.1569  123.8825    10 TCUS43 SCPWR1 TCUS53 SCPWR2
OR KBKE  Baker                        44.8428  117.8086  3361 TCUS43 SCPWR1 TCUS53 SCPWR2
OR KBNO  Burns                        43.5950  118.9564  4146 TCUS43 SCPWR1 TCUS53 SCPWR2
OR KCVO  Corvallis Municipal          44.4980  123.2892   246 TCUS43 SCPWR1 TCUS53 SCPWR2
OR KDLS  The Dalles                   45.6194  121.1661   234 TCUS43 SCPWR1 TCUS53 SCPWR2
OR KEUG  Eugene                       44.1333  123.2144   375 TCUS43 SCPWR1 TCUS53 SCPWR2
OR KHIO  Portland                     45.5481  122.9544   224 TCUS43 SCPWR1 TCUS53 SCPWR2
OR KHRI  Hermiston                    45.8258  119.2611   641 TCUS43 SCPWR1 TCUS53 SCPWR2
OR KLGD  La Grande/Union County       45.2902  118.0072  2714 TCUS43 SCPWR1 TCUS53 SCPWR2
OR KLKV  Lakeview                     42.1667  120.4000  4726 TCUS43 SCPWR1 TCUS53 SCPWR2
OR KLMT  Klamath Falls                42.1469  121.7242  4087 TCUS43 SCPWR1 TCUS53 SCPWR2
OR KMEH  Meacham                      45.5114  118.4247  3729 TCUS43 SCPWR1 TCUS53 SCPWR2
OR KMFR  Medford                      42.3811  122.8722  1301 TCUS43 SCPWR1 TCUS53 SCPWR2
OR KMMV  McMinnville                  45.1961  123.1322   158 TCUS43 SCPWR1 TCUS53 SCPWR2
OR KNOP  Newport Municipal            44.5803  124.0580   157 TCUS43 SCPWR1 TCUS53 SCPWR2
OR KONO  Ontario                      44.0194  117.0097  2190 TCUS43 SCPWR1 TCUS53 SCPWR2
OR KOTH  North Bend Municipal         43.4173  124.2462    14 TCUS43 SCPWR1 TCUS53 SCPWR2
OR KPDT  Pendleton                    45.6906  118.8528  1504 TCUS43 SCPWR1 TCUS53 SCPWR2
OR KPDX  Portland                     45.5908  122.6003    24 TCUS43 SCPWR1 TCUS53 SCPWR2
OR KRBG  Roseburg                     43.2339  123.3561   507 TCUS43 SCPWR1 TCUS53 SCPWR2
OR KRDM  Redmond Roberts Field        44.2531  121.1600  3060 TCUS43 SCPWR1 TCUS53 SCPWR2
OR KREO  Rome                         42.5906  117.8644  4051 TCUS43 SCPWR1 TCUS53 SCPWR2
OR KSLE  Salem                        44.9078  122.9950   196 TCUS43 SCPWR1 TCUS53 SCPWR2
OR KSPB  Scappoose                    45.7692  122.8622    48 TCUS43 SCPWR1 TCUS53 SCPWR2
OR KSXT  Sexton Summit                42.6003  123.3642  3838 TCUS43 SCPWR1 TCUS53 SCPWR2
OR KTKW  Tillamook                    45.4187  123.8137    35 TCUS43 SCPWR1 TCUS53 SCPWR2
OR KTTD  Portland                     45.5511  122.4089    49 TCUS43 SCPWR1 TCUS53 SCPWR2
OR KUAO  Aurora                       45.2489  122.7656   194 TCUS43 SCPWR1 TCUS53 SCPWR2
OW ROTM  Futemma                      26.2719 -127.7544   247 TCUS4X SCPXX1 TCUS5X SCPXX2
PA K1N9  Queen City (Allentown)       40.5702   75.4882   399 TCUS40 SCPER1 TCUS50 SCPER2
PA KABE  Allentown                    40.6508   75.4492   376 TCUS40 SCPER1 TCUS50 SCPER2
PA KAFJ  Washington County            40.1365   80.2902  1184 TCUS40 SCPER1 TCUS50 SCPER2
PA KAGC  Pittsburgh                   40.3547   79.9217  1279 TCUS40 SCPER1 TCUS50 SCPER2
PA KAOO  Altoona                      40.3000   78.3169  1493 TCUS40 SCPER1 TCUS50 SCPER2
PA KAVP  Wilkes-Barre/Scranton        41.3389   75.7267   956 TCUS40 SCPER1 TCUS50 SCPER2
PA KBFD  Bradford                     41.7986   78.6358  2123 TCUS40 SCPER1 TCUS50 SCPER2
PA KCXY  Harrisburg                   40.2183   76.8556   348 TCUS40 SCPER1 TCUS50 SCPER2
PA KDYL  Doylestown                   40.3300   75.1225   385 TCUS40 SCPER1 TCUS50 SCPER2
PA KERI  Erie                         42.0800   80.1825   730 TCUS40 SCPER1 TCUS50 SCPER2
PA KFIG  Clearfield                   41.0467   78.4117  1517 TCUS40 SCPER1 TCUS50 SCPER2
PA KGKJ  Meadville                    41.6258   80.2122  1404 TCUS40 SCPER1 TCUS50 SCPER2
PA KHZL  Hazelton Municipal           40.9868   75.9948  1604 TCUS40 SCPER1 TCUS50 SCPER2
PA KIPT  Williamsport                 41.2433   76.9217   541 TCUS40 SCPER1 TCUS50 SCPER2
PA KJST  Johnstown                    40.3147   78.8308  2278 TCUS40 SCPER1 TCUS50 SCPER2
PA KLNS  Lancaster                    40.1203   76.2944   413 TCUS40 SCPER1 TCUS50 SCPER2
PA KMDT  Harrisburg                   40.1961   76.7731   312 TCUS40 SCPER1 TCUS50 SCPER2
PA KMPO  Mt. Pocono                   41.1389   75.3794  1895 TCUS40 SCPER1 TCUS50 SCPER2
PA KMQS  Chester County (Coatsville)  39.9790   75.8655   661 TCUS40 SCPER1 TCUS50 SCPER2
PA KN70  Pennridge (Perkasie)         40.3892   75.2905   568 TCUS40 SCPER1 TCUS50 SCPER2
PA KNXX  Willow Grove                 40.1931   75.1444   333 TCUS40 SCPER1 TCUS50 SCPER2
PA KPHL  Philadelphia                 39.8683   75.2311    60 TCUS40 SCPER1 TCUS50 SCPER2
PA KPIT  Pittsburgh                   40.5039   80.2664  1173 TCUS40 SCPER1 TCUS50 SCPER2
PA KPNE  Philadelphia                 40.0789   75.0136    94 TCUS40 SCPER1 TCUS50 SCPER2
PA KPTW  Pottstown                    40.2383   75.5572   302 TCUS40 SCPER1 TCUS50 SCPER2
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PA KRDG   Reading                      40.3733   75.9594    360 TCUS40 SCPER1 TCUS50 SCPER2
PA KSEG   Selinsgrove                  40.8192   76.8661    442 TCUS40 SCPER1 TCUS50 SCPER2
PA KTHV   York                         39.9194   76.8769    473 TCUS40 SCPER1 TCUS50 SCPER2
PA KZER   Schuylkill Cnty (Pottsville) 40.7065   76.3732   1734 TCUS40 SCPER1 TCUS50 SCPER2
PR KSJU   San Juan                     18.4347   66.0111     69 TCUS42 SCPSR1 TCUS52 SCPSR2
TCUS62 SCPSR3
PR TJNR   Roosevelt Roads              18.2553   65.6386     33 TCUS42 SCPSR1 TCUS52 SCPSR2
TCUS62 SCPSR3
PR TJSJ   San Juan                     18.4500   66.0000     10 TCUS42 SCPSR1 TCUS52 SCPSR2
TCUS62 SCPSR3
QB CWST   La Pocatiere                 47.3500   70.0333    102 TCUS40 SCPER1 TCUS50 SCPER2
RI KBID   Block Island State           41.1682   71.5778    109 TCUS40 SCPER1 TCUS50 SCPER2
RI KPVD   Providence                   41.7219   71.4325     55 TCUS40 SCPER1 TCUS50 SCPER2
RI KSFZ   Pawtaucket                   41.9167   71.5000    440 TCUS40 SCPER1 TCUS50 SCPER2
RI KUUU   Newport                      41.5300   71.2836    168 TCUS40 SCPER1 TCUS50 SCPER2
RI KWST   Westerly                     41.3497   71.7989     70 TCUS40 SCPER1 TCUS50 SCPER2
SC K7A1   Donaldson Cntr (Greenville)  34.7667   82.3833    955 TCUS40 SCPER1 TCUS50 SCPER2
SC KAND   Anderson                     34.4978   82.7097    785 TCUS40 SCPER1 TCUS50 SCPER2
SC KCAE   Columbia                     33.9486   81.1183    241 TCUS40 SCPER1 TCUS50 SCPER2
SC KCEU   Clemson                      34.6722   82.8814    882 TCUS40 SCPER1 TCUS50 SCPER2
SC KCHS   Charleston                   32.8989   80.0406     44 TCUS40 SCPER1 TCUS50 SCPER2
SC KCRE   North Myrtle Beach           33.8161   78.7206     33 TCUS40 SCPER1 TCUS50 SCPER2
SC KCUB   Columbia                     33.9708   80.9944    184 TCUS40 SCPER1 TCUS50 SCPER2
SC KFLO   Florence                     34.1878   79.7308    147 TCUS40 SCPER1 TCUS50 SCPER2
SC KGMU   Greenville                   34.8461   82.3461   1035 TCUS40 SCPER1 TCUS50 SCPER2
SC KGRD   Greenwood                    34.2472   82.1547    610 TCUS40 SCPER1 TCUS50 SCPER2
SC KGSP   Greer                        34.8833   82.2200    941 TCUS40 SCPER1 TCUS50 SCPER2
SC KHXD   Hilton Head Island           32.2167   80.7000     20 TCUS40 SCPER1 TCUS50 SCPER2
SC KMYR   Myrtle Beach                 33.6833   78.9333     26 TCUS40 SCPER1 TCUS50 SCPER2

SC KNBC   Beaufort                     32.4936   80.7031     29 TCUS40 SCPER1 TCUS50 SCPER2
SC KOGB   Orangeburg                   33.4639   80.8536    195 TCUS40 SCPER1 TCUS50 SCPER2
SC KRBW   Walterboro Municipal         32.9205   80.6413     99 TCUS40 SCPER1 TCUS50 SCPER2
SC KUZA   Rock Hill                    34.9839   81.0558    663 TCUS40 SCPER1 TCUS50 SCPER2
SC NEXC   Charleston                   32.9156   79.9792     37 TCUS40 SCPER1 TCUS50 SCPER2
SD K2WX   Buffalo                      45.6044  103.5464   3003 TCUS41 SCPCR1 TCUS51 SCPCR2
SD K8D3   Sisseton                     45.6689   96.9914   1162 TCUS41 SCPCR1 TCUS51 SCPCR2
SD K9V9   Chamberlain                  43.7667   99.3183   1703 TCUS41 SCPCR1 TCUS51 SCPCR2
SD KABR   Aberdeen                     45.4558   98.4131   1312 TCUS41 SCPCR1 TCUS51 SCPCR2
SD KATY   Watertown                    44.9047   97.1494   1746 TCUS41 SCPCR1 TCUS51 SCPCR2
SD KBKX   Brookings Municipal          44.3048   96.8170   1647 TCUS41 SCPCR1 TCUS51 SCPCR2
SD KCUT   Custer                       43.7331  103.6114   5661 TCUS41 SCPCR1 TCUS51 SCPCR2
SD KD07   Faith                        45.0319  102.0192   2574 TCUS41 SCPCR1 TCUS51 SCPCR2
SD KFSD   Sioux Falls                  43.5878   96.7294   1426 TCUS41 SCPCR1 TCUS51 SCPCR2
SD KHON   Huron                        44.3881   98.2283   1282 TCUS41 SCPCR1 TCUS51 SCPCR2
SD KIEN   Pine Ridge                   43.0256  102.5231   3274 TCUS41 SCPCR1 TCUS51 SCPCR2
SD KMBG   Mobridge                     45.5500  100.4086   1673 TCUS41 SCPCR1 TCUS51 SCPCR2
SD KMHE   Mitchell Municipal           43.7748   98.0387   1303 TCUS41 SCPCR1 TCUS51 SCPCR2
SD KPHP   Philip                       44.0511  101.6011   2206 TCUS41 SCPCR1 TCUS51 SCPCR2
SD KPIR   Pierre                       44.3814  100.2856   1728 TCUS41 SCPCR1 TCUS51 SCPCR2
SD KRAP   Rapid City                   44.0456  103.0539   3166 TCUS41 SCPCR1 TCUS51 SCPCR2
SD KSFD   Winner                       43.3894   99.8428   2040 TCUS41 SCPCR1 TCUS51 SCPCR2
SD KYKN   Yankton                      42.9167   97.3833   1305 TCUS41 SCPCR1 TCUS51 SCPCR2
SP LERT   Rota                         36.6428    6.3394     95 TCUS4X SCPXX1 TCUS5X SCPXX2
TN KBNA   Nashville                    36.1189   86.6892    692 TCUS42 SCPSR1 TCUS52 SCPSR2
TN KCHA   Chattanooga                  35.0333   85.2000    689 TCUS42 SCPSR1 TCUS52 SCPSR2
TN KCKV   Clarksville                  36.6167   87.4114    542 TCUS42 SCPSR1 TCUS52 SCPSR2
TN KCSV   Crossville                   35.9500   85.0811   1870 TCUS42 SCPSR1 TCUS52 SCPSR2
TN KMEM   Memphis                      35.0611   89.9850    284 TCUS42 SCPSR1 TCUS52 SCPSR2
TN KMKL   Jackson                      35.5931   88.9167    421 TCUS42 SCPSR1 TCUS52 SCPSR2
TN KOQT   Oak Ridge                    36.0228   84.2333    910 TCUS42 SCPSR1 TCUS52 SCPSR2
TN KTRI   Bristol/Johnson/Kingsport    36.4797   82.3989   1556 TCUS42 SCPSR1 TCUS52 SCPSR2
TN KTYS   Knoxville                    35.8181   83.9858    992 TCUS42 SCPSR1 TCUS52 SCPSR2
TX K6R6   Dryden                       30.0481  102.2131   2301 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KABI   Abilene                      32.4103   99.6817   1798 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KACT   Waco                         31.6172   97.2278    497 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KAFW   Fort Worth                   32.9733   97.3181    766 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KALI   Alice                        27.7411   98.0247    177 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KAMA   Amarillo                     35.2333  101.7092   3587 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KATT   Austin                       30.2906   97.6958    587 TCUS42 SCPSR1 TCUS52 SCPSR2
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TX KBAZ   New Braunfels            29.7086   98.0453   640 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KBGD   Borger                   35.6950  101.3950  3041 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KBMQ   Burnet                   30.7406   98.2353  1276 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KBPT   Beaumont/Port Arthur     29.9517   94.0261    17 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KBRO   Brownsville              25.9161   97.4189    19 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KAUS   Austin                   30.1794   97.6806   565 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KCDS   Childress                34.4275  100.2833  1951 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KCLL   College Station          30.5822   96.3617   316 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KCOT   Cotulla                  28.4533   99.2169   461 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KCRP   Corpus Christi           27.7842   97.5111    53 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KCRS   Corsicana                32.0311   96.3989   438 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KCXO   Conroe                   30.3567   95.4139   247 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KDAL   Dallas                   32.8525   96.8556   520 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KDFW   Dallas/Fort Worth        32.8969   97.0219   572 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KDHT   Dalhart                  36.0211  102.5478  3992 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KDLF   Laughlin                 29.3667  100.7833  1082 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KDRT   Del Rio                  29.3747  100.9236  1027 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KDTO   Denton                   33.2061   97.1989   646 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KDWH   Houston                  30.0675   95.5561   153 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KELP   El Paso                  31.8111  106.3758  3929 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KFST   Fort Stockton            30.9119  102.9167  3013 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KFTW   Fort Worth               32.8253   97.3642   703 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KGDP   Pine Springs             31.8311  104.8089  5550 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KGGG   Longview                 32.3906   94.7139   353 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KGKY   Arlington                32.6639   97.0958   609 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KGLS   Galveston                29.2703   94.8642    22 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KHDO   Hondo                    29.3594   99.1742   927 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KHOU   Houston                  29.6375   95.2825   121 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KHRL   Harlingen                26.2297   97.6553    35 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KIAH   Houston                  29.9925   95.3639   119 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KINK   Wink                     31.7803  103.2008  2807 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KJCT   Junction                 30.5108   99.7664  1718 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KLBB   Lubbock                  33.6542  101.8142  3255 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KLBX   Angleton/Lake Jackson    29.1153   95.4631    21 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KLFK   Lufkin                   31.2336   94.7500   289 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KLVJ   Houston                  29.5189   95.2417    41 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KMAF   Midland                  31.9433  102.1892  2861 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KMFE   Mcallen                  26.1797   98.2444   126 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KMWL   Mineral Wells            32.7822   98.0614   934 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KNFW   Fort Worth               32.7658   97.4333   614 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KNGP   Corpus Christi           27.6886   97.2917    16 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KNGW   Corpus Christi           27.7225   97.4425    40 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KNMT   Ingleside                28.2361   98.7242   281 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KNOG   Orange Grove             27.8892   98.0442   299 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KNQI   Kingsville               27.5031   97.8117    52 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KMRF   Marfa                    30.3800  104.0200  4859 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KNVT   Corpus Christi           27.6311   97.3117    35 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KODO   Odessa                   31.9214  102.3917  2960 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KRBD   Dallas                   32.6758   96.8639   668 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KRKP   Rockport                 28.0836   97.0464    22 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KSAT   San Antonio              29.5328   98.4636   800 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KSJT   San Angelo               31.3714  100.4925  1906 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KSPS   Wichita Falls            33.9786   98.4928  1011 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KSSF   San Antonio              29.3389   98.4717   580 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KT31   Port Isabel              26.1592   97.3375    17 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KTKI   McKinney                 33.1850   96.5878   588 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KTRL   Terrell                  32.7136   96.2683   475 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KTYR   Tyler                    32.3586   95.4039   544 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KUTS   Huntsville               30.7439   95.5861   343 TCUS42 SCPSR1 TCUS52 SCPSR2
TX KVCT   Victoria                 28.8625   96.9297   104 TCUS42 SCPSR1 TCUS52 SCPSR2
UT EAGLE  Hill Air Force Base      41.0606  113.0728  4245 TCUS43 SCPWR1 TCUS53 SCPWR2
UT GRNPK  Dugway Proving Grounds   40.1606  113.3508  4300 TCUS43 SCPWR1 TCUS53 SCPWR2
UT KBCE   Bryce Canyon             37.7022  112.1539  7586 TCUS43 SCPWR1 TCUS53 SCPWR2
UT KBDG   Blanding Municipal       37.5830  109.4833  5865 TCUS43 SCPWR1 TCUS53 SCPWR2
UT KBMC   Brigham City             41.5523  112.0623  4226 TCUS43 SCPWR1 TCUS53 SCPWR2
UT KCDC   Cedar City               37.7067  113.0967  5624 TCUS43 SCPWR1 TCUS53 SCPWR2
UT KCNY   Moab                     38.7600  109.7447  4561 TCUS43 SCPWR1 TCUS53 SCPWR2
UT KDTA   Delta                    39.3833  112.5167  4753 TCUS43 SCPWR1 TCUS53 SCPWR2
UT KENV   Wendover                 40.7333  114.0333  4238 TCUS43 SCPWR1 TCUS53 SCPWR2
UT KLGU   Logan                    41.7828  111.8539  4445 TCUS43 SCPWR1 TCUS53 SCPWR2
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UT KMLF   Milford                      38.4225 113.0097  5033 TCUS43 SCPWR1 TCUS53 SCPWR2
UT KOGD   Ogden                        41.1936 112.0164  4439 TCUS43 SCPWR1 TCUS53 SCPWR2
UT KPUC   Price                        39.6092 110.7547  6860 TCUS43 SCPWR1 TCUS53 SCPWR2
UT KPVU   Provo Municipal              40.2157 111.7215  4491 TCUS43 SCPWR1 TCUS53 SCPWR2
UT KSGU   Saint George Municipal       37.0913 113.5930  2941 TCUS43 SCPWR1 TCUS53 SCPWR2
UT KSLC   Salt Lake City               40.7781 111.9694  4221 TCUS43 SCPWR1 TCUS53 SCPWR2
UT KU42   Salt Lake City Municipal     40.6195 111.9928  4603 TCUS43 SCPWR1 TCUS53 SCPWR2
UT KVEL   Vernal                       40.4442 109.5117  5264 TCUS43 SCPWR1 TCUS53 SCPWR2
UT LMNTN  Hill Air Force Base          41.2469 112.2483  4350 TCUS43 SCPWR1 TCUS53 SCPWR2
VA KAKQ   Wakefield                    36.9839  77.0072   109 TCUS40 SCPER1 TCUS50 SCPER2
VA KAVC   Meck-Brunswick (South Hill)  36.7000  78.0500  1410 TCUS40 SCPER1 TCUS50 SCPER2
VA KBCB   Virginia Tech Airport        37.2167  80.4167  2132 TCUS40 SCPER1 TCUS50 SCPER2
VA KCHO   Charlottesville              38.1383  78.4558   630 TCUS40 SCPER1 TCUS50 SCPER2
VA KDAN   Danville                     36.5728  79.3353   575 TCUS40 SCPER1 TCUS50 SCPER2
VA KDCA   Washington, DC               38.8483  77.0342    60 TCUS40 SCPER1 TCUS50 SCPER2
VA KFKN   Franklin Municipal           36.7000  76.9000    39 TCUS40 SCPER1 TCUS50 SCPER2
VA KFVX   Farmville Municipal          37.3560  78.4385   410 TCUS40 SCPER1 TCUS50 SCPER2
VA KIAD   Washington, DC               38.9347  77.4475   307 TCUS40 SCPER1 TCUS50 SCPER2
VA KLKU   Louisa Cnty (Charlottsville) 38.0098  77.9702   496 TCUS40 SCPER1 TCUS50 SCPER2
VA KLNP   Lonesome Pine (Wise)         36.9875  82.5302   268 TCUS40 SCPER1 TCUS50 SCPER2
VA KLYH   Lynchburg                    37.3208  79.2067   969 TCUS40 SCPER1 TCUS50 SCPER2
VA KMFV   Accomack County Airport      37.6500  75.7667    49 TCUS40 SCPER1 TCUS50 SCPER2
VA KMKJ   Mountain Empire              36.9000  81.3500  2558 TCUS40 SCPER1 TCUS50 SCPER2
VA KNFE   Fentress                     36.7008  76.1283    14 TCUS40 SCPER1 TCUS50 SCPER2
VA KNGU   Norfolk                      36.9336  76.2958    28 TCUS40 SCPER1 TCUS50 SCPER2
VA KNTU   Virginia Beach               36.8211  76.0283    22 TCUS40 SCPER1 TCUS50 SCPER2
VA KNYG   Quantico                     38.5125  77.2917    11 TCUS40 SCPER1 TCUS50 SCPER2
VA KOFP   Richmond                     37.7081  77.4344   205 TCUS40 SCPER1 TCUS50 SCPER2
VA KORF   Norfolk                      36.9036  76.1919    48 TCUS40 SCPER1 TCUS50 SCPER2
VA KPHF   Newport News                 37.1322  76.4944    42 TCUS40 SCPER1 TCUS50 SCPER2
VA KPTB   Petersburg Municipal         37.1838  77.5073   193 TCUS40 SCPER1 TCUS50 SCPER2
VA KRIC   Richmond                     37.5111  77.3233   165 TCUS40 SCPER1 TCUS50 SCPER2
VA KROA   Roanoke                      37.3169  79.9742  1190 TCUS40 SCPER1 TCUS50 SCPER2
VA KW16   Winchester Municipal         39.1435  78.1445   727 TCUS40 SCPER1 TCUS50 SCPER2
VA KWAL   Wallops Island               37.9406  75.4631    46 TCUS40 SCPER1 TCUS50 SCPER2
VI KSTT   Charlotte Amalie             18.3383  64.9789    52 TCUS42 SCPSR1 TCUS52 SCPSR2
       TCUS62 SCPSR3
VI KSTX   Christiansted                17.7008  64.8067    32 TCUS42 SCPSR1 TCUS52 SCPSR2
       TCUS62 SCPSR3
VI TIST   Charlotte Amalie             18.3383  64.9789    52 TCUS42 SCPSR1 TCUS52 SCPSR2
       TCUS62 SCPSR3
VT K1V4   St. Johnsbury                44.4194  72.0194   692 TCUS40 SCPER1 TCUS50 SCPER2
VT KBTV   Burlington                   44.4681  73.1503   346 TCUS40 SCPER1 TCUS50 SCPER2
VT KDDH   Bennington                   42.8900  73.2464   801 TCUS40 SCPER1 TCUS50 SCPER2
VT KMPV   Barre/Montpelier             44.2047  72.5661  1126 TCUS40 SCPER1 TCUS50 SCPER2
VT KMVL   Morrisville                  44.5361  72.6161   733 TCUS40 SCPER1 TCUS50 SCPER2
VT KRUT   Rutland State                43.5293  72.9497   787 TCUS40 SCPER1 TCUS50 SCPER2
VT KVSF   Springfield                  43.3425  72.5217   577 TCUS40 SCPER1 TCUS50 SCPER2
WA KALW   Walla Walla                  46.0950 118.2842  1192 TCUS43 SCPWR1 TCUS53 SCPWR2
WA KAWO   Arlington                    48.1667 122.1667   138 TCUS43 SCPWR1 TCUS53 SCPWR2
WA KBFI   Seattle                      47.5458 122.3136    16 TCUS43 SCPWR1 TCUS53 SCPWR2
WA KBLI   Bellingham                   48.7994 122.5392   166 TCUS43 SCPWR1 TCUS53 SCPWR2
WA KCLM   Port Angeles                 48.1222 123.5053   282 TCUS43 SCPWR1 TCUS53 SCPWR2
WA KDEW   Deer Park                    47.9742 117.4283  2194 TCUS43 SCPWR1 TCUS53 SCPWR2
WA KEAT   Wenatchee                    47.3978 120.2014  1239 TCUS43 SCPWR1 TCUS53 SCPWR2
WA KELN   Ellensburg                   47.0336 120.5292  1705 TCUS43 SCPWR1 TCUS53 SCPWR2
WA KEPH   Ephrata                      47.3081 119.5147  1257 TCUS43 SCPWR1 TCUS53 SCPWR2
WA KFHR   Friday Harbor                48.5203 123.0253   108 TCUS43 SCPWR1 TCUS53 SCPWR2
WA KGEG   Spokane                      47.6214 117.5278  2412 TCUS43 SCPWR1 TCUS53 SCPWR2
WA KHQM   Hoquiam                      46.9728 123.9303    23 TCUS43 SCPWR1 TCUS53 SCPWR2
WA KKLS   Longview Memorial            46.1180 122.8983    17 TCUS43 SCPWR1 TCUS53 SCPWR2
WA KMWH   Moses Lake                   47.1931 119.3133  1189 TCUS43 SCPWR1 TCUS53 SCPWR2
WA KNRA   Coupeville                   48.1906 122.6306   195 TCUS43 SCPWR1 TCUS53 SCPWR2
WA KNUW   Whidbey Island               48.3492 122.6506    29 TCUS43 SCPWR1 TCUS53 SCPWR2
WA KOLM   Olympia                      46.9733 122.9033   193 TCUS43 SCPWR1 TCUS53 SCPWR2
WA KOMK   Omak                         48.4614 119.5192  1298 TCUS43 SCPWR1 TCUS53 SCPWR2
WA KPAE   Everett                      47.9231 122.2825   593 TCUS43 SCPWR1 TCUS53 SCPWR2
WA KPSC   Pasco                        46.2697 119.1167   399 TCUS43 SCPWR1 TCUS53 SCPWR2
WA KPUW   Pullman/Moscow               46.7439 117.1136  2537 TCUS43 SCPWR1 TCUS53 SCPWR2
WA KPWT   Bremerton                    47.5000 122.7500   482 TCUS43 SCPWR1 TCUS53 SCPWR2
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WA KRNT  Renton                          47.4944 122.2128   69 TCUS43 SCPWR1 TCUS53 SCPWR2
WA KSEA  Seattle                         47.4447 122.3136  448 TCUS43 SCPWR1 TCUS53 SCPWR2
WA KSFF  Spokane                         47.6856 117.3203 1998 TCUS43 SCPWR1 TCUS53 SCPWR2
WA KSHN  Shelton                         47.2381 123.1408  271 TCUS43 SCPWR1 TCUS53 SCPWR2
WA KSMP  Stampede Pass                   47.2767 121.3372 3964 TCUS43 SCPWR1 TCUS53 SCPWR2
WA KTIW  Tacoma                          47.2675 122.5761  294 TCUS43 SCPWR1 TCUS53 SCPWR2
WA KUIL  Quillayute                      47.9375 124.5550  179 TCUS43 SCPWR1 TCUS53 SCPWR2
WA KVUO  Vancouver                       45.6233 122.6564   19 TCUS43 SCPWR1 TCUS53 SCPWR2
WA KYKM  Yakima                          46.5642 120.5336 1065 TCUS43 SCPWR1 TCUS53 SCPWR2
WI KAIG  Antigo-Langlade County          45.1543  89.1083 1521 TCUS41 SCPCR1 TCUS51 SCPCR2
WI KARV  Lakeland/Lee                    45.9333  89.7333 1627 TCUS41 SCPCR1 TCUS51 SCPCR2
WI KASX  Ashland                         46.5497  90.9183  824 TCUS41 SCPCR1 TCUS51 SCPCR2
WI KAUW  Wausau                          44.9272  89.6242 1190 TCUS41 SCPCR1 TCUS51 SCPCR2
WI KCLI  Clintonville                    44.6167  88.7333  822 TCUS41 SCPCR1 TCUS51 SCPCR2
WI KCWA  Central Wisconsin (Mosinee)     44.7833  89.6667 1276 TCUS41 SCPCR1 TCUS51 SCPCR2
WI KDLL  Baraboo                         43.5220  89.7708  976 TCUS41 SCPCR1 TCUS51 SCPCR2
WI KEAU  Eau Claire                      44.8667  91.4833  905 TCUS41 SCPCR1 TCUS51 SCPCR2
WI KEFT  Monroe Municipal                42.6150  89.5905 1084 TCUS41 SCPCR1 TCUS51 SCPCR2
WI KEGV  Eagle River                     45.9333  89.2667 1640 TCUS41 SCPCR1 TCUS51 SCPCR2
WI KENW  Kenosha                         42.5950  87.9381  721 TCUS41 SCPCR1 TCUS51 SCPCR2
WI KFLD  Fond Du Lac                     43.7700  88.4864  790 TCUS41 SCPCR1 TCUS51 SCPCR2
WI KGRB  Green Bay                       44.4833  88.1333  702 TCUS41 SCPCR1 TCUS51 SCPCR2
WI KHYR  Hayward                         46.0206  91.4503 1214 TCUS41 SCPCR1 TCUS51 SCPCR2
WI KISW  Wisconsin Rapids                44.3592  89.8369 1009 TCUS41 SCPCR1 TCUS51 SCPCR2
WI KLNR  Lone Rock                       43.2111  90.1875  714 TCUS41 SCPCR1 TCUS51 SCPCR2
WI KLSE  La Crosse                       43.8789  91.2528  656 TCUS41 SCPCR1 TCUS51 SCPCR2
WI KMDZ  Taylor County                   45.0995  90.3055 1463 TCUS41 SCPCR1 TCUS51 SCPCR2
WI KMFI  Marshfield                      44.6381  90.1875 1246 TCUS41 SCPCR1 TCUS51 SCPCR2
WI KMKE  Milwaukee                       42.9550  87.9044  678 TCUS41 SCPCR1 TCUS51 SCPCR2
WI KMRJ  Iowa County                     42.8867  90.2312 1174 TCUS41 SCPCR1 TCUS51 SCPCR2
WI KMSN  Madison                         43.1406  89.3453  857 TCUS41 SCPCR1 TCUS51 SCPCR2
WI KMTW  Manitowoc County                44.1288  87.6807  651 TCUS41 SCPCR1 TCUS51 SCPCR2
WI KOEO  Simenstad Municipal Airport     45.3087  92.6902  903 TCUS41 SCPCR1 TCUS51 SCPCR2
WI KOSH  Oshkosh                         43.9667  88.5581  814 TCUS41 SCPCR1 TCUS51 SCPCR2
WI KOVS  Boscobel                        43.1561  90.6775  665 TCUS41 SCPCR1 TCUS51 SCPCR2
WI KPBH  Price County (Phillips)         45.7055  92.4028 1471 TCUS41 SCPCR1 TCUS51 SCPCR2
WI KPDC  Prairie Du Chien                43.0218  91.1246  659 TCUS41 SCPCR1 TCUS51 SCPCR2
WI KRAC  Racine                          42.7586  87.8178  666 TCUS41 SCPCR1 TCUS51 SCPCR2
WI KRHI  Rhinelander                     45.6317  89.4822 1591 TCUS41 SCPCR1 TCUS51 SCPCR2
WI KRPD  Rice Lake                       45.4833  91.7167 1138 TCUS41 SCPCR1 TCUS51 SCPCR2
WI KRYV  Watertown                       43.1697  88.7232  833 TCUS41 SCPCR1 TCUS51 SCPCR2
WI KSBM  Sheboygan                       43.7764  87.8497  763 TCUS41 SCPCR1 TCUS51 SCPCR2
WI KSTE  Stevens Point                   44.5500  89.5333 1109 TCUS41 SCPCR1 TCUS51 SCPCR2
WI KSUE  Sturgeon Bay                    44.8500  87.4167  725 TCUS41 SCPCR1 TCUS51 SCPCR2
WI KSUW  Bong Field                      46.6913  92.1035  260 TCUS41 SCPCR1 TCUS51 SCPCR2
WI KUNU  Dodge County                    43.4333  88.7000  935 TCUS41 SCPCR1 TCUS51 SCPCR2
WV K3I2  Mason County (Pt. Pleasant)     38.9147  82.0987  643 TCUS40 SCPER1 TCUS50 SCPER2
WV KBKW  Beckley                         37.7950  81.1247 2509 TCUS40 SCPER1 TCUS50 SCPER2
WV KBLF  Bluefield                       37.2978  81.2036 2864 TCUS40 SCPER1 TCUS50 SCPER2
WV KCKB  Clarksburg                      39.3000  80.2247 1183 TCUS40 SCPER1 TCUS50 SCPER2
WV KCRW  Charleston                      38.3794  81.5914 1016 TCUS40 SCPER1 TCUS50 SCPER2
WV KEKN  Elkins                          38.8853  79.8528 1980 TCUS40 SCPER1 TCUS50 SCPER2
WV KHLG  Wheeling                        40.1703  80.6444 1223 TCUS40 SCPER1 TCUS50 SCPER2
WV KHTS  Huntington                      38.3650  82.5550  835 TCUS40 SCPER1 TCUS50 SCPER2
WV KI18  Jackson County (Ravenswood)     38.9298  81.8183  759 TCUS40 SCPER1 TCUS50 SCPER2
WV KMGW  Morgantown                      39.6494  79.9211 1243 TCUS40 SCPER1 TCUS50 SCPER2
WV KMRB  Martinsburg                     39.4039  77.9750  540 TCUS40 SCPER1 TCUS50 SCPER2
WV KPKB  Wood County Airport             39.3452  81.4392  858 TCUS40 SCPER1 TCUS50 SCPER2
WV KW99  Grant County (Petersburg)       38.9932  79.1420  961 TCUS40 SCPER1 TCUS50 SCPER2
WY KBPI  Big Piney                       42.5789 110.1031 6945 TCUS41 SCPCR1 TCUS51 SCPCR2
WY KBYG  Buffalo                         44.3814 106.7189 4911 TCUS41 SCPCR1 TCUS51 SCPCR2
WY KCOD  Yellowstone Regional            44.5202 109.0238 5098 TCUS41 SCPCR1 TCUS51 SCPCR2
WY KCPR  Casper                          42.8975 106.4731 5320 TCUS41 SCPCR1 TCUS51 SCPCR2
WY KCYS  Cheyenne                        41.1519 104.8061 6120 TCUS41 SCPCR1 TCUS51 SCPCR2
WY KDGW  Douglas                         42.7942 105.3819 4919 TCUS41 SCPCR1 TCUS51 SCPCR2
WY KEMM  Kemmerer                        41.8250 110.5590 7282 TCUS41 SCPCR1 TCUS51 SCPCR2
WY KEVW  Evanston                        41.2731 111.0306 7141 TCUS41 SCPCR1 TCUS51 SCPCR2
WY KGCC  Gillette                        44.3394 105.5419 4330 TCUS41 SCPCR1 TCUS51 SCPCR2
WY KGEY  Greybull                        44.5158 108.0758 3908 TCUS41 SCPCR1 TCUS51 SCPCR2
WY KJAC  Jackson Hole                    43.6065 110.7382 6445 TCUS41 SCPCR1 TCUS51 SCPCR2
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WY KLAR    Laramie                    41.3164  105.6722  7269 TCUS41 SCPCR1 TCUS51 SCPCR2
WY KLND    Lander                     42.8167  108.7333  5558 TCUS41 SCPCR1 TCUS51 SCPCR2
WY KP60    Yellowstone Lake           44.5444  110.4211  7835 TCUS41 SCPCR1 TCUS51 SCPCR2
WY KRIW    Riverton                   43.0661  108.4772  5460 TCUS41 SCPCR1 TCUS51 SCPCR2
WY KRKS    Rock Springs-Sweetwater    41.5942  109.0652  6760 TCUS41 SCPCR1 TCUS51 SCPCR2
WY KRWL    Rawlins                    41.8000  107.2000  6812 TCUS41 SCPCR1 TCUS51 SCPCR2
WY KSHR    Sheridan                   44.7694  106.9689  3943 TCUS41 SCPCR1 TCUS51 SCPCR2
WY KTOR    Torrington                 42.0647  104.1528  4191 TCUS41 SCPCR1 TCUS51 SCPCR2
WY KWRL    Worland                    43.9725  107.9558  4172 TCUS41 SCPCR1 TCUS51 SCPCR2
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WY KLAR    Laramie                    41.3164  105.6722  7269 TCUS41 SCPCR1 TCUS51 SCPCR2
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