Owens Valley Air Quality Modeling Study
Final Report

Owens Valley PM_{10} Planning Area
State Implementation Plan 2008 Revision

Submitted to:
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July 24, 2007

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1 EXECUTIVE SUMMARY

The CALPUFF dispersion modeling system was applied to simulate dust events at Owens Lake to support the 2008 Owens Valley PM_{10} State Implementation Plan (SIP). A 1998 SIP for the Owens Valley established interim requirements for implementing dust controls on 16.6 square miles of the lakebed by the end of 2003. A 2003 SIP revision assessed the interim control measures and found additional source areas needed to be controlled, bringing the total to 29.8 square miles by 2006. Following the 2003 SIP, ambient monitoring data and model predictions suggested even more areas needed to be controlled to attain and maintain the PM_{10} National Ambient Air Quality Standards (NAAQS). These supplemental dust control areas, covered in a Settlement Agreement between the District and the City of Los Angeles, bring the total to 43 square miles of lakebed under dust control measures by 2010. The CALPUFF modeling analysis in this report simulates PM_{10} emissions from these supplemental source areas using the data collected from July 2002 to June 2006 to assess attainment of the NAAQS.

The modeling approach in the 2008 SIP follows the methods used 2003 SIP with data collected from July 2002 to June 2006. Windblown PM_{10} emissions were estimated over a 50 square mile source area using a simple relationship based on sand fluxes measured at a single height above the surface and an empirical constant referred to as a "K-factor". This empirical relationship between the horizontal sand flux and the vertical PM_{10} emission flux has been found to change spatially and temporally at Owens Lake based on data collected in the 2003 SIP and in the subsequent four years used for the 2008 SIP. The District has conducted a field program at Owens Lake since January 2000 to identify PM_{10} emission source areas, provide the basis for the estimation of PM_{10} emission fluxes, and to support development of the control strategies.

The source areas, control strategies and efficiencies assessed in the 2008 SIP are specified in the Settlement Agreement between the City and the District. The Settlement Agreement calls for controls on an additional 13.2 square miles using Shallow Flooding or an equivalent dust control measure. Unlike the 2003 SIP, the control efficiencies of Shallow Flooding are variable and allowed to be less than 99 percent.

CALPUFF simulations of a four-year period were performed to assess the control strategy in the Settlement Agreement. PM_{10} emissions were estimated using seasonal K-factors developed for four general source regions on the lakebed and sand motion data from up to 170 monitoring sites. The CALPUFF simulations suggest the control strategy in the Settlement Agreement would lower 24-hour PM_{10} concentrations and bring the Airshed into attainment with the National Ambient Air Quality Standard.

2 INTRODUCTION

This report describes dispersion modeling studies conducted to support the Owens Valley PM_{10} State Implementation Plan for 2008 (2008 SIP). Dispersion model simulations with the CALPUFF modeling system[1] were used to diagnostically aid in the identification of source areas, to develop PM_{10} emission flux algorithms, and to simulate the effects of different control strategies. The simulations formed the basis of the attainment demonstration required by the US Environmental Protection Agency (USEPA) for the 2008 SIP. After providing some background information, the remainder of this report gives an overview of the field program and describes dispersion modeling methodologies used to develop and assess a control strategy for attainment.

2.1 Background

The Great Basin Unified Air Pollution Control District (hereafter the District) has been studying the mechanisms and effects of windblown dust from Owens Lake for over two decades. Following diversion of the Owens River, the original 100 square mile saline lake was reduced to a much smaller brine pool surrounded by exposed, dry alkali soils. Windblown dust from the exposed Owens Lake playa has resulted in some of the highest PM_{10} concentrations observed in the United States. Peak hourly and 24-hour PM_{10} concentrations have been observed to exceed 50,000 $\mu g/m^3$ and 12,000 $\mu g/m^3$ at the historical shoreline, respectively.

In 1993, the USEPA designated the southern Owens Valley as a "Serious" PM_{10} nonattainment area. The USEPA approved a 1998 SIP for the Owens Valley that established interim requirements for implementing dust controls on 16.6 square miles of the lakebed by the end of 2003. The 1998 SIP provided for a five-year extension of the deadline for attainment, and for a SIP Revision in 2003 that would present a control strategy to attain the NAAQS by the end of 2006.

On November 13, 2003, the District approved the 2003 Revised State Implementation Plan for the Owens Valley Planning Area (2003 SIP). The 2003 SIP control strategy requires using shallow flooding, managed vegetation, and/or gravel coverings to accomplish PM_{10} emission reductions on 29.8 square miles of the Owens Lake bed. By December 31, 2006, the City of Los Angeles Department of Water & Power (City) met this deadline, having implemented dust control measures on all 29.8 square miles of the lakebed. However, a recent USEPA policy on attainment demonstrations now requires that three years of ambient air monitoring prior to December 31, 2006 show that there have been no violations of the NAAQS. Because some of the dust control measures were not completed until the end of 2006, numerous 24-hour PM_{10} NAAQS violations occurred during the three-year attainment demonstration period. Consequently, the USEPA did not take action on the approval or disapproval of the 2003 SIP, but it is currently enforced by the District.

In 2006, a dispute arose between the District and the City regarding requirements to control dust from additional areas at Owens Lake beyond the 29.8 square miles identified in the 2003 SIP. On December 4, 2006 a Settlement Agreement was approved by both parties to resolve this dispute. Under the major provisions of this agreement, the City agreed to implement dust control measures on a total of 43 square miles of the lakebed by April 1, 2010 and the District agreed to revise the 2003 SIP before March 1, 2008 to incorporate the provisions of the Settlement Agreement.

The current studies support the 2008 SIP attainment demonstration using data collected after the period used in the 2003 SIP. Dispersion modeling is used to assess the control measures included in the Settlement Agreement to mitigate observed 24-hour PM_{10} concentrations above the NAAQS.

2.2 Previous Modeling Studies

The District has conducted a number of modeling studies at Owens Lake. These studies are the foundation of the approach used in the 2008 SIP attainment demonstration modeling. The results of these studies are contained in the following reports:

- *Preliminary Results Owens Dry Lake Air Quality Modeling Study* (October 1995).[2] Simulations in this study were based on the emission algorithms developed for the Mono Lake playa.[3] Predictions in three modeling regions were provided to the District in the form of source area impact matrices. The matrices allowed the District to test different emission algorithms and examine the influence of different source areas to the monitoring stations.

- *Owens Lake Model Evaluation* (August 1996).[4] Model predictions were compared to ambient observations from six historical episodes in this study. The emission factors for windblown PM_{10} sources were based on wind tunnel tests conducted on the playa at about the time of the episodes. The size and location of the emitting areas used in the comparisons were also specific to the episodes used in the evaluation.

- *Results of Control Alternative Evaluation* (September 1996).[5] Using the concepts of the prior studies, the District assessed the effectiveness of different proposed control strategies in this report. A more conservative emission algorithm was used in order to capture the higher potential PM_{10} events and the source areas were larger than used in the previous evaluation study.

1998 SIP attainment demonstration modeling. The dispersion modeling contained in the *Owens Valley PM_{10} Planning Area Demonstration of Attainment SIP* [6] followed the general procedures of the studies above. Features of the modeling approach supporting the 1998 SIP attainment demonstration included:

- the Industrial Source Complex Short-Term model;[7]

- wind speed dependent emission factors for each season and control alternatives based on the interpretation of wind tunnel data collected by the District;

- a 35 square mile source area where emissions varied hourly according to wind speed, but were assumed to be spatially uniform. The outline of the source area was based on on-lake visual inspections of the playa over several seasons of dust events;

- three modeling sub-regions with receptors placed on the historical shoreline and at the air monitoring sites; and

- two years of meteorological data (1994 through 1995) within the three modeling regions.

The modeling approach in the 1998 SIP attainment demonstration was designed to be conservative using a large source area and average PM_{10} emission rates. A model performance evaluation was conducted and showed this approach captured many aspects of the larger historical events, but was biased toward over-prediction for the smaller events. Although visual observations and wind tunnel tests suggested many events were characterized by smaller emitting areas with more intense emissions, a database sufficient to describe this activity was not available for the 1998 SIP attainment demonstration.

2003 SIP Owens Lake Dust Identification Program. The District conducted the Owens Lake Dust Identification (Dust ID) Program from January 2000 through June 2002.[8] The Dust ID Program was conducted to refine the locations of active source areas on the lakebed and support a more realistic depiction for dispersion modeling. The Dust ID Program collected sand movement data, PM_{10} concentrations, surface and upper air meteorological observations, visual observations and mapped source areas during dust events over this 30-month period. Dispersion modeling played an important role in the Dust ID Program. The CALPUFF modeling system was applied as a diagnostic tool to study the relationship between observed PM_{10} concentrations and sand flux measurements on the lakebed. The following reports are available describing modeling aspects of the Dust ID Program:

- *Owens Valley PM_{10} Attainment Demonstration Modeling Protocol.*[9] This protocol described the procedures used in the dispersion modeling studies supporting the 2003 SIP. Many of the modeling techniques in the current study follow those outlined in the 2003 modeling protocol including the application of the CALPUFF modeling system, the preparation of the meteorological data, and the use of sand flux measurements as a surrogate for PM_{10} emissions.

- *Locating and Quantifying Windblown Dust PM_{10} Emissions at Owens Lake, California.*[10] This paper by the District describes the field studies of the 2003 Dust ID Program and focuses on the methods used to estimate PM_{10} emission fluxes using sand flux measurements. These techniques form the basis for the emission calculations simulated in this 2003 SIP and are summarized in Section 4 of the 2003 SIP. In a similar paper published by the *Journal of Geophysical Research*, Gillette and others provide details of the emission algorithm and further discuss the experimental and theoretical support for the method.[11]

2003 SIP attainment demonstration modeling The 2003 SIP attainment demonstration was based on the data collected during the January 2000 to June 2002 Dust ID Program. Features of the 2003 attainment demonstration include:

- Meteorological, PM_{10} ambient monitoring and sand flux data used in the simulations were collected during the 2003 Dust ID Program (January 2000 through June 2002)

- The dispersion modeling was performed with the CALPUFF modeling system to allow simulations of hourly variable three-dimensional meteorology.

- Windblown PM_{10} emissions were estimated hourly over a 50 square mile area using a simple relationship based on sand fluxes measured at a single height above the surface and an empirical constant referred to as a "K-factor". This empirical relationship between the horizontal sand flux and the vertical PM_{10} emission flux was varied spatially and

temporally at Owens Lake based on data collected by the 30-month 2003 Dust ID Program.

- Source areas in the simulations were assumed to be described by one square kilometer rectangles centered on the sand flux monitoring locations.

- A model performance evaluation was conducted to examine model uncertainty and to compare the performance of different empirical K-factor relationships. Statistical measures and diagnostic graphics were used to examine the modeling procedures' ability to explain the frequency distribution, spatial variability, and temporal variability of observed PM_{10} concentrations. Based on comparisons with monitoring data, dispersion model simulations using the sand flux as a surrogate for PM_{10} emissions were able to characterize many aspects of observed dust events at Owens Lake.

- The 75th Percentile Storm-Average K-factor algorithm was selected for the attainment demonstration based on performance for the larger dust events. Predictions based on this algorithm were conservative, but relatively unbiased for these events and the observed 24-hour frequency distributions for each monitoring location were generally characterized within a factor-of-two throughout the whole range of observed PM_{10} concentrations.

- CALPUFF simulations of January 2000 to June 2002 period were performed to support development of 2003 SIP control strategies necessary to attain the 24-hour and annual PM_{10} NAAQS. Control strategy development was simplified using a source contribution matrix derived from the top ten 24-hour PM_{10} contributions at receptor sites around the historic shoreline of Owens Lake. The CALPUFF simulations suggest the control strategy proposed in the 2003 SIP would lower both 24-hour and annual PM_{10} concentrations and bring the Airshed into attainment with the NAAQS.

The 2003 attainment demonstration is described in the Appendix B of the 2003 SIP.[12]

2.3 Dispersion Modeling Objectives

The dispersion modeling in the 2008 SIP builds on the methods of previous studies using data from the Dust ID Program collected during the four year period from July 2002 to June 2006. The modeling approach is more refined than was employed in the 1998 and 2003 attainment demonstrations due to the availability of more extensive data characterizing source boundaries and sand motion on the lakebed. The objectives of the dispersion modeling are as follows:

- Conduct the dispersion modeling in accordance with the regulatory guidance for PM_{10} SIPs using USEPA recommended modeling tools and procedures.

- Evaluate the control strategies included in the Settlement Agreement and demonstrate attainment of the 24-hour PM_{10} NAAQS.

The 24-hour PM_{10} NAAQS is attained when areas accessible to the public are lower than USEPA specified criterion. For the purposes of this modeling study, areas accessible to the public are defined as locations at or outside the 3,600-foot terrain elevation contour surrounding Owens Lake. Attainment of the 24-hour PM_{10} NAAQS is achieved when predicted

concentrations at these locations are not above 150 μg/m^3 more than once per year on average. The current modeling simulations are based on four years of data collected through the Dust ID Program from July 2002 to June 2006. Within this period, no more than five concentrations can be higher than the 24-hour NAAQS at each receptor location.

2.4 Report Organization

The remainder of the report describes the Dust ID Program, dispersion modeling techniques, the control strategy assessment, and the results of the attainment demonstration. An overview of the measurements collected during the Dust ID Program is presented in Section 3. Section 4 describes dispersion modeling methods and discusses the emission algorithms applied during the study. The results of the attainment demonstration and control strategy evaluation are provided in Section 5. The report concludes with references in Section 6.

3 OVERVIEW OF THE DUST ID MEASUREMENT PROGRAM

The District started a field monitoring program at Owens Lake in January 2000 to identify PM_{10} emission source areas, and to estimate their PM_{10} emissions and impacts on air quality at the shoreline. The data used in the 2008 SIP was collected during July 2002 through June 2006 using the methods described in the *Owens Lake Dust Source Identification Program Field Manual*.[13] The field program was designed based on previous observations and fields studies that suggest PM_{10} emissions are related to the flux of saltating sand-sized particles.[10,11]

Figure 1 is a map of Owens Lake showing the locations of the meteorological and PM_{10} monitoring stations. Figure 2 and Figure 3 show the locations of the sand flux monitoring network for the July 2002 and June 2006, respectively. Features of the Dust ID Program are as follows:

- Co-located Sensits™ and Cox Sand Catchers (CSCs) were used to estimate hourly sand flux rates at each lakebed monitor site shown in Figure 2 and Figure 3. During 2006, there were almost 170 sand flux sites. The instruments were placed with their sensor or inlet positioned 15 cm above the surface. Sensits™ measure the kinetic energy and the particle counts of sand-sized particles as they saltate (bounce) across the surface. CSCs are passive instruments used to collect sand-sized particles blown across the surface during a dust event. For a given period, the total mass of saltating sand was based on the CSC catch. The Sensits™ were then used to time-resolve the horizontal sand flux.[10,11]
- Hourly PM_{10} concentration data were collected at seven sites around Owens Lake using Tapered Element Oscillating Microbalance (TEOM) PM_{10} monitors. TEOMs are a USEPA-designated equivalent method for measurement of PM_{10} concentration.
- Hourly surface meteorological data were collected at 13 District stations within the domain shown in Figure 1. These data were augmented by an additional two District sites south of the domain located at Coso Junction and Coso Gate and up to three sites operated by the City during periods of the four year study. Winds were observed at 10 m at all locations and individual sites collected surface pressure, precipitation, temperature, and relative humidity.
- A 915 MHz Radar Wind Profiler and Radio Acoustic Sounding System (RASS) were used to collect upper level wind and temperature measurements. The Wind Profiler was located at the Mill Site until it was removed during June 2004.
- To help verify the location of dust source areas, time-lapse video cameras were installed at three sites to continuously record dust events during daylight hours and three human observers mapped dust source areas and plumes during the storms on regular workdays. In addition, the erosion boundaries of some source areas were mapped with the aid of a field crew using a Global Positioning System (GPS) after a storm.

A large Geographic Information System (GIS) database was constructed using observations collected during the Dust ID Program. Using the GIS database, the District prepared hourly maps displaying sand movement, winds, visually observed plume and source area boundaries, and PM_{10} concentrations for dust events at Owens Lake during the study period. The *Owens Lake Dust Source Identification Program Field Manual* provides further details concerning the GIS database and the source mapping methods.[13]

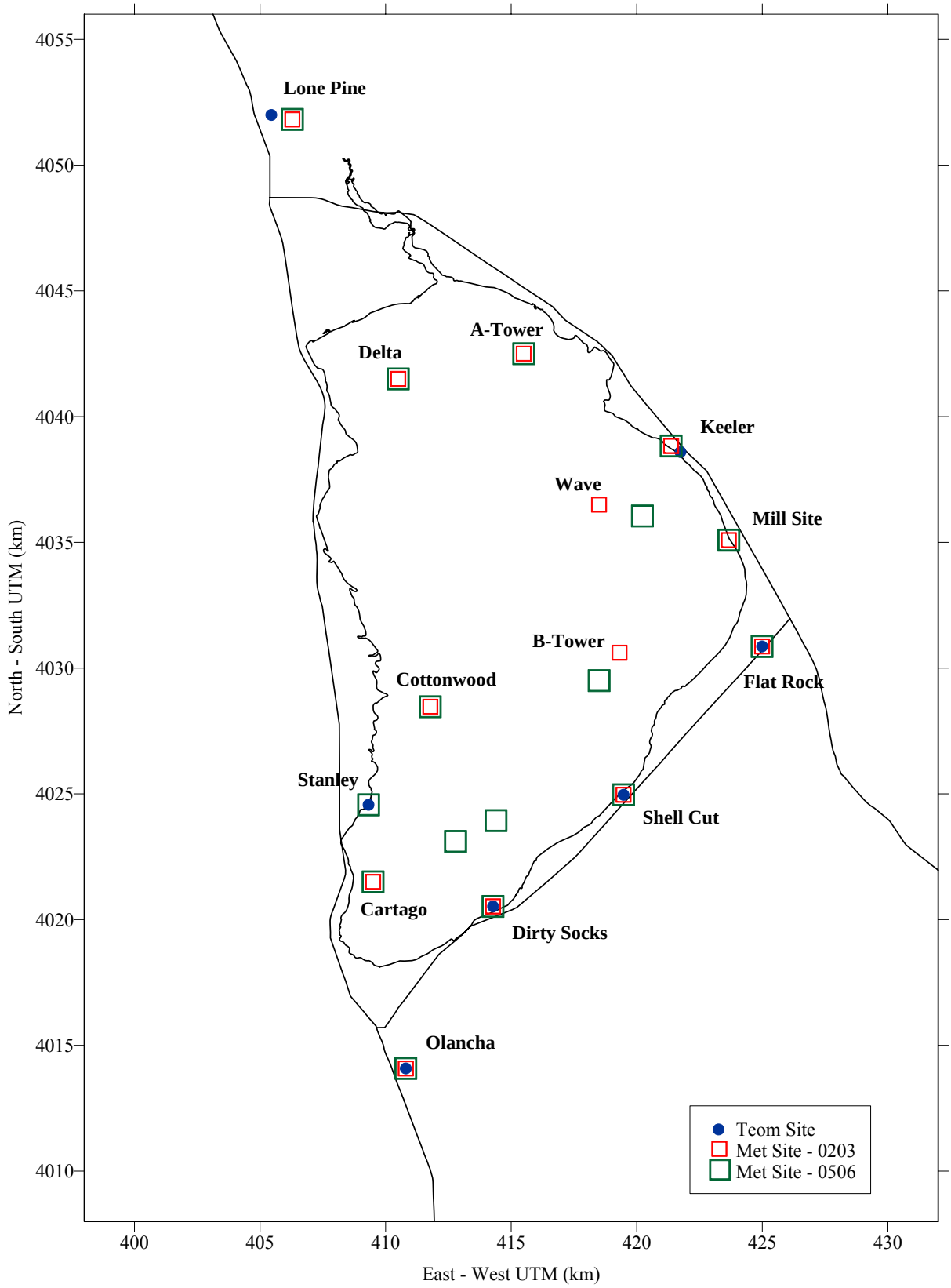


Figure 1 Owens Lake PM_{10} and Meteorological Monitoring Network

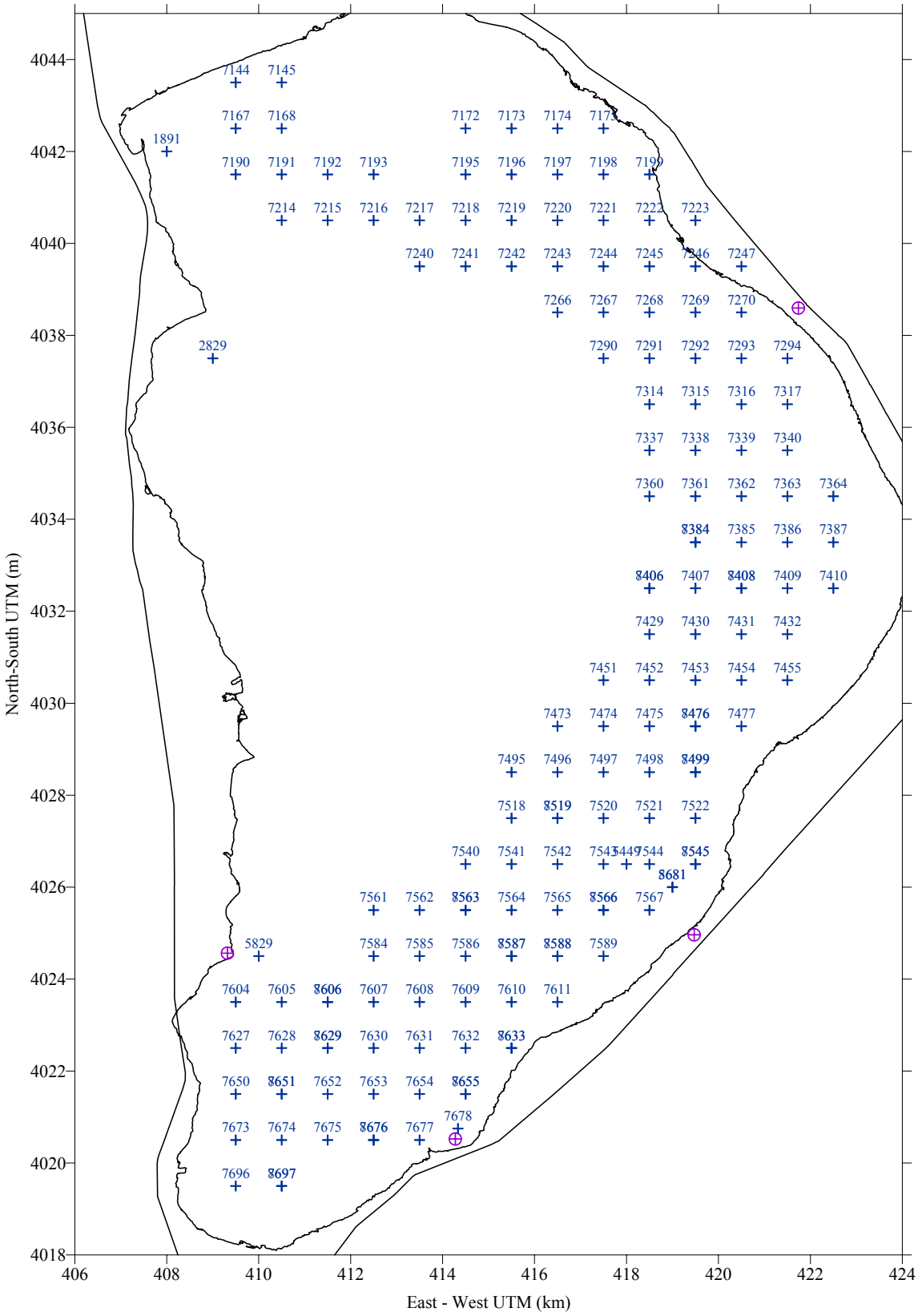


Figure 2 Owens Lake Sensit Network for July 2002 through June 2003

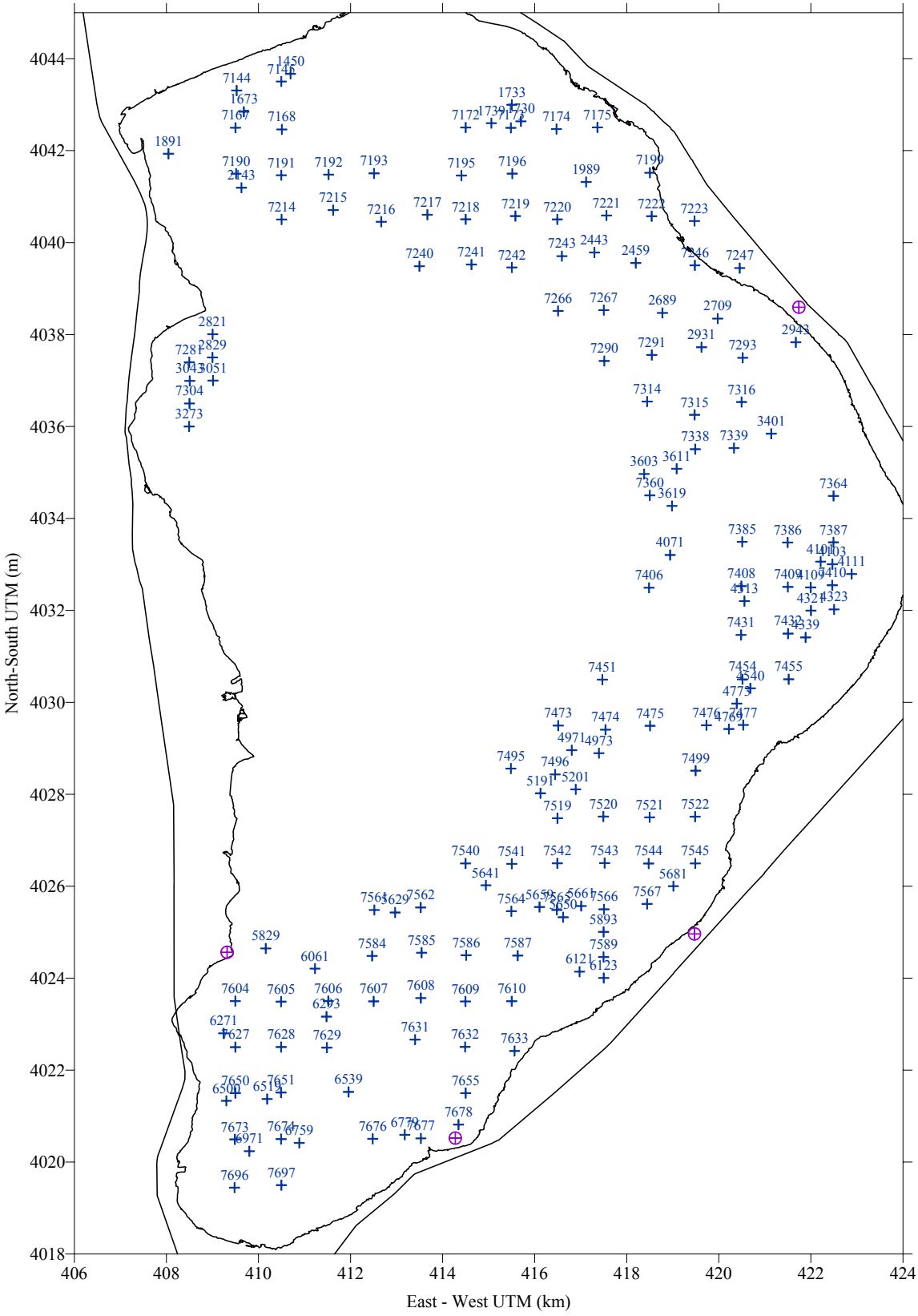


Figure 3 Owens Lake Sensit Network for July 2005 through June 2006

4 DISPERSION MODELING TECHNIQUES

The CALPUFF modeling system was selected for assessing source contributions to observed PM_{10} concentrations and for the development of control strategies for the 2008 SIP. CALPUFF is the USEPA recommended modeling approach for long-range transport studies and USEPA has designated CALPUFF as a *Guideline Model* included in the *Guideline on Air Quality Models* (40 CFR Part 51, Appendix W). USEPA also allows application of the modeling system on a case-by-case basis to near-field dispersion problems where the three-dimensional qualities of the wind field are important and for stagnation episodes when pollutants remain within the modeling domain over periods of several hours or more. Observations during the Dust ID Program indicate dust events on Owen Lake are sometimes influenced by complex wind patterns, with plumes from the North Sand Sheet traveling in different directions than plumes from the South Sand Sheet. Both CARB and the USEPA approved the application of CALPUFF during their review of the modeling protocol for the 2003 SIP. Preparation of the meteorological data, application of CALPUFF, and the estimation of PM_{10} emission fluxes are discussed in the remainder of this section.

4.1 Preparation of the Meteorological Data

The three-dimensional wind fields for CALPUFF were constructed from surface and upper air observations using the CALMET meteorological preprocessor program.[a] CALMET combines surface observations, upper air observations, terrain elevations, and land use data into the format required by CALPUFF. Winds are adjusted objectively using combinations of both surface and upper air observations according to options specified by the user. In addition to specifying the three-dimensional wind field, CALMET also estimates the boundary layer parameters used to characterize diffusion and deposition by the CALPUFF dispersion model. CALMET was applied following the general procedures discussed below.

Model domain. The model domain shown in Figure 4 is a 34 km-by-48 km area centered on Owens Lake. The extent of the model domain was selected to include the "data rich" study area, terrain features that act to channel winds, and receptor areas of interest. The meteorological grid used a one-kilometer horizontal mesh size with ten vertical levels ranging geometrically from the surface to four kilometers aloft.

Surface observations. The majority of the necessary surface meteorological data came from the District's network of ten-meter towers shown in Figure 1, supplemented by wind data south of the domain at Coso Junction and Coso Gate. Very few periods of missing data were contained in the District's database. Periods of missing data were flagged and CALMET constructed the wind fields using the data from the remaining stations. In addition to the District's network, surface data from other field programs at Owens Lake were used when available. These additional data sets include wind data from the City's monitoring programs. Such data were not available for all periods during the entire four-year study.

[a] CALMET version 5.53b was used in the analysis. Recently the USEPA updated the regulatory version to 5.8. The majority of the changes in the updated version relate to options to use large numerical weather prediction datasets and changes to the over-water boundary layer algorithms.

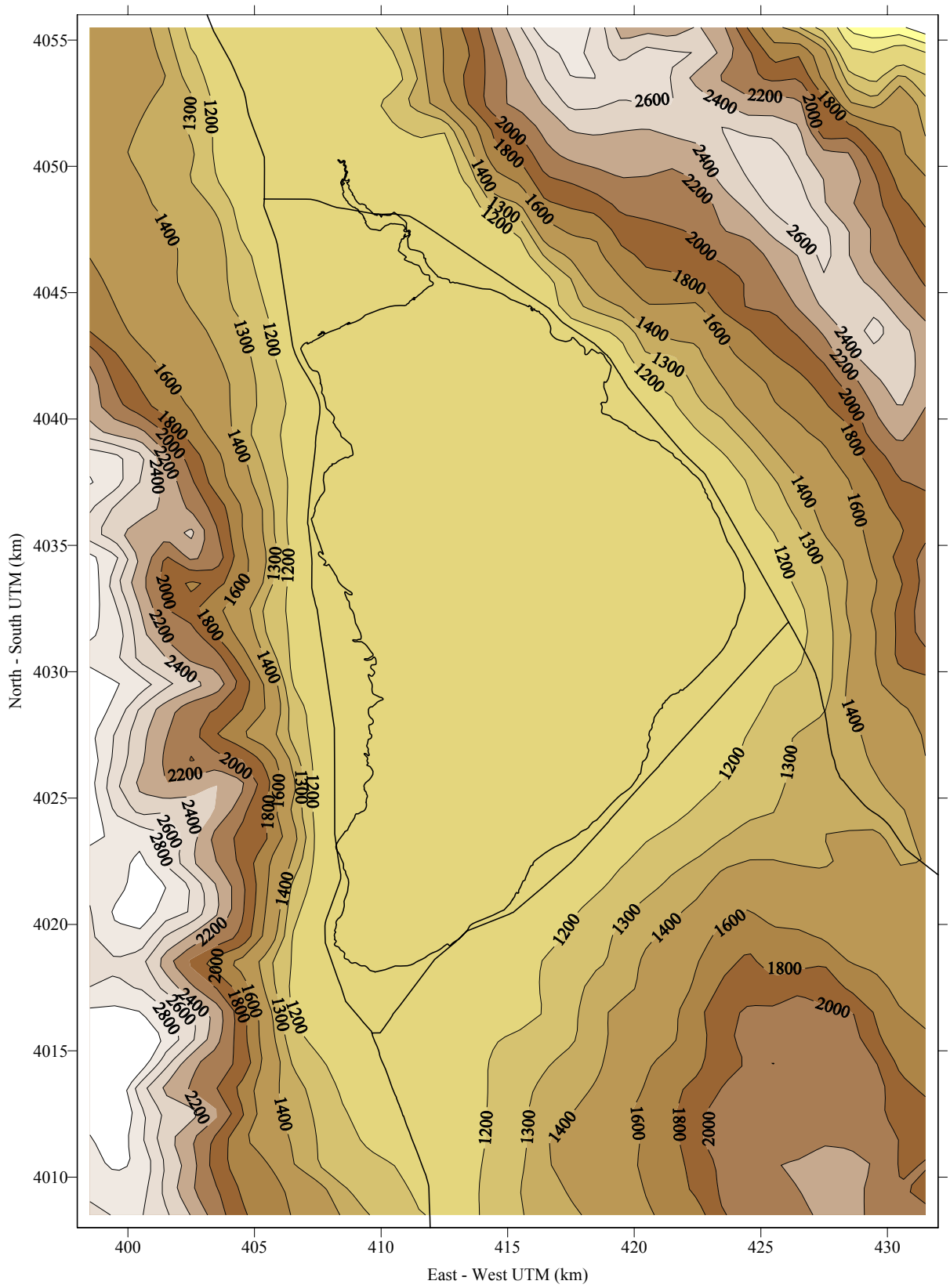


Figure 4 Model Domain and One-km Mesh Size Terrain (m)

Cloud cover. CALMET requires cloud cover and ceiling height observations. Cloud cover is a variable used to estimate the surface energy fluxes and, along with ceiling height, is used to calculate the Pasquill stability class. Hourly cloud cover and ceiling height observations were collected from the surrounding surface airways observations at China Lake and Bishop Airport. During dust event conditions, the sensitivity of the CALPUFF modeling system to these variables is reduced, as the stability class becomes neutral under moderate to high winds. Algorithms within the modeling system that depend on the surface energy fluxes are dominated by the momentum flux and tend to be insensitive to cloud cover under high winds. For these reasons, the absence of local cloud cover and ceiling height measurements are not expected to significantly affect the results of the modeling study.

Surface characteristics and terrain. The CALPUFF modeling system requires land use and terrain data. These data are used by CALMET to adjust the wind field and affect the calculations performed by the CALPUFF dispersion model. CALPUFF considers spatial changes in land use, including the surface roughness, and the input data are specified on a horizontal grid. The terrain data influence the constructed wind fields and plume trajectories in regions of sparse observations. Land use and terrain data were obtained from the U.S. Geological Survey (USGS) data sets on the Internet. The mesh sizes of these land use and terrain data sets are 200 m and about 30 m, respectively. These data sets were prepared using the pre-processing software provided with the CALPUFF modeling system. The one-km mesh size terrain data used by CALMET and CALPUFF are shown in the contour plot in Figure 4.

Upper air data. The upper air data for construction of the wind fields and estimation of mixing heights with CALMET included local hourly observations from the Mill Site Wind Profiler and regional twice-daily upper air soundings from Desert Rock Airport (Mercury, Nevada) and China Lake Naval Air Station. The Wind Profiler with RASS samples wind and temperature from 100 m, up to 5000 m with a vertical resolution as low as 60 m depending on the clutter environment, atmospheric scattering conditions, and pulse length. Experience at Owens Lake indicates wind data recovery is sometimes poor above 1000 m due to the dry environment and the RASS data are limited to the lower levels during windy conditions. The Wind Profiler data were used until the instrument was removed in June 2004.

Hourly wind and temperature data from the Wind Profiler and RASS were used for as many vertical levels as possible. In order to extend the profiles aloft near the profiler, 500-mb data were stripped from the China Lake (Desert Rock when missing) sounding. Since the soundings are generally taken at 12-hour intervals, it was necessary to interpolate between the observation times to match the hourly Wind Profiler data. After the Wind Profiler was removed, soundings from China Lake and Desert Rock were used to construct the data set. The China Lake and Desert Rock sounding were primarily used for upper level temperature lapse rates. Upper level winds within the domain depend on either Wind Profiler measurements or extrapolation of the local surface wind measurements.

The methods used to extrapolate surface winds aloft influenced predicted upper level winds in portions of the domain away from the Wind Profiler and the entire domain after the Wind Profiler data was removed. Data from the Wind Profiler during dust events indicate little or no wind speed shear in the vertical and no consistent turning of the wind direction with height. The default algorithms employed by CALMET based on Similarity Theory often adjust the winds in the wrong direction and predict too much increase in wind speed with height even for very small surface roughness lengths. As an alternative, wind speeds aloft were adjusted using the empirical

results suggested by the Wind Profiler. No wind direction turning with height was assumed except near the Wind Profiler site where the actual data were used when available.

CALMET options. The options employed for the application of CALMET to construct the wind fields were provided in the 2003 SIP Modeling Protocol. The majority of the selected model options are based on the defaults incorporated in the code by the model author.[1] Notable model options include:

- Ten vertical levels varying geometrically from the surface to 4000 m. The geometric spacing provides better resolution near the surface and the upper limit is high enough to be above the boundary layer height.
- Vertical extrapolation of surface winds aloft using the results of the Wind Profiler studies as discussed above.
- Less than default smoothing of wind fields. City consultants suggested less smoothing of the wind fields by CALMET after review of the 2003 SIP Modeling Protocol.

The wind fields constructed with CALMET were randomly checked with the CALDESK™ software package and by plotting the resultant fields and the surface observations on a base map. Figure 5 shows an example of the surface wind field constructed for a morning hour of the February 2, 2003 dust event.

4.2 PM_{10} Emissions and Source Characterization

This section provides an overview of the methods used to calculate hourly windblown PM_{10} emissions for dispersion model simulations at Owens Lake. The detailed procedures, theory, and supporting scientific evidence for the methods employed are given in Section 4 of the 2008 SIP, by Ono, et al., and in Gillette, et al.[10,11] PM_{10} emission fluxes from source areas at Owens Lake were calculated using hourly sand flux activity data and the following simple relationship:

$$F_a = K_f \times q \qquad \textbf{Equation 1}$$

where:

F_a = the vertical PM_{10} emission flux ($g/cm^2/hr$)

K_f = an empirical constant (sometimes referred to as the K-factor)

q = the horizontal sand flux measured at 15 cm above the surface ($g/cm^2/hr$)

Field data at Owens Lake suggest the horizontal sand flux at a single measurement height is proportional to the total horizontal sand flux and is a good indicator of wind erosion processes generating PM_{10} emissions. The total horizontal sand flux is a strong function of both the surface shear stress and the properties of the soil at the time of the event. Rather than trying to predict the horizontal sand flux using wind speed and properties of the soil, sand movement on the lake was parameterized using the network of paired Sensit™ and CSC measurements.

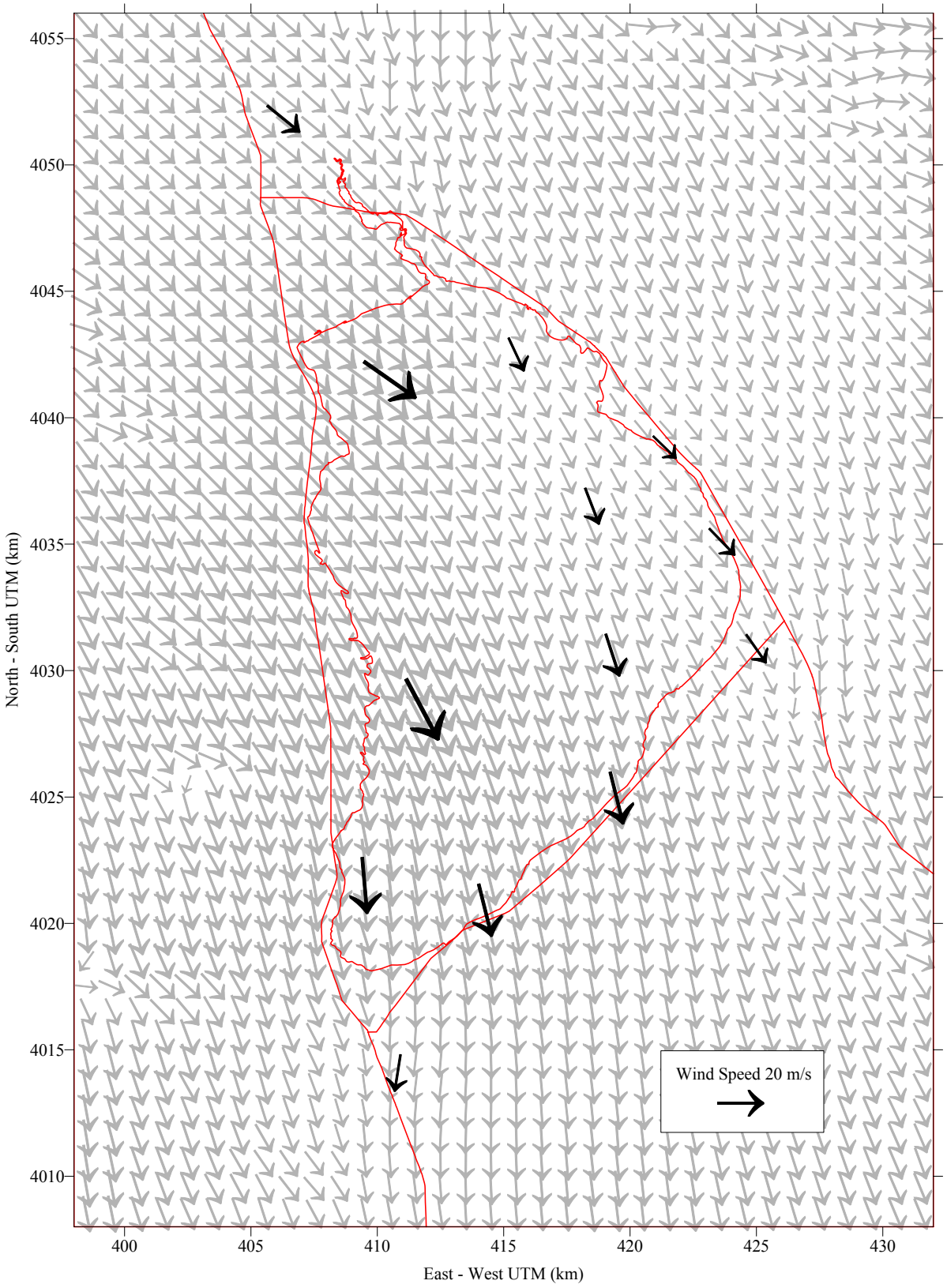


Figure 5 CALMET Predicted Surface Winds with Observations Posted for February 2, 2003 (Hour 0600-0700)

***K_f* estimates.** Experimental and theoretical evidence suggest K_f is a property associated with the binding energies of the soil and is relatively independent of the surface stress induced by wind speed.[10,11] At the highest wind speeds, K_f appeared to increase in some areas and seasons, but not enough to warrant modeling K_f as a function of wind speed. On Owens Lake this empirical constant appears to vary by season, due to the presence or absence of protective salt crusts, and by source areas grouped together by surface soil textures.

The K_f estimates used in this study are a combination of the defaults presented in the 2003 SIP and the data derived from the Dust ID Program during June 2002 to July 2006. The procedures are described in *Owens Lake Dust Source Identification Program Field Manual.* The general steps in the method are as follows:

- Dust ID Program GIS data are used to provide outlines of the source areas on the lakebed. A source configuration was developed for each year using the techniques discussed more fully in the following sub-section.
- For each source area, a sand motion monitoring site is assigned to characterize PM_{10} emissions.
- An hourly variable emissions file is constructed according to Equation 1 using the horizontal sand motion database and an assumed initial K_f of $5x10^{-5}$.
- The CALPUFF modeling system is used to simulate dust events using the initial PM_{10} emission fluxes and provide predictions at each PM_{10} monitoring site. Figure 6 shows an example of an hourly prediction using the initial K_f estimate for one of larger dust events during the study period.
- Paired hourly predictions and observations are used to infer or adjust the initial K_f estimate during periods of interest. The periods selected are based on a set of screening criteria to ensure PM_{10} emissions affecting the monitor were likely caused by windblown dust from the lakebed.
- The data pairs passing the initial screen are then grouped in four sets based on the locations of the sources predicted to contribute to the observations. The four general source areas selected based on common surface soil properties are the North Area, Keeler Dunes, Central Area and the South Area.
- The K_f data for each general source area are then subject to a second set of screening criteria. The criteria require that sources affecting the monitor are relatively close, upwind, and contribute to the majority of the prediction at the monitor. Data are also removed from consideration when sources with missing sand motion data are upwind of the monitoring site.
- Time series plots of the revised K_f estimates are then prepared for each general source area. The District then inspects the plots for seasonality and divides the data set into periods. The periods are subjectively based on inspection of the variability exhibited in time series plots and considerations of the precipitation-temperature history thought to affect surface crusting, surface erodibility, and the formation of efflorescent salts on the surface.
- For each period and general source area (North Area, Keeler Dunes, Central Area and the South Area.) with nine or more hourly K_f estimates remaining, a revised *Kf* is derived based on the 75^{th} percentile of the ensemble.

- During periods and for general source areas where nine data pairs are not available, the seasonal 2003 SIP K_f defaults for the areas are used.

Table 1 lists the K_f estimates used in the 2008 SIP from the data collected during the four year period and the methods outlined above. Figure 7 and Figure 8 show the temporal variability of the *Kf* estimates assigned to each of the four general source areas. The hourly *Kf* plots show the seasonality of the data and provide an indication of the uncertainty of the estimates used in the 2008 SIP.

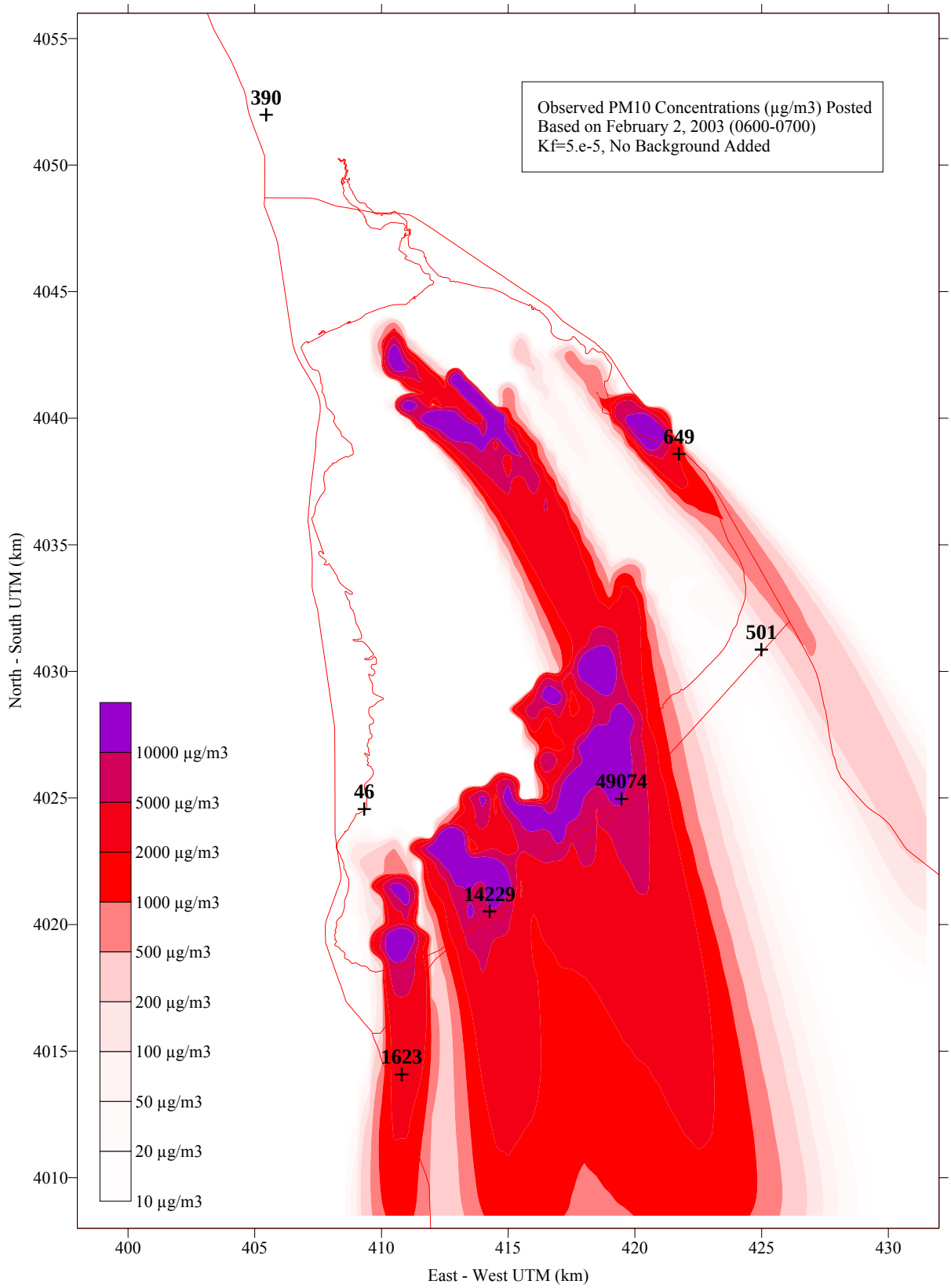


Figure 6 CALPUFF Predicted PM_{10} Concentrations ($\mu g/m^3$) for February 02, 2003, Hour 0600-0700

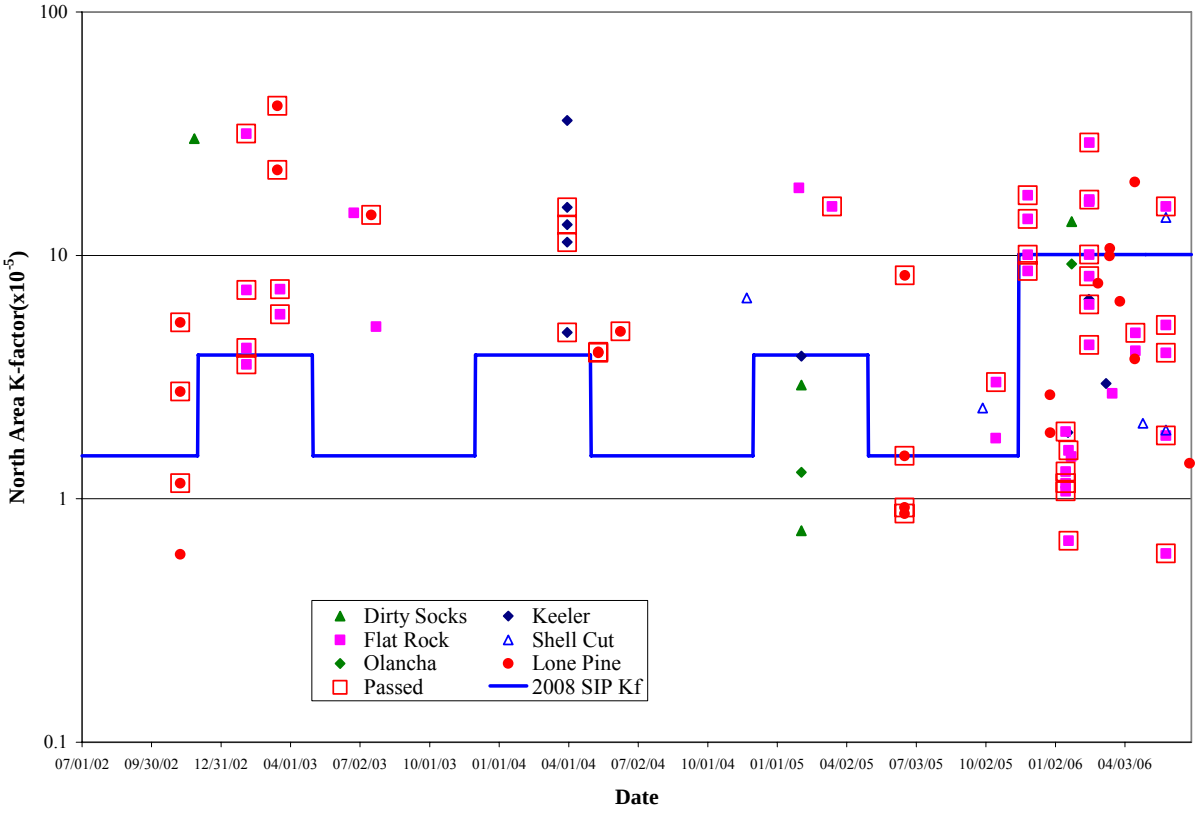
Table 1 - 2008 SIP K-factors (K_i) by Source Area and Period

Period		K-factors (10^{-5}) For Different Source Areas			
Start	**End**	**Keeler Dunes**	**North Area**	**Central Area**	**South Area**
7/1/2002	11/23/2002	6.0 *	1.5 *	3.5 *	1.5 *
11/24/2002	11/30/2002	4.1	1.5 *	24.5	22.3
12/1/2002	3/31/2003	4.1	3.9	24.5	22.3
4/1/2003	4/30/2003	3.4 *	3.9	11.0 *	3.4 *
5/1/2003	11/30/2003	3.4 *	1.5 *	11.0 *	3.4 *
12/1/2003	2/29/2004	2.8	3.9	12.0 *	11.7
3/1/2004	3/29/2004	7.4 *	3.9	122.1	44.0 *
3/30/2004	4/30/2004	3.1	3.9	8.8 *	5.4
5/1/2004	10/31/2004	3.1	1.5 *	8.8 *	5.4
11/1/2004	11/30/2004	3.1	1.5 *	19.3	12.9 *
12/1/2004	4/30/2005	3.5 *	3.9	19.3	4.0
5/1/2005	6/30/2005	2.1	1.5 *	19.3	1.9
7/1/2005	11/14/2005	2.1	1.5 *	6.9 *	1.9 *
11/15/2005	11/30/2005	2.1	10.1	6.9 *	11.6
12/1/2005	3/24/2006	7.4 *	10.1	29.6	11.6
3/25/2006	4/30/2006	7.4 *	10.1	29.6	4.0 *
5/1/2006	6/30/2006	6.0	10.1	6.9 *	1.9 *

Table Notes:

"*" Denotes default K-factors from the 2003 SIP. Other K-factors are based on the 75th percentile average over at least 9 samples passing the DUST ID Program screening criteria

The Keeler Dunes, North Area, Central Area and South Area K-factors are assigned to the simulated source areas presented in Appendix A through Appendix D.



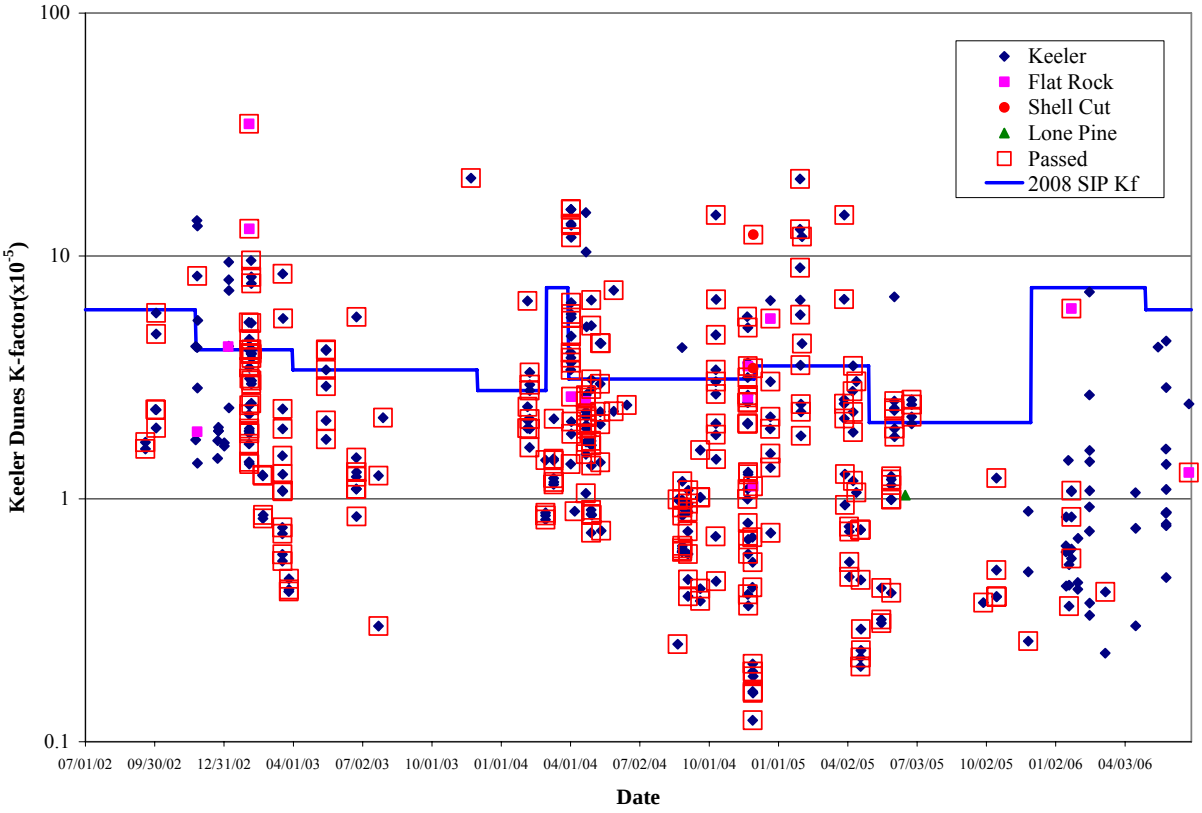
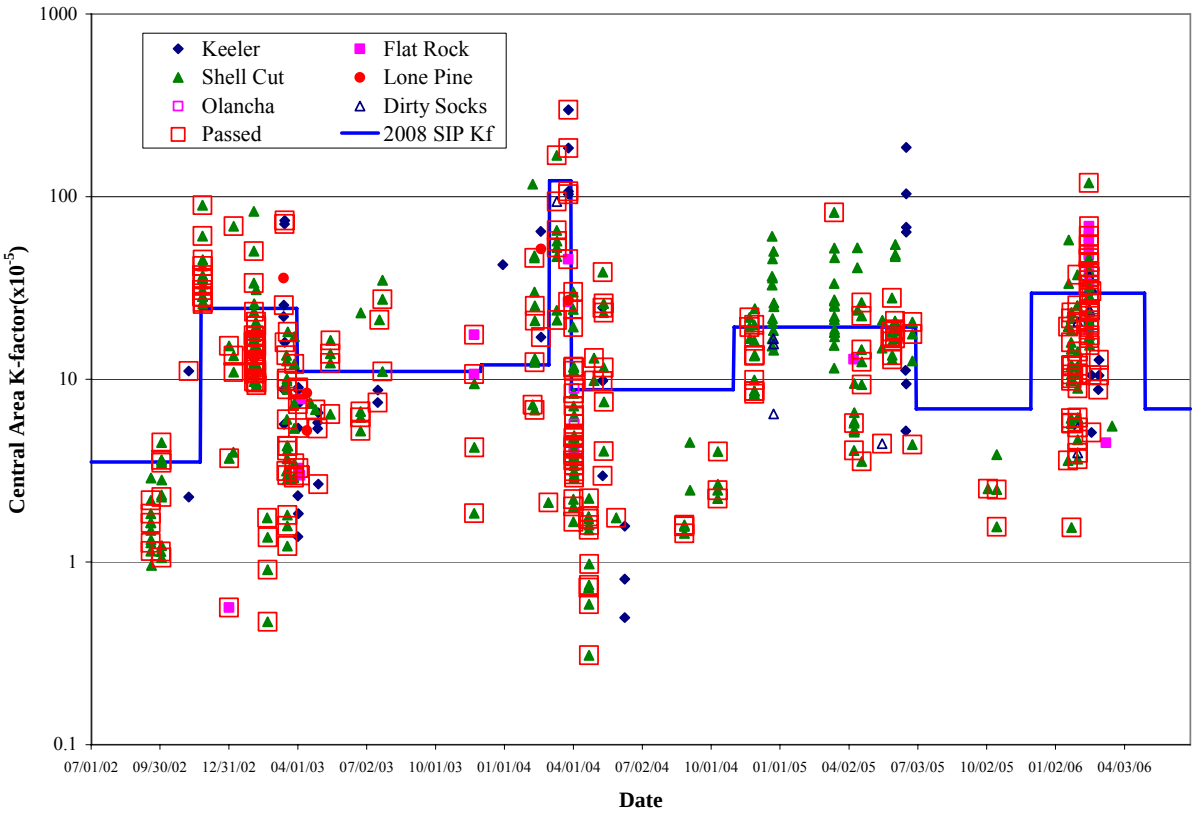


Figure 7 Keeler Dunes and North Area K-Factors



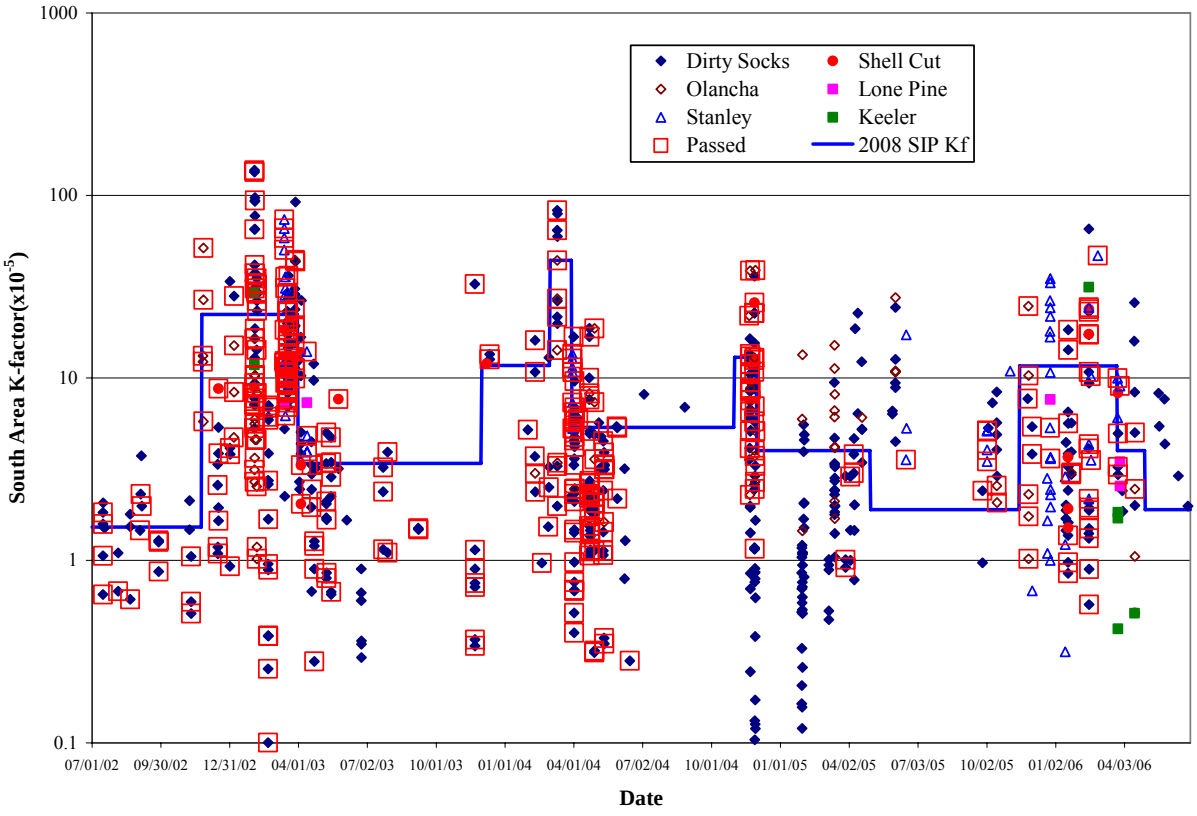


Figure 8 Central and South Area K-Factors

Area source configuration. The CALPUFF simulations at Owens Lake are sensitive to source area configuration. Emissions were varied hourly according to Equation 1 and supplied to CALPUFF for each Sensit™ location as area sources. The paired Sensit and CSC measurements were assumed to be representative of the horizontal sand flux for irregularly shaped source areas near the sand flux site. Field observers determined the size and shape of the source areas based on GPS mapping after the storms, observation maps made during the storms, and physical surface characteristics. All source areas were represented by sand flux measured at a single site that was applied to a series of 250 m x 250 m or smaller cells that were configured to conform to the general shape of the irregular source area represented by the sand flux site.

The following general rules were used to characterize and map source areas on the lakebed:

- Actual source boundaries were used when available to delineate emission sources in the simulations. Actual source boundaries were determined using a weight-of-evidence approach considering visual observations, GPS mapping, and surface erosive characteristics. Erosive characteristics that were considered when defining a source boundary include properties of the soil, surface crusting, wetlands, and the proximity of the brine pool and existing dust control measures (DCMs).
- Source boundaries were also defined based on the DCM locations. For example, sand flux measurements outside the DCM were assumed to apply up to the boundary of the DCM. Sand flux measurements inside the DCM were assumed to apply to the area inside the DCM.
- Source areas were represented by a series of 250 m x 250 m cells that generally conform to the shape of the source area and share the same hourly sand flux rates as the sand flux site representing that source area. Cells smaller than 250 m x 250 m were also used as the source areas became smaller during the study period and in the some instances near the shoreline to better represent source areas where predicted concentrations are expected to be particularly sensitive to the source area configuration.

Figure 9, Figure 10, Figure 11, and Figure 12 show the four annual source configurations used in the 2008 SIP attainment demonstration. The location, size, Sensit™, and general source area assignments for each source cell during the four annual periods are shown in Appendix A, Appendix B, Appendix C, and Appendix D. The number of individual sources simulated varied from 1500 to over 2000 depending on the year of the simulation. The total simulated area ranged from 77 km^2 to 130 km^2.

With the exception of the Keeler Dunes, PM_{10} emissions from non-Owens Lake PM_{10} windblown sources are not included in the model as individual sources. Due to the difficult nature of accurately estimating emissions from these much smaller, sporadic sources, non-Owens Lake PM_{10} emissions are included as contributors to the background concentration (see Section 4.4). This also includes contributions from upwind sources that may be outside the modeling domain.

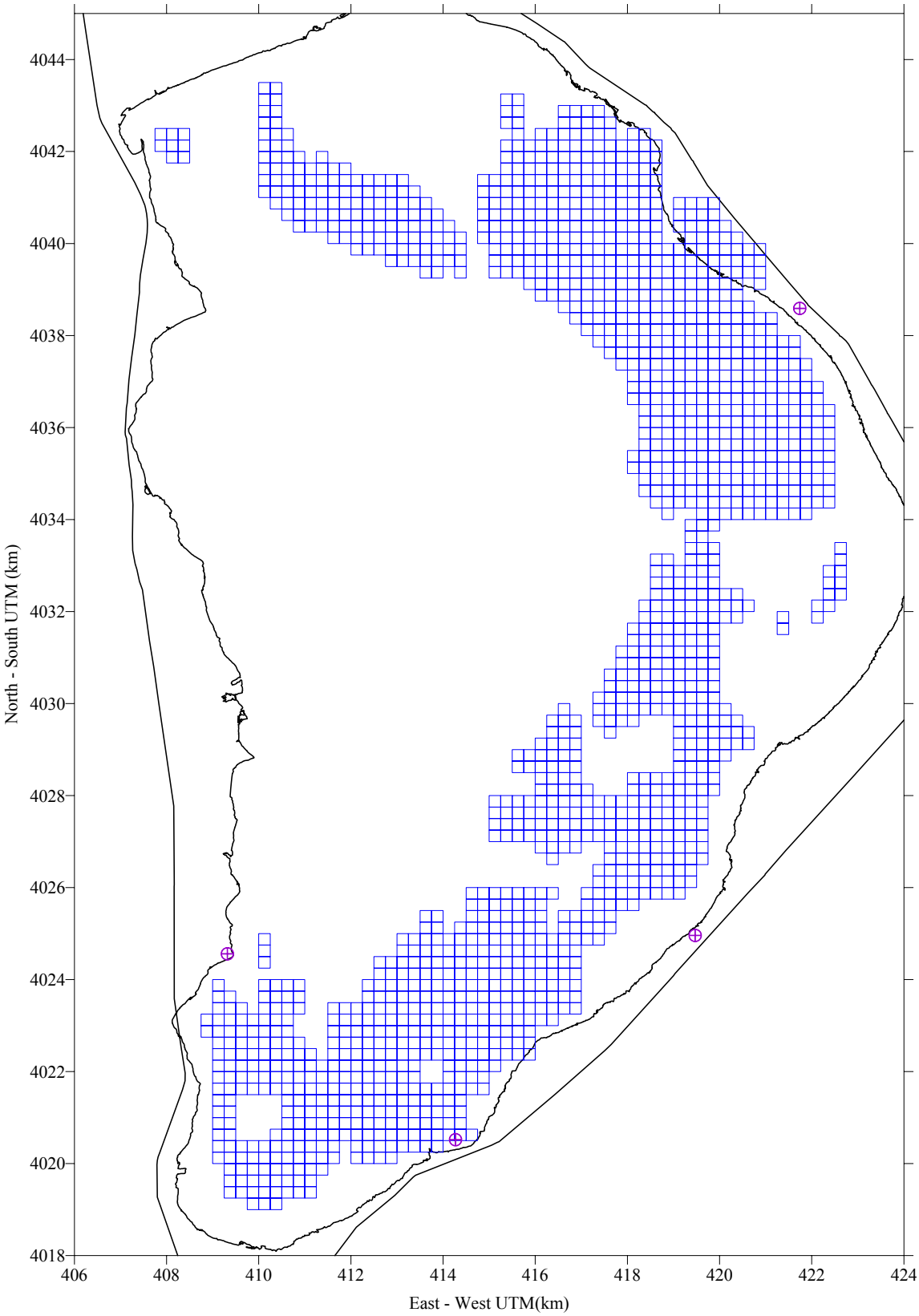


Figure 9 Area Source Configuration for July 2002 through June 2003

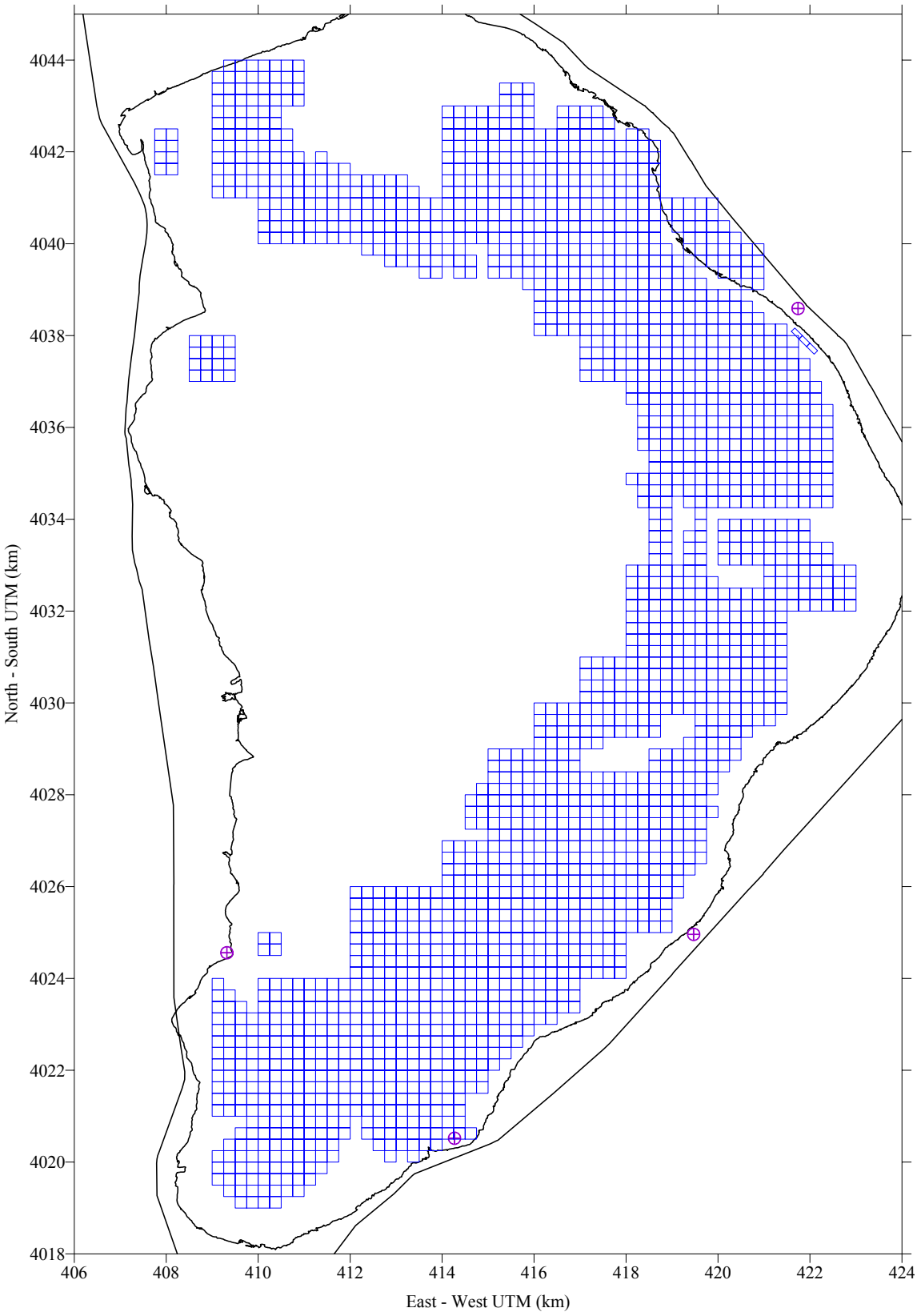


Figure 10 Area Source Configuration for July 2003 through June 2004

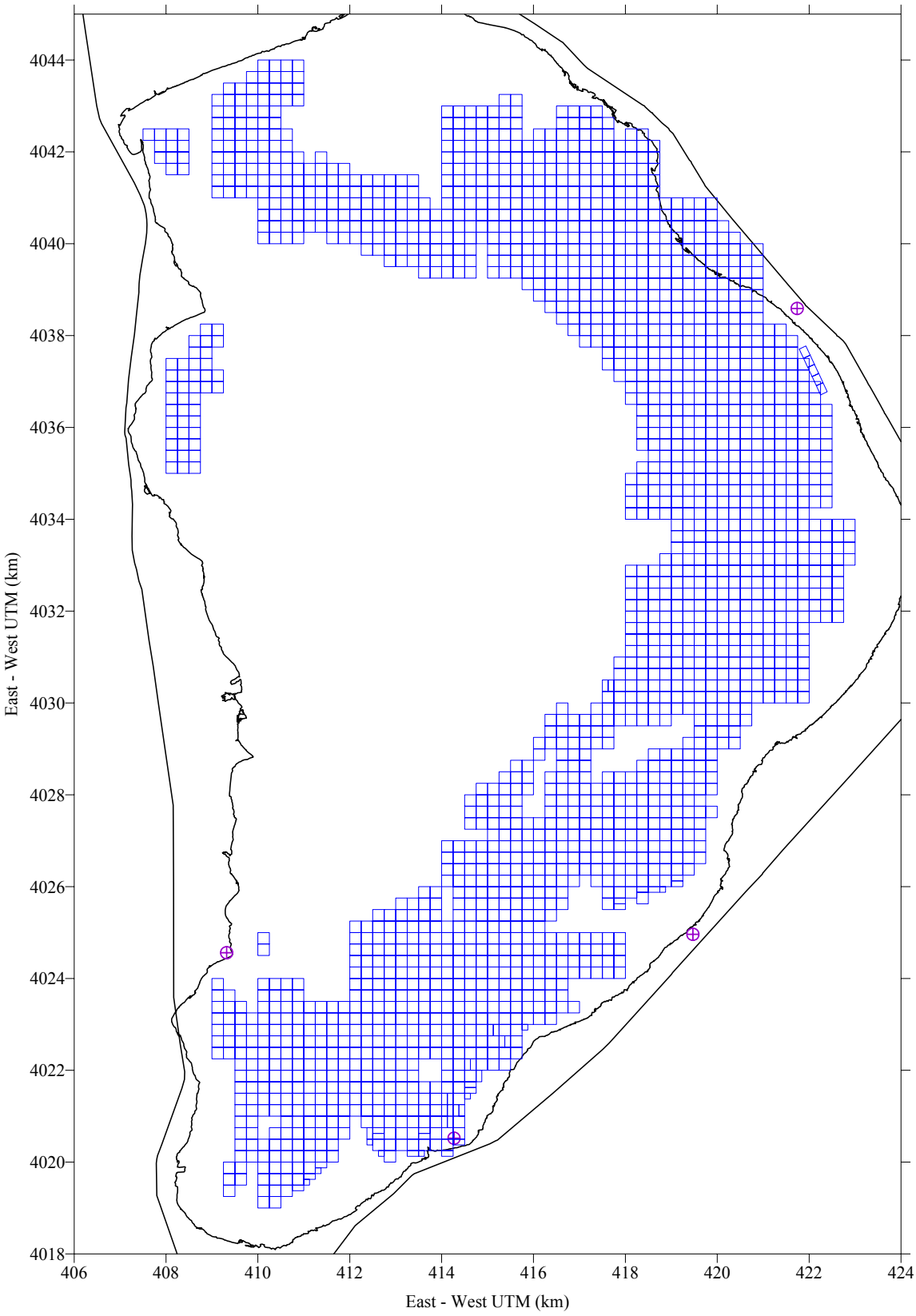


Figure 11 Area Source Configuration for July 2004 through June 2005

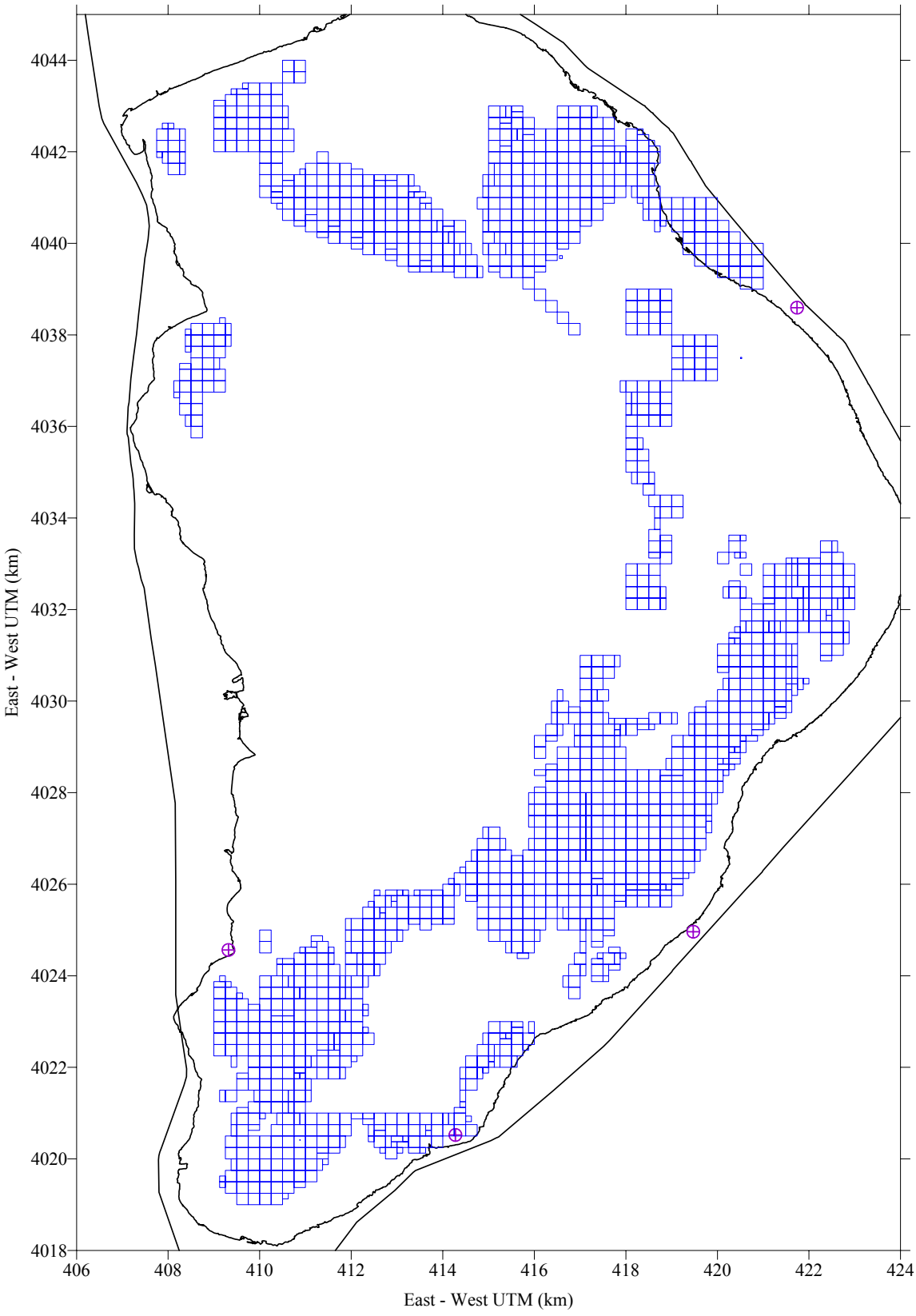


Figure 12 Area Source Configuration for July 2005 through June 2006

4.3 CALPUFF Options and Application

CALPUFF version 5.711b was used for the 2008 SIP simulations. The application of CALPUFF involves the selection of options controlling dispersion. Although the simulations are primarily driven by the meteorological data, emission fluxes, and source characterization, the dispersion options also affect predicted PM_{10} concentrations. In this study, the following options were selected for the simulations:

- Dispersion according to the conventional Pasquill-Gifford dispersion curves. Early in the study, sensitivity tests were performed by applying CALPUFF with dispersion routines based on Similarity Theory and estimated surface energy fluxes. These tests did not indicate improved performance over the Pasquill-Gifford based simulations.
- Near-field puffs modeled as Gaussian puffs, not elongated "slugs." CALPUFF contains a computation intensive "slug" algorithm for improved representation of plumes when wind directions vary rapidly in time. This option was tested, but did not significantly influence the CALPUFF predictions.
- Consideration of dry deposition and depletion of mass from the plume. The particle size data used were based on measurements taken within dust plumes on Owens Lake as discussed below.

Dry deposition and subsequent depletion of mass from the dust plumes depend on the particle size distribution. Several field studies have collected particle size distributions within dust plumes at Owens Lake. Based on results from Niemeyer, the CALPUFF simulations assumed a lognormal distribution with a geometric mean diameter of 3.5 μm and a geometric standard deviation of 2.2.[14] These variables are based on the average of 13 dust plume size distributions reported by Niemeyer between June 1995 and March 1996 at different locations within the Airshed.

4.4 Background PM_{10} Concentrations

The dispersion model simulations include only wind-blown emissions from the source areas with sand flux activity shown in Figure 9 to Figure 12. During high wind events other local and regional sources of fugitive dust also contribute to the PM_{10} concentrations observed at the monitoring locations and historical shoreline. A constant background concentration of 20 $\mu g/m^3$ was added to all predictions to account for background sources. The constant background was calculated from the average of the lowest observed PM_{10} concentrations for each dust event when 24-hour PM_{10} concentrations at any of the sites were above 150 $\mu g/m^3$.[15,16] To avoid including impacts from lakebed dust source areas in the background estimate, the procedures used a simple wind direction filter to exclude hours when the lakebed may have directly influenced observed PM_{10} concentrations. Such hours were removed and daily average background concentrations were recalculated based on the remaining data.

5 ATTAINMENT DEMONSTRATION

The CALPUFF modeling techniques described in previous sections were applied to assess control strategies proposed for the 2008 Owens Valley PM_{10} SIP. These control strategies are described in the Settlement Agreement. This section of the report describes the methods used to demonstrate attainment of the 24-hour PM_{10} NAAQS and presents the results of the analysis.

PM_{10} emission sources. PM_{10} emissions were simulated using the hourly sand flux data collected during July 2002 through June 2006 based on the area source configuration shown in Figure 9 to Figure 12. The characterization of uncontrolled emissions follows the general techniques discussed above. Daily and monthly smoothed PM_{10} emission predictions are shown in Figure 13. The larger storms on the lakebed during the study period resulted in emissions greater than 10,000,000 kg/day (11,000 tons/day). The highest emissions occurred during the first annual period simulated (July 2002 to June 2003) and decreased the next two years. However, the last year (July 2005 to June 2006) simulated had some of the dust events storms of the study.

Keeler Dunes. Emissions from the Keeler Dunes were excluded from the simulations to access attainment. The District believes emissions from the Keeler Dunes and several other off-lake sources are caused by deposition from the lakebed sources. Once the lakebed emissions are controlled, source material will be winnowed from these areas and PM_{10} emissions are expected to be similar to other relatively non-emissive regions surrounding Owens Lake. Some evidence of this trend can been seen in Figure 7 showing K-factors for the Keeler Dunes have been decreasing with time since controls have been implemented on the lakebed. The influence of non-lakebed sources is included in the simulations through the use of a background concentration. As discussed in Section 4.4, a background concentration of 20 $\mu g/m^3$ was added to all model predictions.

Attainment criteria. Attainment of the NAAQS was assessed using concentration predictions at the historic shoreline in addition to receptors at the monitoring stations.[b] Attainment of the 24-hour NAAQS is achieved when the fifth highest 24-hour PM_{10} concentration in four years at each receptor is less than 150 $\mu g/m^3$. Predictions were obtained at more than 460 receptor locations placed at the historic shoreline (approximately at the 3600' elevation) of Owens Lake. The shoreline shown in Figure 14 is representative of areas of potential public access at Owens Lake. The receptor spacing along the historic shoreline ranged from 100 to 200 m. Note in several areas, receptors are very close to or even within the eroding playas.

5.1 Control Strategy Development

The control strategy assessed in this study was developed as part of the Settlement Agreement. The location of 2003 SIP DCAs and the additional areas for control from the Settlement Agreement are shown in Figure 14. The 2003 SIP attainment demonstration evaluated controls for the existing DCAs shown in Figure 14. The Supplemental Dust Control Areas were identified

b. Maximum concentrations from the ground based lakebed sources occur at the historical shoreline near the downwind edge of these emitting areas. Simulations have been performed with gridded receptors and predicted concentrations were always lower at locations outside the shoreline.

through the Supplemental Control Requirement provision of the 2003 SIP. The 2008 SIP attainment demonstration evaluates these additional areas: Channel Areas, Supplement DCAs, and Study Areas.

Control measures. Three DCMs identified in previous studies and in the 2003 SIP were found to be effective and are considered as Best Available Control Measures (BACM) for PM_{10} at Owens Lake; shallow flooding, managed vegetation and gravel. Shallow flooding and managed vegetation are credited with 99 percent PM_{10} emission reductions in areas where these measures are fully implemented. Fully implemented BACM for shallow flooding requires 75% wet cover. In the 2008 SIP the shallow flood DCM was modified to allow variable levels of control effectiveness based on the amount of water cover applied to each area (see Section 5.2 and Chapter 8, Attachment A - 2006 Settlement Agreement). Gravel is assumed to have 100 percent control efficiency, but has been used on a very limited basis on Owens Lake as a dust control measure. Other control measures, such as Moat and Row, may be considered as BACM in the future. Currently there are no other approved dust control measures for use at Owens Lake. As required by the 1998 SIP and the 2003 SIP, the City started large-scale implementation of shallow flooding in 2001, followed by managed vegetation in 2002. By January 2007, 29.8 square miles of DCMs had been installed on the lakebed.

Source contribution matrices. Control strategy evaluations can involve many repetitive dispersion model simulations where different options for control are tested. These simulations can be computer resource intensive, and with over 1600 source areas and several different control measures, there are many possible source-control combinations at Owen Lake. In order to streamline the process, CALPUFF was first applied to simulate the uncontrolled case. Daily source contribution matrices where then developed for each source-receptor combination resulting in a large database. In the 2003 SIP the database was sorted by PM_{10} concentration at each receptor and the source contributions from the top ten PM_{10} predictions at each receptor imported into a spreadsheet. Within the spreadsheet, District air quality planners could test many different control options without the need for rerunning the dispersion model.

For the 2008 SIP and the controls in the Settlement Agreement, the City developed a customized spreadsheet containing the source-receptor contributions for every predicted concentration greater than 50 $\mu g/m^3$. Control efficiencies were assigned based on control type, but allowed to vary within certain DCAs. The spreadsheet starts with the controls specified in the 2003 SIP and then adds controls to new areas identified in the Settlement Agreement. These additional areas begin with no control and then are repetitively increased until all shoreline receptors are predicted to have PM_{10} concentrations less than 150 $\mu g/m^3$. The District then checks the resulting set of controls by re-applying the CALPUFF modeling system.

2008 SIP Control Efficiencies. Control efficiencies for the 2008 SIP attainment demonstration are listed in Table 2. Areas with variable levels of control in the Settlement Agreement are shown in Figure 15. These same efficiencies were used in the 2008 attainment demonstration, except for the Study Areas (S1, S2, S3, and S4 in Figure 14). The Study Areas were assumed to have no controls as none are required by the Settlement Agreement.

PM_{10} emissions from the Keeler Dunes (see discussion above) and the 2003 SIP DCAs were not considered in the 2008 attainment demonstration. Dust control measures were not fully implemented in the 29.8 square mile 2003 SIP DCAs during the modeling period from July 2002 through June 2006. Thus it was not known whether emissions from these areas would be

representative of future controlled conditions. For the purpose of the 2008 SIP to establish control levels for the supplemental DCAs in the Settlement Agreement, it was assumed that no emissions were coming from the 2003 DCAs. Controls for these 2003 SIP DCAs were considered in the 2003 attainment demonstration.

5.2 Attainment Demonstration Results

The predicted fifth highest 24-hour PM10 concentrations at receptors located along the shoreline are shown in Figure 16 based on a CALPUFF simulation of the control strategy discussed above. The numbers of times the PM_{10} predictions are above 150 μg/m3 at shoreline receptors are displayed in Figure 17. Although four predictions are above the 24-hour NAAQS, the design or fifth highest concentration at the same receptor was 147 μg/m3 for the four-year simulation. The modeling analysis demonstrates attainment of the 24-hour PM_{10} NAAQS using the Settlement Agreement control strategy.

The highest concentrations are along the shoreline at locations influenced by the Study Areas (S1, S2, S3, and S4 in Figure 14). These areas are being investigated, but there are currently no plans to control these areas. The Study Areas have relatively high emissions for a few days in the four-year simulations. However, the frequency of such events from these areas is not high enough to cause violations of the 24-hour PM_{10} NAAQS.

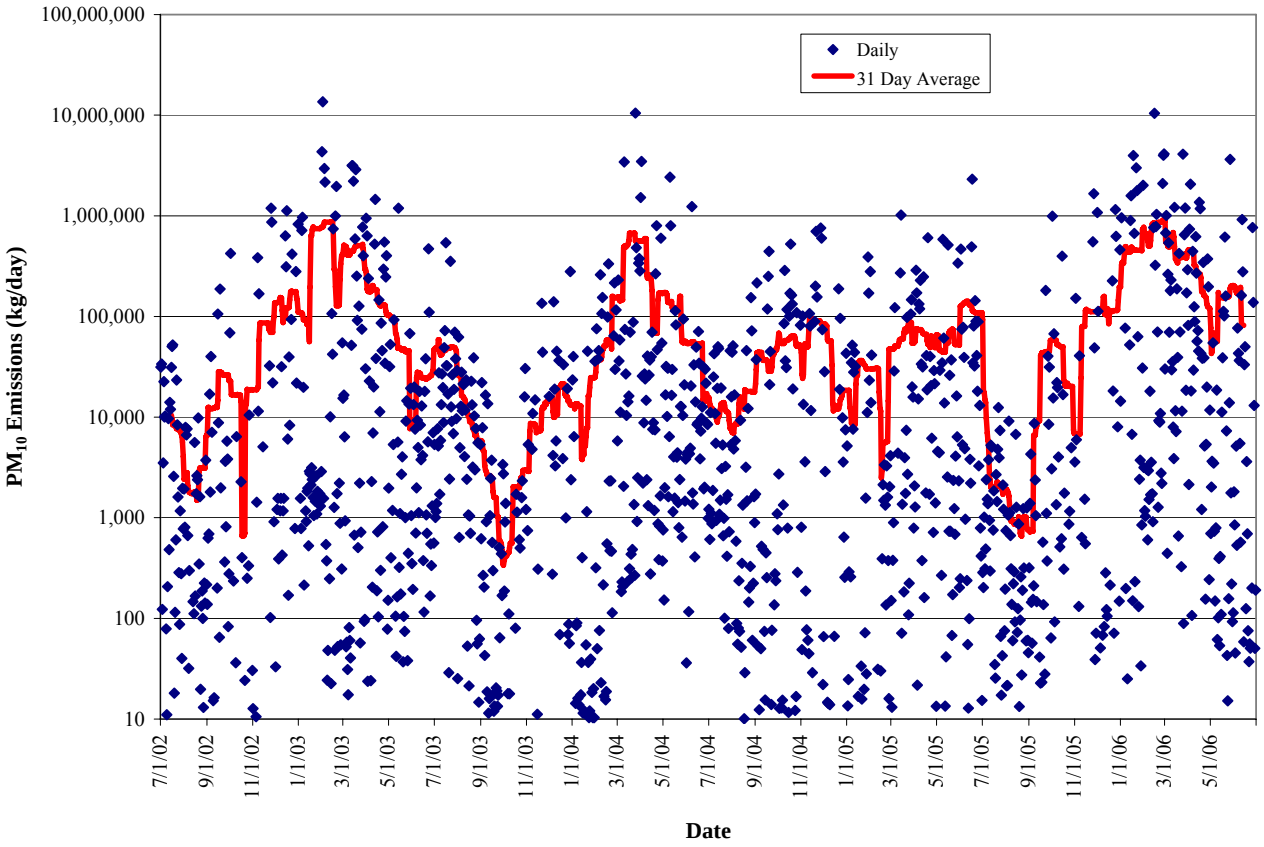


Figure 13 Predicted Daily PM_{10} Emissions during July 2002 to June 2006 from Lakebed Sources and the Keeler Dunes

Table 2 – Control Efficiencies

Source Area Type	Settlement Agreement Control Efficiency	2008 SIP Attainment Demonstration Control Efficiency
Area Not Controlled In 2003 SIP	0-99% by Area[1]	0-99% by Area[1]
2003 SIP DCA	100%	100%
Keeler Dunes	100%	100%
Study Area	0-99%	0%

1. Control efficiencies are shown in Figure 15.

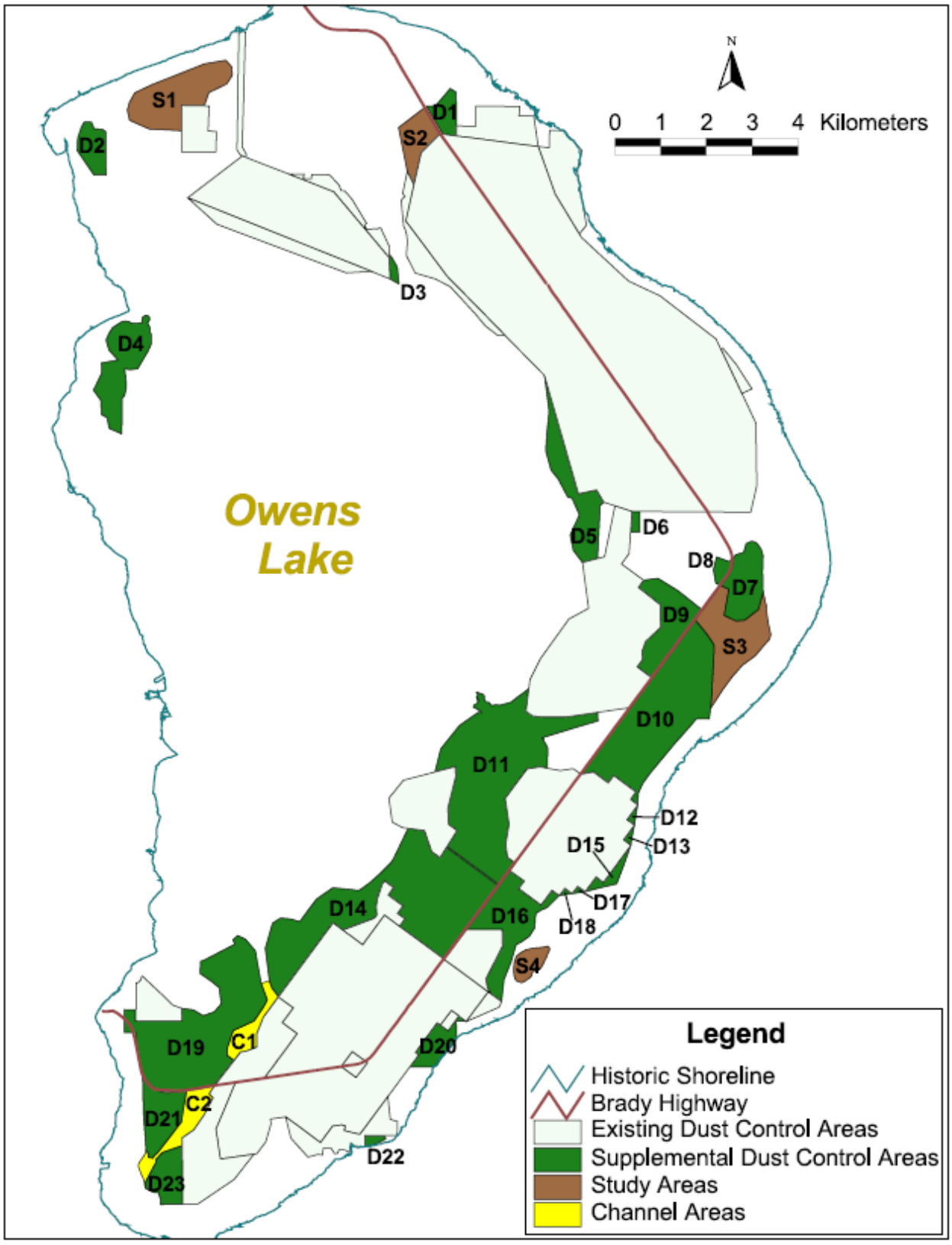


Figure 14 Location of 2003 SIP Dust Control Areas and Additional Areas for Control Assessed in the Attainment Demonstration

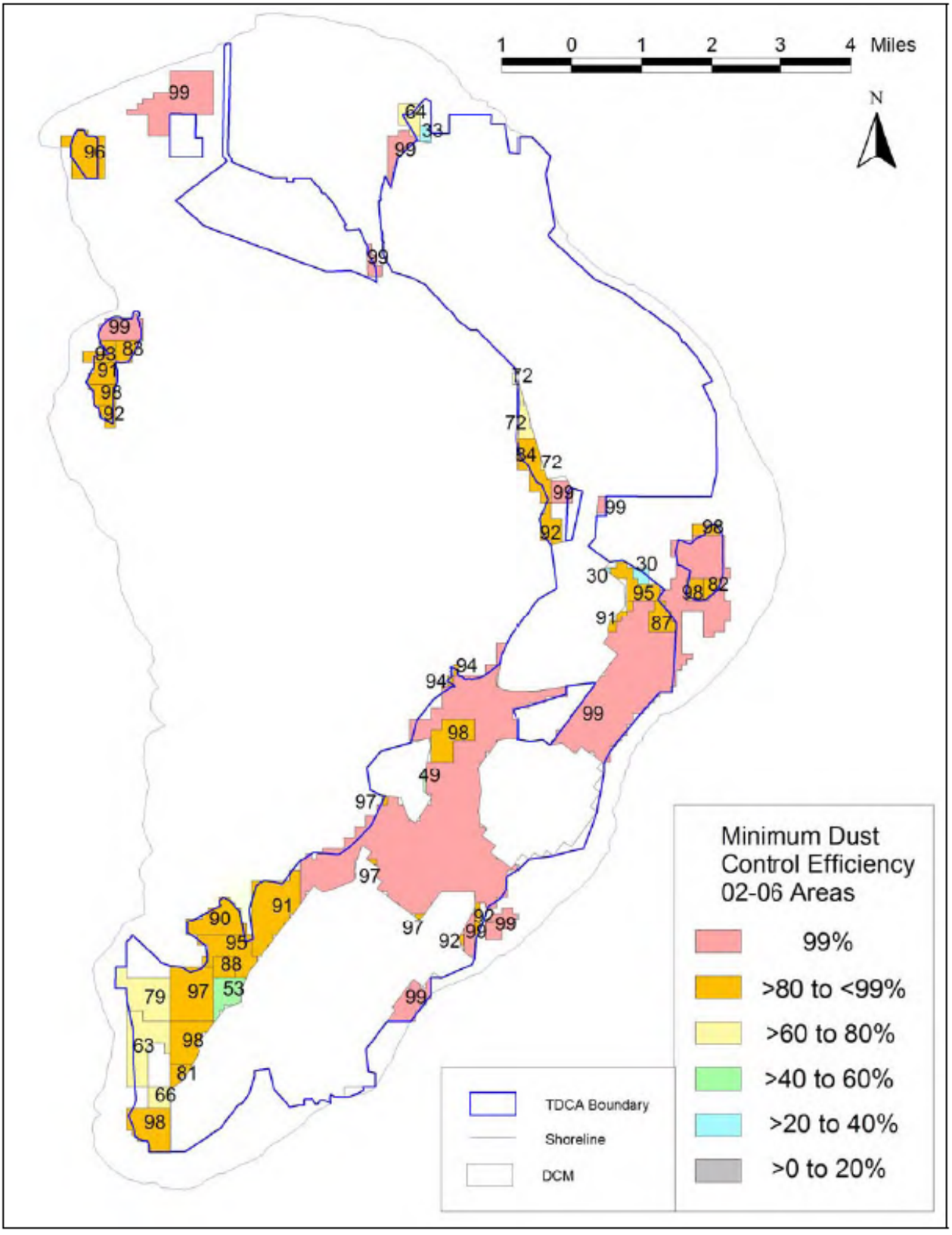


Figure 15 Settlement Agreement Control Efficiencies Assigned to Additional Areas for Control Assessed

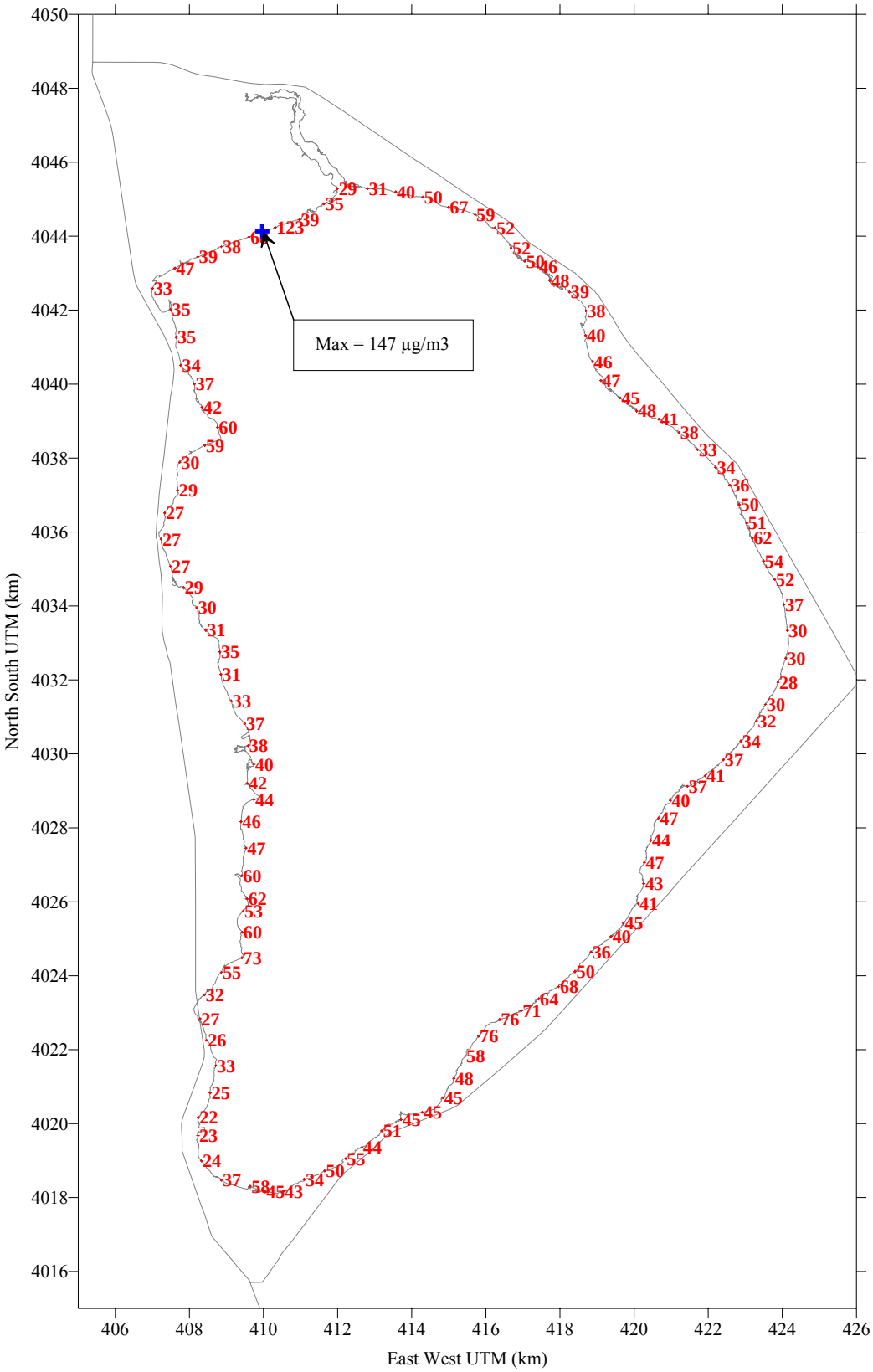


Figure 16 Fifth Highest 24-Hour PM_{10} (µg/m^3) at Shoreline Receptors, No Keeler Dunes, After Controls (Every 4th Plotted)

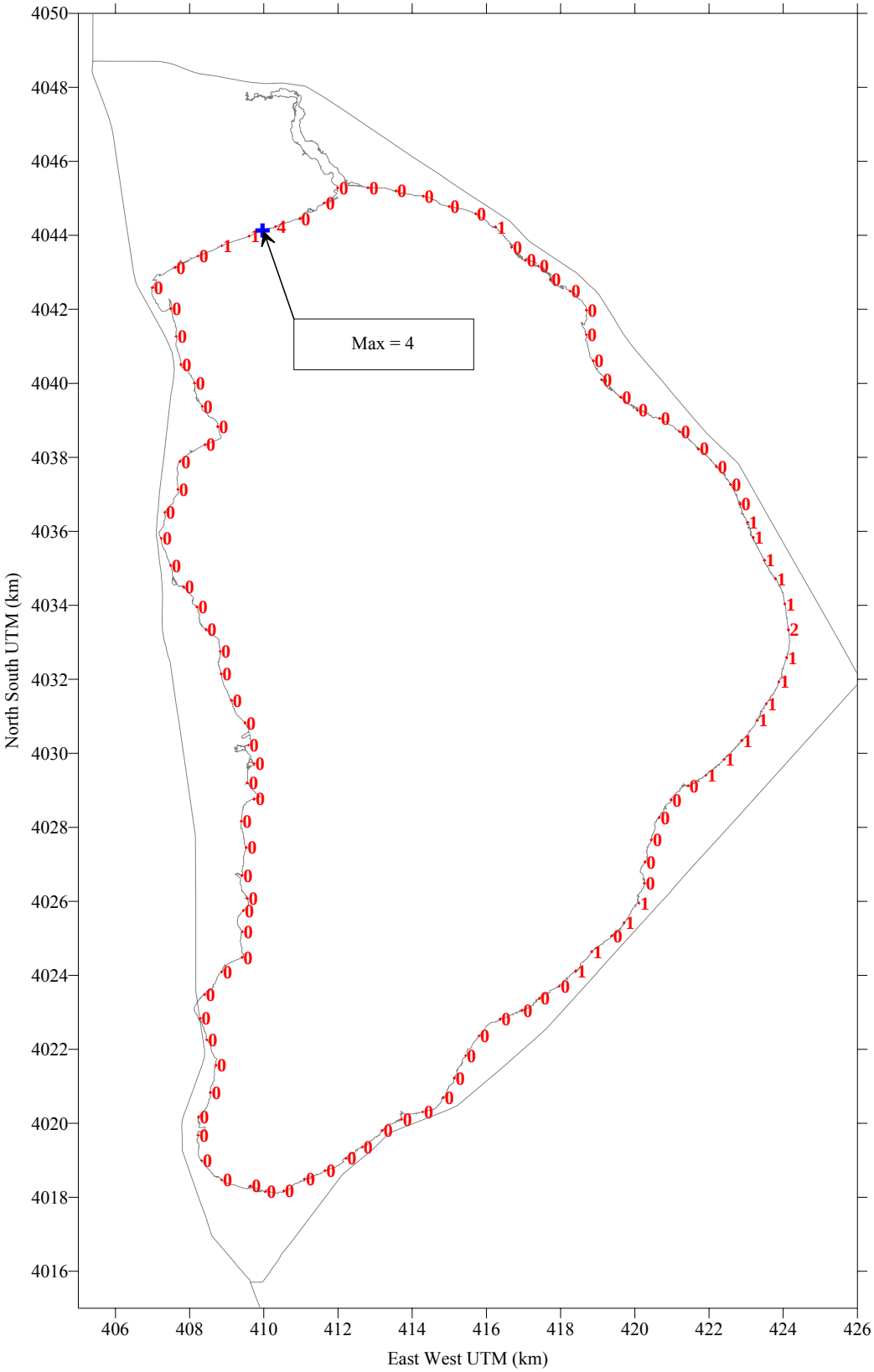


Figure 17 Number of 24-hour PM_{10} Predictions Greater than 150 µg/m^3 at Shoreline Receptors, No Keeler Dunes, After Controls (Every 4th Plotted)

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Appendix A: Source Area Configurations

Used for July 2002 through June 2003

Source Area Geometry for July 2002 to June 2003									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1	1891a	1891	North	407.875	4042.125	1097	250	250	0
2	1891b	1891	North	408.125	4042.125	1096	250	250	0
3	1891c	1891	North	408.375	4042.125	1095	250	250	0
4	1891d	1891	North	407.875	4042.375	1097	250	250	0
5	1891e	1891	North	408.125	4042.375	1096	250	250	0
6	1891f	1891	North	408.375	4042.375	1096	250	250	0
7	1891g	1891	North	408.125	4041.875	1096	250	250	0
8	1891h	1891	North	408.375	4041.875	1095	250	250	0
9	5449a	5449	Central	417.875	4026.125	1077	250	250	0
10	5449b	5449	Central	418.125	4026.125	1077	250	250	0
11	5449c	5449	Central	417.875	4026.375	1076	250	250	0
12	5449d	5449	Central	418.125	4026.375	1076	250	250	0
13	5449e	5449	Central	417.875	4026.625	1076	250	250	0
14	5449f	5449	Central	418.125	4026.625	1076	250	250	0
15	5449g	5449	Central	417.875	4026.875	1076	250	250	0
16	5449h	5449	Central	418.125	4026.875	1076	250	250	0
17	5681a	5681	Central	419.125	4025.875	1082	250	250	0
18	5681b	5681	Central	418.125	4025.625	1079	250	250	0
19	8681a	5681	Central	418.125	4025.875	1078	250	250	0
20	8681b	5681	Central	418.375	4025.875	1078	250	250	0
21	8681c	5681	Central	418.625	4025.875	1079	250	250	0
22	8681d	5681	Central	418.875	4025.875	1080	250	250	0
23	5829a	5829	South	410.125	4024.375	1084	250	250	0
24	5829b	5829	South	410.125	4024.625	1085	250	250	0
25	5829c	5829	South	410.125	4024.875	1085	250	250	0
26	7145a	7145	North	410.125	4043.125	1095	250	250	0
27	7145b	7145	North	410.375	4043.125	1094	250	250	0
28	7145c	7145	North	410.125	4043.375	1096	250	250	0
29	7145d	7145	North	410.375	4043.375	1095	250	250	0
30	7168a	7168	North	410.125	4042.125	1089	250	250	0
31	7168b	7168	North	410.375	4042.125	1089	250	250	0
32	7168c	7168	North	410.125	4042.375	1091	250	250	0
33	7168d	7168	North	410.375	4042.375	1091	250	250	0
34	7168e	7168	North	410.125	4042.625	1092	250	250	0
35	7168f	7168	North	410.375	4042.625	1092	250	250	0
36	7168g	7168	North	410.125	4042.875	1093	250	250	0
37	7168h	7168	North	410.375	4042.875	1093	250	250	0
38	7168i	7168	North	410.625	4042.125	1089	250	250	0
39	7168j	7168	North	410.625	4042.375	1091	250	250	0
40	7173a	7173	North	415.375	4042.625	1100	250	250	0
41	7173b	7173	North	415.625	4042.625	1100	250	250	0
42	7173c	7173	North	415.375	4042.875	1100	250	250	0
43	7173d	7173	North	415.625	4042.875	1101	250	250	0
44	7173e	7173	North	415.375	4043.125	1101	250	250	0

Source Area Geometry for July 2002 to June 2003									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
45	7173f	7173	North	415.625	4043.125	1102	250	250	0
46	7173g	7173	North	415.625	4042.375	1099	250	250	0
47	7174a	7174	North	416.625	4042.375	1102	250	250	0
48	7174b	7174	North	416.875	4042.375	1103	250	250	0
49	7174c	7174	North	416.625	4042.625	1104	250	250	0
50	7174d	7174	North	416.875	4042.625	1105	250	250	0
51	7174e	7174	North	416.625	4042.875	1105	250	250	0
52	7174f	7174	North	416.875	4042.875	1108	250	250	0
53	7174g	7174	North	416.125	4042.375	1101	250	250	0
54	7174h	7174	North	416.375	4042.375	1101	250	250	0
55	7175a	7175	North	417.125	4042.875	1111	250	250	0
56	7175b	7175	North	417.375	4042.875	1114	250	250	0
57	7175c	7175	North	417.125	4042.375	1104	250	250	0
58	7175d	7175	North	417.375	4042.375	1106	250	250	0
59	7175e	7175	North	417.625	4042.375	1107	250	250	0
60	7175f	7175	North	417.125	4042.625	1107	250	250	0
61	7175g	7175	North	417.375	4042.625	1109	250	250	0
62	7175h	7175	North	417.625	4042.625	1111	250	250	0
63	7191a	7191	North	410.125	4041.125	1082	250	250	0
64	7191b	7191	North	410.125	4041.375	1084	250	250	0
65	7191c	7191	North	410.125	4041.625	1086	250	250	0
66	7191d	7191	North	410.125	4041.875	1088	250	250	0
67	7191e	7191	North	410.375	4041.375	1084	250	250	0
68	7191f	7191	North	410.375	4041.625	1086	250	250	0
69	7191g	7191	North	410.375	4041.875	1087	250	250	0
70	7191h	7191	North	410.625	4041.625	1086	250	250	0
71	7191i	7191	North	410.875	4041.625	1087	250	250	0
72	7191j	7191	North	410.625	4041.875	1088	250	250	0
73	7191k	7191	North	410.875	4041.875	1089	250	250	0
74	7192a	7192	North	411.125	4041.125	1084	250	250	0
75	7192b	7192	North	411.375	4041.125	1085	250	250	0
76	7192c	7192	North	411.625	4041.125	1086	250	250	0
77	7192d	7192	North	411.875	4041.125	1087	250	250	0
78	7192e	7192	North	411.125	4041.375	1087	250	250	0
79	7192f	7192	North	411.375	4041.375	1088	250	250	0
80	7192g	7192	North	411.625	4041.375	1088	250	250	0
81	7192h	7192	North	411.875	4041.375	1089	250	250	0
82	7192i	7192	North	411.125	4041.625	1088	250	250	0
83	7192j	7192	North	411.375	4041.625	1089	250	250	0
84	7192k	7192	North	411.625	4041.625	1090	250	250	0
85	7192l	7192	North	411.875	4041.625	1090	250	250	0
86	7192m	7192	North	411.375	4041.875	1090	250	250	0
87	7192n	7192	North	412.125	4041.125	1088	250	250	0
88	7192o	7192	North	412.375	4041.125	1088	250	250	0

Source Area Geometry for July 2002 to June 2003									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
89	7192p	7192	North	412.625	4041.125	1089	250	250	0
90	7192q	7192	North	412.125	4041.375	1089	250	250	0
91	7192r	7192	North	412.375	4041.375	1090	250	250	0
92	7192s	7192	North	412.625	4041.375	1090	250	250	0
93	7192t	7192	North	412.875	4041.125	1089	250	250	0
94	7193a	7193	North	412.875	4041.375	1091	250	250	0
95	7193b	7193	North	413.125	4041.375	1091	250	250	0
96	7193c	7193	North	413.375	4041.125	1089	250	250	0
97	7193d	7193	North	413.625	4040.875	1087	250	250	0
98	7193e	7193	North	413.875	4040.625	1086	250	250	0
99	7193f	7193	North	414.125	4040.375	1084	250	250	0
100	7193g	7193	North	414.375	4039.875	1081	250	250	0
101	7193h	7193	North	414.375	4040.125	1082	250	250	0
102	7196a	7196	North	415.375	4041.125	1092	250	250	0
103	7196b	7196	North	415.625	4041.125	1093	250	250	0
104	7196c	7196	North	415.875	4041.125	1093	250	250	0
105	7196d	7196	North	415.375	4041.375	1094	250	250	0
106	7196e	7196	North	415.625	4041.375	1094	250	250	0
107	7196f	7196	North	415.875	4041.375	1095	250	250	0
108	7196g	7196	North	415.375	4041.625	1095	250	250	0
109	7196h	7196	North	415.625	4041.625	1096	250	250	0
110	7196i	7196	North	415.875	4041.625	1096	250	250	0
111	7196j	7196	North	415.375	4041.875	1096	250	250	0
112	7196k	7196	North	415.625	4041.875	1097	250	250	0
113	7196l	7196	North	415.875	4041.875	1098	250	250	0
114	7196m	7196	North	415.375	4042.125	1097	250	250	0
115	7196n	7196	North	415.625	4042.125	1098	250	250	0
116	7196o	7196	North	415.875	4042.125	1099	250	250	0
117	7196p	7196	North	415.125	4041.125	1092	250	250	0
118	7196q	7196	North	415.125	4041.375	1093	250	250	0
119	7197a	7197	North	416.125	4041.125	1094	250	250	0
120	7197b	7197	North	416.375	4041.125	1094	250	250	0
121	7197c	7197	North	416.625	4041.125	1095	250	250	0
122	7197d	7197	North	416.875	4041.125	1095	250	250	0
123	7197e	7197	North	416.125	4041.375	1095	250	250	0
124	7197f	7197	North	416.375	4041.375	1096	250	250	0
125	7197g	7197	North	416.625	4041.375	1096	250	250	0
126	7197h	7197	North	416.875	4041.375	1097	250	250	0
127	7197i	7197	North	416.125	4041.625	1097	250	250	0
128	7197j	7197	North	416.375	4041.625	1098	250	250	0
129	7197k	7197	North	416.625	4041.625	1098	250	250	0
130	7197l	7197	North	416.875	4041.625	1098	250	250	0
131	7197m	7197	North	416.125	4041.875	1098	250	250	0
132	7197n	7197	North	416.375	4041.875	1099	250	250	0

Source Area Geometry for July 2002 to June 2003									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
133	7197o	7197	North	416.625	4041.875	1099	250	250	0
134	7197p	7197	North	416.875	4041.875	1100	250	250	0
135	7197q	7197	North	416.125	4042.125	1099	250	250	0
136	7197r	7197	North	416.375	4042.125	1100	250	250	0
137	7197s	7197	North	416.625	4042.125	1101	250	250	0
138	7197t	7197	North	416.875	4042.125	1102	250	250	0
139	7198a	7198	North	417.125	4042.125	1103	250	250	0
140	7198b	7198	North	417.375	4042.125	1104	250	250	0
141	7198c	7198	North	417.625	4042.125	1105	250	250	0
142	7198d	7198	North	417.125	4041.125	1096	250	250	0
143	7198e	7198	North	417.375	4041.125	1096	250	250	0
144	7198f	7198	North	417.625	4041.125	1097	250	250	0
145	7198g	7198	North	417.875	4041.125	1098	250	250	0
146	7198h	7198	North	417.125	4041.375	1097	250	250	0
147	7198i	7198	North	417.375	4041.375	1098	250	250	0
148	7198j	7198	North	417.625	4041.375	1098	250	250	0
149	7198k	7198	North	417.875	4041.375	1099	250	250	0
150	7198l	7198	North	417.125	4041.625	1099	250	250	0
151	7198m	7198	North	417.375	4041.625	1099	250	250	0
152	7198n	7198	North	417.625	4041.625	1100	250	250	0
153	7198o	7198	North	417.875	4041.625	1101	250	250	0
154	7198p	7198	North	417.125	4041.875	1101	250	250	0
155	7198q	7198	North	417.375	4041.875	1101	250	250	0
156	7198r	7198	North	417.625	4041.875	1102	250	250	0
157	7198s	7198	North	417.875	4041.875	1104	250	250	0
158	7198t	7198	North	418.125	4041.125	1099	250	250	0
159	7199a	7199	North	418.125	4041.375	1101	250	250	0
160	7199b	7199	North	418.375	4041.375	1102	250	250	0
161	7199c	7199	North	418.625	4041.375	1107	250	250	0
162	7199d	7199	North	418.125	4041.625	1103	250	250	0
163	7199e	7199	North	418.375	4041.625	1104	250	250	0
164	7199f	7199	North	418.625	4041.625	1110	250	250	0
165	7199g	7199	North	418.125	4041.875	1105	250	250	0
166	7199h	7199	North	418.375	4041.875	1107	250	250	0
167	7199i	7199	North	418.625	4041.875	1113	250	250	0
168	7199j	7199	North	418.125	4042.125	1108	250	250	0
169	7199k	7199	North	418.375	4042.125	1109	250	250	0
170	7199l	7199	North	418.625	4042.125	1115	250	250	0
171	7199m	7199	North	418.375	4041.125	1100	250	250	0
172	7199n	7199	North	418.625	4041.125	1105	250	250	0
173	7199o	7199	North	417.875	4042.125	1106	250	250	0
174	7199p	7199	North	418.125	4042.375	1110	250	250	0
175	7199q	7199	North	418.375	4042.375	1112	250	250	0
176	7214a	7214	North	410.375	4040.875	1080	250	250	0

Source Area Geometry for July 2002 to June 2003									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
177	7214b	7214	North	410.625	4040.875	1080	250	250	0
178	7214c	7214	North	410.875	4040.875	1081	250	250	0
179	7214d	7214	North	410.375	4041.125	1082	250	250	0
180	7214e	7214	North	410.625	4041.125	1082	250	250	0
181	7214f	7214	North	410.875	4041.125	1083	250	250	0
182	7214g	7214	North	410.625	4041.375	1084	250	250	0
183	7214h	7214	North	410.875	4041.375	1085	250	250	0
184	7215a	7215	North	411.125	4040.625	1080	250	250	0
185	7215b	7215	North	411.375	4040.625	1081	250	250	0
186	7215c	7215	North	411.625	4040.625	1082	250	250	0
187	7215d	7215	North	411.875	4040.625	1083	250	250	0
188	7215e	7215	North	411.125	4040.875	1082	250	250	0
189	7215f	7215	North	411.375	4040.875	1083	250	250	0
190	7215g	7215	North	411.625	4040.875	1084	250	250	0
191	7215h	7215	North	411.875	4040.875	1085	250	250	0
192	7215i	7215	North	411.875	4040.375	1081	250	250	0
193	7216a	7216	North	412.125	4040.375	1082	250	250	0
194	7216b	7216	North	412.375	4040.375	1084	250	250	0
195	7216c	7216	North	412.625	4040.375	1084	250	250	0
196	7216d	7216	North	412.875	4040.375	1084	250	250	0
197	7216e	7216	North	412.125	4040.625	1084	250	250	0
198	7216f	7216	North	412.375	4040.625	1085	250	250	0
199	7216g	7216	North	412.625	4040.625	1086	250	250	0
200	7216h	7216	North	412.875	4040.625	1086	250	250	0
201	7216i	7216	North	412.125	4040.875	1086	250	250	0
202	7216j	7216	North	412.375	4040.875	1087	250	250	0
203	7216k	7216	North	412.625	4040.875	1087	250	250	0
204	7216l	7216	North	412.875	4040.875	1087	250	250	0
205	7216m	7216	North	412.375	4040.125	1082	250	250	0
206	7216n	7216	North	412.625	4040.125	1082	250	250	0
207	7216o	7216	North	412.875	4040.125	1082	250	250	0
208	7217a	7217	North	413.125	4041.125	1089	250	250	0
209	7217b	7217	North	413.125	4039.875	1081	250	250	0
210	7217c	7217	North	413.375	4039.875	1081	250	250	0
211	7217d	7217	North	413.125	4040.125	1082	250	250	0
212	7217e	7217	North	413.375	4040.125	1082	250	250	0
213	7217f	7217	North	413.125	4040.375	1084	250	250	0
214	7217g	7217	North	413.375	4040.375	1084	250	250	0
215	7217h	7217	North	413.125	4040.625	1086	250	250	0
216	7217i	7217	North	413.375	4040.625	1085	250	250	0
217	7217j	7217	North	413.125	4040.875	1087	250	250	0
218	7217k	7217	North	413.375	4040.875	1087	250	250	0
219	7217l	7217	North	413.625	4040.625	1085	250	250	0
220	7217m	7217	North	413.625	4039.875	1081	250	250	0

Source Area Geometry for July 2002 to June 2003									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
221	7217n	7217	North	413.875	4039.875	1081	250	250	0
222	7217o	7217	North	413.625	4040.125	1082	250	250	0
223	7217p	7217	North	413.875	4040.125	1082	250	250	0
224	7217q	7217	North	413.625	4040.375	1084	250	250	0
225	7217r	7217	North	413.875	4040.375	1084	250	250	0
226	7217s	7217	North	413.875	4039.625	1079	250	250	0
227	7219a	7219	North	415.125	4040.375	1087	250	250	0
228	7219b	7219	North	415.375	4040.375	1087	250	250	0
229	7219c	7219	North	415.625	4040.375	1088	250	250	0
230	7219d	7219	North	415.875	4040.375	1088	250	250	0
231	7219e	7219	North	415.125	4040.625	1088	250	250	0
232	7219f	7219	North	415.375	4040.625	1089	250	250	0
233	7219g	7219	North	415.625	4040.625	1090	250	250	0
234	7219h	7219	North	415.875	4040.625	1090	250	250	0
235	7219i	7219	North	415.125	4040.875	1090	250	250	0
236	7219j	7219	North	415.375	4040.875	1091	250	250	0
237	7219k	7219	North	415.625	4040.875	1091	250	250	0
238	7219l	7219	North	415.875	4040.875	1092	250	250	0
239	7219m	7219	North	415.375	4039.875	1083	250	250	0
240	7219n	7219	North	415.625	4039.875	1084	250	250	0
241	7219o	7219	North	415.875	4039.875	1084	250	250	0
242	7219p	7219	North	415.375	4040.125	1085	250	250	0
243	7219q	7219	North	415.625	4040.125	1086	250	250	0
244	7219r	7219	North	415.875	4040.125	1086	250	250	0
245	7219s	7219	North	415.625	4039.625	1082	250	250	0
246	7219t	7219	North	415.875	4039.625	1082	250	250	0
247	7219u	7219	North	415.875	4039.375	1081	250	250	0
248	7220a	7220	North	416.125	4040.125	1087	250	250	0
249	7220b	7220	North	416.375	4040.125	1087	250	250	0
250	7220c	7220	North	416.625	4040.125	1088	250	250	0
251	7220d	7220	North	416.875	4040.125	1089	250	250	0
252	7220e	7220	North	416.125	4040.375	1089	250	250	0
253	7220f	7220	North	416.375	4040.375	1089	250	250	0
254	7220g	7220	North	416.625	4040.375	1090	250	250	0
255	7220h	7220	North	416.875	4040.375	1090	250	250	0
256	7220i	7220	North	416.125	4040.625	1091	250	250	0
257	7220j	7220	North	416.375	4040.625	1091	250	250	0
258	7220k	7220	North	416.625	4040.625	1091	250	250	0
259	7220l	7220	North	416.875	4040.625	1092	250	250	0
260	7220m	7220	North	416.125	4040.875	1092	250	250	0
261	7220n	7220	North	416.375	4040.875	1093	250	250	0
262	7220o	7220	North	416.625	4040.875	1093	250	250	0
263	7220p	7220	North	416.875	4040.875	1094	250	250	0
264	7221a	7221	North	417.125	4040.125	1089	250	250	0

Source Area Geometry for July 2002 to June 2003									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
265	7221b	7221	North	417.375	4040.125	1090	250	250	0
266	7221c	7221	North	417.625	4040.125	1091	250	250	0
267	7221d	7221	North	417.875	4040.125	1091	250	250	0
268	7221e	7221	North	418.125	4040.125	1092	250	250	0
269	7221f	7221	North	417.125	4040.375	1091	250	250	0
270	7221g	7221	North	417.375	4040.375	1092	250	250	0
271	7221h	7221	North	417.625	4040.375	1092	250	250	0
272	7221i	7221	North	417.875	4040.375	1093	250	250	0
273	7221j	7221	North	418.125	4040.375	1094	250	250	0
274	7221k	7221	North	417.125	4040.625	1093	250	250	0
275	7221l	7221	North	417.375	4040.625	1093	250	250	0
276	7221m	7221	North	417.625	4040.625	1094	250	250	0
277	7221n	7221	North	417.875	4040.625	1095	250	250	0
278	7221o	7221	North	418.125	4040.625	1095	250	250	0
279	7221p	7221	North	417.125	4040.875	1094	250	250	0
280	7221q	7221	North	417.375	4040.875	1095	250	250	0
281	7221r	7221	North	417.625	4040.875	1095	250	250	0
282	7221s	7221	North	417.875	4040.875	1096	250	250	0
283	7221t	7221	North	418.125	4040.875	1097	250	250	0
284	7221u	7221	North	418.375	4040.125	1093	250	250	0
285	7221v	7221	North	418.375	4040.375	1094	250	250	0
286	7221w	7221	North	418.375	4040.625	1096	250	250	0
287	7221x	7221	North	418.625	4040.125	1095	250	250	0
288	7222a	7222	North	418.375	4040.875	1098	250	250	0
289	7222b	7222	North	418.625	4040.375	1097	250	250	0
290	7222c	7222	North	418.625	4040.625	1100	250	250	0
291	7222d	7222	North	418.625	4040.875	1102	250	250	0
292	7223a	7223	K Dunes	419.125	4040.375	1108	250	250	0
293	7223b	7223	K Dunes	419.375	4040.375	1113	250	250	0
294	7223c	7223	K Dunes	419.625	4040.375	1119	250	250	0
295	7223d	7223	K Dunes	419.875	4040.375	1126	250	250	0
296	7223e	7223	K Dunes	419.125	4040.625	1112	250	250	0
297	7223f	7223	K Dunes	419.375	4040.625	1119	250	250	0
298	7223g	7223	K Dunes	419.625	4040.625	1126	250	250	0
299	7223h	7223	K Dunes	419.875	4040.625	1134	250	250	0
300	7223i	7223	K Dunes	419.125	4040.875	1117	250	250	0
301	7223j	7223	K Dunes	419.375	4040.875	1124	250	250	0
302	7223k	7223	K Dunes	419.625	4040.875	1132	250	250	0
303	7223l	7223	K Dunes	419.875	4040.875	1142	250	250	0
304	7223m	7223	K Dunes	419.375	4040.125	1108	250	250	0
305	7223n	7223	K Dunes	419.625	4040.125	1113	250	250	0
306	7223o	7223	K Dunes	419.875	4040.125	1119	250	250	0
307	7223p	7223	K Dunes	419.625	4039.875	1106	250	250	0
308	7223q	7223	K Dunes	419.875	4039.875	1111	250	250	0

Source Area Geometry for July 2002 to June 2003									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
309	7223r	7223	K Dunes	419.875	4039.625	1104	250	250	0
310	7240a	7240	North	413.625	4039.375	1078	250	250	0
311	7240b	7240	North	413.875	4039.375	1078	250	250	0
312	7240c	7240	North	412.875	4039.625	1079	250	250	0
313	7240d	7240	North	413.125	4039.625	1079	250	250	0
314	7240e	7240	North	413.375	4039.625	1079	250	250	0
315	7240f	7240	North	413.625	4039.625	1079	250	250	0
316	7240g	7240	North	412.125	4039.875	1079	250	250	0
317	7240h	7240	North	412.375	4039.875	1080	250	250	0
318	7240i	7240	North	412.625	4039.875	1081	250	250	0
319	7240j	7240	North	412.875	4039.875	1081	250	250	0
320	7240k	7240	North	411.625	4040.125	1078	250	250	0
321	7240l	7240	North	411.875	4040.125	1079	250	250	0
322	7240m	7240	North	412.125	4040.125	1081	250	250	0
323	7240n	7240	North	410.875	4040.375	1077	250	250	0
324	7240o	7240	North	411.125	4040.375	1078	250	250	0
325	7240p	7240	North	411.375	4040.375	1079	250	250	0
326	7240q	7240	North	411.625	4040.375	1080	250	250	0
327	7240r	7240	North	410.625	4040.625	1077	250	250	0
328	7240s	7240	North	410.875	4040.625	1079	250	250	0
329	7241a	7241	North	414.125	4039.625	1079	250	250	0
330	7241b	7241	North	414.125	4039.875	1081	250	250	0
331	7241c	7241	North	414.125	4040.125	1082	250	250	0
332	7241d	7241	North	414.375	4039.375	1078	250	250	0
333	7241e	7241	North	414.375	4039.625	1079	250	250	0
334	7242a	7242	North	415.125	4039.375	1079	250	250	0
335	7242b	7242	North	415.125	4039.625	1080	250	250	0
336	7242c	7242	North	415.125	4039.875	1082	250	250	0
337	7242d	7242	North	415.125	4040.125	1084	250	250	0
338	7242e	7242	North	415.375	4039.375	1079	250	250	0
339	7242f	7242	North	415.375	4039.625	1081	250	250	0
340	7242g	7242	North	415.625	4039.375	1080	250	250	0
341	7242h	7242	North	415.875	4039.125	1080	250	250	0
342	7242i	7242	North	416.125	4038.875	1080	250	250	0
343	7242j	7242	North	414.875	4040.125	1084	250	250	0
344	7242k	7242	North	414.875	4040.375	1086	250	250	0
345	7242l	7242	North	414.875	4040.625	1088	250	250	0
346	7242m	7242	North	414.875	4040.875	1089	250	250	0
347	7242n	7242	North	414.875	4041.125	1091	250	250	0
348	7242o	7242	North	414.875	4041.375	1093	250	250	0
349	7243a	7243	North	416.125	4039.125	1081	250	250	0
350	7243b	7243	North	416.375	4039.125	1081	250	250	0
351	7243c	7243	North	416.625	4039.125	1082	250	250	0
352	7243d	7243	North	416.875	4039.125	1083	250	250	0

Source Area Geometry for July 2002 to June 2003									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
353	7243e	7243	North	416.125	4039.375	1082	250	250	0
354	7243f	7243	North	416.375	4039.375	1083	250	250	0
355	7243g	7243	North	416.625	4039.375	1083	250	250	0
356	7243h	7243	North	416.875	4039.375	1084	250	250	0
357	7243i	7243	North	416.125	4039.625	1083	250	250	0
358	7243j	7243	North	416.375	4039.625	1084	250	250	0
359	7243k	7243	North	416.625	4039.625	1085	250	250	0
360	7243l	7243	North	416.875	4039.625	1085	250	250	0
361	7243m	7243	North	416.125	4039.875	1085	250	250	0
362	7243n	7243	North	416.375	4039.875	1086	250	250	0
363	7243o	7243	North	416.625	4039.875	1086	250	250	0
364	7243p	7243	North	416.875	4039.875	1087	250	250	0
365	7244a	7244	North	417.125	4039.125	1083	250	250	0
366	7244b	7244	North	417.375	4039.125	1084	250	250	0
367	7244c	7244	North	417.625	4039.125	1085	250	250	0
368	7244d	7244	North	417.875	4039.125	1085	250	250	0
369	7244e	7244	North	417.125	4039.375	1085	250	250	0
370	7244f	7244	North	417.375	4039.375	1085	250	250	0
371	7244g	7244	North	417.625	4039.375	1086	250	250	0
372	7244h	7244	North	417.875	4039.375	1087	250	250	0
373	7244i	7244	North	417.125	4039.625	1086	250	250	0
374	7244j	7244	North	417.375	4039.625	1087	250	250	0
375	7244k	7244	North	417.625	4039.625	1087	250	250	0
376	7244l	7244	North	417.875	4039.625	1088	250	250	0
377	7244m	7244	North	417.125	4039.875	1088	250	250	0
378	7244n	7244	North	417.375	4039.875	1088	250	250	0
379	7244o	7244	North	417.625	4039.875	1089	250	250	0
380	7244p	7244	North	417.875	4039.875	1090	250	250	0
381	7245a	7245	North	418.125	4039.125	1086	250	250	0
382	7245b	7245	North	418.375	4039.125	1086	250	250	0
383	7245c	7245	North	418.625	4039.125	1087	250	250	0
384	7245d	7245	North	418.875	4039.125	1088	250	250	0
385	7245e	7245	North	418.125	4039.375	1087	250	250	0
386	7245f	7245	North	418.375	4039.375	1088	250	250	0
387	7245g	7245	North	418.625	4039.375	1089	250	250	0
388	7245h	7245	North	418.875	4039.375	1090	250	250	0
389	7245i	7245	North	418.125	4039.625	1089	250	250	0
390	7245j	7245	North	418.375	4039.625	1089	250	250	0
391	7245k	7245	North	418.625	4039.625	1091	250	250	0
392	7245l	7245	North	418.875	4039.625	1093	250	250	0
393	7245m	7245	North	418.125	4039.875	1090	250	250	0
394	7245n	7245	North	418.375	4039.875	1091	250	250	0
395	7245o	7245	North	418.625	4039.875	1093	250	250	0
396	7245p	7245	North	418.875	4039.875	1096	250	250	0

Source Area Geometry for July 2002 to June 2003									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
397	7246a	7246	North	419.125	4039.125	1090	250	250	0
398	7246b	7246	North	419.375	4039.125	1091	250	250	0
399	7246c	7246	North	419.125	4039.375	1092	250	250	0
400	7246d	7246	North	419.375	4039.375	1093	250	250	0
401	7246e	7246	North	419.125	4039.625	1095	250	250	0
402	7246f	7246	North	419.375	4039.625	1097	250	250	0
403	7246g	7246	North	419.125	4039.875	1099	250	250	0
404	7246h	7246	North	419.375	4039.875	1102	250	250	0
405	7246i	7246	North	419.625	4039.125	1093	250	250	0
406	7246j	7246	North	419.625	4039.375	1095	250	250	0
407	7246k	7246	North	419.625	4039.625	1100	250	250	0
408	7246l	7246	North	419.875	4039.125	1095	250	250	0
409	7246m	7246	North	419.875	4039.375	1099	250	250	0
410	7246n	7246	North	420.125	4039.125	1098	250	250	0
411	7247a	7247	K Dunes	420.125	4039.375	1102	250	250	0
412	7247b	7247	K Dunes	420.375	4039.375	1105	250	250	0
413	7247c	7247	K Dunes	420.625	4039.375	1110	250	250	0
414	7247d	7247	K Dunes	420.875	4039.375	1116	250	250	0
415	7247e	7247	K Dunes	420.125	4039.625	1108	250	250	0
416	7247f	7247	K Dunes	420.375	4039.625	1112	250	250	0
417	7247g	7247	K Dunes	420.625	4039.625	1118	250	250	0
418	7247h	7247	K Dunes	420.875	4039.625	1124	250	250	0
419	7247i	7247	K Dunes	420.125	4039.875	1116	250	250	0
420	7247j	7247	K Dunes	420.375	4039.875	1121	250	250	0
421	7247k	7247	K Dunes	420.625	4039.875	1127	250	250	0
422	7247l	7247	K Dunes	420.875	4039.875	1135	250	250	0
423	7247m	7247	K Dunes	420.375	4039.125	1101	250	250	0
424	7247n	7247	K Dunes	420.875	4039.125	1110	250	250	0
425	7247o	7247	K Dunes	420.125	4040.125	1125	250	250	0
426	7247p	7247	K Dunes	420.125	4040.375	1133	250	250	0
427	7247q	7247	K Dunes	420.375	4040.125	1130	250	250	0
428	7267a	7267	North	417.125	4038.125	1079	250	250	0
429	7267b	7267	North	417.375	4038.125	1080	250	250	0
430	7267c	7267	North	417.625	4038.125	1080	250	250	0
431	7267d	7267	North	417.875	4038.125	1080	250	250	0
432	7267e	7267	North	417.125	4038.375	1080	250	250	0
433	7267f	7267	North	417.375	4038.375	1081	250	250	0
434	7267g	7267	North	417.625	4038.375	1081	250	250	0
435	7267h	7267	North	417.875	4038.375	1081	250	250	0
436	7267i	7267	North	417.125	4038.625	1081	250	250	0
437	7267j	7267	North	417.375	4038.625	1082	250	250	0
438	7267k	7267	North	417.625	4038.625	1082	250	250	0
439	7267l	7267	North	417.875	4038.625	1082	250	250	0
440	7267m	7267	North	417.125	4038.875	1082	250	250	0

Source Area Geometry for July 2002 to June 2003									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
441	7267n	7267	North	417.375	4038.875	1083	250	250	0
442	7267o	7267	North	417.625	4038.875	1083	250	250	0
443	7267p	7267	North	417.875	4038.875	1084	250	250	0
444	7267q	7267	North	416.375	4038.875	1080	250	250	0
445	7267r	7267	North	416.625	4038.625	1080	250	250	0
446	7267s	7267	North	416.625	4038.875	1081	250	250	0
447	7267t	7267	North	416.875	4038.375	1080	250	250	0
448	7267u	7267	North	416.875	4038.625	1080	250	250	0
449	7267v	7267	North	416.875	4038.875	1082	250	250	0
450	7268a	7268	North	418.125	4038.125	1081	250	250	0
451	7268b	7268	North	418.375	4038.125	1081	250	250	0
452	7268c	7268	North	418.625	4038.125	1082	250	250	0
453	7268d	7268	North	418.875	4038.125	1082	250	250	0
454	7268e	7268	North	418.125	4038.375	1082	250	250	0
455	7268f	7268	North	418.375	4038.375	1082	250	250	0
456	7268g	7268	North	418.625	4038.375	1083	250	250	0
457	7268h	7268	North	418.875	4038.375	1083	250	250	0
458	7268i	7268	North	418.125	4038.625	1083	250	250	0
459	7268j	7268	North	418.375	4038.625	1083	250	250	0
460	7268k	7268	North	418.625	4038.625	1084	250	250	0
461	7268l	7268	North	418.875	4038.625	1085	250	250	0
462	7268m	7268	North	418.125	4038.875	1084	250	250	0
463	7268n	7268	North	418.375	4038.875	1085	250	250	0
464	7268o	7268	North	418.625	4038.875	1086	250	250	0
465	7268p	7268	North	418.875	4038.875	1087	250	250	0
466	7269a	7269	North	419.125	4038.125	1083	250	250	0
467	7269b	7269	North	419.375	4038.125	1083	250	250	0
468	7269c	7269	North	419.625	4038.125	1084	250	250	0
469	7269d	7269	North	419.875	4038.125	1085	250	250	0
470	7269e	7269	North	419.125	4038.375	1084	250	250	0
471	7269f	7269	North	419.375	4038.375	1085	250	250	0
472	7269g	7269	North	419.625	4038.375	1085	250	250	0
473	7269h	7269	North	419.875	4038.375	1086	250	250	0
474	7269i	7269	North	419.125	4038.625	1086	250	250	0
475	7269j	7269	North	419.375	4038.625	1086	250	250	0
476	7269k	7269	North	419.625	4038.625	1087	250	250	0
477	7269l	7269	North	419.875	4038.625	1089	250	250	0
478	7269m	7269	North	419.125	4038.875	1088	250	250	0
479	7269n	7269	North	419.375	4038.875	1089	250	250	0
480	7269o	7269	North	419.625	4038.875	1090	250	250	0
481	7269p	7269	North	419.875	4038.875	1092	250	250	0
482	7270a	7270	North	420.125	4038.125	1086	250	250	0
483	7270b	7270	North	420.375	4038.125	1087	250	250	0
484	7270c	7270	North	420.125	4038.375	1088	250	250	0

Source Area Geometry for July 2002 to June 2003									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
485	7270d	7270	North	420.375	4038.375	1089	250	250	0
486	7270e	7270	North	420.125	4038.625	1090	250	250	0
487	7270f	7270	North	420.375	4038.625	1092	250	250	0
488	7270g	7270	North	420.125	4038.875	1094	250	250	0
489	7270h	7270	North	420.375	4038.875	1096	250	250	0
490	7270i	7270	North	420.625	4038.125	1088	250	250	0
491	7270j	7270	North	420.625	4038.375	1090	250	250	0
492	7270k	7270	North	420.625	4038.625	1094	250	250	0
493	7270l	7270	North	420.875	4038.125	1090	250	250	0
494	7270m	7270	North	421.125	4038.125	1093	250	250	0
495	7270n	7270	North	420.875	4038.375	1093	250	250	0
496	7270o	7270	North	421.125	4038.375	1096	250	250	0
497	7291a	7291	North	418.125	4037.125	1077	250	250	0
498	7291b	7291	North	418.375	4037.125	1077	250	250	0
499	7291c	7291	North	418.625	4037.125	1078	250	250	0
500	7291d	7291	North	418.875	4037.125	1078	250	250	0
501	7291e	7291	North	418.125	4037.375	1078	250	250	0
502	7291f	7291	North	418.375	4037.375	1078	250	250	0
503	7291g	7291	North	418.625	4037.375	1079	250	250	0
504	7291h	7291	North	418.875	4037.375	1079	250	250	0
505	7291i	7291	North	418.125	4037.625	1079	250	250	0
506	7291j	7291	North	418.375	4037.625	1079	250	250	0
507	7291k	7291	North	418.625	4037.625	1080	250	250	0
508	7291l	7291	North	418.875	4037.625	1080	250	250	0
509	7291m	7291	North	418.125	4037.875	1080	250	250	0
510	7291n	7291	North	418.375	4037.875	1080	250	250	0
511	7291o	7291	North	418.625	4037.875	1081	250	250	0
512	7291p	7291	North	418.875	4037.875	1081	250	250	0
513	7291q	7291	North	417.375	4037.875	1079	250	250	0
514	7291r	7291	North	417.625	4037.625	1078	250	250	0
515	7291s	7291	North	417.625	4037.875	1079	250	250	0
516	7291t	7291	North	417.875	4037.375	1078	250	250	0
517	7291u	7291	North	417.875	4037.625	1079	250	250	0
518	7291v	7291	North	417.875	4037.875	1080	250	250	0
519	7292a	7292	North	419.125	4037.125	1079	250	250	0
520	7292b	7292	North	419.375	4037.125	1079	250	250	0
521	7292c	7292	North	419.625	4037.125	1080	250	250	0
522	7292d	7292	North	419.875	4037.125	1080	250	250	0
523	7292e	7292	North	419.125	4037.375	1080	250	250	0
524	7292f	7292	North	419.375	4037.375	1080	250	250	0
525	7292g	7292	North	419.625	4037.375	1080	250	250	0
526	7292h	7292	North	419.875	4037.375	1081	250	250	0
527	7292i	7292	North	419.125	4037.625	1080	250	250	0
528	7292j	7292	North	419.375	4037.625	1081	250	250	0

Source Area Geometry for July 2002 to June 2003									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
529	7292k	7292	North	419.625	4037.625	1081	250	250	0
530	7292l	7292	North	419.875	4037.625	1082	250	250	0
531	7292m	7292	North	419.125	4037.875	1082	250	250	0
532	7292n	7292	North	419.375	4037.875	1082	250	250	0
533	7292o	7292	North	419.625	4037.875	1083	250	250	0
534	7292p	7292	North	419.875	4037.875	1083	250	250	0
535	7293a	7293	North	420.125	4037.125	1080	250	250	0
536	7293b	7293	North	420.375	4037.125	1081	250	250	0
537	7293c	7293	North	420.625	4037.125	1081	250	250	0
538	7293d	7293	North	420.875	4037.125	1082	250	250	0
539	7293e	7293	North	420.125	4037.375	1081	250	250	0
540	7293f	7293	North	420.375	4037.375	1082	250	250	0
541	7293g	7293	North	420.625	4037.375	1082	250	250	0
542	7293h	7293	North	420.875	4037.375	1083	250	250	0
543	7293i	7293	North	420.125	4037.625	1082	250	250	0
544	7293j	7293	North	420.375	4037.625	1083	250	250	0
545	7293k	7293	North	420.625	4037.625	1084	250	250	0
546	7293l	7293	North	420.875	4037.625	1085	250	250	0
547	7293m	7293	North	420.125	4037.875	1084	250	250	0
548	7293n	7293	North	420.375	4037.875	1085	250	250	0
549	7293o	7293	North	420.625	4037.875	1086	250	250	0
550	7293p	7293	North	420.875	4037.875	1088	250	250	0
551	7294a	7294	North	421.125	4037.125	1083	250	250	0
552	7294b	7294	North	421.375	4037.125	1083	250	250	0
553	7294c	7294	North	421.625	4037.125	1085	250	250	0
554	7294d	7294	North	421.125	4037.375	1084	250	250	0
555	7294e	7294	North	421.375	4037.375	1085	250	250	0
556	7294f	7294	North	421.625	4037.375	1086	250	250	0
557	7294g	7294	North	421.125	4037.625	1086	250	250	0
558	7294h	7294	North	421.375	4037.625	1087	250	250	0
559	7294i	7294	North	421.625	4037.625	1089	250	250	0
560	7294j	7294	North	421.125	4037.875	1089	250	250	0
561	7294k	7294	North	421.375	4037.875	1091	250	250	0
562	7294l	7294	North	421.625	4037.875	1094	250	250	0
563	7294m	7294	North	421.875	4037.125	1086	250	250	0
564	7294n	7294	North	421.875	4037.375	1088	250	250	0
565	7314a	7314	Central	418.125	4036.625	1075	250	250	0
566	7314b	7314	Central	418.125	4036.875	1076	250	250	0
567	7314c	7314	Central	418.375	4036.125	1075	250	250	0
568	7314d	7314	Central	418.625	4036.125	1076	250	250	0
569	7314e	7314	Central	418.875	4036.125	1076	250	250	0
570	7314f	7314	Central	418.375	4036.375	1075	250	250	0
571	7314g	7314	Central	418.625	4036.375	1076	250	250	0
572	7314h	7314	Central	418.875	4036.375	1076	250	250	0

Source Area Geometry for July 2002 to June 2003									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
573	7314i	7314	Central	418.375	4036.625	1075	250	250	0
574	7314j	7314	Central	418.625	4036.625	1076	250	250	0
575	7314k	7314	Central	418.875	4036.625	1077	250	250	0
576	7314l	7314	Central	418.375	4036.875	1076	250	250	0
577	7314m	7314	Central	418.625	4036.875	1077	250	250	0
578	7314n	7314	Central	418.875	4036.875	1077	250	250	0
579	7315a	7315	Central	419.125	4036.125	1077	250	250	0
580	7315b	7315	Central	419.375	4036.125	1078	250	250	0
581	7315c	7315	Central	419.625	4036.125	1078	250	250	0
582	7315d	7315	Central	419.875	4036.125	1078	250	250	0
583	7315e	7315	Central	419.125	4036.375	1077	250	250	0
584	7315f	7315	Central	419.375	4036.375	1078	250	250	0
585	7315g	7315	Central	419.625	4036.375	1078	250	250	0
586	7315h	7315	Central	419.875	4036.375	1078	250	250	0
587	7315i	7315	Central	419.125	4036.625	1077	250	250	0
588	7315j	7315	Central	419.375	4036.625	1078	250	250	0
589	7315k	7315	Central	419.625	4036.625	1078	250	250	0
590	7315l	7315	Central	419.875	4036.625	1079	250	250	0
591	7315m	7315	Central	419.125	4036.875	1078	250	250	0
592	7315n	7315	Central	419.375	4036.875	1079	250	250	0
593	7315o	7315	Central	419.625	4036.875	1079	250	250	0
594	7315p	7315	Central	419.875	4036.875	1079	250	250	0
595	7316a	7316	North	420.125	4036.125	1079	250	250	0
596	7316b	7316	North	420.375	4036.125	1079	250	250	0
597	7316c	7316	North	420.625	4036.125	1080	250	250	0
598	7316d	7316	North	420.875	4036.125	1080	250	250	0
599	7316e	7316	North	420.125	4036.375	1079	250	250	0
600	7316f	7316	North	420.375	4036.375	1079	250	250	0
601	7316g	7316	North	420.625	4036.375	1079	250	250	0
602	7316h	7316	North	420.875	4036.375	1080	250	250	0
603	7316i	7316	North	420.125	4036.625	1079	250	250	0
604	7316j	7316	North	420.375	4036.625	1079	250	250	0
605	7316k	7316	North	420.625	4036.625	1080	250	250	0
606	7316l	7316	North	420.875	4036.625	1080	250	250	0
607	7316m	7316	North	420.125	4036.875	1080	250	250	0
608	7316n	7316	North	420.375	4036.875	1080	250	250	0
609	7316o	7316	North	420.625	4036.875	1081	250	250	0
610	7316p	7316	North	420.875	4036.875	1081	250	250	0
611	7317a	7317	North	421.125	4036.125	1081	250	250	0
612	7317b	7317	North	421.375	4036.125	1081	250	250	0
613	7317c	7317	North	421.625	4036.125	1082	250	250	0
614	7317d	7317	North	421.875	4036.125	1082	250	250	0
615	7317e	7317	North	422.125	4036.125	1083	250	250	0
616	7317f	7317	North	421.125	4036.375	1080	250	250	0

Source Area Geometry for July 2002 to June 2003									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
617	7317g	7317	North	421.375	4036.375	1081	250	250	0
618	7317h	7317	North	421.625	4036.375	1081	250	250	0
619	7317i	7317	North	421.875	4036.375	1082	250	250	0
620	7317j	7317	North	422.125	4036.375	1083	250	250	0
621	7317k	7317	North	421.125	4036.625	1081	250	250	0
622	7317l	7317	North	421.375	4036.625	1081	250	250	0
623	7317m	7317	North	421.625	4036.625	1082	250	250	0
624	7317n	7317	North	421.875	4036.625	1083	250	250	0
625	7317o	7317	North	422.125	4036.625	1084	250	250	0
626	7317p	7317	North	421.125	4036.875	1082	250	250	0
627	7317q	7317	North	421.375	4036.875	1082	250	250	0
628	7317r	7317	North	421.625	4036.875	1083	250	250	0
629	7317s	7317	North	421.875	4036.875	1085	250	250	0
630	7317t	7317	North	422.125	4036.875	1086	250	250	0
631	7317u	7317	North	422.375	4036.125	1084	250	250	0
632	7317v	7317	North	422.375	4036.375	1083	250	250	0
633	7337a	7337	Central	418.375	4035.625	1076	250	250	0
634	7337b	7337	Central	418.375	4035.875	1076	250	250	0
635	7337c	7337	Central	418.625	4035.125	1076	250	250	0
636	7337d	7337	Central	418.875	4035.125	1077	250	250	0
637	7337e	7337	Central	418.625	4035.375	1076	250	250	0
638	7337f	7337	Central	418.875	4035.375	1077	250	250	0
639	7337g	7337	Central	418.625	4035.625	1076	250	250	0
640	7337h	7337	Central	418.875	4035.625	1077	250	250	0
641	7337i	7337	Central	418.625	4035.875	1076	250	250	0
642	7337j	7337	Central	418.875	4035.875	1077	250	250	0
643	7338a	7338	Central	419.125	4035.125	1077	250	250	0
644	7338b	7338	Central	419.375	4035.125	1078	250	250	0
645	7338c	7338	Central	419.625	4035.125	1079	250	250	0
646	7338d	7338	Central	419.875	4035.125	1079	250	250	0
647	7338e	7338	Central	419.125	4035.375	1077	250	250	0
648	7338f	7338	Central	419.375	4035.375	1078	250	250	0
649	7338g	7338	Central	419.625	4035.375	1078	250	250	0
650	7338h	7338	Central	419.875	4035.375	1079	250	250	0
651	7338i	7338	Central	419.125	4035.625	1077	250	250	0
652	7338j	7338	Central	419.375	4035.625	1077	250	250	0
653	7338k	7338	Central	419.625	4035.625	1078	250	250	0
654	7338l	7338	Central	419.875	4035.625	1078	250	250	0
655	7338m	7338	Central	419.125	4035.875	1077	250	250	0
656	7338n	7338	Central	419.375	4035.875	1077	250	250	0
657	7338o	7338	Central	419.625	4035.875	1078	250	250	0
658	7338p	7338	Central	419.875	4035.875	1078	250	250	0
659	7339a	7339	North	420.125	4035.125	1080	250	250	0
660	7339b	7339	North	420.375	4035.125	1080	250	250	0

Source Area Geometry for July 2002 to June 2003									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
661	7339c	7339	North	420.625	4035.125	1080	250	250	0
662	7339d	7339	North	420.875	4035.125	1081	250	250	0
663	7339e	7339	North	420.125	4035.375	1079	250	250	0
664	7339f	7339	North	420.375	4035.375	1080	250	250	0
665	7339g	7339	North	420.625	4035.375	1080	250	250	0
666	7339h	7339	North	420.875	4035.375	1081	250	250	0
667	7339i	7339	North	420.125	4035.625	1079	250	250	0
668	7339j	7339	North	420.375	4035.625	1080	250	250	0
669	7339k	7339	North	420.625	4035.625	1080	250	250	0
670	7339l	7339	North	420.875	4035.625	1081	250	250	0
671	7339m	7339	North	420.125	4035.875	1079	250	250	0
672	7339n	7339	North	420.375	4035.875	1079	250	250	0
673	7339o	7339	North	420.625	4035.875	1080	250	250	0
674	7339p	7339	North	420.875	4035.875	1080	250	250	0
675	7340a	7340	North	421.125	4035.125	1081	250	250	0
676	7340b	7340	North	421.375	4035.125	1081	250	250	0
677	7340c	7340	North	421.625	4035.125	1081	250	250	0
678	7340d	7340	North	421.875	4035.125	1082	250	250	0
679	7340e	7340	North	421.125	4035.375	1081	250	250	0
680	7340f	7340	North	421.375	4035.375	1082	250	250	0
681	7340g	7340	North	421.625	4035.375	1082	250	250	0
682	7340h	7340	North	421.875	4035.375	1083	250	250	0
683	7340i	7340	North	421.125	4035.625	1081	250	250	0
684	7340j	7340	North	421.375	4035.625	1082	250	250	0
685	7340k	7340	North	421.625	4035.625	1082	250	250	0
686	7340l	7340	North	421.875	4035.625	1083	250	250	0
687	7340m	7340	North	421.125	4035.875	1081	250	250	0
688	7340n	7340	North	421.375	4035.875	1081	250	250	0
689	7340o	7340	North	421.625	4035.875	1082	250	250	0
690	7340p	7340	North	421.875	4035.875	1082	250	250	0
691	7340q	7340	North	422.125	4035.125	1083	250	250	0
692	7340r	7340	North	422.375	4035.125	1083	250	250	0
693	7340s	7340	North	422.125	4035.375	1083	250	250	0
694	7340t	7340	North	422.375	4035.375	1084	250	250	0
695	7340u	7340	North	422.125	4035.625	1083	250	250	0
696	7340v	7340	North	422.375	4035.625	1084	250	250	0
697	7340w	7340	North	422.125	4035.875	1083	250	250	0
698	7340x	7340	North	422.375	4035.875	1084	250	250	0
699	7360a	7360	Central	418.375	4034.625	1075	250	250	0
700	7360b	7360	Central	418.375	4034.875	1075	250	250	0
701	7360c	7360	Central	418.625	4034.625	1075	250	250	0
702	7360d	7360	Central	418.625	4034.375	1075	250	250	0
703	7360e	7360	Central	418.875	4034.375	1076	250	250	0
704	7360f	7360	Central	419.125	4034.375	1078	250	250	0

Source Area Geometry for July 2002 to June 2003									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
705	7360g	7360	Central	418.875	4034.125	1076	250	250	0
706	7360h	7360	Central	418.125	4035.125	1075	250	250	0
707	7360i	7360	Central	418.375	4035.125	1075	250	250	0
708	7360j	7360	Central	418.125	4035.375	1075	250	250	0
709	7360k	7360	Central	418.375	4035.375	1076	250	250	0
710	7361a	7361	Central	418.875	4034.625	1077	250	250	0
711	7361b	7361	Central	419.125	4034.625	1078	250	250	0
712	7361c	7361	Central	419.375	4034.625	1079	250	250	0
713	7361d	7361	Central	419.625	4034.625	1080	250	250	0
714	7361e	7361	Central	419.875	4034.625	1080	250	250	0
715	7361f	7361	Central	418.875	4034.875	1077	250	250	0
716	7361g	7361	Central	419.125	4034.875	1078	250	250	0
717	7361h	7361	Central	419.375	4034.875	1079	250	250	0
718	7361i	7361	Central	419.625	4034.875	1079	250	250	0
719	7361j	7361	Central	419.875	4034.875	1080	250	250	0
720	7361k	7361	Central	419.375	4034.375	1079	250	250	0
721	7361l	7361	Central	419.625	4034.375	1080	250	250	0
722	7361m	7361	Central	419.875	4034.375	1080	250	250	0
723	7361n	7361	Central	418.625	4034.875	1076	250	250	0
724	7362a	7362	Central	420.125	4034.125	1080	250	250	0
725	7362b	7362	Central	420.375	4034.125	1080	250	250	0
726	7362c	7362	Central	420.625	4034.125	1080	250	250	0
727	7362d	7362	Central	420.875	4034.125	1080	250	250	0
728	7362e	7362	Central	420.125	4034.375	1080	250	250	0
729	7362f	7362	Central	420.375	4034.375	1080	250	250	0
730	7362g	7362	Central	420.625	4034.375	1080	250	250	0
731	7362h	7362	Central	420.875	4034.375	1080	250	250	0
732	7362i	7362	Central	420.125	4034.625	1080	250	250	0
733	7362j	7362	Central	420.375	4034.625	1080	250	250	0
734	7362k	7362	Central	420.625	4034.625	1080	250	250	0
735	7362l	7362	Central	420.875	4034.625	1080	250	250	0
736	7362m	7362	Central	420.125	4034.875	1080	250	250	0
737	7362n	7362	Central	420.375	4034.875	1080	250	250	0
738	7362o	7362	Central	420.625	4034.875	1080	250	250	0
739	7362p	7362	Central	420.875	4034.875	1080	250	250	0
740	7363a	7363	Central	421.125	4034.125	1080	250	250	0
741	7363b	7363	Central	421.375	4034.125	1080	250	250	0
742	7363c	7363	Central	421.625	4034.125	1080	250	250	0
743	7363d	7363	Central	421.875	4034.125	1081	250	250	0
744	7363e	7363	Central	421.125	4034.375	1080	250	250	0
745	7363f	7363	Central	421.375	4034.375	1080	250	250	0
746	7363g	7363	Central	421.625	4034.375	1080	250	250	0
747	7363h	7363	Central	421.875	4034.375	1081	250	250	0
748	7363i	7363	Central	421.125	4034.625	1080	250	250	0

Source Area Geometry for July 2002 to June 2003									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
749	7363j	7363	Central	421.375	4034.625	1080	250	250	0
750	7363k	7363	Central	421.625	4034.625	1080	250	250	0
751	7363l	7363	Central	421.875	4034.625	1081	250	250	0
752	7363m	7363	Central	421.125	4034.875	1080	250	250	0
753	7363n	7363	Central	421.375	4034.875	1081	250	250	0
754	7363o	7363	Central	421.625	4034.875	1081	250	250	0
755	7363p	7363	Central	421.875	4034.875	1081	250	250	0
756	7364a	7364	Central	422.125	4034.375	1081	250	250	0
757	7364b	7364	Central	422.375	4034.375	1082	250	250	0
758	7364c	7364	Central	422.125	4034.625	1081	250	250	0
759	7364d	7364	Central	422.375	4034.625	1082	250	250	0
760	7364e	7364	Central	422.125	4034.875	1082	250	250	0
761	7364f	7364	Central	422.375	4034.875	1082	250	250	0
762	7384a	7384	Central	419.875	4033.875	1079	250	250	0
763	7384b	7384	Central	419.875	4034.125	1079	250	250	0
764	7384c	7384	Central	419.875	4032.875	1077	250	250	0
765	7384d	7384	Central	419.875	4033.125	1078	250	250	0
766	7384e	7384	Central	419.875	4033.375	1078	250	250	0
767	8384a	7384	Central	419.625	4033.875	1079	250	250	0
768	8384b	7384	Central	419.625	4034.125	1079	250	250	0
769	8384c	7384	Central	419.375	4033.875	1078	250	250	0
770	8384d	7384	Central	419.375	4033.125	1077	250	250	0
771	8384e	7384	Central	419.625	4033.125	1077	250	250	0
772	8384f	7384	Central	419.375	4033.375	1077	250	250	0
773	8384g	7384	Central	419.625	4033.375	1078	250	250	0
774	8384h	7384	Central	419.375	4033.625	1078	250	250	0
775	8384i	7384	Central	419.625	4033.625	1078	250	250	0
776	7387a	7387	Central	422.625	4032.875	1081	250	250	0
777	7387b	7387	Central	422.625	4033.125	1082	250	250	0
778	7387c	7387	Central	422.625	4033.375	1082	250	250	0
779	7387d	7387	Central	422.375	4032.875	1081	250	250	0
780	7406a	7406	Central	418.625	4032.125	1074	250	250	0
781	7406b	7406	Central	418.625	4032.375	1074	250	250	0
782	7406c	7406	Central	418.625	4032.625	1073	250	250	0
783	7406d	7406	Central	418.625	4032.875	1073	250	250	0
784	7406e	7406	Central	418.625	4033.125	1073	250	250	0
785	7406f	7406	Central	418.375	4031.875	1074	250	250	0
786	7406g	7406	Central	418.375	4032.125	1074	250	250	0
787	7406h	7406	Central	418.125	4031.375	1074	250	250	0
788	7406i	7406	Central	418.125	4031.625	1074	250	250	0
789	7406j	7406	Central	417.875	4031.125	1074	250	250	0
790	7406k	7406	Central	418.875	4033.125	1074	250	250	0
791	8406a	7406	Central	418.875	4032.125	1074	250	250	0
792	8406b	7406	Central	418.875	4032.375	1074	250	250	0

Source Area Geometry for July 2002 to June 2003									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
793	8406c	7406	Central	418.875	4032.625	1074	250	250	0
794	8406d	7406	Central	418.875	4032.875	1074	250	250	0
795	7407a	7407	Central	419.125	4032.875	1075	250	250	0
796	7407b	7407	Central	419.375	4032.875	1076	250	250	0
797	7407c	7407	Central	419.625	4032.875	1077	250	250	0
798	7407d	7407	Central	419.125	4032.125	1075	250	250	0
799	7407e	7407	Central	419.375	4032.125	1075	250	250	0
800	7407f	7407	Central	419.625	4032.125	1076	250	250	0
801	7407g	7407	Central	419.875	4032.125	1077	250	250	0
802	7407h	7407	Central	419.125	4032.375	1075	250	250	0
803	7407i	7407	Central	419.375	4032.375	1075	250	250	0
804	7407j	7407	Central	419.625	4032.375	1076	250	250	0
805	7407k	7407	Central	419.875	4032.375	1077	250	250	0
806	7407l	7407	Central	419.125	4032.625	1075	250	250	0
807	7407m	7407	Central	419.375	4032.625	1075	250	250	0
808	7407n	7407	Central	419.625	4032.625	1076	250	250	0
809	7407o	7407	Central	419.875	4032.625	1077	250	250	0
810	7408a	7408	Central	420.125	4032.375	1077	250	250	0
811	7408b	7408	Central	420.375	4032.375	1078	250	250	0
812	7408c	7408	Central	420.625	4032.125	1079	250	250	0
813	8408a	7408	Central	420.125	4031.875	1077	250	250	0
814	8408b	7408	Central	420.375	4031.875	1078	250	250	0
815	8408c	7408	Central	420.125	4032.125	1077	250	250	0
816	8408d	7408	Central	420.375	4032.125	1078	250	250	0
817	7410a	7410	Central	422.375	4032.375	1081	250	250	0
818	7410b	7410	Central	422.625	4032.375	1081	250	250	0
819	7410c	7410	Central	422.375	4032.625	1081	250	250	0
820	7410d	7410	Central	422.625	4032.625	1081	250	250	0
821	7410e	7410	Central	422.375	4032.125	1081	250	250	0
822	7410f	7410	Central	422.125	4031.875	1082	250	250	0
823	7410g	7410	Central	422.125	4032.125	1082	250	250	0
824	7429a	7429	Central	418.625	4031.125	1075	250	250	0
825	7429b	7429	Central	418.875	4031.125	1075	250	250	0
826	7429c	7429	Central	418.625	4031.375	1075	250	250	0
827	7429d	7429	Central	418.875	4031.375	1075	250	250	0
828	7429e	7429	Central	418.625	4031.625	1074	250	250	0
829	7429f	7429	Central	418.875	4031.625	1075	250	250	0
830	7429g	7429	Central	418.625	4031.875	1074	250	250	0
831	7429h	7429	Central	418.875	4031.875	1075	250	250	0
832	7429i	7429	Central	418.375	4031.125	1074	250	250	0
833	7429j	7429	Central	418.375	4031.375	1074	250	250	0
834	7429k	7429	Central	418.375	4031.625	1074	250	250	0
835	7429l	7429	Central	418.125	4031.125	1074	250	250	0
836	7430a	7430	Central	419.125	4031.125	1075	250	250	0

Source Area Geometry for July 2002 to June 2003									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
837	7430b	7430	Central	419.375	4031.125	1075	250	250	0
838	7430c	7430	Central	419.625	4031.125	1076	250	250	0
839	7430d	7430	Central	419.875	4031.125	1076	250	250	0
840	7430e	7430	Central	419.125	4031.375	1075	250	250	0
841	7430f	7430	Central	419.375	4031.375	1076	250	250	0
842	7430g	7430	Central	419.625	4031.375	1076	250	250	0
843	7430h	7430	Central	419.875	4031.375	1076	250	250	0
844	7430i	7430	Central	419.125	4031.625	1075	250	250	0
845	7430j	7430	Central	419.375	4031.625	1076	250	250	0
846	7430k	7430	Central	419.625	4031.625	1076	250	250	0
847	7430l	7430	Central	419.875	4031.625	1077	250	250	0
848	7430m	7430	Central	419.125	4031.875	1075	250	250	0
849	7430n	7430	Central	419.375	4031.875	1075	250	250	0
850	7430o	7430	Central	419.625	4031.875	1076	250	250	0
851	7430p	7430	Central	419.875	4031.875	1077	250	250	0
852	7432a	7432	Central	421.375	4031.625	1082	250	250	0
853	7432b	7432	Central	421.375	4031.875	1082	250	250	0
854	7452a	7452	Central	417.875	4029.875	1074	250	250	0
855	7452aa	7452	Central	417.625	4030.125	1074	250	250	0
856	7452b	7452	Central	418.125	4029.875	1074	250	250	0
857	7452c	7452	Central	418.375	4029.875	1073	250	250	0
858	7452d	7452	Central	418.625	4029.875	1073	250	250	0
859	7452e	7452	Central	418.875	4029.875	1074	250	250	0
860	7452f	7452	Central	417.875	4030.125	1074	250	250	0
861	7452g	7452	Central	418.125	4030.125	1074	250	250	0
862	7452h	7452	Central	418.375	4030.125	1074	250	250	0
863	7452i	7452	Central	418.625	4030.125	1074	250	250	0
864	7452j	7452	Central	418.875	4030.125	1074	250	250	0
865	7452k	7452	Central	417.875	4030.375	1074	250	250	0
866	7452l	7452	Central	418.125	4030.375	1074	250	250	0
867	7452m	7452	Central	418.375	4030.375	1074	250	250	0
868	7452n	7452	Central	418.625	4030.375	1074	250	250	0
869	7452o	7452	Central	418.875	4030.375	1074	250	250	0
870	7452p	7452	Central	417.875	4030.625	1074	250	250	0
871	7452q	7452	Central	418.125	4030.625	1074	250	250	0
872	7452r	7452	Central	418.375	4030.625	1074	250	250	0
873	7452s	7452	Central	418.625	4030.625	1075	250	250	0
874	7452t	7452	Central	418.875	4030.625	1075	250	250	0
875	7452u	7452	Central	417.875	4030.875	1074	250	250	0
876	7452v	7452	Central	418.125	4030.875	1074	250	250	0
877	7452w	7452	Central	418.375	4030.875	1074	250	250	0
878	7452x	7452	Central	418.625	4030.875	1075	250	250	0
879	7452y	7452	Central	418.875	4030.875	1075	250	250	0
880	7452z	7452	Central	417.625	4029.875	1074	250	250	0

Source Area Geometry for July 2002 to June 2003									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
881	7453a	7453	Central	419.125	4030.125	1074	250	250	0
882	7453b	7453	Central	419.375	4030.125	1075	250	250	0
883	7453c	7453	Central	419.625	4030.125	1075	250	250	0
884	7453d	7453	Central	419.875	4030.125	1076	250	250	0
885	7453e	7453	Central	419.125	4030.375	1074	250	250	0
886	7453f	7453	Central	419.375	4030.375	1075	250	250	0
887	7453g	7453	Central	419.625	4030.375	1075	250	250	0
888	7453h	7453	Central	419.875	4030.375	1076	250	250	0
889	7453i	7453	Central	419.125	4030.625	1075	250	250	0
890	7453j	7453	Central	419.375	4030.625	1075	250	250	0
891	7453k	7453	Central	419.625	4030.625	1075	250	250	0
892	7453l	7453	Central	419.875	4030.625	1076	250	250	0
893	7453m	7453	Central	419.125	4030.875	1075	250	250	0
894	7453n	7453	Central	419.375	4030.875	1075	250	250	0
895	7453o	7453	Central	419.625	4030.875	1075	250	250	0
896	7453p	7453	Central	419.875	4030.875	1076	250	250	0
897	7473a	7473	Central	416.625	4029.875	1073	250	250	0
898	7473b	7473	Central	416.375	4029.125	1074	250	250	0
899	7473c	7473	Central	416.625	4029.125	1075	250	250	0
900	7473d	7473	Central	416.875	4029.125	1076	250	250	0
901	7473e	7473	Central	416.375	4029.375	1073	250	250	0
902	7473f	7473	Central	416.625	4029.375	1074	250	250	0
903	7473g	7473	Central	416.875	4029.375	1074	250	250	0
904	7473h	7473	Central	416.375	4029.625	1073	250	250	0
905	7473i	7473	Central	416.625	4029.625	1073	250	250	0
906	7473j	7473	Central	416.875	4029.625	1074	250	250	0
907	7473k	7473	Central	416.125	4029.125	1073	250	250	0
908	7473l	7473	Central	415.625	4028.625	1074	250	250	0
909	7473m	7473	Central	415.875	4028.625	1074	250	250	0
910	7473n	7473	Central	415.625	4028.875	1073	250	250	0
911	7473o	7473	Central	415.875	4028.875	1074	250	250	0
912	7474a	7474	Central	417.375	4029.625	1074	250	250	0
913	7474b	7474	Central	417.375	4029.875	1074	250	250	0
914	7474c	7474	Central	417.375	4030.125	1074	250	250	0
915	7474d	7474	Central	417.625	4029.625	1074	250	250	0
916	7474e	7474	Central	417.875	4029.625	1074	250	250	0
917	7474f	7474	Central	418.125	4029.625	1073	250	250	0
918	7474g	7474	Central	417.625	4029.375	1075	250	250	0
919	7474h	7474	Central	417.625	4030.375	1074	250	250	0
920	7474i	7474	Central	417.625	4030.625	1074	250	250	0
921	7476a	7476	Central	419.125	4028.875	1077	250	250	0
922	7476b	7476	Central	419.375	4028.875	1077	250	250	0
923	7476c	7476	Central	419.625	4028.875	1079	250	250	0
924	7476d	7476	Central	419.875	4028.875	1080	250	250	0

Source Area Geometry for July 2002 to June 2003									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
925	7476e	7476	Central	419.125	4029.125	1076	250	250	0
926	7476f	7476	Central	419.375	4029.125	1076	250	250	0
927	7476g	7476	Central	419.625	4029.125	1077	250	250	0
928	7476h	7476	Central	419.875	4029.125	1079	250	250	0
929	7476i	7476	Central	419.125	4029.375	1075	250	250	0
930	7476j	7476	Central	419.375	4029.375	1075	250	250	0
931	7476k	7476	Central	419.625	4029.375	1076	250	250	0
932	7476l	7476	Central	419.875	4029.375	1078	250	250	0
933	7476m	7476	Central	419.125	4029.625	1074	250	250	0
934	7476n	7476	Central	419.375	4029.625	1075	250	250	0
935	7476o	7476	Central	419.625	4029.625	1076	250	250	0
936	7476p	7476	Central	419.875	4029.625	1077	250	250	0
937	7476q	7476	Central	419.875	4029.875	1077	250	250	0
938	8476a	7476	Central	419.125	4029.875	1074	250	250	0
939	8476b	7476	Central	419.375	4029.875	1075	250	250	0
940	8476c	7476	Central	419.625	4029.875	1075	250	250	0
941	7477a	7477	Central	420.125	4029.875	1078	250	250	0
942	7477b	7477	Central	420.125	4029.125	1081	250	250	0
943	7477c	7477	Central	420.375	4029.125	1082	250	250	0
944	7477d	7477	Central	420.125	4029.375	1079	250	250	0
945	7477e	7477	Central	420.375	4029.375	1081	250	250	0
946	7477f	7477	Central	420.125	4029.625	1078	250	250	0
947	7477g	7477	Central	420.375	4029.625	1080	250	250	0
948	7477h	7477	Central	420.625	4029.125	1084	250	250	0
949	7477i	7477	Central	420.625	4029.375	1082	250	250	0
950	7477j	7477	Central	420.125	4028.875	1082	250	250	0
951	7496a	7496	Central	416.125	4028.125	1076	250	250	0
952	7496b	7496	Central	416.375	4028.125	1076	250	250	0
953	7496c	7496	Central	416.625	4028.125	1077	250	250	0
954	7496d	7496	Central	416.875	4028.125	1078	250	250	0
955	7496e	7496	Central	416.125	4028.375	1076	250	250	0
956	7496f	7496	Central	416.375	4028.375	1077	250	250	0
957	7496g	7496	Central	416.625	4028.375	1078	250	250	0
958	7496h	7496	Central	416.875	4028.375	1078	250	250	0
959	7496i	7496	Central	416.125	4028.625	1075	250	250	0
960	7496j	7496	Central	416.375	4028.625	1076	250	250	0
961	7496k	7496	Central	416.625	4028.625	1077	250	250	0
962	7496l	7496	Central	416.875	4028.625	1078	250	250	0
963	7496m	7496	Central	416.125	4028.875	1074	250	250	0
964	7496n	7496	Central	416.375	4028.875	1075	250	250	0
965	7496o	7496	Central	416.625	4028.875	1076	250	250	0
966	7496p	7496	Central	416.875	4028.875	1077	250	250	0
967	7496q	7496	Central	417.125	4028.125	1078	250	250	0
968	7498a	7498	Central	418.125	4028.125	1078	250	250	0

Source Area Geometry for July 2002 to June 2003									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
969	7498b	7498	Central	418.375	4028.125	1077	250	250	0
970	7498c	7498	Central	418.625	4028.125	1077	250	250	0
971	7498d	7498	Central	418.875	4028.125	1078	250	250	0
972	7498e	7498	Central	418.125	4028.375	1079	250	250	0
973	7498f	7498	Central	418.375	4028.375	1078	250	250	0
974	7498g	7498	Central	418.625	4028.375	1078	250	250	0
975	7498h	7498	Central	418.875	4028.375	1078	250	250	0
976	7499a	7499	Central	419.125	4028.375	1079	250	250	0
977	7499b	7499	Central	419.375	4028.375	1079	250	250	0
978	7499c	7499	Central	419.625	4028.375	1080	250	250	0
979	7499d	7499	Central	419.875	4028.375	1082	250	250	0
980	7499e	7499	Central	419.125	4028.625	1078	250	250	0
981	7499f	7499	Central	419.375	4028.625	1079	250	250	0
982	7499g	7499	Central	419.625	4028.625	1080	250	250	0
983	7499h	7499	Central	419.875	4028.625	1081	250	250	0
984	7499i	7499	Central	419.875	4028.125	1083	250	250	0
985	8499a	7499	Central	419.125	4028.125	1079	250	250	0
986	8499b	7499	Central	419.375	4028.125	1079	250	250	0
987	8499c	7499	Central	419.625	4028.125	1081	250	250	0
988	7518a	7518	Central	415.125	4027.125	1076	250	250	0
989	7518b	7518	Central	415.375	4027.125	1076	250	250	0
990	7518c	7518	Central	415.625	4027.125	1076	250	250	0
991	7518d	7518	Central	415.875	4027.125	1076	250	250	0
992	7518e	7518	Central	415.125	4027.375	1075	250	250	0
993	7518f	7518	Central	415.375	4027.375	1076	250	250	0
994	7518g	7518	Central	415.625	4027.375	1076	250	250	0
995	7518h	7518	Central	415.875	4027.375	1076	250	250	0
996	7518i	7518	Central	415.125	4027.625	1075	250	250	0
997	7518j	7518	Central	415.375	4027.625	1075	250	250	0
998	7518k	7518	Central	415.625	4027.625	1075	250	250	0
999	7518l	7518	Central	415.875	4027.625	1075	250	250	0
1000	7518m	7518	Central	415.125	4027.875	1075	250	250	0
1001	7518n	7518	Central	415.375	4027.875	1075	250	250	0
1002	7518o	7518	Central	415.625	4027.875	1075	250	250	0
1003	7518p	7518	Central	415.875	4027.875	1075	250	250	0
1004	7519a	7519	Central	416.125	4027.125	1076	250	250	0
1005	7519b	7519	Central	416.375	4027.125	1076	250	250	0
1006	7519c	7519	Central	416.625	4027.125	1076	250	250	0
1007	7519d	7519	Central	416.875	4027.125	1076	250	250	0
1008	7519e	7519	Central	416.125	4027.375	1076	250	250	0
1009	7519f	7519	Central	416.375	4027.375	1076	250	250	0
1010	7519g	7519	Central	416.625	4027.375	1076	250	250	0
1011	7519h	7519	Central	416.875	4027.375	1076	250	250	0
1012	7519i	7519	Central	416.125	4027.625	1076	250	250	0

Source Area Geometry for July 2002 to June 2003									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1013	7519j	7519	Central	416.375	4027.625	1076	250	250	0
1014	7519k	7519	Central	416.625	4027.625	1076	250	250	0
1015	7519l	7519	Central	416.875	4027.625	1076	250	250	0
1016	7519m	7519	Central	416.125	4027.875	1076	250	250	0
1017	7519n	7519	Central	416.375	4027.875	1076	250	250	0
1018	7519o	7519	Central	416.625	4027.875	1076	250	250	0
1019	7519p	7519	Central	416.875	4027.875	1077	250	250	0
1020	7520a	7520	Central	417.375	4027.125	1075	250	250	0
1021	7520b	7520	Central	417.625	4027.125	1075	250	250	0
1022	7520c	7520	Central	417.375	4027.375	1075	250	250	0
1023	7520d	7520	Central	417.625	4027.375	1075	250	250	0
1024	7520e	7520	Central	417.375	4027.625	1076	250	250	0
1025	7520f	7520	Central	417.625	4027.625	1076	250	250	0
1026	7520g	7520	Central	417.375	4027.875	1077	250	250	0
1027	7520h	7520	Central	417.625	4027.875	1077	250	250	0
1028	7520i	7520	Central	417.875	4027.625	1076	250	250	0
1029	7520j	7520	Central	417.875	4027.875	1077	250	250	0
1030	7521a	7521	Central	418.125	4027.125	1076	250	250	0
1031	7521b	7521	Central	418.375	4027.125	1076	250	250	0
1032	7521c	7521	Central	418.625	4027.125	1077	250	250	0
1033	7521d	7521	Central	418.875	4027.125	1078	250	250	0
1034	7521e	7521	Central	418.125	4027.375	1076	250	250	0
1035	7521f	7521	Central	418.375	4027.375	1076	250	250	0
1036	7521g	7521	Central	418.625	4027.375	1077	250	250	0
1037	7521h	7521	Central	418.875	4027.375	1078	250	250	0
1038	7521i	7521	Central	418.125	4027.625	1076	250	250	0
1039	7521j	7521	Central	418.375	4027.625	1076	250	250	0
1040	7521k	7521	Central	418.625	4027.625	1077	250	250	0
1041	7521l	7521	Central	418.875	4027.625	1078	250	250	0
1042	7521m	7521	Central	418.125	4027.875	1077	250	250	0
1043	7521n	7521	Central	418.375	4027.875	1077	250	250	0
1044	7521o	7521	Central	418.625	4027.875	1077	250	250	0
1045	7521p	7521	Central	418.875	4027.875	1078	250	250	0
1046	7521q	7521	Central	417.875	4027.125	1076	250	250	0
1047	7521r	7521	Central	417.875	4027.375	1076	250	250	0
1048	7522a	7522	Central	419.125	4027.125	1078	250	250	0
1049	7522b	7522	Central	419.375	4027.125	1079	250	250	0
1050	7522c	7522	Central	419.625	4027.125	1082	250	250	0
1051	7522d	7522	Central	419.125	4027.375	1078	250	250	0
1052	7522e	7522	Central	419.375	4027.375	1079	250	250	0
1053	7522f	7522	Central	419.625	4027.375	1082	250	250	0
1054	7522g	7522	Central	419.125	4027.625	1079	250	250	0
1055	7522h	7522	Central	419.375	4027.625	1079	250	250	0
1056	7522i	7522	Central	419.625	4027.625	1082	250	250	0

Source Area Geometry for July 2002 to June 2003									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1057	7522j	7522	Central	419.125	4027.875	1079	250	250	0
1058	7522k	7522	Central	419.375	4027.875	1079	250	250	0
1059	7522l	7522	Central	419.625	4027.875	1081	250	250	0
1060	7542a	7542	Central	416.125	4026.875	1077	250	250	0
1061	7542b	7542	Central	416.375	4026.875	1077	250	250	0
1062	7542c	7542	Central	416.625	4026.875	1076	250	250	0
1063	7542d	7542	Central	416.875	4026.875	1076	250	250	0
1064	7542e	7542	Central	416.375	4026.625	1077	250	250	0
1065	7543a	7543	Central	417.625	4026.125	1077	250	250	0
1066	7543b	7543	Central	417.625	4026.375	1076	250	250	0
1067	7543c	7543	Central	417.625	4026.625	1075	250	250	0
1068	7543d	7543	Central	417.625	4026.875	1075	250	250	0
1069	7543e	7543	Central	417.375	4026.125	1077	250	250	0
1070	7543f	7543	Central	417.375	4026.375	1076	250	250	0
1071	7544a	7544	Central	418.375	4026.125	1077	250	250	0
1072	7544b	7544	Central	418.625	4026.125	1078	250	250	0
1073	7544c	7544	Central	418.875	4026.125	1079	250	250	0
1074	7544d	7544	Central	418.375	4026.375	1076	250	250	0
1075	7544e	7544	Central	418.625	4026.375	1077	250	250	0
1076	7544f	7544	Central	418.875	4026.375	1078	250	250	0
1077	7544g	7544	Central	418.375	4026.625	1076	250	250	0
1078	7544h	7544	Central	418.625	4026.625	1077	250	250	0
1079	7544i	7544	Central	418.875	4026.625	1078	250	250	0
1080	7544j	7544	Central	418.375	4026.875	1076	250	250	0
1081	7544k	7544	Central	418.625	4026.875	1077	250	250	0
1082	7544l	7544	Central	418.875	4026.875	1078	250	250	0
1083	7545a	7545	Central	419.375	4026.125	1082	250	250	0
1084	8545a	7545	Central	419.125	4026.125	1081	250	250	0
1085	8545b	7545	Central	419.125	4026.375	1079	250	250	0
1086	8545c	7545	Central	419.125	4026.625	1078	250	250	0
1087	8545d	7545	Central	419.125	4026.875	1078	250	250	0
1088	8545e	7545	Central	419.625	4026.625	1082	250	250	0
1089	8545f	7545	Central	419.625	4026.875	1082	250	250	0
1090	8545g	7545	Central	419.375	4026.375	1080	250	250	0
1091	8545h	7545	Central	419.375	4026.625	1079	250	250	0
1092	8545i	7545	Central	419.375	4026.875	1079	250	250	0
1093	7562a	7562	Central	413.625	4025.125	1081	250	250	0
1094	7562b	7562	Central	413.875	4025.125	1080	250	250	0
1095	7562c	7562	Central	413.625	4025.375	1081	250	250	0
1096	7562d	7562	Central	413.875	4025.375	1080	250	250	0
1097	7563a	7563	Central	414.625	4025.875	1077	250	250	0
1098	7563b	7563	Central	414.875	4025.875	1077	250	250	0
1099	7563c	7563	Central	414.875	4025.125	1077	250	250	0
1100	7563d	7563	Central	414.875	4025.375	1077	250	250	0

Source Area Geometry for July 2002 to June 2003									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1101	7563e	7563	Central	414.875	4025.625	1076	250	250	0
1102	8563a	7563	Central	414.625	4025.375	1077	250	250	0
1103	8563b	7563	Central	414.625	4025.625	1076	250	250	0
1104	7564a	7564	Central	415.125	4025.125	1077	250	250	0
1105	7564b	7564	Central	415.375	4025.125	1077	250	250	0
1106	7564c	7564	Central	415.625	4025.125	1077	250	250	0
1107	7564d	7564	Central	415.875	4025.125	1078	250	250	0
1108	7564e	7564	Central	416.125	4025.125	1078	250	250	0
1109	7564f	7564	Central	415.125	4025.375	1076	250	250	0
1110	7564g	7564	Central	415.375	4025.375	1076	250	250	0
1111	7564h	7564	Central	415.625	4025.375	1076	250	250	0
1112	7564i	7564	Central	415.875	4025.375	1077	250	250	0
1113	7564j	7564	Central	416.125	4025.375	1078	250	250	0
1114	7564k	7564	Central	415.125	4025.625	1076	250	250	0
1115	7564l	7564	Central	415.375	4025.625	1076	250	250	0
1116	7564m	7564	Central	415.625	4025.625	1076	250	250	0
1117	7564n	7564	Central	415.875	4025.625	1077	250	250	0
1118	7564o	7564	Central	416.125	4025.625	1077	250	250	0
1119	7564p	7564	Central	415.125	4025.875	1077	250	250	0
1120	7564q	7564	Central	415.375	4025.875	1076	250	250	0
1121	7564r	7564	Central	415.625	4025.875	1077	250	250	0
1122	7564s	7564	Central	415.875	4025.875	1077	250	250	0
1123	7564t	7564	Central	416.125	4025.875	1077	250	250	0
1124	7564u	7564	Central	416.375	4025.875	1078	250	250	0
1125	7565a	7565	Central	416.625	4025.125	1080	250	250	0
1126	7565b	7565	Central	416.875	4025.125	1080	250	250	0
1127	7565c	7565	Central	416.625	4025.375	1079	250	250	0
1128	7565d	7565	Central	416.875	4025.375	1079	250	250	0
1129	7566a	7566	Central	417.125	4025.625	1079	250	250	0
1130	7566b	7566	Central	417.375	4025.625	1079	250	250	0
1131	7566c	7566	Central	417.125	4025.875	1078	250	250	0
1132	7566d	7566	Central	417.375	4025.875	1078	250	250	0
1133	7566e	7566	Central	417.125	4025.125	1081	250	250	0
1134	7566f	7566	Central	417.375	4025.125	1081	250	250	0
1135	7566g	7566	Central	417.625	4025.125	1082	250	250	0
1136	7566h	7566	Central	417.125	4025.375	1080	250	250	0
1137	7566i	7566	Central	417.375	4025.375	1080	250	250	0
1138	7566j	7566	Central	417.625	4025.375	1080	250	250	0
1139	7566k	7566	Central	417.125	4024.875	1082	250	250	0
1140	7566l	7566	Central	417.375	4024.875	1083	250	250	0
1141	7566m	7566	Central	417.625	4025.625	1079	250	250	0
1142	8566a	7566	Central	417.625	4025.875	1078	250	250	0
1143	8566b	7566	Central	417.875	4025.875	1078	250	250	0
1144	8566c	7566	Central	417.875	4025.625	1079	250	250	0

Source Area Geometry for July 2002 to June 2003									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1145	7584a	7584	Central	412.625	4024.375	1079	250	250	0
1146	7585a	7585	Central	413.125	4024.125	1081	250	250	0
1147	7585b	7585	Central	413.375	4024.125	1082	250	250	0
1148	7585c	7585	Central	413.625	4024.125	1082	250	250	0
1149	7585d	7585	Central	413.875	4024.125	1082	250	250	0
1150	7585e	7585	Central	413.125	4024.375	1080	250	250	0
1151	7585f	7585	Central	413.375	4024.375	1081	250	250	0
1152	7585g	7585	Central	413.625	4024.375	1081	250	250	0
1153	7585h	7585	Central	413.875	4024.375	1081	250	250	0
1154	7585i	7585	Central	413.125	4024.625	1080	250	250	0
1155	7585j	7585	Central	413.375	4024.625	1080	250	250	0
1156	7585k	7585	Central	413.625	4024.625	1080	250	250	0
1157	7585l	7585	Central	413.875	4024.625	1080	250	250	0
1158	7585m	7585	Central	413.125	4024.875	1080	250	250	0
1159	7585n	7585	Central	413.375	4024.875	1081	250	250	0
1160	7585o	7585	Central	413.625	4024.875	1081	250	250	0
1161	7585p	7585	Central	413.875	4024.875	1080	250	250	0
1162	7585q	7585	Central	412.875	4024.375	1079	250	250	0
1163	7585r	7585	Central	412.625	4024.125	1079	250	250	0
1164	7585s	7585	Central	412.875	4024.125	1080	250	250	0
1165	7586a	7586	Central	414.125	4024.125	1081	250	250	0
1166	7586b	7586	Central	414.375	4024.125	1081	250	250	0
1167	7586c	7586	Central	414.625	4024.125	1081	250	250	0
1168	7586d	7586	Central	414.875	4024.125	1081	250	250	0
1169	7586e	7586	Central	414.125	4024.375	1080	250	250	0
1170	7586f	7586	Central	414.375	4024.375	1080	250	250	0
1171	7586g	7586	Central	414.625	4024.375	1080	250	250	0
1172	7586h	7586	Central	414.875	4024.375	1080	250	250	0
1173	7586i	7586	Central	414.125	4024.625	1080	250	250	0
1174	7586j	7586	Central	414.375	4024.625	1080	250	250	0
1175	7586k	7586	Central	414.625	4024.625	1079	250	250	0
1176	7586l	7586	Central	414.875	4024.625	1079	250	250	0
1177	7586m	7586	Central	414.125	4024.875	1079	250	250	0
1178	7586n	7586	Central	414.375	4024.875	1079	250	250	0
1179	7586o	7586	Central	414.625	4024.875	1079	250	250	0
1180	7586p	7586	Central	414.875	4024.875	1078	250	250	0
1181	7586q	7586	Central	414.375	4025.125	1078	250	250	0
1182	7586r	7586	Central	414.625	4025.125	1078	250	250	0
1183	7587a	7587	Central	415.125	4024.875	1078	250	250	0
1184	7587b	7587	Central	415.375	4024.875	1078	250	250	0
1185	7587c	7587	Central	415.625	4024.875	1078	250	250	0
1186	7587d	7587	Central	415.875	4024.875	1079	250	250	0
1187	7587e	7587	Central	415.625	4024.625	1079	250	250	0
1188	7587f	7587	Central	415.875	4024.625	1079	250	250	0

Source Area Geometry for July 2002 to June 2003									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1189	8587a	7587	Central	415.875	4024.375	1081	250	250	0
1190	8587b	7587	Central	415.375	4024.625	1078	250	250	0
1191	7588a	7588	Central	416.875	4023.625	1089	250	250	0
1192	7588b	7588	Central	416.875	4023.875	1087	250	250	0
1193	7588c	7588	Central	416.875	4024.125	1085	250	250	0
1194	7588d	7588	Central	416.875	4024.375	1084	250	250	0
1195	8588a	7588	Central	416.125	4024.125	1083	250	250	0
1196	8588b	7588	Central	416.375	4024.125	1084	250	250	0
1197	8588c	7588	Central	416.625	4024.125	1084	250	250	0
1198	8588d	7588	Central	416.125	4024.375	1081	250	250	0
1199	8588e	7588	Central	416.375	4024.375	1082	250	250	0
1200	8588f	7588	Central	416.625	4024.375	1083	250	250	0
1201	8588g	7588	Central	416.125	4024.625	1080	250	250	0
1202	8588h	7588	Central	416.375	4024.625	1081	250	250	0
1203	8588i	7588	Central	416.625	4024.625	1082	250	250	0
1204	8588j	7588	Central	416.125	4024.875	1079	250	250	0
1205	8588k	7588	Central	416.375	4024.875	1080	250	250	0
1206	8588l	7588	Central	416.625	4024.875	1081	250	250	0
1207	8588m	7588	Central	416.625	4023.875	1086	250	250	0
1208	8588n	7588	Central	416.875	4024.625	1082	250	250	0
1209	8588o	7588	Central	416.875	4024.875	1081	250	250	0
1210	7604a	7604	South	409.125	4023.125	1100	250	250	0
1211	7604b	7604	South	409.125	4023.375	1101	250	250	0
1212	7604c	7604	South	409.125	4023.625	1101	250	250	0
1213	7604d	7604	South	409.125	4023.875	1101	250	250	0
1214	7604e	7604	South	409.375	4023.125	1094	250	250	0
1215	7604f	7604	South	409.375	4023.375	1095	250	250	0
1216	7604g	7604	South	409.375	4023.625	1095	250	250	0
1217	7604h	7604	South	409.625	4023.125	1090	250	250	0
1218	7604i	7604	South	409.625	4023.375	1090	250	250	0
1219	7604j	7604	South	409.875	4023.125	1087	250	250	0
1220	7605a	7605	South	410.125	4023.375	1083	250	250	0
1221	7605b	7605	South	410.375	4023.375	1079	250	250	0
1222	7605c	7605	South	410.625	4023.375	1078	250	250	0
1223	7605d	7605	South	410.875	4023.375	1078	250	250	0
1224	7605e	7605	South	410.125	4023.625	1083	250	250	0
1225	7605f	7605	South	410.375	4023.625	1079	250	250	0
1226	7605g	7605	South	410.625	4023.625	1077	250	250	0
1227	7605h	7605	South	410.875	4023.625	1078	250	250	0
1228	7605i	7605	South	410.125	4023.875	1083	250	250	0
1229	7605j	7605	South	410.375	4023.875	1080	250	250	0
1230	7605k	7605	South	410.625	4023.875	1078	250	250	0
1231	7605l	7605	South	410.875	4023.875	1078	250	250	0
1232	7606a	7606	South	411.625	4023.125	1080	250	250	0

Source Area Geometry for July 2002 to June 2003									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1233	7606b	7606	South	411.625	4023.375	1079	250	250	0
1234	7606c	7606	South	411.875	4023.375	1079	250	250	0
1235	8606a	7606	South	411.875	4023.125	1079	250	250	0
1236	8606b	7606	South	412.125	4023.125	1079	250	250	0
1237	8606c	7606	South	412.125	4023.375	1078	250	250	0
1238	7607a	7607	South	412.375	4022.875	1078	250	250	0
1239	7607b	7607	South	412.625	4022.875	1078	250	250	0
1240	7607c	7607	South	412.875	4022.875	1080	250	250	0
1241	7607d	7607	South	412.375	4023.125	1078	250	250	0
1242	7607e	7607	South	412.625	4023.125	1078	250	250	0
1243	7607f	7607	South	412.875	4023.125	1080	250	250	0
1244	7607g	7607	South	412.375	4023.375	1078	250	250	0
1245	7607h	7607	South	412.625	4023.375	1079	250	250	0
1246	7607i	7607	South	412.875	4023.375	1080	250	250	0
1247	7607j	7607	South	412.375	4023.625	1078	250	250	0
1248	7607k	7607	South	412.625	4023.625	1079	250	250	0
1249	7607l	7607	South	412.875	4023.625	1080	250	250	0
1250	7607m	7607	South	412.375	4023.875	1078	250	250	0
1251	7607n	7607	South	412.625	4023.875	1079	250	250	0
1252	7607o	7607	South	412.875	4023.875	1080	250	250	0
1253	7608a	7608	South	413.125	4023.125	1082	250	250	0
1254	7608b	7608	South	413.375	4023.125	1083	250	250	0
1255	7608c	7608	South	413.625	4023.125	1084	250	250	0
1256	7608d	7608	South	413.875	4023.125	1084	250	250	0
1257	7608e	7608	South	413.125	4023.375	1082	250	250	0
1258	7608f	7608	South	413.375	4023.375	1084	250	250	0
1259	7608g	7608	South	413.625	4023.375	1085	250	250	0
1260	7608h	7608	South	413.875	4023.375	1084	250	250	0
1261	7608i	7608	South	413.125	4023.625	1082	250	250	0
1262	7608j	7608	South	413.375	4023.625	1084	250	250	0
1263	7608k	7608	South	413.625	4023.625	1084	250	250	0
1264	7608l	7608	South	413.875	4023.625	1084	250	250	0
1265	7608m	7608	South	413.125	4023.875	1081	250	250	0
1266	7608n	7608	South	413.375	4023.875	1083	250	250	0
1267	7608o	7608	South	413.625	4023.875	1083	250	250	0
1268	7608p	7608	South	413.875	4023.875	1083	250	250	0
1269	7609a	7609	South	414.125	4023.125	1084	250	250	0
1270	7609b	7609	South	414.375	4023.125	1084	250	250	0
1271	7609c	7609	South	414.625	4023.125	1084	250	250	0
1272	7609d	7609	South	414.875	4023.125	1085	250	250	0
1273	7609e	7609	South	414.125	4023.375	1083	250	250	0
1274	7609f	7609	South	414.375	4023.375	1083	250	250	0
1275	7609g	7609	South	414.625	4023.375	1083	250	250	0
1276	7609h	7609	South	414.875	4023.375	1084	250	250	0

Source Area Geometry for July 2002 to June 2003									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1277	7609i	7609	South	414.125	4023.625	1083	250	250	0
1278	7609j	7609	South	414.375	4023.625	1082	250	250	0
1279	7609k	7609	South	414.625	4023.625	1082	250	250	0
1280	7609l	7609	South	414.875	4023.625	1083	250	250	0
1281	7609m	7609	South	414.125	4023.875	1082	250	250	0
1282	7609n	7609	South	414.375	4023.875	1082	250	250	0
1283	7609o	7609	South	414.625	4023.875	1082	250	250	0
1284	7609p	7609	South	414.875	4023.875	1082	250	250	0
1285	7610a	7610	Central	415.125	4023.375	1085	250	250	0
1286	7610aa	7610	Central	416.375	4023.625	1086	250	250	0
1287	7610ab	7610	Central	416.125	4023.875	1085	250	250	0
1288	7610ac	7610	Central	416.375	4023.875	1085	250	250	0
1289	7610ad	7610	Central	416.125	4023.125	1089	250	250	0
1290	7610ae	7610	Central	415.125	4024.375	1080	250	250	0
1291	7610af	7610	Central	415.125	4024.625	1079	250	250	0
1292	7610ag	7610	Central	415.375	4024.375	1080	250	250	0
1293	7610ah	7610	Central	415.625	4024.375	1080	250	250	0
1294	7610b	7610	Central	415.375	4023.375	1086	250	250	0
1295	7610c	7610	Central	415.625	4023.375	1087	250	250	0
1296	7610d	7610	Central	415.875	4023.375	1087	250	250	0
1297	7610e	7610	Central	415.125	4023.625	1084	250	250	0
1298	7610f	7610	Central	415.375	4023.625	1085	250	250	0
1299	7610g	7610	Central	415.625	4023.625	1086	250	250	0
1300	7610h	7610	Central	415.875	4023.625	1086	250	250	0
1301	7610i	7610	Central	415.125	4023.875	1083	250	250	0
1302	7610j	7610	Central	415.375	4023.875	1083	250	250	0
1303	7610k	7610	Central	415.625	4023.875	1084	250	250	0
1304	7610l	7610	Central	415.875	4023.875	1084	250	250	0
1305	7610m	7610	Central	415.125	4024.125	1081	250	250	0
1306	7610n	7610	Central	415.375	4024.125	1082	250	250	0
1307	7610o	7610	Central	415.625	4024.125	1082	250	250	0
1308	7610p	7610	Central	415.875	4024.125	1083	250	250	0
1309	7610q	7610	Central	415.125	4023.125	1086	250	250	0
1310	7610r	7610	Central	415.375	4023.125	1087	250	250	0
1311	7610s	7610	Central	415.625	4023.125	1088	250	250	0
1312	7610t	7610	Central	415.125	4022.375	1089	250	250	0
1313	7610u	7610	Central	415.125	4022.625	1088	250	250	0
1314	7610v	7610	Central	415.125	4022.875	1087	250	250	0
1315	7610w	7610	Central	415.375	4022.875	1088	250	250	0
1316	7610x	7610	Central	416.125	4023.375	1088	250	250	0
1317	7610y	7610	Central	416.375	4023.375	1088	250	250	0
1318	7610z	7610	Central	416.125	4023.625	1086	250	250	0
1319	7611a	7611	Central	416.625	4023.625	1087	250	250	0
1320	7611b	7611	Central	416.625	4023.375	1089	250	250	0

Source Area Geometry for July 2002 to June 2003									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1321	7611c	7611	Central	416.875	4023.375	1091	250	250	0
1322	7611d	7611	Central	416.375	4023.125	1089	250	250	0
1323	7627a	7627	South	409.125	4022.375	1098	250	250	0
1324	7627b	7627	South	409.375	4022.375	1092	250	250	0
1325	7627c	7627	South	409.625	4022.375	1089	250	250	0
1326	7627d	7627	South	409.875	4022.375	1087	250	250	0
1327	7627e	7627	South	409.125	4022.625	1098	250	250	0
1328	7627f	7627	South	409.375	4022.625	1093	250	250	0
1329	7627g	7627	South	409.625	4022.625	1090	250	250	0
1330	7627h	7627	South	409.875	4022.625	1087	250	250	0
1331	7627i	7627	South	409.125	4022.875	1099	250	250	0
1332	7627j	7627	South	409.375	4022.875	1094	250	250	0
1333	7627k	7627	South	409.625	4022.875	1090	250	250	0
1334	7627l	7627	South	409.875	4022.875	1087	250	250	0
1335	7627m	7627	South	408.875	4022.875	1105	250	250	0
1336	7627n	7627	South	408.875	4023.125	1106	250	250	0
1337	7627o	7627	South	409.625	4022.125	1087	250	250	0
1338	7627p	7627	South	409.875	4022.125	1085	250	250	0
1339	7628a	7628	South	410.125	4022.125	1084	250	250	0
1340	7628b	7628	South	410.375	4022.125	1082	250	250	0
1341	7628c	7628	South	410.625	4022.125	1081	250	250	0
1342	7628d	7628	South	410.125	4022.375	1085	250	250	0
1343	7628e	7628	South	410.375	4022.375	1083	250	250	0
1344	7628f	7628	South	410.625	4022.375	1082	250	250	0
1345	7628g	7628	South	410.125	4022.625	1085	250	250	0
1346	7628h	7628	South	410.375	4022.625	1083	250	250	0
1347	7628i	7628	South	410.625	4022.625	1082	250	250	0
1348	7628j	7628	South	410.125	4022.875	1084	250	250	0
1349	7628k	7628	South	410.375	4022.875	1081	250	250	0
1350	7628l	7628	South	410.625	4022.875	1080	250	250	0
1351	7628m	7628	South	410.125	4023.125	1084	250	250	0
1352	7628n	7628	South	410.375	4023.125	1080	250	250	0
1353	7628o	7628	South	410.625	4023.125	1079	250	250	0
1354	7628p	7628	South	410.875	4022.125	1082	250	250	0
1355	7628q	7628	South	410.875	4022.375	1082	250	250	0
1356	7628r	7628	South	410.875	4022.625	1082	250	250	0
1357	7629a	7629	South	411.125	4022.375	1082	250	250	0
1358	8629a	7629	South	411.125	4021.875	1083	250	250	0
1359	8629b	7629	South	411.375	4021.875	1084	250	250	0
1360	8629c	7629	South	411.625	4021.875	1084	250	250	0
1361	8629d	7629	South	411.875	4021.875	1082	250	250	0
1362	8629e	7629	South	411.125	4022.125	1083	250	250	0
1363	8629f	7629	South	411.375	4022.125	1083	250	250	0
1364	8629g	7629	South	411.625	4022.125	1083	250	250	0

Source Area Geometry for July 2002 to June 2003									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1365	8629h	7629	South	411.875	4022.125	1082	250	250	0
1366	8629i	7629	South	411.625	4022.375	1082	250	250	0
1367	8629j	7629	South	411.875	4022.375	1081	250	250	0
1368	8629k	7629	South	411.625	4022.625	1082	250	250	0
1369	8629l	7629	South	411.875	4022.625	1080	250	250	0
1370	8629m	7629	South	411.625	4022.875	1081	250	250	0
1371	8629n	7629	South	411.875	4022.875	1080	250	250	0
1372	8629o	7629	South	412.125	4022.375	1080	250	250	0
1373	8629p	7629	South	412.125	4022.625	1079	250	250	0
1374	8629q	7629	South	412.125	4022.875	1079	250	250	0
1375	8629r	7629	South	412.375	4022.625	1078	250	250	0
1376	7630a	7630	South	412.625	4022.625	1078	250	250	0
1377	7630b	7630	South	412.375	4022.375	1079	250	250	0
1378	7630c	7630	South	412.625	4022.375	1078	250	250	0
1379	7630d	7630	South	412.875	4022.375	1079	250	250	0
1380	7630e	7630	South	412.125	4022.125	1080	250	250	0
1381	7630f	7630	South	412.375	4022.125	1079	250	250	0
1382	7630g	7630	South	412.625	4022.125	1079	250	250	0
1383	7630h	7630	South	412.875	4022.125	1080	250	250	0
1384	7631a	7631	South	413.125	4022.375	1080	250	250	0
1385	7631b	7631	South	413.375	4022.375	1081	250	250	0
1386	7631c	7631	South	413.625	4022.375	1082	250	250	0
1387	7631d	7631	South	413.875	4022.375	1083	250	250	0
1388	7631e	7631	South	413.125	4022.625	1080	250	250	0
1389	7631f	7631	South	413.375	4022.625	1081	250	250	0
1390	7631g	7631	South	413.625	4022.625	1082	250	250	0
1391	7631h	7631	South	413.875	4022.625	1083	250	250	0
1392	7631i	7631	South	413.125	4022.875	1081	250	250	0
1393	7631j	7631	South	413.375	4022.875	1082	250	250	0
1394	7631k	7631	South	413.625	4022.875	1083	250	250	0
1395	7631l	7631	South	413.875	4022.875	1084	250	250	0
1396	7631m	7631	South	412.875	4022.625	1079	250	250	0
1397	7632a	7632	South	414.125	4022.125	1085	250	250	0
1398	7632b	7632	South	414.375	4022.125	1086	250	250	0
1399	7632c	7632	South	414.625	4022.125	1087	250	250	0
1400	7632d	7632	South	414.875	4022.125	1089	250	250	0
1401	7632e	7632	South	414.125	4022.375	1085	250	250	0
1402	7632f	7632	South	414.375	4022.375	1086	250	250	0
1403	7632g	7632	South	414.625	4022.375	1087	250	250	0
1404	7632h	7632	South	414.875	4022.375	1088	250	250	0
1405	7632i	7632	South	414.125	4022.625	1084	250	250	0
1406	7632j	7632	South	414.375	4022.625	1085	250	250	0
1407	7632k	7632	South	414.625	4022.625	1086	250	250	0
1408	7632l	7632	South	414.875	4022.625	1087	250	250	0

Source Area Geometry for July 2002 to June 2003									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1409	7632m	7632	South	414.125	4022.875	1084	250	250	0
1410	7632n	7632	South	414.375	4022.875	1085	250	250	0
1411	7632o	7632	South	414.625	4022.875	1085	250	250	0
1412	7632p	7632	South	414.875	4022.875	1086	250	250	0
1413	7633a	7633	Central	415.625	4022.875	1088	250	250	0
1414	7633b	7633	Central	415.375	4022.375	1089	250	250	0
1415	7633c	7633	Central	415.625	4022.375	1090	250	250	0
1416	7633e	7633	Central	415.375	4022.625	1088	250	250	0
1417	7633f	7633	Central	415.625	4022.625	1089	250	250	0
1418	7633h	7633	Central	415.125	4022.125	1090	250	250	0
1419	8633a	7633	Central	415.875	4022.875	1089	250	250	0
1420	8633b	7633	Central	415.875	4023.125	1088	250	250	0
1421	8633d	7633	Central	415.875	4022.375	1092	250	250	0
1422	8633g	7633	Central	415.875	4022.625	1090	250	250	0
1423	7650a	7650	South	409.125	4021.125	1090	250	250	0
1424	7650b	7650	South	409.375	4021.125	1084	250	250	0
1425	7650c	7650	South	409.125	4021.375	1093	250	250	0
1426	7650d	7650	South	409.375	4021.375	1086	250	250	0
1427	7650e	7650	South	409.125	4021.625	1094	250	250	0
1428	7650f	7650	South	409.375	4021.625	1088	250	250	0
1429	7650g	7650	South	409.125	4021.875	1095	250	250	0
1430	7650h	7650	South	409.375	4021.875	1089	250	250	0
1431	7650i	7650	South	409.125	4022.125	1096	250	250	0
1432	7650j	7650	South	409.375	4022.125	1091	250	250	0
1433	7650k	7650	South	409.625	4021.625	1084	250	250	0
1434	7650l	7650	South	409.875	4021.625	1083	250	250	0
1435	7650m	7650	South	409.625	4021.875	1086	250	250	0
1436	7650n	7650	South	409.875	4021.875	1084	250	250	0
1437	7650o	7650	South	409.125	4020.625	1084	250	250	0
1438	7650p	7650	South	409.375	4020.625	1079	250	250	0
1439	7650q	7650	South	409.125	4020.875	1087	250	250	0
1440	7650r	7650	South	409.375	4020.875	1081	250	250	0
1441	7651a	7651	South	410.125	4021.625	1082	250	250	0
1442	7651b	7651	South	410.375	4021.625	1080	250	250	0
1443	7651c	7651	South	410.625	4021.625	1080	250	250	0
1444	7651d	7651	South	410.125	4021.875	1083	250	250	0
1445	7651e	7651	South	410.375	4021.875	1081	250	250	0
1446	7651f	7651	South	410.625	4021.875	1081	250	250	0
1447	7651g	7651	South	410.875	4021.875	1082	250	250	0
1448	8651a	7651	South	410.625	4021.125	1080	250	250	0
1449	8651b	7651	South	410.875	4021.125	1081	250	250	0
1450	8651c	7651	South	410.625	4021.375	1080	250	250	0
1451	8651d	7651	South	410.875	4021.375	1081	250	250	0
1452	8651e	7651	South	410.875	4021.625	1082	250	250	0

Source Area Geometry for July 2002 to June 2003									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1453	7652a	7652	South	411.125	4021.125	1082	250	250	0
1454	7652b	7652	South	411.375	4021.125	1084	250	250	0
1455	7652c	7652	South	411.625	4021.125	1084	250	250	0
1456	7652d	7652	South	411.875	4021.125	1082	250	250	0
1457	7652e	7652	South	411.125	4021.375	1083	250	250	0
1458	7652f	7652	South	411.375	4021.375	1084	250	250	0
1459	7652g	7652	South	411.625	4021.375	1084	250	250	0
1460	7652h	7652	South	411.875	4021.375	1082	250	250	0
1461	7652i	7652	South	411.125	4021.625	1083	250	250	0
1462	7652j	7652	South	411.375	4021.625	1084	250	250	0
1463	7652k	7652	South	411.625	4021.625	1084	250	250	0
1464	7652l	7652	South	411.875	4021.625	1083	250	250	0
1465	7653a	7653	South	412.125	4021.125	1080	250	250	0
1466	7653b	7653	South	412.375	4021.125	1078	250	250	0
1467	7653c	7653	South	412.625	4021.125	1078	250	250	0
1468	7653d	7653	South	412.875	4021.125	1079	250	250	0
1469	7653e	7653	South	412.125	4021.375	1081	250	250	0
1470	7653f	7653	South	412.375	4021.375	1079	250	250	0
1471	7653g	7653	South	412.625	4021.375	1079	250	250	0
1472	7653h	7653	South	412.875	4021.375	1080	250	250	0
1473	7653i	7653	South	412.125	4021.625	1081	250	250	0
1474	7653j	7653	South	412.375	4021.625	1079	250	250	0
1475	7653k	7653	South	412.625	4021.625	1079	250	250	0
1476	7653l	7653	South	412.875	4021.625	1080	250	250	0
1477	7653m	7653	South	412.125	4021.875	1080	250	250	0
1478	7653n	7653	South	412.375	4021.875	1079	250	250	0
1479	7653o	7653	South	412.625	4021.875	1079	250	250	0
1480	7653p	7653	South	412.875	4021.875	1080	250	250	0
1481	7653q	7653	South	412.625	4020.875	1077	250	250	0
1482	7653r	7653	South	412.875	4020.875	1078	250	250	0
1483	7653s	7653	South	412.875	4020.625	1077	250	250	0
1484	7654a	7654	South	413.125	4020.875	1079	250	250	0
1485	7654b	7654	South	413.375	4020.875	1080	250	250	0
1486	7654c	7654	South	413.125	4021.125	1080	250	250	0
1487	7654d	7654	South	413.375	4021.125	1081	250	250	0
1488	7654e	7654	South	413.125	4021.375	1081	250	250	0
1489	7654f	7654	South	413.375	4021.375	1083	250	250	0
1490	7654g	7654	South	413.125	4021.625	1082	250	250	0
1491	7654h	7654	South	413.375	4021.625	1083	250	250	0
1492	7654i	7654	South	413.125	4021.875	1081	250	250	0
1493	7654j	7654	South	413.375	4021.875	1082	250	250	0
1494	7654k	7654	South	413.125	4022.125	1081	250	250	0
1495	7654l	7654	South	413.375	4022.125	1082	250	250	0
1496	7654m	7654	South	413.625	4020.875	1081	250	250	0

Source Area Geometry for July 2002 to June 2003									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1497	7654n	7654	South	413.625	4021.125	1083	250	250	0
1498	7654o	7654	South	413.625	4021.375	1084	250	250	0
1499	7654p	7654	South	413.625	4021.625	1084	250	250	0
1500	7654q	7654	South	413.875	4021.625	1085	250	250	0
1501	7654r	7654	South	413.125	4020.625	1078	250	250	0
1502	7654s	7654	South	413.875	4020.625	1082	250	250	0
1503	7654t	7654	South	413.875	4020.875	1083	250	250	0
1504	7654u	7654	South	413.875	4021.125	1084	250	250	0
1505	7654v	7654	South	414.125	4020.875	1084	250	250	0
1506	7655a	7655	South	414.875	4021.625	1090	250	250	0
1507	8655a	7655	South	414.125	4021.625	1086	250	250	0
1508	8655b	7655	South	414.375	4021.625	1087	250	250	0
1509	8655c	7655	South	414.625	4021.625	1088	250	250	0
1510	8655d	7655	South	414.125	4021.875	1086	250	250	0
1511	8655e	7655	South	414.375	4021.875	1087	250	250	0
1512	8655f	7655	South	414.625	4021.875	1088	250	250	0
1513	8655g	7655	South	414.875	4021.875	1089	250	250	0
1514	8655h	7655	South	414.125	4021.125	1085	250	250	0
1515	8655i	7655	South	414.375	4021.125	1086	250	250	0
1516	8655j	7655	South	414.125	4021.375	1086	250	250	0
1517	8655k	7655	South	414.375	4021.375	1087	250	250	0
1518	8655l	7655	South	413.875	4021.375	1085	250	250	0
1519	7673a	7673	South	409.125	4020.125	1083	250	250	0
1520	7673b	7673	South	409.375	4020.125	1078	250	250	0
1521	7673c	7673	South	409.625	4020.125	1076	250	250	0
1522	7673d	7673	South	409.875	4020.125	1077	250	250	0
1523	7673e	7673	South	409.125	4020.375	1083	250	250	0
1524	7673f	7673	South	409.375	4020.375	1078	250	250	0
1525	7673g	7673	South	409.625	4020.375	1076	250	250	0
1526	7673h	7673	South	409.875	4020.375	1077	250	250	0
1527	7674a	7674	South	410.125	4020.125	1078	250	250	0
1528	7674b	7674	South	410.375	4020.125	1079	250	250	0
1529	7674c	7674	South	410.625	4020.125	1080	250	250	0
1530	7674d	7674	South	410.125	4020.375	1077	250	250	0
1531	7674e	7674	South	410.375	4020.375	1078	250	250	0
1532	7674f	7674	South	410.625	4020.375	1079	250	250	0
1533	7674g	7674	South	410.375	4020.625	1078	250	250	0
1534	7674h	7674	South	410.625	4020.625	1079	250	250	0
1535	7674i	7674	South	410.625	4020.875	1079	250	250	0
1536	7675a	7675	South	410.875	4020.125	1080	250	250	0
1537	7675b	7675	South	410.875	4020.375	1080	250	250	0
1538	7675c	7675	South	410.875	4020.625	1080	250	250	0
1539	7675d	7675	South	410.875	4020.875	1081	250	250	0
1540	7675e	7675	South	411.125	4020.125	1081	250	250	0

Source Area Geometry for July 2002 to June 2003									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1541	7675f	7675	South	411.375	4020.125	1081	250	250	0
1542	7675g	7675	South	411.625	4020.125	1081	250	250	0
1543	7675h	7675	South	411.125	4020.375	1081	250	250	0
1544	7675i	7675	South	411.375	4020.375	1082	250	250	0
1545	7675j	7675	South	411.625	4020.375	1082	250	250	0
1546	7675k	7675	South	411.125	4020.625	1081	250	250	0
1547	7675l	7675	South	411.375	4020.625	1082	250	250	0
1548	7675m	7675	South	411.625	4020.625	1082	250	250	0
1549	7675n	7675	South	411.125	4020.875	1082	250	250	0
1550	7675o	7675	South	411.375	4020.875	1083	250	250	0
1551	7675p	7675	South	411.625	4020.875	1083	250	250	0
1552	7675q	7675	South	411.875	4020.625	1080	250	250	0
1553	7675r	7675	South	411.875	4020.875	1081	250	250	0
1554	7676a	7676	South	412.125	4020.125	1079	250	250	0
1555	7676b	7676	South	412.125	4020.375	1078	250	250	0
1556	7676c	7676	South	412.125	4020.625	1079	250	250	0
1557	7676d	7676	South	412.125	4020.875	1079	250	250	0
1558	7676e	7676	South	412.375	4020.125	1078	250	250	0
1559	7676f	7676	South	412.375	4020.375	1077	250	250	0
1560	7676g	7676	South	412.625	4020.125	1078	250	250	0
1561	8676a	7676	South	412.375	4020.625	1077	250	250	0
1562	8676b	7676	South	412.375	4020.875	1077	250	250	0
1563	8676c	7676	South	412.625	4020.375	1077	250	250	0
1564	8676d	7676	South	412.625	4020.625	1076	250	250	0
1565	8676e	7676	South	412.875	4020.125	1079	250	250	0
1566	8676f	7676	South	412.875	4020.375	1078	250	250	0
1567	7677a	7677	South	413.125	4020.375	1079	250	250	0
1568	7677b	7677	South	413.375	4020.375	1080	250	250	0
1569	7677c	7677	South	413.625	4020.375	1081	250	250	0
1570	7677d	7677	South	413.875	4020.375	1082	250	250	0
1571	7677e	7677	South	413.375	4020.625	1079	250	250	0
1572	7677f	7677	South	413.625	4020.625	1080	250	250	0
1573	7678a	7678	South	414.375	4020.875	1085	250	250	0
1574	7678b	7678	South	414.125	4020.625	1083	250	250	0
1575	7678c	7678	South	414.375	4020.625	1084	250	250	0
1576	7678d	7678	South	414.625	4020.625	1087	250	250	0
1577	7696a	7696	South	409.375	4019.375	1080	250	250	0
1578	7696b	7696	South	409.625	4019.375	1078	250	250	0
1579	7696c	7696	South	409.875	4019.375	1079	250	250	0
1580	7696d	7696	South	409.375	4019.625	1078	250	250	0
1581	7696e	7696	South	409.625	4019.625	1077	250	250	0
1582	7696f	7696	South	409.875	4019.625	1078	250	250	0
1583	7696g	7696	South	409.375	4019.875	1078	250	250	0
1584	7696h	7696	South	409.625	4019.875	1076	250	250	0

Source Area Geometry for July 2002 to June 2003									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1585	7696i	7696	South	409.875	4019.875	1077	250	250	0
1586	7696j	7696	South	409.875	4019.125	1082	250	250	0
1587	7697a	7697	South	411.125	4019.375	1081	250	250	0
1588	8697a	7697	South	410.125	4019.375	1081	250	250	0
1589	8697b	7697	South	410.375	4019.375	1082	250	250	0
1590	8697c	7697	South	410.625	4019.375	1082	250	250	0
1591	8697d	7697	South	410.875	4019.375	1082	250	250	0
1592	8697e	7697	South	410.125	4019.625	1079	250	250	0
1593	8697f	7697	South	410.375	4019.625	1080	250	250	0
1594	8697g	7697	South	410.625	4019.625	1081	250	250	0
1595	8697h	7697	South	410.875	4019.625	1081	250	250	0
1596	8697i	7697	South	410.125	4019.875	1079	250	250	0
1597	8697j	7697	South	410.375	4019.875	1080	250	250	0
1598	8697k	7697	South	410.625	4019.875	1080	250	250	0
1599	8697l	7697	South	410.875	4019.875	1080	250	250	0
1600	8697m	7697	South	410.125	4019.125	1083	250	250	0
1601	8697n	7697	South	410.375	4019.125	1084	250	250	0
1602	8697o	7697	South	411.375	4019.875	1081	250	250	0
1603	8697p	7697	South	411.125	4019.625	1081	250	250	0
1604	8697q	7697	South	411.125	4019.875	1081	250	250	0
1605	8519a	8519	Central	417.125	4027.125	1076	250	250	0
1606	8519b	8519	Central	417.125	4027.375	1075	250	250	0
1607	8519c	8519	Central	417.125	4027.625	1076	250	250	0
1608	8519d	8519	Central	417.125	4027.875	1077	250	250	0

Appendix B: Source Area Configurations

Used for July 2003 through June 2004

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1	1891a	1891	North	407.875	4041.625	1098	250	250	0
2	1891b	1891	North	408.125	4041.625	1096	250	250	0
3	1891c	1891	North	407.875	4041.875	1097	250	250	0
4	1891d	1891	North	408.125	4041.875	1096	250	250	0
5	1891e	1891	North	407.875	4042.125	1097	250	250	0
6	1891f	1891	North	408.125	4042.125	1096	250	250	0
7	1891g	1891	North	407.875	4042.375	1097	250	250	0
8	1891h	1891	North	408.125	4042.375	1096	250	250	0
9	2413a	2413	North	414.625	4039.375	1078	250	250	0
10	2413b	2413	North	414.625	4039.625	1079	250	250	0
11	2829a	2829	North	408.625	4037.125	1086	250	250	0
12	2829b	2829	North	408.875	4037.125	1081	250	250	0
13	2829c	2829	North	409.125	4037.125	1077	250	250	0
14	2829d	2829	North	409.375	4037.125	1072	250	250	0
15	2829e	2829	North	408.625	4037.375	1086	250	250	0
16	2829f	2829	North	408.875	4037.375	1081	250	250	0
17	2829g	2829	North	409.125	4037.375	1077	250	250	0
18	2829h	2829	North	409.375	4037.375	1072	250	250	0
19	2829i	2829	North	408.625	4037.625	1087	250	250	0
20	2829j	2829	North	408.875	4037.625	1082	250	250	0
21	2829k	2829	North	409.125	4037.625	1077	250	250	0
22	2829l	2829	North	409.375	4037.625	1073	250	250	0
23	2829m	2829	North	408.625	4037.875	1088	250	250	0
24	2829n	2829	North	408.875	4037.875	1083	250	250	0
25	2829o	2829	North	409.125	4037.875	1079	250	250	0
26	2829p	2829	North	409.375	4037.875	1074	250	250	0
27	2942a	2942	North	421.715	4038.045	1099	233	107	-45
28	2942b	2942	North	421.880	4037.880	1099	233	107	-45
29	2942c	2942	North	422.045	4037.715	1097	233	107	-45
30	4071a	4071	North	418.625	4033.125	1073	250	250	0
31	4071b	4071	North	418.875	4033.125	1074	250	250	0
32	4071c	4071	North	418.625	4033.375	1073	250	250	0
33	4071d	4071	North	418.875	4033.375	1074	250	250	0
34	4071e	4071	North	418.625	4033.625	1073	250	250	0
35	4071f	4071	North	418.875	4033.625	1075	250	250	0
36	4071g	4071	North	418.625	4033.875	1074	250	250	0
37	4071h	4071	North	418.875	4033.875	1075	250	250	0
38	5449a	5449	Central	417.875	4026.125	1077	250	250	0
39	5449b	5449	Central	418.125	4026.125	1077	250	250	0
40	5449c	5449	Central	417.875	4026.375	1076	250	250	0
41	5449d	5449	Central	418.125	4026.375	1076	250	250	0
42	5449e	5449	Central	417.875	4026.625	1076	250	250	0
43	5449f	5449	Central	418.125	4026.625	1076	250	250	0
44	5449g	5449	Central	417.875	4026.875	1076	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
45	5449h	5449	Central	418.125	4026.875	1076	250	250	0
46	5449i	5449	Central	418.125	4025.875	1078	250	250	0
47	5681a	5681	Central	418.875	4026.125	1079	250	250	0
48	5681b	5681	Central	419.125	4026.125	1081	250	250	0
49	5829a	5829	South	410.125	4024.625	1085	250	250	0
50	5829b	5829	South	410.375	4024.625	1082	250	250	0
51	5829c	5829	South	410.125	4024.875	1085	250	250	0
52	5829d	5829	South	410.375	4024.875	1081	250	250	0
53	6314a	6314	South	413.625	4021.875	1083	250	250	0
54	6314b	6314	South	413.875	4021.875	1085	250	250	0
55	6314c	6314	South	413.625	4022.125	1083	250	250	0
56	6314d	6314	South	413.875	4022.125	1084	250	250	0
57	7144a	7144	North	409.125	4043.125	1097	250	250	0
58	7144b	7144	North	409.375	4043.125	1097	250	250	0
59	7144c	7144	North	409.625	4043.125	1097	250	250	0
60	7144d	7144	North	409.875	4043.125	1096	250	250	0
61	7144e	7144	North	409.125	4043.375	1099	250	250	0
62	7144f	7144	North	409.375	4043.375	1099	250	250	0
63	7144g	7144	North	409.625	4043.375	1099	250	250	0
64	7144h	7144	North	409.875	4043.375	1097	250	250	0
65	7144i	7144	North	409.125	4043.625	1101	250	250	0
66	7144j	7144	North	409.375	4043.625	1101	250	250	0
67	7144k	7144	North	409.625	4043.625	1100	250	250	0
68	7144l	7144	North	409.875	4043.625	1099	250	250	0
69	7144m	7144	North	409.375	4043.875	1102	250	250	0
70	7144n	7144	North	409.625	4043.875	1102	250	250	0
71	7144o	7144	North	409.875	4043.875	1101	250	250	0
72	7145a	7145	North	410.125	4043.125	1095	250	250	0
73	7145b	7145	North	410.375	4043.125	1094	250	250	0
74	7145c	7145	North	410.625	4043.125	1094	250	250	0
75	7145d	7145	North	410.875	4043.125	1094	250	250	0
76	7145e	7145	North	410.125	4043.375	1096	250	250	0
77	7145f	7145	North	410.375	4043.375	1095	250	250	0
78	7145g	7145	North	410.625	4043.375	1094	250	250	0
79	7145h	7145	North	410.875	4043.375	1095	250	250	0
80	7145i	7145	North	410.125	4043.625	1098	250	250	0
81	7145j	7145	North	410.375	4043.625	1097	250	250	0
82	7145k	7145	North	410.625	4043.625	1096	250	250	0
83	7145l	7145	North	410.875	4043.625	1096	250	250	0
84	7145m	7145	North	410.125	4043.875	1100	250	250	0
85	7145n	7145	North	410.375	4043.875	1099	250	250	0
86	7145o	7145	North	410.625	4043.875	1098	250	250	0
87	7145p	7145	North	410.875	4043.875	1097	250	250	0
88	7167a	7167	North	409.125	4042.125	1092	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
89	7167b	7167	North	409.375	4042.125	1090	250	250	0
90	7167c	7167	North	409.625	4042.125	1089	250	250	0
91	7167d	7167	North	409.875	4042.125	1089	250	250	0
92	7167e	7167	North	409.125	4042.375	1093	250	250	0
93	7167f	7167	North	409.375	4042.375	1091	250	250	0
94	7167g	7167	North	409.625	4042.375	1091	250	250	0
95	7167h	7167	North	409.875	4042.375	1091	250	250	0
96	7167i	7167	North	409.125	4042.625	1094	250	250	0
97	7167j	7167	North	409.375	4042.625	1093	250	250	0
98	7167k	7167	North	409.625	4042.625	1093	250	250	0
99	7167l	7167	North	409.875	4042.625	1092	250	250	0
100	7167m	7167	North	409.125	4042.875	1096	250	250	0
101	7167n	7167	North	409.375	4042.875	1095	250	250	0
102	7167o	7167	North	409.625	4042.875	1095	250	250	0
103	7167p	7167	North	409.875	4042.875	1094	250	250	0
104	7168a	7168	North	410.125	4042.125	1089	250	250	0
105	7168b	7168	North	410.375	4042.125	1089	250	250	0
106	7168c	7168	North	410.125	4042.375	1091	250	250	0
107	7168d	7168	North	410.375	4042.375	1091	250	250	0
108	7168e	7168	North	410.125	4042.625	1092	250	250	0
109	7168f	7168	North	410.375	4042.625	1092	250	250	0
110	7168g	7168	North	410.125	4042.875	1093	250	250	0
111	7168h	7168	North	410.375	4042.875	1093	250	250	0
112	7168i	7168	North	410.625	4042.125	1089	250	250	0
113	7168j	7168	North	410.625	4042.375	1091	250	250	0
114	7172a	7172	North	414.125	4042.125	1095	250	250	0
115	7172b	7172	North	414.375	4042.125	1095	250	250	0
116	7172c	7172	North	414.625	4042.125	1096	250	250	0
117	7172d	7172	North	414.875	4042.125	1096	250	250	0
118	7172e	7172	North	414.125	4042.375	1096	250	250	0
119	7172f	7172	North	414.375	4042.375	1096	250	250	0
120	7172g	7172	North	414.625	4042.375	1097	250	250	0
121	7172h	7172	North	414.875	4042.375	1097	250	250	0
122	7172i	7172	North	414.125	4042.625	1097	250	250	0
123	7172j	7172	North	414.375	4042.625	1097	250	250	0
124	7172k	7172	North	414.625	4042.625	1098	250	250	0
125	7172l	7172	North	414.875	4042.625	1098	250	250	0
126	7172m	7172	North	414.125	4042.875	1098	250	250	0
127	7172n	7172	North	414.375	4042.875	1098	250	250	0
128	7172o	7172	North	414.625	4042.875	1099	250	250	0
129	7172p	7172	North	414.875	4042.875	1099	250	250	0
130	7172q	7172	North	415.125	4042.125	1097	250	250	0
131	7172r	7172	North	415.125	4042.375	1098	250	250	0
132	7172s	7172	North	415.125	4042.625	1099	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
133	7172t	7172	North	415.125	4042.875	1100	250	250	0
134	7172u	7172	North	415.375	4042.375	1099	250	250	0
135	7172v	7172	North	415.375	4042.625	1100	250	250	0
136	7173a	7173	North	415.625	4042.375	1099	250	250	0
137	7173b	7173	North	415.875	4042.375	1100	250	250	0
138	7173c	7173	North	415.625	4042.625	1100	250	250	0
139	7173d	7173	North	415.875	4042.625	1101	250	250	0
140	7173e	7173	North	415.625	4042.875	1101	250	250	0
141	7173f	7173	North	415.875	4042.875	1102	250	250	0
142	7173g	7173	North	415.375	4042.875	1100	250	250	0
143	7173h	7173	North	415.375	4043.125	1101	250	250	0
144	7173i	7173	North	415.625	4043.125	1102	250	250	0
145	7173j	7173	North	415.875	4043.125	1103	250	250	0
146	7173k	7173	North	415.375	4043.375	1102	250	250	0
147	7173l	7173	North	415.625	4043.375	1103	250	250	0
148	7173m	7173	North	415.875	4043.375	1104	250	250	0
149	7174a	7174	North	416.625	4042.375	1102	250	250	0
150	7174b	7174	North	416.875	4042.375	1103	250	250	0
151	7174c	7174	North	416.625	4042.625	1104	250	250	0
152	7174d	7174	North	416.875	4042.625	1105	250	250	0
153	7174e	7174	North	416.625	4042.875	1105	250	250	0
154	7174f	7174	North	416.875	4042.875	1108	250	250	0
155	7174g	7174	North	416.125	4042.375	1101	250	250	0
156	7174h	7174	North	416.375	4042.375	1101	250	250	0
157	7175a	7175	North	417.125	4042.375	1104	250	250	0
158	7175b	7175	North	417.375	4042.375	1106	250	250	0
159	7175c	7175	North	417.125	4042.625	1107	250	250	0
160	7175d	7175	North	417.375	4042.625	1109	250	250	0
161	7175e	7175	North	417.125	4042.875	1111	250	250	0
162	7175f	7175	North	417.375	4042.875	1114	250	250	0
163	7175g	7175	North	417.625	4042.375	1107	250	250	0
164	7175h	7175	North	417.625	4042.625	1111	250	250	0
165	7190a	7190	North	409.125	4041.125	1087	250	250	0
166	7190b	7190	North	409.375	4041.125	1084	250	250	0
167	7190c	7190	North	409.625	4041.125	1083	250	250	0
168	7190d	7190	North	409.875	4041.125	1083	250	250	0
169	7190e	7190	North	409.125	4041.375	1088	250	250	0
170	7190f	7190	North	409.375	4041.375	1086	250	250	0
171	7190g	7190	North	409.625	4041.375	1085	250	250	0
172	7190h	7190	North	409.875	4041.375	1084	250	250	0
173	7190i	7190	North	409.125	4041.625	1089	250	250	0
174	7190j	7190	North	409.375	4041.625	1087	250	250	0
175	7190k	7190	North	409.625	4041.625	1086	250	250	0
176	7190l	7190	North	409.875	4041.625	1086	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
177	7190m	7190	North	409.125	4041.875	1090	250	250	0
178	7190n	7190	North	409.375	4041.875	1089	250	250	0
179	7190o	7190	North	409.625	4041.875	1088	250	250	0
180	7190p	7190	North	409.875	4041.875	1088	250	250	0
181	7191a	7191	North	410.125	4041.375	1084	250	250	0
182	7191b	7191	North	410.375	4041.375	1084	250	250	0
183	7191c	7191	North	410.625	4041.375	1084	250	250	0
184	7191d	7191	North	410.125	4041.625	1086	250	250	0
185	7191e	7191	North	410.375	4041.625	1086	250	250	0
186	7191f	7191	North	410.625	4041.625	1086	250	250	0
187	7191g	7191	North	410.125	4041.875	1088	250	250	0
188	7191h	7191	North	410.375	4041.875	1087	250	250	0
189	7191i	7191	North	410.625	4041.875	1088	250	250	0
190	7191j	7191	North	410.875	4041.625	1087	250	250	0
191	7191k	7191	North	410.875	4041.875	1089	250	250	0
192	7191l	7191	North	410.125	4041.125	1082	250	250	0
193	7192a	7192	North	411.125	4041.125	1084	250	250	0
194	7192b	7192	North	411.375	4041.125	1085	250	250	0
195	7192c	7192	North	411.625	4041.125	1086	250	250	0
196	7192d	7192	North	411.875	4041.125	1087	250	250	0
197	7192e	7192	North	411.125	4041.375	1087	250	250	0
198	7192f	7192	North	411.375	4041.375	1088	250	250	0
199	7192g	7192	North	411.625	4041.375	1088	250	250	0
200	7192h	7192	North	411.875	4041.375	1089	250	250	0
201	7192i	7192	North	411.125	4041.625	1088	250	250	0
202	7192j	7192	North	411.375	4041.625	1089	250	250	0
203	7192k	7192	North	411.625	4041.625	1090	250	250	0
204	7192l	7192	North	411.875	4041.625	1090	250	250	0
205	7192m	7192	North	411.375	4041.875	1090	250	250	0
206	7192n	7192	North	410.375	4041.125	1082	250	250	0
207	7192o	7192	North	410.625	4041.125	1082	250	250	0
208	7192p	7192	North	410.875	4041.125	1083	250	250	0
209	7192q	7192	North	410.875	4041.375	1085	250	250	0
210	7193a	7193	North	412.875	4041.375	1091	250	250	0
211	7193b	7193	North	413.125	4041.375	1091	250	250	0
212	7193c	7193	North	413.375	4041.125	1089	250	250	0
213	7193d	7193	North	413.625	4040.875	1087	250	250	0
214	7193e	7193	North	413.875	4040.625	1086	250	250	0
215	7193f	7193	North	414.125	4040.375	1084	250	250	0
216	7193g	7193	North	414.375	4040.125	1082	250	250	0
217	7193h	7193	North	414.375	4039.875	1081	250	250	0
218	7195a	7195	North	414.125	4041.125	1090	250	250	0
219	7195b	7195	North	414.375	4041.125	1090	250	250	0
220	7195c	7195	North	414.625	4041.125	1090	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
221	7195d	7195	North	414.125	4041.375	1092	250	250	0
222	7195e	7195	North	414.375	4041.375	1092	250	250	0
223	7195f	7195	North	414.625	4041.375	1092	250	250	0
224	7195g	7195	North	414.125	4041.625	1093	250	250	0
225	7195h	7195	North	414.375	4041.625	1093	250	250	0
226	7195i	7195	North	414.625	4041.625	1094	250	250	0
227	7195j	7195	North	414.125	4041.875	1094	250	250	0
228	7195k	7195	North	414.375	4041.875	1094	250	250	0
229	7195l	7195	North	414.625	4041.875	1095	250	250	0
230	7195m	7195	North	414.875	4041.625	1094	250	250	0
231	7195n	7195	North	414.875	4041.875	1095	250	250	0
232	7195o	7195	North	415.125	4041.625	1095	250	250	0
233	7195p	7195	North	415.125	4041.875	1096	250	250	0
234	7196a	7196	North	415.375	4041.125	1092	250	250	0
235	7196b	7196	North	415.625	4041.125	1093	250	250	0
236	7196c	7196	North	415.875	4041.125	1093	250	250	0
237	7196d	7196	North	415.375	4041.375	1094	250	250	0
238	7196e	7196	North	415.625	4041.375	1094	250	250	0
239	7196f	7196	North	415.875	4041.375	1095	250	250	0
240	7196g	7196	North	415.375	4041.625	1095	250	250	0
241	7196h	7196	North	415.625	4041.625	1096	250	250	0
242	7196i	7196	North	415.875	4041.625	1096	250	250	0
243	7196j	7196	North	415.375	4041.875	1096	250	250	0
244	7196k	7196	North	415.625	4041.875	1097	250	250	0
245	7196l	7196	North	415.875	4041.875	1098	250	250	0
246	7196m	7196	North	415.125	4041.125	1092	250	250	0
247	7196n	7196	North	415.125	4041.375	1093	250	250	0
248	7196o	7196	North	415.375	4042.125	1097	250	250	0
249	7196p	7196	North	415.625	4042.125	1098	250	250	0
250	7196q	7196	North	415.875	4042.125	1099	250	250	0
251	7197a	7197	North	416.125	4041.125	1094	250	250	0
252	7197b	7197	North	416.375	4041.125	1094	250	250	0
253	7197c	7197	North	416.625	4041.125	1095	250	250	0
254	7197d	7197	North	416.875	4041.125	1095	250	250	0
255	7197e	7197	North	416.125	4041.375	1095	250	250	0
256	7197f	7197	North	416.375	4041.375	1096	250	250	0
257	7197g	7197	North	416.625	4041.375	1096	250	250	0
258	7197h	7197	North	416.875	4041.375	1097	250	250	0
259	7197i	7197	North	416.125	4041.625	1097	250	250	0
260	7197j	7197	North	416.375	4041.625	1098	250	250	0
261	7197k	7197	North	416.625	4041.625	1098	250	250	0
262	7197l	7197	North	416.875	4041.625	1098	250	250	0
263	7197m	7197	North	416.125	4041.875	1098	250	250	0
264	7197n	7197	North	416.375	4041.875	1099	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
265	7197o	7197	North	416.625	4041.875	1099	250	250	0
266	7197p	7197	North	416.875	4041.875	1100	250	250	0
267	7197q	7197	North	416.125	4042.125	1099	250	250	0
268	7197r	7197	North	416.375	4042.125	1100	250	250	0
269	7197s	7197	North	416.625	4042.125	1101	250	250	0
270	7197t	7197	North	416.875	4042.125	1102	250	250	0
271	7198a	7198	North	417.125	4041.125	1096	250	250	0
272	7198b	7198	North	417.375	4041.125	1096	250	250	0
273	7198c	7198	North	417.625	4041.125	1097	250	250	0
274	7198d	7198	North	417.875	4041.125	1098	250	250	0
275	7198e	7198	North	417.125	4041.375	1097	250	250	0
276	7198f	7198	North	417.375	4041.375	1098	250	250	0
277	7198g	7198	North	417.625	4041.375	1098	250	250	0
278	7198h	7198	North	417.875	4041.375	1099	250	250	0
279	7198i	7198	North	417.125	4041.625	1099	250	250	0
280	7198j	7198	North	417.375	4041.625	1099	250	250	0
281	7198k	7198	North	417.625	4041.625	1100	250	250	0
282	7198l	7198	North	417.875	4041.625	1101	250	250	0
283	7198m	7198	North	417.125	4041.875	1101	250	250	0
284	7198n	7198	North	417.375	4041.875	1101	250	250	0
285	7198o	7198	North	417.625	4041.875	1102	250	250	0
286	7198p	7198	North	417.875	4041.875	1104	250	250	0
287	7198q	7198	North	417.125	4042.125	1103	250	250	0
288	7198r	7198	North	417.375	4042.125	1104	250	250	0
289	7198s	7198	North	417.625	4042.125	1105	250	250	0
290	7198t	7198	North	418.125	4041.125	1099	250	250	0
291	7199a	7199	North	418.125	4041.375	1101	250	250	0
292	7199b	7199	North	418.375	4041.375	1102	250	250	0
293	7199c	7199	North	418.625	4041.375	1107	250	250	0
294	7199d	7199	North	418.125	4041.625	1103	250	250	0
295	7199e	7199	North	418.375	4041.625	1104	250	250	0
296	7199f	7199	North	418.625	4041.625	1110	250	250	0
297	7199g	7199	North	418.125	4041.875	1105	250	250	0
298	7199h	7199	North	418.375	4041.875	1107	250	250	0
299	7199i	7199	North	418.625	4041.875	1113	250	250	0
300	7199j	7199	North	418.375	4041.125	1100	250	250	0
301	7199k	7199	North	418.625	4041.125	1105	250	250	0
302	7199l	7199	North	417.875	4042.125	1106	250	250	0
303	7199m	7199	North	418.125	4042.125	1108	250	250	0
304	7199n	7199	North	418.375	4042.125	1109	250	250	0
305	7199o	7199	North	418.125	4042.375	1110	250	250	0
306	7199p	7199	North	418.375	4042.375	1112	250	250	0
307	7199q	7199	North	418.625	4042.125	1115	250	250	0
308	7214a	7214	North	410.125	4040.125	1075	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
309	7214b	7214	North	410.375	4040.125	1075	250	250	0
310	7214c	7214	North	410.125	4040.375	1076	250	250	0
311	7214d	7214	North	410.375	4040.375	1076	250	250	0
312	7214e	7214	North	410.125	4040.625	1078	250	250	0
313	7214f	7214	North	410.375	4040.625	1077	250	250	0
314	7214g	7214	North	410.625	4040.125	1075	250	250	0
315	7214h	7214	North	410.625	4040.375	1076	250	250	0
316	7214i	7214	North	410.125	4040.875	1080	250	250	0
317	7214j	7214	North	410.875	4040.125	1076	250	250	0
318	7214k	7214	North	411.125	4040.125	1076	250	250	0
319	7214l	7214	North	411.375	4040.125	1077	250	250	0
320	7215a	7215	North	411.125	4040.625	1080	250	250	0
321	7215b	7215	North	411.375	4040.625	1081	250	250	0
322	7215c	7215	North	411.625	4040.625	1082	250	250	0
323	7215d	7215	North	411.875	4040.625	1083	250	250	0
324	7215e	7215	North	411.125	4040.875	1082	250	250	0
325	7215f	7215	North	411.375	4040.875	1083	250	250	0
326	7215g	7215	North	411.625	4040.875	1084	250	250	0
327	7215h	7215	North	411.875	4040.875	1085	250	250	0
328	7215i	7215	North	411.875	4040.375	1081	250	250	0
329	7215j	7215	North	410.625	4040.875	1080	250	250	0
330	7215k	7215	North	410.875	4040.875	1081	250	250	0
331	7216a	7216	North	412.125	4040.375	1082	250	250	0
332	7216b	7216	North	412.375	4040.375	1084	250	250	0
333	7216c	7216	North	412.625	4040.375	1084	250	250	0
334	7216d	7216	North	412.875	4040.375	1084	250	250	0
335	7216e	7216	North	412.125	4040.625	1084	250	250	0
336	7216f	7216	North	412.375	4040.625	1085	250	250	0
337	7216g	7216	North	412.625	4040.625	1086	250	250	0
338	7216h	7216	North	412.875	4040.625	1086	250	250	0
339	7216i	7216	North	412.125	4040.875	1086	250	250	0
340	7216j	7216	North	412.375	4040.875	1087	250	250	0
341	7216k	7216	North	412.625	4040.875	1087	250	250	0
342	7216l	7216	North	412.875	4040.875	1087	250	250	0
343	7216m	7216	North	412.375	4040.125	1082	250	250	0
344	7216n	7216	North	412.625	4040.125	1082	250	250	0
345	7216o	7216	North	412.875	4040.125	1082	250	250	0
346	7216p	7216	North	412.125	4041.125	1088	250	250	0
347	7216q	7216	North	412.375	4041.125	1088	250	250	0
348	7216r	7216	North	412.625	4041.125	1089	250	250	0
349	7216s	7216	North	412.125	4041.375	1089	250	250	0
350	7216t	7216	North	412.375	4041.375	1090	250	250	0
351	7216u	7216	North	412.625	4041.375	1090	250	250	0
352	7216v	7216	North	412.875	4041.125	1089	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
353	7217a	7217	North	413.125	4040.125	1082	250	250	0
354	7217b	7217	North	413.375	4040.125	1082	250	250	0
355	7217c	7217	North	413.625	4040.125	1082	250	250	0
356	7217d	7217	North	413.125	4040.375	1084	250	250	0
357	7217e	7217	North	413.375	4040.375	1084	250	250	0
358	7217f	7217	North	413.625	4040.375	1084	250	250	0
359	7217g	7217	North	413.125	4040.625	1086	250	250	0
360	7217h	7217	North	413.375	4040.625	1085	250	250	0
361	7217i	7217	North	413.625	4040.625	1085	250	250	0
362	7217j	7217	North	413.875	4040.125	1082	250	250	0
363	7217k	7217	North	413.875	4040.375	1084	250	250	0
364	7217l	7217	North	413.125	4040.875	1087	250	250	0
365	7217m	7217	North	413.375	4040.875	1087	250	250	0
366	7217n	7217	North	413.125	4041.125	1089	250	250	0
367	7217o	7217	North	413.125	4039.875	1081	250	250	0
368	7217p	7217	North	413.375	4039.875	1081	250	250	0
369	7217q	7217	North	413.625	4039.875	1081	250	250	0
370	7217r	7217	North	413.875	4039.875	1081	250	250	0
371	7217s	7217	North	413.875	4039.625	1079	250	250	0
372	7218a	7218	North	414.375	4040.375	1084	250	250	0
373	7218b	7218	North	414.625	4040.375	1085	250	250	0
374	7218c	7218	North	414.375	4040.625	1086	250	250	0
375	7218d	7218	North	414.625	4040.625	1087	250	250	0
376	7218e	7218	North	414.375	4040.875	1088	250	250	0
377	7218f	7218	North	414.625	4040.875	1089	250	250	0
378	7218g	7218	North	414.125	4040.625	1086	250	250	0
379	7218h	7218	North	414.125	4040.875	1088	250	250	0
380	7218i	7218	North	414.625	4040.125	1083	250	250	0
381	7218j	7218	North	413.875	4040.875	1088	250	250	0
382	7219a	7219	North	415.125	4040.375	1087	250	250	0
383	7219b	7219	North	415.375	4040.375	1087	250	250	0
384	7219c	7219	North	415.625	4040.375	1088	250	250	0
385	7219d	7219	North	415.875	4040.375	1088	250	250	0
386	7219e	7219	North	415.125	4040.625	1088	250	250	0
387	7219f	7219	North	415.375	4040.625	1089	250	250	0
388	7219g	7219	North	415.625	4040.625	1090	250	250	0
389	7219h	7219	North	415.875	4040.625	1090	250	250	0
390	7219i	7219	North	415.125	4040.875	1090	250	250	0
391	7219j	7219	North	415.375	4040.875	1091	250	250	0
392	7219k	7219	North	415.625	4040.875	1091	250	250	0
393	7219l	7219	North	415.875	4040.875	1092	250	250	0
394	7219m	7219	North	415.375	4040.125	1085	250	250	0
395	7219n	7219	North	415.625	4040.125	1086	250	250	0
396	7219o	7219	North	415.875	4040.125	1086	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
397	7219p	7219	North	415.625	4039.625	1082	250	250	0
398	7219q	7219	North	415.875	4039.625	1082	250	250	0
399	7219r	7219	North	415.625	4039.875	1084	250	250	0
400	7219s	7219	North	415.875	4039.875	1084	250	250	0
401	7219t	7219	North	415.375	4039.875	1083	250	250	0
402	7219u	7219	North	415.875	4039.375	1081	250	250	0
403	7220a	7220	North	416.125	4040.125	1087	250	250	0
404	7220b	7220	North	416.375	4040.125	1087	250	250	0
405	7220c	7220	North	416.625	4040.125	1088	250	250	0
406	7220d	7220	North	416.875	4040.125	1089	250	250	0
407	7220e	7220	North	416.125	4040.375	1089	250	250	0
408	7220f	7220	North	416.375	4040.375	1089	250	250	0
409	7220g	7220	North	416.625	4040.375	1090	250	250	0
410	7220h	7220	North	416.875	4040.375	1090	250	250	0
411	7220i	7220	North	416.125	4040.625	1091	250	250	0
412	7220j	7220	North	416.375	4040.625	1091	250	250	0
413	7220k	7220	North	416.625	4040.625	1091	250	250	0
414	7220l	7220	North	416.875	4040.625	1092	250	250	0
415	7220m	7220	North	416.125	4040.875	1092	250	250	0
416	7220n	7220	North	416.375	4040.875	1093	250	250	0
417	7220o	7220	North	416.625	4040.875	1093	250	250	0
418	7220p	7220	North	416.875	4040.875	1094	250	250	0
419	7221a	7221	North	417.125	4040.125	1089	250	250	0
420	7221b	7221	North	417.375	4040.125	1090	250	250	0
421	7221c	7221	North	417.625	4040.125	1091	250	250	0
422	7221d	7221	North	417.875	4040.125	1091	250	250	0
423	7221e	7221	North	417.125	4040.375	1091	250	250	0
424	7221f	7221	North	417.375	4040.375	1092	250	250	0
425	7221g	7221	North	417.625	4040.375	1092	250	250	0
426	7221h	7221	North	417.875	4040.375	1093	250	250	0
427	7221i	7221	North	417.125	4040.625	1093	250	250	0
428	7221j	7221	North	417.375	4040.625	1093	250	250	0
429	7221k	7221	North	417.625	4040.625	1094	250	250	0
430	7221l	7221	North	417.875	4040.625	1095	250	250	0
431	7221m	7221	North	417.125	4040.875	1094	250	250	0
432	7221n	7221	North	417.375	4040.875	1095	250	250	0
433	7221o	7221	North	417.625	4040.875	1095	250	250	0
434	7221p	7221	North	417.875	4040.875	1096	250	250	0
435	7221q	7221	North	418.125	4040.125	1092	250	250	0
436	7221r	7221	North	418.375	4040.125	1093	250	250	0
437	7221s	7221	North	418.125	4040.375	1094	250	250	0
438	7221t	7221	North	418.375	4040.375	1094	250	250	0
439	7221u	7221	North	418.125	4040.625	1095	250	250	0
440	7221v	7221	North	418.375	4040.625	1096	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
441	7221w	7221	North	418.125	4040.875	1097	250	250	0
442	7221x	7221	North	418.625	4040.125	1095	250	250	0
443	7222a	7222	North	418.625	4040.375	1097	250	250	0
444	7222b	7222	North	418.625	4040.625	1100	250	250	0
445	7222c	7222	North	418.625	4040.875	1102	250	250	0
446	7222d	7222	North	418.375	4040.875	1098	250	250	0
447	7223a	7223	K Dunes	419.125	4040.375	1108	250	250	0
448	7223b	7223	K Dunes	419.375	4040.375	1113	250	250	0
449	7223c	7223	K Dunes	419.625	4040.375	1119	250	250	0
450	7223d	7223	K Dunes	419.875	4040.375	1126	250	250	0
451	7223e	7223	K Dunes	419.125	4040.625	1112	250	250	0
452	7223f	7223	K Dunes	419.375	4040.625	1119	250	250	0
453	7223g	7223	K Dunes	419.625	4040.625	1126	250	250	0
454	7223h	7223	K Dunes	419.875	4040.625	1134	250	250	0
455	7223i	7223	K Dunes	419.125	4040.875	1117	250	250	0
456	7223j	7223	K Dunes	419.375	4040.875	1124	250	250	0
457	7223k	7223	K Dunes	419.625	4040.875	1132	250	250	0
458	7223l	7223	K Dunes	419.875	4040.875	1142	250	250	0
459	7223m	7223	K Dunes	419.375	4040.125	1108	250	250	0
460	7223n	7223	K Dunes	419.625	4040.125	1113	250	250	0
461	7223o	7223	K Dunes	419.875	4040.125	1119	250	250	0
462	7223p	7223	K Dunes	418.875	4040.625	1106	250	250	0
463	7223q	7223	K Dunes	418.875	4040.875	1110	250	250	0
464	7223r	7223	K Dunes	419.625	4039.625	1100	250	250	0
465	7223s	7223	K Dunes	419.875	4039.625	1104	250	250	0
466	7223t	7223	K Dunes	419.625	4039.875	1106	250	250	0
467	7223u	7223	K Dunes	419.875	4039.875	1111	250	250	0
468	7223v	7223	K Dunes	419.375	4039.875	1102	250	250	0
469	7240a	7240	North	413.125	4039.625	1079	250	250	0
470	7240b	7240	North	413.375	4039.625	1079	250	250	0
471	7240c	7240	North	413.625	4039.625	1079	250	250	0
472	7240d	7240	North	413.625	4039.375	1078	250	250	0
473	7240e	7240	North	413.875	4039.375	1078	250	250	0
474	7240f	7240	North	410.875	4040.375	1077	250	250	0
475	7240g	7240	North	410.875	4040.625	1079	250	250	0
476	7240h	7240	North	410.375	4040.875	1080	250	250	0
477	7240i	7240	North	410.625	4040.625	1077	250	250	0
478	7240j	7240	North	411.125	4040.375	1078	250	250	0
479	7240k	7240	North	411.375	4040.375	1079	250	250	0
480	7240l	7240	North	411.625	4040.375	1080	250	250	0
481	7240m	7240	North	411.625	4040.125	1078	250	250	0
482	7240n	7240	North	411.875	4040.125	1079	250	250	0
483	7240o	7240	North	412.125	4040.125	1081	250	250	0
484	7240p	7240	North	412.375	4039.875	1080	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
485	7240q	7240	North	412.625	4039.875	1081	250	250	0
486	7240r	7240	North	412.875	4039.875	1081	250	250	0
487	7240s	7240	North	412.875	4039.625	1079	250	250	0
488	7241a	7241	North	414.125	4039.625	1079	250	250	0
489	7241b	7241	North	414.125	4039.875	1081	250	250	0
490	7241c	7241	North	414.375	4039.375	1078	250	250	0
491	7241d	7241	North	414.375	4039.625	1079	250	250	0
492	7241e	7241	North	414.125	4040.125	1082	250	250	0
493	7242a	7242	North	415.125	4039.375	1079	250	250	0
494	7242b	7242	North	415.375	4039.375	1079	250	250	0
495	7242c	7242	North	415.125	4039.625	1080	250	250	0
496	7242d	7242	North	415.375	4039.625	1081	250	250	0
497	7242e	7242	North	415.125	4039.875	1082	250	250	0
498	7242f	7242	North	415.625	4039.375	1080	250	250	0
499	7242g	7242	North	415.875	4039.125	1080	250	250	0
500	7242h	7242	North	414.875	4041.125	1091	250	250	0
501	7242i	7242	North	414.875	4041.375	1093	250	250	0
502	7242j	7242	North	414.875	4040.125	1084	250	250	0
503	7242k	7242	North	414.875	4040.375	1086	250	250	0
504	7242l	7242	North	414.875	4040.625	1088	250	250	0
505	7242m	7242	North	414.875	4040.875	1089	250	250	0
506	7242n	7242	North	415.125	4040.125	1084	250	250	0
507	7243a	7243	North	416.125	4039.125	1081	250	250	0
508	7243b	7243	North	416.375	4039.125	1081	250	250	0
509	7243c	7243	North	416.625	4039.125	1082	250	250	0
510	7243d	7243	North	416.875	4039.125	1083	250	250	0
511	7243e	7243	North	416.125	4039.375	1082	250	250	0
512	7243f	7243	North	416.375	4039.375	1083	250	250	0
513	7243g	7243	North	416.625	4039.375	1083	250	250	0
514	7243h	7243	North	416.875	4039.375	1084	250	250	0
515	7243i	7243	North	416.125	4039.625	1083	250	250	0
516	7243j	7243	North	416.375	4039.625	1084	250	250	0
517	7243k	7243	North	416.625	4039.625	1085	250	250	0
518	7243l	7243	North	416.875	4039.625	1085	250	250	0
519	7243m	7243	North	416.125	4039.875	1085	250	250	0
520	7243n	7243	North	416.375	4039.875	1086	250	250	0
521	7243o	7243	North	416.625	4039.875	1086	250	250	0
522	7243p	7243	North	416.875	4039.875	1087	250	250	0
523	7244a	7244	North	417.125	4039.125	1083	250	250	0
524	7244b	7244	North	417.375	4039.125	1084	250	250	0
525	7244c	7244	North	417.625	4039.125	1085	250	250	0
526	7244d	7244	North	417.875	4039.125	1085	250	250	0
527	7244e	7244	North	417.125	4039.375	1085	250	250	0
528	7244f	7244	North	417.375	4039.375	1085	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
529	7244g	7244	North	417.625	4039.375	1086	250	250	0
530	7244h	7244	North	417.875	4039.375	1087	250	250	0
531	7244i	7244	North	417.125	4039.625	1086	250	250	0
532	7244j	7244	North	417.375	4039.625	1087	250	250	0
533	7244k	7244	North	417.625	4039.625	1087	250	250	0
534	7244l	7244	North	417.875	4039.625	1088	250	250	0
535	7244m	7244	North	417.125	4039.875	1088	250	250	0
536	7244n	7244	North	417.375	4039.875	1088	250	250	0
537	7244o	7244	North	417.625	4039.875	1089	250	250	0
538	7244p	7244	North	417.875	4039.875	1090	250	250	0
539	7245a	7245	North	418.125	4039.125	1086	250	250	0
540	7245b	7245	North	418.375	4039.125	1086	250	250	0
541	7245c	7245	North	418.625	4039.125	1087	250	250	0
542	7245d	7245	North	418.875	4039.125	1088	250	250	0
543	7245e	7245	North	418.125	4039.375	1087	250	250	0
544	7245f	7245	North	418.375	4039.375	1088	250	250	0
545	7245g	7245	North	418.625	4039.375	1089	250	250	0
546	7245h	7245	North	418.875	4039.375	1090	250	250	0
547	7245i	7245	North	418.125	4039.625	1089	250	250	0
548	7245j	7245	North	418.375	4039.625	1089	250	250	0
549	7245k	7245	North	418.625	4039.625	1091	250	250	0
550	7245l	7245	North	418.875	4039.625	1093	250	250	0
551	7245m	7245	North	418.125	4039.875	1090	250	250	0
552	7245n	7245	North	418.375	4039.875	1091	250	250	0
553	7245o	7245	North	418.625	4039.875	1093	250	250	0
554	7245p	7245	North	418.875	4039.875	1096	250	250	0
555	7245q	7245	North	419.125	4039.125	1090	250	250	0
556	7245r	7245	North	419.375	4039.125	1091	250	250	0
557	7245s	7245	North	419.125	4039.375	1092	250	250	0
558	7245t	7245	North	419.375	4039.375	1093	250	250	0
559	7245u	7245	North	419.125	4039.625	1095	250	250	0
560	7245v	7245	North	419.625	4039.125	1093	250	250	0
561	7247a	7247	K Dunes	420.125	4039.375	1102	250	250	0
562	7247b	7247	K Dunes	420.375	4039.375	1105	250	250	0
563	7247c	7247	K Dunes	420.625	4039.375	1110	250	250	0
564	7247d	7247	K Dunes	420.875	4039.375	1116	250	250	0
565	7247e	7247	K Dunes	420.125	4039.625	1108	250	250	0
566	7247f	7247	K Dunes	420.375	4039.625	1112	250	250	0
567	7247g	7247	K Dunes	420.625	4039.625	1118	250	250	0
568	7247h	7247	K Dunes	420.875	4039.625	1124	250	250	0
569	7247i	7247	K Dunes	420.125	4039.875	1116	250	250	0
570	7247j	7247	K Dunes	420.375	4039.875	1121	250	250	0
571	7247k	7247	K Dunes	420.625	4039.875	1127	250	250	0
572	7247l	7247	K Dunes	420.875	4039.875	1135	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
573	7247m	7247	K Dunes	420.625	4039.125	1105	250	250	0
574	7247n	7247	K Dunes	420.875	4039.125	1110	250	250	0
575	7247o	7247	K Dunes	420.125	4040.125	1125	250	250	0
576	7247p	7247	K Dunes	420.125	4040.375	1133	250	250	0
577	7247q	7247	K Dunes	420.375	4040.125	1130	250	250	0
578	7266a	7266	North	416.125	4038.125	1077	250	250	0
579	7266b	7266	North	416.375	4038.125	1078	250	250	0
580	7266c	7266	North	416.125	4038.375	1078	250	250	0
581	7266d	7266	North	416.375	4038.375	1078	250	250	0
582	7266e	7266	North	416.125	4038.625	1079	250	250	0
583	7266f	7266	North	416.625	4038.125	1079	250	250	0
584	8266a	7266	North	416.125	4038.875	1080	250	250	0
585	8266b	7266	North	416.375	4038.625	1079	250	250	0
586	8266c	7266	North	416.625	4038.375	1079	250	250	0
587	8266d	7266	North	416.875	4038.125	1079	250	250	0
588	7267a	7267	North	417.125	4038.125	1079	250	250	0
589	7267b	7267	North	417.375	4038.125	1080	250	250	0
590	7267c	7267	North	417.625	4038.125	1080	250	250	0
591	7267d	7267	North	417.875	4038.125	1080	250	250	0
592	7267e	7267	North	417.125	4038.375	1080	250	250	0
593	7267f	7267	North	417.375	4038.375	1081	250	250	0
594	7267g	7267	North	417.625	4038.375	1081	250	250	0
595	7267h	7267	North	417.875	4038.375	1081	250	250	0
596	7267i	7267	North	417.125	4038.625	1081	250	250	0
597	7267j	7267	North	417.375	4038.625	1082	250	250	0
598	7267k	7267	North	417.625	4038.625	1082	250	250	0
599	7267l	7267	North	417.875	4038.625	1082	250	250	0
600	7267m	7267	North	417.125	4038.875	1082	250	250	0
601	7267n	7267	North	417.375	4038.875	1083	250	250	0
602	7267o	7267	North	417.625	4038.875	1083	250	250	0
603	7267p	7267	North	417.875	4038.875	1084	250	250	0
604	7267q	7267	North	416.625	4038.625	1080	250	250	0
605	7267r	7267	North	416.875	4038.625	1080	250	250	0
606	7267s	7267	North	416.625	4038.875	1081	250	250	0
607	7267t	7267	North	416.875	4038.875	1082	250	250	0
608	7267u	7267	North	416.375	4038.875	1080	250	250	0
609	7267v	7267	North	416.875	4038.375	1080	250	250	0
610	7268a	7268	North	418.125	4038.125	1081	250	250	0
611	7268b	7268	North	418.375	4038.125	1081	250	250	0
612	7268c	7268	North	418.625	4038.125	1082	250	250	0
613	7268d	7268	North	418.875	4038.125	1082	250	250	0
614	7268e	7268	North	418.125	4038.375	1082	250	250	0
615	7268f	7268	North	418.375	4038.375	1082	250	250	0
616	7268g	7268	North	418.625	4038.375	1083	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
617	7268h	7268	North	418.875	4038.375	1083	250	250	0
618	7268i	7268	North	418.125	4038.625	1083	250	250	0
619	7268j	7268	North	418.375	4038.625	1083	250	250	0
620	7268k	7268	North	418.625	4038.625	1084	250	250	0
621	7268l	7268	North	418.875	4038.625	1085	250	250	0
622	7268m	7268	North	418.125	4038.875	1084	250	250	0
623	7268n	7268	North	418.375	4038.875	1085	250	250	0
624	7268o	7268	North	418.625	4038.875	1086	250	250	0
625	7268p	7268	North	418.875	4038.875	1087	250	250	0
626	7269a	7269	North	419.125	4038.125	1083	250	250	0
627	7269b	7269	North	419.375	4038.125	1083	250	250	0
628	7269c	7269	North	419.625	4038.125	1084	250	250	0
629	7269d	7269	North	419.875	4038.125	1085	250	250	0
630	7269e	7269	North	419.125	4038.375	1084	250	250	0
631	7269f	7269	North	419.375	4038.375	1085	250	250	0
632	7269g	7269	North	419.625	4038.375	1085	250	250	0
633	7269h	7269	North	419.875	4038.375	1086	250	250	0
634	7269i	7269	North	419.125	4038.625	1086	250	250	0
635	7269j	7269	North	419.375	4038.625	1086	250	250	0
636	7269k	7269	North	419.625	4038.625	1087	250	250	0
637	7269l	7269	North	419.875	4038.625	1089	250	250	0
638	7269m	7269	North	419.125	4038.875	1088	250	250	0
639	7269n	7269	North	419.375	4038.875	1089	250	250	0
640	7269o	7269	North	419.625	4038.875	1090	250	250	0
641	7269p	7269	North	419.875	4038.875	1092	250	250	0
642	7270a	7270	North	420.125	4038.125	1086	250	250	0
643	7270b	7270	North	420.375	4038.125	1087	250	250	0
644	7270c	7270	North	420.625	4038.125	1088	250	250	0
645	7270d	7270	North	420.125	4038.375	1088	250	250	0
646	7270e	7270	North	420.375	4038.375	1089	250	250	0
647	7270f	7270	North	420.625	4038.375	1090	250	250	0
648	7270g	7270	North	420.125	4038.625	1090	250	250	0
649	7270h	7270	North	420.375	4038.625	1092	250	250	0
650	7270i	7270	North	420.625	4038.625	1094	250	250	0
651	7270j	7270	North	420.875	4038.125	1090	250	250	0
652	7270k	7270	North	420.875	4038.375	1093	250	250	0
653	7270l	7270	North	420.125	4038.875	1094	250	250	0
654	7270m	7270	North	420.375	4038.875	1096	250	250	0
655	7270n	7270	North	421.125	4038.125	1093	250	250	0
656	7270o	7270	North	421.375	4038.125	1095	250	250	0
657	7290a	7290	North	417.125	4037.125	1077	250	250	0
658	7290b	7290	North	417.375	4037.125	1077	250	250	0
659	7290c	7290	North	417.125	4037.375	1077	250	250	0
660	7290d	7290	North	417.375	4037.375	1077	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
661	7290e	7290	North	417.125	4037.625	1078	250	250	0
662	7290f	7290	North	417.375	4037.625	1078	250	250	0
663	7290g	7290	North	417.625	4037.125	1077	250	250	0
664	7290h	7290	North	417.625	4037.375	1077	250	250	0
665	7290i	7290	North	417.125	4037.875	1079	250	250	0
666	7290j	7290	North	417.875	4037.125	1077	250	250	0
667	7291a	7291	North	418.125	4037.125	1077	250	250	0
668	7291b	7291	North	418.375	4037.125	1077	250	250	0
669	7291c	7291	North	418.625	4037.125	1078	250	250	0
670	7291d	7291	North	418.875	4037.125	1078	250	250	0
671	7291e	7291	North	418.125	4037.375	1078	250	250	0
672	7291f	7291	North	418.375	4037.375	1078	250	250	0
673	7291g	7291	North	418.625	4037.375	1079	250	250	0
674	7291h	7291	North	418.875	4037.375	1079	250	250	0
675	7291i	7291	North	418.125	4037.625	1079	250	250	0
676	7291j	7291	North	418.375	4037.625	1079	250	250	0
677	7291k	7291	North	418.625	4037.625	1080	250	250	0
678	7291l	7291	North	418.875	4037.625	1080	250	250	0
679	7291m	7291	North	418.125	4037.875	1080	250	250	0
680	7291n	7291	North	418.375	4037.875	1080	250	250	0
681	7291o	7291	North	418.625	4037.875	1081	250	250	0
682	7291p	7291	North	418.875	4037.875	1081	250	250	0
683	7291q	7291	North	417.625	4037.625	1078	250	250	0
684	7291r	7291	North	417.875	4037.625	1079	250	250	0
685	7291s	7291	North	417.625	4037.875	1079	250	250	0
686	7291t	7291	North	417.875	4037.875	1080	250	250	0
687	7291u	7291	North	417.375	4037.875	1079	250	250	0
688	7291v	7291	North	417.875	4037.375	1078	250	250	0
689	7292a	7292	North	419.125	4037.125	1079	250	250	0
690	7292b	7292	North	419.375	4037.125	1079	250	250	0
691	7292c	7292	North	419.625	4037.125	1080	250	250	0
692	7292d	7292	North	419.875	4037.125	1080	250	250	0
693	7292e	7292	North	419.125	4037.375	1080	250	250	0
694	7292f	7292	North	419.375	4037.375	1080	250	250	0
695	7292g	7292	North	419.625	4037.375	1080	250	250	0
696	7292h	7292	North	419.875	4037.375	1081	250	250	0
697	7292i	7292	North	419.125	4037.625	1080	250	250	0
698	7292j	7292	North	419.375	4037.625	1081	250	250	0
699	7292k	7292	North	419.625	4037.625	1081	250	250	0
700	7292l	7292	North	419.875	4037.625	1082	250	250	0
701	7292m	7292	North	419.125	4037.875	1082	250	250	0
702	7292n	7292	North	419.375	4037.875	1082	250	250	0
703	7292o	7292	North	419.625	4037.875	1083	250	250	0
704	7292p	7292	North	419.875	4037.875	1083	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
705	7293a	7293	North	420.125	4037.125	1080	250	250	0
706	7293b	7293	North	420.375	4037.125	1081	250	250	0
707	7293c	7293	North	420.625	4037.125	1081	250	250	0
708	7293d	7293	North	420.875	4037.125	1082	250	250	0
709	7293e	7293	North	420.125	4037.375	1081	250	250	0
710	7293f	7293	North	420.375	4037.375	1082	250	250	0
711	7293g	7293	North	420.625	4037.375	1082	250	250	0
712	7293h	7293	North	420.875	4037.375	1083	250	250	0
713	7293i	7293	North	420.125	4037.625	1082	250	250	0
714	7293j	7293	North	420.375	4037.625	1083	250	250	0
715	7293k	7293	North	420.625	4037.625	1084	250	250	0
716	7293l	7293	North	420.875	4037.625	1085	250	250	0
717	7293m	7293	North	420.125	4037.875	1084	250	250	0
718	7293n	7293	North	420.375	4037.875	1085	250	250	0
719	7293o	7293	North	420.625	4037.875	1086	250	250	0
720	7293p	7293	North	420.875	4037.875	1088	250	250	0
721	7294a	7294	North	421.125	4037.125	1083	250	250	0
722	7294b	7294	North	421.375	4037.125	1083	250	250	0
723	7294c	7294	North	421.625	4037.125	1085	250	250	0
724	7294d	7294	North	421.125	4037.375	1084	250	250	0
725	7294e	7294	North	421.375	4037.375	1085	250	250	0
726	7294f	7294	North	421.625	4037.375	1086	250	250	0
727	7294g	7294	North	421.125	4037.625	1086	250	250	0
728	7294h	7294	North	421.375	4037.625	1087	250	250	0
729	7294i	7294	North	421.625	4037.625	1089	250	250	0
730	7294j	7294	North	421.125	4037.875	1089	250	250	0
731	7294k	7294	North	421.375	4037.875	1091	250	250	0
732	7294l	7294	North	421.625	4037.875	1094	250	250	0
733	7294m	7294	North	421.875	4037.125	1086	250	250	0
734	7294n	7294	North	421.875	4037.375	1088	250	250	0
735	7314a	7314	Central	418.375	4036.125	1075	250	250	0
736	7314b	7314	Central	418.625	4036.125	1076	250	250	0
737	7314c	7314	Central	418.875	4036.125	1076	250	250	0
738	7314d	7314	Central	418.375	4036.375	1075	250	250	0
739	7314e	7314	Central	418.625	4036.375	1076	250	250	0
740	7314f	7314	Central	418.875	4036.375	1076	250	250	0
741	7314g	7314	Central	418.375	4036.625	1075	250	250	0
742	7314h	7314	Central	418.625	4036.625	1076	250	250	0
743	7314i	7314	Central	418.875	4036.625	1077	250	250	0
744	7314j	7314	Central	418.375	4036.875	1076	250	250	0
745	7314k	7314	Central	418.625	4036.875	1077	250	250	0
746	7314l	7314	Central	418.875	4036.875	1077	250	250	0
747	7314m	7314	Central	418.125	4036.625	1075	250	250	0
748	7314n	7314	Central	418.125	4036.875	1076	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
749	7315a	7315	Central	419.125	4036.125	1077	250	250	0
750	7315b	7315	Central	419.375	4036.125	1078	250	250	0
751	7315c	7315	Central	419.625	4036.125	1078	250	250	0
752	7315d	7315	Central	419.875	4036.125	1078	250	250	0
753	7315e	7315	Central	419.125	4036.375	1077	250	250	0
754	7315f	7315	Central	419.375	4036.375	1078	250	250	0
755	7315g	7315	Central	419.625	4036.375	1078	250	250	0
756	7315h	7315	Central	419.875	4036.375	1078	250	250	0
757	7315i	7315	Central	419.125	4036.625	1077	250	250	0
758	7315j	7315	Central	419.375	4036.625	1078	250	250	0
759	7315k	7315	Central	419.625	4036.625	1078	250	250	0
760	7315l	7315	Central	419.875	4036.625	1079	250	250	0
761	7315m	7315	Central	419.125	4036.875	1078	250	250	0
762	7315n	7315	Central	419.375	4036.875	1079	250	250	0
763	7315o	7315	Central	419.625	4036.875	1079	250	250	0
764	7315p	7315	Central	419.875	4036.875	1079	250	250	0
765	7316a	7316	North	420.125	4036.125	1079	250	250	0
766	7316b	7316	North	420.375	4036.125	1079	250	250	0
767	7316c	7316	North	420.625	4036.125	1080	250	250	0
768	7316d	7316	North	420.875	4036.125	1080	250	250	0
769	7316e	7316	North	420.125	4036.375	1079	250	250	0
770	7316f	7316	North	420.375	4036.375	1079	250	250	0
771	7316g	7316	North	420.625	4036.375	1079	250	250	0
772	7316h	7316	North	420.875	4036.375	1080	250	250	0
773	7316i	7316	North	420.125	4036.625	1079	250	250	0
774	7316j	7316	North	420.375	4036.625	1079	250	250	0
775	7316k	7316	North	420.625	4036.625	1080	250	250	0
776	7316l	7316	North	420.875	4036.625	1080	250	250	0
777	7316m	7316	North	420.125	4036.875	1080	250	250	0
778	7316n	7316	North	420.375	4036.875	1080	250	250	0
779	7316o	7316	North	420.625	4036.875	1081	250	250	0
780	7316p	7316	North	420.875	4036.875	1081	250	250	0
781	7317a	7317	North	421.125	4036.125	1081	250	250	0
782	7317b	7317	North	421.375	4036.125	1081	250	250	0
783	7317c	7317	North	421.625	4036.125	1082	250	250	0
784	7317d	7317	North	421.875	4036.125	1082	250	250	0
785	7317e	7317	North	421.125	4036.375	1080	250	250	0
786	7317f	7317	North	421.375	4036.375	1081	250	250	0
787	7317g	7317	North	421.625	4036.375	1081	250	250	0
788	7317h	7317	North	421.875	4036.375	1082	250	250	0
789	7317i	7317	North	421.125	4036.625	1081	250	250	0
790	7317j	7317	North	421.375	4036.625	1081	250	250	0
791	7317k	7317	North	421.625	4036.625	1082	250	250	0
792	7317l	7317	North	421.875	4036.625	1083	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
793	7317m	7317	North	421.125	4036.875	1082	250	250	0
794	7317n	7317	North	421.375	4036.875	1082	250	250	0
795	7317o	7317	North	421.625	4036.875	1083	250	250	0
796	7317p	7317	North	421.875	4036.875	1085	250	250	0
797	7317q	7317	North	422.125	4036.125	1083	250	250	0
798	7317r	7317	North	422.125	4036.375	1083	250	250	0
799	7317s	7317	North	422.125	4036.625	1084	250	250	0
800	7317t	7317	North	422.125	4036.875	1086	250	250	0
801	7317u	7317	North	422.375	4036.125	1084	250	250	0
802	7317v	7317	North	422.375	4036.375	1083	250	250	0
803	7337a	7337	Central	418.625	4035.125	1076	250	250	0
804	7337b	7337	Central	418.875	4035.125	1077	250	250	0
805	7337c	7337	Central	418.625	4035.375	1076	250	250	0
806	7337d	7337	Central	418.875	4035.375	1077	250	250	0
807	7337e	7337	Central	418.625	4035.625	1076	250	250	0
808	7337f	7337	Central	418.875	4035.625	1077	250	250	0
809	7337g	7337	Central	418.625	4035.875	1076	250	250	0
810	7337h	7337	Central	418.875	4035.875	1077	250	250	0
811	7337i	7337	Central	418.375	4035.625	1076	250	250	0
812	7337j	7337	Central	418.375	4035.875	1076	250	250	0
813	7337k	7337	Central	418.875	4034.625	1077	250	250	0
814	7337l	7337	Central	418.875	4034.875	1077	250	250	0
815	7337m	7337	Central	418.625	4034.875	1076	250	250	0
816	7338a	7338	Central	419.125	4035.125	1077	250	250	0
817	7338b	7338	Central	419.375	4035.125	1078	250	250	0
818	7338c	7338	Central	419.625	4035.125	1079	250	250	0
819	7338d	7338	Central	419.875	4035.125	1079	250	250	0
820	7338e	7338	Central	419.125	4035.375	1077	250	250	0
821	7338f	7338	Central	419.375	4035.375	1078	250	250	0
822	7338g	7338	Central	419.625	4035.375	1078	250	250	0
823	7338h	7338	Central	419.875	4035.375	1079	250	250	0
824	7338i	7338	Central	419.125	4035.625	1077	250	250	0
825	7338j	7338	Central	419.375	4035.625	1077	250	250	0
826	7338k	7338	Central	419.625	4035.625	1078	250	250	0
827	7338l	7338	Central	419.875	4035.625	1078	250	250	0
828	7338m	7338	Central	419.125	4035.875	1077	250	250	0
829	7338n	7338	Central	419.375	4035.875	1077	250	250	0
830	7338o	7338	Central	419.625	4035.875	1078	250	250	0
831	7338p	7338	Central	419.875	4035.875	1078	250	250	0
832	7339a	7339	North	420.125	4035.125	1080	250	250	0
833	7339b	7339	North	420.375	4035.125	1080	250	250	0
834	7339c	7339	North	420.625	4035.125	1080	250	250	0
835	7339d	7339	North	420.875	4035.125	1081	250	250	0
836	7339e	7339	North	420.125	4035.375	1079	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
837	7339f	7339	North	420.375	4035.375	1080	250	250	0
838	7339g	7339	North	420.625	4035.375	1080	250	250	0
839	7339h	7339	North	420.875	4035.375	1081	250	250	0
840	7339i	7339	North	420.125	4035.625	1079	250	250	0
841	7339j	7339	North	420.375	4035.625	1080	250	250	0
842	7339k	7339	North	420.625	4035.625	1080	250	250	0
843	7339l	7339	North	420.875	4035.625	1081	250	250	0
844	7339m	7339	North	420.125	4035.875	1079	250	250	0
845	7339n	7339	North	420.375	4035.875	1079	250	250	0
846	7339o	7339	North	420.625	4035.875	1080	250	250	0
847	7339p	7339	North	420.875	4035.875	1080	250	250	0
848	7340a	7340	North	421.125	4035.125	1081	250	250	0
849	7340b	7340	North	421.375	4035.125	1081	250	250	0
850	7340c	7340	North	421.625	4035.125	1081	250	250	0
851	7340d	7340	North	421.875	4035.125	1082	250	250	0
852	7340e	7340	North	421.125	4035.375	1081	250	250	0
853	7340f	7340	North	421.375	4035.375	1082	250	250	0
854	7340g	7340	North	421.625	4035.375	1082	250	250	0
855	7340h	7340	North	421.875	4035.375	1083	250	250	0
856	7340i	7340	North	421.125	4035.625	1081	250	250	0
857	7340j	7340	North	421.375	4035.625	1082	250	250	0
858	7340k	7340	North	421.625	4035.625	1082	250	250	0
859	7340l	7340	North	421.875	4035.625	1083	250	250	0
860	7340m	7340	North	421.125	4035.875	1081	250	250	0
861	7340n	7340	North	421.375	4035.875	1081	250	250	0
862	7340o	7340	North	421.625	4035.875	1082	250	250	0
863	7340p	7340	North	421.875	4035.875	1082	250	250	0
864	7340q	7340	North	422.125	4035.125	1083	250	250	0
865	7340r	7340	North	422.375	4035.125	1083	250	250	0
866	7340s	7340	North	422.125	4035.375	1083	250	250	0
867	7340t	7340	North	422.375	4035.375	1084	250	250	0
868	7340u	7340	North	422.125	4035.625	1083	250	250	0
869	7340v	7340	North	422.375	4035.625	1084	250	250	0
870	7340w	7340	North	422.125	4035.875	1083	250	250	0
871	7340x	7340	North	422.375	4035.875	1084	250	250	0
872	7360a	7360	Central	418.375	4034.375	1074	250	250	0
873	7360b	7360	Central	418.625	4034.375	1075	250	250	0
874	7360c	7360	Central	418.375	4034.625	1075	250	250	0
875	7360d	7360	Central	418.625	4034.625	1075	250	250	0
876	7360e	7360	Central	418.875	4034.125	1076	250	250	0
877	7360f	7360	Central	418.875	4034.375	1076	250	250	0
878	7360g	7360	Central	418.125	4034.875	1075	250	250	0
879	7360h	7360	Central	418.375	4034.875	1075	250	250	0
880	7360i	7360	Central	418.625	4034.125	1074	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
881	7361a	7361	Central	419.375	4034.375	1079	250	250	0
882	7361b	7361	Central	419.625	4034.375	1080	250	250	0
883	7361c	7361	Central	419.875	4034.375	1080	250	250	0
884	7361d	7361	Central	419.375	4034.625	1079	250	250	0
885	7361e	7361	Central	419.625	4034.625	1080	250	250	0
886	7361f	7361	Central	419.875	4034.625	1080	250	250	0
887	7361g	7361	Central	419.375	4034.875	1079	250	250	0
888	7361h	7361	Central	419.625	4034.875	1079	250	250	0
889	7361i	7361	Central	419.875	4034.875	1080	250	250	0
890	7361j	7361	Central	419.125	4034.625	1078	250	250	0
891	7361k	7361	Central	419.125	4034.875	1078	250	250	0
892	7362a	7362	Central	420.125	4034.375	1080	250	250	0
893	7362b	7362	Central	420.375	4034.375	1080	250	250	0
894	7362c	7362	Central	420.625	4034.375	1080	250	250	0
895	7362d	7362	Central	420.875	4034.375	1080	250	250	0
896	7362e	7362	Central	420.125	4034.625	1080	250	250	0
897	7362f	7362	Central	420.375	4034.625	1080	250	250	0
898	7362g	7362	Central	420.625	4034.625	1080	250	250	0
899	7362h	7362	Central	420.875	4034.625	1080	250	250	0
900	7362i	7362	Central	420.125	4034.875	1080	250	250	0
901	7362j	7362	Central	420.375	4034.875	1080	250	250	0
902	7362k	7362	Central	420.625	4034.875	1080	250	250	0
903	7362l	7362	Central	420.875	4034.875	1080	250	250	0
904	7363a	7363	Central	421.125	4034.375	1080	250	250	0
905	7363b	7363	Central	421.375	4034.375	1080	250	250	0
906	7363c	7363	Central	421.625	4034.375	1080	250	250	0
907	7363d	7363	Central	421.875	4034.375	1081	250	250	0
908	7363e	7363	Central	421.125	4034.625	1080	250	250	0
909	7363f	7363	Central	421.375	4034.625	1080	250	250	0
910	7363g	7363	Central	421.625	4034.625	1080	250	250	0
911	7363h	7363	Central	421.875	4034.625	1081	250	250	0
912	7363i	7363	Central	421.125	4034.875	1080	250	250	0
913	7363j	7363	Central	421.375	4034.875	1081	250	250	0
914	7363k	7363	Central	421.625	4034.875	1081	250	250	0
915	7363l	7363	Central	421.875	4034.875	1081	250	250	0
916	7364a	7364	Central	422.125	4034.375	1081	250	250	0
917	7364b	7364	Central	422.375	4034.375	1082	250	250	0
918	7364c	7364	Central	422.125	4034.625	1081	250	250	0
919	7364d	7364	Central	422.375	4034.625	1082	250	250	0
920	7364e	7364	Central	422.125	4034.875	1082	250	250	0
921	7364f	7364	Central	422.375	4034.875	1082	250	250	0
922	7384a	7384	Central	419.375	4033.125	1077	250	250	0
923	7384b	7384	Central	419.625	4033.125	1077	250	250	0
924	7384c	7384	Central	419.375	4033.375	1077	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
925	7384d	7384	Central	419.625	4033.375	1078	250	250	0
926	7384e	7384	Central	419.375	4033.625	1078	250	250	0
927	7384f	7384	Central	419.625	4033.625	1078	250	250	0
928	7384g	7384	Central	419.625	4033.875	1079	250	250	0
929	7384h	7384	Central	419.625	4034.125	1079	250	250	0
930	7385a	7385	Central	420.125	4033.125	1078	250	250	0
931	7385b	7385	Central	420.375	4033.125	1078	250	250	0
932	7385c	7385	Central	420.625	4033.125	1079	250	250	0
933	7385d	7385	Central	420.875	4033.125	1079	250	250	0
934	7385e	7385	Central	420.125	4033.375	1078	250	250	0
935	7385f	7385	Central	420.375	4033.375	1078	250	250	0
936	7385g	7385	Central	420.625	4033.375	1079	250	250	0
937	7385h	7385	Central	420.875	4033.375	1079	250	250	0
938	7385i	7385	Central	420.125	4033.625	1079	250	250	0
939	7385j	7385	Central	420.375	4033.625	1079	250	250	0
940	7385k	7385	Central	420.625	4033.625	1079	250	250	0
941	7385l	7385	Central	420.875	4033.625	1079	250	250	0
942	7385m	7385	Central	420.125	4033.875	1079	250	250	0
943	7385n	7385	Central	420.375	4033.875	1079	250	250	0
944	7385o	7385	Central	420.625	4033.875	1079	250	250	0
945	7385p	7385	Central	420.875	4033.875	1080	250	250	0
946	7386a	7386	Central	421.125	4033.125	1080	250	250	0
947	7386b	7386	Central	421.375	4033.125	1081	250	250	0
948	7386c	7386	Central	421.625	4033.125	1081	250	250	0
949	7386d	7386	Central	421.875	4033.125	1081	250	250	0
950	7386e	7386	Central	421.125	4033.375	1080	250	250	0
951	7386f	7386	Central	421.375	4033.375	1081	250	250	0
952	7386g	7386	Central	421.625	4033.375	1081	250	250	0
953	7386h	7386	Central	421.875	4033.375	1081	250	250	0
954	7386i	7386	Central	421.125	4033.625	1080	250	250	0
955	7386j	7386	Central	421.375	4033.625	1081	250	250	0
956	7386k	7386	Central	421.625	4033.625	1081	250	250	0
957	7386l	7386	Central	421.875	4033.625	1081	250	250	0
958	7386m	7386	Central	421.125	4033.875	1080	250	250	0
959	7386n	7386	Central	421.375	4033.875	1080	250	250	0
960	7386o	7386	Central	421.625	4033.875	1081	250	250	0
961	7386p	7386	Central	421.875	4033.875	1081	250	250	0
962	7387a	7387	Central	422.125	4033.125	1081	250	250	0
963	7387b	7387	Central	422.375	4033.125	1082	250	250	0
964	7387c	7387	Central	422.125	4033.375	1082	250	250	0
965	7387d	7387	Central	422.375	4033.375	1082	250	250	0
966	7387e	7387	Central	422.125	4032.875	1081	250	250	0
967	7387f	7387	Central	422.375	4032.875	1081	250	250	0
968	7406a	7406	Central	418.125	4032.125	1073	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
969	7406b	7406	Central	418.375	4032.125	1074	250	250	0
970	7406c	7406	Central	418.625	4032.125	1074	250	250	0
971	7406d	7406	Central	418.125	4032.375	1073	250	250	0
972	7406e	7406	Central	418.375	4032.375	1073	250	250	0
973	7406f	7406	Central	418.625	4032.375	1074	250	250	0
974	7406g	7406	Central	418.125	4032.625	1073	250	250	0
975	7406h	7406	Central	418.375	4032.625	1073	250	250	0
976	7406i	7406	Central	418.625	4032.625	1073	250	250	0
977	7406j	7406	Central	418.125	4032.875	1073	250	250	0
978	7406k	7406	Central	418.375	4032.875	1073	250	250	0
979	7406l	7406	Central	418.625	4032.875	1073	250	250	0
980	7406m	7406	Central	418.875	4032.125	1074	250	250	0
981	7406n	7406	Central	418.125	4031.375	1074	250	250	0
982	7406o	7406	Central	418.125	4031.625	1074	250	250	0
983	7406p	7406	Central	418.125	4031.875	1074	250	250	0
984	7406q	7406	Central	418.375	4031.875	1074	250	250	0
985	7407a	7407	Central	419.125	4032.125	1075	250	250	0
986	7407b	7407	Central	419.375	4032.125	1075	250	250	0
987	7407c	7407	Central	419.625	4032.125	1076	250	250	0
988	7407d	7407	Central	419.875	4032.125	1077	250	250	0
989	7407e	7407	Central	419.125	4032.375	1075	250	250	0
990	7407f	7407	Central	419.375	4032.375	1075	250	250	0
991	7407g	7407	Central	419.625	4032.375	1076	250	250	0
992	7407h	7407	Central	419.875	4032.375	1077	250	250	0
993	7407i	7407	Central	419.125	4032.625	1075	250	250	0
994	7407j	7407	Central	419.375	4032.625	1075	250	250	0
995	7407k	7407	Central	419.625	4032.625	1076	250	250	0
996	7407l	7407	Central	419.875	4032.625	1077	250	250	0
997	7407m	7407	Central	419.125	4032.875	1075	250	250	0
998	7407n	7407	Central	419.375	4032.875	1076	250	250	0
999	7407o	7407	Central	419.625	4032.875	1077	250	250	0
1000	7407p	7407	Central	418.875	4032.375	1074	250	250	0
1001	7407q	7407	Central	418.875	4032.625	1074	250	250	0
1002	7407r	7407	Central	418.875	4032.875	1074	250	250	0
1003	7407s	7407	Central	420.125	4032.125	1077	250	250	0
1004	7407t	7407	Central	420.375	4032.125	1078	250	250	0
1005	7408a	7408	Central	420.125	4032.375	1077	250	250	0
1006	7408b	7408	Central	420.375	4032.375	1078	250	250	0
1007	7408c	7408	Central	420.625	4032.375	1079	250	250	0
1008	7408d	7408	Central	420.875	4032.375	1080	250	250	0
1009	7408e	7408	Central	420.625	4032.125	1079	250	250	0
1010	7408f	7408	Central	420.875	4032.125	1080	250	250	0
1011	7409a	7409	Central	421.125	4032.125	1080	250	250	0
1012	7409b	7409	Central	421.375	4032.125	1081	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1013	7409c	7409	Central	421.625	4032.125	1082	250	250	0
1014	7409d	7409	Central	421.875	4032.125	1082	250	250	0
1015	7409e	7409	Central	421.125	4032.375	1080	250	250	0
1016	7409f	7409	Central	421.375	4032.375	1081	250	250	0
1017	7409g	7409	Central	421.625	4032.375	1081	250	250	0
1018	7409h	7409	Central	421.875	4032.375	1081	250	250	0
1019	7409i	7409	Central	421.125	4032.625	1080	250	250	0
1020	7409j	7409	Central	421.375	4032.625	1081	250	250	0
1021	7409k	7409	Central	421.625	4032.625	1081	250	250	0
1022	7409l	7409	Central	421.875	4032.625	1081	250	250	0
1023	7409m	7409	Central	421.125	4032.875	1080	250	250	0
1024	7409n	7409	Central	421.375	4032.875	1081	250	250	0
1025	7409o	7409	Central	421.625	4032.875	1081	250	250	0
1026	7409p	7409	Central	421.875	4032.875	1081	250	250	0
1027	7410a	7410	Central	422.125	4032.125	1082	250	250	0
1028	7410b	7410	Central	422.375	4032.125	1081	250	250	0
1029	7410c	7410	Central	422.625	4032.125	1082	250	250	0
1030	7410d	7410	Central	422.875	4032.125	1082	250	250	0
1031	7410e	7410	Central	422.125	4032.375	1081	250	250	0
1032	7410f	7410	Central	422.375	4032.375	1081	250	250	0
1033	7410g	7410	Central	422.625	4032.375	1081	250	250	0
1034	7410h	7410	Central	422.875	4032.375	1082	250	250	0
1035	7410i	7410	Central	422.125	4032.625	1081	250	250	0
1036	7410j	7410	Central	422.375	4032.625	1081	250	250	0
1037	7410k	7410	Central	422.625	4032.625	1081	250	250	0
1038	7410l	7410	Central	422.875	4032.625	1081	250	250	0
1039	7410m	7410	Central	422.625	4032.875	1081	250	250	0
1040	7410n	7410	Central	422.875	4032.875	1082	250	250	0
1041	7429a	7429	Central	418.375	4031.125	1074	250	250	0
1042	7429b	7429	Central	418.625	4031.125	1075	250	250	0
1043	7429c	7429	Central	418.875	4031.125	1075	250	250	0
1044	7429d	7429	Central	418.375	4031.375	1074	250	250	0
1045	7429e	7429	Central	418.625	4031.375	1075	250	250	0
1046	7429f	7429	Central	418.875	4031.375	1075	250	250	0
1047	7429g	7429	Central	418.375	4031.625	1074	250	250	0
1048	7429h	7429	Central	418.625	4031.625	1074	250	250	0
1049	7429i	7429	Central	418.875	4031.625	1075	250	250	0
1050	7429j	7429	Central	418.625	4031.875	1074	250	250	0
1051	7429k	7429	Central	418.875	4031.875	1075	250	250	0
1052	7429l	7429	Central	418.125	4031.125	1074	250	250	0
1053	7430a	7430	Central	419.125	4031.125	1075	250	250	0
1054	7430b	7430	Central	419.375	4031.125	1075	250	250	0
1055	7430c	7430	Central	419.625	4031.125	1076	250	250	0
1056	7430d	7430	Central	419.875	4031.125	1076	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1057	7430e	7430	Central	419.125	4031.375	1075	250	250	0
1058	7430f	7430	Central	419.375	4031.375	1076	250	250	0
1059	7430g	7430	Central	419.625	4031.375	1076	250	250	0
1060	7430h	7430	Central	419.875	4031.375	1076	250	250	0
1061	7430i	7430	Central	419.125	4031.625	1075	250	250	0
1062	7430j	7430	Central	419.375	4031.625	1076	250	250	0
1063	7430k	7430	Central	419.625	4031.625	1076	250	250	0
1064	7430l	7430	Central	419.875	4031.625	1077	250	250	0
1065	7430m	7430	Central	419.125	4031.875	1075	250	250	0
1066	7430n	7430	Central	419.375	4031.875	1075	250	250	0
1067	7430o	7430	Central	419.625	4031.875	1076	250	250	0
1068	7430p	7430	Central	419.875	4031.875	1077	250	250	0
1069	7430q	7430	Central	420.125	4031.625	1077	250	250	0
1070	7430r	7430	Central	420.375	4031.625	1078	250	250	0
1071	7430s	7430	Central	420.125	4031.875	1077	250	250	0
1072	7430t	7430	Central	420.375	4031.875	1078	250	250	0
1073	7430u	7430	Central	420.125	4031.375	1077	250	250	0
1074	7431a	7431	Central	420.625	4031.125	1078	250	250	0
1075	7431b	7431	Central	420.875	4031.125	1079	250	250	0
1076	7431c	7431	Central	420.625	4031.375	1078	250	250	0
1077	7431d	7431	Central	420.875	4031.375	1079	250	250	0
1078	7431e	7431	Central	420.625	4031.625	1078	250	250	0
1079	7431f	7431	Central	420.875	4031.625	1080	250	250	0
1080	7431g	7431	Central	420.625	4031.875	1079	250	250	0
1081	7431h	7431	Central	420.875	4031.875	1080	250	250	0
1082	7431i	7431	Central	420.375	4031.125	1077	250	250	0
1083	7431j	7431	Central	420.375	4031.375	1077	250	250	0
1084	7431k	7431	Central	420.125	4031.125	1077	250	250	0
1085	7432a	7432	Central	421.125	4031.125	1080	250	250	0
1086	7432b	7432	Central	421.375	4031.125	1081	250	250	0
1087	7432c	7432	Central	421.125	4031.375	1081	250	250	0
1088	7432d	7432	Central	421.375	4031.375	1082	250	250	0
1089	7432e	7432	Central	421.125	4031.625	1081	250	250	0
1090	7432f	7432	Central	421.375	4031.625	1082	250	250	0
1091	7432g	7432	Central	421.125	4031.875	1081	250	250	0
1092	7432h	7432	Central	421.375	4031.875	1082	250	250	0
1093	7451a	7451	Central	417.125	4030.125	1073	250	250	0
1094	7451b	7451	Central	417.375	4030.125	1074	250	250	0
1095	7451c	7451	Central	417.125	4030.375	1073	250	250	0
1096	7451d	7451	Central	417.375	4030.375	1073	250	250	0
1097	7451e	7451	Central	417.125	4030.625	1073	250	250	0
1098	7451f	7451	Central	417.375	4030.625	1073	250	250	0
1099	7451g	7451	Central	417.125	4030.875	1073	250	250	0
1100	7451h	7451	Central	417.375	4030.875	1073	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1101	7451i	7451	Central	417.625	4030.625	1074	250	250	0
1102	7451j	7451	Central	417.625	4030.875	1074	250	250	0
1103	7451k	7451	Central	416.125	4029.625	1072	250	250	0
1104	7451l	7451	Central	416.375	4029.625	1073	250	250	0
1105	7451m	7451	Central	416.125	4029.875	1071	250	250	0
1106	7451n	7451	Central	416.375	4029.875	1072	250	250	0
1107	7451o	7451	Central	416.625	4029.875	1073	250	250	0
1108	7451p	7451	Central	416.125	4029.375	1072	250	250	0
1109	7452a	7452	Central	418.125	4030.125	1074	250	250	0
1110	7452aa	7452	Central	418.625	4029.875	1073	250	250	0
1111	7452ab	7452	Central	418.875	4029.875	1074	250	250	0
1112	7452b	7452	Central	418.375	4030.125	1074	250	250	0
1113	7452c	7452	Central	418.625	4030.125	1074	250	250	0
1114	7452d	7452	Central	418.875	4030.125	1074	250	250	0
1115	7452e	7452	Central	418.125	4030.375	1074	250	250	0
1116	7452f	7452	Central	418.375	4030.375	1074	250	250	0
1117	7452g	7452	Central	418.625	4030.375	1074	250	250	0
1118	7452h	7452	Central	418.875	4030.375	1074	250	250	0
1119	7452i	7452	Central	418.125	4030.625	1074	250	250	0
1120	7452j	7452	Central	418.375	4030.625	1074	250	250	0
1121	7452k	7452	Central	418.625	4030.625	1075	250	250	0
1122	7452l	7452	Central	418.875	4030.625	1075	250	250	0
1123	7452m	7452	Central	418.125	4030.875	1074	250	250	0
1124	7452n	7452	Central	418.375	4030.875	1074	250	250	0
1125	7452o	7452	Central	418.625	4030.875	1075	250	250	0
1126	7452p	7452	Central	418.875	4030.875	1075	250	250	0
1127	7452q	7452	Central	417.875	4030.125	1074	250	250	0
1128	7452r	7452	Central	417.875	4030.375	1074	250	250	0
1129	7452s	7452	Central	417.875	4030.625	1074	250	250	0
1130	7452t	7452	Central	417.875	4030.875	1074	250	250	0
1131	7452u	7452	Central	417.625	4030.125	1074	250	250	0
1132	7452v	7452	Central	417.625	4030.375	1074	250	250	0
1133	7452w	7452	Central	417.625	4029.875	1074	250	250	0
1134	7452x	7452	Central	417.875	4029.875	1074	250	250	0
1135	7452y	7452	Central	418.125	4029.875	1074	250	250	0
1136	7452z	7452	Central	418.375	4029.875	1073	250	250	0
1137	7453a	7453	Central	419.125	4030.125	1074	250	250	0
1138	7453b	7453	Central	419.375	4030.125	1075	250	250	0
1139	7453c	7453	Central	419.625	4030.125	1075	250	250	0
1140	7453d	7453	Central	419.875	4030.125	1076	250	250	0
1141	7453e	7453	Central	419.125	4030.375	1074	250	250	0
1142	7453f	7453	Central	419.375	4030.375	1075	250	250	0
1143	7453g	7453	Central	419.625	4030.375	1075	250	250	0
1144	7453h	7453	Central	419.875	4030.375	1076	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1145	7453i	7453	Central	419.125	4030.625	1075	250	250	0
1146	7453j	7453	Central	419.375	4030.625	1075	250	250	0
1147	7453k	7453	Central	419.625	4030.625	1075	250	250	0
1148	7453l	7453	Central	419.875	4030.625	1076	250	250	0
1149	7453m	7453	Central	419.125	4030.875	1075	250	250	0
1150	7453n	7453	Central	419.375	4030.875	1075	250	250	0
1151	7453o	7453	Central	419.625	4030.875	1075	250	250	0
1152	7453p	7453	Central	419.875	4030.875	1076	250	250	0
1153	7453q	7453	Central	420.125	4030.375	1077	250	250	0
1154	7453r	7453	Central	419.125	4029.875	1074	250	250	0
1155	7453s	7453	Central	419.375	4029.875	1075	250	250	0
1156	7453t	7453	Central	419.625	4029.875	1075	250	250	0
1157	7454a	7454	Central	420.375	4030.125	1078	250	250	0
1158	7454b	7454	Central	420.625	4030.125	1079	250	250	0
1159	7454c	7454	Central	420.875	4030.125	1080	250	250	0
1160	7454d	7454	Central	420.375	4030.375	1077	250	250	0
1161	7454e	7454	Central	420.625	4030.375	1078	250	250	0
1162	7454f	7454	Central	420.875	4030.375	1079	250	250	0
1163	7454g	7454	Central	420.375	4030.625	1077	250	250	0
1164	7454h	7454	Central	420.625	4030.625	1078	250	250	0
1165	7454i	7454	Central	420.875	4030.625	1079	250	250	0
1166	7454j	7454	Central	420.375	4030.875	1077	250	250	0
1167	7454k	7454	Central	420.625	4030.875	1078	250	250	0
1168	7454l	7454	Central	420.875	4030.875	1079	250	250	0
1169	7454m	7454	Central	420.125	4030.625	1076	250	250	0
1170	7454n	7454	Central	420.125	4030.875	1077	250	250	0
1171	7454o	7454	Central	420.125	4030.125	1077	250	250	0
1172	7455a	7455	Central	421.125	4030.125	1080	250	250	0
1173	7455b	7455	Central	421.375	4030.125	1081	250	250	0
1174	7455c	7455	Central	421.125	4030.375	1080	250	250	0
1175	7455d	7455	Central	421.375	4030.375	1081	250	250	0
1176	7455e	7455	Central	421.125	4030.625	1080	250	250	0
1177	7455f	7455	Central	421.375	4030.625	1081	250	250	0
1178	7455g	7455	Central	421.125	4030.875	1080	250	250	0
1179	7455h	7455	Central	421.375	4030.875	1081	250	250	0
1180	7455i	7455	Central	421.125	4029.625	1082	250	250	0
1181	7455j	7455	Central	421.125	4029.875	1081	250	250	0
1182	7455k	7455	Central	421.375	4029.875	1082	250	250	0
1183	7473a	7473	Central	416.625	4029.125	1075	250	250	0
1184	7473b	7473	Central	416.875	4029.125	1076	250	250	0
1185	7473c	7473	Central	416.625	4029.375	1074	250	250	0
1186	7473d	7473	Central	416.875	4029.375	1074	250	250	0
1187	7473e	7473	Central	416.625	4029.625	1073	250	250	0
1188	7473f	7473	Central	416.875	4029.625	1074	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1189	7473g	7473	Central	416.375	4029.125	1074	250	250	0
1190	7473h	7473	Central	416.375	4029.375	1073	250	250	0
1191	7473i	7473	Central	416.875	4029.875	1073	250	250	0
1192	7473j	7473	Central	416.125	4029.125	1073	250	250	0
1193	7474a	7474	Central	417.125	4029.125	1076	250	250	0
1194	7474b	7474	Central	417.375	4029.125	1077	250	250	0
1195	7474c	7474	Central	417.125	4029.375	1075	250	250	0
1196	7474d	7474	Central	417.375	4029.375	1075	250	250	0
1197	7474e	7474	Central	417.125	4029.625	1074	250	250	0
1198	7474f	7474	Central	417.375	4029.625	1074	250	250	0
1199	7474g	7474	Central	417.125	4029.875	1074	250	250	0
1200	7474h	7474	Central	417.375	4029.875	1074	250	250	0
1201	7474i	7474	Central	417.625	4029.375	1075	250	250	0
1202	7474j	7474	Central	417.875	4029.375	1075	250	250	0
1203	7474k	7474	Central	417.625	4029.625	1074	250	250	0
1204	7474l	7474	Central	417.875	4029.625	1074	250	250	0
1205	7475a	7475	Central	418.125	4029.375	1074	250	250	0
1206	7475b	7475	Central	418.375	4029.375	1073	250	250	0
1207	7475c	7475	Central	418.625	4029.375	1073	250	250	0
1208	7475d	7475	Central	418.125	4029.625	1073	250	250	0
1209	7475e	7475	Central	418.375	4029.625	1073	250	250	0
1210	7475f	7475	Central	418.625	4029.625	1073	250	250	0
1211	7476a	7476	Central	419.625	4029.125	1077	250	250	0
1212	7476b	7476	Central	419.875	4029.125	1079	250	250	0
1213	7476c	7476	Central	419.625	4029.375	1076	250	250	0
1214	7476d	7476	Central	419.875	4029.375	1078	250	250	0
1215	7476e	7476	Central	419.625	4029.625	1076	250	250	0
1216	7476f	7476	Central	419.875	4029.625	1077	250	250	0
1217	7476g	7476	Central	419.875	4029.875	1077	250	250	0
1218	7476h	7476	Central	419.375	4029.125	1076	250	250	0
1219	7477a	7477	Central	420.125	4029.375	1079	250	250	0
1220	7477b	7477	Central	420.375	4029.375	1081	250	250	0
1221	7477c	7477	Central	420.625	4029.375	1082	250	250	0
1222	7477d	7477	Central	420.125	4029.625	1078	250	250	0
1223	7477e	7477	Central	420.375	4029.625	1080	250	250	0
1224	7477f	7477	Central	420.625	4029.625	1081	250	250	0
1225	7477g	7477	Central	420.125	4029.875	1078	250	250	0
1226	7477h	7477	Central	420.375	4029.875	1079	250	250	0
1227	7477i	7477	Central	420.625	4029.875	1080	250	250	0
1228	7477j	7477	Central	420.875	4029.625	1081	250	250	0
1229	7477k	7477	Central	420.875	4029.875	1080	250	250	0
1230	7477l	7477	Central	420.125	4029.125	1081	250	250	0
1231	7477m	7477	Central	420.375	4029.125	1082	250	250	0
1232	7477n	7477	Central	420.125	4028.625	1083	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1233	7477o	7477	Central	420.125	4028.875	1082	250	250	0
1234	7477p	7477	Central	420.375	4028.875	1084	250	250	0
1235	7495a	7495	Central	415.125	4028.625	1074	250	250	0
1236	7495b	7495	Central	415.375	4028.625	1073	250	250	0
1237	7495c	7495	Central	415.625	4028.625	1074	250	250	0
1238	7495d	7495	Central	415.875	4028.625	1074	250	250	0
1239	7495e	7495	Central	415.125	4028.875	1073	250	250	0
1240	7495f	7495	Central	415.375	4028.875	1072	250	250	0
1241	7495g	7495	Central	415.625	4028.875	1073	250	250	0
1242	7495h	7495	Central	415.875	4028.875	1074	250	250	0
1243	7495i	7495	Central	415.125	4028.375	1074	250	250	0
1244	8495a	7495	Central	415.375	4028.125	1074	250	250	0
1245	8495b	7495	Central	415.625	4028.125	1075	250	250	0
1246	8495c	7495	Central	415.875	4028.125	1075	250	250	0
1247	8495d	7495	Central	415.375	4028.375	1074	250	250	0
1248	8495e	7495	Central	415.625	4028.375	1074	250	250	0
1249	8495f	7495	Central	415.875	4028.375	1075	250	250	0
1250	8495g	7495	Central	415.125	4028.125	1074	250	250	0
1251	8495h	7495	Central	414.875	4028.125	1074	250	250	0
1252	8495i	7495	Central	414.625	4027.375	1075	250	250	0
1253	8495j	7495	Central	414.875	4027.375	1075	250	250	0
1254	8495k	7495	Central	414.625	4027.625	1074	250	250	0
1255	8495l	7495	Central	414.875	4027.625	1075	250	250	0
1256	8495m	7495	Central	414.625	4027.875	1074	250	250	0
1257	8495n	7495	Central	414.875	4027.875	1075	250	250	0
1258	7496a	7496	Central	416.125	4028.125	1076	250	250	0
1259	7496b	7496	Central	416.375	4028.125	1076	250	250	0
1260	7496c	7496	Central	416.625	4028.125	1077	250	250	0
1261	7496d	7496	Central	416.875	4028.125	1078	250	250	0
1262	7496e	7496	Central	416.125	4028.375	1076	250	250	0
1263	7496f	7496	Central	416.375	4028.375	1077	250	250	0
1264	7496g	7496	Central	416.625	4028.375	1078	250	250	0
1265	7496h	7496	Central	416.875	4028.375	1078	250	250	0
1266	7496i	7496	Central	416.125	4028.625	1075	250	250	0
1267	7496j	7496	Central	416.375	4028.625	1076	250	250	0
1268	7496k	7496	Central	416.625	4028.625	1077	250	250	0
1269	7496l	7496	Central	416.875	4028.625	1078	250	250	0
1270	7496m	7496	Central	416.125	4028.875	1074	250	250	0
1271	7496n	7496	Central	416.375	4028.875	1075	250	250	0
1272	7496o	7496	Central	416.625	4028.875	1076	250	250	0
1273	7496p	7496	Central	416.875	4028.875	1077	250	250	0
1274	7496q	7496	Central	417.125	4028.125	1078	250	250	0
1275	7496r	7496	Central	417.125	4028.375	1079	250	250	0
1276	7496s	7496	Central	417.375	4028.375	1080	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1277	7497a	7497	Central	417.625	4028.125	1079	250	250	0
1278	7497b	7497	Central	417.875	4028.125	1078	250	250	0
1279	7497c	7497	Central	417.625	4028.375	1080	250	250	0
1280	7497d	7497	Central	417.875	4028.375	1079	250	250	0
1281	7497e	7497	Central	417.375	4028.125	1079	250	250	0
1282	7498a	7498	Central	418.625	4028.625	1077	250	250	0
1283	7498b	7498	Central	418.875	4028.625	1078	250	250	0
1284	7498c	7498	Central	418.625	4028.875	1076	250	250	0
1285	7498d	7498	Central	418.875	4028.875	1076	250	250	0
1286	8498a	7498	Central	418.125	4028.125	1078	250	250	0
1287	8498b	7498	Central	418.375	4028.125	1077	250	250	0
1288	8498c	7498	Central	418.625	4028.125	1077	250	250	0
1289	8498d	7498	Central	418.875	4028.125	1078	250	250	0
1290	8498e	7498	Central	418.125	4028.375	1079	250	250	0
1291	8498f	7498	Central	418.375	4028.375	1078	250	250	0
1292	8498g	7498	Central	418.625	4028.375	1078	250	250	0
1293	8498h	7498	Central	418.875	4028.375	1078	250	250	0
1294	7499a	7499	Central	419.125	4028.375	1079	250	250	0
1295	7499b	7499	Central	419.375	4028.375	1079	250	250	0
1296	7499c	7499	Central	419.625	4028.375	1080	250	250	0
1297	7499d	7499	Central	419.875	4028.375	1082	250	250	0
1298	7499e	7499	Central	419.125	4028.625	1078	250	250	0
1299	7499f	7499	Central	419.375	4028.625	1079	250	250	0
1300	7499g	7499	Central	419.625	4028.625	1080	250	250	0
1301	7499h	7499	Central	419.875	4028.625	1081	250	250	0
1302	7499i	7499	Central	419.125	4028.875	1077	250	250	0
1303	7499j	7499	Central	419.375	4028.875	1077	250	250	0
1304	7499k	7499	Central	419.625	4028.875	1079	250	250	0
1305	7499l	7499	Central	419.875	4028.875	1080	250	250	0
1306	7499m	7499	Central	419.875	4028.125	1083	250	250	0
1307	8499a	7499	Central	419.125	4028.125	1079	250	250	0
1308	8499b	7499	Central	419.375	4028.125	1079	250	250	0
1309	8499c	7499	Central	419.625	4028.125	1081	250	250	0
1310	7518a	7518	Central	415.875	4027.375	1076	250	250	0
1311	7518b	7518	Central	415.875	4027.625	1075	250	250	0
1312	7518c	7518	Central	415.875	4027.875	1075	250	250	0
1313	7518d	7518	Central	415.125	4027.125	1076	250	250	0
1314	8518a	7518	Central	415.125	4027.375	1075	250	250	0
1315	8518b	7518	Central	415.375	4027.375	1076	250	250	0
1316	8518c	7518	Central	415.625	4027.375	1076	250	250	0
1317	8518d	7518	Central	415.125	4027.625	1075	250	250	0
1318	8518e	7518	Central	415.375	4027.625	1075	250	250	0
1319	8518f	7518	Central	415.625	4027.625	1075	250	250	0
1320	8518g	7518	Central	415.125	4027.875	1075	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1321	8518h	7518	Central	415.375	4027.875	1075	250	250	0
1322	8518i	7518	Central	415.625	4027.875	1075	250	250	0
1323	8518j	7518	Central	415.375	4027.125	1076	250	250	0
1324	8518k	7518	Central	415.625	4027.125	1076	250	250	0
1325	8518l	7518	Central	415.875	4027.125	1076	250	250	0
1326	7519a	7519	Central	416.125	4027.125	1076	250	250	0
1327	7519b	7519	Central	416.375	4027.125	1076	250	250	0
1328	7519c	7519	Central	416.625	4027.125	1076	250	250	0
1329	7519d	7519	Central	416.875	4027.125	1076	250	250	0
1330	7519e	7519	Central	416.125	4027.375	1076	250	250	0
1331	7519f	7519	Central	416.375	4027.375	1076	250	250	0
1332	7519g	7519	Central	416.625	4027.375	1076	250	250	0
1333	7519h	7519	Central	416.875	4027.375	1076	250	250	0
1334	7519i	7519	Central	416.125	4027.625	1076	250	250	0
1335	7519j	7519	Central	416.375	4027.625	1076	250	250	0
1336	7519k	7519	Central	416.625	4027.625	1076	250	250	0
1337	7519l	7519	Central	416.875	4027.625	1076	250	250	0
1338	7519m	7519	Central	416.125	4027.875	1076	250	250	0
1339	7519n	7519	Central	416.375	4027.875	1076	250	250	0
1340	7519o	7519	Central	416.625	4027.875	1076	250	250	0
1341	7519p	7519	Central	416.875	4027.875	1077	250	250	0
1342	7519q	7519	Central	417.125	4027.375	1075	250	250	0
1343	7520a	7520	Central	417.375	4027.125	1075	250	250	0
1344	7520b	7520	Central	417.625	4027.125	1075	250	250	0
1345	7520c	7520	Central	417.875	4027.125	1076	250	250	0
1346	7520d	7520	Central	417.375	4027.375	1075	250	250	0
1347	7520e	7520	Central	417.625	4027.375	1075	250	250	0
1348	7520f	7520	Central	417.875	4027.375	1076	250	250	0
1349	7520g	7520	Central	417.375	4027.625	1076	250	250	0
1350	7520h	7520	Central	417.625	4027.625	1076	250	250	0
1351	7520i	7520	Central	417.875	4027.625	1076	250	250	0
1352	7520j	7520	Central	417.375	4027.875	1077	250	250	0
1353	7520k	7520	Central	417.625	4027.875	1077	250	250	0
1354	7520l	7520	Central	417.875	4027.875	1077	250	250	0
1355	7520m	7520	Central	417.125	4027.625	1076	250	250	0
1356	7520n	7520	Central	417.125	4027.875	1077	250	250	0
1357	7520o	7520	Central	417.125	4027.125	1076	250	250	0
1358	7521a	7521	Central	418.125	4027.125	1076	250	250	0
1359	7521b	7521	Central	418.375	4027.125	1076	250	250	0
1360	7521c	7521	Central	418.625	4027.125	1077	250	250	0
1361	7521d	7521	Central	418.875	4027.125	1078	250	250	0
1362	7521e	7521	Central	418.125	4027.375	1076	250	250	0
1363	7521f	7521	Central	418.375	4027.375	1076	250	250	0
1364	7521g	7521	Central	418.625	4027.375	1077	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1365	7521h	7521	Central	418.875	4027.375	1078	250	250	0
1366	7521i	7521	Central	418.125	4027.625	1076	250	250	0
1367	7521j	7521	Central	418.375	4027.625	1076	250	250	0
1368	7521k	7521	Central	418.625	4027.625	1077	250	250	0
1369	7521l	7521	Central	418.875	4027.625	1078	250	250	0
1370	7521m	7521	Central	418.125	4027.875	1077	250	250	0
1371	7521n	7521	Central	418.375	4027.875	1077	250	250	0
1372	7521o	7521	Central	418.625	4027.875	1077	250	250	0
1373	7521p	7521	Central	418.875	4027.875	1078	250	250	0
1374	7522a	7522	Central	419.125	4027.125	1078	250	250	0
1375	7522b	7522	Central	419.375	4027.125	1079	250	250	0
1376	7522c	7522	Central	419.625	4027.125	1082	250	250	0
1377	7522d	7522	Central	419.125	4027.375	1078	250	250	0
1378	7522e	7522	Central	419.375	4027.375	1079	250	250	0
1379	7522f	7522	Central	419.625	4027.375	1082	250	250	0
1380	7522g	7522	Central	419.125	4027.625	1079	250	250	0
1381	7522h	7522	Central	419.375	4027.625	1079	250	250	0
1382	7522i	7522	Central	419.625	4027.625	1082	250	250	0
1383	7522j	7522	Central	419.125	4027.875	1079	250	250	0
1384	7522k	7522	Central	419.375	4027.875	1079	250	250	0
1385	7522l	7522	Central	419.625	4027.875	1081	250	250	0
1386	7522m	7522	Central	419.875	4027.625	1085	250	250	0
1387	7540a	7540	Central	414.125	4026.625	1075	250	250	0
1388	7540b	7540	Central	414.375	4026.625	1076	250	250	0
1389	7540c	7540	Central	414.125	4026.875	1074	250	250	0
1390	7540d	7540	Central	414.375	4026.875	1075	250	250	0
1391	7540e	7540	Central	414.625	4026.875	1076	250	250	0
1392	7540f	7540	Central	414.125	4026.375	1076	250	250	0
1393	7541a	7541	Central	415.125	4026.125	1077	250	250	0
1394	7541aa	7541	Central	415.125	4025.875	1077	250	250	0
1395	7541ab	7541	Central	415.375	4025.875	1076	250	250	0
1396	7541b	7541	Central	415.375	4026.125	1077	250	250	0
1397	7541c	7541	Central	415.125	4026.375	1078	250	250	0
1398	7541d	7541	Central	415.375	4026.375	1078	250	250	0
1399	7541e	7541	Central	415.125	4026.625	1077	250	250	0
1400	7541f	7541	Central	415.375	4026.625	1078	250	250	0
1401	7541g	7541	Central	415.125	4026.875	1077	250	250	0
1402	7541h	7541	Central	415.375	4026.875	1077	250	250	0
1403	7541i	7541	Central	415.875	4026.125	1077	250	250	0
1404	7541j	7541	Central	415.875	4026.375	1078	250	250	0
1405	7541k	7541	Central	415.875	4026.625	1078	250	250	0
1406	7541l	7541	Central	415.875	4026.875	1077	250	250	0
1407	7541m	7541	Central	415.625	4026.125	1077	250	250	0
1408	7541n	7541	Central	415.625	4026.375	1078	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1409	7541o	7541	Central	414.625	4026.125	1077	250	250	0
1410	7541p	7541	Central	414.875	4026.125	1077	250	250	0
1411	7541q	7541	Central	414.625	4026.375	1077	250	250	0
1412	7541r	7541	Central	414.875	4026.375	1077	250	250	0
1413	7541s	7541	Central	414.625	4026.625	1077	250	250	0
1414	7541t	7541	Central	414.875	4026.625	1077	250	250	0
1415	7541u	7541	Central	414.375	4026.125	1077	250	250	0
1416	7541v	7541	Central	414.375	4026.375	1076	250	250	0
1417	7541w	7541	Central	414.875	4026.875	1076	250	250	0
1418	7541x	7541	Central	414.125	4026.125	1077	250	250	0
1419	7541y	7541	Central	415.125	4025.625	1076	250	250	0
1420	7541z	7541	Central	415.375	4025.625	1076	250	250	0
1421	8541a	7541	Central	415.625	4026.625	1078	250	250	0
1422	8541b	7541	Central	415.625	4026.875	1077	250	250	0
1423	7542a	7542	Central	416.125	4026.125	1077	250	250	0
1424	7542b	7542	Central	416.375	4026.125	1077	250	250	0
1425	7542c	7542	Central	416.625	4026.125	1077	250	250	0
1426	7542d	7542	Central	416.875	4026.125	1077	250	250	0
1427	7542e	7542	Central	416.125	4026.375	1077	250	250	0
1428	7542f	7542	Central	416.375	4026.375	1077	250	250	0
1429	7542g	7542	Central	416.625	4026.375	1077	250	250	0
1430	7542h	7542	Central	416.875	4026.375	1077	250	250	0
1431	7542i	7542	Central	416.125	4026.625	1077	250	250	0
1432	7542j	7542	Central	416.375	4026.625	1077	250	250	0
1433	7542k	7542	Central	416.625	4026.625	1077	250	250	0
1434	7542l	7542	Central	416.875	4026.625	1076	250	250	0
1435	7542m	7542	Central	416.125	4026.875	1077	250	250	0
1436	7542n	7542	Central	416.375	4026.875	1077	250	250	0
1437	7542o	7542	Central	416.625	4026.875	1076	250	250	0
1438	7542p	7542	Central	416.875	4026.875	1076	250	250	0
1439	7542q	7542	Central	417.125	4026.125	1077	250	250	0
1440	7542r	7542	Central	417.125	4026.375	1076	250	250	0
1441	7542s	7542	Central	417.375	4026.125	1077	250	250	0
1442	7543a	7543	Central	417.375	4026.375	1076	250	250	0
1443	7543b	7543	Central	417.625	4026.375	1076	250	250	0
1444	7543c	7543	Central	417.375	4026.625	1075	250	250	0
1445	7543d	7543	Central	417.625	4026.625	1075	250	250	0
1446	7543e	7543	Central	417.375	4026.875	1075	250	250	0
1447	7543f	7543	Central	417.625	4026.875	1075	250	250	0
1448	7543g	7543	Central	417.125	4026.625	1076	250	250	0
1449	7543h	7543	Central	417.125	4026.875	1076	250	250	0
1450	7543i	7543	Central	417.625	4026.125	1077	250	250	0
1451	7544a	7544	Central	418.375	4026.375	1076	250	250	0
1452	7544b	7544	Central	418.625	4026.375	1077	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1453	7544c	7544	Central	418.875	4026.375	1078	250	250	0
1454	7544d	7544	Central	418.375	4026.625	1076	250	250	0
1455	7544e	7544	Central	418.625	4026.625	1077	250	250	0
1456	7544f	7544	Central	418.875	4026.625	1078	250	250	0
1457	7544g	7544	Central	418.375	4026.875	1076	250	250	0
1458	7544h	7544	Central	418.625	4026.875	1077	250	250	0
1459	7544i	7544	Central	418.875	4026.875	1078	250	250	0
1460	7544j	7544	Central	418.375	4026.125	1077	250	250	0
1461	7544k	7544	Central	418.625	4026.125	1078	250	250	0
1462	7544l	7544	Central	418.375	4025.875	1078	250	250	0
1463	7544m	7544	Central	418.625	4025.875	1079	250	250	0
1464	7545a	7545	Central	419.125	4026.375	1079	250	250	0
1465	7545b	7545	Central	419.375	4026.375	1080	250	250	0
1466	7545c	7545	Central	419.125	4026.625	1078	250	250	0
1467	7545d	7545	Central	419.375	4026.625	1079	250	250	0
1468	7545e	7545	Central	419.125	4026.875	1078	250	250	0
1469	7545f	7545	Central	419.375	4026.875	1079	250	250	0
1470	7545g	7545	Central	419.625	4026.625	1082	250	250	0
1471	7545h	7545	Central	419.625	4026.875	1082	250	250	0
1472	7561a	7561	Central	412.125	4025.375	1079	250	250	0
1473	7561b	7561	Central	412.375	4025.375	1079	250	250	0
1474	7561c	7561	Central	412.625	4025.375	1080	250	250	0
1475	7561d	7561	Central	412.125	4025.625	1078	250	250	0
1476	7561e	7561	Central	412.375	4025.625	1078	250	250	0
1477	7561f	7561	Central	412.625	4025.625	1079	250	250	0
1478	7561g	7561	Central	412.125	4025.875	1076	250	250	0
1479	7561h	7561	Central	412.375	4025.875	1076	250	250	0
1480	7561i	7561	Central	412.625	4025.875	1076	250	250	0
1481	7561j	7561	Central	412.875	4025.625	1079	250	250	0
1482	7561k	7561	Central	412.875	4025.875	1077	250	250	0
1483	7561l	7561	Central	412.125	4025.125	1079	250	250	0
1484	7561m	7561	Central	412.375	4025.125	1079	250	250	0
1485	7561n	7561	Central	413.125	4025.875	1078	250	250	0
1486	7561o	7561	Central	413.375	4025.875	1078	250	250	0
1487	7561p	7561	Central	413.625	4025.875	1079	250	250	0
1488	7561q	7561	Central	413.875	4025.875	1078	250	250	0
1489	7562a	7562	Central	413.125	4025.125	1080	250	250	0
1490	7562b	7562	Central	413.375	4025.125	1081	250	250	0
1491	7562c	7562	Central	413.625	4025.125	1081	250	250	0
1492	7562d	7562	Central	413.125	4025.375	1081	250	250	0
1493	7562e	7562	Central	413.375	4025.375	1081	250	250	0
1494	7562f	7562	Central	413.625	4025.375	1081	250	250	0
1495	7562g	7562	Central	413.125	4025.625	1080	250	250	0
1496	7562h	7562	Central	413.375	4025.625	1080	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1497	7562i	7562	Central	413.625	4025.625	1080	250	250	0
1498	7562j	7562	Central	413.875	4025.375	1080	250	250	0
1499	7562k	7562	Central	413.875	4025.625	1079	250	250	0
1500	8562a	7562	Central	413.875	4025.125	1080	250	250	0
1501	8562b	7562	Central	413.875	4024.875	1080	250	250	0
1502	7563a	7563	Central	414.875	4025.125	1077	250	250	0
1503	7563b	7563	Central	414.875	4025.375	1077	250	250	0
1504	7563c	7563	Central	414.875	4025.625	1076	250	250	0
1505	7563d	7563	Central	414.875	4025.875	1077	250	250	0
1506	7563e	7563	Central	414.125	4025.375	1079	250	250	0
1507	7563f	7563	Central	414.125	4025.625	1078	250	250	0
1508	7563g	7563	Central	414.125	4025.875	1077	250	250	0
1509	7563h	7563	Central	414.625	4025.875	1077	250	250	0
1510	8563a	7563	Central	414.375	4025.375	1078	250	250	0
1511	8563b	7563	Central	414.625	4025.375	1077	250	250	0
1512	8563c	7563	Central	414.375	4025.625	1077	250	250	0
1513	8563d	7563	Central	414.625	4025.625	1076	250	250	0
1514	8563e	7563	Central	414.375	4025.875	1077	250	250	0
1515	8563f	7563	Central	414.125	4025.125	1079	250	250	0
1516	7564a	7564	Central	415.625	4025.125	1077	250	250	0
1517	7564b	7564	Central	415.875	4025.125	1078	250	250	0
1518	7564c	7564	Central	415.625	4025.375	1076	250	250	0
1519	7564d	7564	Central	415.875	4025.375	1077	250	250	0
1520	7564e	7564	Central	415.625	4025.625	1076	250	250	0
1521	7564f	7564	Central	415.875	4025.625	1077	250	250	0
1522	7564g	7564	Central	415.625	4025.875	1077	250	250	0
1523	7564h	7564	Central	415.875	4025.875	1077	250	250	0
1524	7564i	7564	Central	415.125	4025.125	1077	250	250	0
1525	7564j	7564	Central	415.375	4025.125	1077	250	250	0
1526	7564k	7564	Central	415.125	4025.375	1076	250	250	0
1527	7564l	7564	Central	415.375	4025.375	1076	250	250	0
1528	7564m	7564	Central	415.375	4024.625	1078	250	250	0
1529	7564n	7564	Central	415.625	4024.625	1079	250	250	0
1530	7564o	7564	Central	415.875	4024.625	1079	250	250	0
1531	7564p	7564	Central	415.375	4024.875	1078	250	250	0
1532	7564q	7564	Central	415.625	4024.875	1078	250	250	0
1533	7564r	7564	Central	415.875	4024.875	1079	250	250	0
1534	7564s	7564	Central	415.125	4024.875	1078	250	250	0
1535	7565a	7565	Central	416.125	4025.125	1078	250	250	0
1536	7565b	7565	Central	416.375	4025.125	1079	250	250	0
1537	7565c	7565	Central	416.625	4025.125	1080	250	250	0
1538	7565d	7565	Central	416.875	4025.125	1080	250	250	0
1539	7565e	7565	Central	416.125	4025.375	1078	250	250	0
1540	7565f	7565	Central	416.375	4025.375	1078	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1541	7565g	7565	Central	416.625	4025.375	1079	250	250	0
1542	7565h	7565	Central	416.875	4025.375	1079	250	250	0
1543	7565i	7565	Central	416.125	4025.625	1077	250	250	0
1544	7565j	7565	Central	416.375	4025.625	1078	250	250	0
1545	7565k	7565	Central	416.625	4025.625	1078	250	250	0
1546	7565l	7565	Central	416.875	4025.625	1078	250	250	0
1547	7565m	7565	Central	416.125	4025.875	1077	250	250	0
1548	7565n	7565	Central	416.375	4025.875	1078	250	250	0
1549	7565o	7565	Central	416.625	4025.875	1078	250	250	0
1550	7565p	7565	Central	416.875	4025.875	1078	250	250	0
1551	7565q	7565	Central	416.125	4024.875	1079	250	250	0
1552	7566a	7566	Central	417.125	4025.125	1081	250	250	0
1553	7566b	7566	Central	417.375	4025.125	1081	250	250	0
1554	7566c	7566	Central	417.125	4025.375	1080	250	250	0
1555	7566d	7566	Central	417.375	4025.375	1080	250	250	0
1556	7566e	7566	Central	417.125	4025.625	1079	250	250	0
1557	7566f	7566	Central	417.375	4025.625	1079	250	250	0
1558	7566g	7566	Central	417.125	4025.875	1078	250	250	0
1559	7566h	7566	Central	417.375	4025.875	1078	250	250	0
1560	7566i	7566	Central	417.625	4025.625	1079	250	250	0
1561	8566a	7566	Central	417.875	4025.625	1079	250	250	0
1562	8566b	7566	Central	417.875	4025.875	1078	250	250	0
1563	8566c	7566	Central	417.625	4025.875	1078	250	250	0
1564	7567a	7567	Central	418.125	4025.125	1083	250	250	0
1565	7567b	7567	Central	418.375	4025.125	1084	250	250	0
1566	7567c	7567	Central	418.625	4025.125	1085	250	250	0
1567	7567d	7567	Central	418.875	4025.125	1089	250	250	0
1568	7567e	7567	Central	418.125	4025.375	1081	250	250	0
1569	7567f	7567	Central	418.375	4025.375	1081	250	250	0
1570	7567g	7567	Central	418.625	4025.375	1082	250	250	0
1571	7567h	7567	Central	418.875	4025.375	1084	250	250	0
1572	7567i	7567	Central	418.125	4025.625	1079	250	250	0
1573	7567j	7567	Central	418.375	4025.625	1079	250	250	0
1574	7567k	7567	Central	418.625	4025.625	1080	250	250	0
1575	7567l	7567	Central	418.875	4025.625	1082	250	250	0
1576	7567m	7567	Central	418.875	4025.875	1080	250	250	0
1577	7567n	7567	Central	419.125	4025.875	1082	250	250	0
1578	7584a	7584	Central	412.125	4024.375	1079	250	250	0
1579	7584b	7584	Central	412.375	4024.375	1078	250	250	0
1580	7584c	7584	Central	412.625	4024.375	1079	250	250	0
1581	7584d	7584	Central	412.125	4024.625	1079	250	250	0
1582	7584e	7584	Central	412.375	4024.625	1079	250	250	0
1583	7584f	7584	Central	412.625	4024.625	1079	250	250	0
1584	7584g	7584	Central	412.125	4024.875	1079	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1585	7584h	7584	Central	412.375	4024.875	1079	250	250	0
1586	7584i	7584	Central	412.625	4024.875	1079	250	250	0
1587	7584j	7584	Central	412.875	4024.625	1079	250	250	0
1588	7584k	7584	Central	412.875	4024.875	1080	250	250	0
1589	7584l	7584	Central	412.125	4024.125	1079	250	250	0
1590	7584m	7584	Central	412.375	4024.125	1078	250	250	0
1591	7584n	7584	Central	412.875	4025.125	1080	250	250	0
1592	7584o	7584	Central	412.875	4025.375	1080	250	250	0
1593	7584p	7584	Central	412.625	4025.125	1079	250	250	0
1594	7584q	7584	Central	412.125	4023.625	1078	250	250	0
1595	7584r	7584	Central	412.125	4023.875	1078	250	250	0
1596	7585a	7585	Central	413.125	4024.125	1081	250	250	0
1597	7585b	7585	Central	413.375	4024.125	1082	250	250	0
1598	7585c	7585	Central	413.625	4024.125	1082	250	250	0
1599	7585d	7585	Central	413.875	4024.125	1082	250	250	0
1600	7585e	7585	Central	413.125	4024.375	1080	250	250	0
1601	7585f	7585	Central	413.375	4024.375	1081	250	250	0
1602	7585g	7585	Central	413.625	4024.375	1081	250	250	0
1603	7585h	7585	Central	413.875	4024.375	1081	250	250	0
1604	7585i	7585	Central	413.125	4024.625	1080	250	250	0
1605	7585j	7585	Central	413.375	4024.625	1080	250	250	0
1606	7585k	7585	Central	413.625	4024.625	1080	250	250	0
1607	7585l	7585	Central	413.875	4024.625	1080	250	250	0
1608	7585m	7585	Central	413.125	4024.875	1080	250	250	0
1608	7585n	7585	Central	413.375	4024.875	1081	250	250	0
1610	7585o	7585	Central	413.625	4024.875	1081	250	250	0
1611	7585p	7585	Central	412.875	4024.125	1080	250	250	0
1612	7585q	7585	Central	412.875	4024.375	1079	250	250	0
1613	7585r	7585	Central	412.625	4024.125	1079	250	250	0
1614	7586a	7586	Central	414.125	4024.125	1081	250	250	0
1615	7586b	7586	Central	414.375	4024.125	1081	250	250	0
1616	7586b	7586	Central	414.375	4024.125	1081	250	250	0
1617	7586d	7586	Central	414.875	4024.125	1081	250	250	0
1618	7586e	7586	Central	414.125	4024.375	1080	250	250	0
1619	7586f	7586	Central	414.375	4024.375	1080	250	250	0
1620	7586g	7586	Central	414.625	4024.375	1080	250	250	0
1621	7586h	7586	Central	414.875	4024.375	1080	250	250	0
1622	7586i	7586	Central	414.125	4024.625	1080	250	250	0
1623	7586j	7586	Central	414.375	4024.625	1080	250	250	0
1624	7586k	7586	Central	414.625	4024.625	1079	250	250	0
1625	7586l	7586	Central	414.875	4024.625	1079	250	250	0
1626	7586m	7586	Central	414.125	4024.875	1079	250	250	0
1627	7586n	7586	Central	414.375	4024.875	1079	250	250	0
1628	7586o	7586	Central	414.625	4024.875	1079	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1629	7586p	7586	Central	414.875	4024.875	1078	250	250	0
1630	7586q	7586	Central	414.375	4025.125	1078	250	250	0
1631	7586r	7586	Central	414.625	4025.125	1078	250	250	0
1632	7588a	7588	Central	416.875	4024.125	1085	250	250	0
1633	7588b	7588	Central	416.875	4024.375	1084	250	250	0
1634	8588a	7588	Central	416.125	4024.125	1083	250	250	0
1635	8588b	7588	Central	416.375	4024.125	1084	250	250	0
1636	8588c	7588	Central	416.625	4024.125	1084	250	250	0
1637	8588d	7588	Central	416.125	4024.375	1081	250	250	0
1638	8588e	7588	Central	416.375	4024.375	1082	250	250	0
1639	8588f	7588	Central	416.625	4024.375	1083	250	250	0
1640	8588g	7588	Central	416.125	4024.625	1080	250	250	0
1641	8588h	7588	Central	416.375	4024.625	1081	250	250	0
1642	8588i	7588	Central	416.625	4024.625	1082	250	250	0
1643	8588j	7588	Central	416.375	4024.875	1080	250	250	0
1644	8588k	7588	Central	416.625	4024.875	1081	250	250	0
1645	8588l	7588	Central	416.875	4024.875	1081	250	250	0
1646	8588m	7588	Central	416.875	4024.625	1082	250	250	0
1647	8588n	7588	Central	415.875	4024.375	1081	250	250	0
1648	7589a	7589	Central	417.125	4024.125	1086	250	250	0
1649	7589b	7589	Central	417.375	4024.125	1087	250	250	0
1650	7589c	7589	Central	417.625	4024.125	1090	250	250	0
1651	7589d	7589	Central	417.875	4024.125	1093	250	250	0
1652	7589e	7589	Central	417.125	4024.375	1085	250	250	0
1653	7589f	7589	Central	417.375	4024.375	1085	250	250	0
1654	7589g	7589	Central	417.625	4024.375	1087	250	250	0
1655	7589h	7589	Central	417.875	4024.375	1089	250	250	0
1656	7589i	7589	Central	417.125	4024.625	1083	250	250	0
1657	7589j	7589	Central	417.375	4024.625	1084	250	250	0
1658	7589k	7589	Central	417.625	4024.625	1085	250	250	0
1659	7589l	7589	Central	417.875	4024.625	1086	250	250	0
1660	7589m	7589	Central	417.125	4024.875	1082	250	250	0
1661	7589n	7589	Central	417.375	4024.875	1083	250	250	0
1662	7589o	7589	Central	417.625	4024.875	1083	250	250	0
1663	7589p	7589	Central	417.875	4024.875	1084	250	250	0
1664	7589q	7589	Central	417.625	4025.125	1082	250	250	0
1665	7589r	7589	Central	417.875	4025.125	1082	250	250	0
1666	7589s	7589	Central	417.625	4025.375	1080	250	250	0
1667	7589t	7589	Central	417.875	4025.375	1080	250	250	0
1668	7604a	7604	South	409.125	4023.125	1100	250	250	0
1669	7604b	7604	South	409.375	4023.125	1094	250	250	0
1670	7604c	7604	South	409.125	4023.375	1101	250	250	0
1671	7604d	7604	South	409.375	4023.375	1095	250	250	0
1672	7604e	7604	South	409.125	4023.625	1101	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1673	7604f	7604	South	409.375	4023.625	1095	250	250	0
1674	7604g	7604	South	409.625	4023.125	1090	250	250	0
1675	7604h	7604	South	409.625	4023.375	1090	250	250	0
1676	7604i	7604	South	409.125	4023.875	1101	250	250	0
1677	7604j	7604	South	409.875	4023.125	1087	250	250	0
1678	7605a	7605	South	410.125	4023.125	1084	250	250	0
1679	7605aa	7605	South	411.625	4023.875	1079	250	250	0
1680	7605ab	7605	South	411.875	4023.875	1079	250	250	0
1681	7605b	7605	South	410.375	4023.125	1080	250	250	0
1682	7605c	7605	South	410.625	4023.125	1079	250	250	0
1683	7605d	7605	South	410.875	4023.125	1079	250	250	0
1684	7605e	7605	South	410.125	4023.375	1083	250	250	0
1685	7605f	7605	South	410.375	4023.375	1079	250	250	0
1686	7605g	7605	South	410.625	4023.375	1078	250	250	0
1687	7605h	7605	South	410.875	4023.375	1078	250	250	0
1688	7605i	7605	South	410.125	4023.625	1083	250	250	0
1689	7605j	7605	South	410.375	4023.625	1079	250	250	0
1690	7605k	7605	South	410.625	4023.625	1077	250	250	0
1691	7605l	7605	South	410.875	4023.625	1078	250	250	0
1692	7605m	7605	South	410.125	4023.875	1083	250	250	0
1693	7605n	7605	South	410.375	4023.875	1080	250	250	0
1694	7605o	7605	South	410.625	4023.875	1078	250	250	0
1695	7605p	7605	South	410.875	4023.875	1078	250	250	0
1696	7605q	7605	South	411.125	4023.125	1080	250	250	0
1697	7605r	7605	South	411.375	4023.125	1080	250	250	0
1698	7605s	7605	South	411.125	4023.375	1079	250	250	0
1699	7605t	7605	South	411.375	4023.375	1079	250	250	0
1700	7605u	7605	South	411.125	4023.625	1078	250	250	0
1701	7605v	7605	South	411.375	4023.625	1079	250	250	0
1702	7605w	7605	South	411.125	4023.875	1079	250	250	0
1703	7605x	7605	South	411.375	4023.875	1079	250	250	0
1704	7605y	7605	South	411.625	4023.625	1079	250	250	0
1705	7605z	7605	South	411.875	4023.625	1079	250	250	0
1706	7606a	7606	South	411.625	4023.125	1080	250	250	0
1707	7606b	7606	South	411.625	4023.375	1079	250	250	0
1708	7606c	7606	South	411.875	4023.375	1079	250	250	0
1709	8606a	7606	South	411.875	4023.125	1079	250	250	0
1710	8606b	7606	South	412.125	4023.125	1079	250	250	0
1711	8606c	7606	South	412.125	4023.375	1078	250	250	0
1712	7607a	7607	South	412.375	4023.125	1078	250	250	0
1713	7607b	7607	South	412.625	4023.125	1078	250	250	0
1714	7607c	7607	South	412.875	4023.125	1080	250	250	0
1715	7607d	7607	South	412.375	4023.375	1078	250	250	0
1716	7607e	7607	South	412.625	4023.375	1079	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1717	7607f	7607	South	412.875	4023.375	1080	250	250	0
1718	7607g	7607	South	412.375	4023.625	1078	250	250	0
1719	7607h	7607	South	412.625	4023.625	1079	250	250	0
1720	7607i	7607	South	412.875	4023.625	1080	250	250	0
1721	7607j	7607	South	412.375	4023.875	1078	250	250	0
1722	7607k	7607	South	412.625	4023.875	1079	250	250	0
1723	7607l	7607	South	412.875	4023.875	1080	250	250	0
1724	7607m	7607	South	412.375	4022.875	1078	250	250	0
1725	7607n	7607	South	412.625	4022.875	1078	250	250	0
1726	7607o	7607	South	412.875	4022.875	1080	250	250	0
1727	7608a	7608	South	413.125	4023.125	1082	250	250	0
1728	7608b	7608	South	413.375	4023.125	1083	250	250	0
1729	7608c	7608	South	413.625	4023.125	1084	250	250	0
1730	7608d	7608	South	413.875	4023.125	1084	250	250	0
1731	7608e	7608	South	413.125	4023.375	1082	250	250	0
1732	7608f	7608	South	413.375	4023.375	1084	250	250	0
1733	7608g	7608	South	413.625	4023.375	1085	250	250	0
1734	7608h	7608	South	413.875	4023.375	1084	250	250	0
1735	7608i	7608	South	413.125	4023.625	1082	250	250	0
1736	7608j	7608	South	413.375	4023.625	1084	250	250	0
1737	7608k	7608	South	413.625	4023.625	1084	250	250	0
1738	7608l	7608	South	413.875	4023.625	1084	250	250	0
1739	7608m	7608	South	413.125	4023.875	1081	250	250	0
1740	7608n	7608	South	413.375	4023.875	1083	250	250	0
1741	7608o	7608	South	413.625	4023.875	1083	250	250	0
1742	7608p	7608	South	413.875	4023.875	1083	250	250	0
1743	7609a	7609	South	414.125	4023.125	1084	250	250	0
1744	7609b	7609	South	414.375	4023.125	1084	250	250	0
1745	7609c	7609	South	414.625	4023.125	1084	250	250	0
1746	7609d	7609	South	414.875	4023.125	1085	250	250	0
1747	7609e	7609	South	414.125	4023.375	1083	250	250	0
1748	7609f	7609	South	414.375	4023.375	1083	250	250	0
1749	7609g	7609	South	414.625	4023.375	1083	250	250	0
1750	7609h	7609	South	414.875	4023.375	1084	250	250	0
1751	7609i	7609	South	414.125	4023.625	1083	250	250	0
1752	7609j	7609	South	414.375	4023.625	1082	250	250	0
1753	7609k	7609	South	414.625	4023.625	1082	250	250	0
1754	7609l	7609	South	414.875	4023.625	1083	250	250	0
1755	7609m	7609	South	414.125	4023.875	1082	250	250	0
1756	7609n	7609	South	414.375	4023.875	1082	250	250	0
1757	7609o	7609	South	414.625	4023.875	1082	250	250	0
1758	7609p	7609	South	414.875	4023.875	1082	250	250	0
1759	7610a	7610	Central	415.125	4023.375	1085	250	250	0
1760	7610aa	7610	Central	416.375	4023.625	1086	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1761	7610ab	7610	Central	416.125	4023.875	1085	250	250	0
1762	7610ac	7610	Central	416.375	4023.875	1085	250	250	0
1763	7610ad	7610	Central	416.625	4023.625	1087	250	250	0
1764	7610ae	7610	Central	416.125	4023.125	1089	250	250	0
1765	7610af	7610	Central	415.125	4022.375	1089	250	250	0
1766	7610ag	7610	Central	415.125	4022.625	1088	250	250	0
1767	7610ah	7610	Central	415.125	4022.875	1087	250	250	0
1768	7610ai	7610	Central	415.375	4022.875	1088	250	250	0
1769	7610b	7610	Central	415.375	4023.375	1086	250	250	0
1770	7610c	7610	Central	415.625	4023.375	1087	250	250	0
1771	7610d	7610	Central	415.875	4023.375	1087	250	250	0
1772	7610e	7610	Central	415.125	4023.625	1084	250	250	0
1773	7610f	7610	Central	415.375	4023.625	1085	250	250	0
1774	7610g	7610	Central	415.625	4023.625	1086	250	250	0
1775	7610h	7610	Central	415.875	4023.625	1086	250	250	0
1776	7610i	7610	Central	415.125	4023.875	1083	250	250	0
1777	7610j	7610	Central	415.375	4023.875	1083	250	250	0
1778	7610k	7610	Central	415.625	4023.875	1084	250	250	0
1779	7610l	7610	Central	415.875	4023.875	1084	250	250	0
1780	7610m	7610	Central	415.125	4023.125	1086	250	250	0
1781	7610n	7610	Central	415.375	4023.125	1087	250	250	0
1782	7610o	7610	Central	415.625	4023.125	1088	250	250	0
1783	7610p	7610	Central	415.125	4024.125	1081	250	250	0
1784	7610q	7610	Central	415.375	4024.125	1082	250	250	0
1785	7610r	7610	Central	415.625	4024.125	1082	250	250	0
1786	7610s	7610	Central	415.125	4024.375	1080	250	250	0
1787	7610t	7610	Central	415.375	4024.375	1080	250	250	0
1788	7610u	7610	Central	415.625	4024.375	1080	250	250	0
1789	7610v	7610	Central	415.125	4024.625	1079	250	250	0
1790	7610w	7610	Central	415.875	4024.125	1083	250	250	0
1791	7610x	7610	Central	416.125	4023.375	1088	250	250	0
1792	7610y	7610	Central	416.375	4023.375	1088	250	250	0
1793	7610z	7610	Central	416.125	4023.625	1086	250	250	0
1794	7611a	7611	Central	416.875	4023.625	1089	250	250	0
1795	7611b	7611	Central	416.875	4023.875	1087	250	250	0
1796	8611a	7611	Central	416.625	4023.375	1089	250	250	0
1797	8611b	7611	Central	416.875	4023.375	1091	250	250	0
1798	8611c	7611	Central	416.625	4023.875	1086	250	250	0
1799	8611d	7611	Central	416.375	4023.125	1089	250	250	0
1800	7627a	7627	South	409.125	4022.125	1096	250	250	0
1801	7627b	7627	South	409.375	4022.125	1091	250	250	0
1802	7627c	7627	South	409.625	4022.125	1087	250	250	0
1803	7627d	7627	South	409.875	4022.125	1085	250	250	0
1804	7627e	7627	South	409.125	4022.375	1098	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1805	7627f	7627	South	409.375	4022.375	1092	250	250	0
1806	7627g	7627	South	409.625	4022.375	1089	250	250	0
1807	7627h	7627	South	409.875	4022.375	1087	250	250	0
1808	7627i	7627	South	409.125	4022.625	1098	250	250	0
1809	7627j	7627	South	409.375	4022.625	1093	250	250	0
1810	7627k	7627	South	409.625	4022.625	1090	250	250	0
1811	7627l	7627	South	409.875	4022.625	1087	250	250	0
1812	7627m	7627	South	409.125	4022.875	1099	250	250	0
1813	7627n	7627	South	409.375	4022.875	1094	250	250	0
1814	7627o	7627	South	409.625	4022.875	1090	250	250	0
1815	7627p	7627	South	409.875	4022.875	1087	250	250	0
1816	7627q	7627	South	409.125	4021.125	1090	250	250	0
1817	7627r	7627	South	409.375	4021.125	1084	250	250	0
1818	7627s	7627	South	409.125	4021.375	1093	250	250	0
1819	7627t	7627	South	409.375	4021.375	1086	250	250	0
1820	7627u	7627	South	409.125	4021.625	1094	250	250	0
1821	7627v	7627	South	409.375	4021.625	1088	250	250	0
1822	7627w	7627	South	409.125	4021.875	1095	250	250	0
1823	7627x	7627	South	409.375	4021.875	1089	250	250	0
1824	7628a	7628	South	410.125	4022.125	1084	250	250	0
1825	7628b	7628	South	410.375	4022.125	1082	250	250	0
1826	7628c	7628	South	410.625	4022.125	1081	250	250	0
1827	7628d	7628	South	410.875	4022.125	1082	250	250	0
1828	7628e	7628	South	410.125	4022.375	1085	250	250	0
1829	7628f	7628	South	410.375	4022.375	1083	250	250	0
1830	7628g	7628	South	410.625	4022.375	1082	250	250	0
1831	7628h	7628	South	410.875	4022.375	1082	250	250	0
1832	7628i	7628	South	410.125	4022.625	1085	250	250	0
1833	7628j	7628	South	410.375	4022.625	1083	250	250	0
1834	7628k	7628	South	410.625	4022.625	1082	250	250	0
1835	7628l	7628	South	410.875	4022.625	1082	250	250	0
1836	7628m	7628	South	410.125	4022.875	1084	250	250	0
1837	7628n	7628	South	410.375	4022.875	1081	250	250	0
1838	7628o	7628	South	410.625	4022.875	1080	250	250	0
1839	7628p	7628	South	410.875	4022.875	1081	250	250	0
1840	7629a	7629	South	411.125	4022.375	1082	250	250	0
1841	7629b	7629	South	411.375	4022.375	1083	250	250	0
1842	7629c	7629	South	411.125	4022.625	1082	250	250	0
1843	7629d	7629	South	411.375	4022.625	1082	250	250	0
1844	7629e	7629	South	411.125	4022.875	1081	250	250	0
1845	7629f	7629	South	411.375	4022.875	1081	250	250	0
1846	7629g	7629	South	411.625	4022.625	1082	250	250	0
1847	7629h	7629	South	411.625	4022.875	1081	250	250	0
1848	7629i	7629	South	411.125	4022.125	1083	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1849	8629a	7629	South	411.875	4022.125	1082	250	250	0
1850	8629b	7629	South	411.875	4022.375	1081	250	250	0
1851	8629c	7629	South	411.875	4022.625	1080	250	250	0
1852	8629d	7629	South	411.875	4022.875	1080	250	250	0
1853	8629e	7629	South	411.625	4022.125	1083	250	250	0
1854	8629f	7629	South	411.625	4022.375	1082	250	250	0
1855	8629g	7629	South	411.375	4022.125	1083	250	250	0
1856	8629h	7629	South	412.125	4022.375	1080	250	250	0
1857	8629i	7629	South	412.125	4022.625	1079	250	250	0
1858	8629j	7629	South	412.125	4022.875	1079	250	250	0
1859	8629k	7629	South	412.375	4022.625	1078	250	250	0
1860	8629l	7629	South	411.125	4021.875	1083	250	250	0
1861	8629m	7629	South	411.375	4021.875	1084	250	250	0
1862	8629n	7629	South	411.625	4021.875	1084	250	250	0
1863	8629o	7629	South	411.875	4021.875	1082	250	250	0
1864	8629p	7629	South	411.125	4021.625	1083	250	250	0
1865	7630a	7630	South	412.625	4022.125	1079	250	250	0
1866	7630b	7630	South	412.875	4022.125	1080	250	250	0
1867	7630c	7630	South	412.625	4022.375	1078	250	250	0
1868	7630d	7630	South	412.875	4022.375	1079	250	250	0
1869	7630e	7630	South	412.625	4022.625	1078	250	250	0
1870	7630f	7630	South	412.875	4022.625	1079	250	250	0
1871	7630g	7630	South	412.375	4022.125	1079	250	250	0
1872	7630h	7630	South	412.375	4022.375	1079	250	250	0
1873	7630i	7630	South	412.125	4022.125	1080	250	250	0
1874	7631a	7631	South	413.125	4022.375	1080	250	250	0
1875	7631b	7631	South	413.375	4022.375	1081	250	250	0
1876	7631c	7631	South	413.625	4022.375	1082	250	250	0
1877	7631d	7631	South	413.875	4022.375	1083	250	250	0
1878	7631e	7631	South	413.125	4022.625	1080	250	250	0
1879	7631f	7631	South	413.375	4022.625	1081	250	250	0
1880	7631g	7631	South	413.625	4022.625	1082	250	250	0
1881	7631h	7631	South	413.875	4022.625	1083	250	250	0
1882	7631i	7631	South	413.125	4022.875	1081	250	250	0
1883	7631j	7631	South	413.375	4022.875	1082	250	250	0
1884	7631k	7631	South	413.625	4022.875	1083	250	250	0
1885	7631l	7631	South	413.875	4022.875	1084	250	250	0
1886	7631m	7631	South	413.125	4022.125	1081	250	250	0
1887	7631n	7631	South	413.375	4022.125	1082	250	250	0
1888	7632a	7632	South	414.125	4022.125	1085	250	250	0
1889	7632b	7632	South	414.375	4022.125	1086	250	250	0
1890	7632c	7632	South	414.625	4022.125	1087	250	250	0
1891	7632d	7632	South	414.875	4022.125	1089	250	250	0
1892	7632e	7632	South	414.125	4022.375	1085	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1893	7632f	7632	South	414.375	4022.375	1086	250	250	0
1894	7632g	7632	South	414.625	4022.375	1087	250	250	0
1895	7632h	7632	South	414.875	4022.375	1088	250	250	0
1896	7632i	7632	South	414.125	4022.625	1084	250	250	0
1897	7632j	7632	South	414.375	4022.625	1085	250	250	0
1898	7632k	7632	South	414.625	4022.625	1086	250	250	0
1899	7632l	7632	South	414.875	4022.625	1087	250	250	0
1900	7632m	7632	South	414.125	4022.875	1084	250	250	0
1901	7632n	7632	South	414.375	4022.875	1085	250	250	0
1902	7632o	7632	South	414.625	4022.875	1085	250	250	0
1903	7632p	7632	South	414.875	4022.875	1086	250	250	0
1904	7633a	7633	Central	415.625	4022.625	1089	250	250	0
1905	7633b	7633	Central	415.625	4022.875	1088	250	250	0
1906	7633c	7633	Central	415.375	4022.375	1089	250	250	0
1907	7633d	7633	Central	415.375	4022.625	1088	250	250	0
1908	7633e	7633	Central	415.125	4022.125	1090	250	250	0
1909	8633a	7633	Central	415.875	4022.875	1089	250	250	0
1910	8633b	7633	Central	415.875	4023.125	1088	250	250	0
1911	7650a	7650	South	409.625	4021.125	1081	250	250	0
1912	7650b	7650	South	409.875	4021.125	1080	250	250	0
1913	7650c	7650	South	409.625	4021.375	1082	250	250	0
1914	7650d	7650	South	409.875	4021.375	1082	250	250	0
1915	7650e	7650	South	409.625	4021.625	1084	250	250	0
1916	7650f	7650	South	409.875	4021.625	1083	250	250	0
1917	7650g	7650	South	409.625	4021.875	1086	250	250	0
1918	7650h	7650	South	409.875	4021.875	1084	250	250	0
1919	7651a	7651	South	410.125	4021.375	1081	250	250	0
1920	7651b	7651	South	410.375	4021.375	1080	250	250	0
1921	7651c	7651	South	410.625	4021.375	1080	250	250	0
1922	7651d	7651	South	410.125	4021.625	1082	250	250	0
1923	7651e	7651	South	410.375	4021.625	1080	250	250	0
1924	7651f	7651	South	410.625	4021.625	1080	250	250	0
1925	7651g	7651	South	410.125	4021.875	1083	250	250	0
1926	7651h	7651	South	410.375	4021.875	1081	250	250	0
1927	7651i	7651	South	410.625	4021.875	1081	250	250	0
1928	7651j	7651	South	410.125	4021.125	1080	250	250	0
1929	7651k	7651	South	410.375	4021.125	1079	250	250	0
1930	7651l	7651	South	410.875	4021.875	1082	250	250	0
1931	8651a	7651	South	410.875	4021.125	1081	250	250	0
1932	8651b	7651	South	410.875	4021.375	1081	250	250	0
1933	8651c	7651	South	410.875	4021.625	1082	250	250	0
1934	8651d	7651	South	410.625	4021.125	1080	250	250	0
1935	7652a	7652	South	411.375	4021.125	1084	250	250	0
1936	7652b	7652	South	411.625	4021.125	1084	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1937	7652c	7652	South	411.875	4021.125	1082	250	250	0
1938	7652d	7652	South	411.375	4021.375	1084	250	250	0
1939	7652e	7652	South	411.625	4021.375	1084	250	250	0
1940	7652f	7652	South	411.875	4021.375	1082	250	250	0
1941	7652g	7652	South	411.375	4021.625	1084	250	250	0
1942	7652h	7652	South	411.625	4021.625	1084	250	250	0
1943	7652i	7652	South	411.875	4021.625	1083	250	250	0
1944	7652j	7652	South	411.125	4021.125	1082	250	250	0
1945	7652k	7652	South	411.125	4021.375	1083	250	250	0
1946	7653a	7653	South	412.125	4021.125	1080	250	250	0
1947	7653b	7653	South	412.375	4021.125	1078	250	250	0
1948	7653c	7653	South	412.625	4021.125	1078	250	250	0
1949	7653d	7653	South	412.875	4021.125	1079	250	250	0
1950	7653e	7653	South	412.125	4021.375	1081	250	250	0
1951	7653f	7653	South	412.375	4021.375	1079	250	250	0
1952	7653g	7653	South	412.625	4021.375	1079	250	250	0
1953	7653h	7653	South	412.875	4021.375	1080	250	250	0
1954	7653i	7653	South	412.125	4021.625	1081	250	250	0
1955	7653j	7653	South	412.375	4021.625	1079	250	250	0
1956	7653k	7653	South	412.625	4021.625	1079	250	250	0
1957	7653l	7653	South	412.875	4021.625	1080	250	250	0
1958	7653m	7653	South	412.125	4021.875	1080	250	250	0
1959	7653n	7653	South	412.375	4021.875	1079	250	250	0
1960	7653o	7653	South	412.625	4021.875	1079	250	250	0
1961	7653p	7653	South	412.875	4021.875	1080	250	250	0
1962	7653q	7653	South	412.375	4020.875	1077	250	250	0
1963	7653r	7653	South	412.625	4020.875	1077	250	250	0
1964	7653s	7653	South	412.875	4020.875	1078	250	250	0
1965	7653t	7653	South	412.875	4020.625	1077	250	250	0
1966	7654a	7654	South	413.125	4021.125	1080	250	250	0
1967	7654aa	7654	South	413.625	4020.875	1081	250	250	0
1968	7654ab	7654	South	413.875	4020.875	1083	250	250	0
1969	7654ac	7654	South	413.625	4020.625	1080	250	250	0
1970	7654ad	7654	South	413.875	4020.625	1082	250	250	0
1971	7654ae	7654	South	413.125	4020.625	1078	250	250	0
1972	7654af	7654	South	414.125	4020.875	1084	250	250	0
1973	7654b	7654	South	413.375	4021.125	1081	250	250	0
1974	7654c	7654	South	413.625	4021.125	1083	250	250	0
1975	7654d	7654	South	413.875	4021.125	1084	250	250	0
1976	7654e	7654	South	413.125	4021.375	1081	250	250	0
1977	7654f	7654	South	413.375	4021.375	1083	250	250	0
1978	7654g	7654	South	413.625	4021.375	1084	250	250	0
1979	7654h	7654	South	413.875	4021.375	1085	250	250	0
1980	7654i	7654	South	413.125	4021.625	1082	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1981	7654j	7654	South	413.375	4021.625	1083	250	250	0
1982	7654k	7654	South	413.625	4021.625	1084	250	250	0
1983	7654l	7654	South	413.875	4021.625	1085	250	250	0
1984	7654m	7654	South	413.125	4021.875	1081	250	250	0
1985	7654n	7654	South	413.375	4021.875	1082	250	250	0
1986	7654o	7654	South	414.125	4021.375	1086	250	250	0
1987	7654p	7654	South	414.375	4021.375	1087	250	250	0
1988	7654q	7654	South	414.125	4021.625	1086	250	250	0
1989	7654r	7654	South	414.375	4021.625	1087	250	250	0
1990	7654s	7654	South	414.125	4021.875	1086	250	250	0
1991	7654t	7654	South	414.375	4021.875	1087	250	250	0
1992	7654u	7654	South	414.625	4021.625	1088	250	250	0
1993	7654v	7654	South	414.625	4021.875	1088	250	250	0
1994	7654w	7654	South	414.875	4021.875	1089	250	250	0
1995	7654x	7654	South	414.125	4021.125	1085	250	250	0
1996	7654y	7654	South	413.125	4020.875	1079	250	250	0
1997	7654z	7654	South	413.375	4020.875	1080	250	250	0
1998	7655a	7655	South	414.875	4021.625	1090	250	250	0
1999	8655a	7655	South	414.375	4021.125	1086	250	250	0
2000	7673a	7673	South	409.625	4020.125	1076	250	250	0
2001	7673b	7673	South	409.875	4020.125	1077	250	250	0
2002	7673c	7673	South	409.625	4020.375	1076	250	250	0
2003	7673d	7673	South	409.875	4020.375	1077	250	250	0
2004	7673e	7673	South	409.625	4020.625	1077	250	250	0
2005	7673f	7673	South	409.875	4020.625	1077	250	250	0
2006	7673g	7673	South	409.375	4020.125	1078	250	250	0
2007	7673h	7673	South	409.375	4020.375	1078	250	250	0
2008	7673i	7673	South	409.875	4020.875	1079	250	250	0
2009	7673j	7673	South	409.125	4020.125	1083	250	250	0
2010	7674a	7674	South	410.125	4020.625	1078	250	250	0
2011	7674b	7674	South	410.125	4020.875	1079	250	250	0
2012	7674c	7674	South	410.375	4020.875	1079	250	250	0
2013	8674a	7674	South	410.375	4020.125	1079	250	250	0
2014	8674b	7674	South	410.625	4020.125	1080	250	250	0
2015	8674c	7674	South	410.375	4020.375	1078	250	250	0
2016	8674d	7674	South	410.625	4020.375	1079	250	250	0
2017	8674e	7674	South	410.375	4020.625	1078	250	250	0
2018	8674f	7674	South	410.625	4020.625	1079	250	250	0
2019	8674g	7674	South	410.125	4020.125	1078	250	250	0
2020	8674h	7674	South	410.125	4020.375	1077	250	250	0
2021	8674i	7674	South	410.625	4020.875	1079	250	250	0
2022	7675a	7675	South	411.125	4020.125	1081	250	250	0
2023	7675b	7675	South	411.375	4020.125	1081	250	250	0
2024	7675c	7675	South	411.625	4020.125	1081	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
2025	7675d	7675	South	411.125	4020.375	1081	250	250	0
2026	7675e	7675	South	411.375	4020.375	1082	250	250	0
2027	7675f	7675	South	411.625	4020.375	1082	250	250	0
2028	7675g	7675	South	411.125	4020.625	1081	250	250	0
2029	7675h	7675	South	411.375	4020.625	1082	250	250	0
2030	7675i	7675	South	411.625	4020.625	1082	250	250	0
2031	7675j	7675	South	411.125	4020.875	1082	250	250	0
2032	7675k	7675	South	411.375	4020.875	1083	250	250	0
2033	7675l	7675	South	411.625	4020.875	1083	250	250	0
2034	7675m	7675	South	411.875	4020.625	1080	250	250	0
2035	7675n	7675	South	411.875	4020.875	1081	250	250	0
2036	7675o	7675	South	410.875	4020.125	1080	250	250	0
2037	7675p	7675	South	410.875	4020.375	1080	250	250	0
2038	7675q	7675	South	410.875	4020.625	1080	250	250	0
2039	7675r	7675	South	410.875	4020.875	1081	250	250	0
2040	7676a	7676	South	412.625	4020.375	1077	250	250	0
2041	7676b	7676	South	412.625	4020.625	1076	250	250	0
2042	7676c	7676	South	412.875	4020.125	1079	250	250	0
2043	7676d	7676	South	412.875	4020.375	1078	250	250	0
2044	7676e	7676	South	412.375	4020.625	1077	250	250	0
2045	7677a	7677	South	413.125	4020.375	1079	250	250	0
2046	7677b	7677	South	413.375	4020.375	1080	250	250	0
2047	7677c	7677	South	413.625	4020.375	1081	250	250	0
2048	7677d	7677	South	413.875	4020.375	1082	250	250	0
2049	7677e	7677	South	413.375	4020.625	1079	250	250	0
2050	7677f	7677	South	413.375	4020.125	1082	250	250	0
2051	7678a	7678	South	414.125	4020.625	1083	250	250	0
2052	7678b	7678	South	414.375	4020.625	1084	250	250	0
2053	7678c	7678	South	414.625	4020.625	1087	250	250	0
2054	7678d	7678	South	414.375	4020.875	1085	250	250	0
2055	7696a	7696	South	409.375	4019.375	1080	250	250	0
2056	7696b	7696	South	409.625	4019.375	1078	250	250	0
2057	7696c	7696	South	409.875	4019.375	1079	250	250	0
2058	7696d	7696	South	409.375	4019.625	1078	250	250	0
2059	7696e	7696	South	409.625	4019.625	1077	250	250	0
2060	7696f	7696	South	409.875	4019.625	1078	250	250	0
2061	7696g	7696	South	409.375	4019.875	1078	250	250	0
2062	7696h	7696	South	409.625	4019.875	1076	250	250	0
2063	7696i	7696	South	409.875	4019.875	1077	250	250	0
2064	7696j	7696	South	409.125	4019.625	1083	250	250	0
2065	7696k	7696	South	409.125	4019.875	1083	250	250	0
2066	7696l	7696	South	409.625	4019.125	1082	250	250	0
2067	7696m	7696	South	409.875	4019.125	1082	250	250	0
2068	7697a	7697	South	410.125	4019.375	1081	250	250	0

Source Area Geometry for July 2003 to June 2004									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
2069	7697b	7697	South	410.375	4019.375	1082	250	250	0
2070	7697c	7697	South	410.625	4019.375	1082	250	250	0
2071	7697d	7697	South	410.875	4019.375	1082	250	250	0
2072	7697e	7697	South	410.125	4019.625	1079	250	250	0
2073	7697f	7697	South	410.375	4019.625	1080	250	250	0
2074	7697g	7697	South	410.625	4019.625	1081	250	250	0
2075	7697h	7697	South	410.875	4019.625	1081	250	250	0
2076	7697i	7697	South	410.125	4019.875	1079	250	250	0
2077	7697j	7697	South	410.375	4019.875	1080	250	250	0
2078	7697k	7697	South	410.625	4019.875	1080	250	250	0
2079	7697l	7697	South	410.875	4019.875	1080	250	250	0
2080	7697m	7697	South	410.125	4019.125	1083	250	250	0
2081	7697n	7697	South	410.375	4019.125	1084	250	250	0
2082	7697o	7697	South	411.125	4019.625	1081	250	250	0
2083	7697p	7697	South	411.125	4019.875	1081	250	250	0
2084	7697q	7697	South	411.375	4019.875	1081	250	250	0

Appendix C: Source Area Configurations

Used for July 2004 through June 2005

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1	1733a	1733	North	415.375	4043.125	1101	250	250	0
2	1733b	1733	North	415.625	4043.125	1102	250	250	0
3	1733c	1733	North	415.375	4042.875	1100	250	250	0
4	1733d	1733	North	415.625	4042.875	1101	250	250	0
5	1733e	1733	North	415.625	4042.625	1100	250	250	0
6	1891a	1891	North	407.625	4042.375	1097	250	250	0
7	1891b	1891	North	407.875	4042.375	1097	250	250	0
8	1891c	1891	North	408.125	4042.375	1096	250	250	0
9	1891d	1891	North	408.375	4042.375	1096	250	250	0
10	1891e	1891	North	407.875	4042.125	1097	250	250	0
11	1891f	1891	North	408.125	4042.125	1096	250	250	0
12	1891g	1891	North	408.375	4042.125	1095	250	250	0
13	1891h	1891	North	407.875	4041.875	1097	250	250	0
14	1891i	1891	North	408.125	4041.875	1096	250	250	0
15	1891j	1891	North	408.375	4041.875	1095	250	250	0
16	1891k	1891	North	408.125	4041.625	1096	250	250	0
17	1891l	1891	North	408.375	4041.625	1095	250	250	0
18	1989a	1989	North	417.125	4041.375	1097	250	250	0
19	2443a	2443	North	417.125	4039.125	1083	250	250	0
20	2443b	2443	North	417.375	4039.125	1084	250	250	0
21	2443c	2443	North	417.625	4039.125	1085	250	250	0
22	2443d	2443	North	417.875	4039.125	1085	250	250	0
23	2443e	2443	North	417.125	4039.375	1085	250	250	0
24	2443f	2443	North	417.375	4039.375	1085	250	250	0
25	2443g	2443	North	417.625	4039.375	1086	250	250	0
26	2443h	2443	North	417.875	4039.375	1087	250	250	0
27	2443i	2443	North	417.125	4039.625	1086	250	250	0
28	2443j	2443	North	417.375	4039.625	1087	250	250	0
29	2443k	2443	North	417.625	4039.625	1087	250	250	0
30	2443l	2443	North	417.875	4039.625	1088	250	250	0
31	2443m	2443	North	417.125	4039.875	1088	250	250	0
32	2443n	2443	North	417.375	4039.875	1088	250	250	0
33	2443o	2443	North	417.625	4039.875	1089	250	250	0
34	2443p	2443	North	417.875	4039.875	1090	250	250	0
35	2459a	2459	North	418.125	4039.125	1086	250	250	0
36	2459b	2459	North	418.375	4039.125	1086	250	250	0
37	2459c	2459	North	418.625	4039.125	1087	250	250	0
38	2459d	2459	North	418.875	4039.125	1088	250	250	0
39	2459e	2459	North	418.125	4039.375	1087	250	250	0
40	2459f	2459	North	418.375	4039.375	1088	250	250	0
41	2459g	2459	North	418.625	4039.375	1089	250	250	0
42	2459h	2459	North	418.875	4039.375	1090	250	250	0
43	2459i	2459	North	418.125	4039.625	1089	250	250	0
44	2459j	2459	North	418.375	4039.625	1089	250	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
45	2459k	2459	North	418.625	4039.625	1091	250	250	0
46	2459l	2459	North	418.875	4039.625	1093	250	250	0
47	2459m	2459	North	418.125	4039.875	1090	250	250	0
48	2459n	2459	North	418.375	4039.875	1091	250	250	0
49	2459o	2459	North	418.625	4039.875	1093	250	250	0
50	2459p	2459	North	418.875	4039.875	1096	250	250	0
51	2459q	2459	North	419.125	4039.125	1090	250	250	0
52	2459r	2459	North	419.375	4039.125	1091	250	250	0
53	2459s	2459	North	419.125	4039.375	1092	250	250	0
54	2459t	2459	North	419.375	4039.375	1093	250	250	0
55	2459u	2459	North	419.125	4039.625	1095	250	250	0
56	2459v	2459	North	419.625	4039.125	1093	250	250	0
57	2689a	2689	North	418.125	4038.125	1081	250	250	0
58	2689b	2689	North	418.375	4038.125	1081	250	250	0
59	2689c	2689	North	418.625	4038.125	1082	250	250	0
60	2689d	2689	North	418.875	4038.125	1082	250	250	0
61	2689e	2689	North	418.125	4038.375	1082	250	250	0
62	2689f	2689	North	418.375	4038.375	1082	250	250	0
63	2689g	2689	North	418.625	4038.375	1083	250	250	0
64	2689h	2689	North	418.875	4038.375	1083	250	250	0
65	2689i	2689	North	418.125	4038.625	1083	250	250	0
66	2689j	2689	North	418.375	4038.625	1083	250	250	0
67	2689k	2689	North	418.625	4038.625	1084	250	250	0
68	2689l	2689	North	418.875	4038.625	1085	250	250	0
69	2689m	2689	North	418.125	4038.875	1084	250	250	0
70	2689n	2689	North	418.375	4038.875	1085	250	250	0
71	2689o	2689	North	418.625	4038.875	1086	250	250	0
72	2689p	2689	North	418.875	4038.875	1087	250	250	0
73	2709a	2709	North	419.125	4038.125	1083	250	250	0
74	2709aa	2709	North	420.875	4038.375	1093	250	250	0
75	2709ab	2709	North	420.125	4038.875	1094	250	250	0
76	2709ac	2709	North	420.375	4038.875	1096	250	250	0
77	2709ad	2709	North	421.125	4038.125	1093	250	250	0
78	2709ae	2709	North	421.375	4038.125	1095	250	250	0
79	2709b	2709	North	419.375	4038.125	1083	250	250	0
80	2709c	2709	North	419.625	4038.125	1084	250	250	0
81	2709d	2709	North	419.875	4038.125	1085	250	250	0
82	2709e	2709	North	419.125	4038.375	1084	250	250	0
83	2709f	2709	North	419.375	4038.375	1085	250	250	0
84	2709g	2709	North	419.625	4038.375	1085	250	250	0
85	2709h	2709	North	419.875	4038.375	1086	250	250	0
86	2709i	2709	North	419.125	4038.625	1086	250	250	0
87	2709j	2709	North	419.375	4038.625	1086	250	250	0
88	2709k	2709	North	419.625	4038.625	1087	250	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
89	2709l	2709	North	419.875	4038.625	1089	250	250	0
90	2709m	2709	North	419.125	4038.875	1088	250	250	0
91	2709n	2709	North	419.375	4038.875	1089	250	250	0
92	2709o	2709	North	419.625	4038.875	1090	250	250	0
93	2709p	2709	North	419.875	4038.875	1092	250	250	0
94	2709q	2709	North	420.125	4038.125	1086	250	250	0
95	2709r	2709	North	420.375	4038.125	1087	250	250	0
96	2709s	2709	North	420.625	4038.125	1088	250	250	0
97	2709t	2709	North	420.125	4038.375	1088	250	250	0
98	2709u	2709	North	420.375	4038.375	1089	250	250	0
99	2709v	2709	North	420.625	4038.375	1090	250	250	0
100	2709w	2709	North	420.125	4038.625	1090	250	250	0
101	2709x	2709	North	420.375	4038.625	1092	250	250	0
102	2709y	2709	North	420.625	4038.625	1094	250	250	0
103	2709z	2709	North	420.875	4038.125	1090	250	250	0
104	2821a	2821	Central	408.625	4037.875	1088	250	250	0
105	2821b	2821	Central	408.875	4037.875	1083	250	250	0
106	2821c	2821	Central	409.125	4037.875	1079	250	250	0
107	2821d	2821	Central	408.875	4038.125	1084	250	250	0
108	2821e	2821	Central	409.125	4038.125	1080	250	250	0
109	2829a	2829	Central	408.875	4037.375	1081	250	250	0
110	2829b	2829	Central	408.875	4037.625	1082	250	250	0
111	2931a	2931	North	419.125	4037.125	1079	250	250	0
112	2931b	2931	North	419.375	4037.125	1079	250	250	0
113	2931c	2931	North	419.625	4037.125	1080	250	250	0
114	2931d	2931	North	419.875	4037.125	1080	250	250	0
115	2931e	2931	North	419.125	4037.375	1080	250	250	0
116	2931f	2931	North	419.375	4037.375	1080	250	250	0
117	2931g	2931	North	419.625	4037.375	1080	250	250	0
118	2931h	2931	North	419.875	4037.375	1081	250	250	0
119	2931i	2931	North	419.125	4037.625	1080	250	250	0
120	2931j	2931	North	419.375	4037.625	1081	250	250	0
121	2931k	2931	North	419.625	4037.625	1081	250	250	0
122	2931l	2931	North	419.875	4037.625	1082	250	250	0
123	2931m	2931	North	419.125	4037.875	1082	250	250	0
124	2931n	2931	North	419.375	4037.875	1082	250	250	0
125	2931o	2931	North	419.625	4037.875	1083	250	250	0
126	2931p	2931	North	419.875	4037.875	1083	250	250	0
127	2943a	2943	North	421.904	4037.639	1093	220	160	-65
128	2943b	2943	North	421.997	4037.439	1090	220	160	-65
129	2943c	2943	North	422.09	4037.24	1089	220	160	-65
130	2943d	2943	North	422.183	4037.041	1088	220	160	-65
131	2943e	2943	North	422.276	4036.841	1086	220	160	-65
132	3043a	3043	Central	408.125	4036.875	1095	250	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
133	3043b	3043	Central	408.375	4036.875	1090	250	250	0
134	3043c	3043	Central	408.625	4036.875	1086	250	250	0
135	3043d	3043	Central	408.125	4037.125	1096	250	250	0
136	3043e	3043	Central	408.375	4037.125	1091	250	250	0
137	3043f	3043	Central	408.625	4037.125	1086	250	250	0
138	3051a	3051	Central	408.875	4036.875	1081	250	250	0
139	3051b	3051	Central	409.125	4036.875	1077	250	250	0
140	3051c	3051	Central	408.875	4037.125	1081	250	250	0
141	3051d	3051	Central	409.125	4037.125	1077	250	250	0
142	3273a	3273	Central	408.125	4035.125	1095	250	250	0
143	3273b	3273	Central	408.375	4035.125	1091	250	250	0
144	3273c	3273	Central	408.625	4035.125	1088	250	250	0
145	3273d	3273	Central	408.125	4035.375	1094	250	250	0
146	3273e	3273	Central	408.375	4035.375	1091	250	250	0
147	3273f	3273	Central	408.625	4035.375	1088	250	250	0
148	3273g	3273	Central	408.125	4035.625	1094	250	250	0
149	3273h	3273	Central	408.375	4035.625	1091	250	250	0
150	3273i	3273	Central	408.625	4035.625	1087	250	250	0
151	3273j	3273	Central	408.125	4035.875	1094	250	250	0
152	3273k	3273	Central	408.375	4035.875	1091	250	250	0
153	3273l	3273	Central	408.625	4035.875	1087	250	250	0
154	3273m	3273	Central	408.125	4036.125	1094	250	250	0
155	3273n	3273	Central	408.375	4036.125	1090	250	250	0
156	3273o	3273	Central	408.625	4036.125	1087	250	250	0
157	3401a	3401	North	421.125	4036.125	1081	250	250	0
158	3401aa	3401	North	421.125	4035.375	1081	250	250	0
159	3401ab	3401	North	421.375	4035.375	1082	250	250	0
160	3401ac	3401	North	421.625	4035.375	1082	250	250	0
161	3401ad	3401	North	421.875	4035.375	1083	250	250	0
162	3401ae	3401	North	421.125	4035.625	1081	250	250	0
163	3401af	3401	North	421.375	4035.625	1082	250	250	0
164	3401ag	3401	North	421.625	4035.625	1082	250	250	0
165	3401ah	3401	North	421.875	4035.625	1083	250	250	0
166	3401ai	3401	North	421.125	4035.875	1081	250	250	0
167	3401aj	3401	North	421.375	4035.875	1081	250	250	0
168	3401ak	3401	North	421.625	4035.875	1082	250	250	0
169	3401al	3401	North	421.875	4035.875	1082	250	250	0
170	3401am	3401	North	422.125	4035.125	1083	250	250	0
171	3401an	3401	North	422.375	4035.125	1083	250	250	0
172	3401ao	3401	North	422.125	4035.375	1083	250	250	0
173	3401ap	3401	North	422.375	4035.375	1084	250	250	0
174	3401aq	3401	North	422.125	4035.625	1083	250	250	0
175	3401ar	3401	North	422.375	4035.625	1084	250	250	0
176	3401as	3401	North	422.125	4035.875	1083	250	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
177	3401at	3401	North	422.375	4035.875	1084	250	250	0
178	3401b	3401	North	421.375	4036.125	1081	250	250	0
179	3401c	3401	North	421.625	4036.125	1082	250	250	0
180	3401d	3401	North	421.875	4036.125	1082	250	250	0
181	3401e	3401	North	421.125	4036.375	1080	250	250	0
182	3401f	3401	North	421.375	4036.375	1081	250	250	0
183	3401g	3401	North	421.625	4036.375	1081	250	250	0
184	3401h	3401	North	421.875	4036.375	1082	250	250	0
185	3401i	3401	North	421.125	4036.625	1081	250	250	0
186	3401j	3401	North	421.375	4036.625	1081	250	250	0
187	3401k	3401	North	421.625	4036.625	1082	250	250	0
188	3401l	3401	North	421.875	4036.625	1083	250	250	0
189	3401m	3401	North	421.125	4036.875	1082	250	250	0
190	3401n	3401	North	421.375	4036.875	1082	250	250	0
191	3401o	3401	North	421.625	4036.875	1083	250	250	0
192	3401p	3401	North	421.875	4036.875	1085	250	250	0
193	3401q	3401	North	422.125	4036.125	1083	250	250	0
194	3401r	3401	North	422.125	4036.375	1083	250	250	0
195	3401s	3401	North	422.125	4036.625	1084	250	250	0
196	3401t	3401	North	422.125	4036.875	1086	250	250	0
197	3401u	3401	North	422.375	4036.125	1084	250	250	0
198	3401v	3401	North	422.375	4036.375	1083	250	250	0
199	3401w	3401	North	421.125	4035.125	1081	250	250	0
200	3401x	3401	North	421.375	4035.125	1081	250	250	0
201	3401y	3401	North	421.625	4035.125	1081	250	250	0
202	3401z	3401	North	421.875	4035.125	1082	250	250	0
203	3603a	3603	Central	418.375	4034.875	1075	250	250	0
204	3603b	3603	Central	418.375	4035.125	1075	250	250	0
205	3611a	3611	Central	418.875	4034.875	1077	250	250	0
206	3611b	3611	Central	419.125	4034.875	1078	250	250	0
207	3611c	3611	Central	418.875	4035.125	1077	250	250	0
208	3611d	3611	Central	419.125	4035.125	1077	250	250	0
209	4071a	4071	Central	418.875	4033.125	1074	250	250	0
210	4071b	4071	Central	419.125	4033.125	1075	250	250	0
211	4103a	4103	Central	422.125	4032.875	1081	250	250	0
212	4103b	4103	Central	422.375	4032.875	1081	250	250	0
213	4103c	4103	Central	422.625	4032.875	1081	250	250	0
214	4103d	4103	Central	422.125	4033.125	1081	250	250	0
215	4103e	4103	Central	422.375	4033.125	1082	250	250	0
216	4103f	4103	Central	422.625	4033.125	1082	250	250	0
217	4109a	4109	Central	421.875	4032.375	1081	250	250	0
218	4109b	4109	Central	422.125	4032.375	1081	250	250	0
219	4109c	4109	Central	421.875	4032.625	1081	250	250	0
220	4109d	4109	Central	422.125	4032.625	1081	250	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
221	4321a	4321	Central	421.875	4031.875	1082	250	250	0
222	4321b	4321	Central	422.125	4031.875	1082	250	250	0
223	4321c	4321	Central	421.875	4032.125	1082	250	250	0
224	4321d	4321	Central	422.125	4032.125	1082	250	250	0
225	4323a	4323	Central	422.375	4031.875	1082	250	250	0
226	4323b	4323	Central	422.625	4031.875	1082	250	250	0
227	4323c	4323	Central	422.375	4032.125	1081	250	250	0
228	4323d	4323	Central	422.625	4032.125	1082	250	250	0
229	5449a	5449	Central	417.875	4026.125	1077	250	250	0
230	5449b	5449	Central	418.125	4026.125	1077	250	250	0
231	5449c	5449	Central	417.875	4026.375	1076	250	250	0
232	5449d	5449	Central	418.125	4026.375	1076	250	250	0
233	5449e	5449	Central	417.875	4026.625	1076	250	250	0
234	5449f	5449	Central	418.125	4026.625	1076	250	250	0
235	5449g	5449	Central	417.875	4026.875	1076	250	250	0
236	5449h	5449	Central	418.125	4026.875	1076	250	250	0
237	5681a	5681	Central	419.125	4026.0625	1081	250	125	0
238	8681a	5681	Central	418.875	4026.125	1079	250	250	0
239	8681b	5681	Central	419.125	4026.1875	1080	250	125	0
240	8681c	5681	Central	418.8125	4025.9375	1080	125	125	0
241	5829a	5829	South	410.125	4024.625	1085	250	250	0
242	5829b	5829	South	410.125	4024.875	1085	250	250	0
243	6539a	6539	South	410.875	4020.125	1080	250	250	0
244	6539aa	6539	South	411.375	4021.375	1084	250	250	0
245	6539ab	6539	South	411.625	4021.375	1084	250	250	0
246	6539ac	6539	South	411.875	4021.375	1082	250	250	0
247	6539ad	6539	South	412.125	4021.375	1081	250	250	0
248	6539ae	6539	South	412.375	4021.375	1079	250	250	0
249	6539af	6539	South	412.625	4021.375	1079	250	250	0
250	6539ag	6539	South	412.875	4021.375	1080	250	250	0
251	6539ah	6539	South	411.125	4021.625	1083	250	250	0
252	6539ai	6539	South	411.375	4021.625	1084	250	250	0
253	6539aj	6539	South	411.625	4021.625	1084	250	250	0
254	6539ak	6539	South	411.875	4021.625	1083	250	250	0
255	6539al	6539	South	412.125	4021.625	1081	250	250	0
256	6539am	6539	South	412.375	4021.625	1079	250	250	0
257	6539an	6539	South	412.625	4021.625	1079	250	250	0
258	6539ao	6539	South	412.875	4021.625	1080	250	250	0
259	6539ap	6539	South	412.125	4021.875	1080	250	250	0
260	6539aq	6539	South	412.375	4021.875	1079	250	250	0
261	6539ar	6539	South	412.625	4021.875	1079	250	250	0
262	6539as	6539	South	412.875	4021.875	1080	250	250	0
263	6539at	6539	South	412.625	4020.6875	1077	250	125	0
264	6539b	6539	South	411.125	4020.125	1081	250	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
265	6539c	6539	South	411.375	4020.125	1081	250	250	0
266	6539d	6539	South	411.625	4020.125	1081	250	250	0
267	6539e	6539	South	411.375	4020.375	1082	250	250	0
268	6539f	6539	South	411.625	4020.375	1082	250	250	0
269	6539g	6539	South	411.375	4020.625	1082	250	250	0
270	6539h	6539	South	411.625	4020.625	1082	250	250	0
271	6539i	6539	South	411.875	4020.625	1080	250	250	0
272	6539j	6539	South	410.875	4020.875	1081	250	250	0
273	6539k	6539	South	411.125	4020.875	1082	250	250	0
274	6539l	6539	South	411.375	4020.875	1083	250	250	0
275	6539m	6539	South	411.625	4020.875	1083	250	250	0
276	6539n	6539	South	411.875	4020.875	1081	250	250	0
277	6539o	6539	South	412.375	4020.875	1077	250	250	0
278	6539p	6539	South	412.625	4020.875	1077	250	250	0
279	6539q	6539	South	412.875	4020.875	1078	250	250	0
280	6539r	6539	South	411.125	4021.125	1082	250	250	0
281	6539s	6539	South	411.375	4021.125	1084	250	250	0
282	6539t	6539	South	411.625	4021.125	1084	250	250	0
283	6539u	6539	South	411.875	4021.125	1082	250	250	0
284	6539v	6539	South	412.125	4021.125	1080	250	250	0
285	6539w	6539	South	412.375	4021.125	1078	250	250	0
286	6539x	6539	South	412.625	4021.125	1078	250	250	0
287	6539y	6539	South	412.875	4021.125	1079	250	250	0
288	6539z	6539	South	411.125	4021.375	1083	250	250	0
289	6759a	6759	South	410.875	4020.375	1080	250	250	0
290	6759b	6759	South	411.125	4020.375	1081	250	250	0
291	6759c	6759	South	410.875	4020.625	1080	250	250	0
292	6759d	6759	South	411.125	4020.625	1081	250	250	0
293	6779a	6779	South	412.875	4020.625	1077	250	250	0
294	6779b	6779	South	413.125	4020.625	1078	250	250	0
295	7144a	7144	North	409.125	4043.125	1097	250	250	0
296	7144b	7144	North	409.375	4043.125	1097	250	250	0
297	7144c	7144	North	409.625	4043.125	1097	250	250	0
298	7144d	7144	North	409.875	4043.125	1096	250	250	0
299	7144e	7144	North	409.375	4043.375	1099	250	250	0
300	7144f	7144	North	409.625	4043.375	1099	250	250	0
301	7144g	7144	North	409.875	4043.375	1097	250	250	0
302	7144h	7144	North	409.875	4043.625	1099	250	250	0
303	7145a	7145	North	410.125	4043.125	1095	250	250	0
304	7145b	7145	North	410.375	4043.125	1094	250	250	0
305	7145c	7145	North	410.625	4043.125	1094	250	250	0
306	7145d	7145	North	410.875	4043.125	1094	250	250	0
307	7145e	7145	North	410.125	4043.375	1096	250	250	0
308	7145f	7145	North	410.375	4043.375	1095	250	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
309	7145g	7145	North	410.625	4043.375	1094	250	250	0
310	7145h	7145	North	410.875	4043.375	1095	250	250	0
311	7145i	7145	North	410.125	4043.625	1098	250	250	0
312	7145j	7145	North	410.375	4043.625	1097	250	250	0
313	7145k	7145	North	410.625	4043.625	1096	250	250	0
314	7145l	7145	North	410.875	4043.625	1096	250	250	0
315	7145m	7145	North	410.125	4043.875	1100	250	250	0
316	7145n	7145	North	410.375	4043.875	1099	250	250	0
317	7145o	7145	North	410.625	4043.875	1098	250	250	0
318	7145p	7145	North	410.875	4043.875	1097	250	250	0
319	7167a	7167	North	409.125	4042.125	1092	250	250	0
320	7167b	7167	North	409.375	4042.125	1090	250	250	0
321	7167c	7167	North	409.625	4042.125	1089	250	250	0
322	7167d	7167	North	409.875	4042.125	1089	250	250	0
323	7167e	7167	North	409.125	4042.375	1093	250	250	0
324	7167f	7167	North	409.375	4042.375	1091	250	250	0
325	7167g	7167	North	409.625	4042.375	1091	250	250	0
326	7167h	7167	North	409.875	4042.375	1091	250	250	0
327	7167i	7167	North	409.125	4042.625	1094	250	250	0
328	7167j	7167	North	409.375	4042.625	1093	250	250	0
329	7167k	7167	North	409.625	4042.625	1093	250	250	0
330	7167l	7167	North	409.875	4042.625	1092	250	250	0
331	7167m	7167	North	409.125	4042.875	1096	250	250	0
332	7167n	7167	North	409.375	4042.875	1095	250	250	0
333	7167o	7167	North	409.625	4042.875	1095	250	250	0
334	7167p	7167	North	409.875	4042.875	1094	250	250	0
335	7168a	7168	North	410.125	4042.125	1089	250	250	0
336	7168b	7168	North	410.375	4042.125	1089	250	250	0
337	7168c	7168	North	410.625	4042.125	1089	250	250	0
338	7168d	7168	North	410.125	4042.375	1091	250	250	0
339	7168e	7168	North	410.375	4042.375	1091	250	250	0
340	7168f	7168	North	410.625	4042.375	1091	250	250	0
341	7168g	7168	North	410.125	4042.625	1092	250	250	0
342	7168h	7168	North	410.375	4042.625	1092	250	250	0
343	7168i	7168	North	410.125	4042.875	1093	250	250	0
344	7168j	7168	North	410.375	4042.875	1093	250	250	0
345	7172a	7172	North	414.125	4042.125	1095	250	250	0
346	7172b	7172	North	414.375	4042.125	1095	250	250	0
347	7172c	7172	North	414.625	4042.125	1096	250	250	0
348	7172d	7172	North	414.875	4042.125	1096	250	250	0
349	7172e	7172	North	414.125	4042.375	1096	250	250	0
350	7172f	7172	North	414.375	4042.375	1096	250	250	0
351	7172g	7172	North	414.625	4042.375	1097	250	250	0
352	7172h	7172	North	414.875	4042.375	1097	250	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
353	7172i	7172	North	414.125	4042.625	1097	250	250	0
354	7172j	7172	North	414.375	4042.625	1097	250	250	0
355	7172k	7172	North	414.625	4042.625	1098	250	250	0
356	7172l	7172	North	414.875	4042.625	1098	250	250	0
357	7172m	7172	North	414.125	4042.875	1098	250	250	0
358	7172n	7172	North	414.375	4042.875	1098	250	250	0
359	7172o	7172	North	414.625	4042.875	1099	250	250	0
360	7172p	7172	North	414.875	4042.875	1099	250	250	0
361	7172q	7172	North	415.125	4042.125	1097	250	250	0
362	7172r	7172	North	415.125	4042.375	1098	250	250	0
363	7172s	7172	North	415.125	4042.625	1099	250	250	0
364	7172t	7172	North	415.125	4042.875	1100	250	250	0
365	7173a	7173	North	415.375	4042.375	1099	250	250	0
366	7173b	7173	North	415.625	4042.375	1099	250	250	0
367	7173c	7173	North	415.375	4042.625	1100	250	250	0
368	7174a	7174	North	416.625	4042.375	1102	250	250	0
369	7174b	7174	North	416.875	4042.375	1103	250	250	0
370	7174c	7174	North	416.625	4042.625	1104	250	250	0
371	7174d	7174	North	416.875	4042.625	1105	250	250	0
372	7174e	7174	North	416.625	4042.875	1105	250	250	0
373	7174f	7174	North	416.875	4042.875	1108	250	250	0
374	7174g	7174	North	416.125	4042.375	1101	250	250	0
375	7174h	7174	North	416.375	4042.375	1101	250	250	0
376	7175a	7175	North	417.125	4042.375	1104	250	250	0
377	7175b	7175	North	417.375	4042.375	1106	250	250	0
378	7175c	7175	North	417.125	4042.625	1107	250	250	0
379	7175d	7175	North	417.375	4042.625	1109	250	250	0
380	7175e	7175	North	417.125	4042.875	1111	250	250	0
381	7175f	7175	North	417.375	4042.875	1114	250	250	0
382	7175g	7175	North	417.625	4042.375	1107	250	250	0
383	7175h	7175	North	417.625	4042.625	1111	250	250	0
384	7190a	7190	North	409.125	4041.125	1087	250	250	0
385	7190b	7190	North	409.375	4041.125	1084	250	250	0
386	7190c	7190	North	409.625	4041.125	1083	250	250	0
387	7190d	7190	North	409.875	4041.125	1083	250	250	0
388	7190e	7190	North	409.125	4041.375	1088	250	250	0
389	7190f	7190	North	409.375	4041.375	1086	250	250	0
390	7190g	7190	North	409.625	4041.375	1085	250	250	0
391	7190h	7190	North	409.875	4041.375	1084	250	250	0
392	7190i	7190	North	409.125	4041.625	1089	250	250	0
393	7190j	7190	North	409.375	4041.625	1087	250	250	0
394	7190k	7190	North	409.625	4041.625	1086	250	250	0
395	7190l	7190	North	409.875	4041.625	1086	250	250	0
396	7190m	7190	North	409.125	4041.875	1090	250	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
397	7190n	7190	North	409.375	4041.875	1089	250	250	0
398	7190o	7190	North	409.625	4041.875	1088	250	250	0
399	7190p	7190	North	409.875	4041.875	1088	250	250	0
400	7191a	7191	North	410.125	4041.375	1084	250	250	0
401	7191b	7191	North	410.375	4041.375	1084	250	250	0
402	7191c	7191	North	410.625	4041.375	1084	250	250	0
403	7191d	7191	North	410.125	4041.625	1086	250	250	0
404	7191e	7191	North	410.375	4041.625	1086	250	250	0
405	7191f	7191	North	410.625	4041.625	1086	250	250	0
406	7191g	7191	North	410.125	4041.875	1088	250	250	0
407	7191h	7191	North	410.375	4041.875	1087	250	250	0
408	7191i	7191	North	410.625	4041.875	1088	250	250	0
409	7191j	7191	North	410.875	4041.625	1087	250	250	0
410	7191k	7191	North	410.875	4041.875	1089	250	250	0
411	7191l	7191	North	410.125	4041.125	1082	250	250	0
412	7192a	7192	North	410.375	4041.125	1082	250	250	0
413	7192b	7192	North	410.625	4041.125	1082	250	250	0
414	7192c	7192	North	410.875	4041.125	1083	250	250	0
415	7192d	7192	North	411.125	4041.125	1084	250	250	0
416	7192e	7192	North	411.375	4041.125	1085	250	250	0
417	7192f	7192	North	411.625	4041.125	1086	250	250	0
418	7192g	7192	North	411.875	4041.125	1087	250	250	0
419	7192h	7192	North	412.125	4041.125	1088	250	250	0
420	7192i	7192	North	412.375	4041.125	1088	250	250	0
421	7192j	7192	North	412.625	4041.125	1089	250	250	0
422	7192k	7192	North	412.875	4041.125	1089	250	250	0
423	7192l	7192	North	413.125	4041.125	1089	250	250	0
424	7192m	7192	North	410.875	4041.375	1085	250	250	0
425	7192n	7192	North	411.125	4041.375	1087	250	250	0
426	7192o	7192	North	411.375	4041.375	1088	250	250	0
427	7192p	7192	North	411.625	4041.375	1088	250	250	0
428	7192q	7192	North	411.875	4041.375	1089	250	250	0
429	7192r	7192	North	412.125	4041.375	1089	250	250	0
430	7192s	7192	North	412.375	4041.375	1090	250	250	0
431	7192t	7192	North	412.625	4041.375	1090	250	250	0
432	7192u	7192	North	411.125	4041.625	1088	250	250	0
433	7192v	7192	North	411.375	4041.625	1089	250	250	0
434	7192w	7192	North	411.625	4041.625	1090	250	250	0
435	7192x	7192	North	411.875	4041.625	1090	250	250	0
436	7192y	7192	North	411.375	4041.875	1090	250	250	0
437	7193a	7193	North	412.875	4041.375	1091	250	250	0
438	7193b	7193	North	413.125	4041.375	1091	250	250	0
439	7193c	7193	North	413.375	4041.375	1091	250	250	0
440	7193d	7193	North	413.375	4041.125	1089	250	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
441	7193e	7193	North	413.625	4040.875	1087	250	250	0
442	7193f	7193	North	413.875	4040.625	1086	250	250	0
443	7193g	7193	North	414.375	4040.125	1082	250	250	0
444	7193h	7193	North	414.375	4039.875	1081	250	250	0
445	7195a	7195	North	414.125	4041.125	1090	250	250	0
446	7195b	7195	North	414.375	4041.125	1090	250	250	0
447	7195c	7195	North	414.625	4041.125	1090	250	250	0
448	7195d	7195	North	414.125	4041.375	1092	250	250	0
449	7195e	7195	North	414.375	4041.375	1092	250	250	0
450	7195f	7195	North	414.625	4041.375	1092	250	250	0
451	7195g	7195	North	414.125	4041.625	1093	250	250	0
452	7195h	7195	North	414.375	4041.625	1093	250	250	0
453	7195i	7195	North	414.625	4041.625	1094	250	250	0
454	7195j	7195	North	414.125	4041.875	1094	250	250	0
455	7195k	7195	North	414.375	4041.875	1094	250	250	0
456	7195l	7195	North	414.625	4041.875	1095	250	250	0
457	7195m	7195	North	414.875	4041.625	1094	250	250	0
458	7195n	7195	North	414.875	4041.875	1095	250	250	0
459	7195o	7195	North	415.125	4041.625	1095	250	250	0
460	7195p	7195	North	415.125	4041.875	1096	250	250	0
461	7196a	7196	North	415.125	4041.125	1092	250	250	0
462	7196aa	7196	North	416.125	4041.875	1098	250	250	0
463	7196ab	7196	North	416.375	4041.875	1099	250	250	0
464	7196ac	7196	North	416.625	4041.875	1099	250	250	0
465	7196ad	7196	North	416.875	4041.875	1100	250	250	0
466	7196ae	7196	North	415.375	4042.125	1097	250	250	0
467	7196af	7196	North	415.625	4042.125	1098	250	250	0
468	7196ag	7196	North	415.875	4042.125	1099	250	250	0
469	7196ah	7196	North	416.125	4042.125	1099	250	250	0
470	7196ai	7196	North	416.375	4042.125	1100	250	250	0
471	7196aj	7196	North	416.625	4042.125	1101	250	250	0
472	7196ak	7196	North	416.875	4042.125	1102	250	250	0
473	7196b	7196	North	415.375	4041.125	1092	250	250	0
474	7196c	7196	North	415.625	4041.125	1093	250	250	0
475	7196d	7196	North	415.875	4041.125	1093	250	250	0
476	7196e	7196	North	416.125	4041.125	1094	250	250	0
477	7196f	7196	North	416.375	4041.125	1094	250	250	0
478	7196g	7196	North	416.625	4041.125	1095	250	250	0
479	7196h	7196	North	416.875	4041.125	1095	250	250	0
480	7196i	7196	North	415.125	4041.375	1093	250	250	0
481	7196j	7196	North	415.375	4041.375	1094	250	250	0
482	7196k	7196	North	415.625	4041.375	1094	250	250	0
483	7196l	7196	North	415.875	4041.375	1095	250	250	0
484	7196m	7196	North	416.125	4041.375	1095	250	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
485	7196n	7196	North	416.375	4041.375	1096	250	250	0
486	7196o	7196	North	416.625	4041.375	1096	250	250	0
487	7196p	7196	North	416.875	4041.375	1097	250	250	0
488	7196q	7196	North	415.375	4041.625	1095	250	250	0
489	7196r	7196	North	415.625	4041.625	1096	250	250	0
490	7196s	7196	North	415.875	4041.625	1096	250	250	0
491	7196t	7196	North	416.125	4041.625	1097	250	250	0
492	7196u	7196	North	416.375	4041.625	1098	250	250	0
493	7196v	7196	North	416.625	4041.625	1098	250	250	0
494	7196w	7196	North	416.875	4041.625	1098	250	250	0
495	7196x	7196	North	415.375	4041.875	1096	250	250	0
496	7196y	7196	North	415.625	4041.875	1097	250	250	0
497	7196z	7196	North	415.875	4041.875	1098	250	250	0
498	7198a	7198	North	417.125	4041.125	1096	250	250	0
499	7198b	7198	North	417.375	4041.125	1096	250	250	0
500	7198c	7198	North	417.625	4041.125	1097	250	250	0
501	7198d	7198	North	417.875	4041.125	1098	250	250	0
502	7198e	7198	North	417.375	4041.375	1098	250	250	0
503	7198f	7198	North	417.625	4041.375	1098	250	250	0
504	7198g	7198	North	417.875	4041.375	1099	250	250	0
505	7198h	7198	North	417.125	4041.625	1099	250	250	0
506	7198i	7198	North	417.375	4041.625	1099	250	250	0
507	7198j	7198	North	417.625	4041.625	1100	250	250	0
508	7198k	7198	North	417.875	4041.625	1101	250	250	0
509	7198l	7198	North	417.125	4041.875	1101	250	250	0
510	7198m	7198	North	417.375	4041.875	1101	250	250	0
511	7198n	7198	North	417.625	4041.875	1102	250	250	0
512	7198o	7198	North	417.875	4041.875	1104	250	250	0
513	7198p	7198	North	417.125	4042.125	1103	250	250	0
514	7198q	7198	North	417.375	4042.125	1104	250	250	0
515	7198r	7198	North	417.625	4042.125	1105	250	250	0
516	7198s	7198	North	418.125	4041.125	1099	250	250	0
517	7199a	7199	North	418.125	4041.375	1101	250	250	0
518	7199b	7199	North	418.375	4041.375	1102	250	250	0
519	7199c	7199	North	418.625	4041.375	1107	250	250	0
520	7199d	7199	North	418.125	4041.625	1103	250	250	0
521	7199e	7199	North	418.375	4041.625	1104	250	250	0
522	7199f	7199	North	418.625	4041.625	1110	250	250	0
523	7199g	7199	North	418.125	4041.875	1105	250	250	0
524	7199h	7199	North	418.375	4041.875	1107	250	250	0
525	7199i	7199	North	418.625	4041.875	1113	250	250	0
526	7199j	7199	North	418.375	4041.125	1100	250	250	0
527	7199k	7199	North	418.625	4041.125	1105	250	250	0
528	7199l	7199	North	417.875	4042.125	1106	250	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
529	7199m	7199	North	418.125	4042.125	1108	250	250	0
530	7199n	7199	North	418.375	4042.125	1109	250	250	0
531	7199o	7199	North	418.125	4042.375	1110	250	250	0
532	7199p	7199	North	418.375	4042.375	1112	250	250	0
533	7199q	7199	North	418.625	4042.125	1115	250	250	0
534	7214a	7214	North	410.125	4040.125	1075	250	250	0
535	7214b	7214	North	410.375	4040.125	1075	250	250	0
536	7214c	7214	North	410.125	4040.375	1076	250	250	0
537	7214d	7214	North	410.375	4040.375	1076	250	250	0
538	7214e	7214	North	410.125	4040.625	1078	250	250	0
539	7214f	7214	North	410.375	4040.625	1077	250	250	0
540	7214g	7214	North	410.625	4040.125	1075	250	250	0
541	7214h	7214	North	410.625	4040.375	1076	250	250	0
542	7214i	7214	North	410.125	4040.875	1080	250	250	0
543	7214j	7214	North	410.875	4040.125	1076	250	250	0
544	7215a	7215	North	411.125	4040.625	1080	250	250	0
545	7215b	7215	North	411.375	4040.625	1081	250	250	0
546	7215c	7215	North	411.625	4040.625	1082	250	250	0
547	7215d	7215	North	411.875	4040.625	1083	250	250	0
548	7215e	7215	North	411.125	4040.875	1082	250	250	0
549	7215f	7215	North	411.375	4040.875	1083	250	250	0
550	7215g	7215	North	411.625	4040.875	1084	250	250	0
551	7215h	7215	North	411.875	4040.875	1085	250	250	0
552	7215i	7215	North	411.875	4040.375	1081	250	250	0
553	7215j	7215	North	410.625	4040.875	1080	250	250	0
554	7215k	7215	North	410.875	4040.875	1081	250	250	0
555	7216a	7216	North	412.125	4040.375	1082	250	250	0
556	7216b	7216	North	412.375	4040.375	1084	250	250	0
557	7216c	7216	North	412.625	4040.375	1084	250	250	0
558	7216d	7216	North	412.875	4040.375	1084	250	250	0
559	7216e	7216	North	412.125	4040.625	1084	250	250	0
560	7216f	7216	North	412.375	4040.625	1085	250	250	0
561	7216g	7216	North	412.625	4040.625	1086	250	250	0
562	7216h	7216	North	412.875	4040.625	1086	250	250	0
563	7216i	7216	North	412.125	4040.875	1086	250	250	0
564	7216j	7216	North	412.375	4040.875	1087	250	250	0
565	7216k	7216	North	412.625	4040.875	1087	250	250	0
566	7216l	7216	North	412.875	4040.875	1087	250	250	0
567	7216m	7216	North	412.375	4040.125	1082	250	250	0
568	7216n	7216	North	412.625	4040.125	1082	250	250	0
569	7216o	7216	North	412.875	4040.125	1082	250	250	0
570	7217a	7217	North	413.125	4039.875	1081	250	250	0
571	7217b	7217	North	413.125	4040.125	1082	250	250	0
572	7217c	7217	North	413.125	4040.375	1084	250	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
573	7217d	7217	North	413.125	4040.625	1086	250	250	0
574	7217e	7217	North	413.125	4040.875	1087	250	250	0
575	7217f	7217	North	413.375	4039.875	1081	250	250	0
576	7217g	7217	North	413.375	4040.125	1082	250	250	0
577	7217h	7217	North	413.375	4040.375	1084	250	250	0
578	7217i	7217	North	413.375	4040.625	1085	250	250	0
579	7217j	7217	North	413.375	4040.875	1087	250	250	0
580	7217k	7217	North	413.625	4039.625	1079	250	250	0
581	7217l	7217	North	413.625	4039.875	1081	250	250	0
582	7217m	7217	North	413.625	4040.125	1082	250	250	0
583	7217n	7217	North	413.625	4040.375	1084	250	250	0
584	7217o	7217	North	413.625	4040.625	1085	250	250	0
585	7217p	7217	North	413.875	4039.625	1079	250	250	0
586	7217q	7217	North	413.875	4039.875	1081	250	250	0
587	7217r	7217	North	413.875	4040.125	1082	250	250	0
588	7217s	7217	North	413.875	4040.375	1084	250	250	0
589	7217t	7217	North	414.125	4039.375	1078	250	250	0
590	7217u	7217	North	414.125	4039.625	1079	250	250	0
591	7217v	7217	North	414.125	4039.875	1081	250	250	0
592	7217w	7217	North	414.125	4040.125	1082	250	250	0
593	7217x	7217	North	414.375	4039.375	1078	250	250	0
594	7217y	7217	North	414.375	4039.625	1079	250	250	0
595	7218a	7218	North	414.625	4040.125	1083	250	250	0
596	7218b	7218	North	414.875	4040.125	1084	250	250	0
597	7218c	7218	North	414.125	4040.375	1084	250	250	0
598	7218d	7218	North	414.375	4040.375	1084	250	250	0
599	7218e	7218	North	414.625	4040.375	1085	250	250	0
600	7218f	7218	North	414.125	4040.625	1086	250	250	0
601	7218g	7218	North	414.375	4040.625	1086	250	250	0
602	7218h	7218	North	414.625	4040.625	1087	250	250	0
603	7218i	7218	North	414.125	4040.875	1088	250	250	0
604	7218j	7218	North	414.375	4040.875	1088	250	250	0
605	7218k	7218	North	414.625	4040.875	1089	250	250	0
606	7219a	7219	North	415.125	4040.375	1087	250	250	0
607	7219b	7219	North	415.375	4040.375	1087	250	250	0
608	7219c	7219	North	415.625	4040.375	1088	250	250	0
609	7219d	7219	North	415.875	4040.375	1088	250	250	0
610	7219e	7219	North	415.125	4040.625	1088	250	250	0
611	7219f	7219	North	415.375	4040.625	1089	250	250	0
612	7219g	7219	North	415.625	4040.625	1090	250	250	0
613	7219h	7219	North	415.875	4040.625	1090	250	250	0
614	7219i	7219	North	415.125	4040.875	1090	250	250	0
615	7219j	7219	North	415.375	4040.875	1091	250	250	0
616	7219k	7219	North	415.625	4040.875	1091	250	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
617	7219l	7219	North	415.875	4040.875	1092	250	250	0
618	7219m	7219	North	415.375	4040.125	1085	250	250	0
619	7219n	7219	North	415.625	4040.125	1086	250	250	0
620	7219o	7219	North	415.875	4040.125	1086	250	250	0
621	7220a	7220	North	416.125	4040.125	1087	250	250	0
622	7220b	7220	North	416.375	4040.125	1087	250	250	0
623	7220c	7220	North	416.625	4040.125	1088	250	250	0
624	7220d	7220	North	416.875	4040.125	1089	250	250	0
625	7220e	7220	North	416.125	4040.375	1089	250	250	0
626	7220f	7220	North	416.375	4040.375	1089	250	250	0
627	7220g	7220	North	416.625	4040.375	1090	250	250	0
628	7220h	7220	North	416.875	4040.375	1090	250	250	0
629	7220i	7220	North	416.125	4040.625	1091	250	250	0
630	7220j	7220	North	416.375	4040.625	1091	250	250	0
631	7220k	7220	North	416.625	4040.625	1091	250	250	0
632	7220l	7220	North	416.875	4040.625	1092	250	250	0
633	7220m	7220	North	416.125	4040.875	1092	250	250	0
634	7220n	7220	North	416.375	4040.875	1093	250	250	0
635	7220o	7220	North	416.625	4040.875	1093	250	250	0
636	7220p	7220	North	416.875	4040.875	1094	250	250	0
637	7221a	7221	North	417.125	4040.125	1089	250	250	0
638	7221b	7221	North	417.375	4040.125	1090	250	250	0
639	7221c	7221	North	417.625	4040.125	1091	250	250	0
640	7221d	7221	North	417.875	4040.125	1091	250	250	0
641	7221e	7221	North	417.125	4040.375	1091	250	250	0
642	7221f	7221	North	417.375	4040.375	1092	250	250	0
643	7221g	7221	North	417.625	4040.375	1092	250	250	0
644	7221h	7221	North	417.875	4040.375	1093	250	250	0
645	7221i	7221	North	417.125	4040.625	1093	250	250	0
646	7221j	7221	North	417.375	4040.625	1093	250	250	0
647	7221k	7221	North	417.625	4040.625	1094	250	250	0
648	7221l	7221	North	417.875	4040.625	1095	250	250	0
649	7221m	7221	North	417.125	4040.875	1094	250	250	0
650	7221n	7221	North	417.375	4040.875	1095	250	250	0
651	7221o	7221	North	417.625	4040.875	1095	250	250	0
652	7221p	7221	North	417.875	4040.875	1096	250	250	0
653	7221q	7221	North	418.125	4040.125	1092	250	250	0
654	7221r	7221	North	418.375	4040.125	1093	250	250	0
655	7221s	7221	North	418.125	4040.375	1094	250	250	0
656	7221t	7221	North	418.375	4040.375	1094	250	250	0
657	7221u	7221	North	418.125	4040.625	1095	250	250	0
658	7221v	7221	North	418.375	4040.625	1096	250	250	0
659	7221w	7221	North	418.125	4040.875	1097	250	250	0
660	7221x	7221	North	418.625	4040.125	1095	250	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
661	7222a	7222	North	418.625	4040.375	1097	250	250	0
662	7222b	7222	North	418.625	4040.625	1100	250	250	0
663	7222c	7222	North	418.625	4040.875	1102	250	250	0
664	7222d	7222	North	418.375	4040.875	1098	250	250	0
665	7223a	7223	K Dunes	419.125	4040.375	1108	250	250	0
666	7223b	7223	K Dunes	419.375	4040.375	1113	250	250	0
667	7223c	7223	K Dunes	419.625	4040.375	1119	250	250	0
668	7223d	7223	K Dunes	419.875	4040.375	1126	250	250	0
669	7223e	7223	K Dunes	419.125	4040.625	1112	250	250	0
670	7223f	7223	K Dunes	419.375	4040.625	1119	250	250	0
671	7223g	7223	K Dunes	419.625	4040.625	1126	250	250	0
672	7223h	7223	K Dunes	419.875	4040.625	1134	250	250	0
673	7223i	7223	K Dunes	419.125	4040.875	1117	250	250	0
674	7223j	7223	K Dunes	419.375	4040.875	1124	250	250	0
675	7223k	7223	K Dunes	419.625	4040.875	1132	250	250	0
676	7223l	7223	K Dunes	419.875	4040.875	1142	250	250	0
677	7223m	7223	K Dunes	419.375	4040.125	1108	250	250	0
678	7223n	7223	K Dunes	419.625	4040.125	1113	250	250	0
679	7223o	7223	K Dunes	419.875	4040.125	1119	250	250	0
680	7223p	7223	K Dunes	418.875	4040.625	1106	250	250	0
681	7223q	7223	K Dunes	418.875	4040.875	1110	250	250	0
682	7223r	7223	K Dunes	419.625	4039.625	1100	250	250	0
683	7223s	7223	K Dunes	419.875	4039.625	1104	250	250	0
684	7223t	7223	K Dunes	419.625	4039.875	1106	250	250	0
685	7223u	7223	K Dunes	419.875	4039.875	1111	250	250	0
686	7223v	7223	K Dunes	419.375	4039.875	1102	250	250	0
687	7240a	7240	North	410.375	4040.875	1080	250	250	0
688	7240b	7240	North	410.625	4040.625	1077	250	250	0
689	7240c	7240	North	410.875	4040.625	1079	250	250	0
690	7240d	7240	North	410.875	4040.375	1077	250	250	0
691	7240e	7240	North	411.125	4040.375	1078	250	250	0
692	7240f	7240	North	411.375	4040.375	1079	250	250	0
693	7240g	7240	North	411.625	4040.375	1080	250	250	0
694	7240h	7240	North	411.625	4040.125	1078	250	250	0
695	7240i	7240	North	411.875	4040.125	1079	250	250	0
696	7240j	7240	North	412.125	4040.125	1081	250	250	0
697	7240k	7240	North	412.375	4039.875	1080	250	250	0
698	7240l	7240	North	412.625	4039.875	1081	250	250	0
699	7240m	7240	North	412.875	4039.875	1081	250	250	0
700	7240n	7240	North	412.875	4039.625	1079	250	250	0
701	7240o	7240	North	413.125	4039.625	1079	250	250	0
702	7240p	7240	North	413.375	4039.625	1079	250	250	0
703	7240q	7240	North	413.625	4039.375	1078	250	250	0
704	7240r	7240	North	413.875	4039.375	1078	250	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
705	7241a	7241	North	414.625	4039.375	1078	250	250	0
706	7241b	7241	North	414.625	4039.625	1079	250	250	0
707	7241c	7241	North	414.625	4039.875	1081	250	250	0
708	7242a	7242	North	415.125	4039.375	1079	250	250	0
709	7242b	7242	North	415.375	4039.375	1079	250	250	0
710	7242c	7242	North	415.125	4039.625	1080	250	250	0
711	7242d	7242	North	415.375	4039.625	1081	250	250	0
712	7242e	7242	North	415.125	4039.875	1082	250	250	0
713	7242f	7242	North	415.625	4039.375	1080	250	250	0
714	7242g	7242	North	415.875	4039.125	1080	250	250	0
715	7242h	7242	North	414.875	4041.125	1091	250	250	0
716	7242i	7242	North	414.875	4041.375	1093	250	250	0
717	7242j	7242	North	414.875	4040.375	1086	250	250	0
718	7242k	7242	North	414.875	4040.625	1088	250	250	0
719	7242l	7242	North	414.875	4040.875	1089	250	250	0
720	7242m	7242	North	415.125	4040.125	1084	250	250	0
721	7243a	7243	North	416.125	4039.125	1081	250	250	0
722	7243b	7243	North	416.375	4039.125	1081	250	250	0
723	7243c	7243	North	416.625	4039.125	1082	250	250	0
724	7243d	7243	North	416.875	4039.125	1083	250	250	0
725	7243e	7243	North	416.125	4039.375	1082	250	250	0
726	7243f	7243	North	416.375	4039.375	1083	250	250	0
727	7243g	7243	North	416.625	4039.375	1083	250	250	0
728	7243h	7243	North	416.875	4039.375	1084	250	250	0
729	7243i	7243	North	416.125	4039.625	1083	250	250	0
730	7243j	7243	North	416.375	4039.625	1084	250	250	0
731	7243k	7243	North	416.625	4039.625	1085	250	250	0
732	7243l	7243	North	416.875	4039.625	1085	250	250	0
733	7243m	7243	North	416.125	4039.875	1085	250	250	0
734	7243n	7243	North	416.375	4039.875	1086	250	250	0
735	7243o	7243	North	416.625	4039.875	1086	250	250	0
736	7243p	7243	North	416.875	4039.875	1087	250	250	0
737	7243q	7243	North	415.875	4039.375	1081	250	250	0
738	7243r	7243	North	415.625	4039.625	1082	250	250	0
739	7243s	7243	North	415.875	4039.625	1082	250	250	0
740	7243t	7243	North	415.375	4039.875	1083	250	250	0
741	7243u	7243	North	415.625	4039.875	1084	250	250	0
742	7243v	7243	North	415.875	4039.875	1084	250	250	0
743	7246a	7246	North	418.875	4040.375	1103	250	250	0
744	7246b	7246	North	418.875	4040.125	1099	250	250	0
745	7246c	7246	North	419.125	4040.125	1103	250	250	0
746	7246d	7246	North	419.125	4039.875	1099	250	250	0
747	7246e	7246	North	419.375	4039.625	1097	250	250	0
748	7246f	7246	North	419.625	4039.375	1095	250	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
749	7246g	7246	North	419.875	4039.375	1099	250	250	0
750	7246h	7246	North	419.875	4039.125	1095	250	250	0
751	7246i	7246	North	420.125	4039.125	1098	250	250	0
752	7246j	7246	North	420.375	4039.125	1101	250	250	0
753	7246k	7246	North	420.625	4038.875	1099	250	250	0
754	7246l	7246	North	420.875	4038.875	1104	250	250	0
755	7246m	7246	North	420.875	4038.625	1098	250	250	0
756	7247a	7247	K Dunes	420.125	4039.375	1102	250	250	0
757	7247b	7247	K Dunes	420.375	4039.375	1105	250	250	0
758	7247c	7247	K Dunes	420.625	4039.375	1110	250	250	0
759	7247d	7247	K Dunes	420.875	4039.375	1116	250	250	0
760	7247e	7247	K Dunes	420.125	4039.625	1108	250	250	0
761	7247f	7247	K Dunes	420.375	4039.625	1112	250	250	0
762	7247g	7247	K Dunes	420.625	4039.625	1118	250	250	0
763	7247h	7247	K Dunes	420.875	4039.625	1124	250	250	0
764	7247i	7247	K Dunes	420.125	4039.875	1116	250	250	0
765	7247j	7247	K Dunes	420.375	4039.875	1121	250	250	0
766	7247k	7247	K Dunes	420.625	4039.875	1127	250	250	0
767	7247l	7247	K Dunes	420.875	4039.875	1135	250	250	0
768	7247m	7247	K Dunes	420.625	4039.125	1105	250	250	0
769	7247n	7247	K Dunes	420.875	4039.125	1110	250	250	0
770	7247o	7247	K Dunes	420.125	4040.125	1125	250	250	0
771	7247p	7247	K Dunes	420.125	4040.375	1133	250	250	0
772	7247q	7247	K Dunes	420.375	4040.125	1130	250	250	0
773	7266a	7266	North	416.125	4038.875	1080	250	250	0
774	7266b	7266	North	416.375	4038.625	1079	250	250	0
775	7266c	7266	North	416.625	4038.375	1079	250	250	0
776	7266d	7266	North	416.875	4038.125	1079	250	250	0
777	7267a	7267	North	417.125	4038.125	1079	250	250	0
778	7267b	7267	North	417.375	4038.125	1080	250	250	0
779	7267c	7267	North	417.625	4038.125	1080	250	250	0
780	7267d	7267	North	417.875	4038.125	1080	250	250	0
781	7267e	7267	North	417.125	4038.375	1080	250	250	0
782	7267f	7267	North	417.375	4038.375	1081	250	250	0
783	7267g	7267	North	417.625	4038.375	1081	250	250	0
784	7267h	7267	North	417.875	4038.375	1081	250	250	0
785	7267i	7267	North	417.125	4038.625	1081	250	250	0
786	7267j	7267	North	417.375	4038.625	1082	250	250	0
787	7267k	7267	North	417.625	4038.625	1082	250	250	0
788	7267l	7267	North	417.875	4038.625	1082	250	250	0
789	7267m	7267	North	417.125	4038.875	1082	250	250	0
790	7267n	7267	North	417.375	4038.875	1083	250	250	0
791	7267o	7267	North	417.625	4038.875	1083	250	250	0
792	7267p	7267	North	417.875	4038.875	1084	250	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
793	7267q	7267	North	416.625	4038.625	1080	250	250	0
794	7267r	7267	North	416.875	4038.625	1080	250	250	0
795	7267s	7267	North	416.625	4038.875	1081	250	250	0
796	7267t	7267	North	416.875	4038.875	1082	250	250	0
797	7267u	7267	North	416.375	4038.875	1080	250	250	0
798	7267v	7267	North	416.875	4038.375	1080	250	250	0
799	7281a	7281	Central	408.125	4037.375	1096	250	250	0
800	7281b	7281	Central	408.375	4037.375	1091	250	250	0
801	7281c	7281	Central	408.625	4037.375	1086	250	250	0
802	7281d	7281	Central	408.625	4037.625	1087	250	250	0
803	7290a	7290	North	417.625	4037.625	1078	250	250	0
804	7290b	7290	North	417.875	4037.625	1079	250	250	0
805	7290c	7290	North	417.625	4037.875	1079	250	250	0
806	7290d	7290	North	417.875	4037.875	1080	250	250	0
807	7290e	7290	North	417.375	4037.875	1079	250	250	0
808	7290f	7290	North	417.875	4037.375	1078	250	250	0
809	7290g	7290	North	417.625	4037.375	1077	250	250	0
810	7290h	7290	North	417.125	4037.875	1079	250	250	0
811	7290i	7290	North	417.875	4037.125	1077	250	250	0
812	7291a	7291	North	418.125	4037.125	1077	250	250	0
813	7291b	7291	North	418.375	4037.125	1077	250	250	0
814	7291c	7291	North	418.625	4037.125	1078	250	250	0
815	7291d	7291	North	418.875	4037.125	1078	250	250	0
816	7291e	7291	North	418.125	4037.375	1078	250	250	0
817	7291f	7291	North	418.375	4037.375	1078	250	250	0
818	7291g	7291	North	418.625	4037.375	1079	250	250	0
819	7291h	7291	North	418.875	4037.375	1079	250	250	0
820	7291i	7291	North	418.125	4037.625	1079	250	250	0
821	7291j	7291	North	418.375	4037.625	1079	250	250	0
822	7291k	7291	North	418.625	4037.625	1080	250	250	0
823	7291l	7291	North	418.875	4037.625	1080	250	250	0
824	7291m	7291	North	418.125	4037.875	1080	250	250	0
825	7291n	7291	North	418.375	4037.875	1080	250	250	0
826	7291o	7291	North	418.625	4037.875	1081	250	250	0
827	7291p	7291	North	418.875	4037.875	1081	250	250	0
828	7293a	7293	North	420.125	4037.125	1080	250	250	0
829	7293aa	7293	North	421.125	4037.875	1089	250	250	0
830	7293ab	7293	North	421.375	4037.875	1091	250	250	0
831	7293ac	7293	North	421.625	4037.875	1094	250	250	0
832	7293ad	7293	North	421.875	4037.125	1086	250	250	0
833	7293ae	7293	North	421.875	4037.375	1088	250	250	0
834	7293b	7293	North	420.375	4037.125	1081	250	250	0
835	7293c	7293	North	420.625	4037.125	1081	250	250	0
836	7293d	7293	North	420.875	4037.125	1082	250	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
837	7293e	7293	North	420.125	4037.375	1081	250	250	0
838	7293f	7293	North	420.375	4037.375	1082	250	250	0
839	7293g	7293	North	420.625	4037.375	1082	250	250	0
840	7293h	7293	North	420.875	4037.375	1083	250	250	0
841	7293i	7293	North	420.125	4037.625	1082	250	250	0
842	7293j	7293	North	420.375	4037.625	1083	250	250	0
843	7293k	7293	North	420.625	4037.625	1084	250	250	0
844	7293l	7293	North	420.875	4037.625	1085	250	250	0
845	7293m	7293	North	420.125	4037.875	1084	250	250	0
846	7293n	7293	North	420.375	4037.875	1085	250	250	0
847	7293o	7293	North	420.625	4037.875	1086	250	250	0
848	7293p	7293	North	420.875	4037.875	1088	250	250	0
849	7293q	7293	North	421.125	4037.125	1083	250	250	0
850	7293r	7293	North	421.375	4037.125	1083	250	250	0
851	7293s	7293	North	421.625	4037.125	1085	250	250	0
852	7293t	7293	North	421.125	4037.375	1084	250	250	0
853	7293u	7293	North	421.375	4037.375	1085	250	250	0
854	7293v	7293	North	421.625	4037.375	1086	250	250	0
855	7293w	7293	North	421.125	4037.625	1086	250	250	0
856	7293y	7293	North	421.375	4037.625	1087	250	250	0
857	7293z	7293	North	421.625	4037.625	1089	250	250	0
858	7304a	7304	Central	408.125	4036.375	1094	250	250	0
859	7304b	7304	Central	408.375	4036.375	1090	250	250	0
860	7304c	7304	Central	408.625	4036.375	1086	250	250	0
861	7304d	7304	Central	408.125	4036.625	1094	250	250	0
862	7304e	7304	Central	408.375	4036.625	1090	250	250	0
863	7304f	7304	Central	408.625	4036.625	1086	250	250	0
864	7314a	7314	Central	418.375	4036.125	1075	250	250	0
865	7314b	7314	Central	418.625	4036.125	1076	250	250	0
866	7314c	7314	Central	418.875	4036.125	1076	250	250	0
867	7314d	7314	Central	418.375	4036.375	1075	250	250	0
868	7314e	7314	Central	418.625	4036.375	1076	250	250	0
869	7314f	7314	Central	418.875	4036.375	1076	250	250	0
870	7314g	7314	Central	418.375	4036.625	1075	250	250	0
871	7314h	7314	Central	418.625	4036.625	1076	250	250	0
872	7314i	7314	Central	418.875	4036.625	1077	250	250	0
873	7314j	7314	Central	418.375	4036.875	1076	250	250	0
874	7314k	7314	Central	418.625	4036.875	1077	250	250	0
875	7314l	7314	Central	418.875	4036.875	1077	250	250	0
876	7314m	7314	Central	418.125	4036.625	1075	250	250	0
877	7314n	7314	Central	418.125	4036.875	1076	250	250	0
878	7314o	7314	Central	418.875	4034.625	1077	250	250	0
879	7314p	7314	Central	418.625	4034.875	1076	250	250	0
880	7314q	7314	Central	418.625	4035.125	1076	250	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
881	7314r	7314	Central	418.625	4035.375	1076	250	250	0
882	7314s	7314	Central	418.875	4035.375	1077	250	250	0
883	7314t	7314	Central	418.375	4035.625	1076	250	250	0
884	7314u	7314	Central	418.625	4035.625	1076	250	250	0
885	7314v	7314	Central	418.875	4035.625	1077	250	250	0
886	7314w	7314	Central	418.375	4035.875	1076	250	250	0
887	7314x	7314	Central	418.625	4035.875	1076	250	250	0
888	7314y	7314	Central	418.875	4035.875	1077	250	250	0
889	7315a	7315	Central	419.125	4036.125	1077	250	250	0
890	7315b	7315	Central	419.375	4036.125	1078	250	250	0
891	7315c	7315	Central	419.625	4036.125	1078	250	250	0
892	7315d	7315	Central	419.875	4036.125	1078	250	250	0
893	7315e	7315	Central	419.125	4036.375	1077	250	250	0
894	7315f	7315	Central	419.375	4036.375	1078	250	250	0
895	7315g	7315	Central	419.625	4036.375	1078	250	250	0
896	7315h	7315	Central	419.875	4036.375	1078	250	250	0
897	7315i	7315	Central	419.125	4036.625	1077	250	250	0
898	7315j	7315	Central	419.375	4036.625	1078	250	250	0
899	7315k	7315	Central	419.625	4036.625	1078	250	250	0
900	7315l	7315	Central	419.875	4036.625	1079	250	250	0
901	7315m	7315	Central	419.125	4036.875	1078	250	250	0
902	7315n	7315	Central	419.375	4036.875	1079	250	250	0
903	7315o	7315	Central	419.625	4036.875	1079	250	250	0
904	7315p	7315	Central	419.875	4036.875	1079	250	250	0
905	7316a	7316	North	420.125	4036.125	1079	250	250	0
906	7316b	7316	North	420.375	4036.125	1079	250	250	0
907	7316c	7316	North	420.625	4036.125	1080	250	250	0
908	7316d	7316	North	420.875	4036.125	1080	250	250	0
909	7316e	7316	North	420.125	4036.375	1079	250	250	0
910	7316f	7316	North	420.375	4036.375	1079	250	250	0
911	7316g	7316	North	420.625	4036.375	1079	250	250	0
912	7316h	7316	North	420.875	4036.375	1080	250	250	0
913	7316i	7316	North	420.125	4036.625	1079	250	250	0
914	7316j	7316	North	420.375	4036.625	1079	250	250	0
915	7316k	7316	North	420.625	4036.625	1080	250	250	0
916	7316l	7316	North	420.875	4036.625	1080	250	250	0
917	7316m	7316	North	420.125	4036.875	1080	250	250	0
918	7316n	7316	North	420.375	4036.875	1080	250	250	0
919	7316o	7316	North	420.625	4036.875	1081	250	250	0
920	7316p	7316	North	420.875	4036.875	1081	250	250	0
921	7338a	7338	Central	419.375	4034.375	1079	250	250	0
922	7338b	7338	Central	419.625	4034.375	1080	250	250	0
923	7338c	7338	Central	419.875	4034.375	1080	250	250	0
924	7338d	7338	Central	419.125	4034.625	1078	250	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
925	7338e	7338	Central	419.375	4034.625	1079	250	250	0
926	7338f	7338	Central	419.625	4034.625	1080	250	250	0
927	7338g	7338	Central	419.875	4034.625	1080	250	250	0
928	7338h	7338	Central	419.375	4034.875	1079	250	250	0
929	7338i	7338	Central	419.625	4034.875	1079	250	250	0
930	7338j	7338	Central	419.875	4034.875	1080	250	250	0
931	7338k	7338	Central	419.375	4035.125	1078	250	250	0
932	7338l	7338	Central	419.625	4035.125	1079	250	250	0
933	7338m	7338	Central	419.875	4035.125	1079	250	250	0
934	7338n	7338	Central	419.125	4035.375	1077	250	250	0
935	7338o	7338	Central	419.375	4035.375	1078	250	250	0
936	7338p	7338	Central	419.625	4035.375	1078	250	250	0
937	7338q	7338	Central	419.875	4035.375	1079	250	250	0
938	7338r	7338	Central	419.125	4035.625	1077	250	250	0
939	7338s	7338	Central	419.375	4035.625	1077	250	250	0
940	7338t	7338	Central	419.625	4035.625	1078	250	250	0
941	7338u	7338	Central	419.875	4035.625	1078	250	250	0
942	7338v	7338	Central	419.125	4035.875	1077	250	250	0
943	7338w	7338	Central	419.375	4035.875	1077	250	250	0
944	7338x	7338	Central	419.625	4035.875	1078	250	250	0
945	7338y	7338	Central	419.875	4035.875	1078	250	250	0
946	7339a	7339	North	420.125	4035.125	1080	250	250	0
947	7339aa	7339	North	420.625	4034.875	1080	250	250	0
948	7339ab	7339	North	420.875	4034.875	1080	250	250	0
949	7339b	7339	North	420.375	4035.125	1080	250	250	0
950	7339c	7339	North	420.625	4035.125	1080	250	250	0
951	7339d	7339	North	420.875	4035.125	1081	250	250	0
952	7339e	7339	North	420.125	4035.375	1079	250	250	0
953	7339f	7339	North	420.375	4035.375	1080	250	250	0
954	7339g	7339	North	420.625	4035.375	1080	250	250	0
955	7339h	7339	North	420.875	4035.375	1081	250	250	0
956	7339i	7339	North	420.125	4035.625	1079	250	250	0
957	7339j	7339	North	420.375	4035.625	1080	250	250	0
958	7339k	7339	North	420.625	4035.625	1080	250	250	0
959	7339l	7339	North	420.875	4035.625	1081	250	250	0
960	7339m	7339	North	420.125	4035.875	1079	250	250	0
961	7339n	7339	North	420.375	4035.875	1079	250	250	0
962	7339o	7339	North	420.625	4035.875	1080	250	250	0
963	7339p	7339	North	420.875	4035.875	1080	250	250	0
964	7339q	7339	North	420.125	4034.375	1080	250	250	0
965	7339r	7339	North	420.375	4034.375	1080	250	250	0
966	7339s	7339	North	420.625	4034.375	1080	250	250	0
967	7339t	7339	North	420.875	4034.375	1080	250	250	0
968	7339u	7339	North	420.125	4034.625	1080	250	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
969	7339v	7339	North	420.375	4034.625	1080	250	250	0
970	7339w	7339	North	420.625	4034.625	1080	250	250	0
971	7339x	7339	North	420.875	4034.625	1080	250	250	0
972	7339y	7339	North	420.125	4034.875	1080	250	250	0
973	7339z	7339	North	420.375	4034.875	1080	250	250	0
974	7360a	7360	Central	419.125	4033.375	1076	250	250	0
975	7360b	7360	Central	419.125	4033.625	1076	250	250	0
976	7360c	7360	Central	419.125	4033.875	1077	250	250	0
977	7360d	7360	Central	419.375	4033.875	1078	250	250	0
978	7360e	7360	Central	418.125	4034.125	1074	250	250	0
979	7360f	7360	Central	418.375	4034.125	1074	250	250	0
980	7360g	7360	Central	418.625	4034.125	1074	250	250	0
981	7360h	7360	Central	418.875	4034.125	1076	250	250	0
982	7360i	7360	Central	419.125	4034.125	1077	250	250	0
983	7360j	7360	Central	419.375	4034.125	1079	250	250	0
984	7360k	7360	Central	418.125	4034.375	1074	250	250	0
985	7360l	7360	Central	418.375	4034.375	1074	250	250	0
986	7360m	7360	Central	418.625	4034.375	1075	250	250	0
987	7360n	7360	Central	418.875	4034.375	1076	250	250	0
988	7360o	7360	Central	419.125	4034.375	1078	250	250	0
989	7360p	7360	Central	418.125	4034.625	1074	250	250	0
990	7360q	7360	Central	418.375	4034.625	1075	250	250	0
991	7360r	7360	Central	418.625	4034.625	1075	250	250	0
992	7360s	7360	Central	418.125	4034.875	1075	250	250	0
993	7363a	7363	Central	421.125	4034.375	1080	250	250	0
994	7363b	7363	Central	421.375	4034.375	1080	250	250	0
995	7363c	7363	Central	421.625	4034.375	1080	250	250	0
996	7363d	7363	Central	421.875	4034.375	1081	250	250	0
997	7363e	7363	Central	421.125	4034.625	1080	250	250	0
998	7363f	7363	Central	421.375	4034.625	1080	250	250	0
999	7363g	7363	Central	421.625	4034.625	1080	250	250	0
1000	7363h	7363	Central	421.875	4034.625	1081	250	250	0
1001	7363i	7363	Central	421.125	4034.875	1080	250	250	0
1002	7363j	7363	Central	421.375	4034.875	1081	250	250	0
1003	7363k	7363	Central	421.625	4034.875	1081	250	250	0
1004	7363l	7363	Central	421.875	4034.875	1081	250	250	0
1005	7364a	7364	Central	422.125	4034.375	1081	250	250	0
1006	7364b	7364	Central	422.375	4034.375	1082	250	250	0
1007	7364c	7364	Central	422.125	4034.625	1081	250	250	0
1008	7364d	7364	Central	422.375	4034.625	1082	250	250	0
1009	7364e	7364	Central	422.125	4034.875	1082	250	250	0
1010	7364f	7364	Central	422.375	4034.875	1082	250	250	0
1011	7384a	7384	Central	419.375	4033.125	1077	250	250	0
1012	7384b	7384	Central	419.625	4033.125	1077	250	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1013	7384c	7384	Central	419.375	4033.375	1077	250	250	0
1014	7384d	7384	Central	419.625	4033.375	1078	250	250	0
1015	7384e	7384	Central	419.375	4033.625	1078	250	250	0
1016	7384f	7384	Central	419.625	4033.625	1078	250	250	0
1017	7384g	7384	Central	419.625	4033.875	1079	250	250	0
1018	7384h	7384	Central	419.625	4034.125	1079	250	250	0
1019	7385a	7385	Central	420.125	4033.125	1078	250	250	0
1020	7385b	7385	Central	420.375	4033.125	1078	250	250	0
1021	7385c	7385	Central	420.625	4033.125	1079	250	250	0
1022	7385d	7385	Central	420.875	4033.125	1079	250	250	0
1023	7385e	7385	Central	420.125	4033.375	1078	250	250	0
1024	7385f	7385	Central	420.375	4033.375	1078	250	250	0
1025	7385g	7385	Central	420.625	4033.375	1079	250	250	0
1026	7385h	7385	Central	420.875	4033.375	1079	250	250	0
1027	7385i	7385	Central	420.125	4033.625	1079	250	250	0
1028	7385j	7385	Central	420.375	4033.625	1079	250	250	0
1029	7385k	7385	Central	420.625	4033.625	1079	250	250	0
1030	7385l	7385	Central	420.875	4033.625	1079	250	250	0
1031	7385m	7385	Central	420.125	4033.875	1079	250	250	0
1032	7385n	7385	Central	420.375	4033.875	1079	250	250	0
1033	7385o	7385	Central	420.625	4033.875	1079	250	250	0
1034	7385p	7385	Central	420.875	4033.875	1080	250	250	0
1035	7385q	7385	Central	419.875	4033.125	1078	250	250	0
1036	7385r	7385	Central	419.875	4033.375	1078	250	250	0
1037	7385s	7385	Central	419.875	4033.625	1078	250	250	0
1038	7385t	7385	Central	419.875	4033.875	1079	250	250	0
1039	7385u	7385	Central	419.875	4034.125	1079	250	250	0
1040	7385v	7385	Central	420.125	4034.125	1080	250	250	0
1041	7385w	7385	Central	420.375	4034.125	1080	250	250	0
1042	7385x	7385	Central	420.625	4034.125	1080	250	250	0
1043	7385y	7385	Central	420.875	4034.125	1080	250	250	0
1044	7386a	7386	Central	421.125	4033.125	1080	250	250	0
1045	7386b	7386	Central	421.375	4033.125	1081	250	250	0
1046	7386c	7386	Central	421.625	4033.125	1081	250	250	0
1047	7386d	7386	Central	421.875	4033.125	1081	250	250	0
1048	7386e	7386	Central	421.125	4033.375	1080	250	250	0
1049	7386f	7386	Central	421.375	4033.375	1081	250	250	0
1050	7386g	7386	Central	421.625	4033.375	1081	250	250	0
1051	7386h	7386	Central	421.875	4033.375	1081	250	250	0
1052	7386i	7386	Central	421.125	4033.625	1080	250	250	0
1053	7386j	7386	Central	421.375	4033.625	1081	250	250	0
1054	7386k	7386	Central	421.625	4033.625	1081	250	250	0
1055	7386l	7386	Central	421.875	4033.625	1081	250	250	0
1056	7386m	7386	Central	421.125	4033.875	1080	250	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1057	7386n	7386	Central	421.375	4033.875	1080	250	250	0
1058	7386o	7386	Central	421.625	4033.875	1081	250	250	0
1059	7386p	7386	Central	421.875	4033.875	1081	250	250	0
1060	7386q	7386	Central	421.125	4034.125	1080	250	250	0
1061	7386r	7386	Central	421.375	4034.125	1080	250	250	0
1062	7386s	7386	Central	421.625	4034.125	1080	250	250	0
1063	7386t	7386	Central	421.875	4034.125	1081	250	250	0
1064	7387a	7387	Central	422.125	4033.375	1082	250	250	0
1065	7387b	7387	Central	422.375	4033.375	1082	250	250	0
1066	7387c	7387	Central	422.625	4033.375	1082	250	250	0
1067	7387d	7387	Central	422.875	4033.375	1082	250	250	0
1068	7387e	7387	Central	422.875	4033.125	1082	250	250	0
1069	7387f	7387	Central	422.125	4033.625	1082	250	250	0
1070	7387g	7387	Central	422.375	4033.625	1082	250	250	0
1071	7387h	7387	Central	422.625	4033.625	1082	250	250	0
1072	7387i	7387	Central	422.875	4033.625	1083	250	250	0
1073	7387j	7387	Central	422.125	4033.875	1081	250	250	0
1074	7387k	7387	Central	422.375	4033.875	1082	250	250	0
1075	7387l	7387	Central	422.625	4033.875	1082	250	250	0
1076	7387m	7387	Central	422.875	4033.875	1083	250	250	0
1077	7406a	7406	Central	418.125	4031.375	1074	250	250	0
1078	7406b	7406	Central	418.125	4031.625	1074	250	250	0
1079	7406c	7406	Central	418.125	4031.875	1074	250	250	0
1080	7406d	7406	Central	418.375	4031.875	1074	250	250	0
1081	7406e	7406	Central	418.125	4032.125	1073	250	250	0
1082	7406f	7406	Central	418.375	4032.125	1074	250	250	0
1083	7406g	7406	Central	418.625	4032.125	1074	250	250	0
1084	7406h	7406	Central	418.875	4032.125	1074	250	250	0
1085	7406i	7406	Central	418.125	4032.375	1073	250	250	0
1086	7406j	7406	Central	418.375	4032.375	1073	250	250	0
1087	7406k	7406	Central	418.625	4032.375	1074	250	250	0
1088	7406l	7406	Central	418.125	4032.625	1073	250	250	0
1089	7406m	7406	Central	418.375	4032.625	1073	250	250	0
1090	7406n	7406	Central	418.625	4032.625	1073	250	250	0
1091	7406o	7406	Central	418.125	4032.875	1073	250	250	0
1092	7406p	7406	Central	418.375	4032.875	1073	250	250	0
1093	7406q	7406	Central	418.625	4032.875	1073	250	250	0
1094	7407a	7407	Central	419.125	4032.125	1075	250	250	0
1095	7407b	7407	Central	419.375	4032.125	1075	250	250	0
1096	7407c	7407	Central	419.625	4032.125	1076	250	250	0
1097	7407d	7407	Central	419.875	4032.125	1077	250	250	0
1098	7407e	7407	Central	420.125	4032.125	1077	250	250	0
1099	7407f	7407	Central	420.375	4032.125	1078	250	250	0
1100	7407g	7407	Central	418.875	4032.375	1074	250	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1101	7407h	7407	Central	419.125	4032.375	1075	250	250	0
1102	7407i	7407	Central	419.375	4032.375	1075	250	250	0
1103	7407j	7407	Central	419.625	4032.375	1076	250	250	0
1104	7407k	7407	Central	419.875	4032.375	1077	250	250	0
1105	7407l	7407	Central	418.875	4032.625	1074	250	250	0
1106	7407m	7407	Central	419.125	4032.625	1075	250	250	0
1107	7407n	7407	Central	419.375	4032.625	1075	250	250	0
1108	7407o	7407	Central	419.625	4032.625	1076	250	250	0
1109	7407p	7407	Central	419.875	4032.625	1077	250	250	0
1110	7407q	7407	Central	418.875	4032.875	1074	250	250	0
1111	7407r	7407	Central	419.125	4032.875	1075	250	250	0
1112	7407s	7407	Central	419.375	4032.875	1076	250	250	0
1113	7407t	7407	Central	419.625	4032.875	1077	250	250	0
1114	7408a	7408	Central	420.625	4032.125	1079	250	250	0
1115	7408b	7408	Central	420.875	4032.125	1080	250	250	0
1116	7408c	7408	Central	420.125	4032.375	1077	250	250	0
1117	7408d	7408	Central	420.375	4032.375	1078	250	250	0
1118	7408e	7408	Central	420.625	4032.375	1079	250	250	0
1119	7408f	7408	Central	420.875	4032.375	1080	250	250	0
1120	7408g	7408	Central	420.125	4032.625	1078	250	250	0
1121	7408h	7408	Central	420.375	4032.625	1078	250	250	0
1122	7408i	7408	Central	420.625	4032.625	1079	250	250	0
1123	7408j	7408	Central	420.875	4032.625	1080	250	250	0
1124	7408k	7408	Central	419.875	4032.875	1077	250	250	0
1125	7408l	7408	Central	420.125	4032.875	1078	250	250	0
1126	7408m	7408	Central	420.375	4032.875	1078	250	250	0
1127	7408n	7408	Central	420.625	4032.875	1079	250	250	0
1128	7408o	7408	Central	420.875	4032.875	1079	250	250	0
1129	7409a	7409	Central	421.125	4032.125	1080	250	250	0
1130	7409b	7409	Central	421.375	4032.125	1081	250	250	0
1131	7409c	7409	Central	421.625	4032.125	1082	250	250	0
1132	7409d	7409	Central	421.125	4032.375	1080	250	250	0
1133	7409e	7409	Central	421.375	4032.375	1081	250	250	0
1134	7409f	7409	Central	421.625	4032.375	1081	250	250	0
1135	7409g	7409	Central	421.125	4032.625	1080	250	250	0
1136	7409h	7409	Central	421.375	4032.625	1081	250	250	0
1137	7409i	7409	Central	421.625	4032.625	1081	250	250	0
1138	7409j	7409	Central	421.125	4032.875	1080	250	250	0
1139	7409k	7409	Central	421.375	4032.875	1081	250	250	0
1140	7409l	7409	Central	421.625	4032.875	1081	250	250	0
1141	7409m	7409	Central	421.875	4032.875	1081	250	250	0
1142	7410a	7410	Central	422.375	4032.375	1081	250	250	0
1143	7410b	7410	Central	422.625	4032.375	1081	250	250	0
1144	7410c	7410	Central	422.375	4032.625	1081	250	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1145	7410d	7410	Central	422.625	4032.625	1081	250	250	0
1146	7429a	7429	Central	418.125	4031.125	1074	250	250	0
1147	7429b	7429	Central	418.375	4031.125	1074	250	250	0
1148	7429c	7429	Central	418.625	4031.125	1075	250	250	0
1149	7429d	7429	Central	418.875	4031.125	1075	250	250	0
1150	7429e	7429	Central	418.375	4031.375	1074	250	250	0
1151	7429f	7429	Central	418.625	4031.375	1075	250	250	0
1152	7429g	7429	Central	418.875	4031.375	1075	250	250	0
1153	7429h	7429	Central	418.375	4031.625	1074	250	250	0
1154	7429i	7429	Central	418.625	4031.625	1074	250	250	0
1155	7429j	7429	Central	418.875	4031.625	1075	250	250	0
1156	7429k	7429	Central	418.625	4031.875	1074	250	250	0
1157	7429l	7429	Central	418.875	4031.875	1075	250	250	0
1158	7430a	7430	Central	419.125	4031.125	1075	250	250	0
1159	7430b	7430	Central	419.375	4031.125	1075	250	250	0
1160	7430c	7430	Central	419.625	4031.125	1076	250	250	0
1161	7430d	7430	Central	419.875	4031.125	1076	250	250	0
1162	7430e	7430	Central	419.125	4031.375	1075	250	250	0
1163	7430f	7430	Central	419.375	4031.375	1076	250	250	0
1164	7430g	7430	Central	419.625	4031.375	1076	250	250	0
1165	7430h	7430	Central	419.875	4031.375	1076	250	250	0
1166	7430i	7430	Central	419.125	4031.625	1075	250	250	0
1167	7430j	7430	Central	419.375	4031.625	1076	250	250	0
1168	7430k	7430	Central	419.625	4031.625	1076	250	250	0
1169	7430l	7430	Central	419.875	4031.625	1077	250	250	0
1170	7430m	7430	Central	419.125	4031.875	1075	250	250	0
1171	7430n	7430	Central	419.375	4031.875	1075	250	250	0
1172	7430o	7430	Central	419.625	4031.875	1076	250	250	0
1173	7430p	7430	Central	419.875	4031.875	1077	250	250	0
1174	7430q	7430	Central	420.125	4031.625	1077	250	250	0
1175	7430r	7430	Central	420.375	4031.625	1078	250	250	0
1176	7430s	7430	Central	420.125	4031.875	1077	250	250	0
1177	7430t	7430	Central	420.375	4031.875	1078	250	250	0
1178	7430u	7430	Central	420.125	4031.375	1077	250	250	0
1179	7431a	7431	Central	420.125	4030.625	1076	250	250	0
1180	7431b	7431	Central	420.125	4030.875	1077	250	250	0
1181	7431c	7431	Central	420.375	4030.875	1077	250	250	0
1182	7431d	7431	Central	420.125	4031.125	1077	250	250	0
1183	7431e	7431	Central	420.375	4031.125	1077	250	250	0
1184	7431f	7431	Central	420.625	4031.125	1078	250	250	0
1185	7431g	7431	Central	420.375	4031.375	1077	250	250	0
1186	7431h	7431	Central	420.625	4031.375	1078	250	250	0
1187	7431i	7431	Central	420.875	4031.375	1079	250	250	0
1188	7431j	7431	Central	420.625	4031.625	1078	250	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1189	7431k	7431	Central	420.875	4031.625	1080	250	250	0
1190	7431l	7431	Central	420.625	4031.875	1079	250	250	0
1191	7431m	7431	Central	420.875	4031.875	1080	250	250	0
1192	7432a	7432	Central	420.875	4031.125	1079	250	250	0
1193	7432b	7432	Central	421.125	4031.125	1080	250	250	0
1194	7432c	7432	Central	421.375	4031.125	1081	250	250	0
1195	7432d	7432	Central	421.625	4031.125	1082	250	250	0
1196	7432e	7432	Central	421.875	4031.125	1082	250	250	0
1197	7432f	7432	Central	421.125	4031.375	1081	250	250	0
1198	7432g	7432	Central	421.375	4031.375	1082	250	250	0
1199	7432h	7432	Central	421.625	4031.375	1082	250	250	0
1200	7432i	7432	Central	421.875	4031.375	1082	250	250	0
1201	7432j	7432	Central	421.125	4031.625	1081	250	250	0
1202	7432k	7432	Central	421.375	4031.625	1082	250	250	0
1203	7432l	7432	Central	421.625	4031.625	1082	250	250	0
1204	7432m	7432	Central	421.875	4031.625	1082	250	250	0
1205	7432n	7432	Central	421.125	4031.875	1081	250	250	0
1206	7432o	7432	Central	421.375	4031.875	1082	250	250	0
1207	7432p	7432	Central	421.625	4031.875	1082	250	250	0
1208	7451a	7451	Central	417.5625	4030.375	1074	125	250	0
1209	7452a	7452	Central	418.125	4030.125	1074	250	250	0
1210	7452aa	7452	Central	418.875	4029.875	1074	250	250	0
1211	7452ab	7452	Central	417.6875	4030.375	1074	125	250	0
1212	7452b	7452	Central	418.375	4030.125	1074	250	250	0
1213	7452c	7452	Central	418.625	4030.125	1074	250	250	0
1214	7452d	7452	Central	418.875	4030.125	1074	250	250	0
1215	7452e	7452	Central	418.125	4030.375	1074	250	250	0
1216	7452f	7452	Central	418.375	4030.375	1074	250	250	0
1217	7452g	7452	Central	418.625	4030.375	1074	250	250	0
1218	7452h	7452	Central	418.875	4030.375	1074	250	250	0
1219	7452i	7452	Central	418.125	4030.625	1074	250	250	0
1220	7452j	7452	Central	418.375	4030.625	1074	250	250	0
1221	7452k	7452	Central	418.625	4030.625	1075	250	250	0
1222	7452l	7452	Central	418.875	4030.625	1075	250	250	0
1223	7452m	7452	Central	418.125	4030.875	1074	250	250	0
1224	7452n	7452	Central	418.375	4030.875	1074	250	250	0
1225	7452o	7452	Central	418.625	4030.875	1075	250	250	0
1226	7452p	7452	Central	418.875	4030.875	1075	250	250	0
1227	7452q	7452	Central	417.875	4030.125	1074	250	250	0
1228	7452r	7452	Central	417.875	4030.375	1074	250	250	0
1229	7452s	7452	Central	417.875	4030.625	1074	250	250	0
1230	7452t	7452	Central	417.875	4030.875	1074	250	250	0
1231	7452u	7452	Central	417.625	4030.125	1074	250	250	0
1232	7452v	7452	Central	417.625	4029.875	1074	250	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1233	7452w	7452	Central	417.875	4029.875	1074	250	250	0
1234	7452x	7452	Central	418.125	4029.875	1074	250	250	0
1235	7452y	7452	Central	418.375	4029.875	1073	250	250	0
1236	7452z	7452	Central	418.625	4029.875	1073	250	250	0
1237	7453a	7453	Central	419.125	4030.125	1074	250	250	0
1238	7453b	7453	Central	419.375	4030.125	1075	250	250	0
1239	7453c	7453	Central	419.625	4030.125	1075	250	250	0
1240	7453d	7453	Central	419.875	4030.125	1076	250	250	0
1241	7453e	7453	Central	419.125	4030.375	1074	250	250	0
1242	7453f	7453	Central	419.375	4030.375	1075	250	250	0
1243	7453g	7453	Central	419.625	4030.375	1075	250	250	0
1244	7453h	7453	Central	419.875	4030.375	1076	250	250	0
1245	7453i	7453	Central	419.125	4030.625	1075	250	250	0
1246	7453j	7453	Central	419.375	4030.625	1075	250	250	0
1247	7453k	7453	Central	419.625	4030.625	1075	250	250	0
1248	7453l	7453	Central	419.875	4030.625	1076	250	250	0
1249	7453m	7453	Central	419.125	4030.875	1075	250	250	0
1250	7453n	7453	Central	419.375	4030.875	1075	250	250	0
1251	7453o	7453	Central	419.625	4030.875	1075	250	250	0
1252	7453p	7453	Central	419.875	4030.875	1076	250	250	0
1253	7453q	7453	Central	420.125	4030.375	1077	250	250	0
1254	7453r	7453	Central	419.125	4029.875	1074	250	250	0
1255	7453s	7453	Central	419.375	4029.875	1075	250	250	0
1256	7453t	7453	Central	419.625	4029.875	1075	250	250	0
1257	7454a	7454	Central	420.125	4030.125	1077	250	250	0
1258	7454b	7454	Central	420.375	4030.125	1078	250	250	0
1259	7454c	7454	Central	420.625	4030.125	1079	250	250	0
1260	7454d	7454	Central	420.875	4030.125	1080	250	250	0
1261	7454e	7454	Central	420.375	4030.375	1077	250	250	0
1262	7454f	7454	Central	420.625	4030.375	1078	250	250	0
1263	7454g	7454	Central	420.875	4030.375	1079	250	250	0
1264	7454h	7454	Central	420.375	4030.625	1077	250	250	0
1265	7454i	7454	Central	420.625	4030.625	1078	250	250	0
1266	7454j	7454	Central	420.875	4030.625	1079	250	250	0
1267	7454k	7454	Central	420.625	4030.875	1078	250	250	0
1268	7454l	7454	Central	420.875	4030.875	1079	250	250	0
1269	7455a	7455	Central	421.125	4030.125	1080	250	250	0
1270	7455b	7455	Central	421.375	4030.125	1081	250	250	0
1271	7455c	7455	Central	421.625	4030.125	1082	250	250	0
1272	7455d	7455	Central	421.875	4030.125	1084	250	250	0
1273	7455e	7455	Central	421.125	4030.375	1080	250	250	0
1274	7455f	7455	Central	421.375	4030.375	1081	250	250	0
1275	7455g	7455	Central	421.625	4030.375	1081	250	250	0
1276	7455h	7455	Central	421.875	4030.375	1082	250	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1277	7455i	7455	Central	421.125	4030.625	1080	250	250	0
1278	7455j	7455	Central	421.375	4030.625	1081	250	250	0
1279	7455k	7455	Central	421.625	4030.625	1081	250	250	0
1280	7455l	7455	Central	421.875	4030.625	1082	250	250	0
1281	7455m	7455	Central	421.125	4030.875	1080	250	250	0
1282	7455n	7455	Central	421.375	4030.875	1081	250	250	0
1283	7455o	7455	Central	421.625	4030.875	1082	250	250	0
1284	7455p	7455	Central	421.875	4030.875	1082	250	250	0
1285	7473a	7473	Central	416.125	4028.875	1074	250	250	0
1286	7473b	7473	Central	416.125	4029.125	1073	250	250	0
1287	7473c	7473	Central	416.375	4029.125	1074	250	250	0
1288	7473d	7473	Central	417.125	4029.125	1076	250	250	0
1289	7473e	7473	Central	417.375	4029.125	1077	250	250	0
1290	7473f	7473	Central	416.375	4029.375	1073	250	250	0
1291	7473g	7473	Central	416.625	4029.375	1074	250	250	0
1292	7473h	7473	Central	416.875	4029.375	1074	250	250	0
1293	7473i	7473	Central	417.125	4029.375	1075	250	250	0
1294	7473j	7473	Central	417.375	4029.375	1075	250	250	0
1295	7473k	7473	Central	416.375	4029.625	1073	250	250	0
1296	7473l	7473	Central	416.625	4029.625	1073	250	250	0
1297	7473m	7473	Central	416.875	4029.625	1074	250	250	0
1298	7473n	7473	Central	417.125	4029.625	1074	250	250	0
1299	7473o	7473	Central	416.625	4029.875	1073	250	250	0
1300	7474a	7474	Central	417.625	4029.125	1077	250	250	0
1301	7474b	7474	Central	417.625	4029.375	1075	250	250	0
1302	7474c	7474	Central	417.375	4029.625	1074	250	250	0
1303	7474d	7474	Central	417.625	4029.625	1074	250	250	0
1304	7474e	7474	Central	417.875	4029.625	1074	250	250	0
1305	7474f	7474	Central	417.375	4029.875	1074	250	250	0
1306	7475a	7475	Central	418.125	4029.625	1073	250	250	0
1307	7475b	7475	Central	418.375	4029.625	1073	250	250	0
1308	7475c	7475	Central	418.625	4029.625	1073	250	250	0
1309	7475d	7475	Central	418.875	4029.625	1074	250	250	0
1310	7476a	7476	Central	419.375	4029.125	1076	250	250	0
1311	7476b	7476	Central	419.625	4029.125	1077	250	250	0
1312	7476c	7476	Central	419.875	4029.125	1079	250	250	0
1313	7476d	7476	Central	419.625	4029.375	1076	250	250	0
1314	7476e	7476	Central	419.875	4029.375	1078	250	250	0
1315	7476f	7476	Central	419.625	4029.625	1076	250	250	0
1316	7476g	7476	Central	419.875	4029.625	1077	250	250	0
1317	7476h	7476	Central	419.875	4029.875	1077	250	250	0
1318	7477a	7477	Central	420.125	4029.125	1081	250	250	0
1319	7477b	7477	Central	420.375	4029.125	1082	250	250	0
1320	7477c	7477	Central	420.125	4029.375	1079	250	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1321	7477d	7477	Central	420.375	4029.375	1081	250	250	0
1322	7477e	7477	Central	420.125	4029.625	1078	250	250	0
1323	7477f	7477	Central	420.375	4029.625	1080	250	250	0
1324	7477g	7477	Central	420.625	4029.625	1081	250	250	0
1325	7477h	7477	Central	420.125	4029.875	1078	250	250	0
1326	7477i	7477	Central	420.375	4029.875	1079	250	250	0
1327	7477j	7477	Central	420.625	4029.875	1080	250	250	0
1328	7495a	7495	Central	415.625	4028.625	1074	250	250	0
1329	7495b	7495	Central	415.875	4028.625	1074	250	250	0
1330	7496a	7496	Central	416.375	4028.125	1076	250	250	0
1331	7496b	7496	Central	416.625	4028.125	1077	250	250	0
1332	7496c	7496	Central	416.875	4028.125	1078	250	250	0
1333	7496d	7496	Central	417.125	4028.125	1078	250	250	0
1334	7496e	7496	Central	416.375	4028.375	1077	250	250	0
1335	7496f	7496	Central	416.625	4028.375	1078	250	250	0
1336	7496g	7496	Central	416.875	4028.375	1078	250	250	0
1337	7496h	7496	Central	417.125	4028.375	1079	250	250	0
1338	7496i	7496	Central	416.625	4028.625	1077	250	250	0
1339	7496j	7496	Central	416.875	4028.625	1078	250	250	0
1340	7496k	7496	Central	417.125	4028.625	1079	250	250	0
1341	7496l	7496	Central	416.625	4028.875	1076	250	250	0
1342	7496m	7496	Central	416.875	4028.875	1077	250	250	0
1343	7496n	7496	Central	417.125	4028.875	1078	250	250	0
1344	7496o	7496	Central	416.625	4029.125	1075	250	250	0
1345	7496p	7496	Central	416.875	4029.125	1076	250	250	0
1346	7497a	7497	Central	417.375	4028.125	1079	250	250	0
1347	7497b	7497	Central	417.625	4028.125	1079	250	250	0
1348	7497c	7497	Central	417.875	4028.125	1078	250	250	0
1349	7497d	7497	Central	417.625	4028.375	1080	250	250	0
1350	7497e	7497	Central	417.875	4028.375	1079	250	250	0
1351	7498a	7498	Central	418.375	4028.625	1077	250	250	0
1352	7498b	7498	Central	418.625	4028.625	1077	250	250	0
1353	7498c	7498	Central	418.875	4028.625	1078	250	250	0
1354	7498d	7498	Central	418.625	4028.875	1076	250	250	0
1355	7498e	7498	Central	418.875	4028.875	1076	250	250	0
1356	8498a	7498	Central	418.125	4028.125	1078	250	250	0
1357	8498b	7498	Central	418.375	4028.125	1077	250	250	0
1358	8498c	7498	Central	418.625	4028.125	1077	250	250	0
1359	8498d	7498	Central	418.875	4028.125	1078	250	250	0
1360	8498e	7498	Central	418.125	4028.375	1079	250	250	0
1361	8498f	7498	Central	418.375	4028.375	1078	250	250	0
1362	8498g	7498	Central	418.625	4028.375	1078	250	250	0
1363	8498h	7498	Central	418.875	4028.375	1078	250	250	0
1364	7499a	7499	Central	419.875	4028.125	1083	250	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1365	7499b	7499	Central	419.125	4028.375	1079	250	250	0
1366	7499c	7499	Central	419.375	4028.375	1079	250	250	0
1367	7499d	7499	Central	419.625	4028.375	1080	250	250	0
1368	7499e	7499	Central	419.875	4028.375	1082	250	250	0
1369	7499f	7499	Central	419.125	4028.625	1078	250	250	0
1370	7499g	7499	Central	419.375	4028.625	1079	250	250	0
1371	7499h	7499	Central	419.625	4028.625	1080	250	250	0
1372	7499i	7499	Central	419.875	4028.625	1081	250	250	0
1373	7499j	7499	Central	419.125	4028.875	1077	250	250	0
1374	7499k	7499	Central	419.375	4028.875	1077	250	250	0
1375	7499l	7499	Central	419.625	4028.875	1079	250	250	0
1376	7499m	7499	Central	419.875	4028.875	1080	250	250	0
1377	8499a	7499	Central	419.125	4028.125	1079	250	250	0
1378	8499b	7499	Central	419.375	4028.125	1079	250	250	0
1379	8499c	7499	Central	419.625	4028.125	1081	250	250	0
1380	7518a	7518	Central	415.625	4026.625	1078	250	250	0
1381	7518aa	7518	Central	415.625	4028.375	1074	250	250	0
1382	7518ab	7518	Central	415.875	4028.375	1075	250	250	0
1383	7518b	7518	Central	415.625	4026.875	1077	250	250	0
1384	7518c	7518	Central	415.375	4027.125	1076	250	250	0
1385	7518d	7518	Central	415.625	4027.125	1076	250	250	0
1386	7518e	7518	Central	415.875	4027.125	1076	250	250	0
1387	7518f	7518	Central	414.625	4027.375	1075	250	250	0
1388	7518g	7518	Central	414.875	4027.375	1075	250	250	0
1389	7518h	7518	Central	415.125	4027.375	1075	250	250	0
1390	7518i	7518	Central	415.375	4027.375	1076	250	250	0
1391	7518j	7518	Central	415.625	4027.375	1076	250	250	0
1392	7518k	7518	Central	414.625	4027.625	1074	250	250	0
1393	7518l	7518	Central	414.875	4027.625	1075	250	250	0
1394	7518m	7518	Central	415.125	4027.625	1075	250	250	0
1395	7518n	7518	Central	415.375	4027.625	1075	250	250	0
1396	7518o	7518	Central	415.625	4027.625	1075	250	250	0
1397	7518p	7518	Central	414.625	4027.875	1074	250	250	0
1398	7518q	7518	Central	414.875	4027.875	1075	250	250	0
1399	7518r	7518	Central	415.125	4027.875	1075	250	250	0
1400	7518s	7518	Central	415.375	4027.875	1075	250	250	0
1401	7518t	7518	Central	415.625	4027.875	1075	250	250	0
1402	7518u	7518	Central	414.875	4028.125	1074	250	250	0
1403	7518v	7518	Central	415.125	4028.125	1074	250	250	0
1404	7518w	7518	Central	415.375	4028.125	1074	250	250	0
1405	7518x	7518	Central	415.625	4028.125	1075	250	250	0
1406	7518y	7518	Central	415.875	4028.125	1075	250	250	0
1407	7518z	7518	Central	415.375	4028.375	1074	250	250	0
1408	7519a	7519	Central	416.125	4027.125	1076	250	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1409	7519b	7519	Central	416.375	4027.125	1076	250	250	0
1410	7519c	7519	Central	416.625	4027.125	1076	250	250	0
1411	7519d	7519	Central	416.875	4027.125	1076	250	250	0
1412	7519e	7519	Central	415.875	4027.375	1076	250	250	0
1413	7519f	7519	Central	416.125	4027.375	1076	250	250	0
1414	7519g	7519	Central	416.375	4027.375	1076	250	250	0
1415	7519h	7519	Central	416.625	4027.375	1076	250	250	0
1416	7519i	7519	Central	416.875	4027.375	1076	250	250	0
1417	7519j	7519	Central	417.125	4027.375	1075	250	250	0
1418	7519k	7519	Central	416.375	4027.625	1076	250	250	0
1419	7519l	7519	Central	416.625	4027.625	1076	250	250	0
1420	7519m	7519	Central	416.875	4027.625	1076	250	250	0
1421	7519n	7519	Central	416.375	4027.875	1076	250	250	0
1422	7519o	7519	Central	416.625	4027.875	1076	250	250	0
1423	7519p	7519	Central	416.875	4027.875	1077	250	250	0
1424	7520a	7520	Central	417.375	4027.125	1075	250	250	0
1425	7520b	7520	Central	417.625	4027.125	1075	250	250	0
1426	7520c	7520	Central	417.875	4027.125	1076	250	250	0
1427	7520d	7520	Central	417.375	4027.375	1075	250	250	0
1428	7520e	7520	Central	417.625	4027.375	1075	250	250	0
1429	7520f	7520	Central	417.875	4027.375	1076	250	250	0
1430	7520g	7520	Central	417.375	4027.625	1076	250	250	0
1431	7520h	7520	Central	417.625	4027.625	1076	250	250	0
1432	7520i	7520	Central	417.875	4027.625	1076	250	250	0
1433	7520j	7520	Central	417.375	4027.875	1077	250	250	0
1434	7520k	7520	Central	417.625	4027.875	1077	250	250	0
1435	7520l	7520	Central	417.875	4027.875	1077	250	250	0
1436	7520m	7520	Central	417.125	4027.625	1076	250	250	0
1437	7520n	7520	Central	417.125	4027.875	1077	250	250	0
1438	7520o	7520	Central	417.125	4027.125	1076	250	250	0
1439	7521a	7521	Central	418.125	4027.125	1076	250	250	0
1440	7521b	7521	Central	418.375	4027.125	1076	250	250	0
1441	7521c	7521	Central	418.625	4027.125	1077	250	250	0
1442	7521d	7521	Central	418.875	4027.125	1078	250	250	0
1443	7521e	7521	Central	418.125	4027.375	1076	250	250	0
1444	7521f	7521	Central	418.375	4027.375	1076	250	250	0
1445	7521g	7521	Central	418.625	4027.375	1077	250	250	0
1446	7521h	7521	Central	418.875	4027.375	1078	250	250	0
1447	7521i	7521	Central	418.125	4027.625	1076	250	250	0
1448	7521j	7521	Central	418.375	4027.625	1076	250	250	0
1449	7521k	7521	Central	418.625	4027.625	1077	250	250	0
1450	7521l	7521	Central	418.875	4027.625	1078	250	250	0
1451	7521m	7521	Central	418.125	4027.875	1077	250	250	0
1452	7521n	7521	Central	418.375	4027.875	1077	250	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1453	7521o	7521	Central	418.625	4027.875	1077	250	250	0
1454	7521p	7521	Central	418.875	4027.875	1078	250	250	0
1455	7522a	7522	Central	419.125	4027.125	1078	250	250	0
1456	7522b	7522	Central	419.375	4027.125	1079	250	250	0
1457	7522c	7522	Central	419.625	4027.125	1082	250	250	0
1458	7522d	7522	Central	419.125	4027.375	1078	250	250	0
1459	7522e	7522	Central	419.375	4027.375	1079	250	250	0
1460	7522f	7522	Central	419.625	4027.375	1082	250	250	0
1461	7522g	7522	Central	419.125	4027.625	1079	250	250	0
1462	7522h	7522	Central	419.375	4027.625	1079	250	250	0
1463	7522i	7522	Central	419.625	4027.625	1082	250	250	0
1464	7522j	7522	Central	419.125	4027.875	1079	250	250	0
1465	7522k	7522	Central	419.375	4027.875	1079	250	250	0
1466	7522l	7522	Central	419.625	4027.875	1081	250	250	0
1467	7522m	7522	Central	419.875	4027.625	1085	250	250	0
1468	7540a	7540	Central	414.125	4026.125	1077	250	250	0
1469	7540b	7540	Central	414.375	4026.125	1077	250	250	0
1470	7540c	7540	Central	414.125	4026.375	1076	250	250	0
1471	7540d	7540	Central	414.375	4026.375	1076	250	250	0
1472	7540e	7540	Central	414.625	4026.375	1077	250	250	0
1473	7540f	7540	Central	414.125	4026.625	1075	250	250	0
1474	7540g	7540	Central	414.375	4026.625	1076	250	250	0
1475	7540h	7540	Central	414.625	4026.625	1077	250	250	0
1476	7540i	7540	Central	414.875	4026.625	1077	250	250	0
1477	7540j	7540	Central	414.125	4026.875	1074	250	250	0
1478	7540k	7540	Central	414.375	4026.875	1075	250	250	0
1479	7540l	7540	Central	414.625	4026.875	1076	250	250	0
1480	7540m	7540	Central	414.875	4026.875	1076	250	250	0
1481	7541a	7541	Central	414.625	4026.125	1077	250	250	0
1482	7541b	7541	Central	414.875	4026.125	1077	250	250	0
1483	7541c	7541	Central	415.125	4026.125	1077	250	250	0
1484	7541d	7541	Central	415.375	4026.125	1077	250	250	0
1485	7541e	7541	Central	415.625	4026.125	1077	250	250	0
1486	7541f	7541	Central	415.875	4026.125	1077	250	250	0
1487	7541g	7541	Central	414.875	4026.375	1077	250	250	0
1488	7541h	7541	Central	415.125	4026.375	1078	250	250	0
1489	7541i	7541	Central	415.375	4026.375	1078	250	250	0
1490	7541j	7541	Central	415.625	4026.375	1078	250	250	0
1491	7541k	7541	Central	415.875	4026.375	1078	250	250	0
1492	7541l	7541	Central	415.125	4026.625	1077	250	250	0
1493	7541m	7541	Central	415.375	4026.625	1078	250	250	0
1494	7541n	7541	Central	415.875	4026.625	1078	250	250	0
1495	7541o	7541	Central	415.125	4026.875	1077	250	250	0
1496	7541p	7541	Central	415.375	4026.875	1077	250	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1497	7541q	7541	Central	415.875	4026.875	1077	250	250	0
1498	7541r	7541	Central	415.125	4027.125	1076	250	250	0
1499	7542a	7542	Central	416.125	4026.125	1077	250	250	0
1500	7542b	7542	Central	416.375	4026.125	1077	250	250	0
1501	7542c	7542	Central	416.625	4026.125	1077	250	250	0
1502	7542d	7542	Central	416.875	4026.125	1077	250	250	0
1503	7542e	7542	Central	416.125	4026.375	1077	250	250	0
1504	7542f	7542	Central	416.375	4026.375	1077	250	250	0
1505	7542g	7542	Central	416.625	4026.375	1077	250	250	0
1506	7542h	7542	Central	416.875	4026.375	1077	250	250	0
1507	7542i	7542	Central	416.125	4026.625	1077	250	250	0
1508	7542j	7542	Central	416.375	4026.625	1077	250	250	0
1509	7542k	7542	Central	416.625	4026.625	1077	250	250	0
1510	7542l	7542	Central	416.875	4026.625	1076	250	250	0
1511	7542m	7542	Central	416.125	4026.875	1077	250	250	0
1512	7542n	7542	Central	416.375	4026.875	1077	250	250	0
1513	7542o	7542	Central	416.625	4026.875	1076	250	250	0
1514	7542p	7542	Central	416.875	4026.875	1076	250	250	0
1515	7542q	7542	Central	417.125	4026.375	1076	250	250	0
1516	7543a	7543	Central	417.375	4026.375	1076	250	250	0
1517	7543b	7543	Central	417.625	4026.375	1076	250	250	0
1518	7543c	7543	Central	417.375	4026.625	1075	250	250	0
1519	7543d	7543	Central	417.625	4026.625	1075	250	250	0
1520	7543e	7543	Central	417.375	4026.875	1075	250	250	0
1521	7543f	7543	Central	417.625	4026.875	1075	250	250	0
1522	7543g	7543	Central	417.125	4026.625	1076	250	250	0
1523	7543h	7543	Central	417.125	4026.875	1076	250	250	0
1524	7543i	7543	Central	417.625	4026.125	1077	250	250	0
1525	7543j	7543	Central	417.375	4026.125	1077	250	250	0
1526	7544a	7544	Central	418.375	4026.375	1076	250	250	0
1527	7544b	7544	Central	418.625	4026.375	1077	250	250	0
1528	7544c	7544	Central	418.875	4026.375	1078	250	250	0
1529	7544d	7544	Central	418.375	4026.625	1076	250	250	0
1530	7544e	7544	Central	418.625	4026.625	1077	250	250	0
1531	7544f	7544	Central	418.875	4026.625	1078	250	250	0
1532	7544g	7544	Central	418.375	4026.875	1076	250	250	0
1533	7544h	7544	Central	418.625	4026.875	1077	250	250	0
1534	7544i	7544	Central	418.875	4026.875	1078	250	250	0
1535	7544j	7544	Central	418.375	4026.125	1077	250	250	0
1536	7544k	7544	Central	418.625	4026.125	1078	250	250	0
1537	7545a	7545	Central	419.125	4026.375	1079	250	250	0
1538	7545b	7545	Central	419.375	4026.375	1080	250	250	0
1539	7545c	7545	Central	419.125	4026.625	1078	250	250	0
1540	7545d	7545	Central	419.375	4026.625	1079	250	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1541	7545e	7545	Central	419.625	4026.625	1082	250	250	0
1542	7545f	7545	Central	419.125	4026.875	1078	250	250	0
1543	7545g	7545	Central	419.375	4026.875	1079	250	250	0
1544	7545h	7545	Central	419.625	4026.875	1082	250	250	0
1545	7561a	7561	Central	412.125	4025.125	1079	250	250	0
1546	7561b	7561	Central	412.375	4025.125	1079	250	250	0
1547	7561d	7561	Central	412.625	4025.125	1079	250	250	0
1548	7561e	7561	Central	412.875	4025.125	1080	250	250	0
1549	7561f	7561	Central	412.625	4025.375	1080	250	250	0
1550	7561g	7561	Central	412.875	4025.375	1080	250	250	0
1551	7562a	7562	Central	413.125	4025.125	1080	250	250	0
1552	7562b	7562	Central	413.375	4025.125	1081	250	250	0
1553	7562c	7562	Central	413.625	4025.125	1081	250	250	0
1554	7562d	7562	Central	413.875	4025.125	1080	250	250	0
1555	7562e	7562	Central	413.125	4025.375	1081	250	250	0
1556	7562f	7562	Central	413.375	4025.375	1081	250	250	0
1557	7562g	7562	Central	413.625	4025.375	1081	250	250	0
1558	7562h	7562	Central	413.875	4025.375	1080	250	250	0
1559	7562i	7562	Central	413.125	4025.625	1080	250	250	0
1560	7562j	7562	Central	413.375	4025.625	1080	250	250	0
1561	7562k	7562	Central	413.625	4025.625	1080	250	250	0
1562	7562l	7562	Central	413.875	4025.625	1079	250	250	0
1563	7562m	7562	Central	413.625	4025.875	1079	250	250	0
1564	7562n	7562	Central	413.875	4025.875	1078	250	250	0
1565	7563a	7563	Central	413.875	4024.875	1080	250	250	0
1566	7563b	7563	Central	414.125	4025.125	1079	250	250	0
1567	7563c	7563	Central	414.375	4025.375	1078	250	250	0
1568	7563d	7563	Central	414.625	4025.375	1077	250	250	0
1569	7563e	7563	Central	414.375	4025.625	1077	250	250	0
1570	7563f	7563	Central	414.625	4025.625	1076	250	250	0
1571	7563g	7563	Central	414.375	4025.875	1077	250	250	0
1572	7564a	7564	Central	414.875	4025.125	1077	250	250	0
1573	7564b	7564	Central	415.125	4025.125	1077	250	250	0
1574	7564c	7564	Central	415.375	4025.125	1077	250	250	0
1575	7564d	7564	Central	415.625	4025.125	1077	250	250	0
1576	7564e	7564	Central	415.875	4025.125	1078	250	250	0
1577	7564f	7564	Central	414.875	4025.375	1077	250	250	0
1578	7564g	7564	Central	415.125	4025.375	1076	250	250	0
1579	7564h	7564	Central	415.375	4025.375	1076	250	250	0
1580	7564i	7564	Central	415.625	4025.375	1076	250	250	0
1581	7564j	7564	Central	415.875	4025.375	1077	250	250	0
1582	7564k	7564	Central	414.875	4025.625	1076	250	250	0
1583	7564l	7564	Central	415.125	4025.625	1076	250	250	0
1584	7564m	7564	Central	415.375	4025.625	1076	250	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1585	7564n	7564	Central	415.625	4025.625	1076	250	250	0
1586	7564o	7564	Central	415.875	4025.625	1077	250	250	0
1587	7564p	7564	Central	414.625	4025.875	1077	250	250	0
1588	7564q	7564	Central	414.875	4025.875	1077	250	250	0
1589	7564r	7564	Central	415.125	4025.875	1077	250	250	0
1590	7564s	7564	Central	415.375	4025.875	1076	250	250	0
1591	7564t	7564	Central	415.625	4025.875	1077	250	250	0
1592	7564u	7564	Central	415.875	4025.875	1077	250	250	0
1593	7565a	7565	Central	416.125	4025.125	1078	250	250	0
1594	7565b	7565	Central	416.125	4025.375	1078	250	250	0
1595	7565c	7565	Central	416.375	4025.375	1078	250	250	0
1596	7565d	7565	Central	416.125	4025.625	1077	250	250	0
1597	7565e	7565	Central	416.375	4025.625	1078	250	250	0
1598	7565f	7565	Central	416.625	4025.625	1078	250	250	0
1599	7565g	7565	Central	416.125	4025.875	1077	250	250	0
1600	7565h	7565	Central	416.375	4025.875	1078	250	250	0
1601	7565i	7565	Central	416.625	4025.875	1078	250	250	0
1602	7566a	7566	Central	417.625	4025.625	1079	250	250	0
1603	7566b	7566	Central	417.875	4025.5625	1079	250	125	0
1604	8566a	7566	Central	417.625	4025.875	1078	250	250	0
1605	8566b	7566	Central	417.875	4025.875	1078	250	250	0
1606	8566c	7566	Central	417.875	4025.6875	1079	250	125	0
1607	7567a	7567	Central	418.375	4025.750	1079	250	250	0
1608	8567a	7567	Central	418.125	4025.875	1078	250	250	0
1609	8567b	7567	Central	418.375	4025.9375	1078	250	125	0
1610	8567c	7567	Central	418.625	4025.938	1079	250	125	0
1611	7584a	7584	Central	412.125	4023.625	1078	250	250	0
1612	7584b	7584	Central	412.125	4023.875	1078	250	250	0
1613	7584c	7584	Central	412.125	4024.125	1079	250	250	0
1614	7584d	7584	Central	412.375	4024.125	1078	250	250	0
1615	7584e	7584	Central	412.125	4024.375	1079	250	250	0
1616	7584f	7584	Central	412.375	4024.375	1078	250	250	0
1617	7584g	7584	Central	412.625	4024.375	1079	250	250	0
1618	7584h	7584	Central	412.125	4024.625	1079	250	250	0
1619	7584i	7584	Central	412.375	4024.625	1079	250	250	0
1620	7584j	7584	Central	412.625	4024.625	1079	250	250	0
1621	7584k	7584	Central	412.875	4024.625	1079	250	250	0
1622	7584l	7584	Central	412.125	4024.875	1079	250	250	0
1623	7584m	7584	Central	412.375	4024.875	1079	250	250	0
1624	7584n	7584	Central	412.625	4024.875	1079	250	250	0
1625	7584o	7584	Central	412.875	4024.875	1080	250	250	0
1626	7585a	7585	Central	412.625	4024.125	1079	250	250	0
1627	7585b	7585	Central	412.875	4024.125	1080	250	250	0
1628	7585c	7585	Central	413.125	4024.125	1081	250	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1629	7585d	7585	Central	413.375	4024.125	1082	250	250	0
1630	7585e	7585	Central	413.625	4024.125	1082	250	250	0
1631	7585f	7585	Central	413.875	4024.125	1082	250	250	0
1632	7585g	7585	Central	412.875	4024.375	1079	250	250	0
1633	7585h	7585	Central	413.125	4024.375	1080	250	250	0
1634	7585i	7585	Central	413.375	4024.375	1081	250	250	0
1635	7585j	7585	Central	413.625	4024.375	1081	250	250	0
1636	7585k	7585	Central	413.875	4024.375	1081	250	250	0
1637	7585l	7585	Central	413.125	4024.625	1080	250	250	0
1638	7585m	7585	Central	413.375	4024.625	1080	250	250	0
1639	7585n	7585	Central	413.625	4024.625	1080	250	250	0
1640	7585o	7585	Central	413.875	4024.625	1080	250	250	0
1641	7585p	7585	Central	413.125	4024.875	1080	250	250	0
1642	7585q	7585	Central	413.375	4024.875	1081	250	250	0
1643	7585r	7585	Central	413.625	4024.875	1081	250	250	0
1644	7586a	7586	Central	414.125	4024.125	1081	250	250	0
1645	7586aa	7586	Central	415.375	4024.625	1078	250	250	0
1646	7586b	7586	Central	414.375	4024.125	1081	250	250	0
1647	7586c	7586	Central	414.625	4024.125	1081	250	250	0
1648	7586d	7586	Central	414.875	4024.125	1081	250	250	0
1649	7586e	7586	Central	414.125	4024.375	1080	250	250	0
1650	7586f	7586	Central	414.375	4024.375	1080	250	250	0
1651	7586g	7586	Central	414.625	4024.375	1080	250	250	0
1652	7586h	7586	Central	414.875	4024.375	1080	250	250	0
1653	7586i	7586	Central	414.125	4024.625	1080	250	250	0
1654	7586j	7586	Central	414.375	4024.625	1080	250	250	0
1655	7586k	7586	Central	414.625	4024.625	1079	250	250	0
1656	7586l	7586	Central	414.875	4024.625	1079	250	250	0
1657	7586m	7586	Central	414.125	4024.875	1079	250	250	0
1658	7586n	7586	Central	414.375	4024.875	1079	250	250	0
1659	7586o	7586	Central	414.625	4024.875	1079	250	250	0
1660	7586p	7586	Central	414.875	4024.875	1078	250	250	0
1661	7586q	7586	Central	414.375	4025.125	1078	250	250	0
1662	7586r	7586	Central	414.625	4025.125	1078	250	250	0
1663	7586s	7586	Central	415.125	4024.125	1081	250	250	0
1664	7586t	7586	Central	415.375	4024.125	1082	250	250	0
1665	7586u	7586	Central	415.625	4024.125	1082	250	250	0
1666	7586v	7586	Central	415.875	4024.125	1083	250	250	0
1667	7586w	7586	Central	415.125	4024.375	1080	250	250	0
1668	7586x	7586	Central	415.375	4024.375	1080	250	250	0
1669	7586y	7586	Central	415.625	4024.375	1080	250	250	0
1670	7586z	7586	Central	415.125	4024.625	1079	250	250	0
1671	7587a	7587	Central	415.625	4024.625	1079	250	250	0
1672	7587b	7587	Central	415.875	4024.625	1079	250	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1673	7587c	7587	Central	415.125	4024.875	1078	250	250	0
1674	7587d	7587	Central	415.375	4024.875	1078	250	250	0
1675	7587e	7587	Central	415.625	4024.875	1078	250	250	0
1676	7587f	7587	Central	415.875	4024.875	1079	250	250	0
1677	7588a	7588	Central	416.125	4024.125	1083	250	250	0
1678	7588b	7588	Central	416.375	4024.125	1084	250	250	0
1679	7588c	7588	Central	416.625	4024.125	1084	250	250	0
1680	7588d	7588	Central	416.125	4024.375	1081	250	250	0
1681	7588e	7588	Central	416.375	4024.375	1082	250	250	0
1682	7588f	7588	Central	416.625	4024.375	1083	250	250	0
1683	7588g	7588	Central	416.125	4024.625	1080	250	250	0
1684	7588h	7588	Central	416.375	4024.625	1081	250	250	0
1685	7588i	7588	Central	416.625	4024.625	1082	250	250	0
1686	7588j	7588	Central	416.375	4024.875	1080	250	250	0
1687	7588k	7588	Central	416.625	4024.875	1081	250	250	0
1688	7588l	7588	Central	416.875	4024.875	1081	250	250	0
1689	7588m	7588	Central	416.875	4024.625	1082	250	250	0
1690	7588n	7588	Central	415.875	4024.375	1081	250	250	0
1691	7588o	7588	Central	416.875	4024.375	1084	250	250	0
1692	7588p	7588	Central	416.125	4024.875	1079	250	250	0
1693	7588q	7588	Central	416.375	4023.875	1085	250	250	0
1694	7588r	7588	Central	416.625	4023.875	1086	250	250	0
1695	7589a	7589	Central	417.125	4024.125	1086	250	250	0
1696	7589b	7589	Central	417.375	4024.125	1087	250	250	0
1697	7589c	7589	Central	417.625	4024.125	1090	250	250	0
1698	7589d	7589	Central	417.875	4024.125	1093	250	250	0
1699	7589e	7589	Central	417.125	4024.375	1085	250	250	0
1700	7589f	7589	Central	417.375	4024.375	1085	250	250	0
1701	7589g	7589	Central	417.625	4024.375	1087	250	250	0
1702	7589h	7589	Central	417.875	4024.375	1089	250	250	0
1703	7589i	7589	Central	417.125	4024.625	1083	250	250	0
1704	7589j	7589	Central	417.375	4024.625	1084	250	250	0
1705	7589k	7589	Central	417.625	4024.625	1085	250	250	0
1706	7589l	7589	Central	417.875	4024.625	1086	250	250	0
1707	7589m	7589	Central	417.125	4024.875	1082	250	250	0
1708	7589n	7589	Central	417.375	4024.875	1083	250	250	0
1709	7589o	7589	Central	417.625	4024.875	1083	250	250	0
1710	7589p	7589	Central	417.875	4024.875	1084	250	250	0
1711	7589q	7589	Central	416.875	4024.125	1085	250	250	0
1712	7604a	7604	South	409.125	4023.125	1100	250	250	0
1713	7604b	7604	South	409.375	4023.125	1094	250	250	0
1714	7604c	7604	South	409.125	4023.375	1101	250	250	0
1715	7604d	7604	South	409.375	4023.375	1095	250	250	0
1716	7604e	7604	South	409.125	4023.625	1101	250	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1717	7604f	7604	South	409.375	4023.625	1095	250	250	0
1718	7604g	7604	South	409.625	4023.125	1090	250	250	0
1719	7604h	7604	South	409.625	4023.375	1090	250	250	0
1720	7604i	7604	South	409.125	4023.875	1101	250	250	0
1721	7604j	7604	South	409.875	4023.125	1087	250	250	0
1722	7605a	7605	South	410.125	4023.375	1083	250	250	0
1723	7605b	7605	South	410.375	4023.375	1079	250	250	0
1724	7605c	7605	South	410.625	4023.375	1078	250	250	0
1725	7605d	7605	South	410.875	4023.375	1078	250	250	0
1726	7605e	7605	South	410.125	4023.625	1083	250	250	0
1727	7605f	7605	South	410.375	4023.625	1079	250	250	0
1728	7605g	7605	South	410.625	4023.625	1077	250	250	0
1729	7605h	7605	South	410.875	4023.625	1078	250	250	0
1730	7605i	7605	South	410.125	4023.875	1083	250	250	0
1731	7605j	7605	South	410.375	4023.875	1080	250	250	0
1732	7605k	7605	South	410.625	4023.875	1078	250	250	0
1733	7605l	7605	South	410.875	4023.875	1078	250	250	0
1734	7606a	7606	South	411.125	4023.125	1080	250	250	0
1735	7606b	7606	South	411.375	4023.125	1080	250	250	0
1736	7606c	7606	South	411.625	4023.125	1080	250	250	0
1737	7606d	7606	South	411.125	4023.375	1079	250	250	0
1738	7606e	7606	South	411.375	4023.375	1079	250	250	0
1739	7606f	7606	South	411.625	4023.375	1079	250	250	0
1740	7606g	7606	South	411.875	4023.375	1079	250	250	0
1741	8606a	7606	South	411.875	4023.125	1079	250	250	0
1742	8606b	7606	South	412.125	4023.125	1079	250	250	0
1743	8606c	7606	South	412.125	4023.375	1078	250	250	0
1744	7607a	7607	South	412.375	4023.125	1078	250	250	0
1745	7607b	7607	South	412.625	4023.125	1078	250	250	0
1746	7607c	7607	South	412.875	4023.125	1080	250	250	0
1747	7607d	7607	South	412.375	4023.375	1078	250	250	0
1748	7607e	7607	South	412.625	4023.375	1079	250	250	0
1749	7607f	7607	South	412.875	4023.375	1080	250	250	0
1750	7607g	7607	South	412.375	4023.625	1078	250	250	0
1751	7607h	7607	South	412.625	4023.625	1079	250	250	0
1752	7607i	7607	South	412.875	4023.625	1080	250	250	0
1753	7607j	7607	South	412.375	4023.875	1078	250	250	0
1754	7607k	7607	South	412.625	4023.875	1079	250	250	0
1755	7607l	7607	South	412.875	4023.875	1080	250	250	0
1756	7607m	7607	South	412.125	4022.125	1080	250	250	0
1757	7607n	7607	South	412.375	4022.125	1079	250	250	0
1758	7607o	7607	South	412.625	4022.125	1079	250	250	0
1759	7607p	7607	South	412.875	4022.125	1080	250	250	0
1760	7607q	7607	South	412.375	4022.375	1079	250	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1761	7607r	7607	South	412.625	4022.375	1078	250	250	0
1762	7607s	7607	South	412.875	4022.375	1079	250	250	0
1763	7607t	7607	South	412.625	4022.625	1078	250	250	0
1764	7607u	7607	South	412.875	4022.625	1079	250	250	0
1765	7607v	7607	South	412.375	4022.875	1078	250	250	0
1766	7607w	7607	South	412.625	4022.875	1078	250	250	0
1767	7607x	7607	South	412.875	4022.875	1080	250	250	0
1768	7608a	7608	South	413.125	4023.125	1082	250	250	0
1769	7608b	7608	South	413.375	4023.125	1083	250	250	0
1770	7608c	7608	South	413.625	4023.125	1084	250	250	0
1771	7608d	7608	South	413.875	4023.125	1084	250	250	0
1772	7608e	7608	South	413.125	4023.375	1082	250	250	0
1773	7608f	7608	South	413.375	4023.375	1084	250	250	0
1774	7608g	7608	South	413.625	4023.375	1085	250	250	0
1775	7608h	7608	South	413.875	4023.375	1084	250	250	0
1776	7608i	7608	South	413.125	4023.625	1082	250	250	0
1777	7608j	7608	South	413.375	4023.625	1084	250	250	0
1778	7608k	7608	South	413.625	4023.625	1084	250	250	0
1779	7608l	7608	South	413.875	4023.625	1084	250	250	0
1780	7608m	7608	South	413.125	4023.875	1081	250	250	0
1781	7608n	7608	South	413.375	4023.875	1083	250	250	0
1782	7608o	7608	South	413.625	4023.875	1083	250	250	0
1783	7608p	7608	South	413.875	4023.875	1083	250	250	0
1784	7609a	7609	South	414.125	4023.125	1084	250	250	0
1785	7609b	7609	South	414.375	4023.125	1084	250	250	0
1786	7609c	7609	South	414.625	4023.125	1084	250	250	0
1787	7609d	7609	South	414.875	4023.125	1085	250	250	0
1788	7609e	7609	South	414.125	4023.375	1083	250	250	0
1789	7609f	7609	South	414.375	4023.375	1083	250	250	0
1790	7609g	7609	South	414.625	4023.375	1083	250	250	0
1791	7609h	7609	South	414.875	4023.375	1084	250	250	0
1792	7609i	7609	South	414.125	4023.625	1083	250	250	0
1793	7609j	7609	South	414.375	4023.625	1082	250	250	0
1794	7609k	7609	South	414.625	4023.625	1082	250	250	0
1795	7609l	7609	South	414.875	4023.625	1083	250	250	0
1796	7609m	7609	South	414.125	4023.875	1082	250	250	0
1797	7609n	7609	South	414.375	4023.875	1082	250	250	0
1798	7609o	7609	South	414.625	4023.875	1082	250	250	0
1799	7609p	7609	South	414.875	4023.875	1082	250	250	0
1800	7610a	7610	Central	415.125	4023.125	1086	250	250	0
1801	7610b	7610	Central	415.375	4023.125	1087	250	250	0
1802	7610c	7610	Central	415.625	4023.125	1088	250	250	0
1803	7610d	7610	Central	416.125	4023.125	1089	250	250	0
1804	7610e	7610	Central	415.125	4023.375	1085	250	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1805	7610f	7610	Central	415.375	4023.375	1086	250	250	0
1806	7610g	7610	Central	415.625	4023.375	1087	250	250	0
1807	7610h	7610	Central	415.875	4023.375	1087	250	250	0
1808	7610i	7610	Central	416.125	4023.375	1088	250	250	0
1809	7610j	7610	Central	416.375	4023.375	1088	250	250	0
1810	7610k	7610	Central	415.125	4023.625	1084	250	250	0
1811	7610l	7610	Central	415.375	4023.625	1085	250	250	0
1812	7610m	7610	Central	415.625	4023.625	1086	250	250	0
1813	7610n	7610	Central	415.875	4023.625	1086	250	250	0
1814	7610o	7610	Central	416.125	4023.625	1086	250	250	0
1815	7610p	7610	Central	416.375	4023.625	1086	250	250	0
1816	7610q	7610	Central	416.625	4023.625	1087	250	250	0
1817	7610r	7610	Central	415.125	4023.875	1083	250	250	0
1818	7610s	7610	Central	415.375	4023.875	1083	250	250	0
1819	7610t	7610	Central	415.625	4023.875	1084	250	250	0
1820	7610u	7610	Central	415.875	4023.875	1084	250	250	0
1821	7610v	7610	Central	416.125	4023.875	1085	250	250	0
1822	7611a	7611	Central	416.375	4023.125	1089	250	250	0
1823	7611b	7611	Central	416.625	4023.375	1089	250	250	0
1824	7611c	7611	Central	416.875	4023.375	1091	250	250	0
1825	7627a	7627	South	409.625	4022.125	1087	250	250	0
1826	7627b	7627	South	409.875	4022.125	1085	250	250	0
1827	7627c	7627	South	409.125	4022.375	1098	250	250	0
1828	7627d	7627	South	409.375	4022.375	1092	250	250	0
1829	7627e	7627	South	409.625	4022.375	1089	250	250	0
1830	7627f	7627	South	409.875	4022.375	1087	250	250	0
1831	7627g	7627	South	409.125	4022.625	1098	250	250	0
1832	7627h	7627	South	409.375	4022.625	1093	250	250	0
1833	7627i	7627	South	409.625	4022.625	1090	250	250	0
1834	7627j	7627	South	409.875	4022.625	1087	250	250	0
1835	7627k	7627	South	409.125	4022.875	1099	250	250	0
1836	7627l	7627	South	409.375	4022.875	1094	250	250	0
1837	7627m	7627	South	409.625	4022.875	1090	250	250	0
1838	7627n	7627	South	409.875	4022.875	1087	250	250	0
1839	7628a	7628	South	410.125	4022.125	1084	250	250	0
1840	7628b	7628	South	410.375	4022.125	1082	250	250	0
1841	7628c	7628	South	410.625	4022.125	1081	250	250	0
1842	7628d	7628	South	410.875	4022.125	1082	250	250	0
1843	7628e	7628	South	410.125	4022.375	1085	250	250	0
1844	7628f	7628	South	410.375	4022.375	1083	250	250	0
1845	7628g	7628	South	410.625	4022.375	1082	250	250	0
1846	7628h	7628	South	410.875	4022.375	1082	250	250	0
1847	7628i	7628	South	410.125	4022.625	1085	250	250	0
1848	7628j	7628	South	410.375	4022.625	1083	250	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1849	7628k	7628	South	410.625	4022.625	1082	250	250	0
1850	7628l	7628	South	410.875	4022.625	1082	250	250	0
1851	7628m	7628	South	410.125	4022.875	1084	250	250	0
1852	7628n	7628	South	410.375	4022.875	1081	250	250	0
1853	7628o	7628	South	410.625	4022.875	1080	250	250	0
1854	7628p	7628	South	410.875	4022.875	1081	250	250	0
1855	7628q	7628	South	410.125	4023.125	1084	250	250	0
1856	7628r	7628	South	410.375	4023.125	1080	250	250	0
1857	7628s	7628	South	410.625	4023.125	1079	250	250	0
1858	7628t	7628	South	410.875	4023.125	1079	250	250	0
1859	7629a	7629	South	411.125	4022.625	1082	250	250	0
1860	7629b	7629	South	411.375	4022.625	1082	250	250	0
1861	7629c	7629	South	411.625	4022.625	1082	250	250	0
1862	7629d	7629	South	411.125	4022.875	1081	250	250	0
1863	7629e	7629	South	411.375	4022.875	1081	250	250	0
1864	7629f	7629	South	411.625	4022.875	1081	250	250	0
1865	7629g	7629	South	411.125	4022.125	1083	250	250	0
1866	7629h	7629	South	411.125	4022.375	1082	250	250	0
1867	7629i	7629	South	411.375	4022.375	1083	250	250	0
1868	8629a	7629	South	411.125	4021.875	1083	250	250	0
1869	8629b	7629	South	411.375	4021.875	1084	250	250	0
1870	8629c	7629	South	411.625	4021.875	1084	250	250	0
1871	8629d	7629	South	411.875	4021.875	1082	250	250	0
1872	8629e	7629	South	411.375	4022.125	1083	250	250	0
1873	8629f	7629	South	411.625	4022.125	1083	250	250	0
1874	8629g	7629	South	411.875	4022.125	1082	250	250	0
1875	8629h	7629	South	411.625	4022.375	1082	250	250	0
1876	8629i	7629	South	411.875	4022.375	1081	250	250	0
1877	8629j	7629	South	412.125	4022.375	1080	250	250	0
1878	8629k	7629	South	411.875	4022.625	1080	250	250	0
1879	8629l	7629	South	412.125	4022.625	1079	250	250	0
1880	8629m	7629	South	412.375	4022.625	1078	250	250	0
1881	8629n	7629	South	411.875	4022.875	1080	250	250	0
1882	8629o	7629	South	412.125	4022.875	1079	250	250	0
1883	7631a	7631	South	413.875	4020.625	1082	250	250	0
1884	7631aa	7631	South	413.375	4022.625	1081	250	250	0
1885	7631ab	7631	South	413.625	4022.625	1082	250	250	0
1886	7631ac	7631	South	413.875	4022.625	1083	250	250	0
1887	7631ad	7631	South	413.125	4022.875	1081	250	250	0
1888	7631ae	7631	South	413.375	4022.875	1082	250	250	0
1889	7631af	7631	South	413.625	4022.875	1083	250	250	0
1890	7631ag	7631	South	413.875	4022.875	1084	250	250	0
1891	7631ah	7631	South	413.625	4020.688	1081	250	125	0
1892	7631ai	7631	South	414.063	4020.875	1084	125	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1893	7631b	7631	South	413.125	4020.875	1079	250	250	0
1894	7631c	7631	South	413.375	4020.875	1080	250	250	0
1895	7631d	7631	South	413.625	4020.875	1081	250	250	0
1896	7631e	7631	South	413.875	4020.875	1083	250	250	0
1897	7631f	7631	South	413.125	4021.125	1080	250	250	0
1898	7631g	7631	South	413.375	4021.125	1081	250	250	0
1899	7631h	7631	South	413.625	4021.125	1083	250	250	0
1900	7631i	7631	South	413.875	4021.125	1084	250	250	0
1901	7631j	7631	South	413.125	4021.375	1081	250	250	0
1902	7631k	7631	South	413.375	4021.375	1083	250	250	0
1903	7631l	7631	South	413.625	4021.375	1084	250	250	0
1904	7631m	7631	South	413.875	4021.375	1085	250	250	0
1905	7631n	7631	South	413.125	4021.625	1082	250	250	0
1906	7631o	7631	South	413.375	4021.625	1083	250	250	0
1907	7631p	7631	South	413.625	4021.625	1084	250	250	0
1908	7631q	7631	South	413.875	4021.625	1085	250	250	0
1909	7631r	7631	South	413.125	4021.875	1081	250	250	0
1910	7631s	7631	South	413.375	4021.875	1082	250	250	0
1911	7631t	7631	South	413.125	4022.125	1081	250	250	0
1912	7631u	7631	South	413.375	4022.125	1082	250	250	0
1913	7631v	7631	South	413.125	4022.375	1080	250	250	0
1914	7631w	7631	South	413.375	4022.375	1081	250	250	0
1915	7631x	7631	South	413.625	4022.375	1082	250	250	0
1916	7631y	7631	South	413.875	4022.375	1083	250	250	0
1917	7631z	7631	South	413.125	4022.625	1080	250	250	0
1918	7632a	7632	South	414.125	4021.625	1086	250	250	0
1919	7632b	7632	South	414.375	4021.625	1087	250	250	0
1920	7632c	7632	South	414.125	4021.875	1086	250	250	0
1921	7632d	7632	South	414.375	4021.875	1087	250	250	0
1922	7632e	7632	South	414.125	4022.125	1085	250	250	0
1923	7632f	7632	South	414.375	4022.125	1086	250	250	0
1924	7632g	7632	South	414.125	4022.375	1085	250	250	0
1925	7632h	7632	South	414.375	4022.375	1086	250	250	0
1926	7632i	7632	South	414.625	4022.375	1087	250	250	0
1927	7632j	7632	South	414.125	4022.625	1084	250	250	0
1928	7632k	7632	South	414.375	4022.625	1085	250	250	0
1929	7632l	7632	South	414.625	4022.625	1086	250	250	0
1930	7632m	7632	South	414.875	4022.625	1087	250	250	0
1931	7632n	7632	South	414.125	4022.875	1084	250	250	0
1932	7632o	7632	South	414.375	4022.875	1085	250	250	0
1933	7632p	7632	South	414.625	4022.875	1085	250	250	0
1934	7632q	7632	South	414.875	4022.875	1086	250	250	0
1935	7632r	7632	South	414.063	4021.125	1085	125	250	0
1936	7632s	7632	South	414.063	4021.375	1086	125	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1937	7632t	7632	South	414.563	4022.125	1087	125	250	0
1938	7632u	7632	South	415.063	4022.875	1087	125	250	0
1939	7633a	7633	Central	415.125	4022.125	1090	250	250	0
1940	7633b	7633	Central	415.375	4022.125	1091	250	250	0
1941	7633c	7633	Central	415.375	4022.375	1089	250	250	0
1942	7633d	7633	Central	415.625	4022.375	1090	250	250	0
1943	7633e	7633	Central	415.625	4022.625	1089	250	250	0
1944	7633f	7633	Central	415.625	4022.875	1088	250	250	0
1945	7633g	7633	Central	415.438	4022.625	1089	125	250	0
1946	8633a	7633	Central	415.875	4023.125	1088	250	250	0
1947	8633b	7633	Central	415.813	4022.938	1089	125	125	0
1948	8633c	7633	Central	414.625	4021.875	1088	250	250	0
1949	8633d	7633	Central	414.875	4022.125	1089	250	250	0
1950	8633e	7633	Central	414.875	4022.375	1088	250	250	0
1951	8633f	7633	Central	415.125	4022.375	1089	250	250	0
1952	8633g	7633	Central	415.125	4022.625	1088	250	250	0
1953	8633h	7633	Central	415.375	4022.875	1088	250	250	0
1954	8633i	7633	Central	415.188	4022.875	1087	125	250	0
1955	8633j	7633	Central	415.313	4022.625	1088	125	250	0
1956	8633k	7633	Central	414.688	4022.125	1088	125	250	0
1957	8633l	7633	Central	414.813	4021.875	1089	125	250	0
1958	8633m	7633	Central	414.625	4021.688	1088	250	125	0
1959	7650a	7650	South	409.625	4021.125	1081	250	250	0
1960	7650b	7650	South	409.875	4021.125	1080	250	250	0
1961	7650c	7650	South	409.625	4021.375	1082	250	250	0
1962	7650d	7650	South	409.875	4021.375	1082	250	250	0
1963	7650e	7650	South	409.625	4021.625	1084	250	250	0
1964	7650f	7650	South	409.875	4021.625	1083	250	250	0
1965	7650g	7650	South	409.625	4021.875	1086	250	250	0
1966	7650h	7650	South	409.875	4021.875	1084	250	250	0
1967	7651a	7651	South	410.125	4021.125	1080	250	250	0
1968	7651b	7651	South	410.375	4021.125	1079	250	250	0
1969	7651c	7651	South	410.125	4021.375	1081	250	250	0
1970	7651d	7651	South	410.375	4021.375	1080	250	250	0
1971	7651e	7651	South	410.625	4021.375	1080	250	250	0
1972	7651f	7651	South	410.125	4021.625	1082	250	250	0
1973	7651g	7651	South	410.375	4021.625	1080	250	250	0
1974	7651h	7651	South	410.625	4021.625	1080	250	250	0
1975	7651i	7651	South	410.125	4021.875	1083	250	250	0
1976	7651j	7651	South	410.375	4021.875	1081	250	250	0
1977	7651k	7651	South	410.625	4021.875	1081	250	250	0
1978	7651l	7651	South	410.875	4021.875	1082	250	250	0
1979	7655a	7655	South	414.188	4021.125	1085	125	250	0
1980	7655b	7655	South	414.313	4021.125	1086	125	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1981	7655c	7655	South	414.188	4021.375	1086	125	250	0
1982	7655d	7655	South	414.375	4021.375	1087	250	250	0
1983	7655e	7655	South	414.563	4021.438	1088	125	125	0
1984	7655f	7655	South	414.625	4021.563	1089	250	125	0
1985	7673a	7673	South	409.625	4020.125	1076	250	250	0
1986	7673b	7673	South	409.875	4020.125	1077	250	250	0
1987	7673c	7673	South	409.625	4020.375	1076	250	250	0
1988	7673d	7673	South	409.875	4020.375	1077	250	250	0
1989	7673e	7673	South	409.625	4020.625	1077	250	250	0
1990	7673f	7673	South	409.875	4020.625	1077	250	250	0
1991	7673g	7673	South	409.625	4020.875	1079	250	250	0
1992	7673h	7673	South	409.875	4020.875	1079	250	250	0
1993	7674a	7674	South	410.125	4020.125	1078	250	250	0
1994	7674b	7674	South	410.375	4020.125	1079	250	250	0
1995	7674c	7674	South	410.625	4020.125	1080	250	250	0
1996	7674d	7674	South	410.125	4020.375	1077	250	250	0
1997	7674e	7674	South	410.375	4020.375	1078	250	250	0
1998	7674f	7674	South	410.625	4020.375	1079	250	250	0
1999	7674g	7674	South	410.375	4020.625	1078	250	250	0
2000	7674h	7674	South	410.625	4020.625	1079	250	250	0
2001	7674i	7674	South	410.625	4020.875	1079	250	250	0
2002	7674j	7674	South	410.625	4021.125	1080	250	250	0
2003	7674k	7674	South	410.875	4021.125	1081	250	250	0
2004	7674l	7674	South	410.875	4021.375	1081	250	250	0
2005	7674m	7674	South	410.875	4021.625	1082	250	250	0
2006	7676a	7676	South	412.688	4020.188	1078	125	125	0
2007	7676b	7676	South	412.875	4020.125	1079	250	250	0
2008	7676c	7676	South	412.438	4020.438	1076	125	125	0
2009	7676d	7676	South	412.625	4020.375	1077	250	250	0
2010	7676e	7676	South	412.875	4020.375	1078	250	250	0
2011	7676f	7676	South	412.438	4020.625	1076	125	250	0
2012	7676g	7676	South	412.625	4020.563	1076	250	125	0
2013	7677a	7677	South	413.125	4020.375	1079	250	250	0
2014	7677b	7677	South	413.375	4020.375	1080	250	250	0
2015	7677c	7677	South	413.625	4020.375	1081	250	250	0
2016	7677d	7677	South	413.875	4020.375	1082	250	250	0
2017	7677e	7677	South	413.375	4020.625	1079	250	250	0
2018	7677f	7677	South	413.625	4020.563	1080	250	125	0
2019	7677g	7677	South	413.375	4020.188	1081	250	125	0
2020	7677h	7677	South	413.563	4020.188	1082	125	125	0
2021	7678a	7678	South	414.125	4020.375	1084	250	250	0
2022	7678b	7678	South	414.375	4020.438	1085	250	125	0
2023	8678a	7678	South	414.125	4020.625	1083	250	250	0
2024	8678b	7678	South	414.375	4020.625	1084	250	250	0

Source Area Geometry for July 2004 to June 2005									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
2025	8678c	7678	South	414.188	4020.875	1084	125	250	0
2026	8678d	7678	South	414.375	4020.875	1085	250	250	0
2027	8678e	7678	South	414.438	4021.125	1086	125	250	0
2028	8678f	7678	South	414.125	4020.188	1086	250	125	0
2029	7696a	7696	South	409.375	4019.375	1080	250	250	0
2030	7696b	7696	South	409.375	4019.625	1078	250	250	0
2031	7696c	7696	South	409.625	4019.625	1077	250	250	0
2032	7696d	7696	South	409.375	4019.875	1078	250	250	0
2033	7696e	7696	South	409.625	4019.875	1076	250	250	0
2034	7697a	7697	South	410.125	4019.125	1083	250	250	0
2035	7697b	7697	South	410.375	4019.125	1084	250	250	0
2036	7697c	7697	South	410.125	4019.375	1081	250	250	0
2037	7697d	7697	South	410.375	4019.375	1082	250	250	0
2038	7697e	7697	South	410.625	4019.375	1082	250	250	0
2039	7697f	7697	South	410.875	4019.438	1081	250	125	0
2040	7697g	7697	South	410.125	4019.625	1079	250	250	0
2041	7697h	7697	South	410.375	4019.625	1080	250	250	0
2042	7697i	7697	South	410.625	4019.625	1081	250	250	0
2043	7697j	7697	South	410.875	4019.625	1081	250	250	0
2044	7697k	7697	South	411.063	4019.563	1081	125	125	0
2045	7697l	7697	South	411.125	4019.688	1081	250	125	0
2046	7697m	7697	South	410.125	4019.875	1079	250	250	0
2047	7697o	7697	South	410.375	4019.875	1080	250	250	0
2048	7697p	7697	South	410.625	4019.875	1080	250	250	0
2049	7697q	7697	South	410.875	4019.875	1080	250	250	0
2050	7697r	7697	South	411.125	4019.875	1081	250	250	0
2051	7697s	7697	South	411.313	4019.813	1081	125	125	0
2052	7697t	7697	South	411.375	4019.938	1081	250	125	0

Appendix D: Source Area Configurations

Used for July 2005 through June 2006

Source Area Geometry for July 2005 to June 2006									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1	1450a	1450	North	410.625	4043.625	1096	250	250	0
2	1450b	1450	North	410.875	4043.625	1096	250	250	0
3	1450c	1450	North	410.625	4043.875	1098	250	250	0
4	1450d	1450	North	410.875	4043.875	1097	250	250	0
5	1673a	1673	North	409.625	4042.625	1093	250	250	0
6	1673b	1673	North	409.875	4042.625	1092	250	250	0
7	1673c	1673	North	409.625	4042.875	1095	250	250	0
8	1673d	1673	North	409.875	4042.875	1094	250	250	0
9	1673e	1673	North	410.125	4043.125	1095	250	250	0
10	1673f	1673	North	410.375	4043.125	1094	250	250	0
11	1673g	1673	North	410.125	4043.375	1096	250	250	0
12	1673h	1673	North	410.375	4043.375	1095	250	250	0
13	1730a	1730	North	415.875	4042.4375	1100	250	125	0
14	1730b	1730	North	415.625	4042.625	1100	250	250	0
15	1730c	1730	North	415.875	4042.625	1101	250	250	0
16	1730d	1730	North	415.625	4042.8125	1101	250	125	0
17	1733a	1733	North	415.4375	4042.875	1101	125	250	0
18	1733b	1733	North	415.625	4042.9375	1101	250	125	0
19	1739a	1739	North	415.125	4042.625	1099	250	250	0
20	1739b	1739	North	415.375	4042.6875	1100	250	125	0
21	1739c	1739	North	415.125	4042.875	1100	250	250	0
22	1739d	1739	North	415.3125	4042.875	1100	125	250	0
23	1891a	1891	North	407.8125	4041.9375	1098	125	125	0
24	1891b	1891	North	408.125	4041.625	1096	250	250	0
25	1891c	1891	North	407.9375	4041.875	1097	125	250	0
26	1891d	1891	North	408.125	4041.875	1096	250	250	0
27	1891e	1891	North	407.875	4042.125	1097	250	250	0
28	1891f	1891	North	408.125	4042.125	1096	250	250	0
29	1891g	1891	North	407.875	4042.375	1097	250	250	0
30	1891h	1891	North	408.125	4042.375	1096	250	250	0
31	1891i	1891	North	407.9375	4042.5625	1097	125	125	0
32	1891j	1891	North	408.0625	4042.5625	1097	125	125	0
33	1891k	1891	North	408.3125	4042.375	1096	125	250	0
34	1891l	1891	North	408.3125	4042.125	1096	125	250	0
35	1891m	1891	North	408.3125	4041.875	1095	125	250	0
36	1891n	1891	North	408.3125	4041.625	1095	125	250	0
37	1989a	1989	North	417.125	4041.125	1096	250	250	0
38	1989b	1989	North	417.375	4041.125	1096	250	250	0
39	1989c	1989	North	417.625	4041.125	1097	250	250	0
40	1989d	1989	North	417.875	4041.125	1098	250	250	0
41	1989e	1989	North	417.125	4041.375	1097	250	250	0
42	1989f	1989	North	417.375	4041.375	1098	250	250	0
43	1989g	1989	North	417.625	4041.375	1098	250	250	0
44	1989h	1989	North	417.875	4041.375	1099	250	250	0

Source Area Geometry for July 2005 to June 2006									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
45	1989i	1989	North	417.125	4041.625	1099	250	250	0
46	1989j	1989	North	417.375	4041.625	1099	250	250	0
47	1989k	1989	North	417.625	4041.625	1100	250	250	0
48	1989l	1989	North	417.875	4041.625	1101	250	250	0
49	1989m	1989	North	417.125	4041.875	1101	250	250	0
50	1989n	1989	North	417.375	4041.875	1101	250	250	0
51	1989o	1989	North	417.625	4041.875	1102	250	250	0
52	1989p	1989	North	417.8125	4041.875	1103	125	250	0
53	1989q	1989	North	417.125	4042.125	1103	250	250	0
54	1989r	1989	North	417.375	4042.0625	1103	250	125	0
55	1989s	1989	North	417.625	4042.0625	1104	250	125	0
56	1989t	1989	North	417.125	4040.4375	1091	250	125	0
57	1989u	1989	North	417.125	4040.625	1093	250	250	0
58	1989v	1989	North	417.375	4040.625	1093	250	250	0
59	1989w	1989	North	417.125	4040.875	1094	250	250	0
60	1989x	1989	North	417.375	4040.875	1095	250	250	0
61	1989y	1989	North	417.625	4040.9375	1096	250	125	0
62	2689a	2689	North	418.125	4038.125	1081	250	250	0
63	2689b	2689	North	418.375	4038.125	1081	250	250	0
64	2689c	2689	North	418.625	4038.125	1082	250	250	0
65	2689d	2689	North	418.875	4038.125	1082	250	250	0
66	2689e	2689	North	418.125	4038.375	1082	250	250	0
67	2689f	2689	North	418.375	4038.375	1082	250	250	0
68	2689g	2689	North	418.625	4038.375	1083	250	250	0
69	2689h	2689	North	418.875	4038.375	1083	250	250	0
70	2689i	2689	North	418.125	4038.625	1083	250	250	0
71	2689j	2689	North	418.375	4038.625	1083	250	250	0
72	2689k	2689	North	418.625	4038.625	1084	250	250	0
73	2689l	2689	North	418.875	4038.625	1085	250	250	0
74	2689m	2689	North	418.125	4038.875	1084	250	250	0
75	2689n	2689	North	418.375	4038.875	1085	250	250	0
76	2689o	2689	North	418.625	4038.875	1086	250	250	0
77	2689p	2689	North	418.875	4038.875	1087	250	250	0
78	2821a	2821	Central	408.4375	4037.875	1091	125	250	0
79	2821b	2821	Central	408.625	4037.875	1088	250	250	0
80	2821c	2821	Central	408.875	4037.875	1083	250	250	0
81	2821d	2821	Central	409.125	4037.875	1079	250	250	0
82	2821e	2821	Central	409.3125	4037.875	1075	125	250	0
83	2821f	2821	Central	408.625	4038.125	1089	250	250	0
84	2821g	2821	Central	408.875	4038.125	1084	250	250	0
85	2821h	2821	Central	409.125	4038.125	1080	250	250	0
86	2821i	2821	Central	409.3125	4038.125	1076	125	250	0
87	2821j	2821	Central	409.1875	4038.3125	1079	125	125	0
88	2821k	2821	Central	408.4375	4038.0625	1092	125	125	0

Source Area Geometry for July 2005 to June 2006									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
89	2829a	2829	Central	408.875	4037.375	1081	250	250	0
90	2829b	2829	Central	409.0625	4037.375	1078	125	250	0
91	2829c	2829	Central	408.875	4037.625	1082	250	250	0
92	2829d	2829	Central	409.125	4037.625	1077	250	250	0
93	2931a	2931	North	419.125	4037.125	1079	250	250	0
94	2931b	2931	North	419.375	4037.125	1079	250	250	0
95	2931c	2931	North	419.625	4037.125	1080	250	250	0
96	2931d	2931	North	419.875	4037.125	1080	250	250	0
97	2931e	2931	North	419.125	4037.375	1080	250	250	0
98	2931f	2931	North	419.375	4037.375	1080	250	250	0
99	2931g	2931	North	419.625	4037.375	1080	250	250	0
100	2931h	2931	North	419.875	4037.375	1081	250	250	0
101	2931i	2931	North	419.125	4037.625	1080	250	250	0
102	2931j	2931	North	419.375	4037.625	1081	250	250	0
103	2931k	2931	North	419.625	4037.625	1081	250	250	0
104	2931l	2931	North	419.875	4037.625	1082	250	250	0
105	2931m	2931	North	419.125	4037.875	1082	250	250	0
106	2931n	2931	North	419.375	4037.875	1082	250	250	0
107	2931o	2931	North	419.625	4037.875	1083	250	250	0
108	2931p	2931	North	419.875	4037.875	1083	250	250	0
109	3043a	3043	Central	408.1875	4036.875	1094	125	250	0
110	3043b	3043	Central	408.375	4036.875	1090	250	250	0
111	3043c	3043	Central	408.625	4036.875	1086	250	250	0
112	3043d	3043	Central	408.375	4037.125	1091	250	250	0
113	3043e	3043	Central	408.625	4037.125	1086	250	250	0
114	3051a	3051	Central	408.875	4036.875	1081	250	250	0
115	3051b	3051	Central	409.125	4036.875	1077	250	250	0
116	3051c	3051	Central	408.875	4037.125	1081	250	250	0
117	3051d	3051	Central	409.125	4037.125	1077	250	250	0
118	3273c	3273	Central	408.625	4035.875	1087	250	250	0
119	3273e	3273	Central	408.4375	4036.125	1090	125	250	0
120	3273f	3273	Central	408.625	4036.125	1087	250	250	0
121	3603a	3603	Central	418.5	4034.625	1075	250	250	0
122	3603b	3603	Central	418.1875	4034.875	1075	125	250	0
123	3603c	3603	Central	418.375	4034.875	1075	250	250	0
124	3603d	3603	Central	418.5625	4034.875	1075	125	250	0
125	3603e	3603	Central	418.125	4035.125	1075	250	250	0
126	3603f	3603	Central	418.375	4035.125	1075	250	250	0
127	3603g	3603	Central	418.125	4035.375	1075	250	250	0
128	3603h	3603	Central	418.375	4035.375	1076	250	250	0
129	3603i	3603	Central	418.125	4035.625	1076	250	250	0
130	3603j	3603	Central	418.3125	4035.625	1076	125	250	0
131	3603k	3603	Central	418.125	4035.875	1075	250	250	0
132	3603l	3603	Central	418.125	4036.125	1075	250	250	0

Source Area Geometry for July 2005 to June 2006									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
133	3603m	3603	Central	418.0625	4036.375	1075	125	250	0
134	3603n	3603	Central	418.0625	4036.625	1075	125	250	0
135	3603o	3603	Central	417.9375	4036.875	1076	125	250	0
136	3619a	3619	Central	418.875	4034.125	1076	250	250	0
137	3619b	3619	Central	419.125	4034.125	1077	250	250	0
138	3619c	3619	Central	418.875	4034.375	1076	250	250	0
139	3619d	3619	Central	419.125	4034.375	1078	250	250	0
140	4071a	4071	Central	418.625	4033.1875	1073	250	125	0
141	4071b	4071	Central	418.875	4033.125	1074	250	250	0
142	4071c	4071	Central	418.625	4033.375	1073	250	250	0
143	4071d	4071	Central	418.875	4033.375	1074	250	250	0
144	4071e	4071	Central	418.625	4033.625	1073	250	250	0
145	4071f	4071	Central	418.875	4033.5625	1075	250	125	0
146	4071g	4071	Central	418.6875	4033.875	1074	125	250	0
147	4101a	4101	Central	422.125	4032.875	1081	250	250	0
148	4101b	4101	Central	422.125	4033.0625	1081	250	125	0
149	4103a	4103	Central	422.375	4032.875	1081	250	250	0
150	4103b	4103	Central	422.375	4033.125	1082	250	250	0
151	4103c	4103	Central	422.625	4033.125	1082	250	250	0
152	0109a	4109	Central	421.75	4032.375	1081	250	250	0
153	0109b	4109	Central	421.5625	4032.875	1081	125	250	0
154	0109c	4109	Central	421.5625	4033.0625	1081	125	125	0
155	4109b	4109	Central	421.9375	4032.375	1081	125	250	0
156	4109c	4109	Central	422.125	4032.375	1081	250	250	0
157	4109d	4109	Central	421.6875	4032.625	1081	125	250	0
158	4109e	4109	Central	421.875	4032.625	1081	250	250	0
159	4109f	4109	Central	422.125	4032.625	1081	250	250	0
160	4109g	4109	Central	421.6875	4032.875	1081	125	250	0
161	4109h	4109	Central	421.875	4032.875	1081	250	250	0
162	4109i	4109	Central	421.6875	4033.0625	1081	125	125	0
163	4109j	4109	Central	421.875	4033.0625	1081	250	125	0
164	4111a	4111	Central	422.875	4032.125	1082	250	250	0
165	4111b	4111	Central	422.9375	4032.375	1082	125	250	0
166	4111c	4111	Central	422.875	4032.625	1081	250	250	0
167	4111d	4111	Central	422.875	4032.875	1082	250	250	0
168	4111e	4111	Central	422.625	4032.875	1081	250	250	0
169	4313a	4313	Central	420.625	4031.875	1079	250	250	0
170	4313b	4313	Central	420.875	4031.875	1080	250	250	0
171	4313c	4313	Central	421.125	4031.875	1081	250	250	0
172	4313d	4313	Central	420.625	4032.125	1079	250	250	0
173	4313e	4313	Central	420.875	4032.0625	1080	250	125	0
174	4313f	4313	Central	421.125	4032.0625	1080	250	125	0
175	4313g	4313	Central	420.1875	4032.375	1078	125	250	0
176	4313h	4313	Central	420.375	4032.375	1078	250	250	0

Source Area Geometry for July 2005 to June 2006									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
177	4313i	4313	Central	420.5625	4032.375	1079	125	250	0
178	4313j	4313	Central	420.375	4032.5625	1078	250	125	0
179	4321c	4321	Central	421.9375	4031.875	1082	125	250	0
180	4321d	4321	Central	422.125	4031.875	1082	250	250	0
181	4321e	4321	Central	421.9375	4032.125	1082	125	250	0
182	4321f	4321	Central	422.125	4032.125	1082	250	250	0
183	4323j	4323	Central	422.3125	4031.875	1082	125	250	0
184	4323k	4323	Central	422.4375	4031.9375	1082	125	125	0
185	4323l	4323	Central	422.375	4032.125	1081	250	250	0
186	4323m	4323	Central	422.5625	4032.125	1082	125	250	0
187	4540a	4540	Central	420.625	4030.125	1079	250	250	0
188	4540b	4540	Central	420.875	4030.125	1080	250	250	0
189	4540c	4540	Central	420.625	4030.375	1078	250	250	0
190	4540d	4540	Central	420.875	4030.375	1079	250	250	0
191	4769a	4769	Central	420.0625	4028.6875	1082	125	125	0
192	4769b	4769	Central	420.125	4028.875	1082	250	250	0
193	4769c	4769	Central	420.3125	4028.9375	1083	125	125	0
194	4769d	4769	Central	420.125	4029.125	1081	250	250	0
195	4769e	4769	Central	420.375	4029.125	1082	250	250	0
196	4769f	4769	Central	420.125	4029.375	1079	250	250	0
197	4769g	4769	Central	420.375	4029.375	1081	250	250	0
198	4769h	4769	Central	420.0625	4028.125	1085	125	250	0
199	4769i	4769	Central	420.0625	4028.375	1084	125	250	0
200	4769j	4769	Central	420.1875	4028.4375	1085	125	125	0
201	4769k	4769	Central	420.125	4028.5625	1084	250	125	0
202	4769l	4769	Central	420.1875	4028.6875	1083	125	125	0
203	4769m	4769	Central	420.3125	4028.5625	1085	125	125	0
204	4769n	4769	Central	420.375	4028.6875	1085	250	125	0
205	4769o	4769	Central	420.375	4028.8125	1084	250	125	0
206	4769p	4769	Central	420.4375	4028.9375	1084	125	125	0
207	4773a	4773	Central	420.125	4029.625	1078	250	250	0
208	4773b	4773	Central	420.375	4029.625	1080	250	250	0
209	4773c	4773	Central	420.125	4029.875	1078	250	250	0
210	4773d	4773	Central	420.375	4029.875	1079	250	250	0
211	4971a	4971	Central	416.625	4028.625	1077	250	250	0
212	4971b	4971	Central	416.875	4028.625	1078	250	250	0
213	4971c	4971	Central	416.625	4028.875	1076	250	250	0
214	4971d	4971	Central	416.875	4028.875	1077	250	250	0
215	4973a	4973	Central	417.125	4028.125	1078	250	250	0
216	4973b	4973	Central	417.125	4028.375	1079	250	250	0
217	4973c	4973	Central	417.375	4028.375	1080	250	250	0
218	4973d	4973	Central	417.125	4028.625	1079	250	250	0
219	4973e	4973	Central	417.375	4028.625	1080	250	250	0
220	4973f	4973	Central	417.625	4028.625	1080	250	250	0

Source Area Geometry for July 2005 to June 2006									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
221	4973g	4973	Central	417.875	4028.625	1079	250	250	0
222	4973h	4973	Central	417.125	4028.875	1078	250	250	0
223	4973i	4973	Central	417.375	4028.875	1078	250	250	0
224	4973j	4973	Central	417.625	4028.875	1078	250	250	0
225	4973k	4973	Central	417.875	4028.875	1078	250	250	0
226	5191a	5191	Central	416.125	4028.0625	1076	250	125	0
227	5201a	5201	Central	416.625	4028.125	1077	250	250	0
228	5201b	5201	Central	416.875	4028.125	1078	250	250	0
229	5201c	5201	Central	416.625	4028.375	1078	250	250	0
230	5201d	5201	Central	416.875	4028.375	1078	250	250	0
231	5629a	5629	Central	412.9375	4025.5625	1080	125	125	0
232	5629b	5629	Central	412.6875	4025.3125	1080	125	125	0
233	5629c	5629	Central	412.875	4025.375	1080	250	250	0
234	5641a	5641	Central	414.875	4025.125	1077	250	250	0
235	5641b	5641	Central	414.875	4025.375	1077	250	250	0
236	5641c	5641	Central	414.625	4025.6875	1077	250	125	0
237	5641d	5641	Central	414.875	4025.625	1076	250	250	0
238	5641e	5641	Central	414.625	4025.875	1077	250	250	0
239	5641f	5641	Central	414.875	4025.875	1077	250	250	0
240	5641g	5641	Central	414.625	4026.125	1077	250	250	0
241	5641h	5641	Central	414.875	4026.125	1077	250	250	0
242	5641i	5641	Central	414.625	4026.375	1077	250	250	0
243	5641j	5641	Central	414.875	4026.375	1077	250	250	0
244	5641k	5641	Central	414.6875	4026.625	1077	125	250	0
245	5641l	5641	Central	414.875	4026.625	1077	250	250	0
246	5641n	5641	Central	414.875	4026.875	1076	250	250	0
247	5641o	5641	Central	414.9375	4027.125	1076	125	250	0
248	5650a	5650	Central	416.625	4025.125	1080	250	250	0
249	5650b	5650	Central	416.875	4025.125	1080	250	250	0
250	5650c	5650	Central	416.6875	4025.375	1079	125	250	0
251	5650d	5650	Central	416.875	4025.375	1079	250	250	0
252	5659a	5659	Central	416.125	4025.625	1077	250	250	0
253	5659b	5659	Central	416.375	4025.625	1078	250	250	0
254	5659c	5659	Central	416.125	4025.875	1077	250	250	0
255	5659d	5659	Central	416.375	4025.875	1078	250	250	0
256	5681a	5681	Central	418.875	4025.8125	1081	250	125	0
257	5681b	5681	Central	418.9375	4025.9375	1081	125	125	0
258	5681c	5681	Central	419.125	4025.875	1082	250	250	0
259	5681d	5681	Central	419.125	4026.0625	1081	250	125	0
260	5829a	5829	South	410.125	4024.625	1085	250	250	0
261	5829c	5829	South	410.125	4024.875	1085	250	250	0
262	6061a	6061	South	410.4375	4024.125	1080	125	250	0
263	6061b	6061	South	410.625	4024.125	1079	250	250	0
264	6061c	6061	South	410.875	4024.125	1079	250	250	0

Source Area Geometry for July 2005 to June 2006									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
265	6061d	6061	South	411.125	4024.125	1079	250	250	0
266	6061e	6061	South	411.375	4024.125	1079	250	250	0
267	6061f	6061	South	411.625	4024.125	1079	250	250	0
268	6061g	6061	South	410.4375	4024.3125	1080	125	125	0
269	6061h	6061	South	410.625	4024.3125	1080	250	125	0
270	6061i	6061	South	410.875	4024.375	1080	250	250	0
271	6061j	6061	South	411.125	4024.375	1080	250	250	0
272	6061k	6061	South	411.375	4024.375	1079	250	250	0
273	6061l	6061	South	411.5625	4024.375	1079	125	250	0
274	6061m	6061	South	410.9375	4024.5625	1080	125	125	0
275	6061n	6061	South	411.125	4024.5625	1080	250	125	0
276	6061o	6061	South	411.1875	4024.6875	1079	125	125	0
277	6061p	6061	South	411.375	4024.625	1079	250	250	0
278	6061q	6061	South	411.5625	4024.5625	1079	125	125	0
279	6061r	6061	South	411.25	4024.8125	1079	250	125	0
280	6121a	6121	Central	416.875	4023.625	1089	250	250	0
281	6121b	6121	Central	416.6875	4023.875	1086	125	250	0
282	6121c	6121	Central	416.875	4023.875	1087	250	250	0
283	6121d	6121	Central	416.875	4024.125	1085	250	250	0
284	6121e	6121	Central	417.0625	4024.125	1086	125	250	0
285	6121f	6121	Central	417	4024.375	1084	250	250	0
286	6121g	6121	Central	417.0625	4024.625	1083	125	250	0
287	6121h	6121	Central	417.0625	4024.875	1082	125	250	0
288	6121i	6121	Central	417.0625	4025.125	1081	125	250	0
289	6271a	6271	South	409.125	4022.625	1098	250	250	0
290	6271b	6271	South	409.375	4022.625	1093	250	250	0
291	6271c	6271	South	409.125	4022.875	1099	250	250	0
292	6271d	6271	South	409.375	4022.875	1094	250	250	0
293	6293a	6293	South	411.125	4023.125	1080	250	250	0
294	6293b	6293	South	411.375	4023.125	1080	250	250	0
295	6293c	6293	South	411.125	4023.375	1079	250	250	0
296	6293d	6293	South	411.375	4023.375	1079	250	250	0
297	6473a	6473	Central	416.4375	4029.875	1072	125	250	0
298	6473b	6473	Central	416.625	4029.875	1073	250	250	0
299	6473c	6473	Central	416.875	4029.8125	1073	250	125	0
300	6473d	6473	Central	416.5625	4030.125	1072	125	250	0
301	6500c	6500	South	409.1875	4021.375	1091	125	250	0
302	6500d	6500	South	409.375	4021.375	1086	250	250	0
303	6519a	6519	South	410.125	4021.125	1080	250	250	0
304	6519b	6519	South	410.375	4021.125	1079	250	250	0
305	6519c	6519	South	410.125	4021.375	1081	250	250	0
306	6519d	6519	South	410.375	4021.375	1080	250	250	0
307	6539a	6539	South	410.875	4020.125	1080	250	250	0
308	6539b	6539	South	411.125	4020.125	1081	250	250	0

Source Area Geometry for July 2005 to June 2006									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
309	6539c	6539	South	411.375	4020.1875	1082	250	125	0
310	6539d	6539	South	411.625	4020.1875	1081	250	125	0
311	6539e	6539	South	410.875	4020.375	1080	250	250	0
312	6539f	6539	South	411.125	4020.375	1081	250	250	0
313	6539g	6539	South	411.375	4020.375	1082	250	250	0
314	6539h	6539	South	411.625	4020.375	1082	250	250	0
315	6539i	6539	South	411.8125	4020.375	1080	125	250	0
316	6539j	6539	South	410.875	4020.625	1080	250	250	0
317	6539k	6539	South	411.125	4020.625	1081	250	250	0
318	6539l	6539	South	411.375	4020.625	1082	250	250	0
319	6539m	6539	South	411.625	4020.625	1082	250	250	0
320	6539n	6539	South	411.875	4020.625	1080	250	250	0
321	6539o	6539	South	410.9375	4020.875	1081	125	250	0
322	6539p	6539	South	411.125	4020.875	1082	250	250	0
323	6539q	6539	South	411.375	4020.875	1083	250	250	0
324	6539r	6539	South	411.625	4020.875	1083	250	250	0
325	6539s	6539	South	411.875	4020.875	1081	250	250	0
326	6759a	6759	South	410.88	4020.4125	1080	14	13	0
327	6779a	6779	South	413	4020.4375	1078	250	125	0
328	6779b	6779	South	412.625	4020.6875	1077	250	125	0
329	6779c	6779	South	412.875	4020.625	1077	250	250	0
330	6779d	6779	South	413.125	4020.625	1078	250	250	0
331	6779e	6779	South	413.6875	4020.6875	1081	125	125	0
332	6779f	6779	South	413.875	4020.625	1082	250	250	0
333	6779g	6779	South	412.125	4020.9375	1079	250	125	0
334	6779h	6779	South	412.375	4020.9375	1078	250	125	0
335	6779i	6779	South	412.625	4020.875	1077	250	250	0
336	6779j	6779	South	412.875	4020.875	1078	250	250	0
337	6779k	6779	South	413.125	4020.875	1079	250	250	0
338	6779l	6779	South	413.375	4020.875	1080	250	250	0
339	6779m	6779	South	413.625	4020.875	1081	250	250	0
340	6779n	6779	South	413.875	4020.875	1083	250	250	0
341	6779o	6779	South	414.0625	4020.875	1084	125	250	0
342	6971a	6971	South	409.625	4020.125	1076	250	250	0
343	6971b	6971	South	409.875	4020.125	1077	250	250	0
344	6971c	6971	South	409.625	4020.375	1076	250	250	0
345	6971d	6971	South	409.875	4020.375	1077	250	250	0
346	7144a	7144	North	409.125	4043.0625	1097	250	125	0
347	7144b	7144	North	409.375	4043.125	1097	250	250	0
348	7144c	7144	North	409.625	4043.125	1097	250	250	0
349	7144d	7144	North	409.875	4043.125	1096	250	250	0
350	7144e	7144	North	409.4375	4043.3125	1099	125	125	0
351	7144f	7144	North	409.625	4043.3125	1098	250	125	0
352	7144g	7144	North	409.6875	4043.4375	1099	125	125	0

Source Area Geometry for July 2005 to June 2006									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
353	7144h	7144	North	409.875	4043.375	1097	250	250	0
354	7167a	7167	North	409.125	4042.125	1092	250	250	0
355	7167b	7167	North	409.375	4042.125	1090	250	250	0
356	7167c	7167	North	409.625	4042.125	1089	250	250	0
357	7167d	7167	North	409.875	4042.125	1089	250	250	0
358	7167e	7167	North	409.125	4042.375	1093	250	250	0
359	7167f	7167	North	409.375	4042.375	1091	250	250	0
360	7167g	7167	North	409.625	4042.375	1091	250	250	0
361	7167h	7167	North	409.875	4042.375	1091	250	250	0
362	7167i	7167	North	409.125	4042.625	1094	250	250	0
363	7167j	7167	North	409.375	4042.625	1093	250	250	0
364	7167k	7167	North	409.125	4042.875	1096	250	250	0
365	7167l	7167	North	409.375	4042.875	1095	250	250	0
366	7168a	7168	North	410.125	4042.125	1089	250	250	0
367	7168b	7168	North	410.375	4042.125	1089	250	250	0
368	7168c	7168	North	410.625	4042.125	1089	250	250	0
369	7168d	7168	North	410.125	4042.375	1091	250	250	0
370	7168e	7168	North	410.375	4042.375	1091	250	250	0
371	7168f	7168	North	410.625	4042.375	1091	250	250	0
372	7168g	7168	North	410.125	4042.625	1092	250	250	0
373	7168h	7168	North	410.375	4042.625	1092	250	250	0
374	7168i	7168	North	410.5625	4042.625	1092	125	250	0
375	7168j	7168	North	410.125	4042.875	1093	250	250	0
376	7168k	7168	North	410.375	4042.875	1093	250	250	0
377	7168l	7168	North	410.5625	4042.875	1093	125	250	0
378	7173a	7173	North	415.0625	4041.375	1093	125	250	0
379	7173b	7173	North	415.0625	4041.625	1095	125	250	0
380	7173c	7173	North	415.125	4041.875	1096	250	250	0
381	7173d	7173	North	415.125	4042.125	1097	250	250	0
382	7173e	7173	North	415.375	4042.1875	1098	250	125	0
383	7173f	7173	North	415.125	4042.375	1098	250	250	0
384	7173g	7173	North	415.375	4042.375	1099	250	250	0
385	7173h	7173	North	415.5625	4042.375	1099	125	250	0
386	7173i	7173	North	415.375	4042.5625	1099	250	125	0
387	7174a	7174	North	416.125	4042.375	1101	250	250	0
388	7174b	7174	North	416.375	4042.375	1101	250	250	0
389	7174c	7174	North	416.625	4042.375	1102	250	250	0
390	7174d	7174	North	416.875	4042.375	1103	250	250	0
391	7174e	7174	North	416.625	4042.625	1104	250	250	0
392	7174f	7174	North	416.875	4042.625	1105	250	250	0
393	7174g	7174	North	416.625	4042.875	1105	250	250	0
394	7174h	7174	North	416.875	4042.875	1108	250	250	0
395	7175a	7175	North	417.375	4042.1875	1104	250	125	0
396	7175b	7175	North	417.625	4042.1875	1105	250	125	0

Source Area Geometry for July 2005 to June 2006									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
397	7175c	7175	North	417.125	4042.375	1104	250	250	0
398	7175d	7175	North	417.375	4042.375	1106	250	250	0
399	7175e	7175	North	417.625	4042.375	1107	250	250	0
400	7175f	7175	North	417.125	4042.625	1107	250	250	0
401	7175g	7175	North	417.375	4042.625	1109	250	250	0
402	7175h	7175	North	417.625	4042.625	1111	250	250	0
403	7175i	7175	North	417.125	4042.875	1111	250	250	0
404	7175j	7175	North	417.3125	4042.875	1113	125	250	0
405	7191a	7191	North	410.125	4041.125	1082	250	250	0
406	7191b	7191	North	410.375	4041.1875	1082	250	125	0
407	7191c	7191	North	410.125	4041.375	1084	250	250	0
408	7191d	7191	North	410.375	4041.375	1084	250	250	0
409	7191e	7191	North	410.625	4041.4375	1085	250	125	0
410	7191f	7191	North	410.125	4041.625	1086	250	250	0
411	7191g	7191	North	410.375	4041.625	1086	250	250	0
412	7191h	7191	North	410.125	4041.875	1088	250	250	0
413	7191i	7191	North	410.375	4041.875	1087	250	250	0
414	7192a	7192	North	410.375	4041.0625	1081	250	125	0
415	7192aa	7192	North	411.625	4041.625	1090	250	250	0
416	7192ab	7192	North	411.875	4041.625	1090	250	250	0
417	7192ac	7192	North	412.125	4041.5625	1090	250	125	0
418	7192ad	7192	North	411.375	4041.875	1090	250	250	0
419	7192b	7192	North	410.625	4041.125	1082	250	250	0
420	7192c	7192	North	410.875	4041.125	1083	250	250	0
421	7192d	7192	North	411.125	4041.125	1084	250	250	0
422	7192e	7192	North	411.375	4041.125	1085	250	250	0
423	7192f	7192	North	411.625	4041.125	1086	250	250	0
424	7192g	7192	North	411.875	4041.125	1087	250	250	0
425	7192h	7192	North	412.125	4041.125	1088	250	250	0
426	7192i	7192	North	412.375	4041.125	1088	250	250	0
427	7192j	7192	North	412.625	4041.125	1089	250	250	0
428	7192k	7192	North	412.875	4041.125	1089	250	250	0
429	7192l	7192	North	413.125	4041.125	1089	250	250	0
430	7192m	7192	North	413.3125	4041.0625	1089	125	125	0
431	7192n	7192	North	410.625	4041.3125	1084	250	125	0
432	7192o	7192	North	410.875	4041.375	1085	250	250	0
433	7192p	7192	North	411.125	4041.375	1087	250	250	0
434	7192q	7192	North	411.375	4041.375	1088	250	250	0
435	7192r	7192	North	411.625	4041.375	1088	250	250	0
436	7192s	7192	North	411.875	4041.375	1089	250	250	0
437	7192t	7192	North	412.125	4041.375	1089	250	250	0
438	7192u	7192	North	412.375	4041.375	1090	250	250	0
439	7192v	7192	North	412.625	4041.3125	1090	250	125	0
440	7192w	7192	North	412.875	4041.3125	1090	250	125	0

Source Area Geometry for July 2005 to June 2006									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
441	7192x	7192	North	410.9375	4041.5625	1087	125	125	0
442	7192y	7192	North	411.125	4041.625	1088	250	250	0
443	7192z	7192	North	411.375	4041.625	1089	250	250	0
444	7193a	7193	North	412.625	4041.4375	1091	250	125	0
445	7196a	7196	North	415.125	4041.125	1092	250	250	0
446	7196aa	7196	North	415.875	4041.875	1098	250	250	0
447	7196ab	7196	North	416.125	4041.875	1098	250	250	0
448	7196ac	7196	North	416.375	4041.875	1099	250	250	0
449	7196ad	7196	North	416.625	4041.875	1099	250	250	0
450	7196ae	7196	North	416.875	4041.875	1100	250	250	0
451	7196af	7196	North	415.375	4042.0625	1097	250	125	0
452	7196ag	7196	North	415.625	4042.125	1098	250	250	0
453	7196ah	7196	North	415.875	4042.125	1099	250	250	0
454	7196ai	7196	North	416.125	4042.125	1099	250	250	0
455	7196aj	7196	North	416.375	4042.125	1100	250	250	0
456	7196ak	7196	North	416.625	4042.125	1101	250	250	0
457	7196al	7196	North	416.875	4042.125	1102	250	250	0
458	7196am	7196	North	415.6875	4042.375	1099	125	250	0
459	7196an	7196	North	415.875	4042.3125	1100	250	125	0
460	7196b	7196	North	415.375	4041.125	1092	250	250	0
461	7196c	7196	North	415.625	4041.125	1093	250	250	0
462	7196d	7196	North	415.875	4041.125	1093	250	250	0
463	7196e	7196	North	416.125	4041.125	1094	250	250	0
464	7196f	7196	North	416.375	4041.125	1094	250	250	0
465	7196g	7196	North	416.625	4041.125	1095	250	250	0
466	7196h	7196	North	416.875	4041.125	1095	250	250	0
467	7196i	7196	North	415.1875	4041.375	1093	125	250	0
468	7196j	7196	North	415.375	4041.375	1094	250	250	0
469	7196k	7196	North	415.625	4041.375	1094	250	250	0
470	7196l	7196	North	415.875	4041.375	1095	250	250	0
471	7196m	7196	North	416.125	4041.375	1095	250	250	0
472	7196n	7196	North	416.375	4041.375	1096	250	250	0
473	7196o	7196	North	416.625	4041.375	1096	250	250	0
474	7196p	7196	North	416.875	4041.375	1097	250	250	0
475	7196q	7196	North	415.1875	4041.625	1095	125	250	0
476	7196r	7196	North	415.375	4041.625	1095	250	250	0
477	7196s	7196	North	415.625	4041.625	1096	250	250	0
478	7196t	7196	North	415.875	4041.625	1096	250	250	0
479	7196u	7196	North	416.125	4041.625	1097	250	250	0
480	7196v	7196	North	416.375	4041.625	1098	250	250	0
481	7196w	7196	North	416.625	4041.625	1098	250	250	0
482	7196x	7196	North	416.875	4041.625	1098	250	250	0
483	7196y	7196	North	415.375	4041.875	1096	250	250	0
484	7196z	7196	North	415.625	4041.875	1097	250	250	0

Source Area Geometry for July 2005 to June 2006									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
485	7199a	7199	North	418.1875	4041.125	1099	125	250	0
486	7199b	7199	North	418.375	4041.125	1100	250	250	0
487	7199c	7199	North	418.625	4041.125	1105	250	250	0
488	7199d	7199	North	418.125	4041.375	1101	250	250	0
489	7199e	7199	North	418.375	4041.375	1102	250	250	0
490	7199f	7199	North	418.5625	4041.375	1105	125	250	0
491	7199g	7199	North	418.125	4041.625	1103	250	250	0
492	7199h	7199	North	418.375	4041.625	1104	250	250	0
493	7199i	7199	North	418.5625	4041.625	1107	125	250	0
494	7199j	7199	North	417.9375	4041.875	1104	125	250	0
495	7199k	7199	North	418.125	4041.875	1105	250	250	0
496	7199l	7199	North	418.375	4041.875	1107	250	250	0
497	7199m	7199	North	418.625	4041.875	1113	250	250	0
498	7199n	7199	North	417.878	4042.0625	1106	250	125	0
499	7199o	7199	North	418.125	4042.125	1108	250	250	0
500	7199p	7199	North	418.375	4042.125	1109	250	250	0
501	7199q	7199	North	418.625	4042.0625	1115	250	125	0
502	7199r	7199	North	418.5625	4042.1875	1113	125	125	0
503	7199s	7199	North	418.125	4042.375	1110	250	250	0
504	7199t	7199	North	418.375	4042.3125	1111	250	125	0
505	7199u	7199	North	418.3125	4042.4375	1112	125	125	0
506	7215a	7215	North	412.125	4040.1875	1081	250	125	0
507	7215b	7215	North	412.375	4040.125	1082	250	250	0
508	7215c	7215	North	411.625	4040.4375	1080	250	125	0
509	7215d	7215	North	411.875	4040.375	1081	250	250	0
510	7215e	7215	North	412.125	4040.375	1082	250	250	0
511	7215f	7215	North	412.375	4040.375	1084	250	250	0
512	7215g	7215	North	411.125	4040.6875	1080	250	125	0
513	7215h	7215	North	411.375	4040.625	1081	250	250	0
514	7215i	7215	North	411.625	4040.625	1082	250	250	0
515	7215j	7215	North	411.875	4040.625	1083	250	250	0
516	7215k	7215	North	412.125	4040.625	1084	250	250	0
517	7215l	7215	North	412.375	4040.625	1085	250	250	0
518	7215m	7215	North	410.375	4040.9375	1080	250	125	0
519	7215n	7215	North	410.625	4040.875	1080	250	250	0
520	7215o	7215	North	410.875	4040.875	1081	250	250	0
521	7215p	7215	North	411.125	4040.875	1082	250	250	0
522	7215q	7215	North	411.375	4040.875	1083	250	250	0
523	7215r	7215	North	411.625	4040.875	1084	250	250	0
524	7215s	7215	North	411.875	4040.875	1085	250	250	0
525	7215t	7215	North	412.125	4040.875	1086	250	250	0
526	7215u	7215	North	412.375	4040.875	1087	250	250	0
527	7216a	7216	North	412.875	4039.9375	1081	250	125	0
528	7216b	7216	North	413.125	4039.875	1081	250	250	0

Source Area Geometry for July 2005 to June 2006									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
529	7216c	7216	North	413.375	4039.875	1081	250	250	0
530	7216d	7216	North	412.625	4040.125	1082	250	250	0
531	7216e	7216	North	412.875	4040.125	1082	250	250	0
532	7216f	7216	North	413.125	4040.125	1082	250	250	0
533	7216g	7216	North	413.375	4040.125	1082	250	250	0
534	7216h	7216	North	412.625	4040.375	1084	250	250	0
535	7216i	7216	North	412.875	4040.375	1084	250	250	0
536	7216j	7216	North	413.125	4040.375	1084	250	250	0
537	7216k	7216	North	413.375	4040.375	1084	250	250	0
538	7216l	7216	North	412.625	4040.625	1086	250	250	0
539	7216m	7216	North	412.875	4040.625	1086	250	250	0
540	7216n	7216	North	413.125	4040.625	1086	250	250	0
541	7216o	7216	North	413.375	4040.625	1085	250	250	0
542	7216p	7216	North	412.625	4040.875	1087	250	250	0
543	7216q	7216	North	412.875	4040.875	1087	250	250	0
544	7216r	7216	North	413.125	4040.875	1087	250	250	0
545	7216s	7216	North	413.375	4040.875	1087	250	250	0
546	7217a	7217	North	414.125	4039.4375	1078	250	125	0
547	7217b	7217	North	414.375	4039.375	1078	250	250	0
548	7217c	7217	North	413.625	4039.6875	1080	250	125	0
549	7217d	7217	North	413.875	4039.625	1079	250	250	0
550	7217e	7217	North	414.125	4039.625	1079	250	250	0
551	7217f	7217	North	414.375	4039.625	1079	250	250	0
552	7217g	7217	North	413.625	4039.875	1081	250	250	0
553	7217h	7217	North	413.875	4039.875	1081	250	250	0
554	7217i	7217	North	414.125	4039.875	1081	250	250	0
555	7217j	7217	North	414.3125	4039.875	1081	125	250	0
556	7217k	7217	North	413.625	4040.125	1082	250	250	0
557	7217l	7217	North	413.875	4040.125	1082	250	250	0
558	7217m	7217	North	414.0625	4040.125	1082	125	250	0
559	7217n	7217	North	413.625	4040.375	1084	250	250	0
560	7217o	7217	North	413.8125	4040.375	1084	125	250	0
561	7217p	7217	North	413.625	4040.625	1085	250	250	0
562	7217q	7217	North	413.5625	4040.8125	1087	125	125	0
563	7218a	7218	North	414.125	4040.4375	1084	250	125	0
564	7218b	7218	North	414.375	4040.375	1084	250	250	0
565	8218a	7218	North	414.4375	4039.875	1081	125	250	0
566	8218b	7218	North	414.1875	4040.125	1082	125	250	0
567	8218c	7218	North	414.375	4040.125	1082	250	250	0
568	8218d	7218	North	413.9375	4040.375	1084	125	250	0
569	8218e	7218	North	414.125	4040.3125	1084	250	125	0
570	8218f	7218	North	413.875	4040.625	1086	250	250	0
571	8218g	7218	North	413.6875	4040.8125	1087	125	125	0
572	8218h	7218	North	413.625	4040.9375	1088	250	125	0

Source Area Geometry for July 2005 to June 2006									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
573	8218i	7218	North	413.5	4041.0625	1089	250	125	0
574	8218j	7218	North	413.375	4041.1875	1090	250	125	0
575	8218k	7218	North	412.875	4041.4375	1091	250	125	0
576	8218l	7218	North	413.125	4041.375	1091	250	250	0
577	8218m	7218	North	413.3125	4041.375	1091	125	250	0
578	7219a	7219	North	415.875	4039.375	1081	250	250	0
579	7219b	7219	North	415.625	4039.625	1082	250	250	0
580	7219c	7219	North	415.875	4039.625	1082	250	250	0
581	7219d	7219	North	415.4375	4039.875	1083	125	250	0
582	7219e	7219	North	415.625	4039.875	1084	250	250	0
583	7219f	7219	North	415.875	4039.875	1084	250	250	0
584	7219g	7219	North	415.1875	4040.125	1085	125	250	0
585	7219h	7219	North	415.375	4040.125	1085	250	250	0
586	7219i	7219	North	415.625	4040.125	1086	250	250	0
587	7219j	7219	North	415.875	4040.125	1086	250	250	0
588	7219k	7219	North	415.125	4040.375	1087	250	250	0
589	7219l	7219	North	415.375	4040.375	1087	250	250	0
590	7219m	7219	North	415.625	4040.375	1088	250	250	0
591	7219n	7219	North	415.875	4040.375	1088	250	250	0
592	7219o	7219	North	414.9375	4040.625	1088	125	250	0
593	7219p	7219	North	415.125	4040.625	1088	250	250	0
594	7219q	7219	North	415.375	4040.625	1089	250	250	0
595	7219r	7219	North	415.625	4040.625	1090	250	250	0
596	7219s	7219	North	415.875	4040.625	1090	250	250	0
597	7219t	7219	North	415.125	4040.875	1090	250	250	0
598	7219u	7219	North	415.375	4040.875	1091	250	250	0
599	7219v	7219	North	415.625	4040.875	1091	250	250	0
600	7219w	7219	North	415.875	4040.875	1092	250	250	0
601	7220a	7220	North	416.125	4039.4375	1082	250	125	0
602	7220b	7220	North	416.125	4039.625	1083	250	250	0
603	7220c	7220	North	416.375	4039.6875	1084	250	125	0
604	7220d	7220	North	416.125	4039.875	1085	250	250	0
605	7220e	7220	North	416.375	4039.875	1086	250	250	0
606	7220f	7220	North	416.625	4039.9375	1087	250	125	0
607	7220g	7220	North	416.125	4040.125	1087	250	250	0
608	7220h	7220	North	416.375	4040.125	1087	250	250	0
609	7220i	7220	North	416.625	4040.125	1088	250	250	0
610	7220j	7220	North	416.875	4040.125	1089	250	250	0
611	7220k	7220	North	416.125	4040.375	1089	250	250	0
612	7220l	7220	North	416.375	4040.375	1089	250	250	0
613	7220m	7220	North	416.625	4040.375	1090	250	250	0
614	7220n	7220	North	416.875	4040.375	1090	250	250	0
615	7220o	7220	North	416.125	4040.625	1091	250	250	0
616	7220p	7220	North	416.375	4040.625	1091	250	250	0

Source Area Geometry for July 2005 to June 2006									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
617	7220q	7220	North	416.625	4040.625	1091	250	250	0
618	7220r	7220	North	416.875	4040.625	1092	250	250	0
619	7220s	7220	North	416.125	4040.875	1092	250	250	0
620	7220t	7220	North	416.375	4040.875	1093	250	250	0
621	7220u	7220	North	416.625	4040.875	1093	250	250	0
622	7220v	7220	North	416.875	4040.875	1094	250	250	0
623	7222a	7222	North	418.6875	4040.375	1099	125	250	0
624	7222b	7222	North	418.8125	4040.4375	1102	125	125	0
625	7222c	7222	North	418.4375	4040.625	1096	125	250	0
626	7222d	7222	North	418.625	4040.625	1100	250	250	0
627	7222e	7222	North	418.3125	4040.9375	1098	125	125	0
628	7222f	7222	North	418.4375	4040.875	1098	125	250	0
629	7222g	7222	North	418.625	4040.875	1102	250	250	0
630	8522a	7222	Central	419.125	4027.125	1078	250	250	0
631	8522b	7222	Central	419.375	4027.125	1079	250	250	0
632	8522c	7222	Central	419.625	4027.125	1082	250	250	0
633	8522d	7222	Central	419.8125	4027.25	1084	125	250	0
634	8522e	7222	Central	419.125	4027.375	1078	250	250	0
635	8522f	7222	Central	419.375	4027.375	1079	250	250	0
636	8522g	7222	Central	419.625	4027.375	1082	250	250	0
637	8522h	7222	Central	419.125	4027.625	1079	250	250	0
638	8522i	7222	Central	419.375	4027.625	1079	250	250	0
639	8522j	7222	Central	419.625	4027.625	1082	250	250	0
640	8522k	7222	Central	419.8125	4027.625	1084	125	250	0
641	8522l	7222	Central	419.125	4027.875	1079	250	250	0
642	8522m	7222	Central	419.375	4027.875	1079	250	250	0
643	8522n	7222	Central	419.625	4027.875	1081	250	250	0
644	8522o	7222	Central	419.8125	4027.875	1083	125	250	0
645	7223a	7223	K Dunes	419.125	4040.375	1108	250	250	0
646	7223b	7223	K Dunes	419.375	4040.375	1113	250	250	0
647	7223c	7223	K Dunes	419.625	4040.375	1119	250	250	0
648	7223d	7223	K Dunes	419.875	4040.375	1126	250	250	0
649	7223e	7223	K Dunes	419.125	4040.625	1112	250	250	0
650	7223f	7223	K Dunes	419.375	4040.625	1119	250	250	0
651	7223g	7223	K Dunes	419.625	4040.625	1126	250	250	0
652	7223h	7223	K Dunes	419.875	4040.625	1134	250	250	0
653	7223i	7223	K Dunes	419.125	4040.875	1117	250	250	0
654	7223j	7223	K Dunes	419.375	4040.875	1124	250	250	0
655	7223k	7223	K Dunes	419.625	4040.875	1132	250	250	0
656	7223l	7223	K Dunes	419.875	4040.875	1142	250	250	0
657	7223m	7223	K Dunes	419.375	4040.125	1108	250	250	0
658	7223n	7223	K Dunes	419.625	4040.125	1113	250	250	0
659	7223o	7223	K Dunes	419.875	4040.125	1119	250	250	0
660	7223p	7223	K Dunes	418.875	4040.625	1106	250	250	0

Source Area Geometry for July 2005 to June 2006									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
661	7223q	7223	K Dunes	418.875	4040.875	1110	250	250	0
662	7223r	7223	K Dunes	419.625	4039.625	1100	250	250	0
663	7223s	7223	K Dunes	419.875	4039.625	1104	250	250	0
664	7223t	7223	K Dunes	419.625	4039.875	1106	250	250	0
665	7223u	7223	K Dunes	419.875	4039.875	1111	250	250	0
666	7223v	7223	K Dunes	419.375	4039.875	1102	250	250	0
667	7240a	7240	North	413.375	4039.4375	1078	250	125	0
668	7240b	7240	North	413.625	4039.4375	1078	250	125	0
669	7240c	7240	North	413.875	4039.4375	1078	250	125	0
670	7240d	7240	North	412.875	4039.6875	1079	250	125	0
671	7240e	7240	North	413.125	4039.625	1079	250	250	0
672	7240f	7240	North	413.375	4039.625	1079	250	250	0
673	7240g	7240	North	413.625	4039.5625	1079	250	125	0
674	7240h	7240	North	412.125	4039.9375	1079	250	125	0
675	7240i	7240	North	412.375	4039.875	1080	250	250	0
676	7240j	7240	North	412.625	4039.875	1081	250	250	0
677	7240k	7240	North	412.875	4039.8125	1080	250	125	0
678	7240l	7240	North	411.375	4040.1875	1078	250	125	0
679	7240m	7240	North	411.625	4040.125	1078	250	250	0
680	7240n	7240	North	411.875	4040.125	1079	250	250	0
681	7240o	7240	North	412.125	4040.0625	1080	250	125	0
682	7240p	7240	North	410.875	4040.4375	1077	250	125	0
683	7240q	7240	North	411.125	4040.375	1078	250	250	0
684	7240r	7240	North	411.375	4040.375	1079	250	250	0
685	7240s	7240	North	411.625	4040.3125	1079	250	125	0
686	7240t	7240	North	410.625	4040.625	1077	250	250	0
687	7240u	7240	North	410.875	4040.625	1079	250	250	0
688	7240v	7240	North	411.125	4040.5625	1079	250	125	0
689	7240w	7240	North	410.4375	4040.8125	1079	125	125	0
690	7241a	7241	North	414.625	4039.375	1078	250	250	0
691	7241b	7241	North	414.8125	4039.375	1078	125	250	0
692	7241c	7241	North	414.625	4039.625	1079	250	250	0
693	7241d	7241	North	414.5625	4039.875	1081	125	250	0
694	7242a	7242	North	415.875	4039.125	1080	250	250	0
695	7242b	7242	North	415.125	4039.4375	1079	250	125	0
696	7242c	7242	North	415.375	4039.375	1079	250	250	0
697	7242d	7242	North	415.625	4039.375	1080	250	250	0
698	7242e	7242	North	415.125	4039.625	1080	250	250	0
699	7242f	7242	North	415.375	4039.625	1081	250	250	0
700	7242g	7242	North	414.9375	4039.875	1082	125	250	0
701	7242h	7242	North	415.125	4039.875	1082	250	250	0
702	7242i	7242	North	415.3125	4039.875	1083	125	250	0
703	7242j	7242	North	415	4040.125	1084	250	250	0
704	7242k	7242	North	414.9375	4040.375	1086	125	250	0

Source Area Geometry for July 2005 to June 2006									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
705	7242l	7242	North	414.875	4040.875	1089	250	250	0
706	7242m	7242	North	414.9375	4041.125	1091	125	250	0
707	7242n	7242	North	414.9375	4041.375	1093	125	250	0
708	7243a	7243	North	416.581	4039.6985	1085	62	63	0
709	7247a	7247	K Dunes	420.125	4039.375	1102	250	250	0
710	7247b	7247	K Dunes	420.375	4039.375	1105	250	250	0
711	7247c	7247	K Dunes	420.625	4039.375	1110	250	250	0
712	7247d	7247	K Dunes	420.875	4039.375	1116	250	250	0
713	7247e	7247	K Dunes	420.125	4039.625	1108	250	250	0
714	7247f	7247	K Dunes	420.375	4039.625	1112	250	250	0
715	7247g	7247	K Dunes	420.625	4039.625	1118	250	250	0
716	7247h	7247	K Dunes	420.875	4039.625	1124	250	250	0
717	7247i	7247	K Dunes	420.125	4039.875	1116	250	250	0
718	7247j	7247	K Dunes	420.375	4039.875	1121	250	250	0
719	7247k	7247	K Dunes	420.625	4039.875	1127	250	250	0
720	7247l	7247	K Dunes	420.875	4039.875	1135	250	250	0
721	7247m	7247	K Dunes	420.625	4039.125	1105	250	250	0
722	7247n	7247	K Dunes	420.875	4039.125	1110	250	250	0
723	7247o	7247	K Dunes	420.125	4040.125	1125	250	250	0
724	7247p	7247	K Dunes	420.125	4040.375	1133	250	250	0
725	7247q	7247	K Dunes	420.375	4040.125	1130	250	250	0
726	7266a	7266	North	416.125	4038.875	1080	250	250	0
727	7266b	7266	North	416.375	4038.625	1079	250	250	0
728	7266c	7266	North	416.625	4038.375	1079	250	250	0
729	7266d	7266	North	416.875	4038.125	1079	250	250	0
730	7281a	7281	Central	408.375	4037.3125	1091	250	125	0
731	7281b	7281	Central	408.625	4037.375	1086	250	250	0
732	7281c	7281	Central	408.4375	4037.6875	1091	125	125	0
733	7281d	7281	Central	408.625	4037.625	1087	250	250	0
734	7293a	7293	North	420.519	4037.497	1082	28	28	0
735	7304b	7304	Central	408.375	4036.375	1090	250	250	0
736	7304c	7304	Central	408.625	4036.375	1086	250	250	0
737	7304d	7304	Central	408.1875	4036.6875	1093	125	125	0
738	7304e	7304	Central	408.375	4036.625	1090	250	250	0
739	7304f	7304	Central	408.625	4036.625	1086	250	250	0
740	7314a	7314	Central	418.375	4036.125	1075	250	250	0
741	7314b	7314	Central	418.625	4036.125	1076	250	250	0
742	7314c	7314	Central	418.875	4036.125	1076	250	250	0
743	7314d	7314	Central	418.1875	4036.375	1075	125	250	0
744	7314e	7314	Central	418.375	4036.375	1075	250	250	0
745	7314f	7314	Central	418.625	4036.375	1076	250	250	0
746	7314g	7314	Central	418.875	4036.375	1076	250	250	0
747	7314h	7314	Central	418.1875	4036.625	1075	125	250	0
748	7314i	7314	Central	418.375	4036.625	1075	250	250	0

Source Area Geometry for July 2005 to June 2006									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
749	7314j	7314	Central	418.625	4036.625	1076	250	250	0
750	7314k	7314	Central	418.875	4036.625	1077	250	250	0
751	7314l	7314	Central	418.125	4036.875	1076	250	250	0
752	7314m	7314	Central	418.375	4036.875	1076	250	250	0
753	7314n	7314	Central	418.625	4036.875	1077	250	250	0
754	7314o	7314	Central	418.875	4036.875	1077	250	250	0
755	0321a	7321	Central	421.875	4031.625	1082	250	250	0
756	0321b	7321	Central	422.125	4031.625	1082	250	250	0
757	0321c	7321	Central	421.8125	4031.875	1082	125	250	0
758	0321d	7321	Central	421.8125	4032.125	1082	125	250	0
759	0323a	7323	Central	422.375	4030.9375	1082	250	125	0
760	0323b	7323	Central	422.375	4031.125	1082	250	250	0
761	0323c	7323	Central	422.625	4031.125	1083	250	250	0
762	0323d	7323	Central	422.375	4031.375	1082	250	250	0
763	0323e	7323	Central	422.625	4031.375	1083	250	250	0
764	0323f	7323	Central	422.8125	4031.375	1084	125	250	0
765	0323g	7323	Central	422.375	4031.625	1082	250	250	0
766	0323h	7323	Central	422.625	4031.625	1083	250	250	0
767	0323i	7323	Central	422.8125	4031.625	1083	125	250	0
768	0323j	7323	Central	422.4375	4031.8125	1082	125	125	0
769	0323k	7323	Central	422.625	4031.875	1082	250	250	0
770	0323l	7323	Central	422.6875	4032.125	1082	125	250	0
771	7360a	7360	Central	418.6875	4034.125	1075	125	250	0
772	7360b	7360	Central	418.625	4034.375	1075	250	250	0
773	7385a	7385	Central	420.625	4032.875	1079	250	250	0
774	7385b	7385	Central	420.125	4033.125	1078	250	250	0
775	7385c	7385	Central	420.4375	4033.1875	1078	125	125	0
776	7385d	7385	Central	420.5625	4033.1875	1079	125	125	0
777	7385e	7385	Central	420.375	4033.375	1078	250	250	0
778	7385g	7385	Central	420.375	4033.5625	1078	250	125	0
779	7385h	7385	Central	420.5625	4033.5625	1079	125	125	0
780	7387a	7387	Central	422.375	4033.375	1082	250	250	0
781	7387b	7387	Central	422.5625	4033.375	1082	125	250	0
782	7406a	7406	Central	418.125	4032.125	1073	250	250	0
783	7406b	7406	Central	418.375	4032.125	1074	250	250	0
784	7406c	7406	Central	418.625	4032.125	1074	250	250	0
785	7406d	7406	Central	418.8125	4032.125	1074	125	250	0
786	7406e	7406	Central	418.125	4032.375	1073	250	250	0
787	7406f	7406	Central	418.375	4032.375	1073	250	250	0
788	7406g	7406	Central	418.625	4032.375	1074	250	250	0
789	7406h	7406	Central	418.8125	4032.375	1074	125	250	0
790	7406i	7406	Central	418.125	4032.625	1073	250	250	0
791	7406j	7406	Central	418.375	4032.625	1073	250	250	0
792	7406k	7406	Central	418.625	4032.625	1073	250	250	0

Source Area Geometry for July 2005 to June 2006									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
793	7406l	7406	Central	418.125	4032.875	1073	250	250	0
794	7406m	7406	Central	418.375	4032.875	1073	250	250	0
795	7406n	7406	Central	418.625	4032.875	1073	250	250	0
796	7409a	7409	Central	421.125	4032.1875	1080	250	125	0
797	7409b	7409	Central	421.375	4032.125	1081	250	250	0
798	7409c	7409	Central	421.125	4032.375	1080	250	250	0
799	7409d	7409	Central	421.375	4032.375	1081	250	250	0
800	7409e	7409	Central	421.5625	4032.375	1081	125	250	0
801	7409f	7409	Central	421.125	4032.625	1080	250	250	0
802	7409g	7409	Central	421.375	4032.625	1081	250	250	0
803	7409h	7409	Central	421.5625	4032.625	1081	125	250	0
804	7409i	7409	Central	421.125	4032.875	1080	250	250	0
805	7409j	7409	Central	421.375	4032.875	1081	250	250	0
806	0410a	7410	Central	422.8125	4032.375	1082	125	250	0
807	7410a	7410	Central	422.375	4032.375	1081	250	250	0
808	7410b	7410	Central	422.625	4032.375	1081	250	250	0
809	7410d	7410	Central	422.375	4032.625	1081	250	250	0
810	7410e	7410	Central	422.625	4032.625	1081	250	250	0
811	7431a	7431	Central	420.125	4030.6875	1076	250	125	0
812	7431b	7431	Central	420.125	4030.875	1077	250	250	0
813	7431c	7431	Central	420.125	4031.125	1077	250	250	0
814	7431d	7431	Central	420.3125	4031.3125	1077	125	125	0
815	7431e	7431	Central	420.375	4031.4375	1078	250	125	0
816	7431f	7431	Central	420.4375	4031.5625	1078	125	125	0
817	7431g	7431	Central	420.5625	4031.625	1078	125	250	0
818	0432a	7432	Central	421.6875	4031.125	1082	125	250	0
819	0432b	7432	Central	421.625	4031.375	1082	250	250	0
820	0432c	7432	Central	421.4375	4031.625	1082	125	250	0
821	0432d	7432	Central	421.625	4031.625	1082	250	250	0
822	0432e	7432	Central	421.375	4031.875	1082	250	250	0
823	0432f	7432	Central	421.625	4031.875	1082	250	250	0
824	0432g	7432	Central	421.625	4032.125	1082	250	250	0
825	7432a	7432	Central	421.125	4031.125	1080	250	250	0
826	7432b	7432	Central	421.375	4031.125	1081	250	250	0
827	7432c	7432	Central	421.5625	4031.125	1082	125	250	0
828	7432d	7432	Central	421.125	4031.375	1081	250	250	0
829	7432e	7432	Central	421.375	4031.375	1082	250	250	0
830	7432g	7432	Central	421.1875	4031.625	1081	125	250	0
831	7432h	7432	Central	421.3125	4031.625	1082	125	250	0
832	7451a	7451	Central	417.125	4030.125	1073	250	250	0
833	7451b	7451	Central	417.3125	4030.125	1074	125	250	0
834	7451c	7451	Central	417.125	4030.375	1073	250	250	0
835	7451d	7451	Central	417.375	4030.375	1073	250	250	0
836	7451e	7451	Central	417.125	4030.625	1073	250	250	0

Source Area Geometry for July 2005 to June 2006									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
837	7451f	7451	Central	417.375	4030.625	1073	250	250	0
838	7451g	7451	Central	417.625	4030.625	1074	250	250	0
839	7451h	7451	Central	417.125	4030.875	1073	250	250	0
840	7451i	7451	Central	417.375	4030.875	1073	250	250	0
841	7451j	7451	Central	417.625	4030.875	1074	250	250	0
842	7451k	7451	Central	417.8125	4030.875	1074	125	250	0
843	7454a	7454	Central	420.125	4030.125	1077	250	250	0
844	7454b	7454	Central	420.375	4030.125	1078	250	250	0
845	7454c	7454	Central	420.1875	4030.375	1077	125	250	0
846	7454d	7454	Central	420.375	4030.375	1077	250	250	0
847	7454e	7454	Central	420.375	4030.625	1077	250	250	0
848	7454f	7454	Central	420.625	4030.625	1078	250	250	0
849	7454g	7454	Central	420.875	4030.625	1079	250	250	0
850	7454h	7454	Central	420.375	4030.875	1077	250	250	0
851	7454i	7454	Central	420.625	4030.875	1078	250	250	0
852	7454j	7454	Central	420.875	4030.875	1079	250	250	0
853	7454k	7454	Central	420.375	4031.125	1077	250	250	0
854	7454l	7454	Central	420.625	4031.125	1078	250	250	0
855	7454m	7454	Central	420.875	4031.125	1079	250	250	0
856	7454n	7454	Central	420.4375	4031.3125	1078	125	125	0
857	7454o	7454	Central	420.625	4031.375	1078	250	250	0
858	7454p	7454	Central	420.875	4031.375	1079	250	250	0
859	7454q	7454	Central	420.6875	4031.625	1079	125	250	0
860	7454r	7454	Central	420.875	4031.625	1080	250	250	0
861	7454s	7454	Central	421.0625	4031.625	1080	125	250	0
862	0455a	7455	Central	421.6875	4030.25	1082	125	250	0
863	0455b	7455	Central	421.8125	4030.375	1082	125	250	0
864	0455c	7455	Central	421.9375	4030.4375	1082	125	125	0
865	0455d	7455	Central	421.6875	4030.4375	1081	125	125	0
866	0455e	7455	Central	421.6875	4030.625	1081	125	250	0
867	0455f	7455	Central	421.6875	4030.875	1082	125	250	0
868	7455a	7455	Central	421.0625	4029.625	1082	125	250	0
869	7455b	7455	Central	421.125	4029.875	1081	250	250	0
870	7455c	7455	Central	421.375	4029.9375	1082	250	125	0
871	7455d	7455	Central	421.125	4030.125	1080	250	250	0
872	7455e	7455	Central	421.375	4030.125	1081	250	250	0
873	7455f	7455	Central	421.5625	4030.125	1082	125	250	0
874	7455g	7455	Central	421.125	4030.375	1080	250	250	0
875	7455h	7455	Central	421.375	4030.375	1081	250	250	0
876	7455i	7455	Central	421.5625	4030.3125	1081	125	125	0
877	7455j	7455	Central	421.5625	4030.4375	1081	125	125	0
878	7455k	7455	Central	421.125	4030.625	1080	250	250	0
879	7455l	7455	Central	421.375	4030.625	1081	250	250	0
880	7455m	7455	Central	421.5625	4030.625	1081	125	250	0

Source Area Geometry for July 2005 to June 2006									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
881	7455n	7455	Central	421.125	4030.875	1080	250	250	0
882	7455o	7455	Central	421.375	4030.875	1081	250	250	0
883	7455p	7455	Central	421.5625	4030.875	1081	125	250	0
884	7455q	7455	Central	421.0625	4029.4375	1083	125	125	0
885	7455r	7455	Central	421.1875	4029.625	1082	125	250	0
886	7455s	7455	Central	421.375	4029.6875	1082	250	125	0
887	7455t	7455	Central	421.375	4029.8125	1082	250	125	0
888	7455u	7455	Central	421.5625	4029.875	1083	125	250	0
889	7473a	7473	Central	416.125	4028.875	1074	250	250	0
890	7473b	7473	Central	416.125	4029.125	1073	250	250	0
891	7473c	7473	Central	416.375	4029.1875	1074	250	125	0
892	7473d	7473	Central	416.9375	4029.125	1076	125	250	0
893	7473e	7473	Central	416.375	4029.375	1073	250	250	0
894	7473f	7473	Central	416.5625	4029.375	1074	125	250	0
895	7473g	7473	Central	416.9375	4029.375	1075	125	250	0
896	7473h	7473	Central	416.4375	4029.625	1073	125	250	0
897	7473i	7473	Central	416.625	4029.625	1073	250	250	0
898	7473j	7473	Central	416.875	4029.625	1074	250	250	0
899	7474a	7474	Central	417.125	4029.125	1076	250	250	0
900	7474b	7474	Central	417.375	4029.125	1077	250	250	0
901	7474c	7474	Central	417.625	4029.125	1077	250	250	0
902	7474d	7474	Central	417.8125	4029.125	1076	125	250	0
903	7474e	7474	Central	417.125	4029.375	1075	250	250	0
904	7474f	7474	Central	417.375	4029.375	1075	250	250	0
905	7474g	7474	Central	417.625	4029.375	1075	250	250	0
906	7474h	7474	Central	417.8125	4029.3125	1075	125	125	0
907	7474i	7474	Central	417.125	4029.625	1074	250	250	0
908	7474j	7474	Central	417.375	4029.625	1074	250	250	0
909	7474k	7474	Central	417.5625	4029.625	1075	125	250	0
910	7474m	7474	Central	417.125	4029.875	1074	250	250	0
911	7474n	7474	Central	417.375	4029.875	1074	250	250	0
912	7474o	7474	Central	417.5	4030.125	1074	250	250	0
913	7475k	7475	Central	417.8125	4029.4375	1075	125	125	0
914	7475l	7475	Central	417.9375	4029.375	1075	125	250	0
915	7475m	7475	Central	418.125	4029.375	1074	250	250	0
916	7475n	7475	Central	418.375	4029.4375	1073	250	125	0
917	7475o	7475	Central	418.5625	4029.4375	1073	125	125	0
918	7475q	7475	Central	417.6875	4029.5625	1074	125	125	0
919	7475r	7475	Central	417.875	4029.5625	1074	250	125	0
920	7475s	7475	Central	418.125	4029.5625	1073	250	125	0
921	7475t	7475	Central	418.375	4029.5625	1073	250	125	0
922	7475u	7475	Central	418.625	4029.625	1073	250	250	0
923	7475v	7475	Central	418.875	4029.625	1074	250	250	0
924	7475w	7475	Central	419.0625	4029.625	1074	125	250	0

Source Area Geometry for July 2005 to June 2006									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
925	7476a	7476	Central	419.125	4029.125	1076	250	250	0
926	7476b	7476	Central	419.375	4029.125	1076	250	250	0
927	7476c	7476	Central	419.625	4029.125	1077	250	250	0
928	7476d	7476	Central	419.875	4029.125	1079	250	250	0
929	7476e	7476	Central	419.4375	4029.375	1075	125	250	0
930	7476f	7476	Central	419.625	4029.375	1076	250	250	0
931	7476g	7476	Central	419.875	4029.375	1078	250	250	0
932	7476h	7476	Central	419.4375	4029.625	1075	125	250	0
933	7476i	7476	Central	419.625	4029.625	1076	250	250	0
934	7476j	7476	Central	419.875	4029.625	1077	250	250	0
935	7476k	7476	Central	419.625	4029.8125	1075	250	125	0
936	7476l	7476	Central	419.875	4029.875	1077	250	250	0
937	7477a	7477	Central	420.5625	4029.1875	1083	125	125	0
938	7477b	7477	Central	420.625	4029.375	1082	250	250	0
939	7477c	7477	Central	420.875	4029.4375	1082	250	125	0
940	7477d	7477	Central	420.625	4029.625	1081	250	250	0
941	7477e	7477	Central	420.875	4029.625	1081	250	250	0
942	7477f	7477	Central	420.625	4029.875	1080	250	250	0
943	7477g	7477	Central	420.875	4029.875	1080	250	250	0
944	7477h	7477	Central	420.5625	4029	1084	125	250	0
945	7477i	7477	Central	420.75	4029.1875	1084	250	125	0
946	7477j	7477	Central	420.875	4029.3125	1083	250	125	0
947	7496a	7496	Central	416.375	4028.125	1076	250	250	0
948	7496b	7496	Central	416.125	4028.4375	1076	250	125	0
949	7496c	7496	Central	416.375	4028.375	1077	250	250	0
950	7496d	7496	Central	416.375	4028.5625	1077	250	125	0
951	7499a	7499	Central	419.875	4028.125	1083	250	250	0
952	7499b	7499	Central	418.875	4028.4375	1078	250	125	0
953	7499c	7499	Central	419.125	4028.4375	1079	250	125	0
954	7499d	7499	Central	419.375	4028.375	1079	250	250	0
955	7499e	7499	Central	419.625	4028.375	1080	250	250	0
956	7499f	7499	Central	419.875	4028.375	1082	250	250	0
957	7499g	7499	Central	418.9375	4028.625	1078	125	250	0
958	7499h	7499	Central	419.125	4028.625	1078	250	250	0
959	7499i	7499	Central	419.375	4028.625	1079	250	250	0
960	7499j	7499	Central	419.625	4028.625	1080	250	250	0
961	7499k	7499	Central	419.875	4028.625	1081	250	250	0
962	7499l	7499	Central	419.125	4028.875	1077	250	250	0
963	7499m	7499	Central	419.375	4028.875	1077	250	250	0
964	7499n	7499	Central	419.625	4028.875	1079	250	250	0
965	7499o	7499	Central	419.875	4028.875	1080	250	250	0
966	8499a	7499	Central	419.125	4028.125	1079	250	250	0
967	8499b	7499	Central	419.375	4028.125	1079	250	250	0
968	8499c	7499	Central	419.625	4028.125	1081	250	250	0

Source Area Geometry for July 2005 to June 2006									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
969	8499d	7499	Central	419.125	4028.3125	1079	250	125	0
970	7519a	7519	Central	416.125	4027.125	1076	250	250	0
971	7519b	7519	Central	416.375	4027.125	1076	250	250	0
972	7519c	7519	Central	416.625	4027.125	1076	250	250	0
973	7519d	7519	Central	416.875	4027.125	1076	250	250	0
974	7519e	7519	Central	417.0625	4027.125	1076	125	250	0
975	7519f	7519	Central	415.9375	4027.375	1076	125	250	0
976	7519g	7519	Central	416.125	4027.375	1076	250	250	0
977	7519h	7519	Central	416.375	4027.375	1076	250	250	0
978	7519i	7519	Central	416.625	4027.375	1076	250	250	0
979	7519j	7519	Central	416.875	4027.375	1076	250	250	0
980	7519k	7519	Central	417.0625	4027.375	1075	125	250	0
981	7519l	7519	Central	415.9375	4027.625	1075	125	250	0
982	7519m	7519	Central	416.125	4027.625	1076	250	250	0
983	7519n	7519	Central	416.375	4027.625	1076	250	250	0
984	7519o	7519	Central	416.625	4027.625	1076	250	250	0
985	7519p	7519	Central	416.875	4027.625	1076	250	250	0
986	7519q	7519	Central	417.0625	4027.625	1076	125	250	0
987	7519r	7519	Central	415.9375	4027.875	1075	125	250	0
988	7519s	7519	Central	416.125	4027.875	1076	250	250	0
989	7519t	7519	Central	416.375	4027.875	1076	250	250	0
990	7519u	7519	Central	416.625	4027.875	1076	250	250	0
991	7519v	7519	Central	416.875	4027.875	1077	250	250	0
992	7519w	7519	Central	417.0625	4027.875	1077	125	250	0
993	7520a	7520	Central	417.1875	4027.125	1076	125	250	0
994	7520b	7520	Central	417.375	4027.125	1075	250	250	0
995	7520c	7520	Central	417.625	4027.125	1075	250	250	0
996	7520d	7520	Central	417.875	4027.125	1076	250	250	0
997	7520e	7520	Central	417.1875	4027.375	1075	125	250	0
998	7520f	7520	Central	417.375	4027.375	1075	250	250	0
999	7520g	7520	Central	417.625	4027.375	1075	250	250	0
1000	7520h	7520	Central	417.875	4027.375	1076	250	250	0
1001	7520i	7520	Central	417.1875	4027.625	1076	125	250	0
1002	7520j	7520	Central	417.375	4027.625	1076	250	250	0
1003	7520k	7520	Central	417.625	4027.625	1076	250	250	0
1004	7520l	7520	Central	417.875	4027.625	1076	250	250	0
1005	7520m	7520	Central	417.1875	4027.875	1077	125	250	0
1006	7520n	7520	Central	417.375	4027.875	1077	250	250	0
1007	7520o	7520	Central	417.625	4027.875	1077	250	250	0
1008	7520p	7520	Central	417.875	4027.875	1077	250	250	0
1009	7520q	7520	Central	417.375	4028.125	1079	250	250	0
1010	7520r	7520	Central	417.625	4028.125	1079	250	250	0
1011	7520s	7520	Central	417.875	4028.125	1078	250	250	0
1012	7520t	7520	Central	417.625	4028.375	1080	250	250	0

Source Area Geometry for July 2005 to June 2006									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1013	7520u	7520	Central	417.875	4028.375	1079	250	250	0
1014	7521a	7521	Central	418.125	4027.125	1076	250	250	0
1015	7521b	7521	Central	418.375	4027.125	1076	250	250	0
1016	7521c	7521	Central	418.625	4027.125	1077	250	250	0
1017	7521d	7521	Central	418.875	4027.125	1078	250	250	0
1018	7521e	7521	Central	418.125	4027.375	1076	250	250	0
1019	7521f	7521	Central	418.375	4027.375	1076	250	250	0
1020	7521g	7521	Central	418.625	4027.375	1077	250	250	0
1021	7521h	7521	Central	418.875	4027.375	1078	250	250	0
1022	7521i	7521	Central	418.125	4027.625	1076	250	250	0
1023	7521j	7521	Central	418.375	4027.625	1076	250	250	0
1024	7521k	7521	Central	418.625	4027.625	1077	250	250	0
1025	7521l	7521	Central	418.875	4027.625	1078	250	250	0
1026	7521m	7521	Central	418.125	4027.875	1077	250	250	0
1027	7521n	7521	Central	418.375	4027.875	1077	250	250	0
1028	7521o	7521	Central	418.625	4027.875	1077	250	250	0
1029	7521p	7521	Central	418.875	4027.875	1078	250	250	0
1030	7521q	7521	Central	418.125	4028.125	1078	250	250	0
1031	7521r	7521	Central	418.375	4028.125	1077	250	250	0
1032	7521s	7521	Central	418.625	4028.125	1077	250	250	0
1033	7521t	7521	Central	418.875	4028.125	1078	250	250	0
1034	7521u	7521	Central	418.125	4028.375	1079	250	250	0
1035	7521v	7521	Central	418.375	4028.375	1078	250	250	0
1036	7521w	7521	Central	418.625	4028.375	1078	250	250	0
1037	7521x	7521	Central	418.875	4028.3125	1078	250	125	0
1038	7522a	7522	Central	419.8125	4027.4375	1084	125	125	0
1039	7522b	7522	Central	419.9375	4027.875	1085	125	250	0
1040	7540a	7540	Central	414.1875	4026.0625	1077	125	125	0
1041	7540b	7540	Central	414.375	4026.125	1077	250	250	0
1042	7540c	7540	Central	414.4375	4026.3125	1077	125	125	0
1043	7541a	7541	Central	415.125	4026.125	1077	250	250	0
1044	7541b	7541	Central	415.375	4026.125	1077	250	250	0
1045	7541c	7541	Central	415.625	4026.125	1077	250	250	0
1046	7541d	7541	Central	415.875	4026.125	1077	250	250	0
1047	7541e	7541	Central	415.125	4026.375	1078	250	250	0
1048	7541f	7541	Central	415.375	4026.375	1078	250	250	0
1049	7541g	7541	Central	415.625	4026.375	1078	250	250	0
1050	7541h	7541	Central	415.875	4026.375	1078	250	250	0
1051	7541i	7541	Central	415.125	4026.625	1077	250	250	0
1052	7541j	7541	Central	415.375	4026.625	1078	250	250	0
1053	7541k	7541	Central	415.625	4026.5625	1078	250	125	0
1054	7541l	7541	Central	415.875	4026.625	1078	250	250	0
1055	7541m	7541	Central	415.125	4026.875	1077	250	250	0
1056	7541n	7541	Central	415.3125	4026.875	1077	125	250	0

Source Area Geometry for July 2005 to June 2006									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1057	7541o	7541	Central	415.9375	4026.875	1077	125	250	0
1058	7541p	7541	Central	415.125	4027.125	1076	250	250	0
1059	7542a	7542	Central	416.125	4026.125	1077	250	250	0
1060	7542b	7542	Central	416.375	4026.125	1077	250	250	0
1061	7542c	7542	Central	416.625	4026.125	1077	250	250	0
1062	7542d	7542	Central	416.875	4026.125	1077	250	250	0
1063	7542e	7542	Central	416.125	4026.375	1077	250	250	0
1064	7542f	7542	Central	416.375	4026.375	1077	250	250	0
1065	7542g	7542	Central	416.625	4026.375	1077	250	250	0
1066	7542h	7542	Central	416.875	4026.375	1077	250	250	0
1067	7542i	7542	Central	417.125	4026.375	1076	250	250	0
1068	7542j	7542	Central	416.125	4026.625	1077	250	250	0
1069	7542k	7542	Central	416.375	4026.625	1077	250	250	0
1070	7542l	7542	Central	416.625	4026.625	1077	250	250	0
1071	7542m	7542	Central	416.875	4026.625	1076	250	250	0
1072	7542n	7542	Central	417.0625	4026.625	1076	125	250	0
1073	7542o	7542	Central	416.125	4026.875	1077	250	250	0
1074	7542p	7542	Central	416.375	4026.875	1077	250	250	0
1075	7542q	7542	Central	416.625	4026.875	1076	250	250	0
1076	7542r	7542	Central	416.875	4026.875	1076	250	250	0
1077	7542s	7542	Central	417.0625	4026.875	1076	125	250	0
1078	7543a	7543	Central	417.875	4025.6875	1079	250	125	0
1079	7543b	7543	Central	417.4375	4025.875	1078	125	250	0
1080	7543c	7543	Central	417.625	4025.875	1078	250	250	0
1081	7543d	7543	Central	417.875	4025.875	1078	250	250	0
1082	7543e	7543	Central	417.375	4026.1875	1077	250	125	0
1083	7543f	7543	Central	417.625	4026.125	1077	250	250	0
1084	7543g	7543	Central	417.875	4026.125	1077	250	250	0
1085	7543h	7543	Central	417.375	4026.375	1076	250	250	0
1086	7543i	7543	Central	417.625	4026.375	1076	250	250	0
1087	7543j	7543	Central	417.875	4026.375	1076	250	250	0
1088	7543k	7543	Central	417.1875	4026.625	1076	125	250	0
1089	7543l	7543	Central	417.375	4026.625	1075	250	250	0
1090	7543m	7543	Central	417.625	4026.625	1075	250	250	0
1091	7543n	7543	Central	417.875	4026.625	1076	250	250	0
1092	7543o	7543	Central	417.1875	4026.875	1076	125	250	0
1093	7543p	7543	Central	417.375	4026.875	1075	250	250	0
1094	7543q	7543	Central	417.625	4026.875	1075	250	250	0
1095	7543r	7543	Central	417.875	4026.875	1076	250	250	0
1096	7544a	7544	Central	418.125	4025.9375	1078	250	125	0
1097	7544b	7544	Central	418.375	4025.9375	1078	250	125	0
1098	7544c	7544	Central	418.625	4025.9375	1079	250	125	0
1099	7544d	7544	Central	418.8125	4025.9375	1080	125	125	0
1100	7544e	7544	Central	418.125	4026.125	1077	250	250	0

Source Area Geometry for July 2005 to June 2006									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1101	7544f	7544	Central	418.375	4026.125	1077	250	250	0
1102	7544g	7544	Central	418.625	4026.125	1078	250	250	0
1103	7544h	7544	Central	418.875	4026.125	1079	250	250	0
1104	7544i	7544	Central	418.125	4026.375	1076	250	250	0
1105	7544j	7544	Central	418.375	4026.375	1076	250	250	0
1106	7544k	7544	Central	418.625	4026.375	1077	250	250	0
1107	7544l	7544	Central	418.875	4026.375	1078	250	250	0
1108	7544m	7544	Central	418.125	4026.625	1076	250	250	0
1109	7544n	7544	Central	418.375	4026.625	1076	250	250	0
1110	7544o	7544	Central	418.625	4026.625	1077	250	250	0
1111	7544p	7544	Central	418.875	4026.625	1078	250	250	0
1112	7544q	7544	Central	418.125	4026.875	1076	250	250	0
1113	7544r	7544	Central	418.375	4026.875	1076	250	250	0
1114	7544s	7544	Central	418.625	4026.875	1077	250	250	0
1115	7544t	7544	Central	418.875	4026.875	1078	250	250	0
1116	7545a	7545	Central	419.125	4026.1875	1080	250	125	0
1117	7545b	7545	Central	419.3125	4026.1875	1081	125	125	0
1118	7545c	7545	Central	419.125	4026.375	1079	250	250	0
1119	7545d	7545	Central	419.375	4026.375	1080	250	250	0
1120	7545e	7545	Central	419.125	4026.625	1078	250	250	0
1121	7545f	7545	Central	419.375	4026.625	1079	250	250	0
1122	7545g	7545	Central	419.5625	4026.625	1081	125	250	0
1123	7545h	7545	Central	419.125	4026.875	1078	250	250	0
1124	7545i	7545	Central	419.375	4026.875	1079	250	250	0
1125	7545j	7545	Central	419.625	4026.875	1082	250	250	0
1126	7561a	7561	Central	412.5625	4025.375	1080	125	250	0
1127	7561b	7561	Central	412.6875	4025.4375	1080	125	125	0
1128	7561c	7561	Central	412.9375	4025.6875	1079	125	125	0
1129	7561d	7561	Central	413.0625	4025.8125	1078	125	125	0
1130	7561p	7561	Central	412.375	4025.375	1079	250	250	0
1131	7561q	7561	Central	412.4375	4025.5625	1079	125	125	0
1132	7561r	7561	Central	412.625	4025.625	1079	250	250	0
1133	7561s	7561	Central	412.8125	4025.625	1079	125	250	0
1134	7561t	7561	Central	412.5625	4025.8125	1077	125	125	0
1135	7561u	7561	Central	412.875	4025.8125	1078	250	125	0
1136	7562a	7562	Central	413.0625	4024.875	1080	125	250	0
1137	7562b	7562	Central	413.125	4025.125	1080	250	250	0
1138	7562c	7562	Central	413.375	4025.1875	1081	250	125	0
1139	7562d	7562	Central	413.625	4025.125	1081	250	250	0
1140	7562e	7562	Central	413.875	4025.1875	1080	250	125	0
1141	7562f	7562	Central	414.125	4025.1875	1079	250	125	0
1142	7562g	7562	Central	413.125	4025.375	1081	250	250	0
1143	7562h	7562	Central	413.375	4025.375	1081	250	250	0
1144	7562i	7562	Central	413.625	4025.375	1081	250	250	0

Source Area Geometry for July 2005 to June 2006									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1145	7562j	7562	Central	413.875	4025.375	1080	250	250	0
1146	7562k	7562	Central	414.125	4025.375	1079	250	250	0
1147	7562l	7562	Central	413.125	4025.625	1080	250	250	0
1148	7562m	7562	Central	413.375	4025.625	1080	250	250	0
1149	7562n	7562	Central	413.625	4025.625	1080	250	250	0
1150	7562o	7562	Central	413.875	4025.625	1079	250	250	0
1151	7562p	7562	Central	414.125	4025.625	1078	250	250	0
1152	7562q	7562	Central	413.1875	4025.8125	1078	125	125	0
1153	7562r	7562	Central	413.4375	4025.8125	1079	125	125	0
1154	7562s	7562	Central	413.625	4025.8125	1079	250	125	0
1155	7562t	7562	Central	413.875	4025.8125	1078	250	125	0
1156	7562u	7562	Central	414.125	4025.875	1077	250	250	0
1157	7562v	7562	Central	414.3125	4025.875	1077	125	250	0
1158	7564a	7564	Central	415.125	4025.125	1077	250	250	0
1159	7564b	7564	Central	415.375	4025.125	1077	250	250	0
1160	7564c	7564	Central	415.625	4025.125	1077	250	250	0
1161	7564d	7564	Central	415.875	4025.125	1078	250	250	0
1162	7564e	7564	Central	415.125	4025.375	1076	250	250	0
1163	7564f	7564	Central	415.375	4025.375	1076	250	250	0
1164	7564g	7564	Central	415.625	4025.375	1076	250	250	0
1165	7564h	7564	Central	415.875	4025.375	1077	250	250	0
1166	7564i	7564	Central	415.125	4025.625	1076	250	250	0
1167	7564j	7564	Central	415.375	4025.625	1076	250	250	0
1168	7564k	7564	Central	415.625	4025.625	1076	250	250	0
1169	7564l	7564	Central	415.875	4025.625	1077	250	250	0
1170	7564m	7564	Central	415.125	4025.875	1077	250	250	0
1171	7564n	7564	Central	415.375	4025.875	1076	250	250	0
1172	7564o	7564	Central	415.625	4025.875	1077	250	250	0
1173	7564p	7564	Central	415.875	4025.875	1077	250	250	0
1174	7565a	7565	Central	416.0625	4024.875	1079	125	250	0
1175	7565b	7565	Central	416.125	4025.125	1078	250	250	0
1176	7565c	7565	Central	416.125	4025.375	1078	250	250	0
1177	7565d	7565	Central	416.375	4025.375	1078	250	250	0
1178	7565e	7565	Central	416.625	4025.625	1078	250	250	0
1179	7565f	7565	Central	416.875	4025.625	1078	250	250	0
1180	7565g	7565	Central	416.625	4025.875	1078	250	250	0
1181	7565h	7565	Central	416.875	4025.875	1078	250	250	0
1182	7566a	7566	Central	417.375	4024.6875	1083	250	125	0
1183	7566b	7566	Central	417.375	4024.875	1083	250	250	0
1184	7566c	7566	Central	417.625	4024.9375	1083	250	125	0
1185	7566d	7566	Central	417.1875	4025.125	1081	125	250	0
1186	7566e	7566	Central	417.375	4025.125	1081	250	250	0
1187	7566f	7566	Central	417.625	4025.125	1082	250	250	0
1188	7566g	7566	Central	417.125	4025.375	1080	250	250	0

Source Area Geometry for July 2005 to June 2006									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1189	7566h	7566	Central	417.375	4025.375	1080	250	250	0
1190	7566i	7566	Central	417.625	4025.375	1080	250	250	0
1191	7566j	7566	Central	417.125	4025.625	1079	250	250	0
1192	7566k	7566	Central	417.375	4025.625	1079	250	250	0
1193	7566l	7566	Central	417.625	4025.625	1079	250	250	0
1194	7566m	7566	Central	417.875	4025.5625	1079	250	125	0
1195	7566n	7566	Central	417.125	4025.875	1078	250	250	0
1196	7566o	7566	Central	417.3125	4025.875	1078	125	250	0
1197	7566p	7566	Central	417.125	4026.125	1077	250	250	0
1198	7566q	7566	Central	417.375	4026.0625	1077	250	125	0
1199	7567a	7567	Central	418.125	4025.625	1079	250	250	0
1200	7567b	7567	Central	418.375	4025.625	1079	250	250	0
1201	7567c	7567	Central	418.625	4025.625	1080	250	250	0
1202	7567d	7567	Central	418.875	4025.625	1082	250	250	0
1203	7567e	7567	Central	418.125	4025.8125	1078	250	125	0
1204	7567f	7567	Central	418.375	4025.8125	1078	250	125	0
1205	7567g	7567	Central	418.625	4025.8125	1079	250	125	0
1206	7584a	7584	Central	412.125	4023.625	1078	250	250	0
1207	7584aa	7584	Central	412.125	4025.125	1079	250	250	0
1208	7584ab	7584	Central	412.375	4025.125	1079	250	250	0
1209	7584b	7584	Central	412.125	4023.875	1078	250	250	0
1210	7584c	7584	Central	412.3125	4023.875	1078	125	250	0
1211	7584d	7584	Central	412.1875	4024.125	1078	125	250	0
1212	7584e	7584	Central	412.375	4024.125	1078	250	250	0
1213	7584f	7584	Central	412.5625	4024.125	1078	125	250	0
1214	7584g	7584	Central	412.1875	4024.375	1079	125	250	0
1215	7584h	7584	Central	412.375	4024.375	1078	250	250	0
1216	7584i	7584	Central	412.625	4024.375	1079	250	250	0
1217	7584j	7584	Central	412.625	4024.625	1079	250	250	0
1218	7584k	7584	Central	412.8125	4024.625	1079	125	250	0
1219	7584l	7584	Central	412.625	4024.875	1079	250	250	0
1220	7584m	7584	Central	412.875	4024.875	1080	250	250	0
1221	7584n	7584	Central	412.625	4025.125	1079	250	250	0
1222	7584o	7584	Central	412.875	4025.125	1080	250	250	0
1223	7584p	7584	Central	411.9375	4023.625	1079	125	250	0
1224	7584q	7584	Central	411.9375	4023.875	1079	125	250	0
1225	7584r	7584	Central	412	4024.125	1079	250	250	0
1226	7584s	7584	Central	412	4024.375	1079	250	250	0
1227	7584t	7584	Central	411.9375	4024.625	1079	125	250	0
1228	7584u	7584	Central	412.125	4024.625	1079	250	250	0
1229	7584v	7584	Central	412.375	4024.625	1079	250	250	0
1230	7584w	7584	Central	411.9375	4024.875	1079	125	250	0
1231	7584x	7584	Central	412.125	4024.875	1079	250	250	0
1232	7584y	7584	Central	412.375	4024.875	1079	250	250	0

Source Area Geometry for July 2005 to June 2006									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1233	7584z	7584	Central	411.9375	4025.125	1079	125	250	0
1234	7587a	7587	Central	415.75	4024.4375	1080	250	125	0
1235	7587b	7587	Central	415.4375	4024.625	1078	125	250	0
1236	7587c	7587	Central	415.625	4024.625	1079	250	250	0
1237	7587d	7587	Central	415.875	4024.625	1079	250	250	0
1238	7587e	7587	Central	415.125	4024.875	1078	250	250	0
1239	7587f	7587	Central	415.375	4024.875	1078	250	250	0
1240	7587g	7587	Central	415.625	4024.875	1078	250	250	0
1241	7587h	7587	Central	415.875	4024.875	1079	250	250	0
1242	7589a	7589	Central	417.375	4023.9375	1089	250	125	0
1243	7589b	7589	Central	417.5625	4023.9375	1090	125	125	0
1244	7589c	7589	Central	417.375	4024.125	1087	250	250	0
1245	7589d	7589	Central	417.5625	4024.125	1089	125	250	0
1246	7589e	7589	Central	417.75	4024.1875	1090	250	125	0
1247	7589f	7589	Central	417.375	4024.3125	1086	250	125	0
1248	7589g	7589	Central	417.4375	4024.4375	1085	125	125	0
1249	7589h	7589	Central	417.625	4024.375	1087	250	250	0
1250	7589i	7589	Central	417.8125	4024.375	1089	125	250	0
1251	7589j	7589	Central	417.9375	4024.4375	1089	125	125	0
1252	7589k	7589	Central	417.75	4024.5625	1086	250	125	0
1253	7604a	7604	South	409.125	4023.125	1100	250	250	0
1254	7604b	7604	South	409.375	4023.125	1094	250	250	0
1255	7604c	7604	South	409.625	4023.125	1090	250	250	0
1256	7604d	7604	South	409.875	4023.125	1087	250	250	0
1257	7604e	7604	South	409.125	4023.375	1101	250	250	0
1258	7604f	7604	South	409.375	4023.375	1095	250	250	0
1259	7604g	7604	South	409.625	4023.375	1090	250	250	0
1260	7604h	7604	South	409.875	4023.3125	1087	250	125	0
1261	7604i	7604	South	409.125	4023.625	1101	250	250	0
1262	7604j	7604	South	409.375	4023.625	1095	250	250	0
1263	7604k	7604	South	409.5625	4023.5625	1091	125	125	0
1264	7604l	7604	South	409.125	4023.8125	1101	250	125	0
1265	7604m	7604	South	409.3125	4023.8125	1097	125	125	0
1266	7604n	7604	South	409.1875	4023.9375	1100	125	125	0
1267	7605a	7605	South	410.375	4023.1875	1080	250	125	0
1268	7605b	7605	South	410.625	4023.1875	1079	250	125	0
1269	7605c	7605	South	410.125	4023.375	1083	250	250	0
1270	7605d	7605	South	410.375	4023.375	1079	250	250	0
1271	7605e	7605	South	410.625	4023.375	1078	250	250	0
1272	7605f	7605	South	410.125	4023.625	1083	250	250	0
1273	7605g	7605	South	410.375	4023.625	1079	250	250	0
1274	7605h	7605	South	410.625	4023.625	1077	250	250	0
1275	7605i	7605	South	410.8125	4023.625	1078	125	250	0
1276	7605j	7605	South	410.125	4023.875	1083	250	250	0

Source Area Geometry for July 2005 to June 2006									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1277	7605k	7605	South	410.375	4023.875	1080	250	250	0
1278	7605l	7605	South	410.5625	4023.875	1078	125	250	0
1279	7606a	7606	South	410.125	4023.125	1084	250	250	0
1280	7606b	7606	South	410.375	4023.0625	1081	250	125	0
1281	7606c	7606	South	410.625	4023.0625	1079	250	125	0
1282	7606d	7606	South	410.875	4023.125	1079	250	250	0
1283	7606e	7606	South	411.625	4023.125	1080	250	250	0
1284	7606f	7606	South	411.8125	4023.125	1080	125	250	0
1285	7606g	7606	South	410.875	4023.375	1078	250	250	0
1286	7606h	7606	South	411.625	4023.375	1079	250	250	0
1287	7606i	7606	South	411.875	4023.375	1079	250	250	0
1288	7606j	7606	South	410.9375	4023.625	1078	125	250	0
1289	7606k	7606	South	411.125	4023.625	1078	250	250	0
1290	7606l	7606	South	411.375	4023.625	1079	250	250	0
1291	7606m	7606	South	411.625	4023.625	1079	250	250	0
1292	7606n	7606	South	411.8125	4023.625	1079	125	250	0
1293	7606o	7606	South	410.6875	4023.875	1078	125	250	0
1294	7606p	7606	South	410.875	4023.875	1078	250	250	0
1295	7606q	7606	South	411.125	4023.875	1079	250	250	0
1296	7606r	7606	South	411.375	4023.875	1079	250	250	0
1297	7606s	7606	South	411.625	4023.875	1079	250	250	0
1298	7606t	7606	South	411.8125	4023.875	1079	125	250	0
1299	7627a	7627	South	409.4375	4022.125	1089	125	250	0
1300	7627b	7627	South	409.875	4022.125	1085	250	250	0
1301	7627c	7627	South	409.125	4022.375	1098	250	250	0
1302	7627d	7627	South	409.375	4022.375	1092	250	250	0
1303	7627e	7627	South	409.625	4022.375	1089	250	250	0
1304	7627f	7627	South	409.875	4022.375	1087	250	250	0
1305	7627g	7627	South	409.625	4022.625	1090	250	250	0
1306	7627h	7627	South	409.875	4022.625	1087	250	250	0
1307	7627i	7627	South	409.625	4022.875	1090	250	250	0
1308	7627j	7627	South	409.875	4022.875	1087	250	250	0
1309	7628a	7628	South	410.125	4022.125	1084	250	250	0
1310	7628b	7628	South	410.375	4022.125	1082	250	250	0
1311	7628c	7628	South	410.625	4022.125	1081	250	250	0
1312	7628d	7628	South	410.875	4022.125	1082	250	250	0
1313	7628e	7628	South	410.125	4022.375	1085	250	250	0
1314	7628f	7628	South	410.375	4022.375	1083	250	250	0
1315	7628g	7628	South	410.625	4022.375	1082	250	250	0
1316	7628h	7628	South	410.875	4022.375	1082	250	250	0
1317	7628i	7628	South	410.125	4022.625	1085	250	250	0
1318	7628j	7628	South	410.375	4022.625	1083	250	250	0
1319	7628k	7628	South	410.625	4022.625	1082	250	250	0
1320	7628l	7628	South	410.875	4022.625	1082	250	250	0

Source Area Geometry for July 2005 to June 2006									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1321	7628m	7628	South	410.125	4022.875	1084	250	250	0
1322	7628n	7628	South	410.375	4022.875	1081	250	250	0
1323	7628o	7628	South	410.625	4022.875	1080	250	250	0
1324	7628p	7628	South	410.875	4022.875	1081	250	250	0
1325	7629a	7629	South	411.0625	4022.125	1083	125	250	0
1326	7629b	7629	South	411.125	4022.375	1082	250	250	0
1327	7629c	7629	South	411.375	4022.4375	1083	250	125	0
1328	7629d	7629	South	411.5625	4022.4375	1082	125	125	0
1329	7629e	7629	South	411.125	4022.625	1082	250	250	0
1330	7629f	7629	South	411.375	4022.625	1082	250	250	0
1331	7629g	7629	South	411.5625	4022.625	1082	125	250	0
1332	7629h	7629	South	411.125	4022.875	1081	250	250	0
1333	7629i	7629	South	411.375	4022.875	1081	250	250	0
1334	7629j	7629	South	411.625	4022.875	1081	250	250	0
1335	7633a	7633	Central	415.0625	4022.0625	1090	125	125	0
1336	7633b	7633	Central	415.1875	4022.125	1090	125	250	0
1337	7633c	7633	Central	415.375	4022.125	1091	250	250	0
1338	7633d	7633	Central	415.5625	4022.125	1092	125	250	0
1339	7633e	7633	Central	415.1875	4022.375	1089	125	250	0
1340	7633f	7633	Central	415.375	4022.375	1089	250	250	0
1341	7633g	7633	Central	415.625	4022.375	1090	250	250	0
1342	7633h	7633	Central	415.8125	4022.4375	1091	125	125	0
1343	7633i	7633	Central	415.375	4022.5625	1089	250	125	0
1344	7633j	7633	Central	415.4375	4022.6875	1088	125	125	0
1345	7633k	7633	Central	415.625	4022.625	1089	250	250	0
1346	7633l	7633	Central	415.875	4022.625	1090	250	250	0
1347	7633m	7633	Central	415.625	4022.8125	1089	250	125	0
1348	7633n	7633	Central	415.9375	4022.875	1089	125	250	0
1349	7650a	7650	South	409.9375	4021.375	1081	125	250	0
1350	7650b	7650	South	409.625	4021.625	1084	250	250	0
1351	7650c	7650	South	409.875	4021.625	1083	250	250	0
1352	7650d	7650	South	409.625	4021.8125	1085	250	125	0
1353	7650e	7650	South	409.875	4021.875	1084	250	250	0
1354	7651a	7651	South	410.5625	4021.125	1079	125	250	0
1355	7651b	7651	South	410.5625	4021.375	1080	125	250	0
1356	7651c	7651	South	410.125	4021.625	1082	250	250	0
1357	7651d	7651	South	410.375	4021.625	1080	250	250	0
1358	7651e	7651	South	410.625	4021.625	1080	250	250	0
1359	7651f	7651	South	410.125	4021.875	1083	250	250	0
1360	7651g	7651	South	410.375	4021.875	1081	250	250	0
1361	7651h	7651	South	410.625	4021.875	1081	250	250	0
1362	7651i	7651	South	410.8125	4021.8125	1082	125	125	0
1363	7651j	7651	South	410.875	4021.9375	1082	250	125	0
1364	7655a	7655	South	414.4375	4021.375	1087	125	250	0

Source Area Geometry for July 2005 to June 2006									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1365	7655b	7655	South	414.4375	4021.625	1087	125	250	0
1366	7655c	7655	South	414.625	4021.625	1088	250	250	0
1367	7655d	7655	South	414.4375	4021.875	1087	125	250	0
1368	7655e	7655	South	414.625	4021.875	1088	250	250	0
1369	7655f	7655	South	414.8125	4021.875	1089	125	250	0
1370	7655g	7655	South	414.9375	4021.9375	1089	125	125	0
1371	7655h	7655	South	414.625	4022.125	1087	250	250	0
1372	7655i	7655	South	414.875	4022.125	1089	250	250	0
1373	7655j	7655	South	415.0625	4022.1875	1089	125	125	0
1374	7655k	7655	South	414.875	4022.375	1088	250	250	0
1375	7655l	7655	South	415.0625	4022.375	1088	125	250	0
1376	7655m	7655	South	414.9375	4022.625	1087	125	250	0
1377	7655n	7655	South	415.125	4022.625	1088	250	250	0
1378	7655o	7655	South	415.3125	4022.6875	1088	125	125	0
1379	7655p	7655	South	415.125	4022.875	1087	250	250	0
1380	7655q	7655	South	415.375	4022.875	1088	250	250	0
1381	7655r	7655	South	415.625	4022.9375	1088	250	125	0
1382	7673a	7673	South	409.375	4020.125	1078	250	250	0
1383	7673c	7673	South	409.375	4020.375	1078	250	250	0
1384	7673d	7673	South	409.4375	4020.625	1078	125	250	0
1385	7673e	7673	South	409.625	4020.625	1077	250	250	0
1386	7673f	7673	South	409.875	4020.6875	1078	250	125	0
1387	7673g	7673	South	409.4375	4020.875	1080	125	250	0
1388	7673h	7673	South	409.626	4020.875	1079	250	250	0
1389	7673i	7673	South	409.875	4020.875	1079	250	250	0
1390	7673j	7673	South	410.0625	4020.9375	1079	125	125	0
1391	7673k	7673	South	409.625	4021.0625	1080	250	125	0
1392	7673l	7673	South	409.875	4021.125	1080	250	250	0
1393	7674a	7674	South	410.125	4020.125	1078	250	250	0
1394	7674aa	7674	South	411.875	4022.125	1082	250	250	0
1395	7674ab	7674	South	412.0625	4022.1875	1080	125	125	0
1396	7674ac	7674	South	411.375	4022.3125	1083	250	125	0
1397	7674ad	7674	South	411.625	4022.3125	1082	250	125	0
1398	7674ae	7674	South	411.6875	4022.4375	1082	125	125	0
1399	7674af	7674	South	411.875	4022.375	1081	250	250	0
1400	7674ag	7674	South	412.125	4022.375	1080	250	250	0
1401	7674ah	7674	South	411.6875	4022.625	1081	125	250	0
1402	7674ai	7674	South	411.875	4022.625	1080	250	250	0
1403	7674aj	7674	South	412.125	4022.625	1079	250	250	0
1404	7674ak	7674	South	412.375	4022.625	1078	250	250	0
1405	7674al	7674	South	411.875	4022.875	1080	250	250	0
1406	7674am	7674	South	412.125	4022.875	1079	250	250	0
1407	7674an	7674	South	412.3125	4022.8125	1078	125	125	0
1408	7674ao	7674	South	411.9375	4023.125	1079	125	250	0

Source Area Geometry for July 2005 to June 2006									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1409	7674ap	7674	South	412.125	4023.125	1079	250	250	0
1410	7674aq	7674	South	412.3125	4023.1875	1078	125	125	0
1411	7674ar	7674	South	412.125	4023.375	1078	250	250	0
1412	7674as	7674	South	412.3125	4023.3125	1078	125	125	0
1413	7674b	7674	South	410.375	4020.125	1079	250	250	0
1414	7674c	7674	South	410.625	4020.125	1080	250	250	0
1415	7674d	7674	South	410.125	4020.375	1077	250	250	0
1416	7674e	7674	South	410.375	4020.375	1078	250	250	0
1417	7674f	7674	South	410.625	4020.375	1079	250	250	0
1418	7674g	7674	South	410.375	4020.625	1078	250	250	0
1419	7674h	7674	South	410.625	4020.625	1079	250	250	0
1420	7674i	7674	South	410.4375	4020.875	1079	125	250	0
1421	7674j	7674	South	410.625	4020.875	1079	250	250	0
1422	7674k	7674	South	410.8125	4020.875	1080	125	250	0
1423	7674l	7674	South	410.6875	4021.125	1080	125	250	0
1424	7674m	7674	South	410.875	4021.125	1081	250	250	0
1425	7674n	7674	South	410.6875	4021.375	1080	125	250	0
1426	7674o	7674	South	410.875	4021.375	1081	250	250	0
1427	7674p	7674	South	411.0625	4021.375	1083	125	250	0
1428	7674q	7674	South	410.875	4021.625	1082	250	250	0
1429	7674r	7674	South	411.0625	4021.625	1083	125	250	0
1430	7674s	7674	South	410.9375	4021.8125	1082	125	125	0
1431	7674t	7674	South	411.125	4021.875	1083	250	250	0
1432	7674u	7674	South	411.375	4021.875	1084	250	250	0
1433	7674v	7674	South	411.625	4021.875	1084	250	250	0
1434	7674w	7674	South	411.8125	4021.875	1082	125	250	0
1435	7674x	7674	South	411.1875	4022.125	1083	125	250	0
1436	7674y	7674	South	411.375	4022.125	1083	250	250	0
1437	7674z	7674	South	411.625	4022.125	1083	250	250	0
1438	7676a	7676	South	412.6875	4020.1875	1078	125	125	0
1439	7676b	7676	South	412.875	4020.125	1079	250	250	0
1440	7676c	7676	South	412.4375	4020.4375	1076	125	125	0
1441	7676d	7676	South	412.625	4020.375	1077	250	250	0
1442	7676e	7676	South	412.8125	4020.375	1077	125	250	0
1443	7676f	7676	South	412.9375	4020.3125	1078	125	125	0
1444	7676g	7676	South	412.4375	4020.625	1076	125	250	0
1445	7676h	7676	South	412.625	4020.5625	1076	250	125	0
1446	7676i	7676	South	412.375	4020.8125	1077	250	125	0
1447	7677a	7677	South	413.0625	4020.1875	1080	125	125	0
1448	7677b	7677	South	413.375	4020.1875	1081	250	125	0
1449	7677c	7677	South	413.5625	4020.1875	1082	125	125	0
1450	7677d	7677	South	413.125	4020.3125	1079	250	125	0
1451	7677e	7677	South	413.1875	4020.4375	1078	125	125	0
1452	7677f	7677	South	413.375	4020.375	1080	250	250	0

Source Area Geometry for July 2005 to June 2006									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1453	7677g	7677	South	413.625	4020.375	1081	250	250	0
1454	7677h	7677	South	413.875	4020.375	1082	250	250	0
1455	7677i	7677	South	413.375	4020.625	1079	250	250	0
1456	7677j	7677	South	413.5625	4020.625	1080	125	250	0
1457	7677k	7677	South	413.6875	4020.5625	1080	125	125	0
1458	7678a	7678	South	414.125	4020.625	1083	250	250	0
1459	7678b	7678	South	414.375	4020.625	1084	250	250	0
1460	7678c	7678	South	414.625	4020.625	1087	250	250	0
1461	7678d	7678	South	414.1875	4020.875	1084	125	250	0
1462	7678e	7678	South	414.375	4020.875	1085	250	250	0
1463	7678f	7678	South	414.5625	4020.8755	1087	125	125	0
1464	7678g	7678	South	414.375	4021.0625	1086	250	125	0
1465	7678h	7678	South	414.4375	4021.1875	1086	125	125	0
1466	7696b	7696	South	409.625	4019.125	1082	250	250	0
1467	7696c	7696	South	409.875	4019.125	1082	250	250	0
1468	7696d	7696	South	409.1875	4019.4375	1082	125	125	0
1469	7696e	7696	South	409.375	4019.375	1080	250	250	0
1470	7696f	7696	South	409.625	4019.375	1078	250	250	0
1471	7696g	7696	South	409.875	4019.375	1079	250	250	0
1472	7696h	7696	South	409.1875	4019.5625	1081	125	125	0
1473	7696i	7696	South	409.375	4019.625	1078	250	250	0
1474	7696j	7696	South	409.625	4019.625	1077	250	250	0
1475	7696k	7696	South	409.875	4019.625	1078	250	250	0
1476	7696l	7696	South	409.4375	4019.875	1077	125	250	0
1477	7696m	7696	South	409.625	4019.875	1076	250	250	0
1478	7696n	7696	South	409.875	4019.875	1077	250	250	0
1479	7697a	7697	South	410.125	4019.125	1083	250	250	0
1480	7697b	7697	South	410.375	4019.125	1084	250	250	0
1481	7697c	7697	South	410.5625	4019.1875	1084	125	125	0
1482	7697d	7697	South	410.125	4019.375	1081	250	250	0
1483	7697e	7697	South	410.375	4019.375	1082	250	250	0
1484	7697f	7697	South	410.625	4019.375	1082	250	250	0
1485	7697g	7697	South	410.875	4019.4375	1081	250	125	0
1486	7697h	7697	South	410.125	4019.625	1079	250	250	0
1487	7697i	7697	South	410.375	4019.625	1080	250	250	0
1488	7697j	7697	South	410.625	4019.625	1081	250	250	0
1489	7697k	7697	South	410.875	4019.625	1081	250	250	0
1490	7697l	7697	South	411.125	4019.625	1081	250	250	0
1491	7697m	7697	South	410.125	4019.875	1079	250	250	0
1492	7697n	7697	South	410.375	4019.875	1080	250	250	0
1493	7697u	7697	South	410.625	4019.875	1080	250	250	0
1494	7697v	7697	South	410.875	4019.875	1080	250	250	0
1495	7697w	7697	South	411.125	4019.875	1081	250	250	0
1496	7697x	7697	South	411.3125	4019.875	1081	125	250	0

Source Area Geometry for July 2005 to June 2006									
No.	**Source ID**	**Sensit Assigned**	**K-Factor Area**	**Xcen (km)**	**Ycen (km)**	**z(m)**	**dx (m)**	**dy (m)**	**angle (deg)**
1497	7697y	7697	South	411.4375	4019.9375	1081	125	125	0
1498	7697z	7697	South	411.375	4020.0625	1081	250	125	0