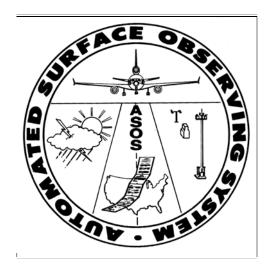# AUTOMATED SURFACE OBSERVING SYSTEM (ASOS)

IMPLEMENTATION PLAN

VAISALA CEILOMETER - CL31

November 14, 2008

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Weather Service / Office of Operational Systems/Observing Systems Branch
National Weather Service / Office of Science and Technology/Development Branch

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Executive Summary

The first Automated Surface Observing System (ASOS) to be commissioned was Alamosa, Colorado on September 1, 1992. Currently, there is a total of 884 commissioned ASOS sites sponsored by either the National Weather Service (NWS) or the Federal Aviation Administration (FAA). All of these sites are generating Aviation Routine Weather Reports (METAR) / Aviation Selected Special Weather Reports (SPECI) to support NWS operations and the National Airspace System (NAS).

The legacy Cloud Height Indicator (CHI) sensor initially deployed with ASOS was the Vaisala CT12K ceilometer. In 1998, Vaisala discontinued production of the CT12K with an agreement to provide logistical support for the sensor through 2005. The NWS repair depot located in Kansas City, Missouri had an adequate inventory of logistical parts to support maintenance of the CT12K for at least two additional years (i.e., 2007). Therefore, a new ceilometer needed to be developed, tested, and deployed for the ASOS network.

The new ceilometer that was developed and tested is a modified Vaisala CL31. The CL31 employs enhanced single lens technology that helps to ensure a strong and stable signal over the entire range of measurement, i.e., from the surface to a height of 25,000 feet. In contrast, the range of measurement of the CT12K is from the surface to 12,600 feet.

The implementation of the CL31 is an equipment replacement effort. Although the CL31 is capable of detecting clouds up to 25,000 feet, the ASOS sky condition algorithms will not initially change with its implementation. The sky condition reports included in the METAR / SPECI reports will continue to provide conditions from the surface to 12,000 feet. Software to interface the CL31 to ASOS, as well as new maintenance features for the CL31, were included in ASOS software version v2.79S. These interfacing capabilities and new maintenance features will be included in all future operational ASOS software loads.

This plan addresses the implementation of the CL31 at both NWS and FAA ASOS locations. There are currently 943 ceilometers (CT12K) being used operationally at these 884 sites. (Some ASOS sites have more than one ceilometer installed. These additional ceilometers may function as a backup to the operational sensor, or provide meteorological discontinuity sky condition reports for other areas of the airport.) The current CT12K ceilometers will be replaced by the CL31 using a phased implementation approach. The first units to be used operationally will be those units installed at approximately 22 Operational Test & Evaluation (OT&E) sites. During the first part of the OT&E the CL31s will be evaluated in a non-operational mode. In the second portion of the OT&E, the CL31s will become the sensor used operationally to generate sky condition reports. (The OT&E Plan for the Vaisala CL31 is available at the following website: (http://www.weather.gov/ops2/ops24/documents/asos_ceilometer.htm))

After the OT&E is successfully completed, and the management decision is made to implement the CL31 at the remaining NWS and FAA ASOS locations, the production units will be provided

to the field for installation. Since the CL31 is considered an equipment replacement effort to meet the form, fit, and function of the current CT12K ceilometer, there is no urgency to replace the existing CT12K in order to take advantage of any new capabilities for a specific weather season or a specific geographical area of the ASOS network. The immediate goal is to replace the existing CT12K ceilometers, thereby creating spare parts to support the remaining CT12K sensors, until all the CL31 ceilometers are installed.

In order to efficiently and effectively generate spare parts for the remaining CT12Ks, the first stage of the implementation of the CL31s will begin in the southern and central areas of the United States. This approach will help keep installations on schedule whether implementation begins in winter or summer. During this stage the replaced CT12Ks will be shipped to the logistics center in Kansas City, Missouri for processing. Shipping replaced CT12Ks from locations closer to Kansas City, Missouri will help reduce shipping costs.

The second implementation stage will be entered after it has been determined that an adequate number of spare parts has been obtained. This determination will be the responsibility of the logistics supply center in Kansas City, Missouri. During the second stage, the replaced CT12K sensors will be disposed of locally. There will be no need to incur shipping costs for unnecessary spare parts to support the remaining CT12Ks. Therefore, implementation of the CL31s in both the NWS Pacific and Alaska regions will occur during this stage. All excess CT12Ks will not be used for any other observing program.

During each implementation stage, installation priority will be given to ASOS sites that are also Local Climatological Data (LCD) sites. There are currently 255 LCD ASOS locations. The NWS and FAA sponsor 235 and 20 LCD sites, respectively. This priority is being provided to support the climate community in case the decision is made to report clouds to 25,000 feet.

It has been estimated that Vaisala can deliver a minimum of 45 new ceilometers (CL31) per month. Current projections indicate that each NWS Weather Forecast Office (WFO) can retrofit as many as two ASOS sites per month. If adequate funding is available and if there is no reduction in ceilometer manufacturing, and there are no other negative impacts that would affect CL31 availability or installations, then under these conditions, all of the CT12K ceilometers could be retrofitted within two years from the start date of the implementation of the CL31 sensors.

1.0   Introduction

1.1   Background

The first Automated Surface Observing System (ASOS) to be commissioned was Alamosa, Colorado on September 1, 1992. Currently, there is a total of 884 commissioned ASOS sites sponsored by either the National Weather Service (NWS) or the Federal Aviation Administration (FAA). All of these sites are generating Aviation Routine Weather Reports (METAR) / Aviation Selected Special Weather Reports (SPECI) to support NWS operations and the National Airspace System (NAS).

The legacy Cloud Height Indicator (CHI) sensor initially deployed with ASOS was the Vaisala CT12K ceilometer. This sensor detects the lowest cloud element over the sensor to a height of 12,600 feet. ASOS collects 30 minutes of data from the CT12K to generate a sky condition report to a height of 12,000 feet. This report includes both layer heights and amounts (e.g., clear, few, scattered, broken, overcast, and vertical visibilities) for a total of up to three detected layers.

In late 1998, Vaisala discontinued production of the CT12K ceilometers with an agreement to provide logistical support for the sensor through 2005. The NWS repair depot located in Kansas City, Missouri had an adequate inventory of logistical parts to support maintenance of the CT12K for at least two additional years (i.e., 2007). Therefore, a new ceilometer needed to be developed, tested, and deployed for the ASOS network.

The new ceilometer that was developed and tested is a modified Vaisala CL31. The CL31 uses a pulsed diode laser Light Detection and Ranging (LIDAR) technology, where short, powerful laser pulses are sent from the sensor in a vertical direction. The reflected light (backscatter) from the clouds, precipitation, or other obscuration is analyzed and used to determine the height of the cloud base, or the vertical visibility into the surface-based obscuration.

The CL31 also employs enhanced single lens technology that helps to ensure a strong and stable signal over the entire range of measurement. This helps to provide greater reliability during precipitation, low clouds, and surface-based obscurations. This new ceilometer can provide measurements from the surface to 25,000 feet.

The ASOS sky condition algorithms will not change with the implementation of the CL31. The sky condition reports included in the METAR / SPECI reports will continue to provide conditions from the surface to 12,000 feet. Software to interface the CL31 to ASOS, as well as new maintenance features for the CL31, were included in ASOS software version v2.79S. These interfacing capabilities and new maintenance features will be included in all future ASOS software loads.

1.2   Purpose

The purpose of this document is to provide a strategy for the implementation of the Vaisala CL31 ceilometer into the ASOS network at both NWS and FAA locations. This implementation is to provide a smooth transition from the current CT12K ceilometer with minimal negative operational impacts. The plan identifies major implementation activities and organizational responsibilities required for a smooth transition into operations.

1.3   Scope

This plan describes activities related to the implementation of the CL31 ceilometer beginning with the successful completion of the Operational Test and Evaluation (OT&E). After both the completion of the OT&E and the positive management decision to move forward with national implementation, the CL31 will be installed using a "phased" implementation approach. The activities related to this approach will be described in detail.

This plan applies to all 884 NWS and FAA locations.

1.4   Applicable Documents

Below is a list of the applicable documents required for the implementation of the CL31. The website where the document is available is also provided. If the document is not available from a website, then the document can be obtained from the authoring office and the point-of-contact listed in Section 1.5. (A list of organizational codes is provided in Appendix B.)

     a. System Integration Test (SIT) Plan for the ASOS Replacement Ceilometer

        The SIT plan was written by W/OST11, ASOS Product Improvement. It is an engineering test to ensure the CL31 is able to interface with the ASOS software v2.79S. It demonstrates that the new ceilometer can communicate with ASOS and successfully input its data for ingest into the METAR / SPECI reports. This test was conducted by W/OST11 and witnessed by W/OPS24, W/OPS22, W/OPS12, FAA, and DOD. The final SIT test report was published August 2008.

     b. System Test (ST) Plan for the ASOS Replacement Ceilometer (CL31)

        The ST plan is written by W/OPS24, Test and Evaluation Branch. Using the appropriate software, the integration of the CL31 is tested using test systems at both NWS Headquarters and at the Sterling Field Support Center (SFSC). This testing is conducted by W/OPS24.

c. Installation Instructions for the ASOS Replacement Ceilometer (CL31)

The Installation Instructions are written by W/OST11 and provided to the NWS Maintenance Branch, W/OPS12. These instructions outline critical installation and maintenance procedures for the electronics technicians. The maintenance branch will use this information to generate the ASOS Modification (MOD) Note 92, for Engineering Handbook (EHB) - 11. The ASOS MOD Note will be used, and revised if necessary, during the OT&E.

d. ASOS MOD Note 80 – EHB-11

Installation of the CL31 will require a software upgrade to the Acquisition Control Unit (ACU) and a firmware upgrade to the Data Collection Package (DCP). ASOS MOD Note 80 will provide detailed instructions for performing these upgrades. The Maintenance Branch, W/OPS12, has overall responsibility for updating this document.

e. ASOS MOD Note 92 – EHB-11

Using the Installation Instructions from W/OST11, the Maintenance Branch, W/OPS12, will generate the ASOS MOD Note 92. A draft version of the note will be used during the OT&E. The final version will be used by the electronics technicians during the ceilometer's national implementation.

f. ASOS Request-for-Change (RC) to start the OT&E

After successful completion of the SIT and ST, and an affirmative decision to begin the OT&E by the ASOS Test Review Board (ATRB), an RC will be written by W/OST11 to install the replacement ceilometer at the sites designated to participate in the OT&E. (This RC has already been submitted by OST11.) Requirements / Change Management Branch , W/OS12, will provide administrative support for the processing of the RC.

g. Operational Test and Evaluation (OT&E) Plan for the ASOS Replacement Ceilometer (CL31)

This plan will test the CL31 in an operational setting at approximately 22 ASOS locations. The locations will be comprised of sites with differing sensor configurations and climate regimes. The OT&E is not only a means to test the CL31 in an operational setting, but it is also a means to determine if the logistical

infrastructure, the support facilities, documents, etc., are ready to install the CL31 nationally. W/OPS24 is responsible for writing the plan, as well as implementing and managing this activity. (http://www.weather.gov/ops2/ops24/documents/asos_ceilometer.htm)

h. CL31 Ceilometer Meteorological Comparison Evaluation Plan

This evaluation will compare ASOS sky reports generated from both the CT12K and CL31 ceilometers. This activity will start with the ST and may extend into OT&E, if necessary. Any significant differences in the sky reports will require analysis and explanation. The results of this evaluation will be factored into the OT&E results. These results will guide management in making a national deployment decision for the CL31. Any information concerning the results of the comparisons, which may affect the ASOS user community, will be incorporated into the ASOS Technical Implementation Notice (TIN). W/OPS24 is responsible for writing the plan, as well as implementing and managing this activity. (http://www.weather.gov/ops2/ops24/documents/asos_ceilometer.htm)

i. Request-For-Change (RC) for CL31 National Deployment

After a successful completion of the CL31's OT&E, and a favorable management decision by the ATRB for national deployment of the CL31, W/OST11 will write an RC for the CL31's national deployment. Requirements / Change Management Branch , W/OS12, will provide administrative support for the processing of the RC.

1.5   Points of Contact

A list of contacts that may address additional areas concerning the CL31's development, testing, installation, maintenance, logistics, deployment, and operations is included below.

ASOS Product Improvement Program Manager (APIPM)
John Monte – W/OST11
301-713-1975 x160
john.monte@noaa.gov

Provides overall program management oversight and program support during the CL31's development. Also provides ceilometer interface and ACU/DCP software interface support, and management of the SIT.

Ceilometer Contracting Officer Technical Representative (COTR)

Joel Williams – W/OST11
301-713-3400 x 114
joel.williams@noaa.gov

Serves as the technical focal point for the ceilometer.

Chief, Test and Evaluation Branch

Jerald Dinges – W/OPS24
301-713-0326 x 160
jerald.dinges@noaa.gov

Provides management for ST, OT&E, and the CL31 Ceilometer Meteorological Comparison Evaluation activities.

Test Director (Test and Evaluation Branch)

Joseph Fiore – W/OPS24
301-713-0326 x 177
joseph.fiore@noaa.gov

Directs the CL31 Ceilometer Meteorological Comparison Evaluation and OT&E test activities.

Chief, Observing Systems Branch

Joseph Facundo – W/OPS22
301-713-2093 x 101
joseph.facundo@noaa.gov

Provides management for the development of the ASOS Implementation Plan for the Vaisala Ceilometer – CL31.

Chief, Maintenance Branch

Al Wissman - W/OPS12
301-713-0259 x 133
al.wissman@noaa.gov

Provides management for the development of and revisions to the EHB-11, ASOS MOD Notes. MOD Note 92 provides instructions for the installation of the CL31 ceilometer. MOD Note 80 provides instructions for the installation of new ACU software and DCP firmware.

Requirements/Change Management Branch
>Deborah Lavine – W/OS12
>301-713-1706 x 149
>deborah.lavine@noaa.gov

>Provides administrative support and processing of RCs.

2.0   Pre-Operational Implementation Activities

The CL31 will undergo a series of tests and an operational evaluation prior to being implemented for operational use nationally. These pre-operational implementation activities represent the transition from the development / test phase to the operational implementation phase.

The success of the SIT will allow the CL31 to enter the ST. After the ST is successful, and the decision is made by the ATRB to enter the OT&E phase, the CL31 will be installed at the designated OT&E sites. At this point, an OT&E checklist will be verified to assure the logistics (spares and any depot test equipment), maintenance, training, and documentation requirements have been met in order to proceed with formal national deployment. Running in parallel to the SIT, ST, and OT&E (if necessary) will be the CL31 ceilometer meteorological comparison evaluation effort. The results of this evaluation will be factored into the OT&E results. These results will guide management in making a national deployment decision for the CL31. In essence, the OT&E is an evaluation of all the necessary components to ensure a successful national deployment.

The ASOS Implementation Plan for the Vaisala Ceilometer – CL31 addresses activities for national implementation at both NWS and FAA locations. Development and testing activities are addressed in documents dealing specifically with those areas. (See Section 1.4 Applicable Documents.) This plan will focus on the activities required for national implementation beginning with the successful completion of the OT&E.

3.0   Operational Implementation Planning Activities

This section gives an overview of the planning activities which immediately precede and lead to national Operational Implementation (OI). These OI planning activities are the transition between CL31 testing and national OI. They begin during the OT&E and are to be completed before the start of the OI. The Deployment Readiness Review (DRR) decision to begin the OI provides the requisite authority, guidance, and direction for their completion. This section describes the planning activities necessary to initiate the follow-on implementation activities and identify the office(s) responsible for their accomplishment. These planning activities include: planning/decision, logistic support, and operational support. They are accomplished in parallel and are completed by the start of the OI. National OI begins when the first CL31 is installed and

operationally activated at a site following completion of the OT&E. The following planning activities should be accomplished before the start of national OI.

3.1   Planning/Decision Activities

This section describes those plans and associated decisions which must be completed before the start of OI. These plans and decisions are essential for orderly and efficient execution of the OI. This description identifies the office(s) responsible for completion of each plan or related decision. (An ASOS National OI Check List for the CL31 is provided in Appendix C.) These planning/decision activities include:

A. Prepare CL31 Implementation Plan: OPS22 will develop and coordinate the execution of the OI plan for the CL31. It defines all activities for successful completion of the national OI.

B. Depot Spares Modeling: The Mean Time Between Failure, a system's Expected Life Cycle, and a base number of Operational Systems Fielded are among the variables used by the Logistics Branch (OPS14) to run a depot spares model. This will determine how many spares are needed to operationally support the CL31. These variables will be provided to OPS14 by the CL31 COTR, OST11. Once the Field Replaceable Units (FRU) are identified by OPS14, stock numbers will be assigned and shelf space at the National Logistics Supply Center (NLSC) will be reserved. The number of required spares will be provided to the APIPM (OST11) prior to the full-scale production and acquisition management decision.

C. RC for National OI: Concurrent with the preparations of the preliminary OT&E and the CL31 Meteorological Comparison Evaluation reports, and a recommendation from OPS24 to proceed with national OI, the Chair of the ASOS Configuration Control Board (ACCB) will initiate action to prepare and submit an RC for national OI. This RC contains an Engineering Change Notice with parts to be added and/or deleted to/from the baseline and lists all locations included in national OI. The ACCB will consider the preliminary OT&E and CL31 Meteorological Comparison Evaluation reports, and the recommendation from OPS24 in their deliberations and voting on the RC. This RC will be written by OST11.

D. Full-Scale Production and Acquisition Management Decision: If the RC is not approved by the ACCB, it will be referred back to the submitter (OST11) for rectification and resubmission in accordance with established ACCB procedures. Upon ACCB approval of the RC for national OI, the Chair of the ACCB will endorse the RC and recommend national OI to the ASOS Program Management Committee (APMC). The Chair of the APMC (OPS2) will coordinate the APMC management decision. Upon receiving the APMC management decision approving the CL31 operational procurement, the APIPM will notify the CL31 COTR (OST11) to procure the CL31 sensors necessary for national OI. This notification will customarily be made upon receipt of the final OT&E and CL31 Meteorological Comparison Evaluation reports, and the recommendation from OPS24 to

proceed with national OI. If the final reports do *not* support proceeding with national OI, then the APIPM will suspend procurement activity until the critical issue(s) cited in the report is/(are) satisfactorily resolved. The actual procurement may occur in batches with staggered delivery dates. The planned deployment schedule will phase with the actual delivery dates and lag slightly to allow adjustment and alignment of the delivery and installation schedules.

E. National OI Deployment Decision: Upon successful completion of either the full, or partial phased group OT&E, receipt of both the OT&E and CL31 Meteorological Comparison Evaluation reports, a positive recommendation from OPS24, and receipt of the appropriate ACCB/APMC management approval for full-scale production and acquisition, the APIPM will conduct a DRR. The DRR will make a positive or negative deployment decision for the larger group of sites. The DRR decision team will consist of managers from various NWS Headquarters offices and will be specifically identified by the APIPM. A positive deployment decision will be announced by the APIPM. This will allow other ongoing deployment planning and execution activities to continue to completion for the designated group of sites.

F. Identify OI Installation Locations: OPS22 will coordinate the selection of locations for each procurement group with the appropriate NWS and FAA offices. This implementation plan addresses all 882 ASOS locations in the combined NWS and FAA base program, plus 2 additional post-base program locations (Total: 884 sites). These locations are identified in Appendix E (CL31 Installation Sites).

G. Develop OI Strategy: A key element of the OI is the implementation strategy. Since not all CL31 MOD kits will be available initially to all technicians, an installation strategy is needed to ensure distribution of MOD kits during the production cycle. OPS22 will establish the draw rate strategy for the CL31 MOD kits and the installation sequence strategy. The basic elements of this strategy are described below.

   1. Draw Rate Strategy

   Initially, OPS12 will issue the first two CL31 kits to each WFO as stock is received at the NLSC (CCx2). These first two kits are the spare kit and the first installation kit. OPS22 will coordinate a planned installation strategy with the ASOS Regional Focal Points (RFP). The ASOS RFP shall coordinate the installations with the WFOs responsible for the maintenance of the ASOS sites. OPS22 will coordinate with OST11 to ensure that the needed CL31 units will be available. Then OPS22 will request that OPS12 issue the needed requisition(s) to NLSC. NLSC will then ship the necessary CL31s to the responsible WFOs for installation at the ASOS locations specified by OPS22 and the RFPs. NLSC will strive to fill the draw requests in the order they are received. OPS12 will record each requisition number in its database.

2. Installation Sequence Strategy

The initial kit acquired by each WFO must be the spares kit. The spares kit includes those components most likely to require maintenance, repair, or replacement, whereas the operational MOD kit contains all components needed for complete installation and operation. The succeeding operational MOD kits may be implemented with consideration of the following criteria:

a) General Strategy: National OI will be conducted in a two stage approach. The first stage will consist of installations at sites located in the central and southern sections of the United States (US). This comprises sites near the NLSC facility in Kansas City, Missouri. This stage will be completed when the required number of CT12K spares is obtained at NLSC. During the second stage installations will be more uniformly distributed across all NWS regions. The replaced CT12Ks are to be disposed of locally and the remaining sites may install the CL31 sensors as time and supplies permit. Since this is an equipment replacement effort, there is no advantage to defining additional subgroups after NLSC CT12K sparing requirements are met.

It has been estimated that Vaisala can deliver a minimum of 45 new ceilometers (CL31) per month. Current projections indicate that each WFO can retrofit as many as two ASOS sites per month. Due to the weight of the CT12K sensor, two people are required for installation.   If adequate funding is available and if there is no reduction in ceilometer manufacturing, and there are no other negative impacts that would affect CL31 availability or installations, then under these conditions, all of the CT12K ceilometers could be retrofitted within two years from the start date of the CL31 implementation.

b) Prior to national OI, the first group of sites to be implemented is those included in the OT&E. These sites will be considered operationally implemented at the successful conclusion of the OT&E and with an affirmative DRR decision. If the OT&E site is not to be included in any sensor data continuity study, then the replaced CT12K sensor will be disposed of in accordance with MOD Note 92.

c)   It is the goal of the second group to provide additional spare CT12K sensors to support the remaining CT12K sensors used operationally. These sites will be selected from the central US, i.e., the NWS central and southern regions. It is hoped that shipping costs from these sites to the National Reconditioning Center (NRC) / NLSC will be less than shipping costs from sites at a greater distance from Kansas City, Missouri.

The sites included in the second group will be dependant on the time of year when the national OI begins. If national OI begins during the period from late spring to early

fall, then sites included in Illinois, Missouri, Iowa, Nebraska, Kansas, and Colorado will be given priority for installation. If national OI begins from late fall to early spring, then sites in the south-central US (i.e., Oklahoma, Arkansas, Louisiana, Texas, and New Mexico) will be given priority. However, exceptions to the above may occur if there is a mild winter period. For example, if a mild winter period occurs, the NWS central region might decide to install CL31 sensors in the upper Midwest.

The actual implementation order of the sites in this group is left to the regions. Preference should be given to sites with greater operational problems and associated maintenance costs. No special trip is necessary when installing the CL31. It should be installed when a preventative or corrective maintenance action is otherwise initiated, if possible.

The FAA sponsored sites are fully funded for CL31 installations. Ceilometers funded by the FAA are to be installed at FAA sponsored sites only. The NWS has obligated funding for 155 production CL31 ceilometers. Current NWS funding projections will support an additional 20 ceilometers per year for NWS sponsored sites. (Restoration of funding to support procurement of all required NWS sensors by Fiscal Year (FY) 2011 has been requested.) Ceilometers funded by the NWS are to be installed at NWS sites. When selecting sites for CL31 installation, priority should be given to those sites that are Local Climatological Data (LCD) sites. There is a total of 255 LCD sites. Twenty LCD sites are sponsored by the FAA and 235 are sponsored by the NWS. Since the FAA sites are fully funded, the FAA sites will be installed at a much faster rate than the NWS sites.

Sites in this group will be shipping their replaced CT12K ceilometers to NRC / NLSC to be used as spares. After a sufficient number of spares has been reached, then the third group of sites will be installed.

d) The third group of sites to be implemented will be disposing of the replaced CT12K sensors locally. There will be no need to incur the shipping costs of sending the CT12K to NRC / NLSC. Unless otherwise directed, the CT12K is to be disposed of locally. The remaining sites may install the CL31 sensors as time and supplies permit. When selecting sites, priority will be given to LCD sites.

As with the second group, the actual implementation order of the sites in the third group is left to the regions. Preference should be given to sites with greater operational problems and associated maintenance costs. No special trip is necessary when installing the CL31. It should be installed when a preventative or corrective maintenance action is otherwise initiated, if possible.

The FAA sponsored sites are fully funded for CL31 installations. Ceilometers funded

by the FAA are to be installed at FAA sponsored sites only. The NWS has obligated funding for 155 production CL31 ceilometers. Current NWS funding projections will support an additional 20 ceilometers per year for NWS sponsored sites. (Restoration of funding to support procurement of all required NWS sensors by FY 2011 has been requested.) Ceilometers funded by the NWS are to be installed at NWS sites. When selecting sites for CL31 installation, priority should be given to those sites that are LCD sites. There is a total of 255 LCD sites. Twenty LCD sites are sponsored by the FAA and 235 are sponsored by the NWS. Since the FAA sites are fully funded, the FAA sites will be installed at a much faster rate than the NWS sites.

3.2   Logistic Support Activities

This section describes those logistic activities which must be completed before the start of the national OI. This description identifies the office responsible for completing each activity. These activities include:

A. Procurement: Full-production and procurement of the CL31, associated equipment, and their delivery to NLSC will be managed by OST11. This function includes serving as the COTR. Upon notification of approval of the full-production contract award by the ACCB, OST11 will coordinate the issuance of the production contract with the Contracting Officer (CO). A production rate and procurement schedule will be established by OST11 at time of contract award.

B. Supply Support Strategy: All procured full-production CL31 sensors will enter the supply channel through the NLSC. OPS14 will establish a national stock number for the CL31 kit. MOD Note 92, issued by OPS12, will inform field technicians how to order this kit after initial issue. Initial issue will be requisitioned by OPS12. **Note:** Each WFO having an ASOS technician must have a spare kit on hand before installing their first site.

C. Installation and Maintenance Coordination: OPS12 will coordinate all activities for installation and maintenance of operational CL31 sensors at designated locations in consonance with the planned OI installation sequence. These activities include scheduling the technician installation and check-out of the CL31, providing support equipment, maintenance documentation, and all necessary maintenance training.

D. Stock Kits at NLSC: The new CL31 and associated parts needed for installation will be stocked as a kit at NLSC. A National Stock Number (NSN) for this kit will be established by OPS14. OPS14 will manage all logistic support for the implementation of the CL31. NLSC will manage inventory of all necessary supplies, spares, modification kits, and fill requisition orders from both field technicians and OPS12.

3.3   Configuration Management (CM) Activities

This section describes CM activities for the CL31 during the pre- and post-OI period. The CM activities assure the CL31 functional and physical characteristics are identified and documented. All changes to the CL31 and related equipment are documented in the Engineering Management Reporting System (EMRS) and go through the NWS change management process. The Requirements and Change Management Branch (OS12) performs periodic audits to ensure the CL31 still conforms to its specifications, engineering drawings, interface control documents, etc.

   A. **Audits:**   Audits will be accomplished to verify that the final tested and accepted configuration of the CL31 meets all approved requirements.

   B. **Functional Configuration Audit (FCA):** The FCA will be performed on the production unit and it should be one of the units used during the OT&E. The test results of the unit tested must conform to the requirements specifications and will represent the baseline of all units implemented. Any changes required during this implementation must be re-audited and baselined in order to assure total compatibility throughout the entire network.

   C. **Physical Configuration Audit (PCA):** The PCA will be completed after the FCA to assure that the configuration baseline will comply to all required configurations and markings. The PCA will ensure that the documentation reflects the individual components and that the engineering documentation represents the baselined system and interfaces. The FCA must end before PCA ends, but PCA can start before FCA ends.

   D. **Configuration Status Accounting (CSA):** The CSA tracks the installation of the CL31s at the individual ASOS sites. The current status of MOD Note 92 implementation may be viewed at the ASOS CM Web site: http://cmhome.nws.noaa.gov, then select "ASOS CM," and then select "site information."

3.4   Operational Support Activities

This section describes documentation, training, user notification, and validation activities which must be completed before the start of the OI. This section identifies the office(s) responsible for completion of each activity. These activities include:

   A. **Documentation:** The following documentation will be provided to the implementation and operational personnel at the responsible WFO prior to OI of a given site:

      1. EHB-11, MOD Note 92 will be provided to WFO technicians by OPS12 for installation and follow-on maintenance activities. MOD Note 92 will be provided prior to the start of scheduled OI.

2. <u>EHB-11, MOD Note 80</u> will be revised to address the installation instructions for both the new ACU software and DCP firmware. These revisions will be provided by OPS12.

3. A <u>Maintenance Note</u> will be developed by OPS12 based on the final documentation from Vaisala. This note will address any maintenance activities until the <u>Site Technical Manual</u> is updated.

4. The <u>Site Technical Manual</u> will be updated to include maintenance instructions for the CL31. Chapter 7.1, revision B, will be created based on the <u>Maintenance Note</u> and any comments / revisions to the <u>Maintenance Note</u>.

5. <u>ASOS Software Release Notes</u> will be provided by OPS22, if required, to the NWS ASOS RFP for distribution to affected WFOs prior to the start of the scheduled OI. This will only occur if the CL31 is being installed with an ASOS software version that was developed for national deployment. Software version 2.79S (v2.79S) was developed as an interim software load specifically designed to provide an interface to ASOS for the new CL31 ceilometer. V2.79S was developed to support CL31 development and testing activities. Since v2.79S is a developmental software load, routine release note documentation is not provided. At this time, the next scheduled set of <u>Release Notes</u> will be developed for software version 3.01. <u>Release Notes</u> are distributed by OPS22 to designated FAA focal points and made available (as appropriate) to Department of Defense (DOD) offices for distribution to their affected facilities.

6. Any update to <u>NWS Directives System</u> (NDS) Chapters will be provided by the appropriate Weather Service Headquarters Office to the WFOs prior to OI. OS7 will coordinate production and distribution of the updates. OPS22 will monitor and ensure timely compliance.

7. Any update to the <u>ASOS Users' Guide</u> and other related ASOS documents will be funded by the agency requiring the update and production management provided by OPS22. Updates will be provided to the WFOs and key focal points in other affected Federal agencies (FAA, DOD) prior to OI. Currently no updates are planned.

8. OPS22 will post the Final <u>ASOS Implementation Plan, Vaisala Ceilometer – CL31</u> on the Surface Observation Program website: http://www.nws.noaa.gov/ops2/Surface/asosimplementation.htm

B. Training: In the case of the CL31, there is no functional change and therefore no observer training is required. Maintenance training will be modified to include the CL31. After completion of the <u>CL31 Ceilometer Meteorological Comparison Evaluation</u>, if any differences are noted in the reports provided by the CL31, as compared to the CT12K, these noted differences will be made available to the user community. OS5 will be responsible for providing this information to the user community.

C. Pre-Implementation User Notification: Any planned change in operations or disruption in service must be documented and distributed to the affected user community prior to actual execution of the change. This notification is intended to give users ample time to make necessary adjustments to automated equipment and procedures prior to the implementation. This notification may take many forms including, Public Notification Statement via Advanced Weather Interactive Processing System (AWIPS), notification via Family of Services, Notice To Airmen (NOTAM), notification of the local airport authority, and notification of national and international user communities through NWS Telecommunications Gateway. OPS22 will coordinate with various organizations to ensure these notifications are disseminated. In the case of the CL31, if there is any functional change in the sky condition reports noted from the CL31 Ceilometer Meteorological Comparison Evaluation report, then user notification will be required. This notification will be provided in a Technical Implementation Notice (TIN) written by OPS22. The TIN will be provided to OS5 for coordination and distribution. Additional operational impact briefing materials and documentation may be prepared by OPS22, if necessary.

If a functional change is noted then each WFO will issue a Public Notification Statement (PNS). The PNS will describe the change and its impact to all affected users on a case-by-case basis. This will occur until all scheduled sites in their area of responsibility have been implemented. The PNS for each site should be issued 48-72 hours prior to CL31 implementation. The following template should be modified as appropriate and used for this PNS.

> NOUS41 KWBC 102220 PNSWSH
> PUBLIC INFO. STATEMENT...TECHNICAL IMPLEMENTATION NOTICE 02-30A
> NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC 420 PM EST
> MONDAY MARCH 10 2003
>
> TO: FAMILY OF SERVICES /FOS/ SUBSCRIBERS...NOAA WEATHER WIRE
> SERVICE /NWWS/ SUBSCRIBERS...EMERGENCY MANAGERS WEATHER
> INFORMATION NETWORK /EMWIN/ SUBSCRIBERS...OTHER NATIONAL WEATHER
> SERVICE /NWS/ CUSTOMERS OF AVIATION DATA AND FORECASTS...NWS
> EMPLOYEES
>
> FROM: KEVIN SCHRAB CHIEF...OBSERVING SERVICES DIVISION
>
> SUBJECT: AUTOMATED SURFACE OBSERVING SYSTEM /ASOS/ CEILOMETER
> REPLACEMENT
>
> THE FOLLOWING CHANGES HAVE NO DIRECT IMPACT ON NOAA WEATHER WIRE
> SERVICE SUBSCRIBERS
>
> THE AUTOMATED SURFACE OBSERVING SYSTEM /ASOS/ PRODUCT
> IMPROVEMENT PROGRAM WILL SOON DEPLOY A REPLACEMENT
> CEILOMETER…SKY CONDITION OBSERVING SENSOR. THE NEW SENSOR WILL
> REPORT SKY CONDITION INFORMATION USING……
>
> (Describe any significant results noted in the CL31 Ceilometer Meteorological Comparison Evaluation report.)

THE FOLLOWING ASOS LOCATIONS WILL TRANSITION TO THE NEW CEILOMETER CONFIGURATION ON THE INDICATED DATES:

(Insert the SID…STATION NAME…CONFIGURATION DEPLOYMENT DATE of the ASOS sites.)

IF YOU HAVE ANY QUESTIONS ABOUT THIS CHANGE...PLEASE CONTACT ONE OF THE FOLLOWING INDIVIDUALS AT NWS HEADQUARTERS:

LAURA A. COOK
SURFACE OBSERVATIONS PROGRAM MANAGER
PHONE: 301-713-1792 X 126
E-MAIL: LAURA.COOK@NOAA.GOV

OR

JOHN MONTE
ASOS PLANNED PRODUCT IMPROVEMENT PROGRAM MANAGER
PHONE: 301-713-1975 X160
E-MAIL: JOHN.MONTE@NOAA.GOV.

OR

DAVID MANNARANO
OFFICE OF OPERATIONAL SYSTEMS
PHONE: 301-713-2093 X 103
E-MAIL: DAVID.MANNARANO@NOAA.GOV

THIS AND OTHER NWS TECHNICAL IMPLEMENTATION NOTICES ARE AVAILABLE ON THE INTERNET AT /USE LOWER CASE/:

http://www.nws.noaa.gov/om/notif.htm

END $$ NNNN

D. Verify Completion of all Operational Implementation Planning Activities: The preceding activities must be completed before commencement of the OI activities. The OPS22 Implementation Manager will ensure all prerequisite activities are verified as completed. Furthermore, OPS22 will have informed the implementation team of the schedules, responsibilities, and procedures for the OI. This will be done through ongoing coordination and formal issuance of this plan.

4.0 OPERATIONAL IMPLEMENTATION (OI) ACTIVITIES

This section gives a comprehensive description of the OI activities. It describes the implementation activities necessary to initiate operational activation of the CL31 and identifies the office(s) responsible. These activities include: Implementation Management; Acquisition; Installation; and OI Monitoring and Coordination. They are accomplished in parallel during the OI activities phase.

4.1 Implementation Management Activities

This section describes those activities to initiate, monitor, coordinate, and manage change during the CL31 implementation process. The main aspects of implementation management are initiation, oversight, and monitoring.

A. **Implementation Management Decision:** The APIPM will initiate implementation activities upon receipt of a positive deployment decision by the DRR Group. The first deployment group will be the sites to support the OT&E. The DRR Group will have to approve deployment for each subsequent group of sites. OPS22 will identify the specific sites in each group approved for deployment and will post the list of sites on the Surface Observation Program web page: **http://www.nws.noaa.gov/ops2/Surface/index.htm**

B. Oversight Responsibilities: OPS22 has overall responsibility for managing and coordinating the OI activities. These responsibilities include ensuring CL31 implementation is executed according to plan and coordinating any necessary adjustments with key participants. This includes coordination with: OPS24 for managing the successful completion of all prerequisite testing prior to OI; OST11 for monitoring acquisition and delivery of MOD kits and other materials necessary for implementation to NLSC; OPS13 for tracking MOD Note 92 completions in accordance with this implementation plan; OPS14 for managing the logistics supply, repair; OPS12 for managing the distribution of OI MOD kits and other materials, and the installation and maintenance activities; and the NWS RFP for managing and coordinating all implementation activities within their respective regions. Several implementation database reports exist to track site implementation changes.

These reports are routinely updated and made available to OPS22 and other offices involved in implementation activities. OPS22 will manage the databases and coordinate their availability to other implementation partners.

The RFPs have a unique responsibility to fine tune and manage the implementation sequence within the region, and coordinate with the local WFO to resolve implementation issues and ensure a successful implementation. The RFPs will compile and forward 30-day implementation status reports to OPS22 via e-mail. These status reports will include the newly completed site check list, (Appendix D) and the 30-day Evaluation Reports from the WFO. The status reports will only be forwarded to OPS22 when the problems noted by the WFO either cannot be resolved at the regional level or have national impact.

C. Check List: A key component of the oversight responsibilities is monitoring the status and progress of the implementation. A two part check list tool has been developed to assist in this activity. The purpose of the check list is to ensure that all essential activities described in this document are completed as scheduled. The check list follows the general organization of this plan. The national-level check list (Appendix C) is completed by OPS22 and the site-level check list (Appendix D) is completed by the responsible WFO.

National-Level Check List: This part is completed once by OPS22. It applies to all locations subject to OI. It is completed prior to the beginning of the OI process for the first full or partial phased deployment of the CL31.

Site-Level Check List: This part is completed by the responsible WFO for each site which is implemented. The Meteorologist-In-Charge (MIC) at each WFO is responsible for ensuring this check list is completed and sent forward in a timely manner (within 24 hours, see below). This includes annotating the check list with the completion dates (mm/dd/yy) of those items for which the WFO is designated as the Office of Primary Responsibility (OPR), and attaching a brief narrative which describes any problems encountered and any solutions found or recommended. Both the check list and narrative will be retained on site for 6 months. A copy will be forwarded via e-mail to the RFP within 24 hours upon completion only when the problems either cannot be resolved at the local level or have regional or national implications. The RFP will compile these check lists and narratives into a monthly e-mail status report to OPS22 only when the problems noted by the WFO either cannot be resolved regionally or have national implications.

The RFPs will coordinate with the designated OPRs to ensure any remaining items are completed.

4.2 Acquisition Activities

This subsection describes those activities involved in acquisition, stocking, and distribution of the operational CL31 MOD kits.

A. Verify Start of OI: OPS22 will verify the start date of the OI.

B. Monitor & Validate Delivery: As the COTR, OST11 will monitor and ensure timely delivery of all planned production units to the NLSC. Any discrepancies or delays in scheduled delivery of the CL31 to NLSC will be reported by NLSC to OST11 in a timely manner. Throughout the production cycle OPS161 (National Reconditioning Center, Technical Inspection & Material Reception Branch) will perform a quality assurance function on units being delivered to the NLSC, report any discrepancies and provide remediation recommendations to the CO.

C. Requisition Kits from NLSC: The first two kits will be issued to each WFO by OPS12 from the stock at NLSC. These kits are the spares kit and one initial kit for installation. The spares kit only includes those critical FRU components which are most likely to fail. Other components will be available from NLSC. For all subsequent installation kits, OPS12 will requisition the CL31 MOD kit from NLSC in accordance with the Draw Rate Strategy described in subsection 3.1, paragraph G.1.

4.3 Installation Activities

This section describes the appropriate documentation source which governs downloading of archive, installation, and checkout of the operational system.

A. Downloading of Archive: Not applicable.

B. Installation & Checkout: Field technicians will perform installation and checkout of the CL31in accordance with the MOD Note 92. Generally this process will take about 5 hours or less.

4.4 Monitoring & Coordination Activities

This subsection describes the monitoring and coordination activities associated with the OI which follow installation and checkout. These activities are executed in consonance with the oversight and check list activities described in subsection 4.1.C. They include installation notification, initiate maintenance monitoring and confirm operations, installation status reporting, and any necessary post implementation notification to users.

A. Installation Notification: Upon successful completion of installation and checkout, the Electronic Technician (ET) will update EMRS in accordance with MOD Note 92 and notify, via e-mail, the responsible WFO and RFP of this occurrence. (A sample A-26 is included as part of Appendix F.)

B. Initiate Maintenance Monitoring and Confirm Operations: The WFO, in conjunction with the ASOS Operations & Monitoring Center (AOMC), will begin routine maintenance monitoring.

    1. 30-Day Evaluation Report**:** The WFO will also conduct a 30-consecutive-day meteorological monitoring and evaluation of the data from the newly implemented site to ensure the data are complete, consistent with expected local conditions or independently confirmed as representative of unique meso-scale phenomena, and the system is operating normally. All discrepancies will be noted and reported to the RFP in a timely manner (usually within 2 business days). Upon the conclusion of the 30-day monitoring

period, the WFO will complete and forward to the RFP a narrative report on the results of the monitoring and evaluation only for those sites which they deem merit regional or national attention. The report shall include the identification of the location evaluated, the dates of the evaluation, the office and person conducting the evaluation, and the narrative. The narrative shall include a description of any discrepancies found which relate in any way to the implemented change, and any recommended solutions which act on the discrepancy.

2. <u>RFP Status Monitoring</u>**:** The RFP will closely monitor the status of the installation, checkout, and OI. The RFP will conduct periodic teleconferences with the field to assess installation, maintenance, and meteorological performance. When necessary, they will initiate timely corrective actions which are beyond the capability of the local WFO. They will also collect and compile the 30-day-implementation Evaluation Reports from the WFOs and forward those which they deem merit national attention to the OPS22 Implementation Manager. These reports will be sent on a monthly basis via e-mail.

3. <u>AOMC Status Monitoring</u>**:** The AOMC will monitor the operational status of the newly implemented CL31 site for 30 days to ensure proper functioning and availability of data from that site. The AOMC will monitor and report on the status of the implementation and apprise the OPS22 Implementation Manager of any unusual ASOS performance related to the CL31 during the 30-day monitoring period.

C. Installation Status Reporting Coordination: The AOMC will monitor the installation and implementation status of every site and provide daily reports. OPS22 will monitor the status and track the progress of the implementation from daily AOMC reports, periodic reports from the EMRS, Configuration Management Information System (CMIS), Management Information Retrieval System (MIRS), and monthly reports provided by the RFP. OPS22 will use these reports to provide weekly staff note updates for mid- and upper-level management on the status of the implementation, and initiate remedial corrective actions to resolve any difficulties and keep the implementation on schedule. The APIPM will use these reports to update monthly/quarterly management quad-chart reports for senior management briefings.

5.0   POST OI ACTIVITIES

The completion of the OI at each location marks the transition to post-implementation activities. This section gives a comprehensive description of the post-OI activities. The subsections describe the post-implementation activities necessary to integrate the new CL31into routine ongoing operations, and identify the office(s) responsible. These activities include: Post-Implementation User Notification; Operational Quality Control; Documentation; Disposition of Old Equipment; and Sensor Continuity Study. They may begin immediately upon operational activation and are accomplished in parallel.

A. Post-Implementation User Notification: Upon notification of successful initiation of service by the AOMC, OPS22 will issue notification of the change and its impact to all affected users on a monthly basis until all scheduled sites have been implemented.

B. Operational Quality Control: The responsible WFO will continue with normal monitoring of the operation of the newly installed CL31 beyond the initial 30-day monitoring period. This will ensure proper ongoing operation of both the installed unit and the entire system.

C. Operations and Maintenance: The WFO will perform maintenance on system components for which they are responsible. Any CL31 parts returned to NRC, which are still under warranty, will be returned by NRC (OPS16) to the CL31 vendor.

D. Documentation: Five operations are necessary to ensure proper documentation of changes to ASOS. They are: 1) data entry into the EMRS; 2) data entry into the CMIS; 3) data entry into the MIRS; 4) data entry into the ASOS System Maintenance Log (SYSLOG); and 5) the completion of and submission to National Climatic Data Center (NCDC) of WS Forms A-1, A-3, B-44, etc., to document meta-data changes at the site.

The EMRS Form A-26 update is accomplished by the ET as part of the OI. The Form A-26 is included in MOD Note 92. (A sample Form A-26 is included as part of Appendix F.) The regions will ensure the EMRS update is accomplished. The CMIS will be updated from new information in the EMRS. OPS13 will ensure this action is accomplished. The MIRS will be updated through the EMRS input to the CMIS. OPS22 will ensure that the MIRS staff makes timely updates to the MIRS. Upon completion of the installation, the ET will enter appropriate remarks into the ASOS SYSLOG to document this change in accordance with MOD Note 92. The WFO will complete applicable WS Forms A-1, A-3, B-44, and forward them to regional headquarters within 5 working days after implementation. They will then be reviewed by the region and submitted to NCDC. (Note: A-1 and A-3 forms are required for all ASOS locations; B-44 forms are also required for ASOS LCD sites.)

E. Disposal of Old Equipment: The NWS disposal policy for the CT12K sensors being replaced by the CL31 sensors is contained in the NWS disposal document written by OPS1 (OPS12, OPS14), in coordination with OS7. Specific procedures for disposal, in accordance with the disposal guidance, are included in MOD Note 92. The disposal policy for the CT12K is that until a predetermined number of spare CT12Ks is reached at NLSC, all CT12K ceilometers will be sent to NRC to be used as spares to support the remaining operational CT12K sensors. After a sufficient number of spares is reached, then the replaced CT12K sensors will be disposed of locally. The replaced CT12K sensors will not be used in any other observing program.

F.   Sensor Continuity Study: At a sub-set of implemented sites, a sensor data continuity study will be conducted to ensure identification of biases, or meteorological discontinuities, introduced into the climate record are documented. This study will last 1-2 years. Sites will be selected based on climatic considerations. OS4 will manage this activity.

APPENDIX A

Acronyms

Acronyms

ACCB	ASOS Configuration Control Board
ACU	Acquisition Control Unit
AOMC	ASOS Operations and Monitoring Center
APIPM	ASOS Product Improvement Program Manager
APMC	ASOS Program Management Committee
ASOS	Automated Surface Observing System
ATRB	ASOS Test Review Board
AWIPS	Advanced Weather Interactive Processing System
CHI	Cloud Height Indicator
CM	Configuration Management
CMIS	Configuration Management Information System
CO	Contracting Officer
COTR	Contracting Officer Technical Representative
CSA	Configuration Status Accounting
DCP	Data Collection Package
DOD	Department Of Defense
DRR	Deployment Readiness Review
EHB	Engineering Handbook
EMRS	Engineering Management Reporting System
ET	Electronics Technician
FAA	Federal Aviation Administration
FCA	Functional Configuration Audit
FRU	Field Replaceable Unit
FY	Fiscal Year
LCD	Local Climatological Data
LIDAR	Light Detection and Ranging
METAR	Aviation Routine Weather Report
MIC	Meteorologist-In-Charge
MIRS	Management Information Retrieval System
MOD	Modification
NAS	National Airspace System
NCDC	National Climatic Data Center
NDS	NWS Directives System
NLSC	National Logistics Support Center
NOTAM	Notice To Airmen

NRC   National Reconditioning Center
NSN   National Stock Number
NWS   National Weather Service

OI   Operational Implementation
OPR   Office of Primary Responsibility
OT&E   Operational Test & Evaluation

PCA   Physical Configuration Audit
PNS   Public Notification Statement

RC   Request-for-Change
RFP   Regional Focal Point

SFSC   Sterling Field Support Center
SIT   System Integration Test
SPECI   Selected Special Weather Report
ST   System Test
SYSLOG System Maintenance Log

TIN   Technical Implementation Notice

US   United States

WFO   Weather Forecast Office

APPENDIX B

List of Organizational Codes

Code	NWS Organization
CCx2	National Logistics Support Center
OPS11	Engineering & Acquisition Branch
OPS12	Maintenance Branch
OPS13	Configuration Branch
OPS14	Logistics Branch
OPS16	National Reconditioning Center
OPS161	National Reconditioning Center, Technical Inspection & Material Reception Branch
OPS22	Observing Systems Branch
OPS23	Software Branch
OPS24	Test & Evaluation Branch
OPS31	Operations Support & Performance Monitoring Branch
CIO12	Telecommunication Gateway Operations Branch (AOMC)
OS12	Requirements and Change Management Branch
OS4	Climate Services Division
OS5	Performance and Awareness Division
OS7	Observing Services Division
OST11	Program Management Branch

Code	FAA Organization
AUA-400	IPT* for Weather/Flight Service Systems
AUA-430	Weather Sensors and Aviation Weather Research Product Team
ATP-300	Flight Service Operations Division
ATP-310	Meteorological Support
AOS-700	Network Engineering Management Division
ARU-1	Air Traffic Systems Development Directorate
ARS-100	Aerospace Weather Policy Division
ARS-200	Aerospace Weather Standards Division
ATB-400	Surveillance IPT*

* - IPT is an Integrated Product Team

APPENDIX C

ASOS National Operational Implementation (OI) Check List
For
Vaisala Ceilometer – CL31

National Operational Implementation (OI) Planning Activities			
Item	Item Description	Responsibility	Completion Date
Implementation Planning/Decision Activities (Section 3.1)			
A.	Prepare CL31 Implementation Plan	OPS22	
B.	Provide Input and Run Depot Spares Model	OST11/ OPS14	
C.	Prepare RC for National OI	OST11	
D.	Full-Scale Production and Acquisition Management Decision by APMC	OST11	
E.	National OI Deployment Decision	OST11	
F.	Identify OI Installation Locations	OPS22	
G.	Develop OI (draw rate/installation sequence) Strategy	OPS22	
Logistic Support Activities (Section 3.2)			
A.	Initiate procurement/delivery of OI production units to NLSC	OST11	
B.	Initiate logistic support process for OI production units	OPS12/ OPS14	
C.	Coordinate installation & maintenance of OI production units	OPS12	
C.1.	Ensure all support equipment are available	OPS12	
C.2.	Ensure all necessary maintenance documentation is provided to technicians	OPS12	
C.3.	Ensure all necessary maintenance training is conducted	OPS12	
D.	Stock parts at NLSC	OPS14	
Configuration Management (Section 3.3)			
A	Audit Requirements	OS12	
B.	Perform Functional Configuration Audit	OPS13	
C.	Perform Physical Configuration Audit	OPS13	
D.	Configuration Status Accounting	OPS13	

National Operational Implementation (OI) Planning Activities			
Item	**Item Description**	**Responsibility**	**Completion Date**
OI Operational Support Activities (Section 3.4)			
A.1.	Provide MOD Note 92 to WFOs	OPS12	
A.2.	Provide MOD Note 80 to WFOs	OPS12	
A.3.	Provide Maintenance Note to WFOs	OPS12	
A.4.	Revisions to Site Technical Manual	OPS12	
A.5.	Provide Release Notes, if necessary, to WFOs	OPS22	
A.6.	Provide updates of appropriate NDS chapters to WFOs	OS7	
A.7.	Provide updates of appropriate user information materials to WFOs, FAA, DOD	OPS22	
A.8.	Post final version of ASOS Implementation Plan – CL31	OPS22	
B.1.	Provide maintenance training materials to WFOs	OPS12	
B.2.	Provide observer training materials	FAA ATP310	
B.3.	Conduct local operator/maintenance training	WFOs	
C.	Provide Pre-Implementation User Notification	OPS22 / OS5 / WFO	
D.	Verify completion of all OI planning activities	OPS22	
OI Management Activities (Section 4.1)			
A.	Implementation Management Decision	OST11	
Acquisition Activities (Section 4.2)			
A.	Verify start date for OI	OPS22	
B.	Monitor & validate delivery of all production units to NLSC	OST11	
C.	Requisition Kits from NLSC	OPS12	
OI Monitoring & Coordination Activities (Section 4.4)			
A.	Installation Notification	WFO	
B.	Begin routine maintenance monitoring	AOMC	
C.	Begin monitoring and reporting implementation status for all sites	AOMC	

C.	Begin monitoring implementation status reports and initiate coordination. Reports progress to mid- and upper-level management.	OPS22	
Post OI Activities (Section 5.0)			
A.	Issue post-implementation notification to affected users	OPS22	

APPENDIX D

ASOS Site Operational Implementation Check List
For
Vaisala Ceilometer – CL31

ASOS Planned Product Improvement
Operational Implementation (OI) Check List
Ceilometer Replacement – Vaisala CL31

ASOS Location (SID, Name, State):_____

Office completing this check list:_____

Date:_____

Item	Item Description	Responsibility	Completion Date
	Operational Support Activities (Section 3.4 C)		
A.	Provide pre-implementation user notification	WFO	
	Acquisition Activities (Section 4.2 C)		
A.	Requisition CL31 production units and kits from NLSC as needed	OPS12	
	OI Installation Activities (Section 4.3)		
A.	Download files for NCDC archive	WFO	
B.	Perform installation & checkout in accordance with MOD Note 92	WFO	
	OI Monitoring & Coordination Activities (Section 4.4)		
A.	Installation Notification	WFO	
B.1.	Begin 30-day monitoring & coordination	WFO	
B.2.	Begin 30-day monitoring & coordination	RFP	
B.3.	Begin 30-day monitoring & coordination	AOMC	
	Post OI Activities (Section 5.0)		
B.	Operational Quality Control: Monitor ongoing meteorological performance	WFO	
C.	Return unneeded CL31 parts to NRC	WFO	
D.1.	Ensure system changes are documented through EMRS	WFO / RFP/ OPS12	
D.2.	Ensure new EMRS data are documented in the CMIS	OPS13	
D.3.	Ensure CMIS documentation changes are entered into MIRS	OPS22	
D.4	Ensure completion and submission to NCDC of WS Forms A-1, A-3, B-44, etc., to document meta-data changes at the site.	WFO RFP	

E.	Dispose of old equipment in accordance with <u>MOD Note 92</u>	WFO	
F.	Conduct sensor continuity study at selected locations. (Begin 1-2 year study) Prepare and deliver report on results of sensor continuity study.	OS4	

APPENDIX E

NWS & FAA

CL31 Installation Sites

NWS & FAA CL31 Installation Sites

Please read the installation strategy found in subsections 3.1.G.1 (<u>Draw Rate Strategy</u>) and 3.1.G.2 (<u>Installation Sequence Strategy</u>) before proceeding with CL31 installations.

The NWS and FAA ASOS sites included in this Appendix have been sorted by each NWS region, then by the WFO within the region that is responsible for maintaining the ASOS, and then by the agency (NWS or FAA) which sponsors, i.e., owner, the site.

The following information is provided for each site: **SID** (Site Identifier); **CITY**; **STATE** (State or US Territory); **STATION NAME**; **REG** (NWS region); **WFO** (Weather Forecast Office responsible for the site's maintenance); **OWNER** (Agency (NWS or FAA) that sponsors the site.); **SERVICE** (FAA Service Level); **C1** (The DCP where the primary ceilometer is located); **C2** (The DCP where the meteorological discontinuity ceilometer is located); **C3** (The DCP where the backup ceilometer is located); and **TOTAL** (The total of FAA ceilometers (highlighted in green), the total NWS ceilometers, and the total of both the FAA and NWS ceilometers in the WFOs area of maintenance responsibility).

<u>Notes</u>:

1) The FAA sites have been highlighted in green since they are totally funded for this effort.
2) LCD sites are highlighted in orange for easy identification.
3) If a ceilometer is a local sensor and is not installed on a traditional DCP, LOCAL will be highlighted in read.

On the next page is a summary table of the number of CL31 ceilometers that will need to be installed.

Number of Ceilometers to be Replaced at FAA, NWS, and Misc Sites

NWS Region	Total	FAA	NWS	MISC
Alaska	46	28	18	
Central	235	148	87	
Eastern	234	139	95	
Pacific	11	1	9	1
Southern	231	148	83	
Western	188	114	73	1
Totals	945	578	365	2

Number of LCD Locations per FAA and NWS Sites

NWS Region	Total	FAA	NWS
Alaska	19	4	15
Central	66	3	63
Eastern	58	2	56
Pacific	5	0	5
Southern	62	9	53
Western	45	2	43
Totals	255	20	235

NWS CENTRAL REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
ATY		WATERTOWN	SD	WATERTOWN MUNICIPAL AIRPORT	CR	ABR	FAA	D	DCP1			
PIR		PIERRE	SD	PIERRE MUNICIPAL AIRPORT	CR	ABR	FAA	D	DCP1			2
8D3		SISSETON	SD	SISSETON MUNICIPAL AP	CR	ABR	NWS	D				
ABR	Y	ABERDEEN	SD	ABERDEEN, SD	CR	ABR	NWS	D	DCP1		DCP1	
MBG		MOBRIDGE	SD	MOBRIDGE MUNI AP	CR	ABR	NWS	D	DCP1			3
TOTALS									4		1	5
GLR		GAYLORD	MI	OTSEGO COUNTY AIRPORT	CR	APX	FAA	D	DCP1			
PLN		PELLSTON	MI	PELLSTON RGNL AIRPORT OF EMMET COUNTY	CR	APX	FAA	D	DCP1			
TVC		TRAVERSE CITY	MI	CHERRY CAPITAL AIRPORT	CR	APX	FAA	B	DCP1			3
ANJ	Y	SAULT STE MARIE	MI	SAULT STE MARIE	CR	APX	NWS	D	LOCAL			
APN	Y	ALPENA	MI	PHELPS COLLINS FIELD	CR	APX	NWS	D	DCP1			
HTL	Y	HOUGHTON LAKE	MI	ROSCOMMON COUNTY AIRPORT	CR	APX	NWS	D	DCP1			3
TOTALS									6			6
EAU		EAU CLAIRE	WI	EAU CLAIRE C V R AP	CR	ARX	FAA	C	DCP1			
LSE	Y	LA CROSSE	WI	LA CROSSE MUNICIPAL AIRPORT	CR	ARX	FAA	C	DCP1			
OVS		BOSCOBEL	WI	BOSCOBEL AIRPORT	CR	ARX	FAA	D	DCP1			3
RST	Y	ROCHESTER	MN	ROCHESTER INTERNATIONAL ARPT	CR	ARX	NWS	C	DCP1			1
TOTALS									4			4

NWS CENTRAL REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
DIK		DICKINSON	ND	DICKINSON MUNICIPAL AIRPORT	CR	BIS	FAA	D	DCP1			
HEI		HETTINGER	ND	HETTINGER MUNICIPAL AIRPORT	CR	BIS	FAA	D	DCP1			
JMS		JAMESTOWN	ND	JAMESTOWN MUNICIPAL AIRPORT	CR	BIS	FAA	D	DCP1			
MOT		MINOT	ND	MINOT INTERNATIONAL AIRPORT	CR	BIS	FAA	C	DCP1			4
BIS	Y	BISMARCK	ND	BISMARCK, ND	CR	BIS	NWS	C	DCP1			
ISN	Y	WILLISTON	ND	SLOULIN FIELD-INTL APT	CR	BIS	NWS	D	DCP1			2
N60		GARRISON	ND	GARRISON MUNICIPAL AIRPORT	CR	BIS	NWS	O				
TOTALS									6			6
AKO		AKRON	CO	AKRON-WASHINGTON COUNTY AIRPORT	CR	BOU	FAA	D	DCP1			
APA		DENVER	CO	CENTENNIAL AIRPORT	CR	BOU	FAA	B	DCP1			2
DEN	Y	DENVER	CO	DENVER INTERNATIONAL AIRPORT	CR	BOU	NWS	A	DCP1		DCP2	
LIC		LIMON	CO	LIMON MUNICIPAL AIRPORT	CR	BOU	NWS	D	DCP1			3
TOTALS									4		1	5

NWS CENTRAL REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
AIA		ALLIANCE	NE	ALLIANCE MUNICIPAL AIRPORT	CR	CYS	FAA	D	DCP1			
CDR		CHADRON	NE	CHADRON MUNICIPAL AIRPORT	CR	CYS	FAA	D	DCP1			
DGW		DOUGLAS	WY	CONVERSE COUNTY AIRPORT	CR	CYS	FAA	D	DCP1			
LAR		LARAMIE	WY	LARAMIE REGIONAL AIRPORT	CR	CYS	FAA	D	DCP1			
RWL		RAWLINS	WY	RAWLINS MUNICIPAL AIRPORT	CR	CYS	FAA	D	DCP1			
SNY		SIDNEY	NE	SIDNEY MUNICIPAL AIRPORT	CR	CYS	FAA	D	DCP1			
TOR		TORRINGTON	WY	TORRINGTON MUNICIPAL AIRPORT	CR	CYS	FAA	D	DCP1			7
BFF	Y	SCOTTSBLUFF	NE	SCOTTSBLUFF HEILIG FIELD	CR	CYS	NWS	D	DCP1			
CYS	Y	CHEYENNE	WY	CHEYENNE, WY	CR	CYS	NWS	C	DCP1			2
TOTALS										9		9
GCK		GARDEN CITY	KS	GARDEN CITY REGIONAL AIRPORT	CR	DDC	FAA	C	DCP1			1
DDC	Y	DODGE CITY	KS	DODGE CITY, KS	CR	DDC	NWS	D	DCP1			
P28		MEDICINE LODGE	KS	MEDICINE LODGE ASOS SITE	CR	DDC	NWS	O				1
TOTALS										2		2

NWS CENTRAL REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
ASX		ASHLAND	WI	JOHN F KENNEDY MEMORIAL AIRPORT	CR	DLH	FAA	D	DCP1			
BRD		BRAINERD	MN	BRAINERD-CROW WING COUNTY AIRPORT	CR	DLH	FAA	D	DCP1			
HIB		HIBBING	MN	CHISHOLM-HIBBING AIRPORT	CR	DLH	FAA	D	DCP1			
HYR		HAYWARD	WI	HAYWARD MUNICIPAL AIRPORT	CR	DLH	FAA	D	DCP1			4
DLH	Y	DULUTH	MN	DULUTH, MN	CR	DLH	NWS	B	DCP1			
GNA		GRAND MARIS	MN	THE BAY OF GRAND MARAIS	CR	DLH	NWS	O				
INL	Y	INTERNATIONAL FALLS	MN	FALLS INTERNATIONAL ARPT	CR	DLH	NWS	D	DCP2			2
TOTALS									6			6

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
AMW		AMES	IA	AMES MUNICIPAL AIRPORT	CR	DMX	FAA	D	DCP1			
EST		ESTHERVILLE	IA	ESTHERVILLE MUNICIPAL AIRPORT	CR	DMX	FAA	D	DCP1			
MCW		MASON CITY	IA	MASON CITY MUNICIPAL AIRPORT	CR	DMX	FAA	D	DCP1			
MIW		MARSHALLTOWN	IA	MARSHALLTOWN MUNICIPAL AIRPORT	CR	DMX	FAA	D	DCP1			
OTM		OTTUMWA	IA	OTTUMWA INDUSTRIAL AIRPORT	CR	DMX	FAA	D	DCP1			5
ALO	Y	WATERLOO	IA	WATERLOO MUNICIPAL AIRPORT	CR	DMX	NWS	C	DCP1			
DSM	Y	DES MOINES	IA	DES MOINES INTERNATIONAL	CR	DMX	NWS	A	DCP1			
LWD		LAMONI	IA	LAMONI MUNI AP	CR	DMX	NWS	D	DCP1			3
TOTALS									8			8

NWS CENTRAL REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
ADG		ADRIAN	MI	LENAWEE COUNTY AIRPORT	CR	DTX	FAA	D	DCP1			
ARB		ANN ARBOR	MI	ANN ARBOR MUNICIPAL AIRPORT	CR	DTX	FAA	C	DCP1			
DET		DETROIT	MI	DETROIT CITY AIRPORT	CR	DTX	FAA	C	DCP1			
MBS		SAGINAW	MI	MBS INTERNATIONAL AIRPORT	CR	DTX	FAA	C	DCP1			
PTK		PONTIAC	MI	OAKLAND COUNTY INTERNATIONAL AIRPORT	CR	DTX	FAA	B	DCP1			
YIP		DETROIT	MI	WILLOW RUN AIRPORT	CR	DTX	FAA	C	DCP1			6
DTW	Y	DETROIT	MI	DETROIT METROPOLITAN	CR	DTX	NWS	A	DCP3		DCP2	
FNT	Y	FLINT	MI	FLINT BISHOP INTL AIRPORT	CR	DTX	NWS	C	DCP1			
P58		HARBOR BEACH	MI	PORT HOPE	CR	DTX	NWS	O				3
TOTALS									8		1	9

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
BRL		BURLINGTON	IA	BURLINGTON REGIONAL AIRPORT	CR	DVN	FAA	D	DCP1			
CID		CEDAR RAPIDS	IA	CEDAR RAPIDS MUNI ARPT	CR	DVN	FAA	C	DCP1			
DVN		DAVENPORT	IA	QUAD CITIES, IA	CR	DVN	FAA	D	DCP1			
IOW		IOWA CITY	IA	IOWA CITY MUNICIPAL AIRPORT	CR	DVN	FAA	D	DCP1			4
DBQ	Y	DUBUQUE	IA	DUBUQUE REGIONAL AIRPORT	CR	DVN	NWS	C	DCP1			
MLI	Y	MOLINE	IL	QUAD CITY INTL	CR	DVN	NWS	C	DCP1			2
TOTALS									6			6

NWS CENTRAL REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
DMO		SEDALIA	MO	SEDALIA MEMORIAL AIRPORT	CR	EAX	FAA	D	DCP1			
IXD		OLATHE	KS	JOHNSON COUNTY INDUSTRIAL AIRPORT	CR	EAX	FAA	C	DCP1			
LXT		LEES SUMMIT	MO	LEE'S SUMMIT MUNICIPAL AIRPORT	CR	EAX	FAA	D	DCP1			
MKC		KANSAS CITY	MO	KANSAS CITY DOWNTOWN AIRPORT	CR	EAX	FAA	C	DCP1			
OJC		OLATHE	KS	JOHNSON COUNTY EXECUTIVE AIRPORT	CR	EAX	FAA	C	DCP1			
STJ		SAINT JOSEPH	MO	ST JOSEPH 4 WNW	CR	EAX	FAA	C	DCP1			6
CDJ		CHILLICOTHE	MO	CHILLICOTHE AGRI-SCIENCE CTR	CR	EAX	NWS	O				
IRK		KIRKSVILLE	MO	KIRKSVILLE REG AP	CR	EAX	NWS	D	DCP1			
MCI	Y	KANSAS CITY	MO	KANSAS CITY INTL AIRPORT	CR	EAX	NWS	A	DCP2		DCP1	3
TOTALS									8		1	9

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
BDE		BAUDETTE	MN	BAUDETTE INTERNATIONAL AIRPORT	CR	FGF	FAA	D	DCP1			
GFK	Y	GRAND FORKS	ND	GRAND FORKS INTERNATIONAL AIRPORT	CR	FGF	FAA	B	DCP1			
PKD		PARK RAPIDS	MN	PARK RAPIDS MUNICIPAL AIRPORT	CR	FGF	FAA	D	DCP1			3
FAR	Y	FARGO	ND	HECTOR INTERNATIONAL ARPT	CR	FGF	NWS	C	DCP1			1
TOTALS									4			4

NWS CENTRAL REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
MHE		MITCHELL	SD	MITCHELL MUNICIPAL AIRPORT	CR	FSD	FAA	D	DCP1			
SPW		SPENCER	IA	SPENCER MUNICIPAL AIRPORT	CR	FSD	FAA	D	DCP1			2
9V9		CHAMBERLAIN	SD	CHAMBERLAIN MUNICIPAL AIRPORT	CR	FSD	NWS	D				
FSD	Y	SIOUX FALLS	SD	SIOUX FALLS, SD	CR	FSD	NWS	B	DCP1			
HON	Y	HURON	SD	HURON REGIONAL AIRPORT	CR	FSD	NWS	D	DCP1			
SUX	Y	SIOUX CITY	IA	SIOUX GATEWAY AIRPORT	CR	FSD	NWS	C	DCP1			3
TOTALS										5		5

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
HSI		HASTINGS	NE	HASTINGS MUNICIPAL AIRPORT	CR	GID	FAA	D	DCP1			
ODX		ORD	NE	ORD EVELYN SHARP FLD ARPT	CR	GID	FAA	D	DCP1			2
GRI	Y	GRAND ISLAND	NE	CENTRAL NEBRASKA REGIONAL	CR	GID	NWS	C	DCP1			1
TOTALS										3		3

NWS CENTRAL REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
ASE		ASPEN	CO	ASPEN-PITKIN COUNTY/SARDY FIELD	CR	GJT	FAA	C	DCP1			
CAG		CRAIG	CO	CRAIG-MOFFAT AIRPORT	CR	GJT	FAA	D	DCP1			
CEZ		CORTEZ	CO	CORTEZ MUNICIPAL AIRPORT	CR	GJT	FAA	D	DCP1			
CNY		MOAB	UT	CANYONLANDS FIELD AIRPORT	CR	GJT	FAA	D	DCP1			
DRO		DURANGO	CO	DURANGO - LA PLATA CNTY APT	CR	GJT	FAA	D	DCP1			
EEO		MEEKER	CO	MEEKER ARPT	CR	GJT	FAA	D	DCP1			
MTJ		MONTROSE	CO	MONTROSE REGIONAL AIRPORT	CR	GJT	FAA	D	DCP1			
RIL		RIFLE	CO	GARFIELD COUNTY REGIONAL AIRPORT	CR	GJT	FAA	D	DCP1			
VEL		VERNAL	UT	VERNAL AIRPORT	CR	GJT	FAA	D	DCP1			9
GJT	Y	GRAND JUNCTION	CO	GRAND JUNCTION, CO	CR	GJT	NWS	C	DCP1			1
TOTALS									10			10

HLC		HILL CITY	KS	HILL CITY KS AIRPORT	CR	GLD	FAA	D	DCP1			
ITR		BURLINGTON	CO	BURLINGTON CO AIRPORT	CR	GLD	FAA	D	DCP1			
MCK		MCCOOK	NE	MCCOOK NE AIRPORT	CR	GLD	FAA	D	DCP1			3
GLD	Y	GOODLAND	KS	GOODLAND,KS	CR	GLD	NWS	D	DCP1			1
TOTALS									4			4

NWS CENTRAL REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
AUW		WAUSAU	WI	WAUSAU MUNICIPAL AIRPORT	CR	GRB	FAA	D	DCP1			
ISW		WISCONSIN RAPIDS	WI	ALEXANDER FIELD SOUTH WOOD CO. AIRPORT	CR	GRB	FAA	D	DCP1			
MFI		MARSHFIELD	WI	MARSHFIELD MUNICIPAL AIRPORT	CR	GRB	FAA	D	DCP1			
OSH		OSHKOSH	WI	WITTMAN REGIONAL AIRPORT	CR	GRB	FAA	C	DCP1			
RHI		RHINELANDER	WI	RHINELANDER-ONEIDA COUNTY AIRPORT	CR	GRB	FAA	D	DCP1			5
GRB	Y	GREEN BAY	WI	GREEN BAY, WI	CR	GRB	NWS	C	DCP1		DCP1	2
TOTALS									6		1	7

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
AZO		KALAMAZOO	MI	KALAMAZOO/BATTLE CREEK INTL AIRPORT	CR	GRR	FAA	B	DCP1			
BIV		HOLLAND	MI	TULIP CITY AIRPORT	CR	GRR	FAA	D	DCP1			
BTL		BATTLE CREEK	MI	W K KELLOGG AIRPORT	CR	GRR	FAA	C	DCP1			
JXN		JACKSON	MI	JACKSON COUNTY-REYNOLDS FIELD AIRPORT	CR	GRR	FAA	C	DCP1			4
GRR	Y	GRAND RAPIDS	MI	GRAND RAPIDS, MI	CR	GRR	NWS	B	DCP1	DCP2		
LAN	Y	LANSING	MI	CAPITAL CITY AIRPORT	CR	GRR	NWS	B	DCP1			
MKG	Y	MUSKEGON	MI	MUSKEGON COUNTY AIRPORT	CR	GRR	NWS	B	DCP1	DCP2		5
TOTALS									7	2		9

NWS CENTRAL REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
AAO		WICHITA	KS	COLONEL JAMES JABARA AIRPORT	CR	ICT	FAA	D	DCP1			
CFV		COFFEYVILLE	KS	COFFEYVILLE MUNICIPAL AIRPORT	CR	ICT	FAA	D	DCP1			
CNU		CHANUTE	KS	CHANUTE MARTIN JOHNSON AIRPORT	CR	ICT	FAA	D	DCP1			
HUT		HUTCHINSON	KS	HUTCHINSON MUNICIPAL AIRPORT	CR	ICT	FAA	C	DCP1			
PPF		PARSONS	KS	TRI-CITY AIRPORT	CR	ICT	FAA	D	DCP1			
RSL		RUSSELL	KS	RUSSELL MUNICIPAL AIRPORT	CR	ICT	FAA	D	DCP1			
SLN		SALINA	KS	SALINA MUNICIPAL AIRPORT	CR	ICT	FAA	C	DCP1			
WLD		WINFIELD/ARKANSAS CITY	KS	STROTHER FIELD AIRPORT	CR	ICT	FAA	D	DCP1			8
ICT	Y	WICHITA	KS	WICHITA, KS	CR	ICT	NWS	A	DCP1			1
TOTALS									9			9
CMI		CHAMPAIGN/URBANA	IL	UNIVERSITY OF ILLINOIS-WILLARD AIRPORT	CR	ILX	FAA	C	DCP1			
DEC		DECATUR	IL	DECATUR AIRPORT	CR	ILX	FAA	C	DCP1			
LWV		LAWRENCEVILLE	IL	LAWRENCEVILLE-VINCENNES INTL AIRPORT	CR	ILX	FAA	D	DCP1			
MTO		MATTOON/CHARLESTON	IL	COLES COUNTY MEMORIAL AIRPORT	CR	ILX	FAA	D	DCP1			4
PIA	Y	PEORIA	IL	PEORIA GTR PEORIA RGNL AP	CR	ILX	NWS	C	DCP1			
SPI	Y	SPRINGFIELD	IL	SPRINGFIELD ABRAHAM LINCOLN CAPITAL AP	CR	ILX	NWS	C	DCP1		DCP1	3
TOTALS									6		1	7

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NWS CENTRAL REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
BMG		BLOOMINGTON	IN	MONROE COUNTY AIRPORT	CR	IND	FAA	C	DCP1			
EYE		INDIANAPOLIS	IN	EAGLE CREEK AIRPARK AIRPORT	CR	IND	FAA	D	DCP1			
GEZ		SHELBYVILLE	IN	SHELBYVILLE MUNICIPAL AIRPORT	CR	IND	FAA	D	DCP1			
HUF		TERRE HAUTE	IN	HULMAN REGIONAL AIRPORT	CR	IND	FAA	C	DCP1			
LAF		LAFAYETTE	IN	PURDUE UNIVERSITY AIRPORT	CR	IND	FAA	C	DCP1			
MIE		MUNCIE	IN	DELAWARE COUNTY-JOHNSON FIELD AIRPORT	CR	IND	FAA	C	DCP1			6
IND	Y	INDIANAPOLIS	IN	INDIANAPOLIS, IN	CR	IND	NWS	A	DCP1		DCP2	2
TOTALS									7		1	8
BEH		BENTON HARBOR	MI	SOUTHWEST MICHIGAN REGIONAL AP	CR	IWX	FAA	D	DCP1			
GSH		GOSHEN	IN	GOSHEN MUNICIPAL AIRPORT	CR	IWX	FAA	D	DCP1			2
FWA	Y	FORT WAYNE	IN	FORT WAYNE INTERNATIONAL AIRPORT	CR	IWX	NWS	B	DCP1			
SBN	Y	SOUTH BEND	IN	SOUTH BEND REGIONAL AIRPORT	CR	IWX	NWS	B	DCP1			2
TOTALS									4			4
LOZ		LONDON	KY	LONDON-CORBIN AIRPORT-MAGEE FIELD	CR	JKL	FAA	D	DCP1			1
JKL	Y	JACKSON	KY	JACKSON, KY	CR	JKL	NWS	D	DCP1			
LEX	Y	LEXINGTON	KY	LEXINGTON BLUE GRASS AIRPORT	CR	JKL	NWS	C	DCP1			2
TOTALS									3			3

NWS CENTRAL REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
BBW		BROKEN BOW	NE	MUNICIPAL AIRPORT	CR	LBF	FAA	D	DCP1			
IML		IMPERIAL	NE	IMPERIAL MUNICIPAL AIRPORT	CR	LBF	FAA	D	DCP1			2
LBF	Y	NORTH PLATTE	NE	NORTH PLATTE, NE	CR	LBF	NWS	D	DCP1			
VTN	Y	VALENTINE	NE	VALENTINE MILLER FIELD AP	CR	LBF	NWS	D	DCP1			2
TOTALS									4			4

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
BWG		BOWLING GREEN	KY	BOWLING GREEN-WARREN COUNTY AIRPORT	CR	LMK	FAA	D	DCP1			
FFT		FRANKFORT	KY	CAPITAL CITY AIRPORT	CR	LMK	FAA	D	DCP1			
LOU		LOUISVILLE	KY	BOWMAN FIELD AIRPORT	CR	LMK	FAA	C	DCP1			3
SDF	Y	LOUISVILLE	KY	LOUISVILLE INTL-STANDIFORD FIELD AP	CR	LMK	NWS	A	DCP1			1
TOTALS									4			4

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
ARR		CHICAGO/AURORA	IL	AURORA MUNICIPAL AIRPORT	CR	LOT	FAA	C	DCP1			
DPA		CHICAGO/WEST CHICAGO	IL	DUPAGE AIRPORT	CR	LOT	FAA	C	DCP1			
MDW		CHICAGO	IL	CHICAGO MIDWAY AIRPORT	CR	LOT	FAA	A	DCP1		DCP2	
PWK		CHICAGO/WHEELING	IL	PAL-WAUKEE AIRPORT	CR	LOT	FAA	C	DCP1			
UGN		WAUKEGAN	IL	WAUKEGAN REGIONAL AIRPORT	CR	LOT	FAA	C	DCP1			
VPZ		VALPARAISO	IN	PORTER COUNTY MUNICIPAL AIRPORT	CR	LOT	FAA	D	DCP1			7
ORD	Y	CHICAGO	IL	O'HARE INTL AP	CR	LOT	NWS	A	DCP1		DCP2	
RFD	Y	ROCKFORD	IL	CHICAGO/ROCKFORD INTERNATIONAL AP	CR	LOT	NWS	A	DCP1			3
TOTALS									8		2	10

NWS CENTRAL REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
CPS		CAHOKIA/ST LOUIS	IL	ST LOUIS DOWNTOWN-PARKS AIRPORT	CR	LSX	FAA	C	DCP1			
JEF		JEFFERSON CITY	MO	JEFFERSON CITY MEMORIAL AIRPORT	CR	LSX	FAA	C	DCP1			
SET		ST CHARLES	MO	ST CHARLES COUNTY SMARTT AIRPORT	CR	LSX	FAA	D	DCP1			
SUS		ST LOUIS	MO	SPIRIT OF ST LOUIS AIRPORT	CR	LSX	FAA	C	DCP1			
UIN		QUINCY	IL	QUINCY REGIONAL-BALDWIN FIELD AIRPORT	CR	LSX	FAA	D	DCP1			5
COU	Y	COLUMBIA	MO	COLUMBIA REGIONAL AIRPORT	CR	LSX	NWS	C	DCP1			
STL	Y	ST LOUIS	MO	LAMBERT-ST LOUIS INTL ARPT	CR	LSX	NWS	A	DCP1		DCP2	3
TOTALS									7		1	8

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
ENW		KENOSHA	WI	KENOSHA MUNICIPAL AIRPORT	CR	MKX	FAA	C	DCP1			
FLD		FOND DU LAC	WI	FOND DU LAC COUNTY AIRPORT	CR	MKX	FAA	D	DCP1			
LNR		LONE ROCK	WI	TRI-COUNTY REGIONAL AIRPORT	CR	MKX	FAA	D	DCP1			
RAC		RACINE	WI	BATTEN INTERNATIONAL AIRPORT	CR	MKX	FAA	D	DCP1			
SBM		SHEBOYGAN	WI	SHEBOYGAN COUNTY MEMORIAL AIRPORT	CR	MKX	FAA	D	DCP1			5
MKE	Y	MILWAUKEE	WI	GEN MITCHELL INTL AIRPORT	CR	MKX	NWS	A	DCP2		DCP1	
MSN	Y	MADISON	WI	MADISON DANE COUNTY RGNL	CR	MKX	NWS	B	DCP1			3
TOTALS									7		1	8

NWS CENTRAL REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
AXN		ALEXANDRIA	MN	CHANDLER FIELD AIRPORT	CR	MPX	FAA	D	DCP1			
FCM		MINNEAPOLIS	MN	FLYING CLOUD AIRPORT	CR	MPX	FAA	C	DCP1			
MIC		MINNEAPOLIS	MN	CRYSTAL AIRPORT	CR	MPX	FAA	C	DCP1			
RWF		REDWOOD FALLS	MN	REDWOOD FALLS MUNICIPAL AIRPORT	CR	MPX	FAA	D	DCP1			
STP		ST. PAUL	MN	ST PAUL DOWNTOWN HOLMAN FIELD AIRPORT	CR	MPX	FAA	C	DCP1			5
MSP	Y	MINNEAPOLIS	MN	MINNEAPOLIS-ST PAUL INTL AP	CR	MPX	NWS	A	DCP2		DCP1	
STC	Y	ST CLOUD	MN	ST. CLOUD REGIONAL AIRPORT	CR	MPX	NWS	C	DCP1			3
TOTALS										7	1	8

CMX		HANCOCK	MI	HOUGHTON COUNTY MEMORIAL AIRPORT	CR	MQT	FAA	D	DCP1			
IMT		IRON MOUNTAIN/KINGSFORD	MI	FORD AIRPORT	CR	MQT	FAA	D	DCP1			2
P53		MUNISING	MI	MUNISING ASOS	CR	MQT	NWS	O				
P59		COPPER HARBOR	MI	COPPER HARBOR	CR	MQT	NWS	O				0
TOTALS										2		2

FNB		FALLS CITY	NE	BRENNER FIELD ARPT	CR	OAX	FAA	D	DCP1			
OMA	Y	OMAHA	NE	EPPLEY AIRFIELD	CR	OAX	FAA	A	DCP1			
TQE		TEKAMAH	NE	TEKAMAH MUNICIPAL AIRPORT	CR	OAX	FAA	D	DCP1			3
LNK	Y	LINCOLN	NE	LINCOLN MUNICIPAL AIRPORT	CR	OAX	NWS	C	DCP1			
OFK	Y	NORFOLK	NE	KARL STEFAN MEMORIAL AIRPORT	CR	OAX	NWS	D	DCP1			2
TOTALS										5		5

NWS CENTRAL REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
CGI		CAPE GIRARDEAU	MO	CAPE GIRARDEAU REGIONAL AIRPORT	CR	PAH	FAA	D	DCP1			
MDH		CARBONDALE/MURPHYSBORO	IL	SOUTHERN ILLINOIS AIRPORT	CR	PAH	FAA	C	DCP1			2
EVV	Y	EVANSVILLE	IN	EVANSVILLE-DRESS REG APT	CR	PAH	NWS	C	DCP1		DCP1	
PAH	Y	PADUCAH	KY	PADUCAH, KY	CR	PAH	NWS	C	DCP1			
POF		POPLAR BLUFF	MO	POPLAR BLUFF MUNICIPAL AIRPORT	CR	PAH	NWS	D	DCP1			4
TOTALS									5		1	6

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
LAA		LAMAR	CO	LAMAR MUNICIPAL AIRPORT	CR	PUB	FAA	D	DCP1			
LHX		LA JUNTA	CO	LA JUNTA MUNICIPAL AIRPORT	CR	PUB	FAA	D	DCP1			
TAD		TRINIDAD	CO	STOKES AP	CR	PUB	FAA	D	DCP1			3
ALS	Y	ALAMOSA	CO	SAN LUIS VALLEY REGIONAL	CR	PUB	NWS	D	DCP1			
COS	Y	COLORADO SPRINGS	CO	COLORADO SPRINGS MUNI	CR	PUB	NWS	C	DCP1			
LXV		LEADVILLE	CO	LEADVILLE	CR	PUB	NWS	D	LOCAL			
PUB	Y	PUEBLO	CO	PUEBLO, CO	CR	PUB	NWS	C	DCP1			
SPD		SPRINGFIELD	CO	COMANCHE NATIONAL GRASSLAND	CR	PUB	NWS	O				4
TOTALS									7			7

NWS CENTRAL REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
BPI		BIG PINEY	WY	BIG PINEY-MARBLETON AIRPORT	CR	RIW	FAA	D	DCP1			
BYG		BUFFALO	WY	BUFFALO/JOHNSON COUNTY AIRPORT ASOS	CR	RIW	FAA	D	DCP1			
GEY		GREYBULL	WY	SOUTH BIG HORN COUNTY AIRPORT - GREYBULL ASOS	CR	RIW	FAA	D	DCP1			
RKS		ROCK SPRINGS	WY	ROCK SPRINGS AIRPORT - ASOS	CR	RIW	FAA	D	DCP1			
WRL		WORLAND	WY	WORLAND AIRPORT - ASOS	CR	RIW	FAA	D	DCP1			5
CPR	Y	CASPER	WY	NATRONA COUNTY AIRPORT - CASPER ASOS	CR	RIW	NWS	C	DCP1			
LND	Y	LANDER	WY	LANDER AIRPORT / ASOS	CR	RIW	NWS	D	DCP1			
P60		CODY	WY	YELLOWSTONE LAKE ASOS	CR	RIW	NWS	D				
RIW		RIVERTON	WY	RIVERTON AIRPORT - ASOS	CR	RIW	NWS	D	DCP1			3
TOTALS										8		8

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
JLN		JOPLIN	MO	JOPLIN REGIONAL AIRPORT	CR	SGF	FAA	C	DCP1			
UNO		WEST PLAINS	MO	WEST PLAINS MUNICIPAL AIRPORT	CR	SGF	FAA	D	DCP1			
VIH		VICHY	MO	ROLLA NATIONAL AIRPORT	CR	SGF	FAA	D	DCP1			3
SGF	Y	SPRINGFIELD	MO	SPRINGFIELD, MO	CR	SGF	NWS	C	DCP1			1
TOTALS										4		4

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
EVW		EVANSTON	WY	EVANSTON-UINTA COUNTY BURNS FIELD	CR	SLC	FAA	D	DCP1			1
TOTALS										1		1

NWS CENTRAL REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
EMP		EMPORIA	KS	EMPORIA MUNICIPAL AIRPORT	CR	TOP	FAA	D	DCP1			
FOE		TOPEKA	KS	FORBES FIELD AIRPORT	CR	TOP	FAA	C	DCP1			
LWC		LAWRENCE	KS	LAWRENCE MUNICIPAL AIRPORT	CR	TOP	FAA	D	DCP1			
MHK		MANHATTAN	KS	MANHATTAN REGIONAL AIRPORT	CR	TOP	FAA	C	DCP1			4
CNK	Y	CONCORDIA	KS	CONCORDIA BLOSSER MUNICIPAL	CR	TOP	NWS	D	DCP1			
TOP	Y	TOPEKA	KS	TOPEKA, KS	CR	TOP	NWS	C	DCP1			2
TOTALS									6			6
ICR		WINNER	SD	WINNER REGIONAL AIRPORT	CR	UNR	FAA	D	DCP1			
IEN		PINE RIDGE	SD	PINE RIDGE AIRPORT	CR	UNR	FAA	D	DCP1			2
2WX		BUFFALO	SD	HARDING COUNTY AIRPORT	CR	UNR	NWS	O				
CUT		CUSTER	SD	CUSTER COUNTY AIRPORT	CR	UNR	NWS	D	DCP1			
D07		FAITH	SD	FAITH MUNI AP	CR	UNR	NWS	D				
GCC		GILLETTE	WY	GILLETTE-CAMPBELL COUNTY AIRPORT	CR	UNR	NWS	D	DCP1			
PHP		PHILIP	SD	PHILIP AP	CR	UNR	NWS	D	DCP1			
RAP	Y	RAPID CITY	SD	RAPID CITY REGIONAL AP	CR	UNR	NWS	C	DCP1			4
TOTALS									6			6

NWS SOUTHERN REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTALS
GUP		GALLUP	NM	GALLUP MUNICIPAL AIRPORT	SR	ABQ	FAA	D	DCP1			
LVS		LAS VEGAS	NM	LAS VEGAS MUNICIPAL AIRPORT	SR	ABQ	FAA	D	DCP1			
SAF		SANTA FE	NM	SANTA FE MUNICIPAL AIRPORT	SR	ABQ	FAA	C	DCP1			
TCC		TUCUMCARI	NM	TUCUMCARI MUNICIPAL AIRPORT	SR	ABQ	FAA	D	DCP1			4
ABQ	Y	ALBUQUERQUE	NM	ALBUQUERQUE, NM	SR	ABQ	NWS	A	DCP1		DCP1	
CAO	Y	CLAYTON	NM	CLAYTON ASOS	SR	ABQ	NWS	D	DCP1			
CQC		CLINES CORNER	NM	CLINES CORNERS	SR	ABQ	NWS	O	LOCAL			
FMN		FARMINGTON	NM	FOUR CORNERS REGIONAL AIRPORT	SR	ABQ	NWS	C	DCP1			
GNT		GRANTS	NM	GRANT-MILAN MUNICIPAL APT	SR	ABQ	NWS	D				
ROW	Y	ROSWELL	NM	ROSWELL INDUSTRIAL AIR CENTR	SR	ABQ	NWS	C	DCP1			
RTN		RATON	NM	RATON MUNI/CREWS FIELD AP	SR	ABQ	NWS	D	DCP1			7
TOTALS									10		1	11
BGD		BORGER	TX	HUTCHINSON COUNTY AIRPORT	SR	AMA	FAA	D	DCP1			
DHT		DALHART	TX	DALHART MUNICIPAL AIRPORT	SR	AMA	FAA	D	DCP1			2
AMA	Y	AMARILLO	TX	AMARILLO, TX	SR	AMA	NWS	B	DCP1			
GUY		GUYMON	OK	GUYMON MUNI AP	SR	AMA	NWS	D	LOCAL			2
TOTALS									4			4

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NWS SOUTHERN REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTALS
ANB		ANNISTON	AL	ANNISTON ARPT ASOS	SR	BMX	FAA	D	DCP1			
BHM	Y	BIRMINGHAM	AL	BIRMINGHAM ARPT ASOS	SR	BMX	FAA	B	DCP1			
EET		ALABASTER	AL	SHELBY COUNTY AIRPORT	SR	BMX	FAA	D	DCP1			
TCL		TUSCALOOSA	AL	TUSCALOOSA REGIONAL AIRPORT	SR	BMX	FAA	C	DCP1			
TOI		TROY	AL	TROY MUNICIPAL APT	SR	BMX	FAA	D	DCP1			5
MGM	Y	MONTGOMERY	AL	MONTGOMERY DANNELLY FIELD	SR	BMX	NWS	B	DCP1			1
TOTALS									6			6
HRL		HARLINGEN	TX	RIO GRANDE VALLEY INTERNATIONAL AIRPORT	SR	BRO	FAA	C	DCP1			
MFE		MC ALLEN	TX	MILLER INTERNATIONAL AIRPORT	SR	BRO	FAA	C	DCP1			
PIL		PORT ISABEL	TX	PORT ISABEL-CAMERON COUNTY AIRPORT	SR	BRO	FAA	D	DCP1			3
BRO	Y	BROWNSVILLE	TX	BROWNSVILLE, TX	SR	BRO	NWS	C	DCP1			1
TOTALS									4			4
DNL		AUGUSTA	GA	DANIEL FIELD AIRPORT	SR	CAE	FAA	D	DCP1			1
AGS	Y	AUGUSTA	GA	AUGUSTA BUSH FIELD	SR	CAE	NWS	C	DCP1			1
TOTALS									2			2
SAV	Y	SAVANNAH	GA	SAVANNAH INTERNATIONAL ARPT	SR	CHS	NWS	B	DCP1			1
TOTALS									1			1

NWS SOUTHERN REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTALS
ALI		ALICE	TX	ALICE INTERNATIONAL ARPT	SR	CRP	FAA	D	DCP1			
COT		COTULLA	TX	COTULLA-LASALLE COUNTY AIRPORT	SR	CRP	FAA	D	DCP1			
RKP		ROCKPORT	TX	ARANSAS COUNTY AIRPORT	SR	CRP	FAA	D	DCP1			3
CRP	Y	CORPUS CHRISTI	TX	CORPUS CHRISTI, TX	SR	CRP	NWS	B	DCP1		DCP1	
VCT	Y	VICTORIA	TX	REGIONAL AIRPORT	SR	CRP	NWS	D	DCP1			3
TOTALS									5		1	6

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTALS
DMN		DEMING	NM	DEMING MUNICIPAL AIRPORT	SR	EPZ	FAA	D	DCP1			1
ELP	Y	EL PASO	TX	EL PASO INTL AP	SR	EPZ	NWS	B	DCP1			
TCS		TRUTH OR CONSEQUENCES	NM	TRUTH OR CONSEQUENCES MUNICIPAL AIRPORT	SR	EPZ	NWS	D	DCP1			2
TOTALS									3			3

NWS SOUTHERN REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTALS
AUS	Y	AUSTIN	TX	BERGSTROM INTL AIRPORT	SR	EWX	FAA	A	DCP1	DCP2		
BAZ		NEW BRAUNFELS	TX	NEW BRAUNFELS MUNICIPAL AIRPORT	SR	EWX	FAA	D	DCP1			
BMQ		BURNET	TX	BURNET MUNICIPAL KATE CRADDOCK FIELD	SR	EWX	FAA	D	DCP1			
HDO		HONDO	TX	HONDO MUNICIPAL AIRPORT	SR	EWX	FAA	D	DCP1			
SSF		SAN ANTONIO	TX	STINSON MUNICIPAL AIRPORT	SR	EWX	FAA	C	DCP1			6
ATT	Y	AUSTIN	TX	R MUELLER MUNICIPAL APT	SR	EWX	NWS	O	DCP1			
DRT	Y	DEL RIO	TX	DEL RIO INTL AIRPORT	SR	EWX	NWS	D	DCP1			
SAT	Y	SAN ANTONIO	TX	SAN ANTONIO INTL ARPT	SR	EWX	NWS	A	DCP1		DCP2	4
TOTALS									8	1	1	10

NWS SOUTHERN REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTALS
FFC		PEACHTREE CITY	GA	ATLANTA, GA	SR	FFC	FAA	D	DCP1			
FTY		ATLANTA	GA	FULTON COUNTY AIRPORT-BROWN FIELD	SR	FFC	FAA	C	DCP1			
GVL		GAINESVILLE	GA	LEE GILMER MEMORIAL ARPT	SR	FFC	FAA	D	DCP1			
PDK		ATLANTA	GA	DE KALB-PEACHTREE AIRPORT	SR	FFC	FAA	C	DCP1			
VPC		CARTERSVILLE	GA	CARTERSVILLE AIRPORT	SR	FFC	FAA	D	DCP1			5
AHN	Y	ATHENS	GA	ATHENS BEN EPPS AIRPORT	SR	FFC	NWS	C	DCP1			
ATL	Y	ATLANTA	GA	THE WILLIAM B HARTSFIELD ATLANTA INTL AP	SR	FFC	NWS	A	DCP1		DCP2	
CSG	Y	COLUMBUS	GA	COLUMBUS AIRPORT ASOS	SR	FFC	NWS	C	DCP1			
MCN	Y	MACON	GA	MIDDLE GEORGIA REGIONAL ARPT	SR	FFC	NWS	C	DCP1			
RMG		ROME	GA	RICHARD B. RUSSELL FIELD	SR	FFC	NWS	D	DCP1			6
TOTALS									10		1	11
RQE		WINDOW ROCK	AZ	WINDOW ROCK AIRPORT	SR	FGZ	NWS	D	DCP1			1
TOTALS									1			1

NWS SOUTHERN REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTALS
AFW		FORT WORTH	TX	FORT WORTH ALLIANCE ARPT	SR	FWD	FAA	B	DCP1			
CRS		CORSICANA	TX	C DAVID CAMPBELL FLD-CORSICANA MUNI ARPT	SR	FWD	FAA	D	DCP1			
DAL	Y	DALLAS	TX	DALLAS LOVE FIELD	SR	FWD	FAA	A	DCP1		DCP2	
DTO		DENTON	TX	DENTON MUNICIPAL AIRPORT	SR	FWD	FAA	C	DCP1			
FTW		FORT WORTH	TX	FORT WORTH MEACHAM AIRPORT	SR	FWD	FAA	C	DCP1			
GKY		ARLINGTON	TX	ARLINGTON MUNICIPAL AIRPORT	SR	FWD	FAA	C	DCP1			
MWL		MINERAL WELLS	TX	MINERAL WELLS AIRPORT	SR	FWD	FAA	D	DCP1			
RBD		DALLAS	TX	REDBIRD AIRPORT	SR	FWD	FAA	C	DCP1			
TKI		MCKINNEY	TX	MC KINNEY MUNICIPAL AIRPORT	SR	FWD	FAA	C	DCP1			
TRL		TERREL	TX	TERRELL MUNICIPAL AIRPORT	SR	FWD	FAA	D	DCP1			11
ACT	Y	WACO	TX	WACO REGIONAL AIRPORT	SR	FWD	NWS	C	DCP1			
DFW	Y	DALLAS-FORT WORTH	TX	DALLAS/FT. WORTH INTL ARPT	SR	FWD	NWS	A	DCP1		DCP2	3
TOTALS										12	2	14

NWS SOUTHERN REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTALS
CLL		COLLEGE STATION	TX	EASTERWOOD FIELD AIRPORT	SR	HGX	FAA	C	DCP1			
CXO		CONROE	TX	MONTGOMERY COUNTY AIRPORT	SR	HGX	FAA	D	DCP1			
DWH		HOUSTON	TX	DAVID WAYNE HOOKS MEMORIAL AIRPORT	SR	HGX	FAA	C	DCP1			
GLS		GALVESTON	TX	SCHOLES INTL AT GALVESTON	SR	HGX	FAA	C	DCP1			
HOU		HOUSTON	TX	WILLIAM P HOBBY AIRPORT	SR	HGX	FAA	A	DCP1			
LBX		ANGLETON/LAKE JACKSON	TX	BRAZORIA COUNTY AIRPORT	SR	HGX	FAA	D	DCP1			
LVJ		HOUSTON	TX	CLOVER FIELD AIRPORT	SR	HGX	FAA	D	DCP1			
PSX		PALACIOS	TX	PALACIOS MUNICIPAL AIRPORT	SR	HGX	FAA	D	DCP1			
SGR		HOUSTON	TX	SUGAR LAND MUN AP	SR	HGX	FAA	C	DCP1			
UTS		HUNTSVILLE	TX	HUNTSVILLE MUNICIPAL AIRPORT	SR	HGX	FAA	D	DCP1			10
IAH	Y	HOUSTON	TX	HOUSTON INTERCONTINENTAL	SR	HGX	NWS	A	DCP1		DCP2	2
TOTALS									11		1	12

DCU		DECATUR	AL	PRYOR FIELD AIRPORT	SR	HUN	FAA	D	DCP1			
MSL		MUSCLE SHOALS	AL	NORTH WEST ALABAMA REGIONAL	SR	HUN	FAA	D	DCP1			2
HSV	Y	HUNTSVILLE	AL	MADISON CO. AIRPORT	SR	HUN	NWS	A	DCP1			1
TOTALS									3			3

NWS SOUTHERN REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTALS
GLH		GREENVILLE	MS	MID DELTA REGIONAL AP	SR	JAN	FAA	C	DCP1			
GWO		GREENWOOD	MS	GREENWOOD-LEFLORE AIRPORT	SR	JAN	FAA	D	DCP1			
HBG		HATTIESBURG	MS	HATTIESBURG-CHAIN MUNICIPAL AIRPORT	SR	JAN	FAA	D	DCP1			
HKS		JACKSON	MS	HAWKINS FIELD AIRPORT	SR	JAN	FAA	C	DCP1			
TVR		VICKSBURG	MS	VICKSBURG/TALLULAH REGIONAL AP ASOS	SR	JAN	FAA	D	DCP1			5
JAN	Y	JACKSON	MS	JACKSON-EVERS INTERNATIONAL AIRPORT	SR	JAN	NWS	B	DCP1			
MEI	Y	MERIDIAN	MS	MERIDIAN KEY FIELD ASOS	SR	JAN	NWS	C	DCP1			2
TOTALS									7			7

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTALS
AMG		ALMA	GA	BACON COUNTY AIRPORT	SR	JAX	FAA	D	DCP1			
CRG		JACKSONVILLE	FL	CRAIG MUNICIPAL AIRPORT	SR	JAX	FAA	C	DCP1			
GNV	Y	GAINESVILLE	FL	GAINESVILLE REGIONAL AIRPORT	SR	JAX	FAA	C	DCP1			
SSI		BRUNSWICK	GA	MALCOLM MC KINNON AIRPORT	SR	JAX	FAA	D	DCP1			4
JAX	Y	JACKSONVILLE	FL	JACKSONVILLE, FL	SR	JAX	NWS	A	DCP1			1
TOTALS									5			5

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTALS
MTH		MARATHON	FL	MARATHON AIRPORT	SR	KEY	FAA	D	DCP1			1
EYW	Y	KEY WEST	FL	KEY WEST, FL	SR	KEY	NWS	C	DCP1			1
TOTALS									2			2

NWS SOUTHERN REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTALS
AEX		ALEXANDRIA	LA	ALEXANDRIA INTL AP	SR	LCH	FAA	C	DCP1			
ARA		NEW IBERIA	LA	ACADIANA REGIONAL AIRPORT	SR	LCH	FAA	C	DCP1			
ESF		ALEXANDRIA	LA	ESLER REGIONAL AIRPORT	SR	LCH	FAA	D	DCP1			
LFT		LAFAYETTE	LA	LAFAYETTE REGIONAL AIRPORT	SR	LCH	FAA	C	DCP1			4
BPT	Y	PORT ARTHUR	TX	SOUTHEAST TEXAS REGIONAL ARPT	SR	LCH	NWS	C	DCP1			
LCH	Y	LAKE CHARLES	LA	LAKE CHARLES, LA	SR	LCH	NWS	C	DCP1			
P92		SALT POINT	LA	AT SALT POINT ON EAST COTE BLANCHE BAY	SR	LCH	NWS	O				2
TOTALS									6			6

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTALS
ASD		SLIDELL	LA	SLIDELL AIRPORT	SR	LIX	FAA	D	DCP1			
GPT		GULFPORT	MS	GULFPORT-BILOXI REGIONAL AIRPORT	SR	LIX	FAA	C	DCP1			
MCB		MCCOMB	MS	MC COMB/PIKE COUNTY/JOHN E LEWIS FIELD	SR	LIX	FAA	D	DCP1			
NEW		NEW ORLEANS	LA	LAKEFRONT AIRPORT	SR	LIX	FAA	C	DCP1			
PQL		PASCAGOULA	MS	PASCAGOULA LOTT INTL ARPT	SR	LIX	FAA	C	DCP1			5
BTR	Y	BATON ROUGE	LA	BATON ROUGE METRO RYAN FIELD	SR	LIX	NWS	B	DCP1			
BVE		VENICE	LA	BOOTHEVILLE	SR	LIX	NWS	O	DCP1			
MSY	Y	NEW ORLEANS	LA	NEW ORLEANS INTL AIRPORT	SR	LIX	NWS	A	DCP1		DCP2	4
TOTALS									8		1	9

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTALS
CDS		CHILDRESS	TX	CHILDRESS ASOS	SR	LUB	FAA	D	DCP1			1
LBB	Y	LUBBOCK	TX	LUBBOCK INTERNATIONAL ARPT	SR	LUB	NWS	B	DCP1			1
TOTALS										2		2
BPK		MOUNTAIN HOME	AR	OZARK REGIONAL	SR	LZK	FAA	D	DCP1			
HOT		HOT SPRINGS	AR	MEMORIAL FIELD AIRPORT	SR	LZK	FAA	D	DCP1			
HRO		HARRISON	AR	BOONE COUNTY AIRPORT	SR	LZK	FAA	D	DCP1			
LIT	Y	LITTLE ROCK	AR	ADAMS FIELD AIRPORT	SR	LZK	FAA	A	DCP1			
LLQ		MONTICELLO	AR	MONTICELLO MUNICIPAL AIRPORT	SR	LZK	FAA	D	DCP1			
PBF		PINE BLUFF	AR	GRIDER FIELD AIRPORT	SR	LZK	FAA	D	DCP1			
RUE		RUSSELLVILLE	AR	RUSSELLVILLE MUNICIPAL AIRPORT	SR	LZK	FAA	D	DCP1			7
MWT		MOUNT IDA	AR	MENA INTERMOUNTAIN MUNICIPAL AP	SR	LZK	NWS	O	LOCAL			1
TOTALS										8		8
CNM		CARLSBAD	NM	CAVERN CITY AIRPORT ASOS	SR	MAF	FAA	D	DCP1			
FST		FORT STOCKTON	TX	FORT STOCKTON-PECOS CO ARPT ASOS	SR	MAF	FAA	D	DCP1			
INK		WINK	TX	WINKLER COUNTY AIRPORT ASOS	SR	MAF	FAA	D	DCP1			
ODO		ODESSA	TX	ODESSA-SCHLEMEYER FIELD AIRPORT ASOS	SR	MAF	FAA	D	DCP1			4
6R6		DRYDEN	TX	DRYDEN ASOS	SR	MAF	NWS	D				
GDP		PINE SPRINGS	TX	GUADALUPE PASS ASOS	SR	MAF	NWS	O	DCP1			
MAF	Y	MIDLAND	TX	MIDLAND/ODESSA, TX	SR	MAF	NWS	C	DCP1			2
TOTALS										6		6

NWS SOUTHERN REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTALS
AWM		WEST MEMPHIS	AR	WEST MEMPHIS MUNICIPAL AIRPORT	SR	MEG	FAA	D	DCP1			
HKA		BLYTHEVILLE	AR	BLYTHEVILLE MUNICIPAL AIRPORT	SR	MEG	FAA	D	DCP1			
JBR		JONESBORO	AR	JONESBORO MUNICIPAL AIRPORT	SR	MEG	FAA	D	DCP1			
MEM	Y	MEMPHIS	TN	MEMPHIS INTL AP	SR	MEG	FAA	A	DCP3	DCP2		
MKL		JACKSON	TN	MC KELLAR-SIPES REGIONAL AIRPORT	SR	MEG	FAA	C	DCP1			6
TUP	Y	TUPELO	MS	TUPELO REGIONAL AIRPORT	SR	MEG	NWS	C	DCP1			1
TOTALS									6	1		7
APF		NAPLES	FL	NAPLES MUNICIPAL AIRPORT	SR	MFL	FAA	C	DCP1			
FLL		FORT LAUDERDALE	FL	FORT LAUDERDALE/HOLLYWOOD INTL AIRPORT	SR	MFL	FAA	B	DCP1			
FXE		FORT LAUDERDALE	FL	FORT LAUDERDALE EXECUTIVE AIRPORT	SR	MFL	FAA	C	DCP1			
HWO		HOLLYWOOD	FL	NORTH PERRY AIRPORT	SR	MFL	FAA	C	DCP1			
OPF		MIAMI	FL	OPA LOCKA AIRPORT	SR	MFL	FAA	C	DCP1			
PMP		POMPANO BEACH	FL	POMPANO BEACH AIRPARK AIRPORT	SR	MFL	FAA	C	DCP1			
TMB		MIAMI	FL	KENDALL-TAMIAMI EXECUTIVE AIRPORT	SR	MFL	FAA	C	DCP1			7
MIA	Y	MIAMI	FL	MIAMI INT'L AIRPORT	SR	MFL	NWS	A	DCP1		DCP2	
PBI	Y	WEST PALM BEACH	FL	ILNTERNATIONAL AIRPORT	SR	MFL	NWS	B	DCP1			3
TOTALS									9	1		10

NWS SOUTHERN REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTALS
FPR		FORT PIERCE	FL	ST LUCIE COUNTY INTERNATIONAL AIRPORT	SR	MLB	FAA	C	DCP1			
LEE		LEESBURG	FL	LEESBURG MUNI ARPT	SR	MLB	FAA	C	DCP1			
MLB		MELBOURNE	FL	MELBOURNE, FL	SR	MLB	FAA	C	DCP1			
ORL		ORLANDO	FL	ORLANDO EXECUTIVE AIRPORT	SR	MLB	FAA	C	DCP1			
SFB		SANFORD	FL	ORLANDO SANFORD AIRPORT	SR	MLB	FAA	C	DCP1			
VRB	Y	VERO BEACH	FL	VERO BEACH MUNICIPAL AIRPORT	SR	MLB	FAA	C	DCP1			6
DAB	Y	DAYTONA BEACH	FL	DAYTONA BEACH INTERNATIONAL	SR	MLB	NWS	B	DCP1			
MCO	Y	ORLANDO	FL	ORLANDO INTERNATIONAL ARPT	SR	MLB	NWS	A	DCP1		DCP2	3
TOTALS									8		1	9

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTALS
BFM		MOBILE	AL	MOBILE DOWNTOWN AIRPORT	SR	MOB	FAA	C	DCP1			
CEW		CRESTVIEW	FL	BOB SIKES AIRPORT	SR	MOB	FAA	D	DCP1			
DTS		DESTIN	FL	DESTIN-FT WALTON BEACH AIRPORT	SR	MOB	FAA	D	DCP1			
GZH		EVERGREEN	AL	MIDDLETON FIELD AIRPORT	SR	MOB	FAA	D	DCP1			
PNS	Y	PENSACOLA	FL	PENSACOLA REGIONAL AIRPORT	SR	MOB	FAA	C	DCP1			5
MOB	Y	MOBILE	AL	MOBILE, AL	SR	MOB	NWS	C	DCP1		DCP1	2
TOTALS									6		1	7

NWS SOUTHERN REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTALS
CHA	Y	CHATTANOOGA	TN	LOVELL FIELD AIRPORT - WSO	SR	MRX	NWS	B	DCP1			
OQT	Y	OAK RIDGE	TN	OAK RIDGE	SR	MRX	NWS	O	LOCAL			
TRI	Y	BRISTOL/ JOHNSON/KINGSPORT	TN	TRI-CITY REGIONAL AIRPORT	SR	MRX	NWS	A	DCP1		DCP1	
TYS	Y	KNOXVILLE	TN	KNOXVILLE WSO	SR	MRX	NWS	B	DCP1			5
TOTALS										4	1	5

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTALS
CKV		CLARKSVILLE	TN	OUTLAW FIELD AIRPORT	SR	OHX	FAA	D	DCP1			
CSV		CROSSVILLE	TN	CROSSVILLE MEMORIAL AIRPORT	SR	OHX	FAA	D	DCP1			2
BNA	Y	NASHVILLE	TN	NASHVILLE INTL AIRPORT	SR	OHX	NWS	A	DCP1		DCP2	2
TOTALS										3	1	4

NWS SOUTHERN REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTALS
CSM		CLINTON	OK	CLINTON-SHERMAN AIRPORT	SR	OUN	FAA	D	DCP1			
FDR		FREDERICK	OK	FREDERICK MUNICIPAL AP (USAF RADAR)	SR	OUN	FAA	D	DCP1			
GAG		GAGE	OK	GAGE-SHATTUCK AIRPORT	SR	OUN	FAA	D	DCP1			
GOK		GUTHRIE	OK	GUTHRIE MUNICIPAL AIRPORT	SR	OUN	FAA	D	DCP1			
HBR		HOBART	OK	HOBART MUNICIPAL AIRPORT	SR	OUN	FAA	D	DCP1			
LAW		LAWTON	OK	LAWTON MUNICIPAL AIRPORT	SR	OUN	FAA	C	DCP1			
PNC		PONCA CITY	OK	PONCA CITY MUNICIPAL AIRPORT	SR	OUN	FAA	D	DCP1			
PWA		OKLAHOMA CITY	OK	WILEY POST AIRPORT	SR	OUN	FAA	C	DCP1			
SWO		STILLWATER	OK	STILLWATER REGIONAL AIRPORT	SR	OUN	FAA	C	DCP1			9
OKC	Y	OKLAHOMA CITY	OK	WILL ROGERS WORLD AIRPORT	SR	OUN	NWS	A	DCP1		DCP1	
SPS	Y	WICHITA FALLS	TX	ASOS-SHGPARD AFB-INTL ARPT-WSO	SR	OUN	NWS	C	DCP1			3
TOTALS										11	1	12

NWS SOUTHERN REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTALS
DEQ		DE QUEEN	AR	J LYNN HELMS SEVIER COUNTY AIRPORT	SR	SHV	FAA	D	DCP1			
DTN		SHREVEPORT	LA	SHREVEPORT DOWNTOWN AIRPORT	SR	SHV	FAA	C	DCP1			
ELD		EL DORADO	AR	GOODWIN FIELD AIRPORT	SR	SHV	FAA	D	DCP1			
GGG		LONGVIEW	TX	LONGVIEW EAST TEXAS REGIONAL AIRPORT	SR	SHV	FAA	C	DCP1			
LFK		BURKE	TX	LUFKIN ANGELINA COUNTY AIRPORT	SR	SHV	FAA	D	DCP1			
MLU		MONROE	LA	MONROE REGIONAL AIRPORT	SR	SHV	FAA	C	DCP1			
TXK		TEXARKANA	AR	TEXARKANA REGIONAL-WEBB FIELD AIRPORT	SR	SHV	FAA	C	DCP1			
TYR		TYLER	TX	TYLER POUNDS FIELD AIRPORT	SR	SHV	FAA	C	DCP1			8
SHV	Y	SHREVEPORT	LA	SHREVEPORT, LA	SR	SHV	NWS	B	DCP1			1
TOTALS									9			9
ABI	Y	ABILENE	TX	ABILENE REGIONAL AIRPORT	SR	SJT	NWS	C	DCP1		DCP1	
JCT		JUNCTION	TX	KIMBLE COUNTY AIRPORT	SR	SJT	NWS	D	DCP1			
SJT	Y	SAN ANGELO	TX	SAN ANGELO, TX	SR	SJT	NWS	C	DCP1			4
TOTALS									3		1	4

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NWS SOUTHERN REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTALS
STT		CHARLOTTE AMALIE	VI	CYRIL E KING AIRPORT	SR	SJU	FAA	C	DCP1			
STX		CHRISTIANSTED	VI	HENRY E ROHLSEN AIRPORT	SR	SJU	FAA	C	DCP1			2
SJU	Y	SAN JUAN	PR	SAN JUAN, PR	SR	SJU	NWS	B	DCP1			
TJNR		ROOSEVELT ROADS	PR	ROOSEVELT ROADS NAVAL STN/CEIBA 1SE	SR	SJU	NWS	O	DCP1			2
TOTALS									4			4

ABY		ALBANY	GA	SOUTHWEST GEORGIA REGIONAL AIRPORT	SR	TAE	FAA	C	DCP1			
DHN		DOTHAN	AL	DOTHAN AIRPORT	SR	TAE	FAA	C	DCP1			
MAI		MARIANNA	FL	MARIANNA MUNICIPAL AIRPORT	SR	TAE	FAA	D	DCP1			
PFN		PANAMA CITY	FL	PANAMA CITY-BAY COUNTY AIRPORT	SR	TAE	FAA	C	DCP1			
VLD		VALDOSTA	GA	VALDOSTA REGIONAL AIRPORT	SR	TAE	FAA	C	DCP1			5
40J		PERRY/FOLEY	FL	PERRY-FOLEY AIRPORT	SR	TAE	NWS	D				
AAF		APALACHICOLA	FL	APALACHICOLA MUNICIPAL AIRPORT	SR	TAE	NWS	D	DCP1			
CTY		CROSS CITY	FL	CROSS CITY AIRPORT	SR	TAE	NWS	D				
TLH	Y	TALLAHASSEE	FL	TALLAHASSEE REGIONAL AIRPORT	SR	TAE	NWS	B	DCP1			2
TOTALS									7			7

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NWS SOUTHERN REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTALS
BKV		BROOKSVILLE	FL	HERNANDO COUNTY AIRPORT	SR	TBW	FAA	D	DCP1			
FMY	Y	FORT MYERS	FL	FORT MYERS FAA/AP	SR	TBW	FAA	C	DCP1			
GIF		WINTER HAVEN	FL	WINTER HAVEN'S GILBERT AIRPORT	SR	TBW	FAA	D	DCP1			
PGD		PUNTA GORDA	FL	CHARLOTTE COUNTY AIRPORT	SR	TBW	FAA	D	DCP1			
PIE		ST PETERSBURG-CLEARWATER	FL	ST PETERSBURG-CLEARWATER INTL AIRPORT	SR	TBW	FAA	C	DCP1			
RSW		FORT MYERS	FL	SOUTHWEST FLORIDA INTERNATIONAL AIRPORT	SR	TBW	FAA	C	DCP1			
SPG		ST PETERSBURG	FL	ALBERT WHITTED AIRPORT	SR	TBW	FAA	C	DCP1			
SRQ		SARASOTA/ BRADENTON	FL	SARASOTA-BRADENTON AIRPORT	SR	TBW	FAA	C	DCP1			8
TPA	Y	TAMPA	FL	TAMPA INT'L AIRPORT	SR	TBW	NWS	A	DCP1		DCP2	2
TOTALS									9		1	10

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTALS
BVO		BARTLESVILLE	OK	BARTLESVILLE MUN AP	SR	TSA	FAA	D	DCP1			
FYV		FAYETTEVILLE	AR	DRAKE FIELD AIRPORT	SR	TSA	FAA	C	DCP1			
MKO		MUSKOGEE	OK	DAVIS FIELD AIRPORT	SR	TSA	FAA	D	DCP1			
MLC		MCALESTER	OK	MCALESTER	SR	TSA	FAA	D	DCP1			
RVS		TULSA	OK	RICHARD LLOYD JONES JR AIRPORT	SR	TSA	FAA	C	DCP1			
XNA		FAYETTEVILLE/ SPRINGDALE	AR	NORTHWEST ARKANSAS REGIONAL	SR	TSA	FAA	C	DCP1			6
FSM	Y	FORT SMITH	AR	FORT SMITH REGIONAL AP - ASOS	SR	TSA	NWS	C	DCP1		DCP1	
TUL	Y	TULSA	OK	TULSA INTERNATIONAL AIRPORT	SR	TSA	NWS	B	DCP1		DCP1	4
TOTALS									8		2	10

NWS EASTERN REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
ECG		ELIZABETH CITY	NC	ELIZABETH CITY CG AIR STN/RGNL AIRPORT	ER	AKQ	FAA	D	DCP1			
OFP		RICHMOND	VA	HANOVER COUNTY MUNICIPAL	ER	AKQ	FAA	D	DCP1			
OXB		OCEAN CITY	MD	OCEAN CITY MUNICIPAL AIRPORT	ER	AKQ	FAA	D	DCP1			
PHF		NEWPORT NEWS	VA	NEWPORT NEWS/WILLIAMSBURG INTL AIRPORT	ER	AKQ	FAA	C	DCP1			
SBY		SALISBURY	MD	SALISBURY-OCEAN CITY WICOMICO REGIONAL	ER	AKQ	FAA	C	DCP1			5
AKQ		WAKEFIELD	VA	WAKEFIELD, VA	ER	AKQ	NWS	D	DCP1			
ORF	Y	NORFOLK	VA	NORFOLK INTL AP	ER	AKQ	NWS	B	DCP1		DCP1	
RIC	Y	RICHMOND	VA	RICMOND INTL ARPT	ER	AKQ	NWS	A	DCP1			
WAL	Y	WALLOPS ISLAND	VA	WALLOPS FLIGHT FACILITY AIRPORT	ER	AKQ	NWS	O	DCP1			5
TOTALS									9		1	10

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
AQW		NORTH ADAMS	MA	HARRIMAN-AND-WEST AIRPORT	ER	ALY	FAA	D	DCP1			
DDH		BENNINGTON	VT	BENNINGTON STATE AIRPORT	ER	ALY	FAA	D	DCP1			
GFL		GLENS FALLS	NY	WARREN COUNTY AIRPORT	ER	ALY	FAA	D	DCP1			
POU		POUGHKEEPSIE	NY	DUTCHESS CTY AP	ER	ALY	FAA	C	DCP1			
PSF		PITTSFIELD	MA	PITTSFIELD MUNICIPAL AIRPORT	ER	ALY	FAA	D	DCP1			5
ALB	Y	ALBANY	NY	ALBANY INTL AP	ER	ALY	NWS	B	DCP1			1
TOTALS									6			6

NWS EASTERN REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
ELM		ELMIRA	NY	ELMIRA/CORNING REGIONAL AIRPORT	ER	BGM	FAA	C	DCP1			
PEO		PENN YAN	NY	PENN YAN AIRPORT	ER	BGM	FAA	D	DCP1			
RME		ROME	NY	GRIFFISS AIRFIELD AP	ER	BGM	FAA	D	DCP1			3
AVP	Y	WILKES-BARRE/SCRANTON	PA	WILKES-BARRE/SCRANTON INTL	ER	BGM	NWS	C	DCP1		DCP1	
BGM	Y	BINGHAMTON	NY	BINGHAMTON, NY	ER	BGM	NWS	C	DCP1			
SYR	Y	SYRACUSE	NY	SYRACUSE HANCOCK INTL ARPT	ER	BGM	NWS	A	DCP1	DCP2		5
TOTALS									6	1	1	8

NWS EASTERN REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
ACK		NANTUCKET	MA	NANTUCKET MEMORIAL AIRPORT	ER	BOX	FAA	C	DCP1			
AFN		JAFFREY	NH	JAFFREY MUNICIPAL-SILVER RANCH AIRPORT	ER	BOX	FAA	D	DCP1			
BAF		WESTFIELD	MA	BARNES MUNICIPAL AIRPORT	ER	BOX	FAA	C	DCP1			
BED		BEDFORD	MA	LAURENCE G HANSCOM FIELD AIRPORT	ER	BOX	FAA	C	DCP1			
BVY		BEVERLY	MA	BEVERLY MUNICIPAL AIRPORT	ER	BOX	FAA	C	DCP1			
CQX		CHATHAM	MA	MUNICIPAL AIRPORT	ER	BOX	FAA	D	DCP1			
EWB		NEW BEDFORD	MA	NEW BEDFORD MUNICIPAL AIRPORT	ER	BOX	FAA	C	DCP1			
FIT		FITCHBURG	MA	FITCHBURG MUNICIPAL AIRPORT	ER	BOX	FAA	D	DCP1			
HFD		HARTFORD	CT	HARTFORD-BRAINARD AIRPORT	ER	BOX	FAA	C	DCP1			
HYA		HYANNIS	MA	BARNSTABLE MUNI -BOARDMAN/POLANDO FLD	ER	BOX	FAA	C	DCP1			
IJD		WILLIMANTIC	CT	WINDHAM AIRPORT	ER	BOX	FAA	D	DCP1			
LWM		LAWRENCE	MA	LAWRENCE MUNICIPAL AIRPORT	ER	BOX	FAA	C	DCP1			
MHT		MANCHESTER	NH	MANCHESTER AIRPORT GRENIER INDSTRL ARPK	ER	BOX	FAA	A	DCP1			
MVY		VINEYARD HAVEN	MA	MARTHAS VINEYARD AIRPORT	ER	BOX	FAA	C	DCP1			
ORE		ORANGE	MA	ORANGE MUNICIPAL AIRPORT	ER	BOX	FAA	D	DCP1			
OWD		NORWOOD	MA	NORWOOD MEMORIAL AIRPORT	ER	BOX	FAA	C	DCP1			
PYM		PLYMOUTH	MA	PLYMOUTH MUNICIPAL AIRPORT	ER	BOX	FAA	D	DCP1			
TAN		TAUNTON	MA	TAUNTON MUNICIPAL AIRPORT	ER	BOX	FAA	D	DCP1			
UUU		NEWPORT	RI	NEWPORT STATE AIRPORT	ER	BOX	FAA	D	DCP1			
WST		WESTERLY	RI	WESTERLY STATE AIRPORT	ER	BOX	FAA	D	DCP1			20
BDL	Y	WINDSOR LOCKS	CT	BRADLEY INTL AP	ER	BOX	NWS	A	DCP1		DCP1	
BOS	Y	BOSTON	MA	GEN. EDWARD LAWRENCE/LOGAN INTL AIRPORT	ER	BOX	NWS	A	DCP1	DCP2	DCP3	
MQE	Y	EAST MILTON	MA	BLUE HILL OBSERVATORY	ER	BOX	NWS	O				
ORH	Y	WORCESTER	MA	MUNICIPAL APT	ER	BOX	NWS	C	DCP1			
PVD	Y	PROVIDENCE	RI	PO WARWICK	ER	BOX	NWS	A	DCP1		DCP1	8
TOTALS									24	1	3	28

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
MPV		BARRE/MONTPELIER	VT	EDWARD F KNAPP STATE AIRPORT	ER	BTV	FAA	D	DCP1			
MSS		MASSENA	NY	MASSENA INTERNATIONAL-RICHARDS FIELD	ER	BTV	FAA	D	DCP1			
MVL		MORRISVILLE	VT	MORRISVILLE-STOWE STATE AIRPORT	ER	BTV	FAA	D	DCP1			
PBG		PLATTSBURGH	NY	PLATTSBURGH INTL ARPT	ER	BTV	FAA	D	DCP1			
SLK		SARANAC LAKE	NY	ADIRONDACK AIRPORT	ER	BTV	FAA	D	DCP1			
VSF		SPRINGFIELD	VT	HARTNESS STATE (SPRINGFIELD) AIRPORT	ER	BTV	FAA	D	DCP1			6
1V4		SAINT JOHNSBURY	VT	SAINT JOHNSBURY	ER	BTV	NWS	O				
BTV	Y	SOUTH BURLINGTON	VT	BURLINGTON, VT	ER	BTV	NWS	B	DCP1			1
TOTALS										7		7

NWS EASTERN REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
ART		WATERTOWN	NY	WATERTOWN INTERNATIONAL AIRPORT	ER	BUF	FAA	D	DCP1			
DKK		DUNKIRK	NY	CHAUTAUQUA COUNTY/DUNKIRK AIRPORT	ER	BUF	FAA	D	DCP1			
DSV		DANSVILLE	NY	DANSVILLE MUNICIPAL AIRPORT	ER	BUF	FAA	D	DCP1			
ELZ		WELLSVILLE	NY	WELLSVILLE MUNICIPAL-TARANTINE FIELD	ER	BUF	FAA	D	DCP1			
FZY		FULTON	NY	OSWEGO COUNTY AIRPORT	ER	BUF	FAA	D	DCP1			
IAG		NIAGARA FALLS	NY	NIAGARA FALLS INTERNATIONAL APT	ER	BUF	FAA	C	DCP1			6
BUF	Y	BUFFALO	NY	BUFFALO, NY	ER	BUF	NWS	B	DCP1			
ROC	Y	ROCHESTER	NY	GREATER ROCHESTER INTL	ER	BUF	NWS	A	DCP1			2
TOTALS										8		8

CUB		COLUMBIA	SC	COLUMBIA OWENS DOWNTOWN AIRPORT	ER	CAE	FAA	D	DCP1			
OGB		ORANGEBURG	SC	ORANGEBURG MUNICIPAL AIRPORT	ER	CAE	FAA	D	DCP1			2
CAE	Y	WEST COLUMBIA	SC	COLUMBIA, SC	ER	CAE	NWS	A	DCP1			1
TOTALS										3		3

NWS EASTERN REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
BGR		BANGOR	ME	BANGOR INTERNATIONAL AIRPORT	ER	CAR	FAA	B	DCP1			
FVE		MADAWASKA	ME	NORTHERN AROOSTOOK REGIONAL AIRPORT	ER	CAR	FAA	D	DCP1			
HUL		HOULTON	ME	HOULTON INTERNATIONAL AIRPORT	ER	CAR	FAA	D	DCP1			
MLT		MILLINOCKET	ME	MILLINOCKET MUNICIPAL AIRPORT	ER	CAR	FAA	D	DCP1			4
CAR	Y	CARIBOU	ME	WFO CARIBOU	ER	CAR	NWS	D	DCP1			
GNR		GREENVILLE	ME	GREENVILLE MUNICIPAL AIRPORT ASOS	ER	CAR	NWS	O				1
TOTALS									5			5

NWS EASTERN REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
CHS	Y	CHARLESTON	SC	CHARLESTON, SC	ER	CHS	NWS	B	DCP1			1
TOTALS									1			1

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
AKR		AKRON	OH	AKRON FULTON INTERNATIONAL AIRPORT	ER	CLE	FAA	D	DCP1			
BJJ		WOOSTER	OH	WAYNE COUNTY AIRPORT	ER	CLE	FAA	D	DCP1			
BKL		CLEVELAND	OH	BURKE LAKEFRONT AIRPORT	ER	CLE	FAA	C	DCP1			
FDY		FINDLAY	OH	FINDLAY AIRPORT	ER	CLE	FAA	D	DCP1			
GKJ		MEADVILLE	PA	PORT MEADVILLE AIRPORT	ER	CLE	FAA	D	DCP1			
HZY		ASHTABULA	OH	ASHTABULA COUNTY AIRPORT	ER	CLE	FAA	D	DCP1			
LPR		LORAIN/ELYRIA	OH	LORAIN COUNTY REGIONAL AIRPORT	ER	CLE	FAA	D	DCP1			
MNN		MARION	OH	MARION MUNICIPAL AIRPORT	ER	CLE	FAA	D	DCP1			
TDZ		TOLEDO	OH	METCALF FIELD AIRPORT	ER	CLE	FAA	D	DCP1			9
CAK	Y	AKRON	OH	AKRON-CANTON REGIONAL ARPT	ER	CLE	NWS	B	DCP1			
CLE	Y	CLEVELAND	OH	CLEVELAND, OH	ER	CLE	NWS	A	DCP1	DCP2	DCP1	
ERI	Y	ERIE	PA	ERIE INTL/TOM RIDGE FIELD AIRPORT	ER	CLE	NWS	C	DCP1		DCP1	
MFD	Y	MANSFIELD	OH	LAHM MUNICIPAL AIRPORT	ER	CLE	NWS	C	DCP1			
TOL	Y	TOLEDO	OH	TOLEDO EXPRESS AIRPORT	ER	CLE	NWS	C	DCP1		DCP1	
YNG	Y	YOUNGSTOWN	OH	YOUNGSTOWN-WARREN REG AIRPRT	ER	CLE	NWS	B	DCP1			10
TOTALS									15	1	3	19

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NWS EASTERN REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
AOO		ALTOONA	PA	ALTOONA-BLAIR COUNTY AIRPORT	ER	CTP	FAA	D	DCP1			
BFD		BRADFORD	PA	BRADFORD REGIONAL AIRPORT	ER	CTP	FAA	D	DCP1			
CXY		HARRISBURG	PA	CAPITAL CITY AIRPORT	ER	CTP	FAA	C	DCP1			
FIG		CLEARFIELD	PA	CLEARFIELD-LAWRENCE AIRPORT	ER	CTP	FAA	D	DCP1			
JST		JOHNSTOWN	PA	JOHNSTOWN-CAMBRIA COUNTY AIRPORT	ER	CTP	FAA	D	DCP1			
LNS		LANCASTER	PA	LANCASTER AIRPORT	ER	CTP	FAA	C	DCP1			
MDT	Y	HARRISBURG	PA	HARRISBURG INTERNATIONAL AIRPORT	ER	CTP	FAA	A	DCP1			
SEG		SELINSGROVE	PA	PENN VALLEY AIRPORT	ER	CTP	FAA	D	DCP1			
THV		YORK	PA	YORK AIRPORT	ER	CTP	FAA	D	DCP1			9
IPT	Y	WILLIAMSPORT	PA	WILLIAMSPORT RGNL	ER	CTP	NWS	C	DCP1			1
TOTALS									10			10

AKH		GASTONIA	NC	GASTONIA MUNICIPAL AIRPORT	ER	GSP	FAA	D	DCP1			
AND		ANDERSON	SC	ANDERSON COUNTY AIRPORT	ER	GSP	FAA	D	DCP1			
CEU		CLEMSON	SC	OCONEE COUNTY REGIONAL AIRPORT	ER	GSP	FAA	D	DCP1			
EQY		MONROE	NC	MONROE AIRPORT	ER	GSP	FAA	D	DCP1			
GMU		GREENVILLE	SC	GREENVILLE DOWNTOWN AP	ER	GSP	FAA	C	DCP1			
GRD		GREENWOOD	SC	GREENWOOD COUNTY AIRPORT	ER	GSP	FAA	D	DCP1			
HKY		HICKORY	NC	HICKORY REGIONAL AIRPORT	ER	GSP	FAA	C	DCP1			
UZA		ROCK HILL	SC	ROCK HILL YORK CNTY BRYANT FIELD ARPT	ER	GSP	FAA	D	DCP1			8
AVL	Y	FLETCHER	NC	ASHEVILLE REGIONAL AIRPORT	ER	GSP	NWS	C	DCP1		DCP1	
CLT	Y	CHARLOTTE	NC	CHARLOTTE/DOUGLAS INTL AIRPORT	ER	GSP	NWS	A	DCP1	DCP2		
GSP	Y	GREER	SC	GREENVILLE/SPARTANBURG, SC	ER	GSP	NWS	C	DCP1		DCP1	6
TOTALS									11	1	2	14

NWS EASTERN REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
AUG		AUGUSTA	ME	AUGUSTA STATE AIRPORT	ER	GYX	FAA	D	DCP1			
BML		BERLIN	NH	BERLIN MUNICIPAL AIRPORT	ER	GYX	FAA	D	DCP1			
DAW		ROCHESTER	NH	SKYHAVEN AIRPORT	ER	GYX	FAA	D	DCP1			
HIE		WHITEFIELD	NH	MT WASHINGTON REGIONAL AIRPORT	ER	GYX	FAA	D	DCP1			
IWI		WISCASSET	ME	WISCASSET AIRPORT	ER	GYX	FAA	D	DCP1			
IZG		FRYEBURG	ME	EASTERN SLOPES REGIONAL AIRPORT	ER	GYX	FAA	D	DCP1			
LEB		LEBANON	NH	LEBANON MUNICIPAL AIRPORT	ER	GYX	FAA	C	DCP1			7
CON	Y	CONCORD	NH	CONCORD MUNI ARPT	ER	GYX	NWS	D	DCP1			
PWM	Y	PORTLAND	ME	RESIDUAL OFFICE TO PORTLAND WSFO (GYX)	ER	GYX	NWS	B	DCP1	DCP2	DCP1	4
TOTALS									9	1	1	**11**

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
CRE		NORTH MYRTLE BEACH	SC	GRAND STRAND AIRPORT	ER	ILM	FAA	C	DCP1			
FLO		FLORENCE	SC	FLORENCE REGIONAL AIRPORT	ER	ILM	FAA	C	DCP1			
LBT		LUMBERTON	NC	LUMBERTON MUNICIPAL AIRPORT	ER	ILM	FAA	D	DCP1			3
ILM	Y	WILMINGTON	NC	WILMINGTON, NC	ER	ILM	NWS	C	DCP1		DCP1	2
TOTALS									4		1	**5**

NWS EASTERN REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
HAO		HAMILTON	OH	BUTLER COUNTY REGIONAL AIRPORT	ER	ILN	FAA	D	DCP1			
LHQ		LANCASTER	OH	FAIRFIELD COUNTY AIRPORT	ER	ILN	FAA	D	DCP1			
LUK		CINCINNATI	OH	CINCINNATI MUNICIPAL AIRPORT-LUNKEN FLD	ER	ILN	FAA	C	DCP1			
MGY		DAYTON	OH	DAYTON-WRIGHT BROTHERS AP	ER	ILN	FAA	D	DCP1			
OSU		COLUMBUS	OH	OHIO STATE UNIVERSITY AIRPORT	ER	ILN	FAA	C	DCP1			
VTA		NEWARK	OH	NEWARK-HEATH AIRPORT	ER	ILN	FAA	D	DCP1			6
CMH	Y	COLUMBUS	OH	PORT COLUMBUS INTL AIRPORT	ER	ILN	NWS	A	DCP1	DCP2		
CVG	Y	CINCINNATI	KY	CINCINNATI/NORTHERN KY INTL	ER	ILN	NWS	A	DCP1	DCP2		
DAY	Y	DAYTON	OH	COX DAYTON INTERNATIONAL	ER	ILN	NWS	A	DCP1	DCP2		
ILN		WILMINGTON	OH	CINCINNATI, OH	ER	ILN	NWS	D	DCP1			7

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
TOTALS									10	3		13

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
AOH		LIMA	OH	LIMA ALLEN COUNTY AIRPORT	ER	IWX	FAA	D	DCP1			
DFI		DEFIANCE	OH	DEFIANCE MEMORIAL AIRPORT	ER	IWX	FAA	D	DCP1			2
TOTALS									2			2

NWS EASTERN REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
CHO		CHARLOTTESVILLE	VA	CHARLOTTESVILLE-ALBEMARLE AIRPORT	ER	LWX	FAA	C	DCP1			
HGR		HAGERSTOWN	MD	HAGERSTOWN REGIONAL AIRPORT	ER	LWX	FAA	C	DCP1			
MRB		MARTINSBURG	WV	EASTERN WEST VIRGINIA RGNL/SHEPHERD ARPT	ER	LWX	FAA	D	DCP1			3
BWI	Y	BALTIMORE	MD	BALTIMORE/WASHINGTON INTL THURGOOD MARSHALL AIRPORT	ER	LWX	NWS	A	DCP1	DCP1		
DCA	Y	WASHINGTON	DC	RONALD REAGAN WASHINGTON NATL AP	ER	LWX	NWS	A	DCP1		DCP1	
DMH		BALIMORE	MD	MD SCIENCE CTR @ BALTIMORE INNER HARBOR	ER	LWX	NWS	O				
IAD	Y	WASHINGTON DULLES	VA	DULLES INTERNATIONAL AIRPORT	ER	LWX	NWS	A	DCP1	DCP3	DCP2	7
TOTALS									6	2	2	10

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
EWN		NEW BERN	NC	CRAVEN COUNTY REGIONAL AIRPORT	ER	MHX	FAA	C	DCP1			
MRH		BEAUFORT	NC	MICHAEL J SMITH FIELD AIRPORT	ER	MHX	FAA	D	DCP1			2
HSE	Y	HATTERAS-FRISCO	NC	BILLY MITCHELL AP	ER	MHX	NWS	D	DCP1			1
TOTALS									3			3

NWS EASTERN REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
CDW		CALDWELL	NJ	ESSEX COUNTY AIRPORT	ER	OKX	FAA	C	DCP1			
DXR		DANBURY	CT	DANBURY MUNICIPAL AIRPORT	ER	OKX	FAA	C	DCP1			
FOK		WESTHAMPTON BEACH	NY	SUFFOLK COUNTY AIRPORT	ER	OKX	FAA	D	DCP1			
FRG		FARMINGDALE	NY	REPUBLIC AIRPORT	ER	OKX	FAA	C	DCP1			
GON		GROTON/NEW LONDON	CT	GROTON-NEW LONDON AIRPORT	ER	OKX	FAA	C	DCP1			
HPN		WHITE PLAINS	NY	WESTCHESTER COUNTY AIRPORT	ER	OKX	FAA	B	DCP1			
HVN		NEW HAVEN	CT	TWEED-NEW HAVEN AIRPORT	ER	OKX	FAA	C	DCP1			
HWV		SHIRLEY	NY	BROOKHAVEN AIRPORT	ER	OKX	FAA	D	DCP1			
ISP	Y	ISLIP	NY	LONG ISLAND MAC ARTHUR AIRPORT	ER	OKX	FAA	B	DCP1		DCP2	
MGJ		MONTGOMERY	NY	ORANGE COUNTY AIRPORT	ER	OKX	FAA	D	DCP1			
MMK		MERIDEN	CT	MERIDEN MARKHAM MUNICIPAL AIRPORT	ER	OKX	FAA	D	DCP1			12
BDR	Y	BRIDGEPORT	CT	SIKORSKY MEMORIAL AIRPORT	ER	OKX	NWS	C	DCP1	DCP2		
EWR	Y	NEWARK	NJ	NEWARK INTL AIRPORT	ER	OKX	NWS	A	DCP1		DCP1	
JFK	Y	NEW YORK	NY	KENNEDY INTERNATIONAL ARPT	ER	OKX	NWS	A	DCP1	DCP2	DCP1	
LGA	Y	NEW YORK	NY	NEW YORK LA GUARDIA ARPT	ER	OKX	NWS	A	DCP1	DCP2	DCP1	
MTP		MONTAUK	NY	MONTAUK AP	ER	OKX	NWS	D				
NYC	Y	NEW YORK	NY		ER	OKX	NWS	D	LOCAL			
TEB		TETERBORO	NJ	TETERBORO AIRPORT	ER	OKX	NWS	B	DCP1			12
TOTALS									17	3	4	24

NWS EASTERN REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
AGC		PITTSBURGH	PA	ALLEGHENY COUNTY AIRPORT	ER	PBZ	FAA	C	DCP1			
DUJ		DU BOIS	PA	DU BOIS AIRPORT	ER	PBZ	FAA	D	DCP1			
HLG		WHEELING	WV	WHEELING AIRPORT	ER	PBZ	FAA	C	DCP1			
MGW		MORGANTOWN	WV	MORGANTOWN MUNICIPAL-WALTER B HART FIELD	ER	PBZ	FAA	C	DCP1			
PHD		NEW PHILADELPHIA	OH	HARRY CLEVER FIELD	ER	PBZ	FAA	D	DCP1			
ZZV		ZANESVILLE	OH	ZANESVILLE MUNICIPAL ARPT	ER	PBZ	FAA	D	DCP1			6
PIT	Y	PITTSBURGH	PA	PITTSBURGH INTERNATIONAL AIRPORT	ER	PBZ	NWS	A	DCP1	DCP2		2
TOTALS									7	1		8

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
DYL		DOYLESTOWN	PA	DOYLESTOWN AIRPORT	ER	PHI	FAA	D	DCP1			
FWN		SUSSEX	NJ	SUSSEX AIRPORT	ER	PHI	FAA	D	DCP1			
GED		GEORGETOWN	DE	SUSSEX COUNTY AIRPORT	ER	PHI	FAA	D	DCP1			
MIV		MILLVILLE	NJ	MILLVILLE MUNICIPAL AIRPORT	ER	PHI	FAA	D	DCP1			
MPO		MOUNT POCONO	PA	POCONO MOUNTAINS MUNICIPAL AIRPORT	ER	PHI	FAA	D	DCP1			
PTW		POTTSTOWN	PA	POTTSTOWN LIMERICK AIRPORT	ER	PHI	FAA	D	DCP1			
RDG		READING	PA	READING REGIONAL AIRPORT	ER	PHI	FAA	C	DCP1			
SMQ		SOMERVILLE	NJ	SOMERSET AIRPORT	ER	PHI	FAA	D	DCP1			
TTN		TRENTON	NJ	MERCER COUNTY AIRPORT	ER	PHI	FAA	C	DCP1			
VAY		MOUNT HOLLY	NJ	SOUTH JERSEY REGIONAL AIRPORT	ER	PHI	FAA	D	DCP1			10
12N		ANDOVER	NJ	AEROFLEX-ANDOVER AIRPORT	ER	PHI	NWS	D				
ABE	Y	ALLENTOWN	PA	LEHIGH VALLEY INTL AP	ER	PHI	NWS	C	DCP1		DCP1	
ACY	Y	ATLANTIC CITY	NJ	ATLANTIC CITY INTERNATIONAL	ER	PHI	NWS	C	DCP1			
ILG	Y	WILMINGTON	DE	WILMINGTON NEW CASTLE CO	ER	PHI	NWS	C	DCP1			
PHL	Y	PHILADELPHIA	PA	PHILALDELPHIA INTL ARPT	ER	PHI	NWS	A	DCP1	DCP2		
PNE		PHILADELPHIA	PA	NORTHEAST PHILADELPHIA AIRPORT	ER	PHI	NWS	C	DCP1			7
TOTALS									15	1	1	17

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
BUY		BURLINGTON	NC	BURLINGTON MUNICIPAL AIRPORT	ER	RAH	FAA	D	DCP1			
FAY		FAYETTEVILLE	NC	FAYETTEVILLE REGIONAL/GRANNIS FIELD	ER	RAH	FAA	C	DCP1			
IGX		CHAPEL HILL	NC	HORACE WILLIAMS AIRPORT	ER	RAH	FAA	D	DCP1			
INT		WINSTON-SALEM	NC	SMITH REYNOLDS AIRPORT	ER	RAH	FAA	C	DCP1			
MEB		MAXTON	NC	LAURINBURG-MAXTON AIRPORT	ER	RAH	FAA	D	DCP1			
RWI		ROCKY MOUNT	NC	ROCKY MOUNT-WILSON RGNL	ER	RAH	FAA	D	DCP1			
RZZ		ROANOKE RAPIDS	NC	HALIFAX COUNTY AIRPORT	ER	RAH	FAA	D	DCP1			7
GSO	Y	GREENSBORO	NC	PIEDMONT TRIAD INTL ARPT	ER	RAH	NWS	B	DCP1			
RDU	Y	RALEIGH/DURHAM	NC	RALEIGH-DURHAM INTL AIRPORT	ER	RAH	NWS	A	DCP1	DCP2		3
TOTALS									9	1		10

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
CKB		CLARKSBURG	WV	BENEDUM AIRPORT	ER	RLX	FAA	C	DCP1			
PKB		PARKERSBURG	WV	WOOD COUNTY AIRPORT GILL ROBB WILSON FLD	ER	RLX	FAA	C	DCP1			2
BKW	Y	BECKLEY	WV	RALEIGH COUNTY MEMORIAL AIRPORT	ER	RLX	NWS	D	DCP1	DCP2		
CRW	Y	CHARLESTON	WV	YEAGER AP	ER	RLX	NWS	B	DCP1			
EKN	Y	ELKINS	WV	JENNINGS RANDOLPH FIELD	ER	RLX	NWS	D	DCP1			
HTS	Y	HUNTINGTON	WV	TRI-STATE AIRPORT	ER	RLX	NWS	C	DCP1			5
TOTALS									6	1		7

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
BLF		BLUEFIELD	WV	MERCER COUNTY AIRPORT	ER	RNK	FAA	D	DCP1			
DAN		DANVILLE	VA	DANVILLE REGIONAL AIRPORT	ER	RNK	FAA	D	DCP1			2
LYH	Y	LYNCHBURG	VA	LYNCHBURG REGIONAL AIRPORT	ER	RNK	NWS	C	DCP1			
ROA	Y	ROANOKE	VA	ROANOKE REGIONAL AIRPORT	ER	RNK	NWS	B	DCP1		DCP1	3
TOTALS									4		1	5

NWS WESTERN REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
BKE		BAKER	OR	BAKER FCWOS	WR	BOI	FAA	D	DCP1			
JER		JEROME	ID	JEROME COUNTY AIRPORT	WR	BOI	FAA	D	DCP1			
ONO		ONTARIO	OR	ONTARIO MUNICIPAL AIRPORT	WR	BOI	FAA	D	DCP1			
TWF		TWIN FALLS	ID	JOSLIN FLD - MAGIC VALLEY REG AP	WR	BOI	FAA	C	DCP1			4
BNO	Y	BURNS	OR	BURNS MUNICIPAL AIRPORT	WR	BOI	NWS	D	DCP1			
BOI	Y	BOISE	ID	BOISE, ID	WR	BOI	NWS	C	DCP1			
MYL		MCCALL	ID	MCCALL AIRPORT	WR	BOI	NWS	D	DCP1			
REO		ROME	OR	ROME STATE ARPT ASOS	WR	BOI	NWS	D				3
TOTALS										7		7
BHK		BAKER	MT	BAKER MUNICIPAL AIRPORT	WR	BYZ	FAA	D	DCP1			
LVM		LIVINGSTON	MT	LIVINGSTON AP	WR	BYZ	FAA	D	DCP1			
MLS		MILES CITY	MT	MILES CITY AP	WR	BYZ	FAA	D	DCP1			3
BIL	Y	BILLINGS	MT	BILLINGS INTL AP	WR	BYZ	NWS	B	DCP1			
SHR	Y	SHERIDAN	WY	SHERIDAN AP	WR	BYZ	NWS	D	DCP1			2
TOTALS										5		5
ACV		ARCATA/ EUREKA	CA	ARCATA AIRPORT	WR	EKA	FAA	D	DCP1			
CEC		CRESCENT CITY	CA	JACK MC NAMARA FIELD AIRPORT	WR	EKA	FAA	D	DCP1			
STS		SANTA ROSA	CA	SANTA ROSA SONOMA CO AP	WR	EKA	FAA	C	DCP1			
UKI		UKIAH	CA	UKIAH MUNICIPAL AIRPORT	WR	EKA	FAA	D	DCP1			4
TOTALS										4		

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
GCN		GRAND CANYON	AZ	GRAND CANYON NATIONAL PARK AIRPORT	WR	FGZ	FAA	C	DCP1			
PRC		PRESCOTT	AZ	ERNEST A LOVE FIELD AIRPORT	WR	FGZ	FAA	C	DCP1			
SJN		ST JOHNS	AZ	ST JOHNS INDUSTRIAL AIRPARK AIRPORT	WR	FGZ	FAA	D	DCP1			3
FLG	Y	FLAGSTAFF	AZ	FLAGSTAFF AP	WR	FGZ	NWS	C	DCP1			
INW	Y	WINSLOW	AZ	WINSLOW-LINDBERGH REGIONAL AIRPORT	WR	FGZ	NWS	D	DCP1			
PGA		PAGE	AZ	PAGE MUNICIPAL AIRPORT	WR	FGZ	NWS	D	DCP1			3
TOTALS									6			6
OLF		WOLF POINT	MT	L M CLAYTON AIRPORT	WR	GGW	FAA	D	DCP1			1
GGW	Y	GLASGOW	MT	GLASGOW,MT	WR	GGW	NWS	D	DCP1			1
JDN		JORDAN	MT	JORDAN AIRPORT	WR	GGW	NWS	D				
TOTALS									2			2
HJO		HANFORD	CA	HANFORD MUNICIPAL AIRPORT	WR	HNX	FAA	D	DCP1			
LVK		LIVERMORE	CA	LIVERMORE MUNICIPAL AIRPORT	WR	HNX	FAA	C	DCP1			
MAE		MADERA	CA	MADERA MUNICIPAL AIRPORT	WR	HNX	FAA	D	DCP1			
MCE		MERCED	CA	MUNICIPAL AIRPORT	WR	HNX	FAA	D	DCP1			
MOD		MODESTO	CA	MODESTO AP	WR	HNX	FAA	C	DCP1			5
BFL	Y	BAKERSFIELD	CA	BAKERSFIELD AP	WR	HNX	NWS	C	DCP1		DCP1	
FAT	Y	FRESNO	CA	FRESNO YOSEMITE INTL AP	WR	HNX	NWS	A	DCP1			3
TOTALS									7	1		8

NWS WESTERN REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
EKO	Y	ELKO	NV	ELKO REGIONAL AIRPORT	WR	LKN	FAA	C	DCP1			1
ELY	Y	ELY	NV	ELY AIRPORT	WR	LKN	NWS	D	DCP1			
P68		EUREKA	NV	EUREKA	WR	LKN	NWS	O				
WMC	Y	WINNEMUCCA	NV	WINNEMUCCA AIRPORT	WR	LKN	NWS	D	DCP1			2
TOTALS									3			3
AVX		AVALON	CA	CATALINA AIRPORT	WR	LOX	FAA	D	DCP1			
BUR		BURBANK	CA	BURBANK-GLENDALE -PASADENA AIRPORT	WR	LOX	FAA	C	DCP1			
CMA		CAMARILLO	CA	CAMARILLO AIRPORT	WR	LOX	FAA	C	DCP1			
HHR		HAWTHORNE	CA	JACK NORTHROP FIELD/ HAWTHORNE MUNI AP	WR	LOX	FAA	C	DCP1			
OXR		OXNARD	CA	OXNARD AIRPORT	WR	LOX	FAA	C	DCP1			
PMD		PALMDALE	CA	PALMDALE PRODUCTION FLIGHT PLANT	WR	LOX	FAA	O	DCP1			
PRB		PASO ROBLES	CA	PASO ROBLES MUNICIPAL AP	WR	LOX	FAA	D	DCP1			
SBA		SANTA BARBARA	CA	SANTA BARBARA MUNI APT	WR	LOX	FAA	C	DCP1			
SBP		SAN LUIS OBISPO	CA	SAN LUIS OBISPO COUNTY-MC CHESNEY FIELD	WR	LOX	FAA	C	DCP1			
SMO		SANTA MONICA	CA	SANTA MONICA MUNICIPAL AIRPORT	WR	LOX	FAA	C	DCP1			
VNY		VAN NUYS	CA	VAN NUYS AIRPORT	WR	LOX	FAA	A	DCP1			
WJF		LANCASTER	CA	LANCASTER ATC	WR	LOX	FAA	C	DCP1			12
CQT	Y	LOS ANGELES	CA	LOS ANGELES DOWNTOWN/ USC	WR	LOX	NWS	O	LOCAL			
LAX	Y	LOS ANGELES	CA	LOS ANGELES INTL APT	WR	LOX	NWS	A	DCP1	DCP2		
LGB	Y	LONG BEACH	CA	LONG BEACH APT	WR	LOX	NWS	C	DCP1			
SDB		SANDBERG	CA	SANDBERG	WR	LOX	NWS	O	DCP1			
SMX	Y	SANTA MARIA	CA	SANTA MARIA PUBLIC APT	WR	LOX	NWS	C	DCP1			6
TOTALS									17	1		18

NWS WESTERN REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
LMT		KLAMATH FALLS	OR	KINGSLEY FIELD	WR	MFR	FAA	C	DCP1			
RBG		ROSEBURG	OR	ROSEBURG MUNICIPAL AIRPORT	WR	MFR	FAA	D	DCP1			
SIY		MONTAGUE	CA	MONTAGUE 5 NE	WR	MFR	FAA	D	DCP1			3
AAT		ALTURAS	CA	ALTURAS MUNI AIRPORT	WR	MFR	NWS	D	DCP1			
MFR	Y	MEDFORD	OR	MEDFORD, OR	WR	MFR	NWS	C	DCP1			
MHS		MT SHASTA	CA	MT SHASTA	WR	MFR	NWS	O	DCP1			
SXT		SEXTON SUMMIT	OR	SEXTON SUMMIT	WR	MFR	NWS	O	DCP1			4
TOTALS									7			7

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
BTM		BUTTE	MT	BUTTE BERT MOONEY AP	WR	MSO	FAA	D	DCP1			
MLP		MULLAN PASS	ID	MULLAN PASS VOR	WR	MSO	FAA	D	DCP1			2
GPI	Y	KALISPELL	MT	GLACIER PARK INTL AIRPORT	WR	MSO	NWS	C	DCP1			
MSO	Y	MISSOULA	MT	MISSOULA, MT	WR	MSO	NWS	C	DCP1			
P69		LOWELL	ID	LOWELL	WR	MSO	NWS	D				2
TOTALS									4			

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
HWD		HAYWARD	CA	HAYWARD AIR TERMINAL	WR	MTR	FAA	C	DCP1			
MRY		MONTEREY	CA	MONTEREY PENINSULA AIRPORT	WR	MTR	FAA	C	DCP1			
OAK		OAKLAND	CA	METROPOLITAN INTL APT	WR	MTR	FAA	A	DCP1		DCP1	
SJC		SAN JOSE	CA	SAN JOSE INTERNATIONAL AIRPORT	WR	MTR	FAA	B	DCP1			
SNS		SALINAS	CA	SALINAS AP	WR	MTR	FAA	C	DCP1			
WVI		WATSONVILLE	CA	WATSONVILLE MUNICIPAL AIRPORT	WR	MTR	FAA	D	DCP1			7
KNUQ		MOUNTAIN VIEW	CA	MOFFETT FIELD NAVAL AIR STATION	WR	MTR	MISC	M	DCP1			1
SFO	Y	SAN FRANCISCO	CA	SAN FRANCISCO WSO AP	WR	MTR	NWS	A	DCP1	DCP3	DCP2	3
TOTALS									8	1	2	11

NWS WESTERN REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
DEW		DEER PARK	WA	DEER PARK	WR	OTX	FAA	D	DCP1			
EAT		WENATCHEE	WA	WENATCHEE AP	WR	OTX	FAA	D	DCP1			
EPH		EPHRATA	WA	EPHRATA AIRPORT ASOS	WR	OTX	FAA	D	DCP1			
MWH		MOSES LAKE	WA	GRANT COUNTY AIRPORT	WR	OTX	FAA	C	DCP1			
OMK		OMAK	WA	OMAK AIRPORT	WR	OTX	FAA	D	DCP1			
PUW		PULLMAN/ MOSCOW	WA	PULLMAN/MOSCOW REGIONAL AIRPORT	WR	OTX	FAA	D	DCP1			
SFF		SPOKANE	WA	FELTS FIELD AIRPORT	WR	OTX	FAA	C	DCP1			7
GEG	Y	SPOKANE	WA	SPOKANE INTL AP	WR	OTX	NWS	A	DCP1			
LWS	Y	LEWISTON	ID	LEWISTON AP	WR	OTX	NWS	C	DCP1			2
TOTALS									9			9

ALW		WALLA WALLA	WA	WALLA WALLA REGIONAL AIRPORT	WR	PDT	FAA	C	DCP1			
ELN		ELLENSBURG	WA	BOWERS FIELD AIRPORT	WR	PDT	FAA	D	DCP1			
HRI		HERMISTON	OR	HERMISTON MUNICIPAL AIRPORT	WR	PDT	FAA	D	DCP1			
PSC		PASCO	WA	TRI-CITIES AIRPORT	WR	PDT	FAA	C	DCP1			4
MEH		MEACHAM	OR	MEACHAM	WR	PDT	NWS	O	LOCAL			
PDT	Y	PENDLETON	OR	PENDLETON, OR	WR	PDT	NWS	C	DCP1			
YKM	Y	YAKIMA	WA	YAKIMA AIRPORT	WR	PDT	NWS	C	DCP1			3
TOTALS									7			7

BYI		BURLEY	ID	BURLEY MUNICIPAL AP	WR	PIH	FAA	D	DCP1			
IDA		IDAHO FALLS	ID	IDAHO FALLS FANNING FIELD	WR	PIH	FAA	C	DCP1			
RXE		REXBURG	ID	REXBURG-MADISON COUNTY AIRPORT	WR	PIH	FAA	D	DCP1			3
LLJ		CHALLIS	ID	CHALLIS AIRPORT	WR	PIH	NWS	D	DCP1			
PIH	Y	POCATELLO	ID	POCATELLO/IDAHO FALLS, ID	WR	PIH	NWS	C	DCP1			
SNT		STANLEY	ID	STANLEY AP	WR	PIH	NWS	O				2
TOTALS									5			5

NWS WESTERN REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
DLS		THE DALLES	OR	THE DALLES MUNICIPAL AIRPORT	WR	PQR	FAA	D	DCP1			
HIO		PORTLAND	OR	HILLSBORO AIRPORT ASOS & LAWRS	WR	PQR	FAA	C	DCP1			
MMV		MCMINNVILLE	OR	MC MINNVILLE MUNICIPAL AIRPORT	WR	PQR	FAA	D	DCP1			
RDM		REDMOND	OR	REDMOND AIRPORT	WR	PQR	FAA	C	DCP1			
SPB		SCAPPOOSE	OR	SCAPPOOSE INDUSTRIAL AIRPARK AIRPORT	WR	PQR	FAA	D	DCP1			
TTD		PORTLAND	OR	PORTLAND-TROUTDALE AIRPORT	WR	PQR	FAA	C	DCP1			
UAO		AURORA	OR	AURORA STATE AIRPORT	WR	PQR	FAA	D	DCP1			
VUO		VANCOUVER	WA	PEARSON FIELD AIRPORT	WR	PQR	FAA	D	DCP1			8
AST	Y	ASTORIA	OR	ASTORIA ARPT	WR	PQR	NWS	D	DCP1	DCP2		
EUG	Y	EUGENE	OR	EUGENE-MAHLON SWEET ARPT	WR	PQR	NWS	B	DCP1	DCP2		
PDX	Y	PORTLAND	OR	INTERNATIONAL AIRPORT	WR	PQR	NWS	A	DCP1		DCP2	
SLE	Y	SALEM	OR	SALEM ARPT (MCNARY FIELD)	WR	PQR	NWS	C	DCP1			7
TOTALS									12	2	1	15

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
BLH		BLYTHE	CA	BLYTHE AIRPORT	WR	PSR	FAA	D	DCP1			
DVT		PHOENIX	AZ	PHOENIX DEER VALLEY AIRPORT	WR	PSR	FAA	C	DCP1			
IPL		IMPERIAL	CA	IMPERIAL COUNTY AIRPORT	WR	PSR	FAA	D	DCP1			
SDL		SCOTTSDALE	AZ	SCOTTSDALE MUNICIPAL AIRPORT	WR	PSR	FAA	C	DCP1			4
PHX	Y	PHOENIX	AZ	PHOENIX SKY HARBOR INTL ARPT	WR	PSR	NWS	A	DCP1		DCP1	2
TOTALS									5		1	6

NWS WESTERN REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
LOL		LOVELOCK	NV	LOVELOCK DERBY FIELD AIRPORT	WR	REV	FAA	D	DCP1			
TVL		SOUTH LAKE TAHOE	CA	SOUTH LAKE TAHOE AP	WR	REV	FAA	D	DCP1			2
BIH	Y	BISHOP	CA	EASTERN SIERRA REGIONAL AIRPORT	WR	REV	NWS	D	DCP1			
BLU		EMIGRANT GAP	CA	BLUE CANYON	WR	REV	NWS	D	DCP1			
RNO	Y	RENO	NV	RENO AIRPORT	WR	REV	NWS	A	DCP1			3
TOTALS									5			5
BFI		SEATTLE	WA	BOEING FIELD/KING COUNTY INTL AIRPORT	WR	SEW	FAA	C	DCP1			
BLI		BELLINGHAM	WA	INTERNATIONAL AIRPORT	WR	SEW	FAA	C	DCP1			
CLM		PORT ANGELES	WA	WILLIAM R FAIRCHILD INTERATIONAL AIRPORT	WR	SEW	FAA	D	DCP1			
FHR		FRIDAY HARBOR	WA	FRIDAY HARBOR AIRPORT	WR	SEW	FAA	D	DCP1			
HQM		HOQUIAM	WA	HOQUIAM BOWERMAN AP	WR	SEW	FAA	D	DCP1			
PAE		EVERETT	WA	SNOHOMISH COUNTY (PAINE FIELD) AIRPORT	WR	SEW	FAA	C	DCP1			
RNT		RENTON	WA	RENTON MUNICIPAL AIRPORT	WR	SEW	FAA	C	DCP1			
TIW		TACOMA	WA	TACOMA NARROWS AIRPORT	WR	SEW	FAA	C	DCP1			8
OLM	Y	OLYMPIA	WA	OLYMPIA AIRPORT	WR	SEW	NWS	C	DCP1			
SEA	Y	SEATTLE	WA	SEATTLE TACOMA ARPT	WR	SEW	NWS	A	DCP2	DCP1		
SHN		SHELTON	WA	SHELTON AIRPORT	WR	SEW	NWS	D	DCP1			
SMP		STAMPEDE PASS	WA	STAMPEDE PASS	WR	SEW	NWS	O	DCP1			
UIL	Y	QUILLAYUTE	WA	QUILLAYUTE AIRPORT	WR	SEW	NWS	D	DCP1			6
TOTALS									13	1		14

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
CNO		CHINO	CA	CHINO AIRPORT	WR	SGX	FAA	C	DCP1			
CRQ		CARLSBAD	CA	MCCLELLAN-PALOMAR AIRPORT	WR	SGX	FAA	C	DCP1			
FUL		FULLERTON	CA	FULLERTON MUNICIPAL AIRPORT	WR	SGX	FAA	C	DCP1			
MYF		SAN DIEGO	CA	MONTGOMERY FIELD AIRPORT	WR	SGX	FAA	C	DCP1			
OKB		OCEANSIDE	CA	OCEANSIDE MUNICIPAL AIRPORT	WR	SGX	FAA	D	DCP1			
ONT		ONTARIO	CA	ONTARIO INTERNATIONAL AIRPORT	WR	SGX	FAA	A	DCP1			
PSP		PALM SPRINGS	CA	PALM SPRINGS INTL ARPT	WR	SGX	FAA	C	DCP1			
RAL		RIVERSIDE	CA	RIVERSIDE MUNICIPAL AIRPORT	WR	SGX	FAA	C	DCP1			
SNA		SANTA ANA	CA	JOHN WAYNE AIRPORT- ORANGE COUNTY AIRPORT	WR	SGX	FAA	B	DCP1		DCP2	
TRM		THERMAL	CA	DESERT RESORTS REGIONAL AIRPORT/ THERMAL VORTAC	WR	SGX	FAA	D	DCP1			11
CZZ		CAMPO	CA	CAMPO	WR	SGX	NWS	O				
RNM		RAMONA	CA	RAMONA AP	WR	SGX	NWS	C	DCP1			
SAN	Y	SAN DIEGO	CA	SAN DIEGO WSO AP	WR	SGX	NWS	B	DCP1		DCP1	
SDM		SAN DIEGO	CA	BROWN FIELD MUNICIPAL AIRPORT	WR	SGX	NWS	C	DCP1			4
TOTALS									13		2	15

BCE		BRYCE CANYON	UT	BRYCE CANYON AIRPORT	WR	SLC	FAA	D	DCP1			
CDC		CEDAR CITY	UT	CENTER FIELD AT CEDAR CITY ARPT	WR	SLC	FAA	D	DCP1			
LGU		LOGAN	UT	LOGAN-CACHE AIRPORT	WR	SLC	FAA	D	DCP1			
OGD		OGDEN	UT	OGDEN-HINCKLEY AIRPORT	WR	SLC	FAA	C	DCP1			
PUC		PRICE	UT	CARBON COUNTY AIRPORT	WR	SLC	FAA	D	DCP1			5
MLF		MILFORD	UT	MILFORD MUNICIPAL AIRPORT	WR	SLC	NWS	D	DCP1			
SLC	Y	SALT LAKE CITY	UT	SALT LAKE CITY, UT	WR	SLC	NWS	A	DCP1	DCP2		3
TOTALS									7	1		8

NWS WESTERN REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
APC		NAPA	CA	NAPA COUNTY AIRPORT	WR	STO	FAA	C	DCP1			
CCR		CONCORD	CA	CONCORD BUCHANAN FIELD	WR	STO	FAA	C	DCP1			
MYV		MARYSVILLE	CA	MARYSVILLE AIRPORT (ASOS)	WR	STO	FAA	D	DCP1			
OVE		OROVILLE	CA	OROVILLE MUNICIPAL AIRPORT	WR	STO	FAA	D	DCP1			
SAC	Y	SACRAMENTO	CA	SACRAMENTO AP	WR	STO	FAA	C	DCP1			
SMF		SACRAMENTO	CA	SACRAMENTO METROPOLITAN AIRPORT	WR	STO	FAA	B	DCP1			
VCB		VACAVILLE	CA	NUT TREE AIRPORT	WR	STO	FAA	D	DCP1			7
RBL		RED BLUFF	CA	RED BLUFF AP	WR	STO	NWS	D	DCP1			
RDD	Y	REDDING	CA	REDDING AIRPORT	WR	STO	NWS	C				
SCK	Y	STOCKTON	CA	STOCKTON AP	WR	STO	NWS	C	DCP1		DCP1	3
TOTALS									9		1	10

BZN		BELGRADE	MT	BOZEMAN GALLATIN FIELD AIRPORT	WR	TFX	FAA	C	DCP1			
CTB		CUT BANK	MT	CUT BANK AIRPORT	WR	TFX	FAA	D	DCP1			
DLN		DILLON	MT	DILLON AIRPORT	WR	TFX	FAA	D	DCP1			
LWT		LEWISTOWN	MT	LEWISTOWN FCWOS	WR	TFX	FAA	D	DCP1			4
GTF	Y	GREAT FALLS	MT	GREAT FALLS AIRPORT	WR	TFX	NWS	C	DCP1			
HLN	Y	HELENA	MT	HELENA AP ASOS	WR	TFX	NWS	C	DCP1			
HVR	Y	HAVRE	MT	HAVRE AP ASOS	WR	TFX	NWS	D	DCP1			3
TOTALS									7			7

DUG		DOUGLAS	AZ	DOUGLAS (BISBEE) INTL AP	WR	TWC	FAA	D	DCP1			
OLS		NOGALES	AZ	NOGALES INTERNATIONAL AIRPORT	WR	TWC	FAA	D	DCP1			2
SAD		SAFFORD	AZ	SAFFORD MUNI AP	WR	TWC	NWS	D	DCP1			
TUS	Y	TUCSON	AZ	TUCSON INTL AP	WR	TWC	NWS	C	DCP1			2
TOTALS									4			4

NWS WESTERN REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
DAG		DAGGETT	CA	BARSTOW-DAGGETT AIRPORT	WR	VEF	FAA	D	DCP1			
EED		NEEDLES	CA	NEEDLES AIRPORT	WR	VEF	FAA	D	DCP1			
TPH		TONOPAH	NV	ARPT FAA/FSS BLDG	WR	VEF	FAA	D	DCP1			
VGT		LAS VEGAS	NV	NORTH LAS VEGAS AIR TERMINAL AIRPORT	WR	VEF	FAA	C	DCP1			4
DRA		MERCURY	NV	DESERT ROCK AIRPORT	WR	VEF	NWS	O	DCP1			
IGM		KINGMAN	AZ	KINGMAN AIRPORT	WR	VEF	NWS	D	DCP1			
LAS	Y	LAS VEGAS	NV	MCCARRAN ITNL ARPT	WR	VEF	NWS	A	DCP1		DCP1	4
TOTALS									7		1	8

NWS ALASKA REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
CDV		CORDOVA	AK	MERLE K SMITH AIRPORT	AR	AFC	FAA	D	DCP1			
DEE		DEERING	AK	DEERING/NEW AIRPORT	AR	AFC	FAA	D	DCP1			
ENA		KENAI	AK	KENAI MUNICIPAL AIRPORT	AR	AFC	FAA	C	DCP1			
GKN	Y	GULKANA	AK	GULKANA AIRPORT	AR	AFC	FAA	D	DCP1			
ILI		ILIAMNA	AK	ILIAMNA AIRPORT	AR	AFC	FAA	C	DCP1			
KVL		KIVALINA	AK	KIVALINA AIRPORT	AR	AFC	FAA	D	DCP1			
LHD		ANCHORAGE	AK	LAKE HOOD STRIP AIRPORT	AR	AFC	FAA	C	DCP1			
MRI		ANCHORAGE	AK	MERRILL FIELD AIRPORT	AR	AFC	FAA	C	DCP1			
PAQ		PALMER	AK	PALMER MUNICIPAL AIRPORT	AR	AFC	FAA	C	DCP1			
PBV		ST. GEORGE ISLAND	AK	ST GEORGE AIRPORT	AR	AFC	FAA	D	DCP1			
POR		PORTAGE	AK	PORTAGE VISITOR CENTER	AR	AFC	FAA	D	DCP1			
SOV		SELDOVIA	AK	SELDOVIA AIRPORT	AR	AFC	FAA	D	DCP1			
SWD		SEWARD	AK	SEWARD AIRPORT	AR	AFC	FAA	D	DCP1			13
ADQ	Y	KODIAK	AK	KODIAK WSO	AR	AFC	NWS	B	DCP1			
AKN	Y	KING SALMON	AK	KING SALMON WFO	AR	AFC	NWS	B	DCP1			
ANC	Y	ANCHORAGE	AK	INTERNATIONAL AIRPORT	AR	AFC	NWS	A	DCP1			
BET	Y	BETHEL	AK	BETHEL STATE AIRPORT	AR	AFC	NWS	A	DCP1			
CDB	Y	COLD BAY	AK	COLD BAY WSO	AR	AFC	NWS	D	DCP1			
HOM	Y	HOMER	AK	MUNICIPAL AIRPORT	AR	AFC	NWS	C	DCP1			
MCG	Y	MCGRATH	AK	AIRPORT	AR	AFC	NWS	D	DCP1			
OME	Y	NOME	AK	AIRPORT	AR	AFC	NWS	B	DCP1	DCP2		
OTZ	Y	KOTZEBUE	AK	RALPH WIEN AIRPORT	AR	AFC	NWS	B	DCP1			
SNP	Y	ST PAUL ISLAND	AK	ST PAUL ISLAND AIRPORT	AR	AFC	NWS	D	DCP1			
TKA	Y	TALKEETNA	AK	TALKEETNA AIRPORT	AR	AFC	NWS	C	DCP1			12
TOTALS									24	1		25

Appendix E - 55

NWS ALASKA REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
AQT		NUIQSUT	AK	NUIQSUT AIRPORT	AR	AFG	FAA	D	DCP1			
AWI		WAINWRIGHT	AK	WAINWRIGHT AIRPORT	AR	AFG	FAA	D	DCP1			
BIG	Y	DELTA JUNCTION	AK	ALLEN AAF	AR	AFG	FAA	D	DCP1			
BTT	Y	BETTLES	AK	BETTLES AIRPORT	AR	AFG	FAA	D	DCP1			
EAA		EAGLE	AK	EAGLE AIRPORT	AR	AFG	FAA	D	DCP1			
KAL		KALTAG	AK	KALTAG AIRPORT	AR	AFG	FAA	D	DCP1			
ORT		NORTHWAY	AK	NORTHWAY AIRPORT	AR	AFG	FAA	C	DCP1			
SCC		DEADHORSE	AK	DEADHORSE AIRPORT	AR	AFG	FAA	B	DCP1			
TAL		TANANA	AK	RALPH M CALHOUN MEMORIAL AIRPORT	AR	AFG	FAA	D	DCP1			9
BRW	Y	BARROW	AK	W POST-W ROGERS MEMORIAL AP	AR	AFG	NWS	D	DCP1	DCP2		
ENN		NENANA	AK	NENANA MUNICIPAL AIRPORT	AR	AFG	NWS	D	DCP1			
FAI	Y	FAIRBANKS	AK	FAIRBANKS INTERNATIONAL AK	AR	AFG	NWS	A	DCP1			4
TOTALS									12	1		13

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTAL
AKW		KLAWOCK	AK	KLAWOCK AIRPORT	AR	AJK	FAA	D	DCP1			
HNS		HAINES	AK	HAINES AIRPORT	AR	AJK	FAA	D	DCP1			
JNU	Y	JUNEAU	AK	JUNEAU INTERNATIONAL AIRPORT	AR	AJK	FAA	A	DCP1			
KTN		KETCHIKAN	AK	KETCHIKAN INTERNATIONAL AIRPORT	AR	AJK	FAA	C	DCP1			
SGY		SKAGWAY	AK	SKAGWAY AIRPORT	AR	AJK	FAA	D	DCP1			
SIT		SITKA	AK	SITKA ROCKY GUTIERREZ	AR	AJK	FAA	C	DCP1			6
ANN	Y	ANNETTE	AK	ANNETTE ISLAND AIRPORT	AR	AJK	NWS	D	DCP1			
YAK	Y	YAKUTAT	AK	STATE AIRPORT	AR	AJK	NWS	D	DCP1			2
TOTALS									8			8

NWS PACIFIC REGION

SID	LCD?	CITY	ST	STATION NAME	REG	WFO	OWNER	SERV LVL	C1	C2	C3	TOTALS
KOA		KAILUA-KONA	HI	KONA INTERNATIONAL AT KEAHOLE	PR	ITO	FAA	C	DCP1			1
ITO	Y	HILO	HI	HILO,HI	PR	ITO	NWS	C	DCP1			1
TOTALS									2			2
LIH	Y	LIHUE	HI	AIRPORT	PR	LIH	NWS	C	DCP1			1
TOTALS									1			1
JRF		KAPOLEI	HI	KALAELOA AIRPORT	PR	PBP	MISC	M	DCP1			1
HNL	Y	HONOLULU	HI	HONOLULU,HI	PR	PBP	NWS	B	DCP1	DCP2		
MKK		KAUNAKAKAI	HI	MOLOKAI AIRPORT	PR	PBP	NWS	C	DCP1			
OGG	Y	KAHULUI	HI	AIRPORT	PR	PBP	NWS	C	DCP1		DCP1	5
TOTALS									4	1	1	6
PGSN		OBYAN	CQ	SAIPAN INTL	PR	PGUM	NWS	C	DCP1			
PGUM	Y	AGANA	P3	GUAM, GU	PR	PGUM	NWS	C	DCP1			2
TOTALS									2			2

APPENDIX F

Sample of A-26

ENGINEERING MANAGEMENT REPORTING SYSTEM
MAINTENANCE RECORD

Document Number: **G 49978**

General Information

1. Open Date	Time	2. Initials	3. Response Priority (check one)	4. Close Date	Time
12/ 20 / 01	0730	DKR	○ Immediate ○ Low ○ Routine ⊗ Not Applicable	12 / 20 /01	1430

5. Description

INSTALL NEW DEWPOINT SENSOR IAW MOD NOTE 75

Equipment Information

6. Station ID	7. Equipment Code	8. Serial Number	9. TM	10. AT	11. How Mal.
DMH	ATDP	T0807	M	M	999

12. EQUIPMENT OPERATIONAL STATUS TIMES

a. Fully Operational	b. Logistics Delay	Partly Operational		c. All Other	Not Operational	d. Logistics Delay	e. All Other
							1:00

13. Parts Failure Information

Block #	a. ASN	b. NSN	c. TM	d. AT	e. How Mal.	f. Qty.	g. Maint. Hrs.
1							
2							
3							
4							
5							

14. Work Load Information

Type	Staff Hrs.
a. Routine	
b. Non-routine	
c. Travel	3:00
d. Misc.	4:00
e. Overtime	

Miscellaneous Information

15. Maintenance Comments

INSTALLED NEW DEWPOINT SENSOR

16. Initials: **DKR**

17. SPECIAL PURPOSE REPORTING

a. Mod. Nc.	b. Mod./Act./Deact.Dat	c.	d.	e.
75	12/20/01			

18. CONFIGURATION MGMT. REPORTING (use as directed)

ASN	Vendor Part Number (New Part)	Serial Number (Old Part)	Serial Number (New Part)