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NASA Space Geodesy Program— GSFC Data Analysis—1992

Final Report of the Crustal Dynamics Project VLBI Geodetic Results 1979–91

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Final Report of the Crustal Dynamics Project VLBI Geodetic Results 1979–91

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FINAL CRUSTAL DYNAMICS PROJECT DATA ANALYSIS

I. INTRODUCTION

This report documents the final results obtained by the Goddard Crustal Dynamics Project VLBI Data Analysis Team from the analysis of the Mark III VLBI geodetic data available to the Crustal Dynamics Project (CDP) from 1979 to 1991, inclusive. These results are available from the Crustal Dynamics Data Information System (CDDIS) in printed form, on computer tape, on 3.5" IBM-PC diskettes, or electronically. Future reports will be continued by the NASA Space Geodesy Program--GSFC supporting the activities of the NASA headquarters Dynamics of the Solid Earth program.

There are significant differences, summarized below, between the data and analysis presented in this year's annual report and those of previous years.

- The *a priori* right ascension of the quasar radio source 0420-014, which has less structure resolvable on long baselines than 3C273B, is used to define the origin of right ascension for the celestial reference frame.

- The terrestrial reference frame in the current report is defined within a single terrestrial reference frame solution using all data, fixed and mobile, rather than using two solutions.

- November 22, 1985 is the reference day for nutation and Earth orientation rather than November 6, 1986 as the Earth orientation parameters (EOP) in the session conducted on the former date have smaller 1-σ standard statistical errors.

- The United States Naval Observatory (USNO) concrete series, a daily series, was used for *a priori* EOP values.

- EOP rates were not estimated within the solutions.

- Kalman filtering was applied to the EOP series generated in the celestial and terrestrial reference frame solution to generate an *a priori* VLBI EOP file for use in the baseline solution.

- A continuous, piecewise-linear position model was used for the position of HRAS 085.

The origin of the terrestrial reference frame in the current solution is not as close to the origin of the 1990 International Terrestrial Reference Frame (ITRF90) (Boucher, 1990) as in the previous annual report. Also, the results from the WESTFORD antenna are no longer mapped to HAYSTACK in the tables for HAYSTACK as in some previous annual reports.

A VLBI delay model contained in the International Earth Rotation Service (IERS) standards (McCarthy, 1989) was used for the analysis. The model has a comprehensive treatment of special and general relativity and is correct at the level of a few picoseconds. The baseline lengths are in a geocentric coordinate frame in the general relativistic sense.

Data from fixed stations, mobile sites, and transportable antennas obtained in observing sessions sponsored by the CDP, the Geoscience Laboratory (GSL)--formerly the National Geodetic Survey (NGS), the U.S. Naval Observatory (USNO), three German organizations--the Institute of Applied Geodesy (IfAG), the Geodetic Institute of the University of Bonn, and the Geodetic Research Institute, and four Japanese institutions--the Geographical Survey Institute (GSI), the National Astronomical Observatory (NAO), the Communications Research Laboratory (CRL), and the National Space Development Agency (NASDA) are included in this report. The fixed and mobile data are combined in the analysis and presented together. The VLBI group delay observable is primarily used in the analysis. Phase delay observations are only used in five sessions discussed below. Much of the material is presented graphically to give the user greater insight into data quality and geodynamic implications. However, all the underlying results are available in the machine-readable version of this report. The results presented here are complete in that they include all available relevant VLBI data and supersede results given in previous reports. The values were estimated from two new least-squares adjustments designated GLB867 and GLB868, which are discussed in section IV.

Site velocities have been estimated directly for 63 sites. Sufficient data are lacking to estimate velocities for another 32 sites. One site, HRAS 085, was treated as a special case, discussed later. These site velocities are tabulated with reference positions at January 1, 1988 in geocentric Cartesian coordinates. The correlation matrix for these positions and velocities is included so that the site positions and uncertainties can be extrapolated to other epochs. Additionally, annual site positions and uncertainties for 1979-95 derived from these velocities are tabulated for ease of interpolation. Velocities for these same sites are also tabulated in topocentric coordinates; horizontal rates, azimuths and 1-σ standard statistical error ellipsoid parameters are included. The velocities are also given in the no-net-rotation NUVEL-1 tectonic plate motion model (Argus and Gordon, 1991).

Each tabular section of this report is introduced by a page that describes the section contents in detail. The information on these introductory pages is collected in the file CONTENTS.92 in the machine-readable version.

II. DATA

A. Instrumentation

The Mark III instrumentation is described in detail by Rogers *et al.* (1983) and Clark *et al.* (1985). Its most important characteristic is the ability to sample and record up to 28 discrete frequency channels simultaneously, each up to 4-MHz in bandwidth. The standard CDP practice was to use 14 frequency channels of 2-MHz bandwidth, 8 applied to X-band (spanning 360 MHz around 8.4 GHz) and 6 to S-band (spanning 85 MHz near 2.3 GHz). Some CDP research and development sessions and some USNO sessions starting in September 1991 used twice the standard spanned bandwidth and twice the standard single channel bandwidth. Observations on individual sources run from 90 to 800 seconds. Real-time logging of barometric pressure, temperature, relative humidity, and cable length calibrations is an integral part of the Mark III system. Hydrogen masers serve as both time and frequency standards for all observing sessions. Phase calibration tones are injected into the receiver front end providing reference signals to remove instrumental dispersion.

B. Observing Programs

The CDP made VLBI measurements in several geographic areas on different scales, as described below. In addition, the GSL with IfAG and other agencies coordinates the IRIS program, which observes for 24 hours at regular intervals to monitor Earth rotation. Similarly, the USNO NAVNET program also monitors Earth rotation with another network. Data from the CDP, the USNO, the NGS/GSL, the GSI, and the Geodetic Institute of the University of Bonn, are the basis for the current analysis. There exist high-precision Mark III VLBI data that are not included here. These include CDP source surveys, IRIS daily 1-hour UT1 sessions, and some observations sponsored by the Deep Space Network, the U.S. Naval Observatory and the Naval Research Laboratory for astrometry and Earth rotation.

Mobile measurements use the Mark III recording, logging and timing systems described above for all VLBI observations. The antennas are mounted on platforms and the electronics are contained in trailers, both of which can be transported by truck, air, or barge. Mobile observations always employ several fixed-base stations and one or more mobile units. The unit designated MV-1, the original mobile system, was stationed at the Vandenberg Air Force Base in 1983 and used there as a base station until the summer of 1990. It was later moved to Yellowknife (YLOW7296) where it went into service in the summer of 1991. After CDP mobile operations ceased in the summer of 1991, the MV-2 system was deployed in Europe. MV-3 was moved permanently to the Goddard Space Flight Center as part of the Goddard Geophysical and Astronomical Observatory (GGAO).

The vector from a ground geodetic monument to the VLBI reference point of the mobile antenna (eccentricity) is recorded for each session. A single reference geodetic monument is used at each mobile site although the antenna may have been placed over different monuments for different site occupations. The eccentricity data were compiled by the NGS/GSL for the CDP and are available in the machine-readable version of this report in a file named ECCDAT.

The GSI employs a transportable 5-m antenna at some Japanese sites. This system is assembled on a permanent foundation for the duration of a campaign and then is disassembled and transported to another site. No eccentricity is applied at the GSI sites. Consequently the VLBI position is at the intersection of the antenna axes.

The results presented here use the complete mobile data set for the period 1982-91. Earlier single-frequency experiments are unusable because of the inability to calibrate the ionosphere.

The purposes of the various observing programs include:

Advance Technology Development (ATD), CDP sessions to test and improve observing strategies using fixed stations in North America.

Alaska, CDP sessions to monitor motions at several Alaskan mobile sites including three sites in seismic gaps near the boundary between the Pacific and North American plates. The last observations in this program were in the summer of 1990. There are currently no plans to continue the program.

Atlantic, U.S. to Europe sessions sponsored by the CDP designed to measure motion between North America and Europe.

California, mobile sessions sponsored by the CDP carried out to measure regional deformation and episodic motion in California especially at sites associated with the San Andreas fault. The last of these observations were made in the summer of 1991 and there are no plans for further measurements.

East Atlantic, U.S. to Europe sessions sponsored by the CDP to measure motion between North America and Europe with emphasis on European stations.

Europe mobile, mobile observing sessions carried out by the NGS/GSL for various European agencies at BREST, CARNUSTY, GRASSE, HOHENFRG, METSOHVI, TROMSONO and TRYSILNO.

German Transasia, sessions sponsored by the Geodetic Institute of the University of Bonn, using stations in Germany, South Africa, China, and Japan.

Global, sessions sponsored by the CDP designed to measure a network spanning the Earth.

Japan CRL, session sponsored by the CRL to determine the local tie between KASHIMA and KASHIM34.

Japan GSI, sessions sponsored by the GSI using fixed stations and a transportable 5-m antenna to provide fiducial points and to measure regional deformation in and around Japan.

Intra-Europe, sessions sponsored by various agencies using fixed stations to measure networks within Europe.

IRIS-A and POLARIS, NGS-sponsored sessions designed primarily to monitor Earth rotation. POLARIS sessions began in November 1980 with HAYSTACK and HRAS 085 and were scheduled every 7 days. ONSALA60 participated monthly when possible. HAYSTACK was replaced by WESTFORD in June 1981. In August 1983 operations were increased to five-day intervals. Two new stations, RICHMOND and WETTZELL, were brought on-line in late 1983 and IRIS-A became fully operational in 1984. HRAS 085 was replaced with MOJAVE12 during the summer of 1989. Until April 1991 IRIS-A undertook one 24-hour session every 5 days with MOJAVE12, RICHMOND, WESTFORD, and WETTZELL with the monthly participation of ONSALA60. (Since then, IRIS-A and NAVNET each observe once a week.) Whenever possible, ONSALA60 continues to observe monthly. MEDICINA also participates occasionally. Operational support of the IRIS network passed from the NGS to the GSL in October 1991.

IRIS-A EUR (European), sessions scheduled by adding a mobile unit at a European site during a regularly scheduled IRIS-A session.

IRIS-P (Pacific), observing sessions carried out by the Japanese NAO Earth Rotation Division using KASHIMA, KASHIM34, NOBEY 6M and stations in the U.S. and Australia.

IRIS-S (South Africa), observing sessions carried out by the NGS/GSL using HARTRAO and the IRIS-A stations in Europe and the U.S.

Local Survey Ties, mobile sessions involving short baselines for establishing local ties between fixed-antenna reference points and ground monuments used in other (such as satellite laser ranging or Global Positioning System) networks.

MERIT, a series of sessions in 1980 sponsored by the International Association for Geodesy and the International Union for Geodesy and Geophysics to prove the efficacy of modern techniques in monitoring

Earth rotation.

NCMN (National Crustal Motion Network), NGS-sponsored sessions to establish a grid of fiducial points across the U.S.

NAVEX, USNO NAVNET sessions with the addition of a European station to the network to improve the determination of UT1.

NAVNET, USNO sessions designed to obtain precise measurement of Earth orientation and nutation parameters using only U.S. stations.

North American Plate Stability, transcontinental sessions sponsored by the CDP designed to measure the internal stability of the North American Plate.

Pacific, CDP sessions designed to measure networks in the Pacific Basin.

Polar, CDP sessions involving stations in Europe, the conterminous U.S., Alaska, and Japan. These sessions link the global VLBI reference frame by using stations that typically do not observe together in the same network.

Research and Development, CDP sessions designed to test innovations in hardware and scheduling techniques.

Transasia, sessions sponsored by the CDP using fixed stations in Europe, Africa, Australia, and Asia.

Trans-U.S., sessions sponsored by the CDP using fixed stations on the east and west coast of the U.S.

USNO Test, early USNO sessions done in preparation for NAVNETs.

Western Canada, sessions using mobile units in western Canada and sometimes MV-1 at Yellowknife to establish a grid of fiducial points and measure the internal stability of the North American Plate.

Western U.S., mobile sessions sponsored by the CDP to measure deformation across the Basin and Range Province and in the boundary zone between the North American and Pacific plates. These sessions have been discontinued.

In Table 2.1 of this report each observing session name is followed by a program name, often preceded by the name of the sponsoring agency.

C. Phase Delay Observations

Phase delay observations were attempted in a total of fifteen sessions. However, in the analysis presented in this report phase delay data were only used in five sessions, $84JAN07X, $84JAN14XP, $91MAY16X, $91MAY30X, and $91JUN04X. The intrinsic precision of the phase delay is considerably better than that of the group delay, but the small size of the phase delay ambiguity limits its geodetic applications to short baselines or special schedules.

III. DATA ANALYSIS METHODS

A. Processing and Data Handling

Most of the CDP data discussed here were correlated by the Haystack Mark III correlator. Some IRIS data were correlated at the Max Planck Institute for Radio Astronomy in Bonn (FRG). Beginning in 1986, most IRIS and some CDP data were processed at the Washington correlator at the U.S. Naval Observatory. All three correlators have identical designs, but their capabilities depend on the number of tape drives and high-density heads. Some data involving KASHIMA were correlated at Kashima using the Japanese K-3 correlator. For the purposes of this report the output of the four Mark III-compatible correlators can be considered indistinguishable. The output of these correlators is sent to either the analysis center at the Goddard Space Flight Center or similar centers at the GSL in Rockville, MD, and the USNO in Washington, DC where the data are organized by session and frequency band into Mark III databases. Calibration data, solar system ephemerides, Earth orientation information, *a priori* parameter values, partial derivatives, and theoretical delays and rates are added to each database prior to actual data analysis. In the analysis process information about editing, ambiguity resolution, solution parametrization, and data-variance-modification is added to the databases. The final database files are available to investigators from the CDDIS. The Mark III Data Base System utilities required to read the files have been implemented on HP1000, VAX 11/780, and HP-9000 series 300, 700, and 800 computer systems.

B. Models

The models generally conform to the IERS standards (McCarthy, 1989), except the permanent tide correction, which is not applied. The *a priori* precession and nutation models are the J2000.0 and IAU 1980 models, respectively. Daily nutation offsets are estimated to overcome the deficiencies in these models. The *a priori* Earth orientation parameters from the USNO concrete series are interpolated to each observation epoch and then modified by the standard IERS model for short-period tidal variations in UT1. Daily polar motion and UT1 values are estimated. The tidal potential used to compute the effect of solid Earth tides is calculated using the JPL DE 200 ephemeris; the values of the Love numbers are 0.60967 for Love h, 0.085 for Love l, and zero for the phase lag. A pole tide model is also used. General relativistic solar deflection and retardation is modeled using 1.0 (Einstein's value) for γ. An axis offset model is applied for each antenna where the pointing axes do not intersect. The internationally defined value of the speed of light (299,792,458. m/sec) is used. The geophysical and astronomical models are embodied in the program CALC 7.6 developed by the Goddard VLBI group. Mark III observations are calibrated for the delay caused by charged particles in the line of sight (ionosphere and extraterrestrial plasma) by generating new observables that are linear combinations of the X-band and S-band observations. To the extent that the delay effects of charged particles have a purely inverse frequency-squared dependence, these new observables are free of charged-particle effects.

The tropospheric delay is divided into two components, the 'hydrostatic' delay (often loosely called 'dry' delay) computed from total pressure and a 'wet' delay due to additional delay caused by water vapor. The hydrostatic delay for each observation is calibrated using the Saastamoinen model (Saastamoinen, 1972) for the hydrostatic zenith delay mapped to the elevation of the observation with the MTT model (Herring, 1992), which requires measurements of local pressure, temperature and humidity. Sometimes, valid meteorological measurements were not available and site-dependent static values were substituted. The wet delay is not calibrated. The entire effect is estimated using the method described below in Section D.

Cable calibration, i.e., corrections for variations in the electrical length of the cable carrying timing signals from the maser frequency standard to the receiver, is applied where available and useful.

C. The GLOBL Analysis System

The GLOBL analysis system supports the adjustment of parameters using an arbitrarily large set of data within the memory limits of the Goddard VLBI workstation facility. GLOBL is a batch extension of the interactive SOLVE system developed by the Goddard VLBI group and is used for all routine large solutions. After a database for one observing session has been fully updated using SOLVE, a 'superfile' retaining the necessary information is created. The complete set of superfiles is the potential input to GLOBL. GLOBL processes the selected superfiles sequentially, in each step applying arc parameter elimination and carrying the global parameters forward. See the appendix of Ma *et al.* (1990) for a rigorous discussion of this process. 'Arc' parameters are those relevant only to a single database, e.g., clock and atmosphere parametrization for a single session, UT1 and polar motion, and daily nutation adjustments. 'Global' parameters are those whose estimated values may be affected by more than one observing session, e.g., source positions and site velocities. Coefficients of the nutation series, the precession constant, and Love numbers of the solid Earth tide are other possible global parameters. Depending on the purpose of the GLOBL solution, station coordinates can be treated as either global or arc parameters.

Since at each step GLOBL handles only the global parameters and arc parameters required for a single database, large solutions including many days of data are possible using computers of modest size. Current program and machine size constraints limit the maximum number of global parameters in one solution to 1536 and the maximum number of arc and global parameters to 1536 per arc. Sequential processing does entail two passes through the data. After the first pass the values of the global parameters are known. The second pass is necessary to recover the arc parameter values and the solution statistics. The two passes give a solution that is identical to a conventional one-step, least-squares estimation of the entire ensemble of estimated parameters without the need for inversion of enormous matrices.

D. Parametrization of the Site Troposphere and Clock

SOLVE can model short-term variations in the troposphere and clock at each site. For a given site the effects of uncalibrated (primarily 'wet') tropospheric delay are modeled with a continuous, piecewise-linear function. This function models the evolution of the site's residual tropospheric zenith path delay. The durations of the linear segments are specified for a given solution and are uniform. Durations from 20 minutes to the length of the observing session are possible, but a duration of 60 minutes has been found to provide the degrees of freedom needed to accommodate most real, uncalibrated troposphere variations. The troposphere parameters estimated using the MTT mapping function are the initial zenith path delay offset and the offset at the endpoint of each linear segment. The initial offset is unconstrained, and the rates of each segment are constrained by assigning them an *a priori* value of 0 ps/hr and an uncertainty of 50 ps/hr. The nominal slope constraint is based on a study of actual weather observations (Herring, personal communication; Treuhaft and Lanyi, 1987). For some sessions with unusual weather the rate constraint is relaxed. However, over a wide range of constraints--10 ps/hour to nearly unconstrained rates--the geodetic parameters are virtually insensitive to the size of the troposphere constraint, and the errors of the geodetic parameters are sensitive only at the level of a few percent. The critical element of the troposphere estimation method is that it permits short-term variation in the residual troposphere while enforcing continuity in the estimation.

Similarly, the clock estimation algorithm is designed to model short-term, random clock variations while enforcing realistic physical constraints on continuity and rates of change. When all clocks are 'well-behaved' the algorithm is as follows: the clock at one site is designated the reference clock and the differences between that clock and the other site clocks are modeled. These differences are modeled as the sum of two functions--a second-order polynomial and a continuous, piecewise-linear function with an initial value of zero. The three coefficients of the polynomial correspond to clock epoch offset, clock frequency offset, and clock frequency drift. They are unconstrained in the solution because these parameters can be arbitrarily large for real hydrogen masers. In the piecewise-linear function, the offset at the end of each linear segment is estimated. Typically, the linear segments are each one hour long and the rate of change is constrained to be consistent with the Allan variance of a hydrogen maser at 1 hour. For this report the normal constraint is 5 parts in 10^{14}. In a few sessions clocks performed poorly, e.g., experiencing epoch jumps or substandard frequency stability. These sessions require more complicated modeling beyond the scope of the present discussion.

E. Earth Orientation Parameters

Different Earth orientation parameter series can be applied during analysis by using the EOP partial derivatives to map the observables from the *a priori* values to new values. In addition, uncertainties and correlations associated with the EOP series can be applied as an *a priori* covariance matrix. If an *a priori* EOP covariance is applied and both EOP and site positions are simultaneously adjusted as arc parameters, then the uncertainties associated with the input EOP series will be correctly propagated into the site and baseline components.

F. VLBI Observables

Two VLBI observables were used in some past analyses, group delay and phase delay rate. Tests with GLOBL solutions on large data sets show that the delay rates may add noise to the baseline measurements as indicated by the consistency of linear baseline evolution. Consequently, delay rate data were not used for the results given in this report.

IV. DATA ANALYSIS RESULTS

A. Solution GLB867

The purpose of the GLB867 solution was to establish terrestrial and celestial reference frames and to estimate EOP values, uncertainties, and correlations from the ensemble of data available to the CDP, including POLARIS/IRIS, NAVNET and NAVEX sessions. Observations at less than five degrees elevation were excluded from this solution because of the inability to adequately model the troposphere at elevations this low. Weak *a priori* uncertainties of 45 milliarcseconds for X and Y pole offsets and 3 ms for UT1 were applied so that all three values could be estimated from single-baseline sessions.

The orientation of the celestial reference frame was defined by the instantaneous values of precession and nutation for the reference day, November 22, 1985, computed from the standard models and by holding the right ascension of the quasar 0420-014 fixed at its *a priori* value. All other source coordinates were adjusted as global parameters. The origin and orientation of the terrestrial reference frame were defined by the following conditions. The coordinate system was that in which the *a priori* motion of the various plates is defined by the no-net-rotation NUVEL-1 model of global tectonic plate motion. The origin of the VLBI reference frame was defined by the *a priori* position of WESTFORD at the station reference epoch January 1, 1988. The orientation of the frame was defined by the Earth orientation interpolated from USNO Concrete series to the epochs of the observations of the EOP reference day November 22, 1985. Since the positions of stations except WESTFORD and the velocities of stations with sufficient data except WESTFORD and HRAS 085 were adjusted, further constraints were required for a well-defined frame. The direction of the vector from WESTFORD in Massachusetts to RICHMOND in Florida was constrained to change according to the NUVEL-1 model although the position of RICHMOND and the magnitude of the vector were adjusted.

The vertical rate at KAUAI was constrained to zero to provide a good vertical definition. Several pairs of sites, FORT ORD and FORTORDS, KASHIMA and KASHIM34, DSS65 and ROBLED32, SESHAN25 and SHANGHAI, KAUAI and HALEAKAL, MOJAVE12 and MOJ 7288, and OVRO 130 and OVR 7833 are geographically close enough to be considered identical for geodetic purposes. The velocities at these pairs of sites were linked, i.e., constrained to be equal after adjustment, to strengthen the solution and to propagate the positions.

Stations whose velocities were not estimated, including WESTFORD, moved according to the *a priori* NUVEL-1 model. An episodic motion model, which allows for discontinuous motion at individual sites, was used for five sites: YAKATAGA, SOURDOGH, WHTHORSE, PRESIDIO, and FORTORDS. Because of its anomalous behavior, the position of HRAS 085 was modeled with a continuous piecewise-linear function (similar to that used to model the tropospheric delay) with 2-month linear segments and a rate constraint of 30 mm/yr. These constraints served to define a robust reference frame. The VLBI site coordinates and corresponding EOP/nutation values provide a self-consistent transformation between VLBI celestial and terrestrial reference frames. The GLB867 solution included 864359 group delays in 1648 observing sessions, most approximately 1 day long. There were 1080 global parameters (station positions, selected station velocities, and source positions) and 326021 arc parameters. There were 657379.2 degrees of freedom, including fractional degrees of freedom associated with the troposphere, clock, and EOP constraints. The weighted rms fit was 43.5 ps and the reduced χ^2 was 1.06. The source positions in Table 3.1, the site positions and velocities in Section 4 and 5, and the Earth orientation parameters plotted in Section 9 of this Annual Report were generated by this solution.

B. Solution GLB868

The purpose of the GLB868 solution was to produce tables of baseline evolution from the ensemble of VLBI data without *a priori* assumptions about tectonic plate motion. The station coordinates were therefore treated as arc parameters, i.e., they were allowed to vary from session to session, subject only to the constraint of being estimated with a global set of source coordinate values and an *a priori* EOP series.

The EOP information generated in GLB867 was first culled to remove results from sessions for which EOP were poorly determined. Typically, these were mobile sessions or sessions with single baselines, although the single baseline POLARIS sessions were included to avoid large gaps in the early data. These results were then processed using a Kalman filter (Morabito, 1988) to produce a smoothed daily series that was then used as the *a priori* EOP series in GLB868 to estimate orthogonal baseline components and geocentric site positions for each observing session.

The GLB868 solution included 864359 group delays in 1648 observing sessions. There were 318 global parameters (source positions) and 340736 arc parameters. There were 649293.3 degrees of freedom. The weighted rms fit was 42.8 ps and the reduced χ^2 was 1.04. The baseline component results presented in Section 6 and 7 were generated in GLB868.

C. Results

1. Station Coordinates and Velocities

Table 4.1 contains the position of each fixed station and mobile site in geocentric Cartesian coordinates in the VLBI reference frame at the station reference epoch, January 1, 1988. The adjusted site velocities are also included with the position/velocity correlation matrix in lower triangular form. Because of its anomalous behavior, HRAS 085 has been tabulated separately in Table 4.2. Table 4.3 includes velocities and their respective 1-σ error ellipses in topocentric coordinates for the same sites. For each site in Table 4.3 the corresponding deviation from NUVEL-1 velocities is included for comparison. These same results are available in machine-readable form with the full station position and velocity correlation matrix corresponding to Table 4.1. Sites whose velocities were assumed from NUVEL-1 can be identified in these tables by zero uncertainties in velocity. Site positions and uncertainties at January 1 of each year from 1979-95, also generated from solution GLB867, are found in Tables 5.1 through 5.17 of this report. Site positions and their associated uncertainties were propagated using the reference epoch positions, the velocities (either adjusted or NUVEL-1), and the relevant covariances. The position uncertainties do not change with time for sites whose velocities were not adjusted, i.e., no provision has been made to propagate the errors of the underlying NUVEL-1 model.

All mobile results are referred to ground monuments using the eccentricity data obtained during each observing session. The results for MV-1 at Vandenberg and Yellowknife are also referred to a ground monument. The fixed antenna results are referred to a position in the antenna structure. For an antenna with intersecting axes, the VLBI reference point is at the intersection of axes. For an offset axis antenna, the VLBI reference point is at the point of intersection of the fixed axis with the plane perpendicular to the fixed axis containing the moving axis. The CDP monument number of each mobile ground monument and fixed-station antenna reference point is shown in Table 1.2.

Discontinuous motions have been suspected at WHTHORSE and observed at YAKATAGA and SOURDOGH (Ma *et al.*, 1990) and at some sites in northern California, notably FORTORDS and PRESIDIO (Clark *et al.*, 1990). In the solution GLB867 motions at these sites have been permitted to exhibit an instantaneous displacement on dates corresponding to the large earthquakes believed responsible for the discontinuous behavior. The site velocities were assumed to be the same before and after these displacements. Two entries for each of these stations appear in the tables of station positions. The first does not take into account the instantaneous displacement, while the second does. HRAS 085 in Texas has also exhibited peculiar behavior. Consequently, no velocities were determined for HRAS 085. Instead positions have been independently determined using the continuous piecewise-linear method with 2-month intervals and a constraint of 30 mm/yr. These positions may be found in Table 4.2 tabulated by the beginning epoch of each position.

The histograms of 1-σ standard statistical errors in topocentric positions and velocities are given in Figures 1 and 2, respectively, separated for fixed stations and mobile sites. These histograms show that the east components are the best determined. The east component has smaller errors than the north component due to the geometry of the observing networks. The up components are the most poorly determined because of the strong correlation between the up and atmosphere parameters. The mobile site components are generally not as well determined as the fixed station components, particularly in the up direction because of the inability of the mobile systems to observe at low elevations. It should be noted that the position errors in the histograms are at the station reference epoch, January 1, 1988. For a station with adjusted velocity, the errors are influenced by the strength of the velocity determination and the time between the reference epoch and the mean observation epoch for the station. For a station with velocity fixed at the *a priori* NUVEL-1 value, the error is applicable at the mean epoch of observations. Such stations generally have single occupations that span several days.

Included in this report are maps of the observed motions of VLBI fixed stations and mobile sites. The horizontal velocity vectors as determined by VLBI in solution GLB867 are shown with their respective 3-σ error ellipses. The NUVEL-1 plate motion model was used to determine *a priori* velocity vectors for each site. These vectors, shown without error ellipses, are included on the map at each site and station for

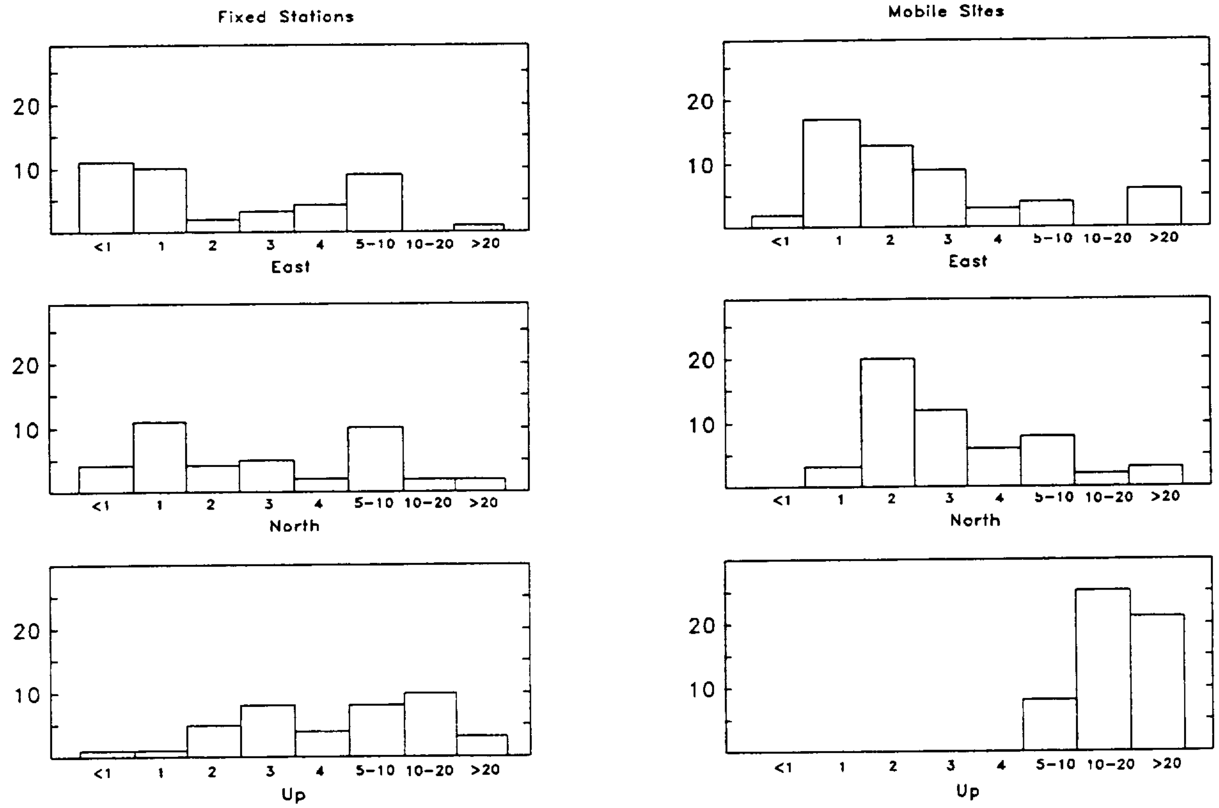

Figure 1. One-σ standard statistical errors (mm) in position at January 1, 1988.

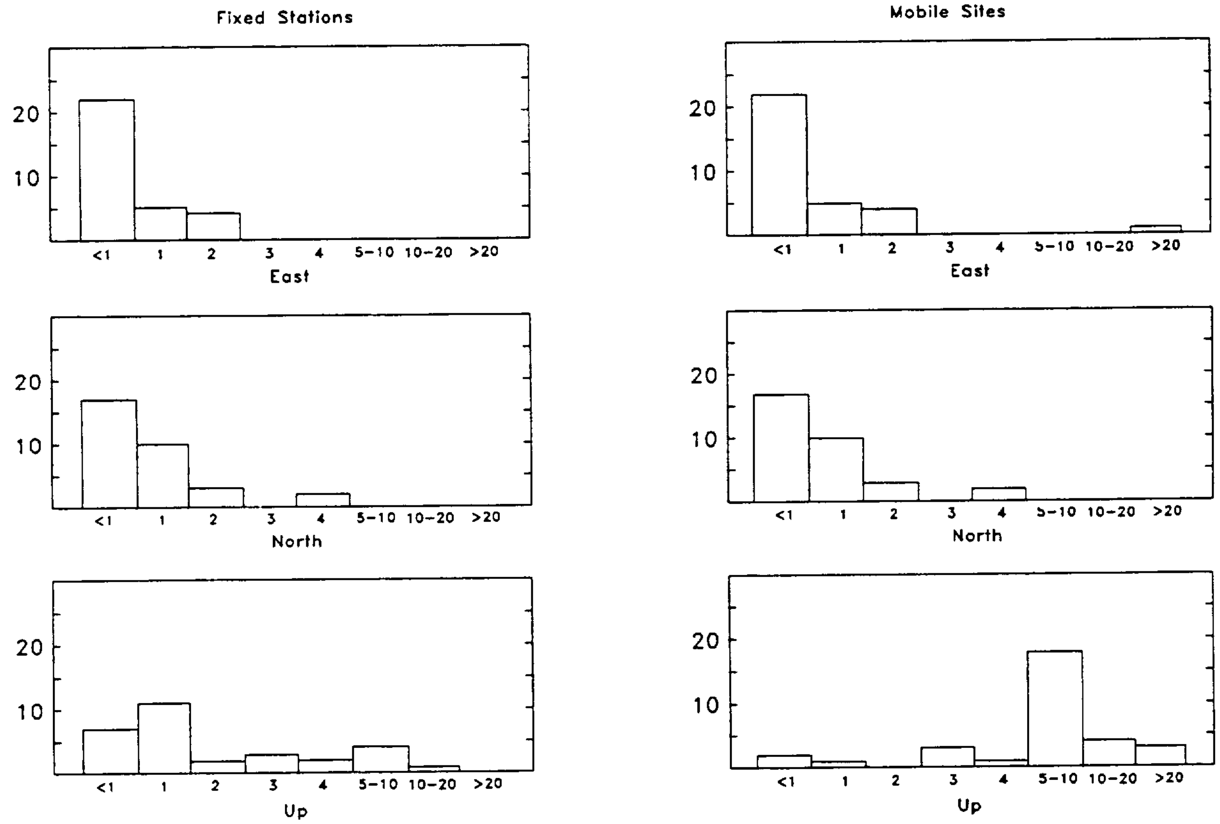

Figure 2. One-σ standard statistical errors in velocity (mm/yr).

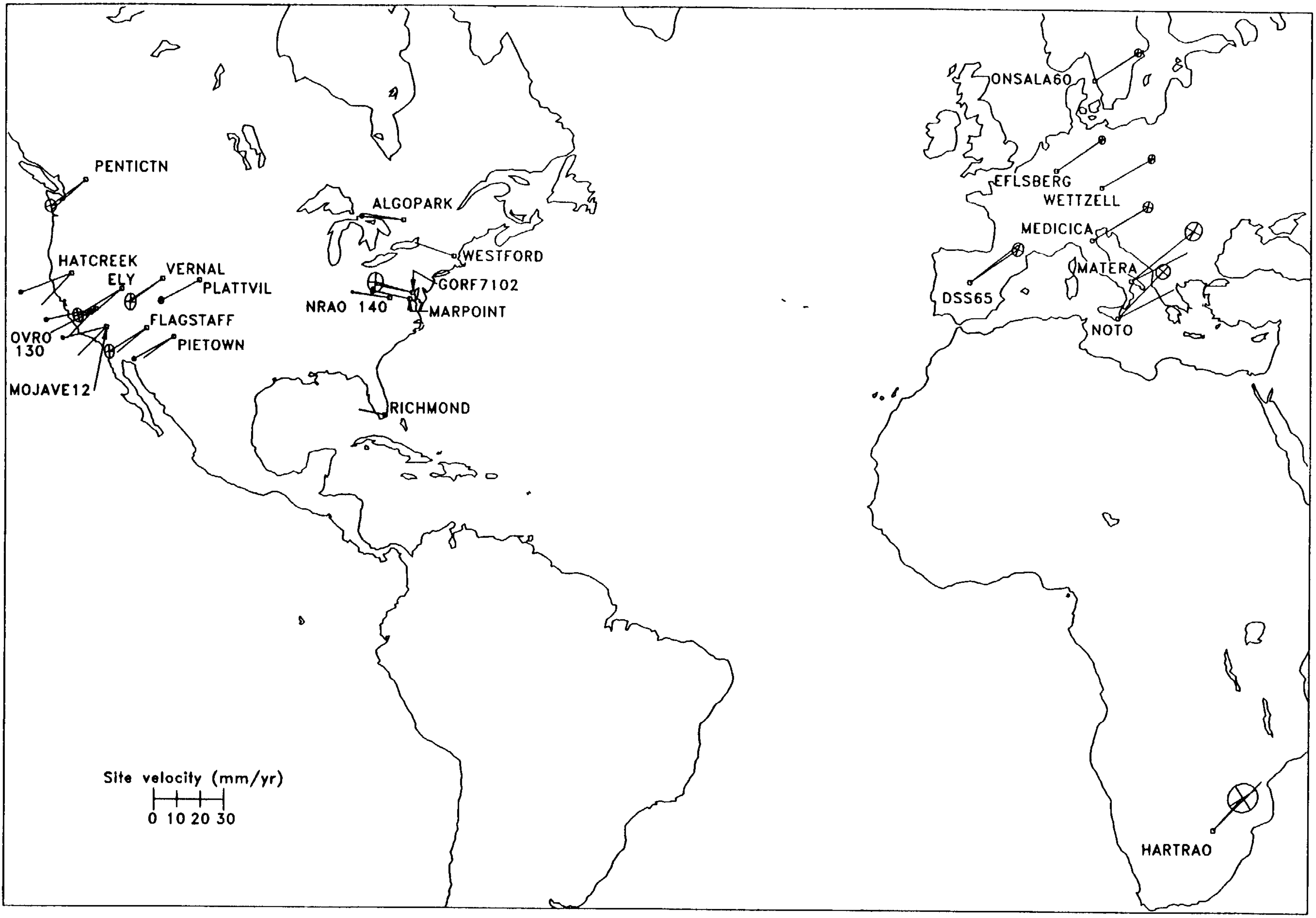

Figure 3. Transatlantic and trans-U.S. site velocities (3-σ error ellipses) from GLB867.

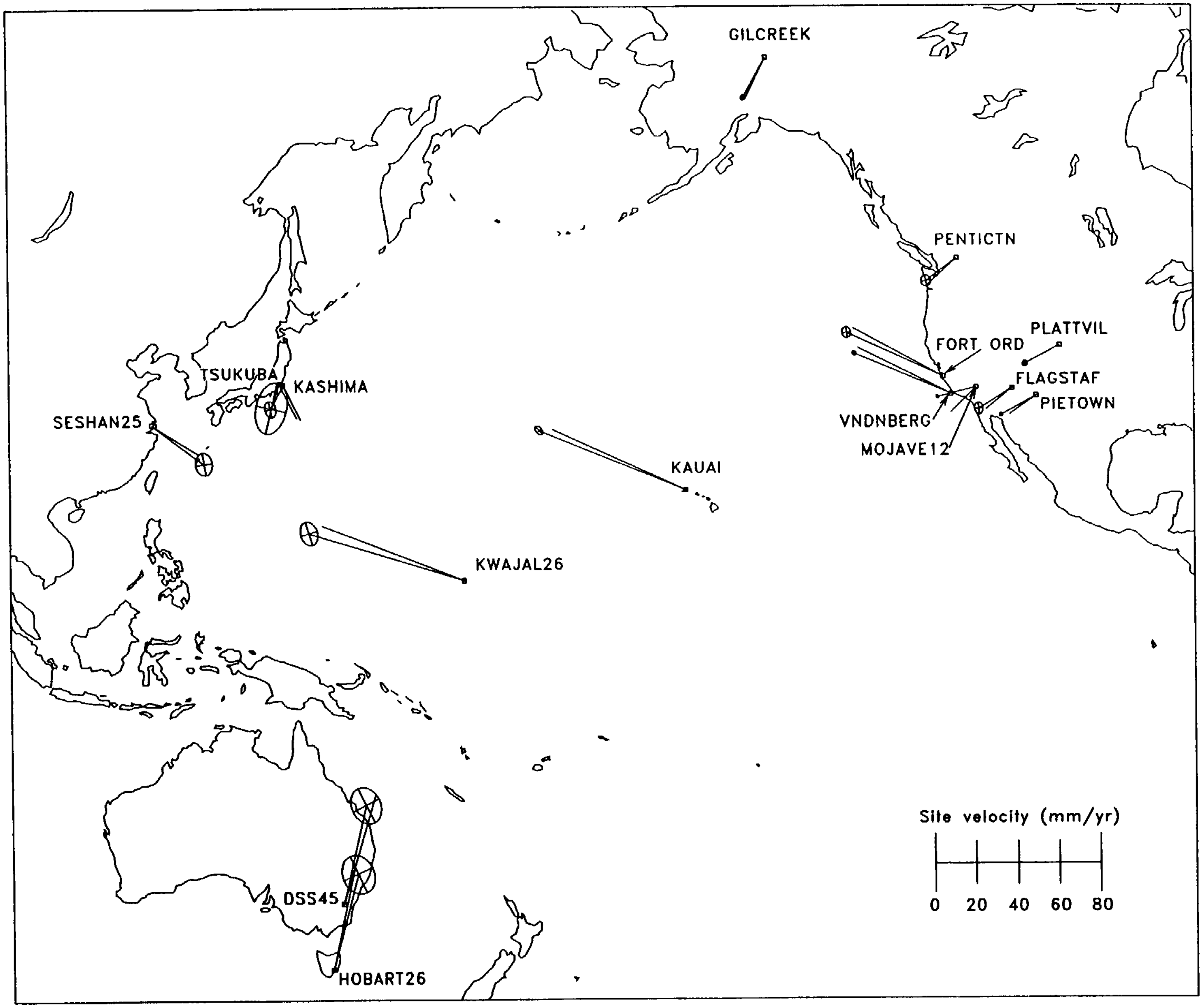

Figure 4. Pacific site velocities (3-σ error ellipses) from GLB867.

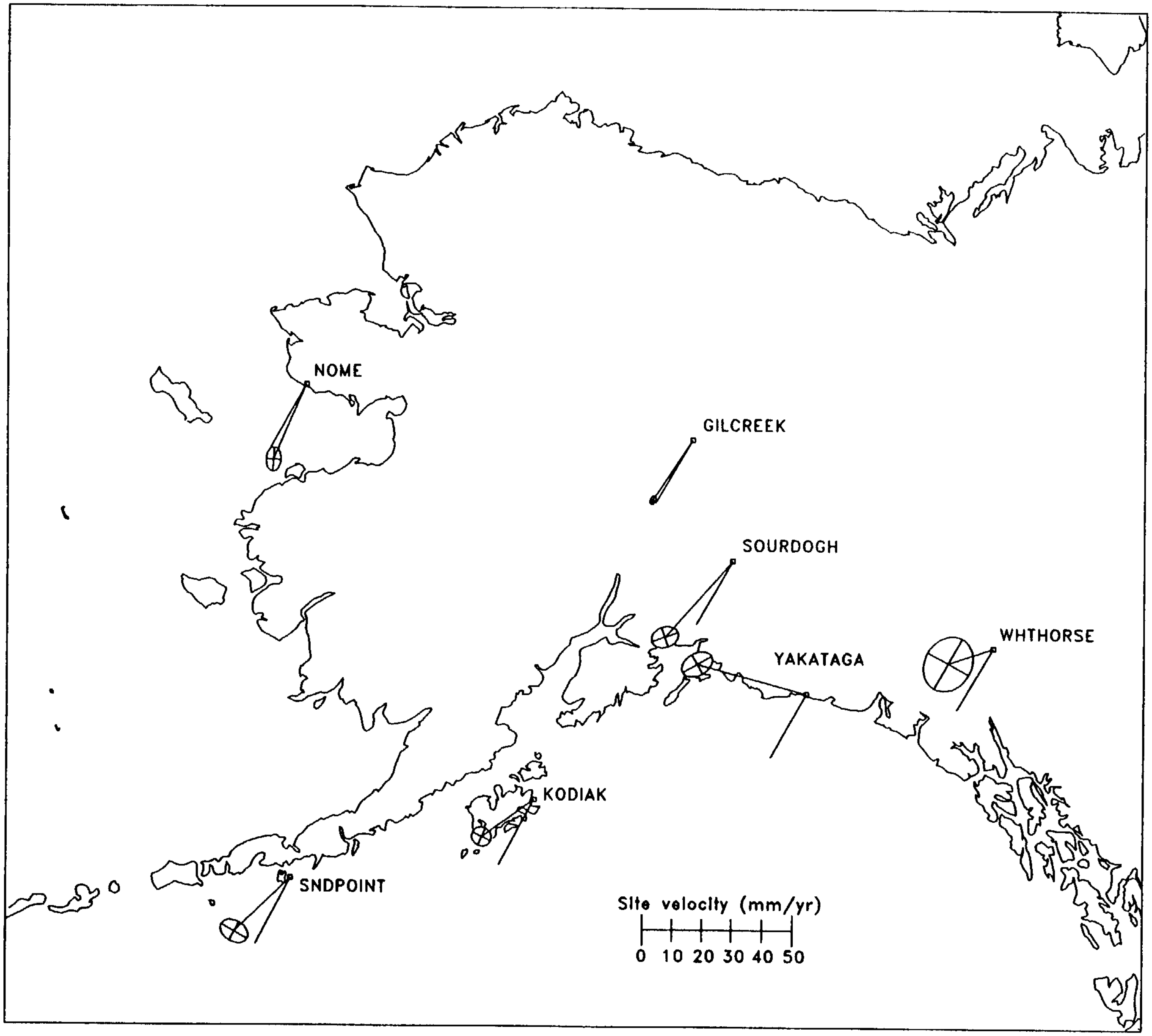

Figure 5. Alaskan and northwestern Canadian site velocities (3-σ error ellipses) from GLB867.

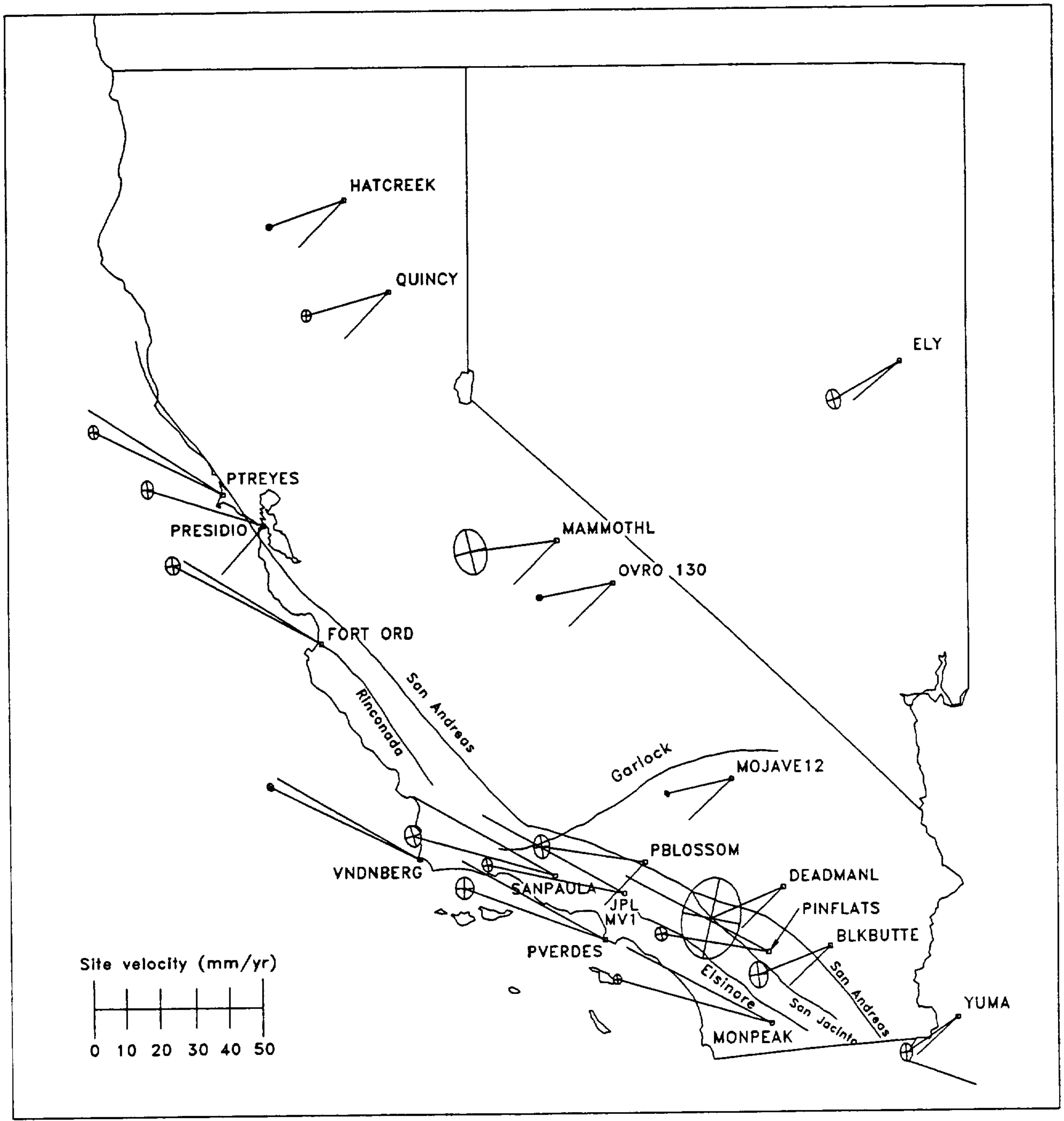

Figure 6. Southwestern U.S. site velocities (3-σ error ellipses) from GLB867.

comparison. The plate that was assumed for each site and station is shown in Table 1.2.

Figure 3 is a map of the fixed stations used for IRIS-A, IRIS-S, and Atlantic sessions and some stations in western North America. The close agreement between the *a priori* and adjusted vectors for stations in eastern North America is a consequence of the choice of stations (WESTFORD and RICHMOND) used to establish the VLBI terrestrial reference frame and the absence of significant deformation.

Figures 4 through 6 are similar maps of fixed station and selected mobile site velocities in and around the Pacific, in Alaska and northwestern Canada, and in the southwestern U.S. respectively.

The machine-readable report also contains the geocentric, Cartesian coordinates of each fixed station and mobile site for each session from solution GLB868 arranged alphabetically and tabulated chronologically. It should be noted that the position for a given epoch is in the coordinate system defined by the (arbitrary) reference station for that observing session and that different sessions having unrelated observing networks will have different reference stations. The positions of the reference stations do not change with time. Estimated station coordinates and correlations between station coordinates for each observing session are also available, tabulated chronologically in the machine-readable report.

2. Baseline Evolution

The evolution of each baseline is presented in three orthogonal components: length, transverse, and vertical, illustrated below in figure 7. The baseline length is the chord distance between the reference points at the two ends. The reference point for a fixed station is within the antenna structure. The reference point at a mobile site, at VNDNBERG, and at YLOW7296 is a ground survey monument near the mobile antenna.

The transverse direction for a given baseline is defined by the cross product of the *a priori* baseline vector from station 1 to station 2 with the *a priori* geocentric vector to station 2. The transverse component is the adjustment from the *a priori* baseline vector in the direction perpendicular to the baseline vector and directed toward the horizon at either site, and is defined such that a clockwise rotation seen from above is positive in sign.

The vertical direction is perpendicular to the length and transverse directions and is radially inward at the center of the baseline. For short baselines the baseline vertical direction is close to the topocentric vertical direction at either site. The vertical component is the adjustment from the *a priori* baseline vector in the baseline vertical direction.

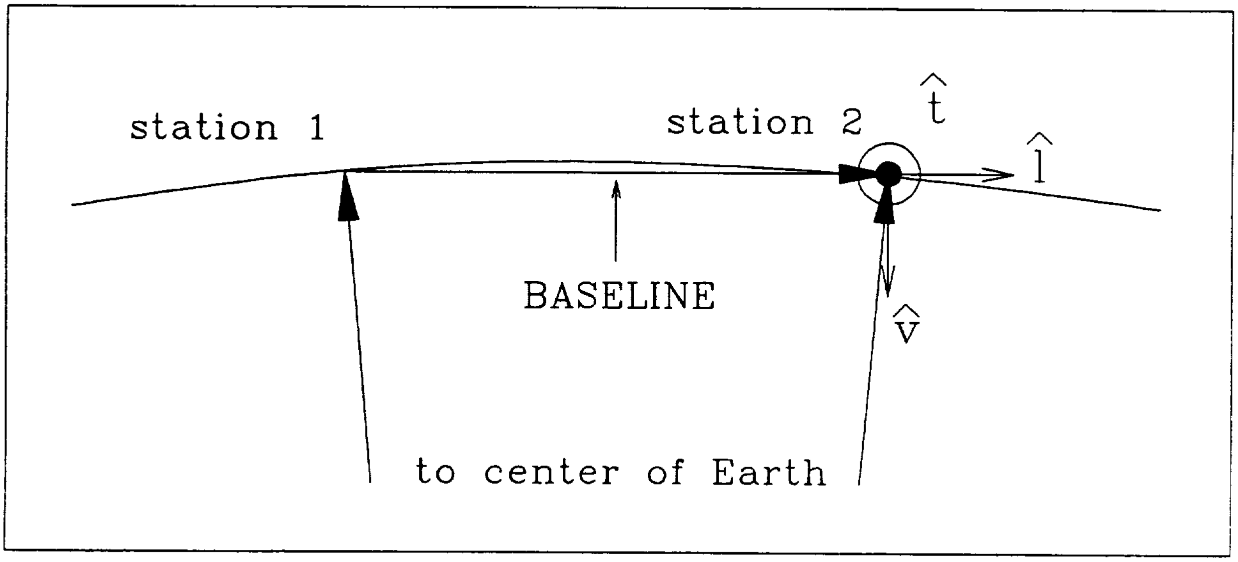

Figure 7. Baseline component axes. The figure is in the plane containing both the stations and the center of the Earth. Unit vectors $\hat{l}$, $\hat{t}$, and $\hat{v}$, for the length, transverse, and vertical components, respectively are shown at station 2. The unit vector in the transverse direction is directed outward from the page.

A positive change in the vertical component indicates an upward displacement of station 1 with respect to station 2. Note that a change in baseline length will also cause a change in the baseline vertical component, especially for longer baselines. The vertical component is the most poorly determined from VLBI data.

The transverse component is strongly dependent on a precise, consistent orientation of the terrestrial reference frame as defined in an EOP series. For the GLB868 solution the EOP series derived from solution GLB867 was applied. The baseline evolution plots for WESTFORD to GILCREEK, HRAS 085, and RICHMOND clearly show transverse rates that are larger than 25 times their respective errors. This is because the sites shared the motion of the North American Plate in the *a priori* model of the solution that produced the EOP series. Had the EOP series been generated in solution with no *a priori* North American plate motion these baselines would have shown little or no transverse motion. The uncertainties and correlations of the EOP values from GLB867 were propagated by GLOBL into the errors of the baseline components. The largest effect is on the transverse error. The vertical error, being dominated by other effects, is weakly affected and the length error is independent of orientation.

Summaries of the relevant statistics of the baseline components and their rates of change as determined from the results of solution GLB868 appear in Tables 6.1 through 6.4 in this report. These tables include the weighted mean baseline length values, the weighted rms scatter about the mean length values, and, where a useful value could be computed, the mean rate of change of baseline length over the span of the entire available data. The rate of change is not presented if there were fewer than five observing sessions or if the sessions did not span at least two years. The baseline length at January 1, 1988 is also tabulated for those baselines for which rates were determined. The least-squares mean and rate estimates were based on the 1-σ standard statistical errors of the individual baseline length values. The stated error for each mean and rate value was computed by scaling the 1-σ standard statistical error from the least-squares estimate by the square root of the reduced χ^2 of the fit. The weighted rms fit of the data about the best-fit line is also given where relevant. Similar information is given for the transverse and vertical components, except that the mean and reference epoch values, being from an arbitrary origin, are omitted.

Section 7 (Figures 7-2 through 7-201 and Tables 7.202-7.557) present the time evolution of these same baselines. The baseline results are presented in print in several forms: summaries of baseline rates and consistency, plots of the three baseline components as functions of time with the line of best fit and a dashed line showing the motion predicted by NUVEL-1, and tables of values for baselines with an insufficient number of measurements for useful plotting. The machine-readable report contains all the baseline data arranged first alphabetically, then chronologically.

3. Earth Orientation Parameters

Earth orientation results from solution GLB867 are presented graphically in print and are tabulated with their correlations in the machine-readable version. Because VLBI cannot measure absolute Earth orientation, a reference day, November 22, 1985, was selected to fix the geographic pole and UT1 angle. The reference day X, Y, and UT1 values were linearly interpolated from the USNO concrete series, which is a daily series.

The results from single-baseline sessions (POLARIS and scattered others) are insensitive to Earth rotations around the baseline direction and therefore measure only two components of Earth rotation. These two components are linear combinations of UT1 and polar motion. To handle these sessions in a mathematically rigorous fashion, UT1 and both components of polar motion are estimated using weak constraints. The resulting EOP values, uncertainties, and correlations correctly represent the Earth rotation information content of the sessions. It is critical that users of the Earth rotation data from the single-baseline sessions account for not only the values and their uncertainties but also for the correlations.

The tabular values are the unmodified results from the GLB867 solution. In particular, no smoothing has been applied, and no corrections have been made to remove known tidal variations from the UT1 values. For comparison with IERS Bulletin B values or other smoothed series, the tidal terms should be removed from the UT1 values.

The nutation offsets from the IAU 1980 nutation series, estimated in solution GLB867 for each session, are tabulated in the machine-readable version and are plotted in the printed report. These offsets are with respect to the celestial pole of the reference day November 22, 1985, which is defined by the conventional precession and nutation models.

D. Uncertainty of Estimated Parameters

The uncertainty for all estimated parameters are 1-σ standard statistical errors computed from the covariance matrix of the relevant solution. The weight applied to each observation includes three terms: SNR measurement error, ionosphere calibration error from the SNR of X- and S-band observations, and normalizing white noise root-sum-square added for each session. The last term is computed for each session such that the reduced χ^2 of the fit from a standard single-session solution is reduced to near unity. In the standard solution, site positions are estimated using a good *a priori* source catalog without adjustment and the continuous, piecewise-linear clock and atmosphere parametrization discussed above. It is evident from the χ^2s of baseline components that the 1-σ standard statistical errors of the EOP are underestimates of the real errors.

V. DIFFERENCES WITH PAST RESULTS

Subtle changes in the manner in which the terrestrial reference frame was defined and the addition of another year of data have resulted in some noteworthy differences in the analysis results.

In solution GLB867 the more compact quasar radio source 0420-014 was used to define the origin of right ascension for the celestial reference frame, rather than the older standard, 3C273B used in previous solutions which has considerable structure resolvable on long baselines. The right ascensions are shifted although relative right ascensions are unchanged. Also, in past solutions, the orientation of the VLBI reference frame has been defined by the Earth orientation interpolated from BIH Circular D to the epochs of the observations of the EOP reference day November 6, 1986. In GLB867 a different reference day, November 22, 1985, was chosen as the VLBI EOP on that day have smaller errors, and the USNO Concrete series has replaced the BIH Circular D values.

These three changes result in a terrestrial reference frame that is rotated about the position of Westford with respect to previously defined VLBI reference frames. As it may be desirable to transform the station positions in the terrestrial reference frame defined in GLB867 to a standard reference frame a least-squares adjustment was used to determine the seven-parameter transformation that minimizes the differences between the positions of those stations common to both GLB867 and the ITRF91. The seven parameters determined are a translation, three rotations about the origin, and a scale change whose values are presented below:

Transformation from GLB867 to ITRF91

	Translation (mm)	Rotation (10^{-9} radians)
X	127.1 ± 2.8	-6.39 ± 0.56
Y	12.8 ± 2.8	2.17 ± 0.55
Z	-34.0 ± 2.7	17.0 ± 0.30

Scale change = -1.16 ± .34 ppb

Applying this transformation to the GLB867 1988.0 positions moves them to the ITRF91. Additionally, a comparison of the total velocities estimated in GLB867 with those estimated in GLB753 from the last annual report reveals several small but marginally significant (2-3 σ) differences for many stations with several years of data. These differences remain in a test solution that uses the ensemble of data gathered through 1991 with the same contraints as in GLB753, but are greatly reduced when the same constraints are applied but the 1991 data omitted. The velocity of SEATTLE1 whose first occupation was within a weak network is poorly defined because of the single solution defining the reference frame.

VI. QUALITY OF RESULTS

A. Trends in Quality Improvement

In the last two issues of the CDP VLBI annual report (Caprette *et al.*, 1990, and Ma *et al.*, 1992) we discussed the quality of the raw Mark III observations and the results obtained with them. This section updates those discussions. We assume that the reader is already familiar with the terms used here.

1. Post-fit Delay Residuals

Figure 8 is a plot of the post-fit weighted rms residual delay (*wrmsrd*) for the 1648 one-day observing sessions of global solution GLB868. The + symbols are the *wrmsrd*s for each session and the connected points are 120-day boxcar averages of the *wrmsrds*. Figures 9, 10, 11, and 12 show the results for the IRIS-A, CDP-fixed, NAVNET, and CDP mobile sessions, respectively. The sections of Figure 8 spanning 1980-89 and 1980-90 show the same data as the comparable figures in the 1990 and 1991 annual reports, respectively. The current results for these observing sessions are nearly identical to those in the earlier reports; changes in the analysis in the intervening year have no effect on the results in any way visible in these figures. As early as 1985 there is a pattern in the *wrmsrd* with a minimum in the (northern hemisphere) winter and a maximum in the summer. The conventional explanation is that increased water vapor and relatively unsettled weather conditions during the summer cause large, difficult-to-model fluctuations in the tropospheric delay. Northern hemisphere considerations are dominant because only four sites are in the southern hemisphere and on a per station basis these sites contribute much less data than many sites in the northern hemisphere. The *wrmsrd* has minima in January, 1989 and January, 1990. As was seen in last year's annual report the results for 1990 are poorer than those for the comparable period of the previous year. We stated that the cause of the poorer *wrmsrd* was not degraded performance by the stations but changes in observing strategy and more complicated networks. (Ma *et al.*, 1992) We also stated that these changes had been fully realized and that the trend of increasing *wrmsrd* should cease. We now have the actual results for 1991. Our prediction was incorrect. The NAVNET and CDP-mobile plots results were slightly better, the CDP-fixed-site results were slightly poorer, and the IRIS-A were noticeable poorer. We

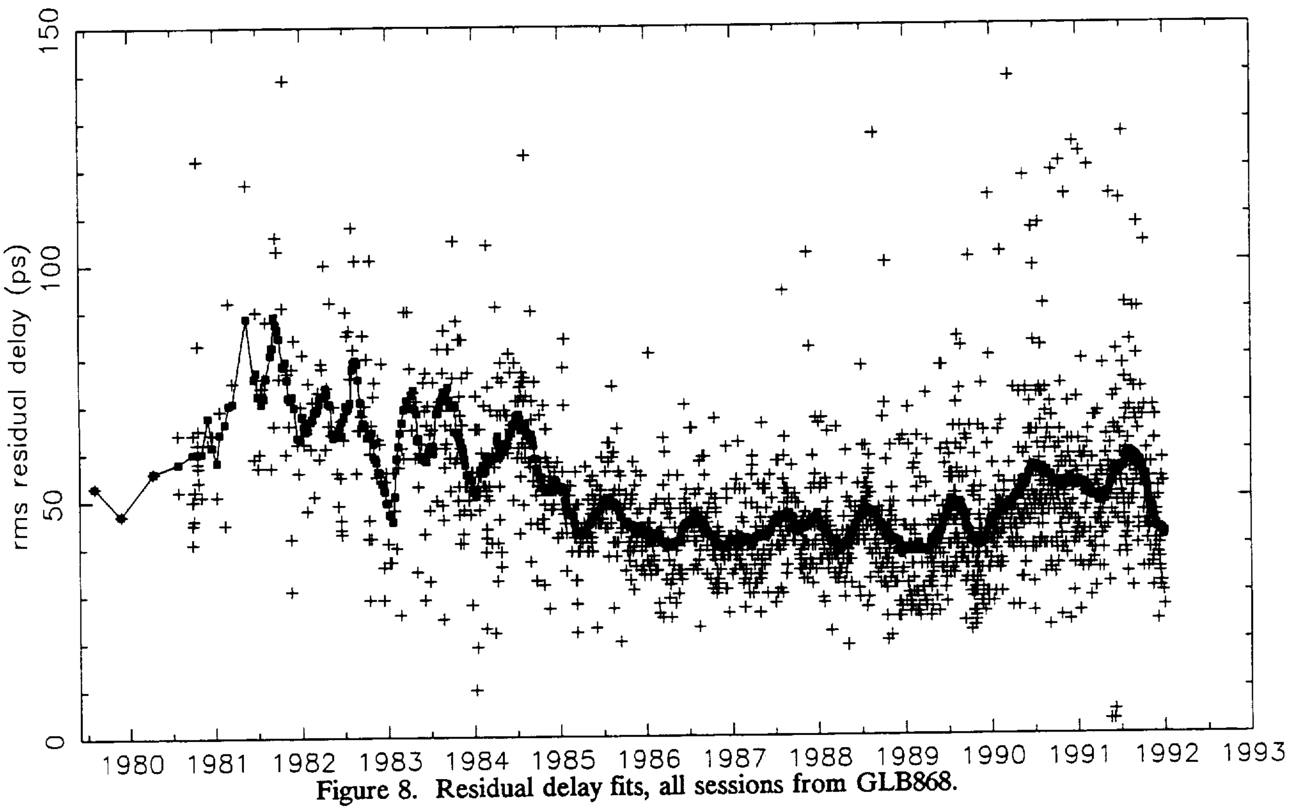

Figure 8. Residual delay fits, all sessions from GLB868.

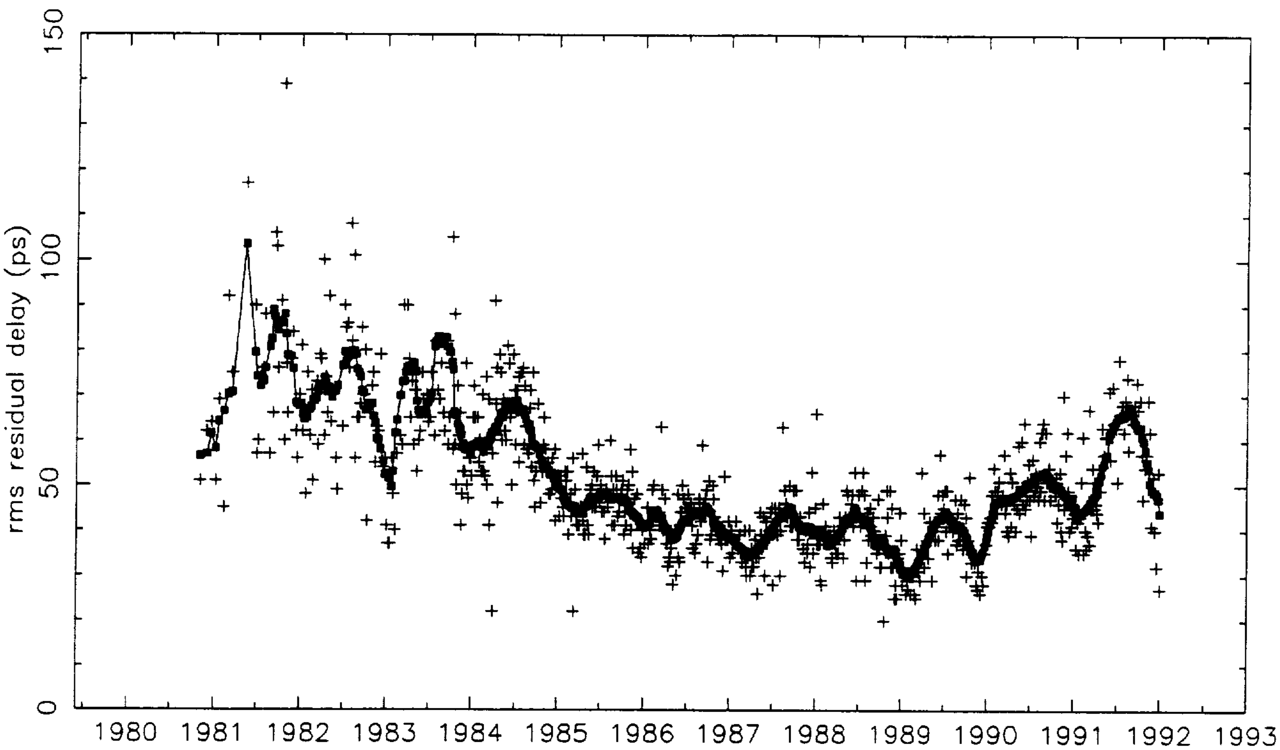

Figure 9. Residual delay fits from GLB868, POLARIS and IRIS sessions only.

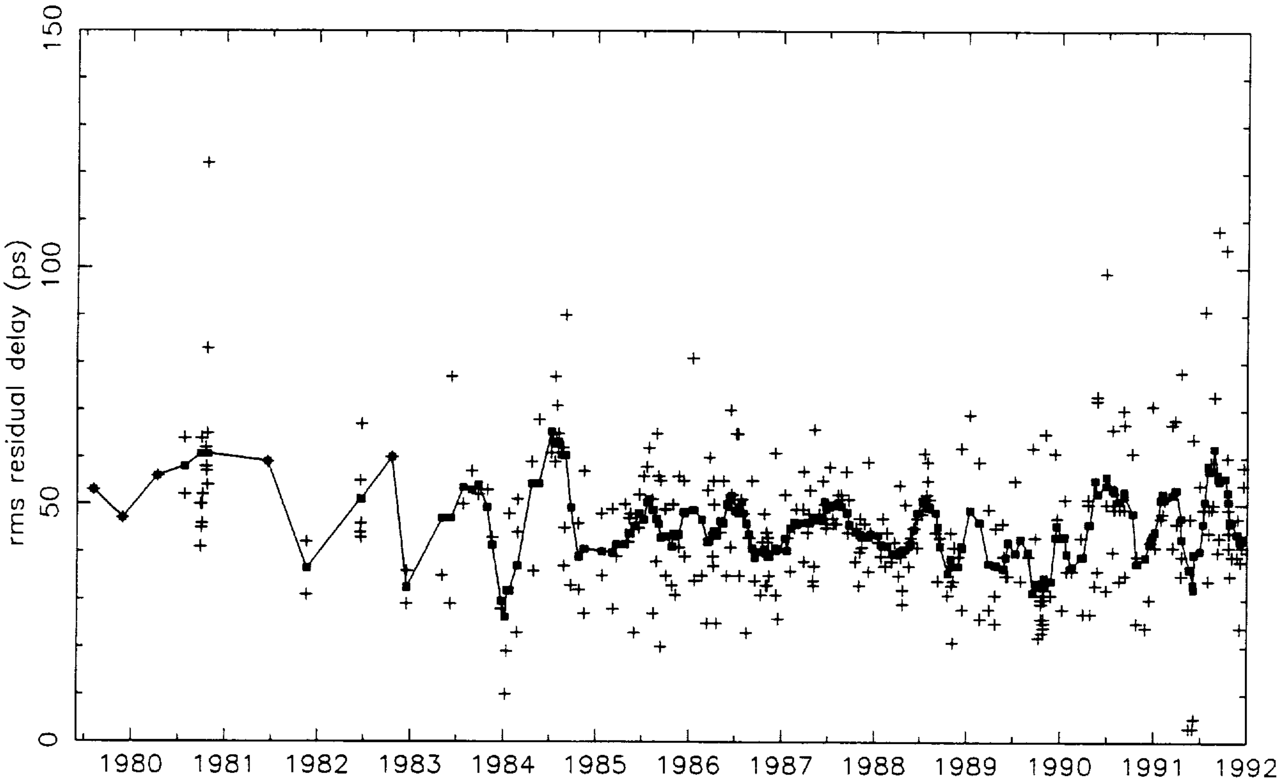

Figure 10. Residual delay fits from GLB868, CDP fixed stations only.

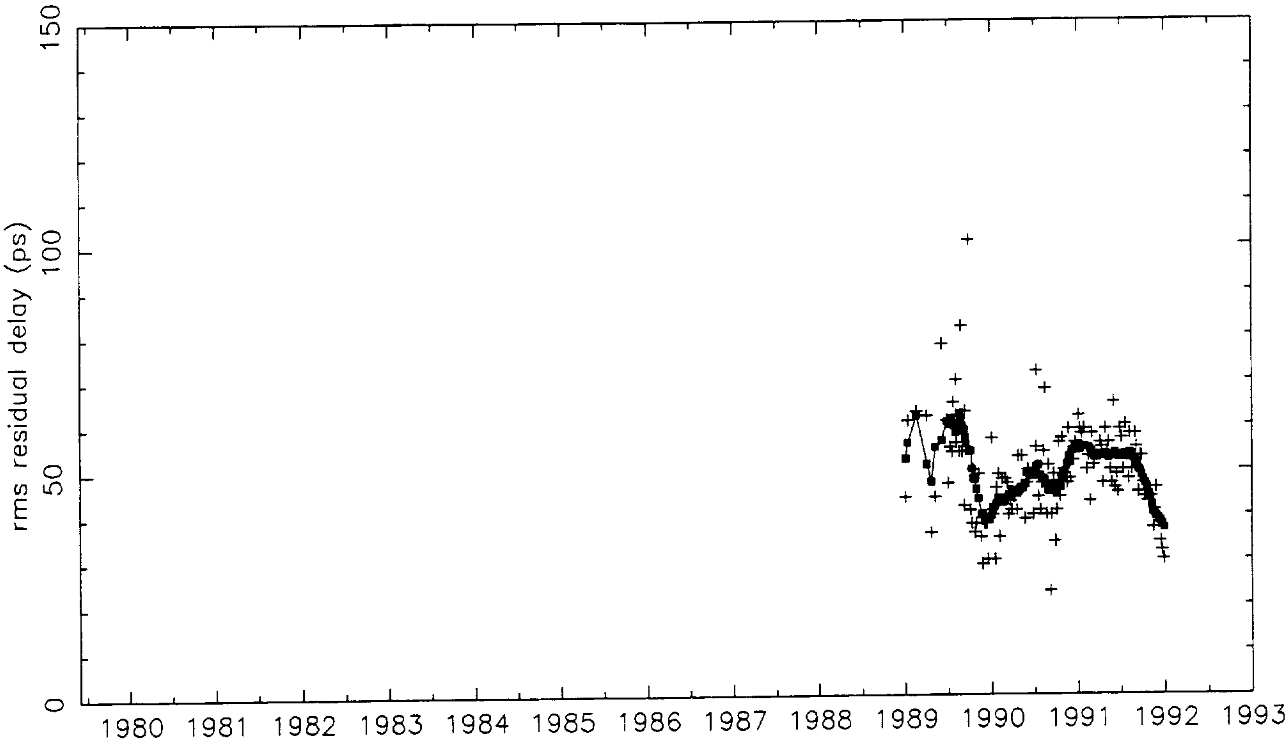

Figure 11. Residual delay fits from GLB868, USNO sessions only.

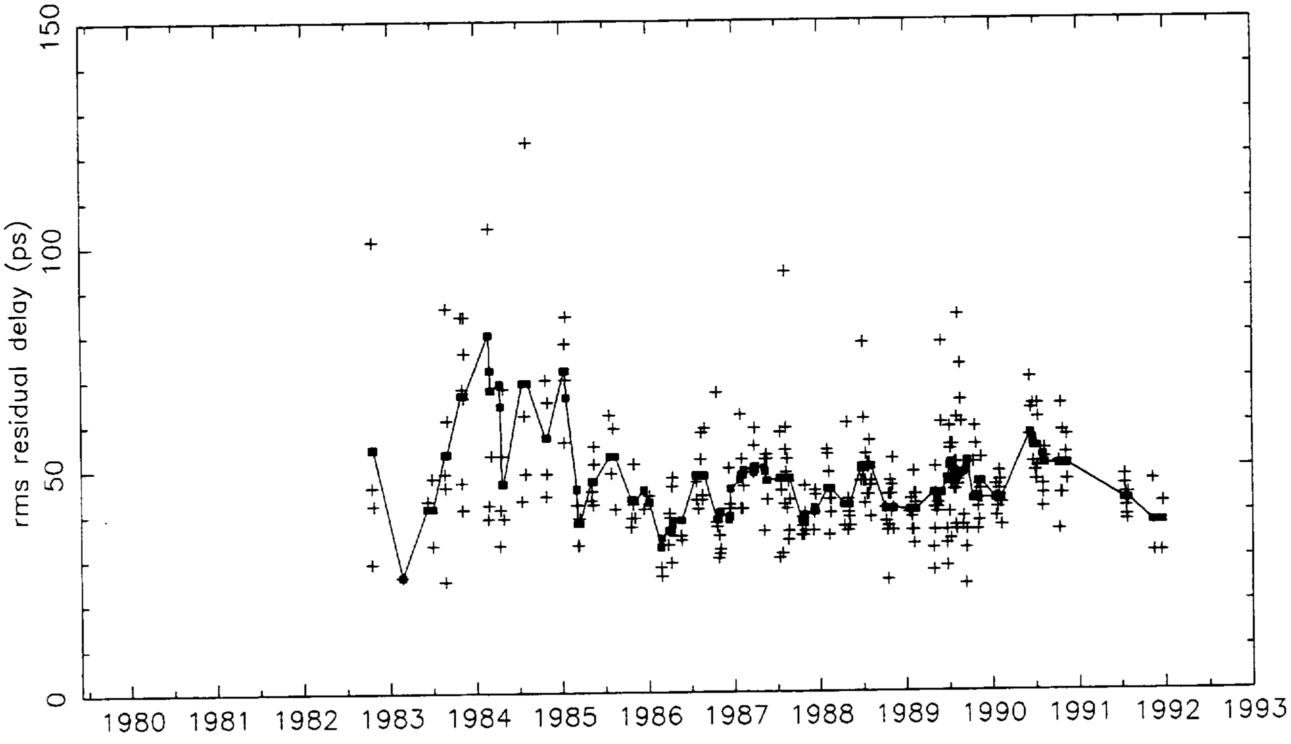

Figure 12. Residual delay fits from GLB868, CDP mobile sessions only.

have examined the 1991 IRIS-A data to determine why *wrmsrd* should have increased so much during the summer. While we have no explanation we note that in this period AUTOSKED came into use to generate the IRIS-A observing schedules resulting in a significant increase in the number of observations per session. If Figure 9 is replotted using the *wrmsrd* normalized by the square root of the number of observations per session the increases seen in both 1990 and 1991 are eliminated. Finally, despite the increased *wrmsrd* there is no evidence that the geodetic parameters estimated in 1991 from the IRIS-A data are in any way degraded.

The purpose of this discussion of *wrmsrd* when it first appeared in an annual report two years ago was to document the improving precision of the raw Mark III observations. The continuously declining *wrmsrd* of the early 1980's seen in the IRIS-A and mobile plots document that improvement. But, since 1986 or 1987 the precision of the observations has ceased to be the dominant contributor to *wrmsrd*; rather it is the inability to model rapid variations in the atmosphere. Unless there is some unexpected breakthrough in modeling atmospheric effects the *wrmsrd* is unlikely to become substantially better regardless of improved precision of the raw observations. Moreover, the new antennas that are both more sensitive and slew faster (e.g. the VLBA and the new Hawaii antenna) will result in faster schedules with less time between observations, which are inherently harder to fit than the relatively slow schedules of a few years ago. Thus, this discussion has ceased to serve its intended purpose and we do not plan to continue it in future reports.

2. Baseline Length Repeatability and Errors in Baseline Length

Figure 13 is a plot of the 1-σ standard statistical length error and length repeatability for the Westford-Wettzell baseline. It is designed to address two questions. First, as the Mark III hardware and observing strategies have changed, have the errors of the lengths become smaller? Second, if errors have decreased, is there a corresponding improvement in the length repeatability? In Figure 13 the diamonds plot the baseline length errors for the individual sessions. Each asterisk is an unweighted average of the errors of each session in a 120-day-long window centered on the epoch of the session, excluding sessions with length errors in excess of 50 mm. These averages show the long term evolution of the errors. The solid line connects points (not plotted) that are the repeatability of the length values.

The repeatability was computed as follows: For each session a weighted average length was computed from the lengths for all sessions within 60 days of the session. Using the same sessions a weighted rms length residual from the average length was computed. This rms is an estimate of the short term length repeatability at the epoch of the session.

Figure 13 is comparable to Figure 13 from last year's report. Except the 1987 data and the additional year of data, the plots are similar. Since the data used in the 1991 report are a subset of this year's report one would expect the two plots to be identical where they overlap. They are not because there have been a few small changes in the analysis procedures since last year. We have looked for an explanation for the poorer short term repeatability in 1987, an increase from a peak of 16 ps to a peak of 19 ps. A careful review of the session-by-session length values shows that in GLB868 there are a few sessions with discordant lengths that were not discordant last year. Because of the 120-day-wide window of the boxcar repeatability algorithm these few dominate the repeatability of the entire period. From 1984 through early 1987 the average of the length errors and the repeatability are consistent and show a general improvement from 20 to 25 mm in 1984 to near 15 mm in early 1987. The repeatability then rapidly increases to near 20 mm. In the middle of 1987 the repeatability starts an improvement lasting until early 1989. Then the errors are near 8 mm and the repeatability is near 10 mm. During the entire period after 1987 the averages of the length errors are consistently smaller than the repeatability. After 1989 the errors and repeatability trend up and down over periods of months, but there is no long term trend. There is no evidence that the results have improved since 1989.

Figures 14 and 15 are similar plots for the Richmond-Westford and Onsala-Wettzell baselines. They show trends in 1991 that are not substantively different from those of 1989 and 1990.

In summary, these plots show that the short term baseline length repeatability in 1991 was nearly identical to that in 1989 and 1990. As we stated in last year's report, to obtain further improvements will

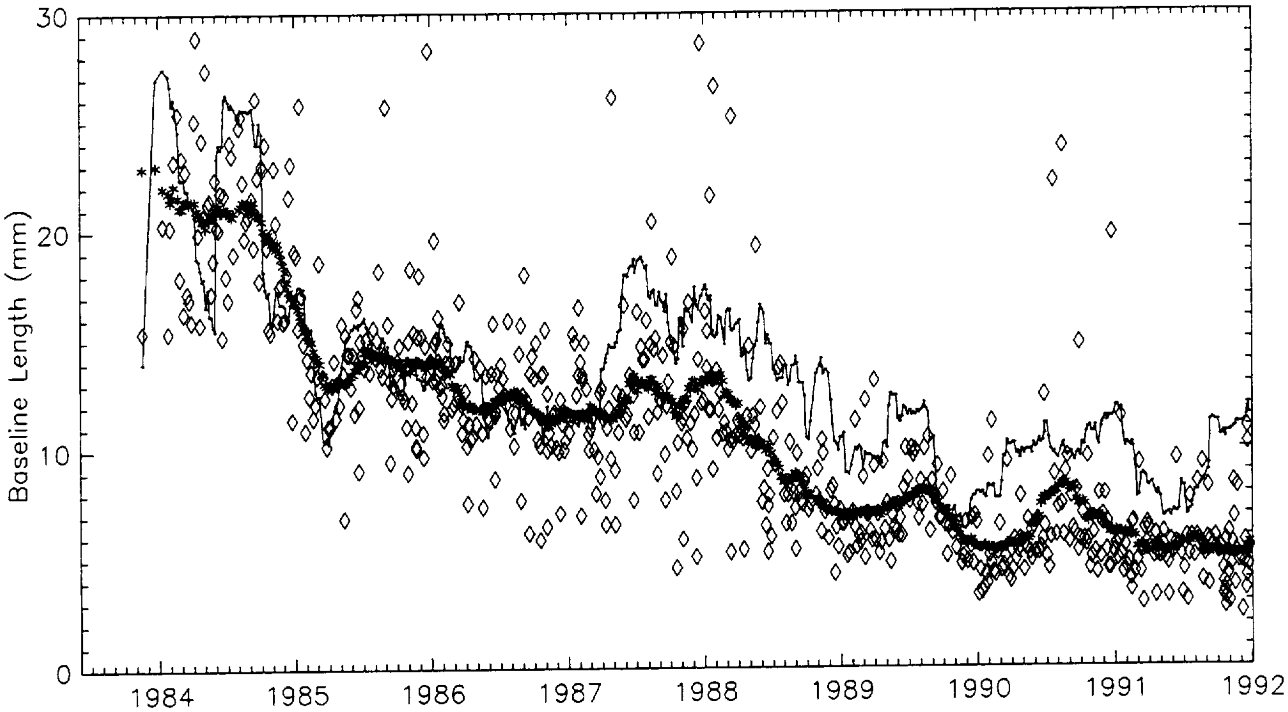

Figure 13. WESTFORD to WETTZELL baseline length 1-σ standard statistical errors and repeatability.

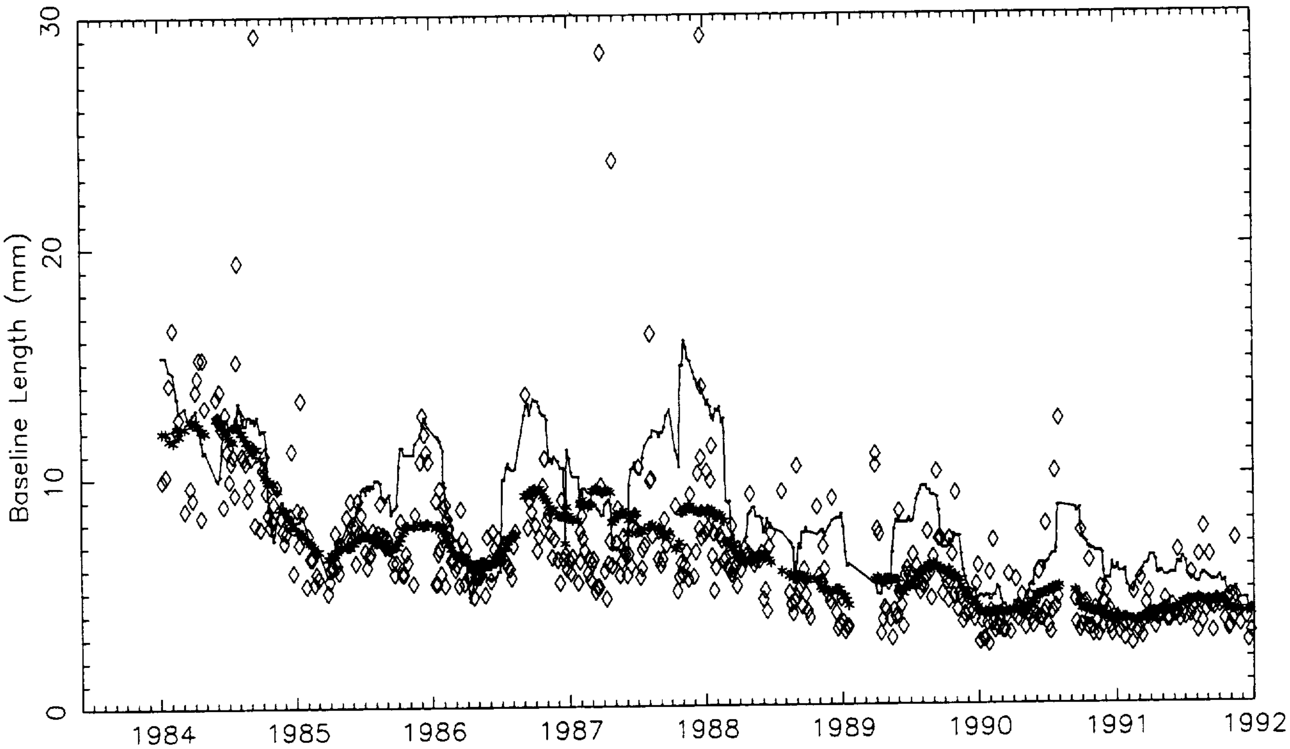

Figure 14. RICHMOND to WESTFORD baseline length 1-σ standard statistical errors and repeatability.

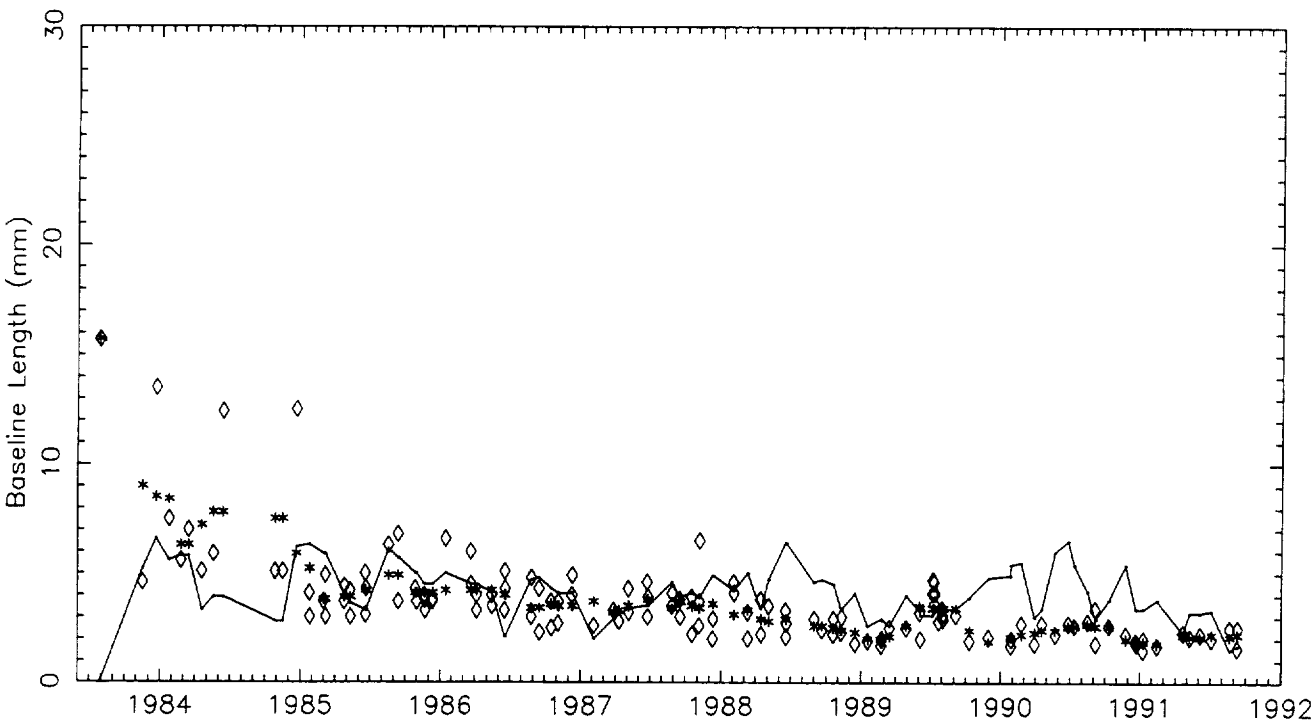

Figure 15. ONSALA60 to WETTZELL baseline length 1-σ standard statistical errors and repeatability.

likely require a much better understanding of the effects of tropospheric refraction and/or better instrumentation (such as the Mark IV).

B. Scaling of Baseline Repeatability with Baseline Length

In the previous two annual reports we presented sets of baseline length repeatability scaling laws in a form that is the sum of two terms. The first term is a zero set term that is the repeatability of a zero length baseline and the second, the scaling term, tracks how repeatability grows linearly with baseline length. We also gave three different laws for three ranges of lengths because we found that the repeatability of the very longest baselines was disproportionately poorer compared to the shorter baselines and would dominate the scaling term despite their relatively few numbers. The table below shows the scaling laws from the 1990 and 1991 reports and the current results.

Length Range (km)	Zero Set (mm)			Scaling Term ppb		
	1990 Report	1991 Report	1992 Report	1990 Report	1991 Report	1992 Report
0-6000	6.8	6.6	6.3	1.1	1.0	1.0
0-10000	5.0	5.3	5.1	2.0	2.0	2.0
Full Range	4.9	5.1	4.9	2.2	2.2	2.0

With only a single insignificant exception, the zero set and scaling terms in the current results are at least as good as in the previous two years. The scaling term for the full range is 0.2 ppb better than the previous two years and reflects the outstanding new data that has been produced on some long baselines such as Kashima-Richmond.

Figure 16 is a plot of the length repeatability values as a function of baseline length for the 212 baselines used to produce the scaling laws. These were selected because each had at least five observing sessions and two years of data.

Since it is difficult compare Figure 16 with the comparable figure from the 1991 report we have prepared Figure 17. It is a plot of the repeatability differences for the 186 baselines common to both plots. It shows that there are 85 baselines with better repeatability in the current solution, 93 baselines with better repeatability in the 1991 solution, and 8 with no difference (at the level of 0.1 mm). The average repeatability for all baselines of the current solution is

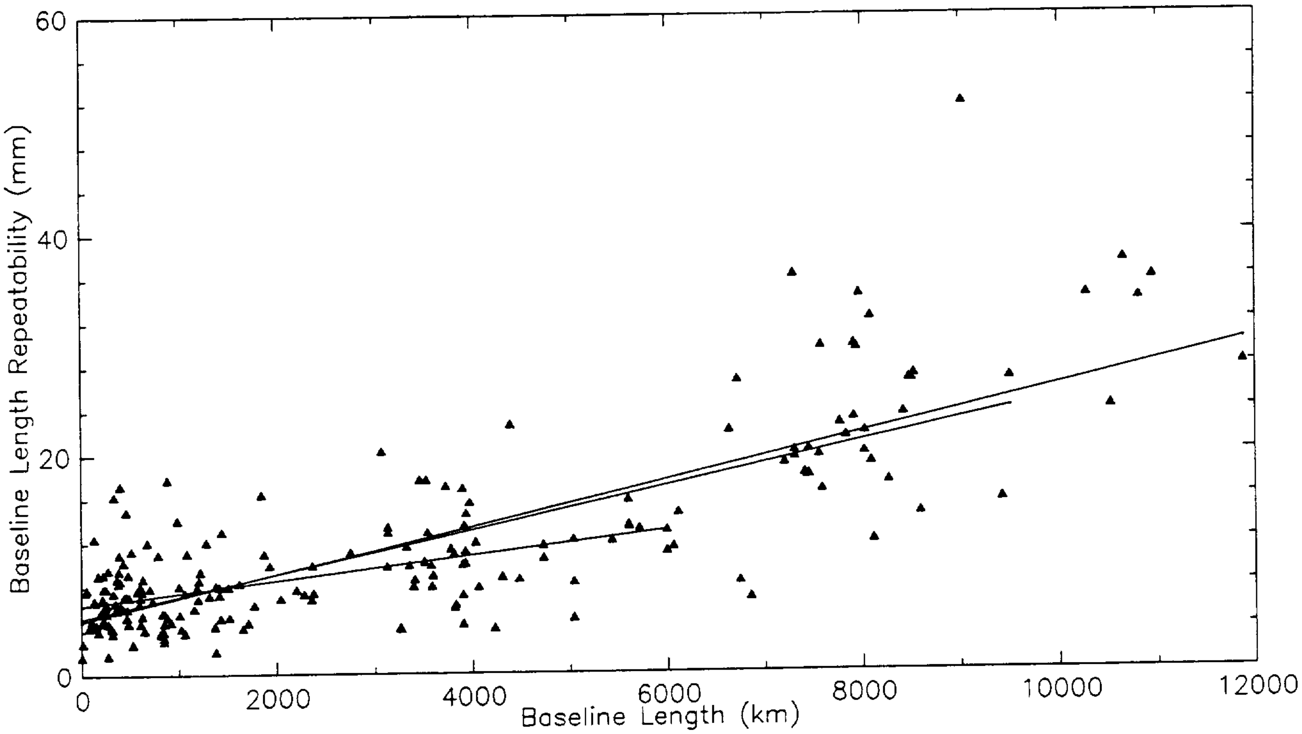

Figure 16. Baseline length repeatability vs. baseline length from GLB868.

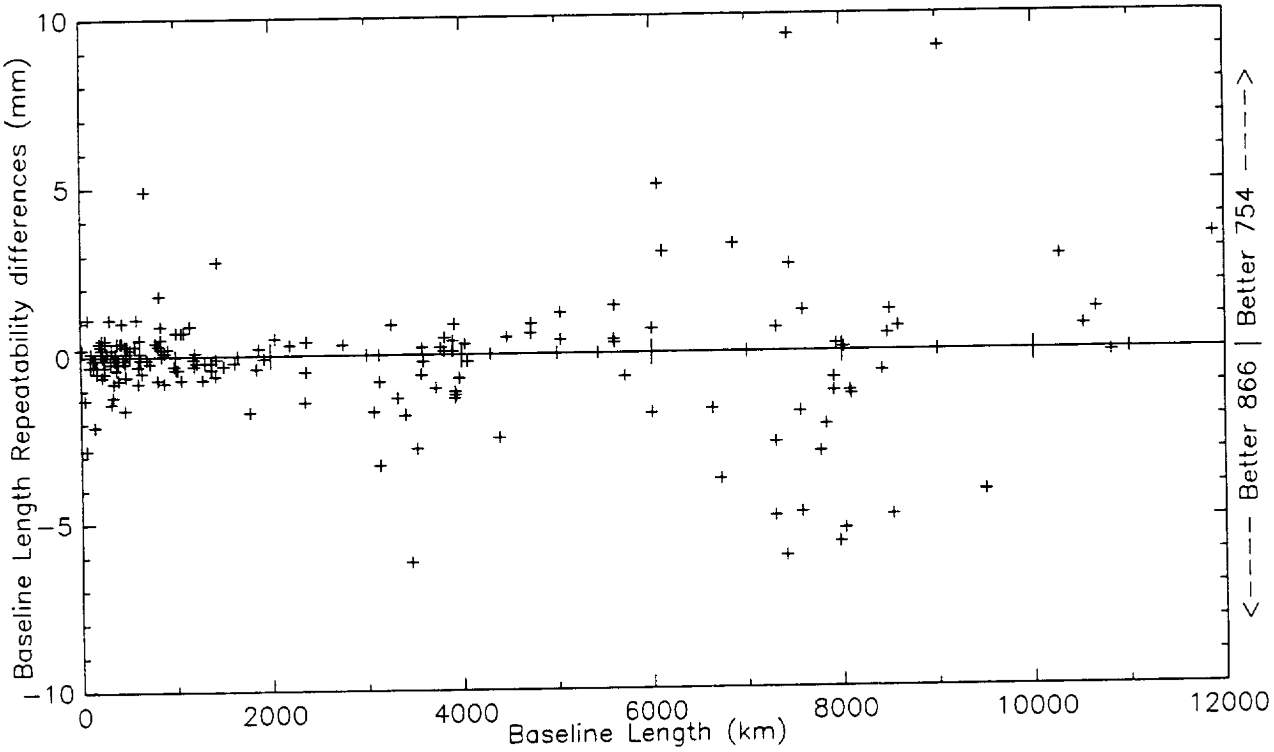

Figure 17. Repeatability differences for 186 baselines common to both the 1991 and the 1990 solution.

14.1 mm while that of 1991 solution is 14.0 mm. This difference is not significant.

C. An Anomaly - the Motions of Onsala and Wettzell

In Section 7 Plots 7.201, 7.175, 7.197, and 7.174 display the baseline results for the Westford-Wettzell, Westford-Onsala, Richmond-Wettzell, and Richmond-Onsala baselines, respectively. The measurements of these baselines are among the most robust in the Mark III data set. The Wettzell, Richmond, and Westford sites are part of the core IRIS-A Earth rotation network and have been participating in Mark III sessions every five or seven days since the earlier to mid-1980's. Onsala has participated in IRIS-A monthly since its inception and has participated in many CDP transatlantic sessions.

The reader should take time now to look at Plot 7.201, the Westford-Wettzell plot. The length plot shows an increasing length at a rate of 17.2 ±0.2 mm/yr while the expected NUVEL-1 rate is 18.9 ±0.5 mm/yr. The difference is 1.7 mm/yr and is an 3-σ discrepancy (based only the rss of the VLBI and NUVEL-1 errors). But, the plot hides a much larger anomaly: the rates in the first and second halves of the plot are systematically and significantly different. The same is true of the other three plots.

The table below documents this anomaly. It contains the estimated rates on these baselines and their 1-σ standard statistical errors scaled by the square root of the reduced chi square of the linear fit from the entire data span and from two subsets. The numbers in parentheses are the differences between the observed rates and expected NUVEL-1 rates. The subsets were created by dividing the data at 1988.0. Note that the stations were added to the network at different times so these baseline rates span different times.

Data Span	Baseline Length Rates of Change			
	Westford-Wettzell mm/y	Westford-Onsala60 mm/y	Richmond-Wettzell mm/y	Richmond-Onsala60 mm/y
start-1988	15.1±0.7 (-3.8)	12.6±1.0 (-5.0)	9.7±1.5 (-7.4)	7.8±4.5 (-8.0)
1988-92	19.4±0.5 (+0.5)	23.3±1.3 (+5.7)	17.0±0.9 (-0.1)	22.2±3.0 (+6.4)
start-1992	17.2±0.2 (-1.7)	17.2±0.5 (-0.4)	14.2±0.4 (-2.9)	16.0±1.5 (+0.2)

The difference in rate for the Westford-Wettzell baseline between the first and second halves is 4.3 mm/yr, which is approximately 5 σ. The Westford-Onsala difference is 10.7 mm, which is more than 7 σs. The Richmond baselines are similarly discrepant.

To probe this anomaly further we have prepared baseline length residual plots for these four baselines. They are Figures 18 to 21. In these plots the horizontal axis is session date. The points are the baseline length residuals from a weighted linear fit; errors are not plotted. The solid line tracks points (not plotted) that are the weighted average residual in a window ±60 days about each session. The line shows the average trend of the residuals.

Consider Figure 18, the Westford-Wettzell plot. Setting aside the edge effect at the beginning of the plot, the residuals trend lower from 1984 through mid-1988 and then trend higher. (After 1988 there is also a clear periodic effect with an amplitude of 10-15 mm, which will not be addressed here.) Figure 19, the Westford-Onsala plot, shows the pattern even more clearly, except that the minimum appears to be at the beginning of 1987. The Richmond plots show similar trends.

For long baselines, such as the transatlantic, changes in station vertical would appear as somewhat smaller changes in baseline length. Thus, the cause of these baseline length anomalies could be local motion of the stations in the horizontal plane or in the vertical direction. Figures 22 and 24 are local topocentric (up, east, and north) plots for Wettzell and Onsala, respectively. For each session the plots show the estimated position of the site as a correction from its *a priori* position. Because the estimated topocentric values for a site from a particular session depend critically on the unadjusted reference site for that session, we have plotted only the IRIS-A sessions. Westford was the reference site for these sessions. Also shown in each plot is a straight line derived from a weighted linear fit to the data and a (difficult-to-see) line which plots the value from a weighted boxcar filter with a one-year window. As with the plots of baseline lengths it is difficult to see systematic departures from linear evolution, but these plots serve to introduce the final two plots in this section, Figures 23 and 25. These are plots of the residual topocentric positions as adjustments from the straight lines in the previous two plots. Also, we have increased the resolution of the scale by a factor of four and have

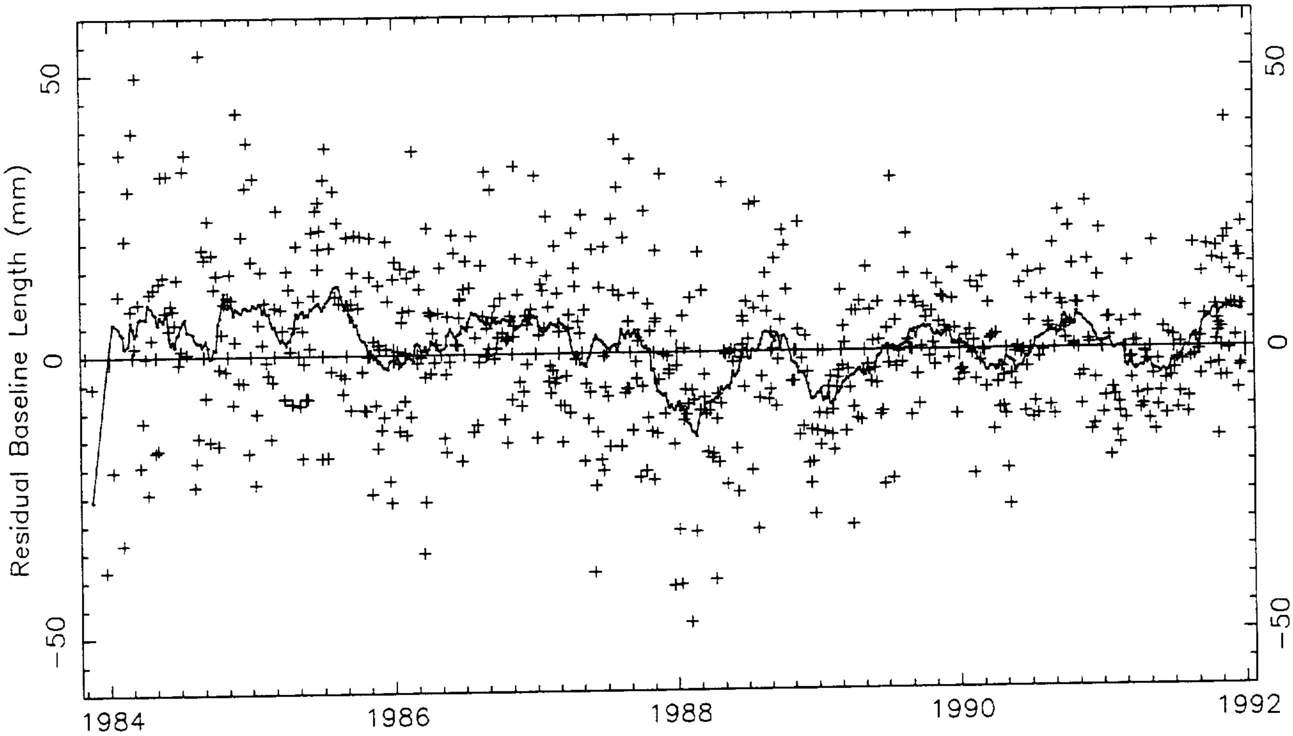

Figure 18. WESTFORD to WETTZELL baseline length residuals.

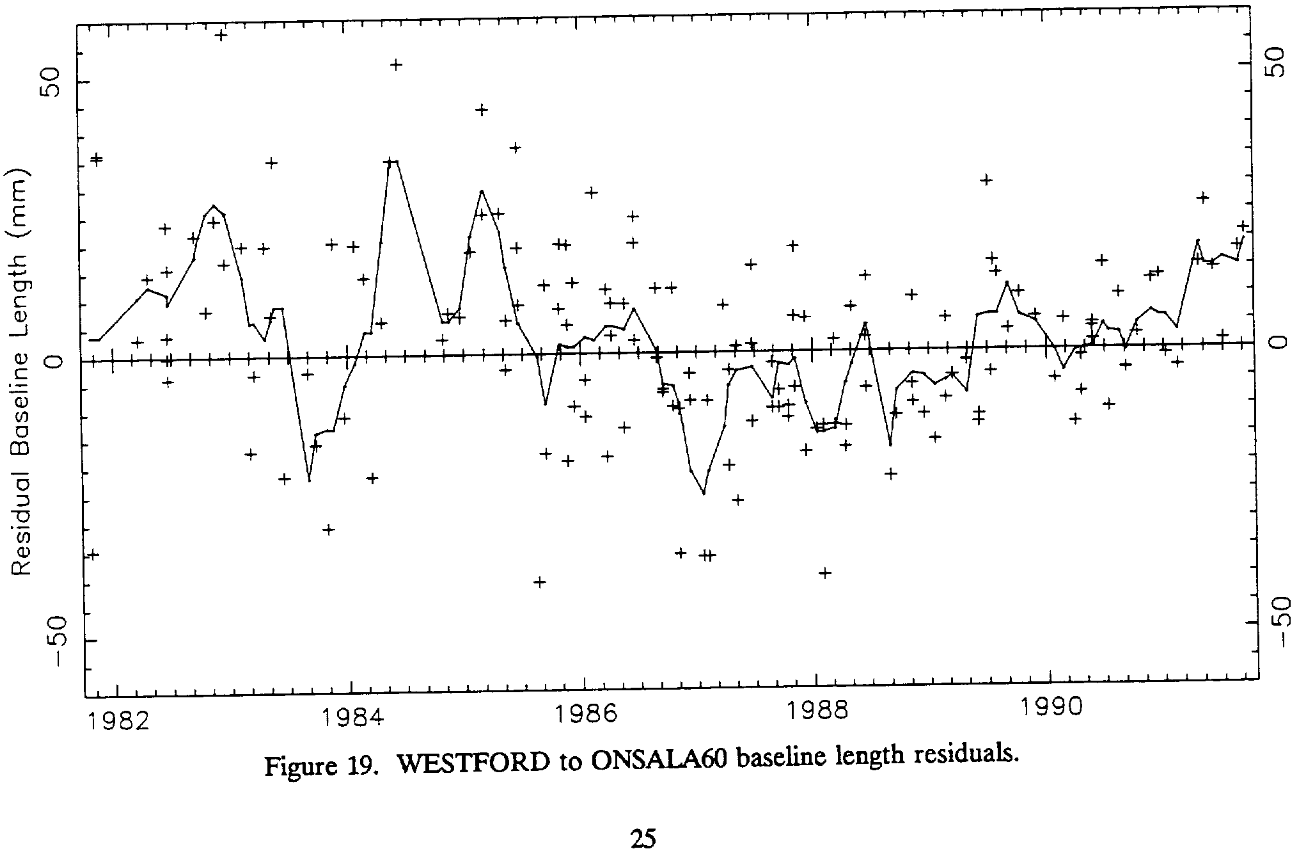

Figure 19. WESTFORD to ONSALA60 baseline length residuals.

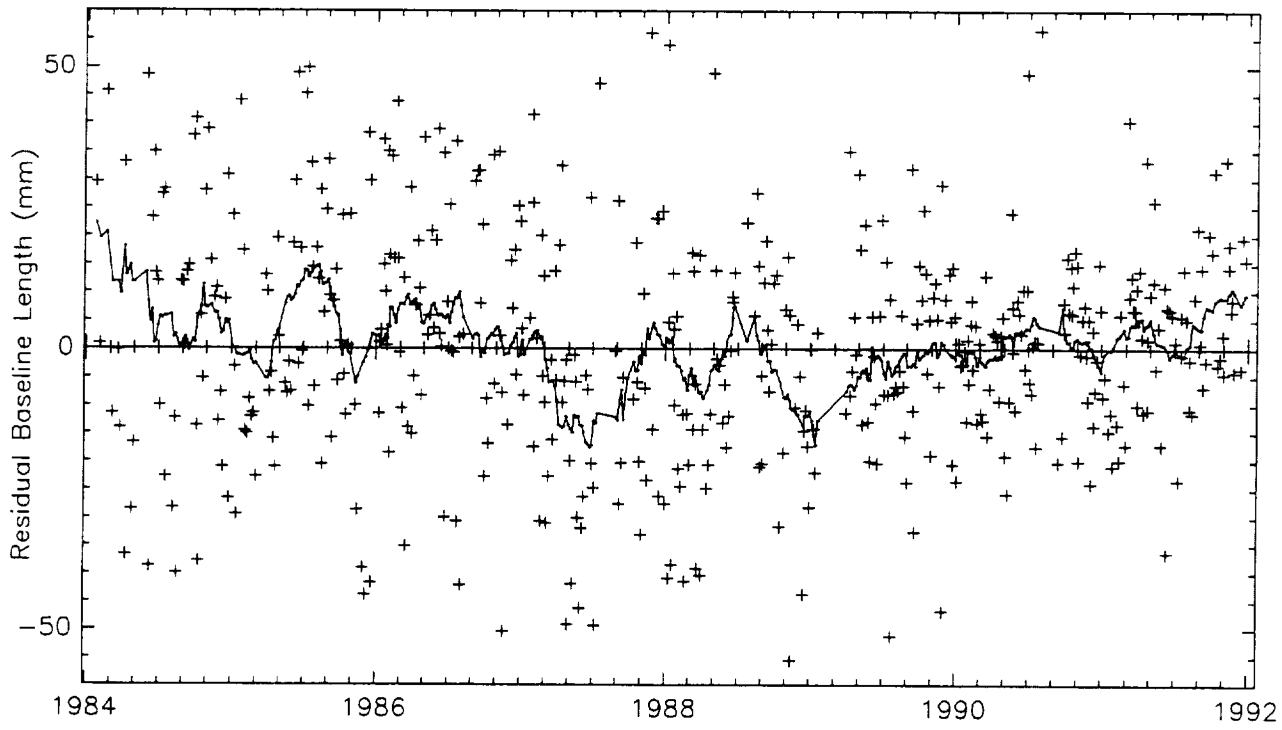

Figure 20. RICHMOND to WETTZELL baseline length residuals.

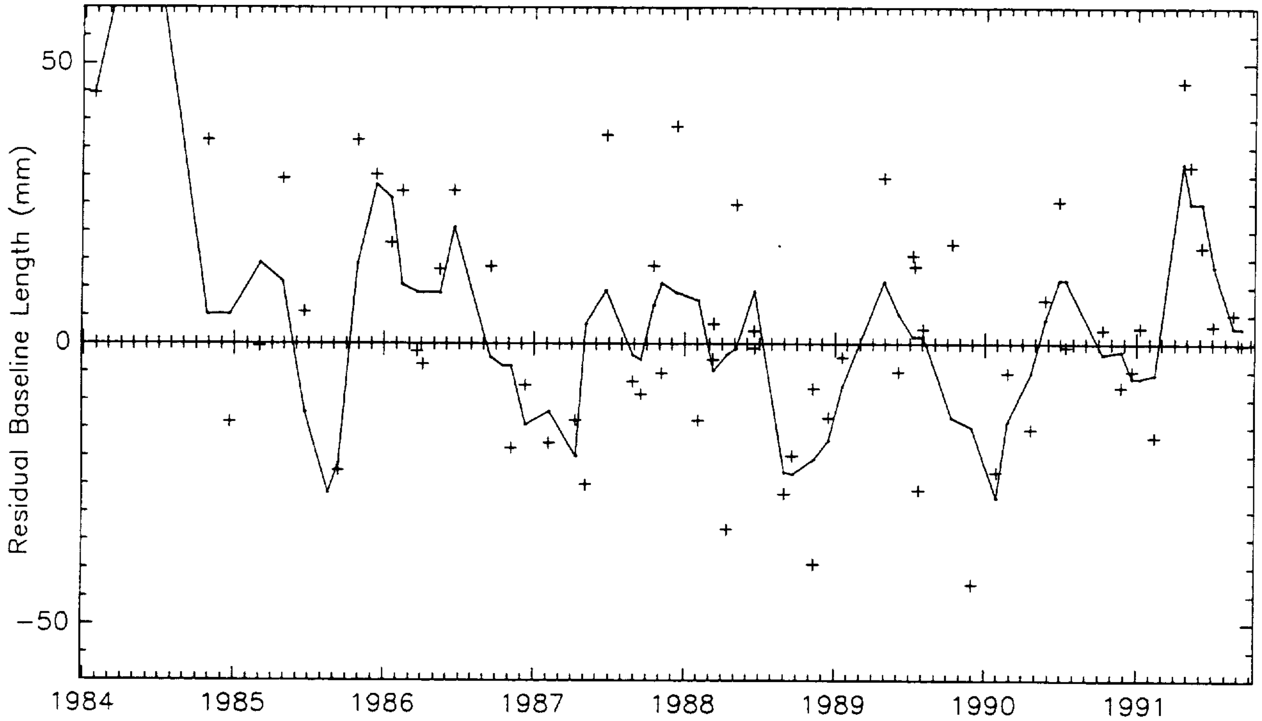

Figure 21. RICHMOND to ONSALA60 baseline length residuals.

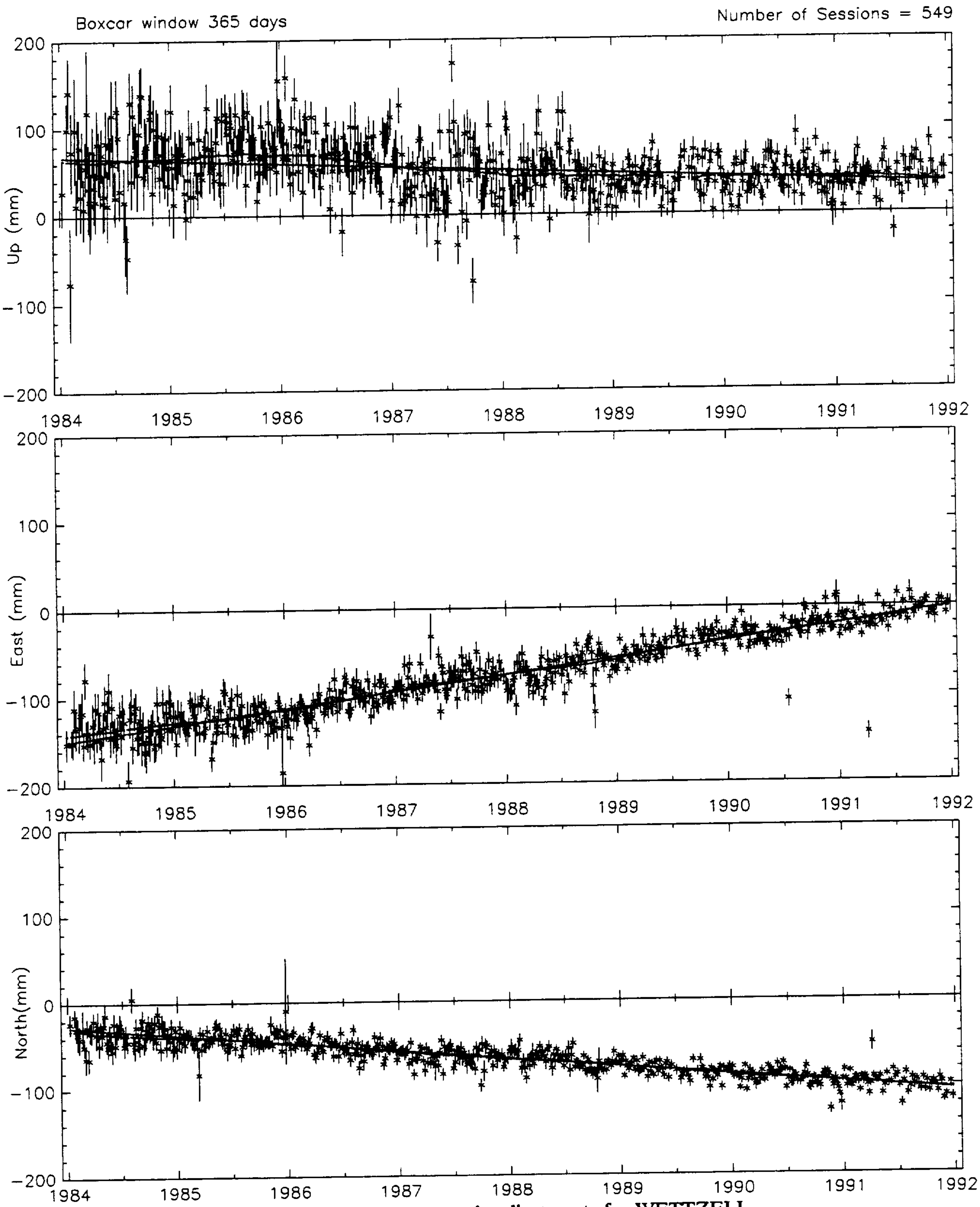

Figure 22. Local topocentric adjustments for WETTZELL

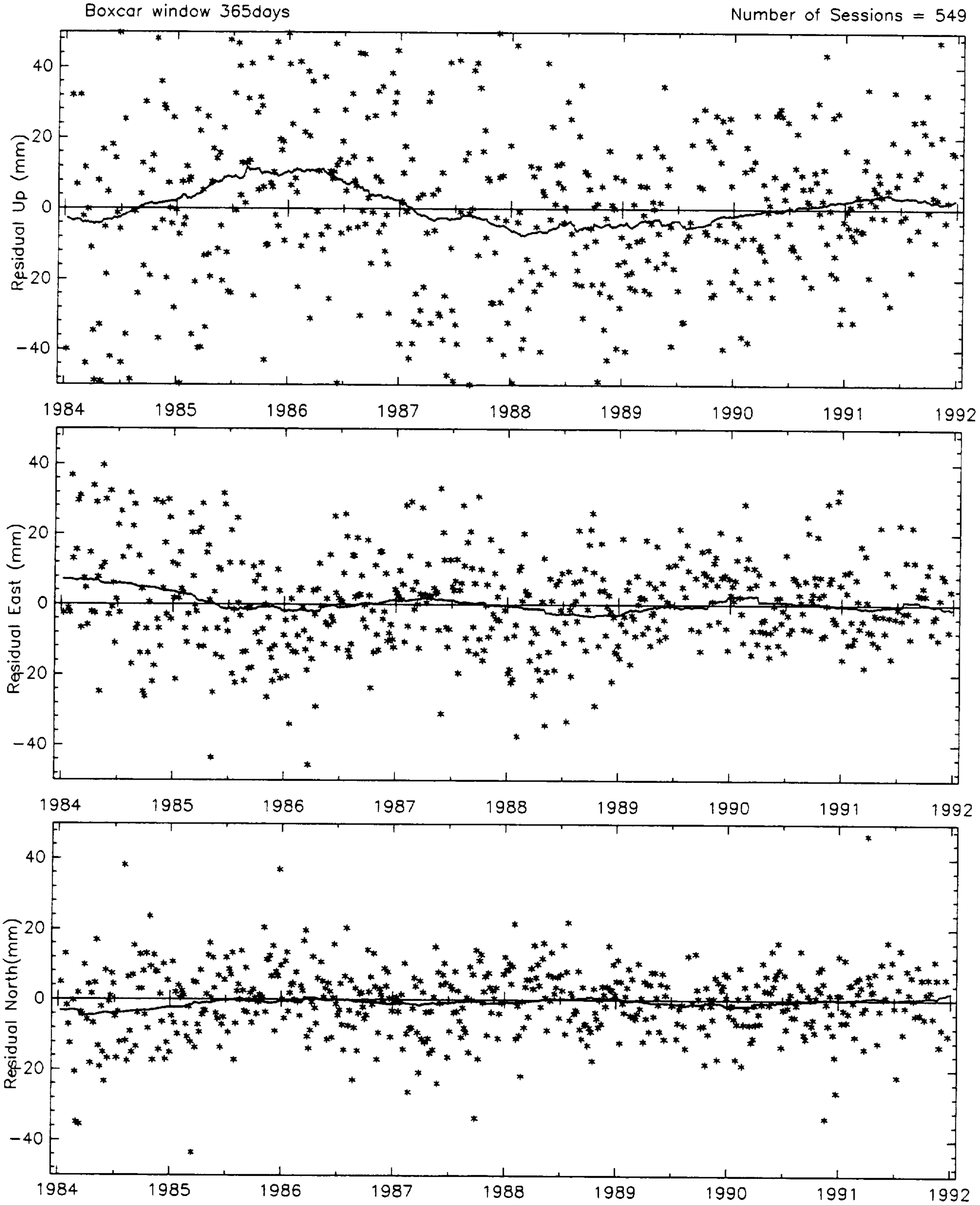

Figure 23. Local topocentric adjustment residuals for WETTZELL

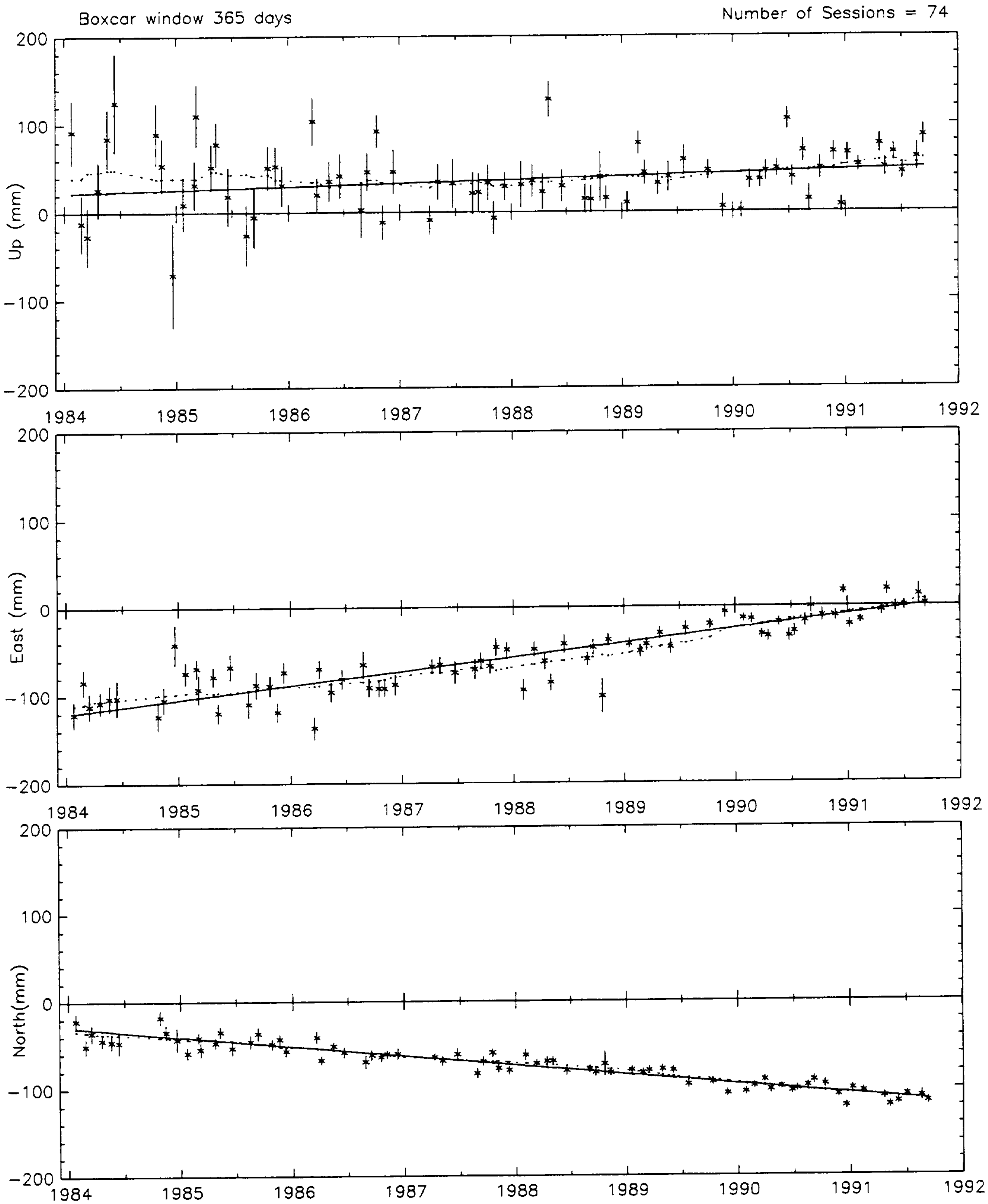

Figure 24. Local Topocentric adjustments for ONSALA60.

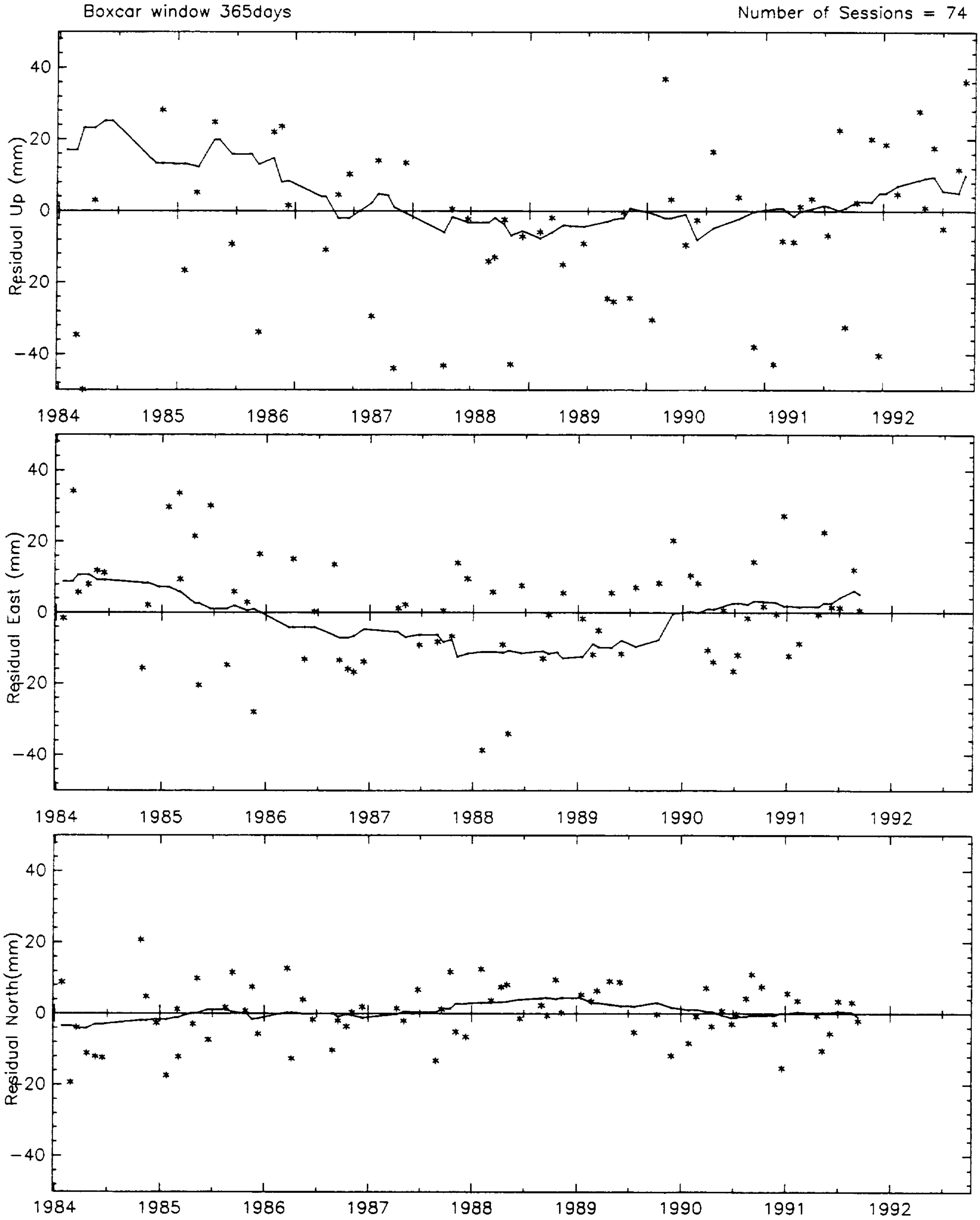

Figure 25. Local topocentric adjustment residuals for ONSALA60

deleted the error bars from the session values. The line on these plots shows the values from the weighted boxcar filter with a one-year window. A window of one year was chosen to filter out all systematic variations with shorter duration. Figure 23 shows that virtually all anomalous motion at Wettzell arises from changes in the vertical. Excepting the first ~18 months there are no deviations in the east and north greater than 2-3 mm. For Onsala this is not so. Figure 25 shows that while the variation in the vertical is greatest (approximately -10 to +22 mm) there are still variations in the east component at a level of ±10 mm.

We have not resolved the apparent change in rates of the transatlantic baselines, but it does appear that a major portion can be absorbed in changes in the site vertical at ONSALA60 and WETTZELL. Whether this phenomenon is a geophysical effect or an artifact of the VLBI method cannot be answered definitively from the data presented here. The current six-station network in Europe has been in regular use only since 1990, but in time it will provide a robust network of relative short baselines within which the vertical motions of ONSALA60 and WETTZELL will be well determined. Also new sites in Europe or nearby are under construction or being planned. The Norwegians are building a new antenna on the island of Spitsbergen (north of Norway) and there are proposals for sites in Russia and Ukraine. In time the densification of the networks in Europe and new sessions involving Europe and sites in other parts of the world should resolve this question.

These transatlantic results should not be interpreted as casting doubt on all geodetic rates measured with CDP VLBI. If the sessions used in GLB868 are divided by date into two sets at January 1, 1988, there are 43 baselines with adequate data in each set to estimate baseline rates. In a comparison of the baseline rates from the two sets there are only six baselines with differences greater than 2 σ and four of the six are the transatlantic baselines connecting Westford and Richmond to Onsala and Wettzell. For 37 baselines (86%) the rate differences are less than 2 σ and for 22 baselines (51%) they are less than 1 σ.

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1.0 Stations and Sites

Table 1.1 describes the radio telescopes located at fixed stations. Each antenna has a unique name used throughout this report consisting of at most eight upper case characters. The entries give the antenna diameter, location and operating institution. Table 1.2 has the latitude and longitude for each VLBI mobile site and fixed station, as well as the associated monument number. Each mobile site has a unique name of the same form as the station names. The monument number is followed by a single character. A 'G' indicates a ground monument while an 'A' indicates that the monument number refers to a point in the antenna (usually the intersection of axes). This code is followed by a three-letter code showing on which tectonic plate the site was assumed to be for the solutions. The selection of tectonic plate was somewhat arbitrary in some cases but does not affect the total velocity. The codes are:

AFR -- African
AUS -- Australian
EUR -- Eurasian
IND -- Indian
NOA -- North American
PCF -- Pacific
SOA -- South American

A nearby geographical location is given for each site for quick reference.

Table 1.1
VLBI OBSERVING STATIONS

ALGOPARK, 46-m-diameter antenna at the Algonquin Radio Observatory near Lake Traverse, Ontario, Canada.

CHLBOLTN, 26-m-diameter antenna located in Chilbolton, England and operated by the Appleton Laboratories. (No longer in use for VLBI.)

DSS15, 34-m-diameter antenna operated by the Deep Space Network in the Goldstone Tracking Complex near Barstow, California.

DSS45, 34-m-diameter antenna operated by the Deep Space Network in Tidbinbilla, Australia.

DSS65, 34-m-diameter antenna operated by the Deep Space Network in Madrid, Spain.

EFLSBERG, 100-m-diameter antenna of the Max Planck Institute for Radio Astronomy located near Effelsberg, Germany.

FD-VLBA, 25-m-diameter antenna of the Very Long Baseline Array (VLBA) near Ft. Davis, Texas.

GILCREEK, 26-m-diameter antenna operated by the CDP and located at the NOAA/NESDIS facility at Gilmore Creek, Alaska, near Fairbanks.

GOLDVENU, 26-m-diameter antenna operated by the Deep Space Network in the Goldstone Tracking Complex near Barstow, California. Also called DSS13.

HARTRAO, 26-m-diameter antenna at the Hartebeesthoek Radio Astronomy Observatory near Johannesburg, South Africa.

HATCREEK, 26-m-diameter antenna at the Hat Creek Radio Observatory, HatCreek, California.

HAYSTACK, 37-m-diameter antenna at the Haystack Observatory, Westford, Massachusetts.

HOBART26, 26-m-diameter antenna operated by the University of Tasmania at Hobart, Tasmania, Australia.

HRAS 085, 26-m-diameter antenna at the George R. Agassiz Station operated by the Harvard College Observatory and located near Fort Davis, Texas. (No longer in use.)

KASHIMA, 26-m-diameter antenna at the Kashima Space Research Center, Kashima, Japan.

KASHIM34, 34-m-diameter antenna at the Kashima Space Research Center, Kashima, Japan.

KAUAI, 9-m-diameter antenna operated by the CDP at the Kokee Park Geophysical Observatory on the island of Kauai in Hawaii. (Formerly part of NASA's Spaceflight Tracking and Data Network.)

KWAJAL26, 26-m-diameter TRADEX antenna operated for the U.S. Air Force by Lincoln Laboratory in the Marshall Islands.

LA-VLBA, 25-m-diameter antenna of the VLBA near Los Alamos, New Mexico.

MARCUS, 10-m-diameter antenna operated by the CRL on the island of Minami-tori Shima in the Western Pacific Ocean.

MARPOINT, 26-m-diameter antenna of the U.S. Naval Research Laboratory located near Maryland Point, Maryland. (No longer in use for routine operations.)

MATERA, 20-m-diameter antenna operated by the Italian Space Agency (ASI) in Matera, Italy.

MEDICINA, 32-m-diameter antenna operated by the University of Bologna, near Bologna, Italy.

MOJAVE12, 12-m-diameter antenna located at the NASA Goldstone complex near Barstow, California and operated by the NGS.

NOBEY 6M, 6-m-diameter antenna of the National Astronomy Observatory at Nobeyama, Japan.

NOTO, 32-m-diameter antenna operated by the University of Bologna at Noto, Sicily, Italy.

NRAO85 3, 26-m-diameter antenna at the National Radio Astronomy Observatory, Green Bank, West Virginia, operated for the U.S. Naval Observatory.

Table 1.1 (continued)

NRAO 140, 43-m-diameter antenna at the National Radio Astronomy Observatory, Green Bank, West Virginia.

ONSALA60, 20-m-diameter antenna at the Onsala Space Observatory, Onsala, Sweden.

OVRO 130, 40-m-diameter antenna at the Owens Valley Radio Observatory, Big Pine, California.

PIETOWN, 25-m-diameter antenna of the VLBA near Pietown, New Mexico.

RICHMOND, 18-m-diameter antenna of the U.S. Naval Observatory near Miami, Florida.

ROBLED32, 32-m-diameter antenna located at the NASA Madrid complex in Spain and operated by the Deep Space Network.

SANTIA12, 12-m-diameter antenna located in Peldehue, Chile and operated by the Center for Space Studies of the University of Chile.

SESHAN25, 25-m-diameter antenna of the Shanghai Astronomical Observatory near Shanghai, China.

SEST, 15-m-diameter antenna operated by the European Southern Observatory (ESO) near Cerro Tolollo, Chile.

SHANGHAI, 6-m-diameter antenna at the Shanghai Astronomical Observatory in Shanghai, China.

USUDA64, 64-m-diameter antenna operated by the NASDA near Usuda, Japan.

VNDNBERG, 9-m-diameter antenna operated by the CDP and located at the Vandenberg Air Force Base in California. (Ceased operations Summer 1990.)

WESTFORD, 18-m-diameter antenna at the Haystack Observatory, Westford, Massachusetts.

WETTZELL, 20-m-diameter antenna located in Bavaria, Germany and operated by the German Institute for Applied Geodesy (IfAG).

Table 1.2

VLBI SITE LOCATIONS

				LAT		LONG	
Site Name	**Mon.**	**Plt**	**Location**	**deg**	**min**	**deg**	**min**
ALGOPARK	7282 A	NOA	Lake Traverse, Ont., Canada	45	57	281	56
AUSTINTX	7271 G	NOA	Austin, Texas	30	20	262	18
BERMUDA	7294 G	NOA	Bermuda Islands, U.K.	32	22	295	20
BLKBUTTE	7269 G	NOA	Black Butte, California	33	40	244	17
BLOOMIND	7291 G	NOA	Bloomington, Indiana	39	11	273	30
BREST	7604 G	EUR	Brest, France	48	24	355	30
CARNUSTY	7603 G	EUR	Carnoustie, Scotland	56	29	357	13
CARROLGA	7228 G	NOA	Carrolton, Georgia	33	34	274	53
CHLBOLTN	7215 A	EUR	Chilbolton, England	51	09	358	34
DEADMANL	7267 G	NOA	Deadman Lake, California	34	15	243	43
DSS15	7231 A	NOA	Barstow, California	35	25	243	07
DSS45	1642 A	AUS	Tidbinbilla, Australia	-35	23	148	59
DSS65	1665 A	EUR	Madrid, Spain	40	26	355	45
EFLSBERG	7203 A	EUR	Effelsberg, Germany	50	31	6	53
ELY	7286 G	NOA	Ely, Nevada	39	18	245	09
FD-VLBA	7613 A	NOA	Ft. Davis, Texas	30	38	256	03
FLAGSTAF	7261 G	NOA	Flagstaff, Arizona	35	13	248	22
FORT ORD	7266 G	PCF	Sand City, California	36	40	238	14
FORTORDS	7241 G	PCF	Sand City, California	36	35	238	14
FTD 7900	7900 G	NOA	Fort Davis, Texas	36	35	238	14
GILCREEK	7225 A	NOA	Fairbanks, Alaska	64	59	212	30
GOLDVENU	1513 A	NOA	Barstow, California	35	15	243	12
GORF7102	7102 G	NOA	Beltsville, Maryland	39	01	283	10
GRASSE	7605 G	EUR	Grasse, France	43	45	6	55
HALEAKAL	7120 G	PCF	LURE Obs., Maui, Hawaii	20	42	203	45
HARTRAO	7232 A	AFR	Johannesburg, South Africa	-25	52	27	41
HATCREEK	7218 A	NOA	Hat Creek, California	40	49	238	32
HAYSTACK	7205 A	NOA	Westford, Massachusetts	42	37	288	31
HOBART26	7242 A	AUS	Hobart, Tasmania, Australia	-42	47	147	26
HOHENFRG	7600 G	EUR	Hohenbuenstorf, Germany	53	03	10	29
HRAS 085	7216 A	NOA	Fort Davis, Texas	30	38	256	03
JPL MV1	7263 G	PCF	Pasadena, California	34	12	241	50
KASHIM34	1857 A	NOA	Kashima, Japan	35	57	140	40
KASHIMA	1856 A	NOA	Kashima, Japan	35	57	140	40
KAUAI	1311 A	PCF	Kokee Park, Kauai, Hawaii	22	08	200	20
KODIAK	7278 G	NOA	Kodiak, Alaska	57	44	207	30
KWAJAL26	4968 A	PCF	Roi-Namur, Marshall Islands	9	24	167	29
LA-VLBA	7611 A	NOA	Los Alamos, New Mexico	35	47	253	45
LEONRDOK	7292 G	NOA	Leonard, Oklahoma	35	55	264	12
MAMMOTHL	7259 G	NOA	Mammoth Lakes, California	37	38	241	03

Table 1.2 (continued)

VLBI SITE LOCATIONS							
				LAT		LONG	
Site Name	Mon.	Plt	Location	deg	min	deg	min
MARCUS	7310 A	PAC	Minami-tori Shima, Japan	24	17	153	59
MARPOINT	7217 A	NOA	Maryland Point, Maryland	38	22	282	46
MATERA	7243 A	EUR	Matera, Italy	40	39	16	42
MCD 7850	7850 G	NOA	Fort Davis, Texas	30	41	255	59
MEDICINA	7230 A	EUR	Medicina, Italy	44	31	11	39
METSHOVI	7601 G	EUR	Metsahovi, Finland	60	15	24	23
MILESMON	7038 G	NOA	Miles City, Montana	46	24	254	08
MIYAZAKI	7312 G	EUR	Miyazaki, Japan	32	05	131	29
MIZUSGSI	7314 G	NOA	Mizusawa, Japan	39	07	141	12
MOJ 7288	7288 G	NOA	Barstow, California	35	20	243	07
MOJAVE12	7222 A	NOA	Barstow, California	35	20	243	07
MON PEAK	7274 G	PCF	Monument Peak, California	32	54	243	35
NOBEY 6M	7244 A	NOA	Nobeyama, Japan	35	56	138	28
NOME	7279 G	NOA	Nome, Alaska	64	34	194	38
NOTO	7547 A	EUR	Noto, Sicily, Italy	36	53	14	59
NRAO 140	7204 A	NOA	Green Bank, West Virginia	38	26	280	10
NRAO85 3	7214 A	NOA	Green Bank, West Virginia	38	26	280	09
OCOTILLO	7270 G	NOA	Ocotillo, California	32	47	244	12
ONSALA60	7213 A	EUR	Onsala, Sweden	57	24	11	56
OVR 7853	7853 G	NOA	Big Pine, California	37	14	241	42
OVRO 130	7207 A	NOA	Big Pine, California	37	14	241	43
PBLOSSOM	7254 G	PCF	Pearblossom, California	34	31	242	05
PENTICTN	7283 G	NOA	Penticton, B.C., Canada	49	19	240	23
PIETOWN	7234 A	NOA	Pie Town, New Mexico	34	18	251	53
PINFLATS	7256 G	NOA	Pinyon Flats, California	33	37	243	32
PLATTVIL	7258 G	NOA	Platteville, Colorado	40	11	255	16
PRESIDIO	7252 G	PCF	San Francisco, California	37	48	237	33
PT REYES	7251 G	PCF	Point Reyes, California	38	06	237	04
PVERDES	7268 G	PCF	Palos Verdes, California	33	45	241	36
QUINCY	7221 G	NOA	Quincy, California	39	58	239	03
RICHMOND	7219 A	NOA	Miami, Florida	25	37	279	37
ROBLED32	1561 A	EUR	Madrid, Spain	40	26	355	45
SANPAULA	7255 G	PCF	Santa Paula, California	34	23	241	00
SANTIA12	1404 A	SOA	Peldehue, Chile	-33	08	289	20
SEATTLE1	7229 G	NOA	Seattle, Washington	47	41	237	45
SESHAN25	7227 A	EUR	Shanghai, China	31	06	121	12
SEST	7239 A	SOA	Cerro Tolollo, Chile	-29	15	289	16
SHANGHAI	7226 A	EUR	Shanghai, China	31	11	121	26
SINTOTU	7315 G	NOA	Mashike, Hokaido Island, Japan	43	32	141	51
SNDPOINT	7280 G	NOA	Sand Point, Alaska	55	21	199	31

Table 1.2 (continued)

VLBI SITE LOCATIONS					
				LAT	LONG
Site Name	**Mon.**	**Plt**	**Location**	**deg min**	**deg min**
SOURDOGH	7281 G	NOA	Sourdough, Alaska	62 40	214 31
TITIJIMA	7316 G	PCF	Titi Jima Island, Japan	27 06	142 12
TROMSONO	7602 G	EUR	Tromso, Norway	69 40	18 56
TRYSILNO	7607 G	EUR	Trysil, Norway	61 25	12 23
TSUKUBA	7311 G	NOA	Tsukuba, Japan	36 06	140 05
USUDA64	7246 A	EUR	Usuda, Japan	36 08	138 22
VERNAL	7290 G	NOA	Vernal, Utah	40 20	250 26
VICTORIA	7289 G	NOA	Victoria, Vancouver, Canada	48 23	236 31
VNDNBERG	7223 G	PCF	Vandenberg AFB, California	34 33	239 23
WESTFORD	7209 A	NOA	Westford, Massachusetts	42 37	288 30
WETTZELL	7224 A	EUR	Wettzell, Bavaria, FRG	49 09	12 53
WHTHORSE	7284 G	NOA	Whitehorse, Yukon Ter., Canada	60 43	224 55
YAKATAGA	7277 G	NOA	Cape Yakataga, Alaska	60 05	217 31
YELLOWKN	7285 G	NOA	Yellowknife, NW Ter., Canada	62 29	245 32
YLOW7296	7296 G	NOA	Yellowknife, NW Ter., Canada	62 29	245 31
YUMA	7894 G	NOA	Yuma, Arizona	32 56	245 48

2.0 Summary of Sessions by Database and Site

Table 2.1 is a summary of the observing sessions. Each line corresponds to one session and contains the database name of the session and an asterisk (*) to indicate which fixed stations and/or mobile sites participated. The final character in each database name was meant to indicate the type of observing session but this convention has not been consistently used; the session types are, however, identified in the column to the right of the database name. These session types correspond to the observing programs described in detail in Section II. B. of the text.

TABLE 2.1
SUMMARY OF EXPERIMENTS BY SITE

```
                                              Fixed stations                             Mobile and Transportable Sites
                                  -----------------------------------------------||-------------------------------------------------------------------------
                                  |ACDDD|EFGGH|HHHHK|KKKLM|MMMMN|NNNOO|PRRSS|SSUWW||ABBBB|CCDEF|FFFGG|HHJKL|MMMMM|MMMNO|OPPPP|PPPQS|SSSST|TTTVV|VWYYY|Y|
                                  |LHSSS|FDIOA|AAORA|AAWAA|AAEOO|ORRNV|IIOAE|EHSEE||UELLR|AAELL|OOTOR|AOPOE|ACEII|IOOOC|VBEIL|RTVUA|EINOI|RRSEI|NHAEL|U|
                                  |GLSSS|L-LLR|TYBAS|SUA-R|RTDJB|TAASR|ECBNS|SAUST||SRKOE|RRAYA|RRDRA|LHLDO|MDTLY|ZJNMO|RLNNA|E EIN|ANDUT|OYURC|DTKLO|M|
                                  |OB146|SVCDT|CSASH|HAJVC|PEIAE|OOOAO|THLTH|TNDTT||TMBOS|NRD G|TT FS|EE IN|M SEA|U  ET| OTFT|SRRNP|TTPRI|MSKNT|NHALW|A|
                                  |PO555|BLRVR|RTR I|IIALU|ORCVY|  8L |OMEIA| GAFZ||IUUMT|UOM S| 077S|ANMAR|O7HSZ|S7P I|7SILT|IEDCA|TOODJ|SIUAO|BOTO7| |
  Experiment    Experiment        |AL   |EBEEA|EATOM|M LBS|IAIE | 15A1|WODAN| H6OE||NDTI |SLA T|OR91E|KFVKD|T8OMA|G2E L|8SCAV|DYEYU|LTIOI|OLBLR|ERAW2| |
     name          type           |RT   |RAENO|EC283|A 2A |N N16| 4 63|NN312| A4RL||TATN |TGN A|RDOO |AR1 O|H5VOK|S8A L|5OTTI|IES L|EUNGM|NNA I|RSGK9| |
                                  |KN   |G KU |KK654|  6  |T A2M| 0300| D225| I DL||X ED |YAL F|DS02 |LG  K|LOINI|I8K O|3MNSL|OS  A|1 THA|OO  A|GEAN6| |

 1 $79AUG03XX CDP Trans-US        |-----|-----|-*---|-----|-----|-*--*|-----|-----||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-|
 2 $79NOV25X  CDP Atlantic        |-----|*----|-*---|-----|-----|-*--*|-----|-----||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-|
 3 $80APR11XQ CDP Trans-US        |-----|-----|-*-*-|-----|-----|-*--*|-----|-----||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-|
 4 $80JUL26X  CDP MERIT           |-----|*----|-*-*-|-----|-----|---**|-----|-----||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-|
 5 $80JUL27X  CDP MERIT           |-----|*----|-*-*-|-----|-----|---**|-----|-----||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-|
 6 $80SEP26X  CDP MERIT           |-----|*----|-*-*-|-----|-----|---**|-----|-----||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-|
 7 $80SEP27X  CDP MERIT           |-----|*----|-*-*-|-----|-----|---**|-----|-----||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-|
 8 $80SEP28X  CDP MERIT           |-----|*----|-*-*-|-----|-----|---**|-----|-----||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-|
 9 $80SEP29X  CDP MERIT           |-----|-----|-*-*-|-----|-----|---**|-----|-----||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-|
10 $80SEP30X  CDP MERIT           |-----|-----|-*-*-|-----|-----|---**|-----|-----||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-|
11 $80OCT01X  CDP MERIT           |-----|-----|-*-*-|-----|-----|---**|-----|-----||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-|
12 $80OCT02X  CDP MERIT           |-----|-----|-*-*-|-----|-----|---**|-----|-----||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-|
13 $80OCT16X  CDP MERIT           |-*---|-----|-*-*-|-----|-----|---**|-----|-----||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-|
14 $80OCT17X  CDP MERIT           |-*---|-----|-*-*-|-----|-----|---**|-----|-----||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-|
15 $80OCT18X  CDP MERIT           |-*---|-----|-*-*-|-----|-----|---**|-----|-----||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-|
16 $80OCT19X  CDP MERIT           |-*---|-----|-*-*-|-----|-----|---*-|-----|-----||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-|
17 $80OCT20X  CDP MERIT           |-*---|-----|-*-*-|-----|-----|---**|-----|-----||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-|
18 $80OCT21X  CDP MERIT           |-*---|-----|-*-*-|-----|-----|---**|-----|-----||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-|
19 $80OCT22X  CDP MERIT           |-*---|-----|-*-*-|-----|-----|---**|-----|-----||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-|
20 $80NOV03XA NGS POLARIS         |-----|-----|-*-*-|-----|-----|-----|-----|-----||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-|
21 $80DEC01XA NGS POLARIS         |-----|-----|-*-*-|-----|-----|---*-|-----|-----||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-|
22 $80DEC19XA NGS POLARIS         |-----|-----|-*-*-|-----|-----|---*-|-----|-----||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-|
23 $81JAN07XB NGS POLARIS         |-----|-----|-*-*-|-----|-----|-----|-----|-----||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-|
24 $81JAN22XA NGS POLARIS         |-----|-----|-*-*-|-----|-----|---*-|-----|-----||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-|
25 $81FEB12X  NGS POLARIS         |-----|-----|-*-*-|-----|-----|-----|-----|-----||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-|
26 $81FEB27X  NGS POLARIS         |-----|-----|-*-*-|-----|-----|---*-|-----|-----||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-|
27 $81MAR16X  NGS POLARIS         |-----|-----|-*-*-|-----|-----|-----|-----|-----||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-|
28 $81MAY13X  NGS POLARIS         |-----|-----|-*-*-|-----|-----|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-|
29 $81JUN16X  CDP Trans-US        |-----|-----|-*-*-|-----|-----|----*|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-|
30 $81JUN24XA NGS POLARIS         |-----|-----|---*-|-----|-----|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-|
31 $81JUL01X  NGS POLARIS         |-----|-----|---*-|-----|-----|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-|
32 $81JUL08X  NGS POLARIS         |-----|-----|---*-|-----|-----|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-|
33 $81JUL15X  NGS POLARIS         |-----|-----|---*-|-----|-----|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-|
34 $81JUL22X  NGS POLARIS         |-----|-----|---*-|-----|-----|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-|
35 $81JUL29X  NGS POLARIS         |-----|-----|---*-|-----|-----|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-|
36 $81AUG05X  NGS POLARIS         |-----|-----|---*-|-----|-----|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-|
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Table 2.1 (continued)

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                           |ACDDD|EFGGH|HHHHK|KKKLM|MMMMN|NNNOO|PRRSS|SSUWW||ABBBB|CCDEF|FFFGG|HHJKL|MMMMM|MMMNO|OPPPP|PPPQS|SSSST|TTTVV|VWYYY|Y     |
                           |LHSSS|FDIOA|AAORA|AAWAA|AAEOO|ORRNV|IIOAE|EHSEE||UELLR|AAELL|OOTOR|AOPOE|ACEII|IOOOC|VBEIL|RTVUA|EINOI|RRSEI|NHAEL|U     |
                           |GLSSS|L-LLR|TYBAS|SUA-R|RTDJB|TAASR|ECBNS|SAUST||SRKOE|RRAYA|RRDRA|LHLDO|MDTLY|ZJNMO|RLNNA|E EIN|ANDUT|OYURC|DTKLO|M     |
                           |OB146|SVCDT|CSASH|HAJVC|PEIAE|OOOAO|THLTH|TNDTT||TMBOS|NRD G|TT FS|EE IN|M SEA|U  ET| OTFT|SRRNP|TTPRI|MSKNT|NHALW|A     |
                           |PO555|BLRVR|RTR I|IIALU|ORCVY|  8L |OMEIA| GAFZ||IUUMT|UOM S| 077S|ANMAR|07HSZ|S7P I|7SILT|IEDCA|TOODJ|SIUAO|BOTO7|      |
 Experiment Experiment     |AL   |EBEEA|EATOM|M LBS|IAIE | 15A1|WODAN| H60E||NDTI |SLA T|OR91E|KFVKD|T8OMA|G2E L|8SCAV|DYEYU|LTIOI|OLBLR|ERAW2|      |
    name       type        |RT   |RAENO|EC283|A 2A |N N16| 4 63|NN312| A4RL||TATN |TGN A|RD00 |AR1 O|H5VOK|S8A L|5OTTI|IES L|EUNGM|NNA I|RSGK9|      |
                           |KN   |G KU |KK654|  6  |T A2M| 0300| D225| I DL||X ED |YAL F|DS02 |LG  K|LOINI|I8K O|3MNSL|OS  A|1 THA|OO  A|GEAN6|      |

37 $81AUG26X  NGS POLARIS  |-----|-----|---*-|-----|-----|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-     |
38 $81SEP02XA NGS POLARIS  |-----|-----|---*-|-----|-----|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-     |
39 $81SEP09X  NGS POLARIS  |-----|-----|---*-|-----|-----|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-     |
40 $81SEP16X  NGS POLARIS  |-----|-----|---*-|-----|-----|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-     |
41 $81SEP23X  NGS POLARIS  |-----|-----|---*-|-----|-----|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-     |
42 $81SEP30X  NGS POLARIS  |-----|-----|---*-|-----|-----|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-     |
43 $81OCT15X  NGS POLARIS  |-----|-----|---*-|-----|-----|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-     |
44 $81OCT21XA NGS POLARIS  |-----|-----|---*-|-----|-----|---*-|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-     |
45 $81OCT28X  NGS POLARIS  |-----|-----|---*-|-----|-----|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-     |
46 $81NOV04XA NGS POLARIS  |-----|-----|---*-|-----|-----|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-     |
47 $81NOV10X  NGS POLARIS  |-----|-----|---*-|-----|-----|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-     |
48 $81NOV18X  CDP Atlantic |-----|-----|-*-*-|-----|-----|-*-**|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-     |
49 $81NOV19X  CDP Atlantic |-----|---*-|-*-*-|-----|-----|-*-**|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-     |
50 $81NOV24XA NGS POLARIS  |-----|-----|---*-|-----|-----|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-     |
51 $81DEC02XA NGS POLARIS  |-----|-----|---*-|-----|-----|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-     |
52 $81DEC16X  NGS POLARIS  |-----|-----|---*-|-----|-----|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-     |
53 $81DEC22X  NGS POLARIS  |-----|-----|---*-|-----|-----|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-     |
54 $81DEC29XA NGS POLARIS  |-----|-----|---*-|-----|-----|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-     |
55 $82JAN06X  NGS POLARIS  |-----|-----|---*-|-----|-----|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-     |
56 $82JAN13X  NGS POLARIS  |-----|-----|---*-|-----|-----|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-     |
57 $82JAN20X  NGS POLARIS  |-----|-----|---*-|-----|-----|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-     |
58 $82JAN27X  NGS POLARIS  |-----|-----|---*-|-----|-----|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-     |
59 $82FEB01X  NGS POLARIS  |-----|-----|---*-|-----|-----|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-     |
60 $82FEB10X  NGS POLARIS  |-----|-----|---*-|-----|-----|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-     |
61 $82FEB17X  NGS POLARIS  |-----|-----|---*-|-----|-----|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-     |
62 $82FEB24X  NGS POLARIS  |-----|-----|---*-|-----|-----|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-     |
63 $82MAR03X  NGS POLARIS  |-----|-----|---*-|-----|-----|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-     |
64 $82MAR10X  NGS POLARIS  |-----|-----|---*-|-----|-----|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-     |
65 $82MAR17X  NGS POLARIS  |-----|-----|---*-|-----|-----|---*-|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-     |
66 $82MAR24X  NGS POLARIS  |-----|-----|---*-|-----|-----|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-     |
67 $82MAR29X  NGS POLARIS  |-----|-----|---*-|-----|-----|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-     |
68 $82APR07X  NGS POLARIS  |-----|-----|---*-|-----|-----|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-     |
69 $82APR13X  NGS POLARIS  |-----|-----|---*-|-----|-----|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-     |
70 $82APR19XA NGS POLARIS  |-----|-----|---*-|-----|-----|---*-|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-     |
71 $82APR26X  NGS POLARIS  |-----|-----|---*-|-----|-----|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-     |
72 $82MAY03X  NGS POLARIS  |-----|-----|---*-|-----|-----|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-     |
73 $82MAY10XA NGS POLARIS  |-----|-----|---*-|-----|-----|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-     |
74 $82MAY17X  NGS POLARIS  |-----|-----|---*-|-----|-----|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-     |
75 $82JUN02X  NGS POLARIS  |-----|-----|---*-|-----|-----|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-     |
76 $82JUN07X  NGS POLARIS  |-----|-----|---*-|-----|-----|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-     |
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Table 2.1 (continued)

	Experiment name	Experiment type	ACDDD LHSSS GLSSS OB146 PO555 AL RT KN	EFGGH FDIOA L-LLR SVCDT BLRVR EBEEA RAENO G KU	HHHHK AAORA TYBAS CSASH RTR I EATOM EC283 KK654	KKKLM AAWAA SUA-R HAJVC IIALU M LBS A 2A 6	MMMMN AAEOO RTDJB PEIAE ORCVY IAIE N N16 T A2M	NNNOO ORRNV TAASR OOOAO 8L 15A1 4 63 0300	PRRSS IIOAE ECBNS THLTH OMEIA WODAN NN312 D225	SSUWW EHSEE SAUST TNDTT GAFZ H6OE A4RL I DL	ABBBB UELLR SRKOE TMBOS IUUMT NDTI TATN X ED	CCDEF AAELL RRAYA NRD G UOM S SLA T TGN A YAL F	FFFGG OOTOR RRDRA TT FS 077S OR91E RD00 DS02	HHJKL AOPOE LHLDO EE IN ANMAR KFVKD AR1 O LG K	MMMMM ACEII MDTLY M SEA O7HSZ T8OMA H5VOK L0INI	MMMNO IOOOC ZJNMO U ET S7P I G2E L S8A L I8K O	OPPPP VBEIL RLNNA OTFT 7SILT 8SCAV 5OTTI 3MNSL	PPPQS RTVUA E EIN SRRNP IEDCA DYEYU IES L OS A	SSSST EINOI ANDUT TTPRI TOODJ LTIOI EUNGM 1 THA	TTTVV RRSEI OYURC MSKNT SIUAO OLBLR NNA I OO A	VWYYY NHAEL DTKLO NHALW BOTO7 ERAW2 RSGK9 GEAN6	Y U M A
77	$82JUN16X	CDP Atlantic	-----	---*-	-----	-----	-----	---**	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
78	$82JUN18X	CDP Atlantic	-----	-----	-*---	-----	*----	---**	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
79	$82JUN19XA	CDP Atlantic	-----	-----	-*---	-----	*----	---**	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
80	$82JUN20XA	CDP Atlantic	-----	-----	-*-*-	-----	-----	---**	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
81	$82JUN21X	CDP Atlantic	-----	---*-	---*-	-----	-----	---**	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
82	$82JUN28X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
83	$82JUL06XA	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
84	$82JUL12X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
85	$82JUL19X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
86	$82JUL26X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
87	$82AUG04X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
88	$82AUG09X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
89	$82AUG16X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
90	$82AUG23X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
91	$82AUG30X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
92	$82SEP07X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
93	$82SEP13X	NGS POLARIS	-----	-----	---*-	-----	-----	---*-	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
94	$82SEP20X	NGS POLARIS	-----	-----	---*-	-----	-----	---*-	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
95	$82SEP27X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
96	$82OCT04X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
97	$82OCT13X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
98	$82OCT16XA	California	-----	-----	---*-	-----	-----	----*	-----	-----	-----	-----	-----	--*--	-----	--*--	-----	-----	-----	-----	-----	-
99	$82OCT17XA	California	-----	-----	---*-	-----	-----	----*	-----	-----	-----	-----	-----	-----	-----	--*--	-----	-----	-----	-----	-----	-
100	$82OCT18X	CDP Trans-US	-----	-----	---*-	-----	*----	---**	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
101	$82OCT21XA	California	-----	-----	-----	-----	-----	----*	-----	-----	-----	-----	-----	--*--	-----	-----	-----	---*-	-----	-----	-----	-
102	$82OCT23XA	California	-----	---*-	---*-	-----	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	---*-	-----	-----	-----	-
103	$82OCT25X	NGS POLARIS	-----	-----	---*-	-----	-----	----*	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
104	$82NOV01XA	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
105	$82NOV08XA	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
106	$82NOV15X	NGS POLARIS	-----	-----	---*-	-----	-----	---*-	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
107	$82NOV22XA	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
108	$82NOV29XA	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
109	$82DEC06XA	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
110	$82DEC15X	CDP Atlantic	-----	-----	---*-	-----	-----	-*-**	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
111	$82DEC16X	CDP Atlantic	-----	-----	---*-	-----	-----	-*-**	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
112	$82DEC20XA	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
113	$82DEC27X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
114	$83JAN03X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
115	$83JAN10X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
116	$83JAN17X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-

Table 2.1 (continued)

	Experiment name	Experiment type	ACDDD LHSSS GLSSS OB146 PO555 AL RT KN	EFGGH FDIOA L-LLR SVCDT BLRVR EBEEA RAENO G KU	HHHHK AAORA TYBAS CSASH RTR I EATOM EC283 KK654	KKKLM AAWAA SUA-R HAJVC IIALU M LBS A 2A 6	MMMMN AAEOO RTDJB PEIAE ORCVY IAIE N N16 T A2M	NNNOO ORRNV TAASR OOOAO 8L 15A1 4 63 0300	PRRSS IIOAE ECBNS THLTH OMEIA WODAN NN312 D225	SSUWW EHSEE SAUST TNDTT GAFZ H6OE A4RL I DL	ABBBB UELLR SRKOE TMBOS IUUMT NDTI TATN X ED	CCDEF AAELL RRAYA NRD G UOM S SLA T TGN A YAL F	FFFGG OOTOR RRDRA TT FS O77S OR91E RD00 DS02	HHJKL AOPOE LHLDO EE IN ANMAR KFVKD AR1 O LG K	MMMMM ACEII MDTLY M SEA O7HSZ T8OMA H5VOK LOINI	MMMNO IOOOC ZJNMO U ET S7P I G2E L S8A L I8K O	OPPPP VBEIL RLNNA OTFT 7SILT 8SCAV 5OTTI 3MNSL	PPPQS RTVUA E EIN SRRNP IEDCA DYEYU IES L OS A	SSSST EINOI ANDUT TTPRI TOODJ LTIOI EUNGM 1 THA	TTTVV RRSEI OYURC MSKNT SIUAO OLBLR NNA I OO A	VWYYY NHAEL DTKLO NHALW BOTO7 ERAW2 RSGK9 GEAN6	Y U M A
117	$83JAN24XA	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
118	$83JAN31XA	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
119	$83FEB07X	NGS POLARIS	-----	-----	---*-	-----	-----	---*-	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
120	$83FEB14XA	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
121	$83FEB21X	California	-----	-----	-----	-----	-----	----*	-----	-----	-----	-----	-----	--*--	-----	-----	-*---	-----	-----	-----	-----	-
122	$83FEB28X	NGS POLARIS	-----	-----	---*-	-----	-----	---*-	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
123	$83MAR07X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
124	$83MAR14X	NGS POLARIS	-----	-----	---*-	-----	-----	---*-	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
125	$83MAR21X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
126	$83MAR28X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
127	$83APR04X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
128	$83APR11X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
129	$83APR18X	NGS POLARIS	-----	-----	-----	-----	-----	---*-	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
130	$83APR25X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
131	$83MAY02X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
132	$83MAY05X	CDP Atlantic	-----	*----	-*-*-	-----	-----	---*-	--*--	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
133	$83MAY09X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
134	$83MAY16X	NGS POLARIS	-----	-----	---*-	-----	-----	---*-	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
135	$83MAY23X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
136	$83MAY31X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
137	$83JUN06X	CDP Trans-US	-----	-----	*--*-	-----	-----	----*	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
138	$83JUN07X	Western US	-----	-----	*----	-----	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	----*	-----	-----	-----	-----	-
139	$83JUN07XP	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
140	$83JUN09X	CDP Trans-US	-----	-----	*--*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	----*	-----	-----	-----	-----	-
141	$83JUN13X	NGS POLARIS	-----	-----	---*-	-----	-----	---*-	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
142	$83JUN20X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
143	$83JUN27XA	California	-----	-----	*--*-	-----	---*-	----*	-----	-----	-----	-----	-----	-----	-----	--*--	-----	---*-	-----	-----	-----	-
144	$83JUN28XA	NGS POLARIS	-----	-----	---*-	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
145	$83JUN29X	California	-----	-----	*--*-	-----	---*-	----*	-----	-----	-----	-----	-----	--*--	*----	-----	-----	-----	-----	-----	-----	-
146	$83JUL05X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
147	$83JUL11X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
148	$83JUL25X	NGS POLARIS	-----	-----	---*-	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
149	$83JUL27X	CDP Research	-----	-----	-----	-----	-----	---*-	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
150	$83AUG01X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
151	$83AUG08X	NGS POLARIS	-----	-----	---*-	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
152	$83AUG15X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
153	$83AUG22XJ	California	-----	-----	-----	-----	---*-	----*	-----	-----	-----	-----	-----	--*--	-----	-----	-*---	-----	-----	-----	*----	-
154	$83AUG22XP	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
155	$83AUG23X	California	-----	-----	---*-	-----	---*-	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
156	$83AUG25XJ	California	-----	-----	-----	-----	---*-	----*	-----	-----	-----	-----	*----	-----	-----	-----	-----	*----	-----	-----	*----	-

Table 2.1 (continued)

	Experiment name	Experiment type	ACDDD LHSSS GLSSS OB146 PO555 AL RT KN	EFGGH FDIOA L-LLR SVCDT BLRVR EBEEA RAENO G KU	HHHHK AAORA TYBAS CSASH RTR I EATOM EC283 KK654	KKKLM AAWAA SUA-R HAJVC IIALU M LBS A 2A 6	MMMMN AAEOO RTDJB PEIAE ORCVY IAIE N N16 T A2M	NNNOO ORRNV TAASR OOOAO 8L 15A1 4 63 0300	PRRSS IIOAE ECBNS THLTH OMEIA WODAN NN312 D225	SSUWW EHSEE SAUST TNDTT GAFZ H6OE A4RL I DL	ABBBB UELLR SRKOE TMBOS IUUMT NDTI TATN X ED	CCDEF AAELL RRAYA NRD G UOM S SLA T TGN A YAL F	FFFGG OOTOR RRDRA TT FS 077S OR91E RD00 DS02	HHJKL AOPOE LHLDO EE IN ANMAR KFVKD AR1 O LG K	MMMMM ACEII MDTLY M SEA O7HSZ T8OMA H5VOK LOINI	MMMNO IOOOC ZJNMO U ET S7P I G2E L S8A L I8K O	OPPPP VBEIL RLNNA OTFT 7SILT 8SCAV 5OTTI 3MNSL	PPPQS RTVUA E EIN SRRNP IEDCA DYEYU IES L OS A	SSSST EINOI ANDUT TTPRI TOODJ LTIOI EUNGM 1 THA	TTTVV RRSEI OYURC MSKNT SIUAO OLBLR NNA I OO A	VWYYY NHAEL DTKLO NHALW BOTO7 ERAW2 RSGK9 GEAN6	Y U M A
157	$83AUG27X	California	-----	---*-	-----	-----	---*-	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	**---	-----	-----	*----	-
158	$83AUG29X	NGS POLARIS	-----	-----	---*-	-----	*----	---*-	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
159	$83AUG30X	CDP Atlantic	-----	-----	-*---	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
160	$83AUG31X	California	-----	-----	-----	-----	---*-	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	----*	-----	-----	*----	-
161	$83SEP02X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
162	$83SEP07X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
163	$83SEP12X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
164	$83SEP17X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
165	$83SEP22X	NGS POLARIS	-----	-----	---*-	-----	-----	---*-	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
166	$83SEP23XA	CDP Atlantic	-----	-----	-*---	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
167	$83SEP27X	NGS POLARIS	-----	-----	---*-	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
168	$83OCT02X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
169	$83OCT07X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
170	$83OCT12X	NGS POLARIS	-----	-----	---*-	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
171	$83OCT17X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
172	$83OCT22X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
173	$83OCT27X	NGS POLARIS	-----	-----	---*-	-----	---*-	---*-	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
174	$83OCT28X	CDP Atlantic	-----	-----	-*---	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
175	$83OCT29X	California	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	--*--	-----	-----	-----	-----	-----	-----	-----	-
176	$83OCT31X	California	-----	-----	-----	-----	---*-	----*	-----	-----	-----	-----	-----	--*--	-----	-----	---*-	-----	-----	-----	*----	-
177	$83NOV01X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
178	$83NOV03X	California	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	---*-	-----	-----	-----	*----	*
179	$83NOV05X	California	-----	-----	---*-	-----	---*-	----*	-----	-----	-----	-----	-----	-----	-----	--*--	-----	-----	-----	-----	-----	*
180	$83NOV06X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
181	$83NOV08X	California	-----	-----	---*-	-----	---*-	-----	-----	-----	--*--	-----	-----	-----	-----	--*--	-----	-----	-----	-----	*----	-
182	$83NOV10X	California	-----	-----	-----	-----	---*-	-----	-----	-----	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	-
183	$83NOV11X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
184	$83NOV12X	California	-----	-----	-----	-----	---*-	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-----	-----	*----	-
185	$83NOV16X	NGS POLARIS	-----	-----	---*-	-----	-----	---*-	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
186	$83NOV17X	CDP Atlantic	-----	-----	-*---	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
187	$83NOV21X	NGS POLARIS	-----	-----	---*-	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
188	$83NOV26X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
189	$83DEC01X	NGS POLARIS	-----	-----	---*-	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
190	$83DEC06X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
191	$83DEC11X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
192	$83DEC16X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
193	$83DEC21X	NGS POLARIS	-----	-----	---*-	-----	-----	---*-	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
194	$83DEC22X	CDP Atlantic	-----	-----	-*---	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
195	$83DEC26X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
196	$83DEC31X	NGS POLARIS	-----	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-

Table 2.1 (continued)

	Experiment name	Experiment type	ACDDD LHSSS GLSSS OB146 PO555 AL RT KN	EFGGH FDIOA L-LLR SVCDT BLRVR EBEEA RAENO G KU	HHHHK AAORA TYBAS CSASH RTR I EATOM EC283 KK654	KKKLM AAWAA SUA-R HAJVC IIALU M LBS A 2A 6	MMMMN AAEOO RTDJB PEIAE ORCVY IAIE N N16 T A2M	NNNOO ORRNV TAASR OOOAO 8L 15A1 4 63 0300	PRRSS IIOAE ECBNS THLTH OMEIA WODAN NN312 D225	SSUWW EHSEE SAUST TNDTT GAFZ H6OE A4RL I DL	ABBBB UELLR SRKOE TMBOS IUUMT NDTI TATN X ED	CCDEF AAELL RRAYA NRD G UOM S SLA T TGN A YAL F	FFFGG OOTOR RRDRA TT FS 077S OR91E RD00 DS02	HHJKL AOPOE LHLDO EE IN ANMAR KFVKD AR1 O LG K	MMMMM ACEII MDTLY M SEA O7HSZ T8OMA H5VOK LOINI	MMMNO IOOOC ZJNMO U ET S7P I G2E L S8A L I8K O	OPPPP VBEIL RLNNA OTFT 7SILT 8SCAV 5OTTI 3MNSL	PPPQS RTVUA E EIN SRRNP IEDCA DYEYU IES L OS A	SSSST EINOI ANDUT TTPRI TOODJ LTIOI EUNGM 1 THA	TTTVV RRSEI OYURC MSKNT SIUAO OLBLR NNA I OO A	VWYYY NHAEL DTKLO NHALW BOTO7 ERAW2 RSGK9 GEAN6	Y U M A
197	$84JAN04X	IRIS-A	-----	-----	---*-	-----	---*-	-----	-*---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
198	$84JAN07X	Local Survey	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
199	$84JAN09X	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
200	$84JAN14X	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
201	$84JAN14XP	Local Survey	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
202	$84JAN24X	IRIS-A	-----	-----	---*-	-----	-----	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
203	$84JAN24XK	CDP Pacific	-----	-----	-----	*----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
204	$84JAN29X	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
205	$84FEB03X	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
206	$84FEB08X	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
207	$84FEB13X	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
208	$84FEB18X	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
209	$84FEB20X	California	-----	-----	-----	-----	---*-	----*	-----	-----	-----	-----	-----	--*--	-----	-----	-*---	-----	-----	-----	*----	-
210	$84FEB21X	CDP Research	-----	-----	-----	-----	---*-	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
211	$84FEB23X	California	-----	-----	*----	-----	---*-	----*	-----	-----	-----	-----	*----	-----	-----	-----	-----	-----	-----	-----	*----	-
212	$84FEB23XA	IRIS-A	-----	-----	---*-	-----	-----	---*-	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
213	$84FEB24X	CDP Atlantic	-----	-----	-*---	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
214	$84FEB24XW	CDP Pacific	-----	-----	*----	*----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
215	$84FEB26X	California	-----	-----	*----	-----	---*-	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-*---	-----	-----	*----	-
216	$84FEB28XP	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
217	$84FEB29X	California	-----	-----	-----	-----	---*-	-----	-----	-----	-----	--*--	-----	-----	-----	-----	-----	----*	-----	-----	*----	-
218	$84MAR03X	California	-----	-----	-----	-----	---*-	-----	-----	-----	--*--	-----	-----	-----	-----	----*	-----	-----	-----	-----	*----	-
219	$84MAR04XP	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
220	$84MAR09XP	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
221	$84MAR14X	IRIS-A	-----	-----	---*-	-----	-----	---*-	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
222	$84MAR19X	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
223	$84MAR25X	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
224	$84MAR30X	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
225	$84APR03X	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
226	$84APR08X	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
227	$84APR09X	California	-----	-----	-----	-----	---*-	----*	-----	-----	-----	-----	-----	--*--	*----	-----	-----	-----	-----	-----	-----	-
228	$84APR12X	California	-----	-----	*--*-	-----	---*-	----*	-----	-----	-----	-----	-----	-----	-----	--*--	-----	---*-	-----	-----	*----	-
229	$84APR13X	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
230	$84APR17X	California	-----	-----	*--*-	-----	---*-	-----	-----	-----	-----	----*	-----	-----	-----	-----	----*	-----	-----	-----	-----	-
231	$84APR18X	IRIS-A	-----	-----	---*-	-----	-----	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
232	$84APR19X	CDP Atlantic	-----	-----	-*---	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
233	$84APR22X	California	-----	-----	---*-	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	----*	-----	-----	-----	-----	-
234	$84APR23X	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
235	$84APR25X	California	-----	-----	*--*-	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	----*	-----	-----	-----	-----	-
236	$84APR26X	N. Am. Plate	-----	-----	**-*-	-----	---*-	----*	-----	-----	-----	-----	-----	-----	-----	-----	----*	-----	-----	-----	-----	-

Table 2.1 (continued)

	Experiment name	Experiment type	ACDDD LHSSS GLSSS OB146 PO555 AL RT KN	EFGGH FDIOA L-LLR SVCDT BLRVR EBEEA RAENO G KU	HHHHK AAORA TYBAS CSASH RTR I EATOM EC283 KK654	KKKLM AAWAA SUA-R HAJVC IIALU M LBS A 2A 6	MMMMN AAEOO RTDJB PEIAE ORCVY IAIE N N16 T A2M	NNNOO ORRNV TAASR OOOAO 8L 15A1 4 63 0300	PRRSS IIOAE ECBNS THLTH OMEIA WODAN NN312 D225	SSUWW EHSEE SAUST TNDTT GAFZ H6OE A4RL I DL	ABBBB UELLR SRKOE TMBOS IUUMT NDTI TATN X ED	CCDEF AAELL RRAYA NRD G UOM S SLA T TGN A YAL F	FFFGG OOTOR RRDRA TT FS O77S OR91E RD00 DS02	HHJKL AOPOE LHLDO EE IN ANMAR KFVKD AR1 O LG K	MMMMM ACEII MDTLY M SEA O7HSZ T8OMA H5VOK LOINI	MMMNO IOOOC ZJNMO U ET S7P I G2E L S8A L I8K O	OPPPP VBEIL RLNNA OTFT 7SILT 8SCAV 5OTTI 3MNSL	PPPQS RTVUA E EIN SRRNP IEDCA DYEYU IES L OS A	SSSST EINOI ANDUT TTPRI TOODJ LTIOI EUNGM 1 THA	TTTVV RRSEI OYURC MSKNT SIUAO OLBLR NNA I OO A	VWYYY NHAEL DTKLO NHALW BOTO7 ERAW2 RSGK9 GEAN6	Y U M A
237	$84APR28X	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
238	$84MAY03X	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
239	$84MAY08X	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
240	$84MAY13X	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
241	$84MAY18X	IRIS-A	-----	-----	---*-	-----	-----	---*-	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
242	$84MAY19X	CDP Atlantic	-----	-----	-*---	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
243	$84MAY23X	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
244	$84MAY28X	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
245	$84JUN02X	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
246	$84JUN07X	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
247	$84JUN12XI	IRIS-A	-----	-----	---*-	-----	-----	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
248	$84JUN17X	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
249	$84JUN22XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
250	$84JUN27XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
251	$84JUL02XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
252	$84JUL07X	CDP Pacific	-----	--*--	-----	-**--	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	-
253	$84JUL07XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
254	$84JUL12XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
255	$84JUL14X	Alaska	-----	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	---*-	-----	-----	--*--	-----	*----	-
256	$84JUL17XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
257	$84JUL18DX	Japan GSI	-----	-----	-----	*----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-----	-
258	$84JUL21X	CDP Pacific	-----	--*--	-----	-**--	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	-
259	$84JUL22X	CDP Pacific	-----	--*--	-----	-**--	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	-
260	$84JUL22XA	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
261	$84JUL23X	Alaska	-----	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	---*-	-----	---*-	-----	-----	-----	-----	*----	-
262	$84JUL27XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
263	$84JUL28X	CDP Pacific	-----	-----	-----	***--	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
264	$84JUL29X	CDP Pacific	-----	--*--	-----	***--	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
265	$84JUL31X	Alaska	-----	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	---*-	-----	*-*--	-
266	$84AUG01X	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
267	$84AUG04X	CDP Pacific	-----	--*--	-----	***--	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
268	$84AUG05X	CDP Pacific	-----	--*--	-----	***--	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
269	$84AUG06X	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
270	$84AUG07X	Alaska	-----	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	---*-	-----	**---	-
271	$84AUG11X	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
272	$84AUG16X	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
273	$84AUG21X	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
274	$84AUG24X	N. Am. Plate	*----	--*--	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-----	-----	-----	---*-	-
275	$84AUG26XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
276	$84AUG28X	N. Am. Plate	*----	--*--	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-

Table 2.1 (continued)

	Experiment name	Experiment type	ACDDD	EFGGH	HHHHK	KKKLM	MMMMN	NNNOO	PRRSS	SSUWW	ABBBB	CCDEF	FFFGG	HHJKL	MMMMM	MMMNO	OPPPP	PPPQS	SSSST	TTTVV	VWYYY	Y
			LHSSS	FDIOA	AAORA	AAWAA	AAEOO	ORRNV	IIOAE	EHSEE	UELLR	AAELL	OOTOR	AOPOE	ACEII	IOOOC	VBEIL	RTVUA	EINOI	RRSEI	NHAEL	U
			GLSSS	L-LLR	TYBAS	SUA-R	RTDJB	TAASR	ECBNS	SAUST	SRKOE	RRAYA	RRDRA	LHLDO	MDTLY	ZJNMO	RLNNA	E EIN	ANDUT	OYURC	DTKLO	M
			OB146	SVCDT	CSASH	HAJVC	PEIAE	OOOAO	THLTH	TNDTT	TMBOS	NRD G	TT FS	EE IN	M SEA	U ET	OTFT	SRRNP	TTPRI	MSKNT	NHALW	A
			PO555	BLRVR	RTR I	IIALU	ORCVY	8L	OMEIA	GAFZ	IUUMT	UOM S	077S	ANMAR	O7HSZ	S7P I	7SILT	IEDCA	TOODJ	SIUAO	BOTO7	
			AL	EBEEA	EATOM	M LBS	IAIE	15A1	WODAN	H6OE	NDTI	SLA T	OR91E	KFVKD	T8OMA	G2E L	8SCAV	DYEYU	LTIOI	OLBLR	ERAW2	
			RT	RAENO	EC283	A 2A	N N16	4 63	NN312	A4RL	TATN	TGN A	RD00	AR1 O	H5VOK	S8A L	5OTTI	IES L	EUNGM	NNA I	RSGK9	
			KN	G KU	KK654	6	T A2M	0300	D225	I DL	X ED	YAL F	DS02	LG K	LOINI	I8K O	3MNSL	OS A	1 THA	OO A	GEAN6	
277	$84AUG30X	CDP Polar	-----	--*--	-*---	*----	---*-	-----	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
278	$84AUG31XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
279	$84SEP02X	CDP Polar	-----	--*--	-*---	*----	---*-	-----	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
280	$84SEP05XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
281	$84SEP10XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
282	$84SEP15XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
283	$84SEP20XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
284	$84SEP23X	CDP Research	-----	-----	-*---	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
285	$84SEP25XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
286	$84SEP30XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
287	$84OCT05XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
288	$84OCT10XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
289	$84OCT15XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
290	$84OCT20XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
291	$84OCT22X	California	-----	-----	-----	-----	---*-	----*	-----	-----	-----	-----	-----	--*--	*----	-----	-----	-----	-----	-----	*----	-
292	$84OCT23X	CDP Research	-----	-----	-----	-----	---*-	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
293	$84OCT25X	California	-----	-----	-----	-----	---*-	----*	-----	-----	-----	-----	-----	--*--	-----	-----	-*---	-----	-----	-----	*----	-
294	$84OCT25XB	IRIS-A	-----	-----	---*-	-----	-----	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
295	$84OCT26X	CDP Atlantic	-----	-----	-*---	-----	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
296	$84OCT28X	California	-----	-----	-----	-----	---*-	----*	-----	-----	-----	-----	-----	-----	-----	-----	---*-	-----	-----	-----	*----	-
297	$84OCT30XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
298	$84OCT31X	California	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	---*-	-----	-----	-----	*----	*
299	$84NOV04XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
300	$84NOV09XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
301	$84NOV14XI	IRIS-A	-----	-----	---*-	-----	-----	---*-	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
302	$84NOV15X	CDP Atlantic	-----	-----	-*---	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
303	$84NOV16X	CDP Research	-----	-----	-*---	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
304	$84NOV19XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
305	$84NOV24XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
306	$84NOV29XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
307	$84DEC04XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
308	$84DEC09XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
309	$84DEC14XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
310	$84DEC19XI	IRIS-A	-----	-----	---*-	-----	-----	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
311	$84DEC23XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
312	$84DEC29XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
313	$85JAN03XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
314	$85JAN08XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
315	$85JAN09X	California	-----	-----	-----	-----	---*-	-----	-----	-----	-----	--*--	-----	-----	-----	-----	-----	----*	-----	-----	*----	-
316	$85JAN12X	California	-----	-----	-----	-----	---*-	-----	-----	-----	--*--	-----	-----	-----	-----	--*--	-----	-----	-----	-----	*----	-

Table 2.1 (continued)

	Experiment name	Experiment type	ACDDD LHSSS GLSSS OB146 PO555 AL RT KN	EFGGH FDIOA L-LLR SVCDT BLRVR EBEEA RAENO G KU	HHHHK AAORA TYBAS CSASH RTR I EATOM EC283 KK654	KKKLM AAWAA SUA-R HAJVC IIALU M LBS A 2A 6	MMMMN AAEOO RTDJB PEIAE ORCVY IAIE N N16 T A2M	NNNOO ORRNV TAASR OOOAO 8L 15A1 4 63 0300	PRRSS IIOAE ECBNS THLTH OMEIA WODAN NN312 D225	SSUWW EHSEE SAUST TNDTT GAFZ H6OE A4RL I DL	ABBBB UELLR SRKOE TMBOS IUUMT NDTI TATN X ED	CCDEF AAELL RRAYA NRD G UOM S SLA T TGN A YAL F	FFFGG OOTOR RRDRA TT FS 077S OR91E RD00 DS02	HHJKL AOPOE LHLDO EE IN ANMAR KFVKD AR1 O LG K	MMMMM ACEII MDTLY M SEA O7HSZ T8OMA H5VOK LOINI	MMMNO IOOOC ZJNMO U ET S7P I G2E L S8A L I8K O	OPPPP VBEIL RLNNA OTFT 7SILT 8SCAV 5OTTI 3MNSL	PPPQS RTVUA E EIN SRRNP IEDCA DYEYU IES L OS A	SSSST EINOI ANDUT TTPRI TOODJ LTIOI EUNGM 1 THA	TTTVV RRSEI OYURC MSKNT SIUAO OLBLR NNA I OO A	VWYYY NHAEL DTKLO NHALW BOTO7 ERAW2 RSGK9 GEAN6	Y U M A
317	$85JAN13XI	IRIS-A	-----	-----	-----	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
318	$85JAN15X	California	-----	-----	-----	-----	---*-	-----	-----	-----	--*--	-----	-----	-----	-----	----*	-----	-----	-----	-----	*----	-
319	$85JAN18X	California	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	--*--	-----	-----	---*-	-----	-----	-----	*----	-
320	$85JAN18XA	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
321	$85JAN23XI	IRIS-A	-----	-----	---*-	-----	-----	---*-	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
322	$85JAN24X	CDP Atlantic	-----	-----	-*---	-----	-----	---*-	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
323	$85JAN25X	CDP Research	-----	-----	-*---	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
324	$85JAN28XA	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
325	$85FEB02XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
326	$85FEB07XB	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
327	$85FEB12XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
328	$85FEB17XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
329	$85FEB22XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
330	$85FEB27XI	IRIS-A	-----	-----	---*-	-----	-----	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
331	$85MAR01X	California	-----	-----	*--*-	-----	---*-	----*	-----	-----	-----	-----	-----	-----	-----	--*--	-----	-----	-----	-----	*----	*
332	$85MAR04X	California	-----	-----	-----	-----	---*-	----*	-----	-----	-----	-----	-----	-----	-----	----*	-----	--*--	-----	-----	*----	-
333	$85MAR04XI	IRIS-A	-----	-----	---*-	-----	-----	---*-	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
334	$85MAR05X	CDP Atlantic	-----	-----	-*-*-	-----	---*-	---**	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
335	$85MAR07X	California	-----	-----	-----	-----	---*-	----*	-----	-----	-----	-----	-----	--*--	-----	-----	-*---	-----	-----	-----	*----	-
336	$85MAR08X	CDP Research	-----	-----	*----	-----	---*-	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
337	$85MAR09XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
338	$85MAR10X	California	-----	-----	*--*-	-----	---*-	----*	-----	-----	-----	-----	*----	-----	-----	-----	-----	-----	-----	-----	*----	-
339	$85MAR13XR	California	-----	-----	---*-	-----	---*-	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	**---	-----	-----	*----	-
340	$85MAR14XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
341	$85MAR19XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
342	$85MAR20X	CDP Research	-----	-----	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
343	$85MAR24XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
344	$85MAR29XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
345	$85APR03XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
346	$85APR08XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
347	$85APR13XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
348	$85APR18XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
349	$85APR23XI	IRIS-A	-----	-----	---*-	-----	-----	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
350	$85APR24X	CDP Atlantic	-----	-----	-*---	-----	-----	---*-	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
351	$85APR28XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
352	$85MAY02X	Western US	-----	-----	*--*-	-----	---*-	-----	-----	-----	-----	----*	-----	-----	-----	-----	----*	-----	-----	-----	-----	-
353	$85MAY03XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
354	$85MAY06X	Western US	-----	-----	*--*-	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	----*	-----	-----	-----	-----	-
355	$85MAY07XA	N. Am. Plate	-----	--*--	*--*-	-----	---*-	----*	-----	---*-	-----	-----	-----	-----	-----	-----	----*	-----	-----	-----	-----	-
356	$85MAY08XI	IRIS-A	-----	-----	---*-	-----	-----	---*-	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-

Table 2.1 (continued)

	Experiment name	Experiment type	ACDDD LHSSS GLSSS OB146 PO555 AL RT KN	EFGGH FDIOA L-LLR SVCDT BLRVR EBEEA RAENO G KU	HHHHK AAORA TYBAS CSASH RTR I EATOM EC283 KK654	KKKLM AAWAA SUA-R HAJVC IIALU M LBS A 2A 6	MMMMN AAEOO RTDJB PEIAE ORCVY IAIE N N16 T A2M	NNNOO ORRNV TAASR OOOAO 8L 15A1 4 63 0300	PRRSS IIOAE ECBNS THLTH OMEIA WODAN NN312 D225	SSUWW EHSEE SAUST TNDTT GAFZ H6OE A4RL I DL	ABBBB UELLR SRKOE TMBOS IUUMT NDTI TATN X ED	CCDEF AAELL RRAYA NRD G UOM S SLA T TGN A YAL F	FFFGG OOTOR RRDRA TT FS 077S OR91E RD00 DS02	HHJKL AOPOE LHLDO EE IN ANMAR KFVKD AR1 O LG K	MMMMM ACEII MDTLY M SEA O7HSZ T8OMA H5VOK LOINI	MMMNO IOOOC ZJNMO U ET S7P I G2E L S8A L I8K O	OPPPP VBEIL RLNNA OTFT 7SILT 8SCAV 5OTTI 3MNSL	PPPQS RTVUA E EIN SRRNP IEDCA DYEYU IES L OS A	SSSST EINOI ANDUT TTPRI TOODJ LTIOI EUNGM 1 THA	TTTVV RRSEI OYURC MSKNT SIUAO OLBLR NNA I OO A	VWYYY NHAEL DTKLO NHALW BOTO7 ERAW2 RSGK9 GEAN6	Y U M A
357	$85MAY09X	CDP Atlantic	-----	-----	---*-	-----	---*-	---**	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
358	$85MAY12X	Western US	-----	-----	*--*-	-----	---*-	----*	-----	-----	-----	-----	-----	-----	-----	--*--	-----	---*-	-----	-----	*----	-
359	$85MAY13X	Local Survey	-----	-----	*----	-----	---*-	----*	-----	-----	-----	-----	-----	-----	-----	--*--	-----	---*-	-----	-----	-----	-
360	$85MAY13XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
361	$85MAY14X	Western US	-----	-----	---*-	-----	---*-	----*	-----	-----	-----	-----	-----	-----	-----	--*--	-----	---*-	-----	-----	-----	-
362	$85MAY15XG	CDP Pacific	-----	--*--	*----	**---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	-
363	$85MAY18XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
364	$85MAY23XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
365	$85MAY28XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
366	$85MAY30X	CDP Research	-----	-----	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
367	$85JUN02XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
368	$85JUN07XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
369	$85JUN12XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
370	$85JUN17XI	IRIS-A	-----	-----	---*-	-----	-----	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
371	$85JUN18X	CDP Atlantic	-----	-----	-----	-----	-----	---*-	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
372	$85JUN19X	CDP Polar	-----	--*--	-----	*----	---*-	---*-	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
373	$85JUN22XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
374	$85JUN27XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
375	$85JUL02XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
376	$85JUL06X	CDP Pacific	-----	--*--	-----	***--	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	-
377	$85JUL07XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
378	$85JUL12XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
379	$85JUL17XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
380	$85JUL18X	Alaska	-----	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	---*-	-----	---*-	-----	-----	-----	-----	*----	-
381	$85JUL20X	CDP Pacific	-----	--*--	-----	***--	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	-
382	$85JUL22XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
383	$85JUL25X	Alaska	-----	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	---*-	-----	-----	--*--	-----	*----	-
384	$85JUL27X	CDP Pacific	-----	--*--	-----	***--	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	-
385	$85JUL27XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
386	$85AUG01XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
387	$85AUG05X	Alaska	-----	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	---*-	-----	*-*--	-
388	$85AUG06XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
389	$85AUG08DX	Japan GSI	-----	-----	-----	*----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-----	-
390	$85AUG10X	CDP Pacific	-----	--*--	-----	***--	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	-
391	$85AUG11XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
392	$85AUG12X	Alaska	-----	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	---*-	-----	*----	-
393	$85AUG13X	CDP Research	-----	-----	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
394	$85AUG16X	IRIS-A	-----	-----	---*-	-----	-----	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
395	$85AUG21XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
396	$85AUG24X	N. Am. Plate	*----	--*--	---*-	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-

Table 2.1 (continued)

	Experiment name	Experiment type	ACDDD LHSSS GLSSS OB146 PO555 AL RT KN	EFGGH FDIOA L-LLR SVCDT BLRVR EBEEA RAENO G KU	HHHHK AAORA TYBAS CSASH RTR I EATOM EC283 KK654	KKKLM AAWAA SUA-R HAJVC IIALU M LBS A 2A 6	MMMMN AAEOO RTDJB PEIAE ORCVY IAIE N N16 T A2M	NNNOO ORRNV TAASR OOOAO 8L 15A1 4 63 0300	PRRSS IIOAE ECBNS THLTH OMEIA WODAN NN312 D225	SSUWW EHSEE SAUST TNDTT GAFZ H6OE A4RL I DL	ABBBB UELLR SRKOE TMBOS IUUMT NDTI TATN X ED	CCDEF AAELL RRAYA NRD G UOM S SLA T TGN A YAL F	FFFGG OOTOR RRDRA TT FS 077S OR91E RD00 DS02	HHJKL AOPOE LHLDO EE IN ANMAR KFVKD AR1 O LG K	MMMMM ACEII MDTLY M SEA O7HSZ T8OMA H5VOK LOINI	MMMNO IOOOC ZJNMO U ET S7P I G2E L S8A L I8K O	OPPPP VBEIL RLNNA OTFT 7SILT 8SCAV 5OTTI 3MNSL	PPPQS RTVUA E EIN SRRNP IEDCA DYEYU IES L OS A	SSSST EINOI ANDUT TTPRI TOODJ LTIOI EUNGM 1 THA	TTTVV RRSEI OYURC MSKNT SIUAO OLBLR NNA I OO A	VWYYY NHAEL DTKLO NHALW BOTO7 ERAW2 RSGK9 GEAN6	Y U M A
397	$85AUG26XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
398	$85AUG28X	N. Am. Plate	*----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-----	-----	-----	-----	-
399	$85AUG31XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
400	$85SEP04X	N. Am. Plate	*----	--*--	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-----	-----	-----	---*-	-
401	$85SEP05XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
402	$85SEP10XI	IRIS-A	-----	-----	---*-	-----	-----	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
403	$85SEP11X	CDP Atlantic	-----	-----	-----	-----	-----	---*-	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
404	$85SEP12X	CDP Research	-----	-----	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
405	$85SEP15XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
406	$85SEP20XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
407	$85SEP25XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
408	$85SEP30X	CDP Pacific	-----	--*--	*----	**---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	-
409	$85SEP30XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
410	$85OCT02X	CDP Research	-----	-----	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
411	$85OCT05XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
412	$85OCT10XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
413	$85OCT15XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
414	$85OCT19X	California	-----	-----	*--*-	-----	---*-	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	**---	-----	-----	*----	-
415	$85OCT20XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
416	$85OCT23X	California	-----	-----	*--*-	-----	---*-	----*	-----	-----	-----	-----	*----	-----	-----	-----	-----	*----	-----	-----	*----	-
417	$85OCT25X	CDP Research	-----	-----	-----	-----	---*-	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
418	$85OCT25XI	IRIS-A	-----	-----	---*-	-----	-----	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
419	$85OCT27X	California	-----	-----	-----	-----	---*-	----*	-----	-----	-----	-----	-----	--*--	-----	-----	-*---	-----	-----	-----	*----	-
420	$85OCT29X	CDP Atlantic	-----	-----	---*-	-----	---*-	---**	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
421	$85OCT30X	California	-----	-----	-----	-----	---*-	----*	-----	-----	-----	-----	-----	--*--	-----	-----	---*-	-----	-----	-----	*----	-
422	$85OCT30XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
423	$85NOV02X	California	-----	-----	---*-	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	---*-	-----	-----	-----	*----	*
424	$85NOV04XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
425	$85NOV05X	California	-----	-----	---*-	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-*---	-----	-----	-----	-----	*----	*
426	$85NOV07X	CDP Research	-----	-----	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
427	$85NOV09XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
428	$85NOV14XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
429	$85NOV19XI	IRIS-A	-----	-----	---*-	-----	-----	---*-	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
430	$85NOV20X	CDP Atlantic	-----	-----	-----	-----	-----	---*-	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
431	$85NOV21X	CDP Polar	-----	--*--	-----	*----	---*-	---*-	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
432	$85NOV24XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
433	$85NOV29XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
434	$85DEC04XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
435	$85DEC09XI	IRIS-A	-----	-----	---*-	-----	-----	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
436	$85DEC10X	CDP Atlantic	-----	-----	-----	-----	-----	---*-	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-

Table 2.1 (continued)

	Experiment name	Experiment type	ACDDD LHSSS GLSSS OB146 PO555 AL RT KN	EFGGH FDIOA L-LLR SVCDT BLRVR EBEEA RAENO G KU	HHHHK AAORA TYBAS CSASH RTR I EATOM EC283 KK654	KKKLM AAWAA SUA-R HAJVC IIALU M LBS A 2A 6	MMMMN AAEOO RTDJB PEIAE ORCVY IAIE N N16 T A2M	NNNOO ORRNV TAASR OOOAO 8L 15A1 4 63 0300	PRRSS IIOAE ECBNS THLTH OMEIA WODAN NN312 D225	SSUWW EHSEE SAUST TNDTT GAFZ H60E A4RL I DL	ABBBB UELLR SRKOE TMBOS IUUMT NDTI TATN X ED	CCDEF AAELL RRAYA NRD G UOM S SLA T TGN A YAL F	FFFGG OOTOR RRDRA TT FS 077S OR91E RD00 DS02	HHJKL AOPOE LHLDO EE IN ANMAR KFVKD AR1 O LG K	MMMMM ACEII MDTLY M SEA O7HSZ T8OMA H5VOK LOINI	MMMNO IOOOC ZJNMO U ET S7P I G2E L S8A L I8K O	OPPPP VBEIL RLNNA OTFT 7SILT 8SCAV 5OTTI 3MNSL	PPPQS RTVUA E EIN SRRNP IEDCA DYEYU IES L OS A	SSSST EINOI ANDUT TTPRI TOODJ LTIOI EUNGM 1 THA	TTTVV RRSEI OYURC MSKNT SIUAO OLBLR NNA I OO A	VWYYY NHAEL DTKLO NHALW BOTO7 ERAW2 RSGK9 GEAN6	Y U M A
437	$85DEC12X	California	-----	-----	*--*-	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-----	-----	-----	-----	*----	-
438	$85DEC13X	CDP Research	-----	-----	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
439	$85DEC14XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
440	$85DEC19XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
441	$85DEC23XI	IRIS-A	-----	-----	-----	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
442	$85DEC29XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
443	$86JAN03XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
444	$86JAN05X	California	-----	-----	---*-	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-----	-----	-----	-----	-----	-
445	$86JAN08XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
446	$86JAN09XH	IRIS-South	-----	----*	-----	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
447	$86JAN13XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
448	$86JAN14X	CDP Atlantic	-----	-----	-----	-----	-----	---*-	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
449	$86JAN15XH	IRIS-South	-----	----*	-----	-----	-----	---*-	-*---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
450	$86JAN18XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
451	$86JAN19XH	IRIS-South	-----	----*	-----	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
452	$86JAN20X	CDP Research	-----	-----	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
453	$86JAN23XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
454	$86JAN28XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
455	$86JAN29XH	IRIS-South	-----	----*	-----	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
456	$86FEB02XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
457	$86FEB03XH	IRIS-South	-----	----*	-----	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
458	$86FEB07XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
459	$86FEB11XH	IRIS-South	-----	----*	-----	-----	-----	---*-	-*---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
460	$86FEB12XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
461	$86FEB17DX	Japan GSI	-----	-----	-----	*----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-----	-
462	$86FEB17XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
463	$86FEB18X	CDP Research	-----	-----	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
464	$86FEB22XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
465	$86FEB23X	California	-----	-----	---*-	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-----	-----	-----	-----	-----	-
466	$86FEB26X	California	-----	-----	---*-	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-
467	$86FEB27XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
468	$86MAR04XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
469	$86MAR09XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
470	$86MAR11X	CDP Research	-----	-----	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
471	$86MAR13X	CDP Pacific	-----	--*--	-----	**---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
472	$86MAR14XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
473	$86MAR19XI	IRIS-A	-----	-----	---*-	-----	-----	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
474	$86MAR20X	CDP Atlantic	-----	-----	-----	-----	-----	---*-	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
475	$86MAR24XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
476	$86MAR26X	Western US	-----	-----	*--*-	-----	---*-	-----	-----	-----	-----	----*	-----	-----	-----	-----	----*	-----	-----	-----	-----	-

Table 2.1 (continued)

	Experiment name	Experiment type	ACDDD LHSSS GLSSS OB146 PO555 AL RT KN	EFGGH FDIOA L-LLR SVCDT BLRVR EBEEA RAENO G KU	HHHHK AAORA TYBAS CSASH RTR I EATOM EC283 KK654	KKKLM AAWAA SUA-R HAJVC IIALU M LBS A 2A 6	MMMMN AAEOO RTDJB PEIAE ORCVY IAIE N N16 T A2M	NNNOO ORRNV TAASR OOOAO 8L 15A1 4 63 0300	PRRSS IIOAE ECBNS THLTH OMEIA WODAN NN312 D225	SSUWW EHSEE SAUST TNDTT GAFZ H6OE A4RL I DL	ABBBB UELLR SRKOE TMBOS IUUMT NDTI TATN X ED	CCDEF AAELL RRAYA NRD G UOM S SLA T TGN A YAL F	FFFGG OOTOR RRDRA TT FS 077S OR91E RD00 DS02	HHJKL AOPOE LHLDO EE IN ANMAR KFVKD AR1 O LG K	MMMMM ACEII MDTLY M SEA O7HSZ T8OMA H5VOK LOINI	MMMNO IOOOC ZJNMO U ET S7P I G2E L S8A L I8K O	OPPPP VBEIL RLNNA OTFT 7SILT 8SCAV 5OTTI 3MNSL	PPPQS RTVUA E EIN SRRNP IEDCA DYEYU IES L OS A	SSSST EINOI ANDUT TTPRI TOODJ LTIOI EUNGM 1 THA	TTTVV RRSEI OYURC MSKNT SIUAO OLBLR NNA I OO A	VWYYY NHAEL DTKLO NHALW BOTO7 ERAW2 RSGK9 GEAN6	Y U M A
477	$86MAR29XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
478	$86MAR30X	Western US	-----	-----	*--*-	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	----*	-----	-----	---*-	-----	-
479	$86APR01X	N. Am. Plate	-----	--*--	*--*-	-----	---*-	----*	-----	---*-	-----	-----	-----	-----	-----	-----	----*	-----	-----	-----	-----	-
480	$86APR02X	Western US	-----	-----	*--*-	-----	---*-	----*	-----	-----	-----	---*-	-----	-----	-----	-----	----*	-----	-----	-----	-----	-
481	$86APR03XI	IRIS-A	-----	-----	---*-	-----	-----	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
482	$86APR04X	CDP Atlantic	-----	-----	---*-	-----	---*-	---**	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
483	$86APR06X	CDP Research	-----	-----	*----	-----	---*-	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
484	$86APR07X	California	-----	-----	*--*-	-----	---*-	----*	-----	-----	-----	-----	-----	-----	-----	--*--	-----	-----	-----	-----	*----	-
485	$86APR08X	CDP Pacific	-----	--*--	*----	**---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
486	$86APR08XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
487	$86APR10X	California	-----	-----	---*-	-----	---*-	----*	-----	-----	-----	-----	-----	-----	-----	-----	---*-	-----	-----	-----	*----	*
488	$86APR13X	California	-----	-----	-----	-----	---*-	----*	-----	-----	-----	-----	-----	--*--	-----	-----	---*-	-----	-----	-----	*----	-
489	$86APR13XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
490	$86APR17X	CDP Research	-----	-----	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
491	$86APR18XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
492	$86APR23XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
493	$86APR28XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
494	$86MAY02XT	CDP Pacific	-----	--*--	-----	**---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
495	$86MAY03XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
496	$86MAY08XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
497	$86MAY13XI	IRIS-A	-----	-----	---*-	-----	-----	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
498	$86MAY14X	CDP Atlantic	-----	-----	---*-	-----	---*-	---**	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
499	$86MAY17XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
500	$86MAY18X	California	-----	-----	---*-	-----	---*-	----*	-----	-----	--*--	-----	-----	-----	-----	--*--	-----	-----	-----	-----	*----	-
501	$86MAY21X	California	-----	-----	*--*-	-----	---*-	----*	-----	-----	-----	-----	-----	-----	-----	--*--	-----	-----	-----	-----	*----	*
502	$86MAY23XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
503	$86MAY28XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
504	$86MAY29X	CDP Research	-----	-----	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
505	$86JUN02XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
506	$86JUN07XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
507	$86JUN11X	CDP Research	-----	-----	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
508	$86JUN12XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
509	$86JUN13X	CDP Pacific	-----	--*--	-----	**---	-----	-----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
510	$86JUN16X	CDP Atlantic	-----	-----	-----	-----	-----	---*-	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
511	$86JUN17XI	IRIS-A	-----	-----	---*-	-----	-----	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
512	$86JUN18X	CDP Polar	-----	--*--	-----	*----	---*-	---*-	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
513	$86JUN22XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
514	$86JUN27XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
515	$86JUL02XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
516	$86JUL05X	CDP Pacific	-----	--*--	-----	***--	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	-

Table 2.1 (continued)

	Experiment name	Experiment type	ACDDD LHSSS GLSSS OB146 PO555 AL RT KN	EFGGH FDIOA L-LLR SVCDT BLRVR EBEEA RAENO G KU	HHHHK AAORA TYBAS CSASH RTR I EATOM EC283 KK654	KKKLM AAWAA SUA-R HAJVC IIALU M LBS A 2A 6	MMMMN AAEOO RTDJB PEIAE ORCVY IAIE N N16 T A2M	NNNOO ORRNV TAASR OOOAO 8L 15A1 4 63 0300	PRRSS IIOAE ECBNS THLTH OMEIA WODAN NN312 D225	SSUWW EHSEE SAUST TNDTT GAFZ H60E A4RL I DL	ABBBB UELLR SRKOE TMBOS IUUMT NDTI TATN X ED	CCDEF AAELL RRAYA NRD G UOM S SLA T TGN A YAL F	FFFGG OOTOR RRDRA TT FS 077S OR91E RD00 DS02	HHJKL AOPOE LHLDO EE IN ANMAR KFVKD AR1 O LG K	MMMMM ACEII MDTLY M SEA O7HSZ T8OMA H5VOK LOINI	MMMNO IOOOC ZJNMO U ET S7P I G2E L S8A L I8K O	OPPPP VBEIL RLNNA OTFT 7SILT 8SCAV 5OTTI 3MNSL	PPPQS RTVUA E EIN SRRNP IEDCA DYEYU IES L OS A	SSSST EINOI ANDUT TTPRI TOODJ LTIOI EUNGM 1 THA	TTTVV RRSEI OYURC MSKNT SIUAO OLBLR NNA I OO A	VWYYY NHAEL DTKLO NHALW BOTO7 ERAW2 RSGK9 GEAN6	Y U M A
517	$86JUL07XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
518	$86JUL12X	CDP Pacific	-----	--*--	-----	***--	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	-
519	$86JUL12XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
520	$86JUL16X	CDP Research	-----	-----	-*-*-	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
521	$86JUL17XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
522	$86JUL22X	Alaska	-----	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	---*-	-----	---*-	-----	-----	-----	-----	*----	-
523	$86JUL22XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
524	$86JUL24X	Alaska	-----	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	---*-	-----	---*-	-----	-----	-----	-----	*----	-
525	$86JUL26X	CDP Pacific	-----	--*--	-----	***--	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	-
526	$86JUL27XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
527	$86JUL31X	Alaska	-----	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	---*-	-----	-----	--*--	-----	*----	-
528	$86AUG01XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
529	$86AUG02X	CDP Pacific	-----	--*--	-----	***--	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	-
530	$86AUG06XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
531	$86AUG11X	Alaska	-----	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	---*-	-----	*-*--	-
532	$86AUG11XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
533	$86AUG13X	Alaska	-----	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	---*-	-----	*-*--	-
534	$86AUG14X	CDP Research	-----	-----	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
535	$86AUG16XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
536	$86AUG18X	Alaska	-----	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	---*-	-----	**---	-
537	$86AUG20X	Alaska	-----	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	---*-	-----	**---	-
538	$86AUG21XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
539	$86AUG25X	CDP Atlantic	-----	-----	-----	-----	-----	---*-	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
540	$86AUG26XI	IRIS-A	-----	-----	---*-	-----	-----	---*-	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
541	$86AUG27X*	NGS NCMN	-----	-----	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	*----	-----	-----	-
542	$86AUG31XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
543	$86SEP05X	CDP Pacific	-----	--*--	-----	**---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
544	$86SEP05XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
545	$86SEP10XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
546	$86SEP15XI	IRIS-A	-----	-----	---*-	-----	-----	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
547	$86SEP16X	CDP Atlantic	-----	-----	-*---	-----	-----	---*-	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
548	$86SEP17X	CDP Research	-----	-----	-*-*-	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
549	$86SEP20XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
550	$86SEP25XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
551	$86SEP30XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
552	$86OCT05XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
553	$86OCT09X	CDP Research	-----	-----	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
554	$86OCT10XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
555	$86OCT15XI	IRIS-A	-----	-----	---*-	-----	-----	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
556	$86OCT16X	CDP Atlantic	-----	-----	---*-	-----	---*-	---**	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-

Table 2.1 (continued)

	Experiment name	Experiment type	ACDDD LHSSS GLSSS OB146 PO555 AL RT KN	EFGGH FDIOA L-LLR SVCDT BLRVR EBEEA RAENO G KU	HHHHK AAORA TYBAS CSASH RTR I EATOM EC283 KK654	KKKLM AAWAA SUA-R HAJVC IIALU M LBS A 2A 6	MMMMN AAEOO RTDJB PEIAE ORCVY IAIE N N16 T A2M	NNNOO ORRNV TAASR OOOAO 8L 15A1 4 63 0300	PRRSS IIOAE ECBNS THLTH OMEIA WODAN NN312 D225	SSUWW EHSEE SAUST TNDTT GAFZ H6OE A4RL I DL	ABBBB UELLR SRKOE TMBOS IUUMT NDTI TATN X ED	CCDEF AAELL RRAYA NRD G UOM S SLA T TGN A YAL F	FFFGG OOTOR RRDRA TT FS 077S OR91E RD00 DS02	HHJKL AOPOE LHLDO EE IN ANMAR KFVKD AR1 O LG K	MMMMM ACEII MDTLY M SEA O7HSZ T8OMA H5VOK LOINI	MMMNO IOOOC ZJNMO U ET S7P I G2E L S8A L I8K O	OPPPP VBEIL RLNNA OTFT 7SILT 8SCAV 5OTTI 3MNSL	PPPQS RTVUA E EIN SRRNP IEDCA DYEYU IES L OS A	SSSST EINOI ANDUT TTPRI TOODJ LTIOI EUNGM 1 THA	TTTVV RRSEI OYURC MSKNT SIUAO OLBLR NNA I OO A	VWYYY NHAEL DTKLO NHALW BOTO7 ERAW2 RSGK9 GEAN6	Y U M A
557	$86OCT18X	Local Survey	-----	-----	*----	-----	---*-	----*	-----	-----	-----	-----	-----	-----	-----	--*--	-----	---*-	-----	-----	-----	-
558	$86OCT19X	California	-----	-----	*--*-	-----	---*-	----*	-----	-----	-----	-----	-----	-----	-----	--*--	-----	---*-	-----	-----	*----	-
559	$86OCT20DX	Japan GSI	-----	-----	-----	*----	-----	-----	-----	-----	-----	-----	-----	-----	----*	-----	-----	-----	-----	-----	-----	-
560	$86OCT20XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
561	$86OCT22X	California	-----	-----	-----	-----	---*-	----*	-----	-----	-----	-----	-----	--*--	*----	-----	-----	-----	-----	-----	*----	-
562	$86OCT23X	CDP Pacific	-----	--*--	*----	**---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	-
563	$86OCT25XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
564	$86OCT26X	California	-----	-----	---*-	-----	---*-	----*	-----	-----	--*--	-----	-----	-----	-----	--*--	-----	-----	-----	-----	*----	-
565	$86OCT28X	CDP Research	-----	-----	*----	-----	---*-	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
566	$86OCT29X	California	-----	-----	*--*-	-----	---*-	----*	-----	-----	-----	-----	-----	-----	-----	--*--	-----	-----	-----	-----	*----	*
567	$86OCT30XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
568	$86OCT31X	N. Am. Plate	-----	--*--	*--*-	-----	---*-	----*	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
569	$86NOV01X	California	-----	-----	---*-	-----	---*-	----*	-----	-----	-----	-----	-----	-----	-----	-----	---*-	-----	-----	-----	*----	*
570	$86NOV03X	CDP Atlantic	-----	-----	-----	-----	-----	---*-	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
571	$86NOV04X	California	-----	-----	-----	-----	---*-	----*	-----	-----	-----	-----	-----	--*--	-----	-----	---*-	-----	-----	-----	*----	-
572	$86NOV04XI	IRIS-A	-----	-----	---*-	-----	-----	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
573	$86NOV05X	CDP Polar	-----	--*--	-----	*----	---*-	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
574	$86NOV07X	CDP Pacific	-----	--*--	-----	**---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
575	$86NOV09XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
576	$86NOV12X	CDP Research	-----	-----	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
577	$86NOV14XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
578	$86NOV19XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
579	$86NOV24XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
580	$86NOV29XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
581	$86DEC04XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
582	$86DEC05X	CDP Pacific	-----	--*--	-----	**---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
583	$86DEC08X	CDP Atlantic	-----	-----	-----	-----	-----	---*-	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
584	$86DEC09XI	IRIS-A	-----	-----	---*-	-----	-----	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
585	$86DEC10X	California	-----	-----	*--*-	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-----	-----	-----	-----	*----	*
586	$86DEC13X	California	-----	-----	---*-	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	---*-	-----	-----	-----	*----	*
587	$86DEC14XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
588	$86DEC16X	California	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	--*--	-----	-----	---*-	-----	-----	-----	*----	-
589	$86DEC17X	CDP Research	-----	-----	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
590	$86DEC19XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
591	$86DEC23XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
592	$86DEC29XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
593	$87JAN03XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
594	$87JAN08XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
595	$87JAN13XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
596	$87JAN14X	CDP ATD	-----	--*--	---*-	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-

Table 2.1 (continued)

	Experiment name	Experiment type	ACDDD LHSSS GLSSS O8146 PO555 AL RT KN	EFGGH FDIOA L-LLR SVCDT BLRVR EBEEA RAENO G KU	HHHHK AAORA TYBAS CSASH RTR I EATOM EC283 KK654	KKKLM AAWAA SUA-R HAJVC IIALU M LBS A 2A 6	MMMMN AAEOO RTDJB PEIAE ORCVY IAIE N N16 T A2M	NNNOO ORRNV TAASR OOOAO 8L 15A1 4 63 0300	PRRSS IIOAE ECBNS THLTH OMEIA WODAN NN312 D225	SSUWW EHSEE SAUST TNDTT GAFZ H6OE A4RL I DL	ABBBB UELLR SRKOE TMBOS IUUMT NDTI TATN X ED	CCDEF AAELL RRAYA NRD G UOM S SLA T TGN A YAL F	FFFGG OOTOR RRDRA TT FS O77S OR91E RDOO DS02	HHJKL AOPOE LHLDO EE IN ANMAR KFVKD AR1 O LG K	MMMMM ACEII MDTLY M SEA O7HSZ T8OMA H5VOK LOINI	MMMNO IOOOC ZJNMO U ET S7P I G2E L S8A L I8K O	OPPPP VBEIL RLNNA OTFT 7SILT 8SCAV 5OTTI 3MNSL	PPPQS RTVUA E EIN SRRNP IEDCA DYEYU IES L OS A	SSSST EINOI ANDUT TTPRI TOODJ LTIOI EUNGM 1 THA	TTTVV RRSEI OYURC MSKNT SIUAO OLBLR NNA I OO A	VWYYY NHAEL DTKLO NHALW BOTO7 ERAW2 RSGK9 GEAN6	Y U M A
597	$87JAN18XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
598	$87JAN19XH	IRIS-South	-----	----*	-----	-----	-----	---*-	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
599	$87JAN20X	CDP Pacific	-----	--*--	-----	**---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
600	$87JAN23XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
601	$87JAN28X	California	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-*---	-----	-----	-----	*----	-
602	$87JAN28XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
603	$87JAN29XH	IRIS-South	-----	----*	-----	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
604	$87JAN31X	California	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	---*-	-----	-----	-----	*----	-
605	$87FEB02XI	IRIS-A	-----	-----	-----	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
606	$87FEB03X	California	-----	-----	*----	-----	---*-	-----	-----	-----	--*--	-----	-----	-----	-----	-----	-----	-*---	-----	-----	*----	-
607	$87FEB03XA	CDP Atlantic	-----	-----	-----	-----	-----	---*-	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
608	$87FEB04XH	IRIS-South	-----	----*	-----	-----	-----	---*-	-*---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
609	$87FEB06X	California	-----	-----	*--*-	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	-----	-----	*----	*
610	$87FEB07XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
611	$87FEB08XH	IRIS-South	-----	----*	-----	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
612	$87FEB09X	California	-----	-----	*--*-	-----	---*-	-----	-----	-----	-----	-----	*----	-----	-----	--*--	-----	-----	-----	-----	*----	-
613	$87FEB12XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
614	$87FEB17X	CDP Pacific	-----	--*--	-----	**---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
615	$87FEB17XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
616	$87FEB18XH	IRIS-South	-----	----*	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
617	$87FEB22XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
618	$87FEB23DX	Japan GSI	-----	-----	-----	*----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-----	-
619	$87FEB23XH	IRIS-South	-----	----*	-----	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
620	$87FEB24X	CDP ATD	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
621	$87FEB27XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
622	$87MAR04XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
623	$87MAR09XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
624	$87MAR14XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
625	$87MAR19XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
626	$87MAR22X	California	-----	-----	*--*-	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-----	-----	-----	-----	*----	*
627	$87MAR24X	CDP Pacific	-----	--*--	*----	**---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	-
628	$87MAR24XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
629	$87MAR25X	California	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	---*-	--*--	-----	*----	-
630	$87MAR25XA	CDP Atlantic	-----	-----	-----	-----	-----	---*-	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
631	$87MAR26X	CDP ATD	-----	--*--	---*-	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
632	$87MAR28X	California	-----	-----	-----	-----	---*-	-----	-----	-----	-----	--*--	-----	-----	-----	-----	-----	-----	----*	-----	*----	-
633	$87MAR29XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
634	$87APR03XI	IRIS-A	-----	-----	---*-	-----	--*--	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
635	$87APR08XI	IRIS-A	-----	-----	---*-	-----	-----	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
636	$87APR09X	CDP Atlantic	-----	-----	---*-	-----	---*-	---*-	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-

Table 2.1 (continued)

	Experiment name	Experiment type	ACDDD LHSSS GLSSS OB146 PO555 AL RT KN	EFGGH FDIOA L-LLR SVCDT BLRVR EBEEA RAENO G KU	HHHHK AAORA TYBAS CSASH RTR I EATOM EC283 KK654	KKKLM AAWAA SUA-R HAJVC IIALU M LBS A 2A 6	MMMMN AAEOO RTDJB PEIAE ORCVY IAIE N N16 T A2M	NNNOO ORRNV TAASR OOOAO 8L 15A1 4 63 0300	PRRSS IIOAE ECBNS THLTH OMEIA WODAN NN312 D225	SSUWW EHSEE SAUST TNDTT GAFZ H6OE A4RL I DL	ABBBB UELLR SRKOE TMBOS IUUMT NDTI TATN X ED	CCDEF AAELL RRAYA NRD G UOM S SLA T TGN A YAL F	FFFGG OOTOR RRDRA TT FS 077S OR91E RD00 DS02	HHJKL AOPOE LHLDO EE IN ANMAR KFVKD AR1 O LG K	MMMMM ACEII MDTLY M SEA O7HSZ T8OMA H5VOK L0INI	MMMNO IOOOC ZJNMO U ET S7P I G2E L S8A L I8K O	OPPPP VBEIL RLNNA OTFT 7SILT 8SCAV 5OTTI 3MNSL	PPPQS RTVUA E EIN SRRNP IEDCA DYEYU IES L OS A	SSSST EINOI ANDUT TTPRI TOODJ LTIOI EUNGM 1 THA	TTTVV RRSEI OYURC MSKNT SIUAO OLBLR NNA I OO A	VWYYY NHAEL DTKLO NHALW BOTO7 ERAW2 RSGK9 GEAN6	Y U M A
637	$87APR13XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
638	$87APR14X	CDP ATD	-----	--*--	---*-	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
639	$87APR18XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
640	$87APR21X	CDP Pacific	-----	--*--	-----	**---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
641	$87APR23XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
642	$87APR28XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
643	$87APR29XP	IRIS-Pacific	-----	--*--	---*-	*----	-----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
644	$87MAY01X	N. Am. Plate	-----	--*--	*--*-	-----	---*-	----*	-----	---*-	-----	-----	-----	-----	-----	-----	----*	-----	-----	-----	-----	-
645	$87MAY02X	N. Am. Plate	-----	--*--	*--*-	-----	---*-	----*	-----	---*-	-----	-----	-----	-----	-----	-----	----*	-----	-----	-----	-----	-
646	$87MAY03XI	IRIS-A	-----	-----	---*-	-----	--*--	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
647	$87MAY04X	CDP Atlantic	-----	-----	---*-	-----	---*-	---*-	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
648	$87MAY06X	Western US	-----	-----	*--*-	-----	---*-	-----	-----	-----	-----	----*	-----	-----	-----	-----	-----	-----	-----	---*-	-----	-
649	$87MAY07X	CDP Pacific	-----	--*--	-----	**---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
650	$87MAY08XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
651	$87MAY10X	Western US	-----	-----	*--*-	-----	---*-	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	*----	*
652	$87MAY13XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
653	$87MAY14X	California	-----	-----	---*-	-----	---*-	----*	-----	-----	-----	-----	-----	-----	-----	--*--	-----	---*-	-----	-----	*----	-
654	$87MAY17X	California	-----	-----	*----	-----	---*-	-----	-----	-----	--*--	-----	-----	-----	-----	-----	-----	*----	-----	-----	*----	-
655	$87MAY18XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
656	$87MAY21X	California	-----	-----	*----	-----	---*-	-----	-----	-----	-----	-----	*----	-----	-----	-----	-----	-*---	-----	-----	*----	-
657	$87MAY23XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
658	$87MAY24X	CDP ATD	-----	--*--	---*-	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
659	$87MAY28XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
660	$87MAY29XP	IRIS-Pacific	-----	--*--	---*-	*----	-----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
661	$87JUN02XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
662	$87JUN06XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
663	$87JUN09X	CDP Pacific	-----	--*--	-----	**---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
664	$87JUN12XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
665	$87JUN17XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
666	$87JUN18X	CDP ATD	-----	--*--	---*-	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
667	$87JUN22XI	IRIS-A	-----	-----	---*-	-----	-----	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
668	$87JUN23X	CDP Atlantic	-----	-----	-----	-----	-----	---*-	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
669	$87JUN24X	CDP Polar	-----	--*--	-----	*----	---*-	---*-	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
670	$87JUN27XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
671	$87JUN28XP	IRIS-Pacific	-----	--*--	---*-	*----	-----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
672	$87JUL02XI	IRIS-A	-----	-----	-----	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
673	$87JUL07XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
674	$87JUL08X	CDP ATD	-----	--*--	---*-	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
675	$87JUL11X*	NGS NCMN	-----	-----	---*-	-----	-----	-----	-*---	---*-	*----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
676	$87JUL12XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-

Table 2.1 (continued)

	Experiment name	Experiment type	ACDDD LHSSS GLSSS OB146 P0555 AL RT KN	EFGGH FDIOA L-LLR SVCDT BLRVR EBEEA RAENO G KU	HHHHK AAORA TYBAS CSASH RTR I EATOM EC283 KK654	KKKLM AAWAA SUA-R HAJVC IIALU M LBS A 2A 6	MMMMN AAEOO RTDJB PEIAE ORCVY IAIE N N16 T A2M	NNNOO ORRNV TAASR OOOAO 8L 15A1 4 63 0300	PRRSS IIOAE ECBNS THLTH OMEIA WODAN NN312 D225	SSUWW EHSEE SAUST TNDTT GAFZ H6OE A4RL I DL	ABBBB UELLR SRKOE TMBOS IUUMT NDTI TATN X ED	CCDEF AAELL RRAYA NRD G UOM S SLA T TGN A YAL F	FFFGG OOTOR RRDRA TT FS 077S OR91E RD00 DS02	HHJKL AOPOE LHLDO EE IN ANMAR KFVKD AR1 O LG K	MMMMM ACEII MDTLY M SEA O7HSZ T8OMA H5VOK LOINI	MMMNO IOOOC ZJNMO U ET S7P I G2E L S8A L I8K O	OPPPP VBEIL RLNNA OTFT 7SILT 8SCAV 5OTTI 3MNSL	PPPQS RTVUA E EIN SRRNP IEDCA DYEYU IES L OS A	SSSST EINOI ANDUT TTPRI TOODJ LTIOI EUNGM 1 THA	TTTVV RRSEI OYURC MSKNT SIUAO OLBLR NNA I OO A	VWYYY NHAEL DTKLO NHALW BOTO7 ERAW2 RSGK9 GEAN6	Y U M A
677	$87JUL15X	Alaska	-----	--*--	*----	-----	---*-	-----	-----	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-
678	$87JUL17X	Alaska	-----	--*--	*----	-----	---*-	-----	-----	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-
679	$87JUL17XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
680	$87JUL18X	CDP Pacific	-----	--*--	*----	**---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	-
681	$87JUL18X*	NGS NCMN	-----	-----	---*-	-----	-----	-----	-*---	---*-	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
682	$87JUL21XP	IRIS-Pacific	-----	--*--	---*-	*----	-----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
683	$87JUL22XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
684	$87JUL23X	CDP Pacific	-----	--*--	*----	**---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	-
685	$87JUL25X	Alaska	-----	--*--	*----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-----	-----	-
686	$87JUL27XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
687	$87AUG01X	CDP Pacific	-----	--*--	*----	**---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	-
688	$87AUG01XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
689	$87AUG02X*	NGS NCMN	-----	-----	-----	-----	-----	-----	-*---	---*-	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
690	$87AUG04X*	NGS NCMN	-----	-----	-----	-----	*----	-----	-*---	---*-	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
691	$87AUG05X*	NGS NCMN	-----	-----	-----	-----	*----	-----	-*---	---*-	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
692	$87AUG06XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
693	$87AUG07X	Alaska	-----	--*--	*----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-
694	$87AUG08X*	NGS NCMN	-----	-----	-----	-----	*----	-----	-*---	---*-	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
695	$87AUG09X	CDP Pacific	-----	--*--	*----	**---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	-
696	$87AUG11XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
697	$87AUG13X	Alaska	-----	--*--	*----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-
698	$87AUG14X	Alaska	-----	--*--	*----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-
699	$87AUG16XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
700	$87AUG19X*	NGS NCMN	-----	-----	---*-	-----	-----	-----	-----	---*-	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
701	$87AUG20X	Alaska	-----	--*--	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	---*-	-----	-----	-
702	$87AUG21X	Alaska	-----	--*--	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	---*-	-----	-----	-
703	$87AUG21XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
704	$87AUG22X	CDP ATD	-----	--*--	---*-	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
705	$87AUG24X*	NGS NCMN	-----	-----	---*-	-----	-----	-----	-*---	---*-	-----	-----	-----	----*	-----	-----	-----	-----	-----	-----	-----	-
706	$87AUG25X	CDP Atlantic	-----	-----	-----	-----	-----	---*-	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
707	$87AUG26XI	IRIS-A	-----	-----	---*-	-----	-----	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
708	$87AUG27XP	IRIS-Pacific	-----	--*--	---*-	*----	-----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
709	$87AUG31XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
710	$87SEP05XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
711	$87SEP10XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
712	$87SEP11X	CDP ATD	-----	--*--	---*-	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
713	$87SEP15XI	IRIS-A	-----	-----	---*-	-----	-----	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
714	$87SEP16X	CDP Atlantic	-----	-----	-----	-----	-----	---*-	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
715	$87SEP20XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
716	$87SEP23X	CDP Pacific	-----	--*--	-----	**---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-

Table 2.1 (continued)

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                            |ACDDD|EFGGH|HHHHK|KKKLM|MMMMN|NNNOO|PRRSS|SSUWW||ABBBB|CCDEF|FFFGG|HHJKL|MMMMM|MMMNO|OPPPP|PPPQS|SSSST|TTTVV|VWYYY|Y   |
                            |LHSSS|FDIOA|AAORA|AAWAA|AAEOO|ORRNV|IIOAE|EHSEE||UELLR|AAELL|OOTOR|AOPOE|ACEII|IOOOC|VBEIL|RTVUA|EINOI|RRSEI|NHAEL|U   |
                            |GLSSS|L-LLR|TYBAS|SUA-R|RTDJB|TAASR|ECBNS|SAUST||SRKOE|RRAYA|RRDRA|LHLDO|MDTLY|ZJNMO|RLNNA|E EIN|ANDUT|OYURC|DTKLO|M   |
                            |OB146|SVCDT|CSASH|HAJVC|PEIAE|OOOAO|THLTH|TNDTT||TMBOS|NRD G|TT FS|EE IN|M SEA|U  ET| OTFT|SRRNP|TTPRI|MSKNT|NHALW|A   |
                            |PO555|BLRVR|RTR I|IIALU|ORCVY|  8L |OMEIA| GAFZ||IUUMT|UOM S| 077S|ANMAR|O7HSZ|S7P I|7SILT|IEDCA|TOODJ|SIUAO|BOTO7|    |
 Experiment Experiment      |AL   |EBEEA|EATOM|M LBS|IAIE | 15A1|WODAN| H6OE||NDTI |SLA T|OR91E|KFVKD|T8OMA|G2E L|8SCAV|DYEYU|LTIOI|OLBLR|ERAW2|    |
    name       type         |RT   |RAENO|EC283|A 2A |N N16| 4 63|NN312| A4RL||TATN |TGN A|RD00 |AR1 O|H5VOK|S8A L|5OTTI|IES L|EUNGM|NNA I|RSGK9|    |
                            |KN   |G KU |KK654|  6  |T A2M| 0300| D225| I DL||X ED |YAL F|DS02 |LG  K|LOINI|I8K O|3MNSL|OS  A|1 THA|OO  A|GEAN6|    |

717 $87SEP25XI IRIS-A       |-----|-----|---*-|-----|-----|-----|-*---|---**||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-   |
718 $87SEP26XP IRIS-Pacific |-----|--*--|---*-|*----|-----|-----|-*---|-----||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-   |
719 $87SEP30XI IRIS-A       |-----|-----|---*-|-----|-----|-----|-----|---**||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-   |
720 $87OCT05XI IRIS-A       |-----|-----|---*-|-----|-----|-----|-----|---**||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-   |
721 $87OCT10XI IRIS-A       |-----|-----|---*-|-----|-----|-----|-*---|---**||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-   |
722 $87OCT15X  California   |-----|-----|-----|-----|---*-|----*|-----|-----||-----|-----|-----|-----|-----|-----|-*---|-----|-----|-----|*----|-   |
723 $87OCT15XI IRIS-A       |-----|-----|---*-|-----|-----|---*-|-*---|---**||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-   |
724 $87OCT16X  CDP Atlantic |-----|-----|---*-|-----|---*-|---**|-----|---**||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-   |
725 $87OCT18X  California   |-----|-----|*--*-|-----|---*-|----*|-----|-----||-----|-----|*----|--*--|-----|-----|-----|-----|-----|-----|*----|-   |
726 $87OCT19X  CDP Pacific  |-----|--*--|*----|**---|---*-|-----|-----|-----||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|*----|-   |
727 $87OCT20XI IRIS-A       |-----|-----|---*-|-----|-----|-----|-*---|---**||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-   |
728 $87OCT21X  California   |-----|-----|*----|-----|---*-|----*|-----|-----||--*--|-----|-----|-----|-----|-----|-----|*----|-----|-----|*----|-   |
729 $87OCT21XP IRIS-Pacific |-----|--*--|---*-|*----|-----|-----|-*---|-----||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-   |
730 $87OCT22X  CDP ATD      |-----|--*--|---*-|-----|---*-|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-   |
731 $87OCT24X  California   |-----|-----|*----|-----|---*-|----*|-----|-----||-----|-----|-----|-----|-----|-----|-----|-*---|-----|-----|*----|*   |
732 $87OCT25XI IRIS-A       |-----|-----|---*-|-----|-----|-----|-*---|---**||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-   |
733 $87OCT27X  Local Survey |-----|-----|*----|-----|---*-|----*|-----|-----||-----|-----|-----|-----|-----|-----|-----|---*-|-----|-----|-----|-   |
734 $87OCT28X  California   |-----|-----|---*-|-----|---*-|----*|-----|-----||-----|-----|-----|-----|-----|--*--|-----|---*-|-----|-----|*----|-   |
735 $87OCT30XI IRIS-A       |-----|-----|---*-|-----|-----|-----|-*---|---**||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-   |
736 $87OCT31X  N. Am. Plate |-----|--*--|---*-|-----|---*-|----*|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-   |
737 $87NOV01X  Local Survey |--*--|---*-|-----|-----|---*-|----*|-----|-----||-----|-----|-----|-----|-----|-*---|*----|-----|-----|-----|-----|-   |
738 $87NOV03X  CDP Atlantic |-----|-----|-----|-----|-----|---*-|-----|---**||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-   |
739 $87NOV04XI IRIS-A       |-----|-----|---*-|-----|-----|---*-|-*---|---**||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-   |
740 $87NOV05X  CDP Polar    |-----|--*--|-----|*----|-----|---*-|-----|---**||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-   |
741 $87NOV09XI IRIS-A       |-----|-----|---*-|-----|-----|-----|-*---|---**||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-   |
742 $87NOV10X  CDP ATD      |-----|--*--|-----|-----|---*-|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-   |
743 $87NOV14XI IRIS-A       |-----|-----|---*-|-----|-----|-----|-*---|---**||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-   |
744 $87NOV18DX Japan GSI    |-----|-----|-----|*----|-----|-----|-----|-----||-----|-----|-----|-----|-----|-----|-----|-----|----*|-----|-----|-   |
745 $87NOV19XI IRIS-A       |-----|-----|---*-|-----|-----|-----|-*---|---**||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-   |
746 $87NOV23X  CDP Pacific  |-----|--*--|-----|**---|-----|-----|-----|-----||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-   |
747 $87NOV24XI IRIS-A       |-----|-----|---*-|-----|-----|-----|-----|---**||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-   |
748 $87NOV25DX Japan GSI    |-----|-----|-----|*----|-----|-----|-----|-----||-----|-----|-----|-----|-----|-----|-----|-----|----*|-----|-----|-   |
749 $87NOV29XI IRIS-A       |-----|-----|---*-|-----|-----|-----|-*---|---**||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-   |
750 $87NOV30XP IRIS-Pacific |-----|--*--|---*-|*----|-----|-----|-*---|-----||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-   |
751 $87DEC04XI IRIS-A       |-----|-----|---*-|-----|-----|-----|-*---|---**||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-   |
752 $87DEC05X  California   |-----|-----|---*-|-----|---*-|-----|-----|-----||-----|-----|-----|-----|-----|--*--|-----|-----|-----|-----|-----|*   |
753 $87DEC07X  CDP Pacific  |-----|--*--|-----|**---|-----|-----|-----|-----||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-   |
754 $87DEC08X  California   |-----|-----|-----|-----|---*-|-----|-----|-----||-----|-----|-----|-----|-----|-----|---*-|--*--|-----|-----|*----|-   |
755 $87DEC08XA CDP Atlantic |-----|-----|-----|-----|--*--|---*-|-----|---**||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-   |
756 $87DEC09XI IRIS-A       |-----|-----|---*-|-----|--*--|---*-|-*---|---**||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-   |
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Table 2.1 (continued)

	Experiment name	Experiment type	ACDDD LHSSS GLSSS OB146 PO555 AL RT KN	EFGGH FDIOA L-LLR SVCDT BLRVR EBEEA RAENO G KU	HHHHK AAORA TYBAS CSASH RTR I EATOM EC283 KK654	KKKLM AAWAA SUA-R HAJVC IIALU M LBS A 2A 6	MMMMN AAEOO RTDJB PEIAE ORCVY IAIE N N16 T A2M	NNNOO ORRNV TAASR OOOAO 8L 15A1 4 63 0300	PRRSS IIOAE ECBNS THLTH OMEIA WODAN NN312 D225	SSUWW EHSEE SAUST TNDTT GAFZ H6OE A4RL I DL	ABBBB UELLR SRKOE TMBOS IUUMT NDTI TATN X ED	CCDEF AAELL RRAYA NRD G UOM S SLA T TGN A YAL F	FFFGG OOTOR RRDRA TT FS 077S OR91E RD00 DS02	HHJKL AOPOE LHLDO EE IN ANMAR KFVKD AR1 O LG K	MMMMM ACEII MDTLY M SEA 07HSZ T8OMA H5VOK LOINI	MMMNO IOOOC ZJNMO U ET S7P I G2E L S8A L I8K O	OPPPP VBEIL RLNNA OTFT 7SILT 8SCAV 5OTTI 3MNSL	PPPQS RTVUA E EIN SRRNP IEDCA DYEYU IES L OS A	SSSST EINOI ANDUT TTPRI TOODJ LTIOI EUNGM 1 THA	TTTVV RRSEI OYURC MSKNT SIUAO OLBLR NNA I OO A	VWYYY NHAEL DTKLO NHALW BOTO7 ERAW2 RSGK9 GEAN6	Y U M A
757	$87DEC11X	California	-----	-----	-----	-----	---*-	-----	-----	-----	-----	--*--	-----	-----	-----	-----	-----	----*	-----	-----	*----	-
758	$87DEC14X	California	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	--*--	-----	-----	-*---	-----	-----	-----	*----	-
759	$87DEC14XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
760	$87DEC15X	CDP ATD	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
761	$87DEC18XH	IRIS-South	-----	----*	-----	-----	--*--	-----	-*---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
762	$87DEC19XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
763	$87DEC20XP	IRIS-Pacific	-----	--*--	---*-	*----	-----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
764	$87DEC21XH	IRIS-South	-----	----*	-----	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
765	$87DEC23XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
766	$87DEC29XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
767	$88JAN03XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
768	$88JAN07XH	IRIS-South	-----	----*	-----	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
769	$88JAN08XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
770	$88JAN12XH	IRIS-South	-----	----*	-----	-----	-----	---*-	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
771	$88JAN13XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
772	$88JAN16X	CDP Pacific	-----	--*--	-----	**---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	-
773	$88JAN17XH	IRIS-South	-----	----*	-----	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
774	$88JAN18XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
775	$88JAN19XP	IRIS-Pacific	-----	--*--	---*-	*----	-----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
776	$88JAN22XH	IRIS-South	-----	----*	-----	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
777	$88JAN23XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
778	$88JAN27X	CDP ATD	-----	--*--	---*-	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
779	$88JAN28XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
780	$88FEB02X	California	-----	-----	-----	-----	---*-	-----	-----	-----	-----	--*--	-----	--*--	-----	-----	-----	-----	-----	-----	*----	-
781	$88FEB02XI	IRIS-A	-----	-----	---*-	-----	-----	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
782	$88FEB03X	CDP Atlantic	-----	-----	---*-	-----	---*-	---*-	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
783	$88FEB05X	California	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	---*-	--*--	-----	-----	*----	-
784	$88FEB07XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
785	$88FEB08X	California	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-*---	----*	-----	-----	*----	-
786	$88FEB09DX	Japan GSI	-----	-----	-----	*----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-----	-
787	$88FEB10XO	USNO Test	-----	--*--	-----	-----	*----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
788	$88FEB11X	N. Am. Plate	-----	--*--	---*-	-----	---*-	----*	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
789	$88FEB12XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
790	$88FEB13X	California	-----	--*--	*----	-----	---*-	-----	-----	-----	-----	-----	*----	-----	-----	-----	-----	-*---	-----	-----	*----	-
791	$88FEB14X	California	-----	--*--	*----	-----	---*-	-----	-----	-----	-----	-----	*----	-----	-----	-----	-----	-*---	-----	-----	*----	-
792	$88FEB17X	California	-----	--*--	*----	-----	---*-	-----	-----	-----	-----	-----	*----	-----	-----	-----	-----	*----	-----	-----	*----	-
793	$88FEB17XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
794	$88FEB18X	California	-----	--*--	*----	-----	---*-	-----	-----	-----	-----	-----	*----	-----	-----	-----	-----	*----	-----	-----	*----	-
795	$88FEB20X	CDP Pacific	-----	--*--	*----	**---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	-
796	$88FEB22XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-

Table 2.1 (continued)

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                              |ACDDD|EFGGH|HHHHK|KKKLM|MMMMN|NNNOO|PRRSS|SSUWW||ABBBB|CCDEF|FFFGG|HHJKL|MMMMM|MMMNO|OPPPP|PPPQS|SSSST|TTTVV|VWYYY|Y
                              |LHSSS|FDIOA|AAORA|AAWAA|AAEOO|ORRNV|IIOAE|EHSEE||UELLR|AAELL|OOTOR|AOPOE|ACEII|IOOOC|VBEIL|RTVUA|EINOI|RRSEI|NHAEL|U
                              |GLSSS|L-LLR|TYBAS|SUA-R|RTDJB|TAASR|ECBNS|SAUST||SRKOE|RRAYA|RRDRA|LHLDO|MDTLY|ZJNMO|RLNNA|E EIN|ANDUT|OYURC|DTKLO|M
                              |OB146|SVCDT|CSASH|HAJVC|PEIAE|OOOAO|THLTH|TNDTT||TMBOS|NRD G|TT FS|EE IN|M SEA|U  ET| OTFT|SRRNP|TTPRI|MSKNT|NHALW|A
                              |PO555|BLRVR|RTR I|IIALU|ORCVY|  8L |OMEIA| GAFZ||IUUMT|UOM S| 077S|ANMAR|O7HSZ|S7P I|7SILT|IEDCA|TOODJ|SIUAO|BOTO7|
     Experiment Experiment    |AL   |EBEEA|EATOM|M LBS|IAIE | 15A1|WODAN| H6OE||NDTI |SLA T|OR91E|KFVKD|T8OMA|G2E L|8SCAV|DYEYU|LTIOI|OLBLR|ERAW2|
        name       type       |RT   |RAENO|EC283|A 2A |N N16| 4 63|NN312| A4RL||TATN |TGN A|RD00 |AR1 O|H5VOK|S8A L|5OTTI|IES L|EUNGM|NNA I|RSGK9|
                              |KN   |G KU |KK654|  6  |T A2M| 0300| D225| I DL||X ED |YAL F|DS02 |LG  K|LOINI|I8K O|3MNSL|OS  A|1 THA|OO  A|GEAN6|

797 $88FEB23XP IRIS-Pacific   |-----|--*--|---*-|*----|-----|-----|-*---|-----||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-
798 $88FEB25XO USNO Test      |-----|--*--|-----|-----|*----|-----|-*---|-----||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-
799 $88FEB27XI IRIS-A         |-----|-----|---*-|-----|-----|-----|-*---|---**||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-
800 $88MAR03XI IRIS-A         |-----|-----|---*-|-----|-----|-----|-*---|---**||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-
801 $88MAR08XI IRIS-A         |-----|-----|---*-|-----|-----|---*-|-*---|---**||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-
802 $88MAR09X  CDP Atlantic   |-----|-----|-----|-----|-----|---*-|-*---|---**||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-
803 $88MAR13XI IRIS-A         |-----|-----|---*-|-----|-----|-----|-*---|---**||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-
804 $88MAR14XP IRIS-Pacific   |-----|--*--|---*-|*----|-----|-----|-*---|-----||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-
805 $88MAR16XO USNO Test      |-----|--*--|-----|-----|*----|-----|-----|-----||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-
806 $88MAR17X  CDP ATD        |-----|--*--|---*-|-----|---*-|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-
807 $88MAR18XI IRIS-A         |-----|-----|---*-|-----|-----|-----|-*---|---**||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-
808 $88MAR23XI IRIS-A         |-----|-----|---*-|-----|-----|-----|-*---|---**||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-
809 $88MAR24XO USNO Test      |-----|--*--|-----|-----|*----|-----|-*---|-----||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-
810 $88MAR28XI IRIS-A         |-----|-----|---*-|-----|-----|-----|-*---|---**||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-
811 $88MAR31XO USNO Test      |-----|--*--|-----|-----|*----|-----|-----|-----||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-
812 $88APR02XI IRIS-A         |-----|-----|---*-|-----|-----|-----|-*---|---**||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-
813 $88APR05X  CDP Research   |-----|--*--|-----|-----|---*-|-----|-----|-----||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-
814 $88APR07XI IRIS-A         |-----|-----|---*-|-----|-----|-----|-----|---**||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-
815 $88APR09X  CDP Pacific    |-----|--*--|-----|**---|-----|-----|----*|-----||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-
816 $88APR12XI IRIS-A         |-----|-----|---*-|-----|-----|---*-|-*---|---**||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-
817 $88APR13X  CDP Atlantic   |-----|-----|---*-|-----|---*-|---*-|-----|---**||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-
818 $88APR15X* NGS NCMN       |-----|-----|---*-|-----|---*-|-----|-----|---*-||-----|-----|-----|-----|---*-|-----|-----|-----|-----|-----|-----|-
819 $88APR17XI IRIS-A         |-----|-----|---*-|-----|-----|-----|-*---|---**||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-
820 $88APR18XP IRIS-Pacific   |-----|--*--|---*-|*----|-----|-----|-*---|-----||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-
821 $88APR20X  N. Am. Plate   |-----|--*--|*--*-|-----|---*-|----*|-----|---*-||-----|-----|-----|-----|-----|-----|----*|-----|-----|-----|-----|-
822 $88APR21X  N. Am. Plate   |-----|--*--|*--*-|-----|---*-|----*|-----|---*-||-----|-----|-----|-----|-----|-----|----*|-----|-----|-----|-----|-
823 $88APR22XI IRIS-A         |-----|-----|---*-|-----|-----|-----|-*---|---**||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-
824 $88APR25X  Western US     |-----|-----|*--*-|-----|---*-|-----|-----|-----||-----|----*|-----|-----|-----|-----|-----|-----|-----|---*-|-----|-
825 $88APR27XI IRIS-A         |-----|-----|---*-|-----|-----|-----|-*---|---**||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-
826 $88APR29X  Western US     |-----|-----|*--*-|-----|---*-|-----|-----|-----||-----|---*-|-----|-----|-----|-----|-----|-----|-----|-----|*----|*
827 $88APR30X  Western US     |-----|-----|*--*-|-----|---*-|-----|-----|-----||-----|---*-|-----|-----|-----|-----|-----|-----|-----|-----|*----|*
828 $88MAY01X  CDP Research   |-----|--*--|*----|-*---|-----|-----|-----|-----||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-
829 $88MAY02XI IRIS-A         |-----|-----|---*-|-----|-----|---*-|-*---|---**||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-
830 $88MAY04X  California     |-----|-----|*--*-|-----|---*-|-----|-----|-----||-----|-----|-----|-----|-----|--*--|-----|---*-|-----|-----|*----|-
831 $88MAY05X  California     |-----|-----|*--*-|-----|---*-|-----|-----|-----||-----|-----|-----|-----|-----|--*--|-----|---*-|-----|-----|*----|-
832 $88MAY05XO USNO Test      |-----|--*--|-----|-----|-----|-----|-*---|-----||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-
833 $88MAY07XI IRIS-A         |-----|-----|---*-|-----|--*--|-----|-*---|---**||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-
834 $88MAY08X  California     |-----|-----|-----|-----|---*-|-----|-----|-----||-----|-----|-----|-----|-----|-----|---*-|-----|-----|-----|*----|-
835 $88MAY12XI IRIS-A         |-----|-----|---*-|-----|--*--|-----|-*---|---**||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-
836 $88MAY16X  CDP ATD        |-----|--*--|---*-|-----|---*-|-----|-----|---*-||-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-
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Table 2.1 (continued)

	Experiment name	Experiment type	ACDDD LHSSS GLSSS OB146 PO555 AL RT KN	EFGGH FDIOA L-LLR SVCDT BLRVR EBEEA RAENO G KU	HHHHK AAORA TYBAS CSASH RTR I EATOM EC283 KK654	KKKLM AAWAA SUA-R HAJVC IIALU M LBS A 2A 6	MMMMN AAEOO RTDJB PEIAE ORCVY IAIE N N16 T A2M	NNNOO ORRNV TAASR OOOAO 8L 15A1 4 63 0300	PRRSS IIOAE ECBNS THLTH OMEIA WODAN NN312 D225	SSUWW EHSEE SAUST TNDTT GAFZ H6OE A4RL I DL	ABBBB UELLR SRKOE TMBOS IUUMT NDTI TATN X ED	CCDEF AAELL RRAYA NRD G UOM S SLA T TGN A YAL F	FFFGG OOTOR RRDRA TT FS 077S OR91E RD00 DS02	HHJKL AOPOE LHLDO EE IN ANMAR KFVKD AR1 O LG K	MMMMM ACEII MDTLY M SEA 07HSZ T80MA H5VOK LOINI	MMMNO IOOOC ZJNMO U ET S7P I G2E L S8A L I8K O	OPPPP VBEIL RLNNA OTFT 7SILT 8SCAV 5OTTI 3MNSL	PPPQS RTVUA E EIN SRRNP IEDCA DYEYU IES L OS A	SSSST EINOI ANDUT TTPRI TOODJ LTIOI EUNGM 1 THA	TTTVV RRSEI OYURC MSKNT SIUAO OLBLR NNA I OO A	VWYYY NHAEL DTKLO NHALW BOTO7 ERAW2 RSGK9 GEAN6	Y U M A
837	$88MAY17XI	IRIS-A	-----	-----	---*-	-----	--*--	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
838	$88MAY18XP	IRIS-Pacific	-----	--*--	---*-	*----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
839	$88MAY21X	CDP Pacific	-----	--*--	-----	**---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
840	$88MAY22XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
841	$88MAY22XO	USNO Test	-----	--*--	-----	-*---	-----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
842	$88MAY23X	CDP Pacific	---*-	-----	-----	-*---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
843	$88MAY27XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
844	$88JUN01XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
845	$88JUN04X	CDP Pacific	-----	--*--	-----	-*---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	-
846	$88JUN05XO	USNO Test	-----	--*--	-----	-*---	*----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
847	$88JUN06XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
848	$88JUN11XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
849	$88JUN16XI	IRIS-A	-----	-----	---*-	-----	-----	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
850	$88JUN17X	CDP E. Atln.	-----	-----	-----	-----	--*--	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
851	$88JUN18X	CDP Polar	-----	--*--	-----	-----	---*-	---*-	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
852	$88JUN21XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
853	$88JUN22XP	IRIS-Pacific	-----	--*--	---*-	*----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
854	$88JUN25X	Local Survey	-----	--*--	-----	-*---	---*-	-----	-----	-----	-----	-----	-----	*----	-----	-----	-----	-----	-----	-----	-----	-
855	$88JUN26XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
856	$88JUL01X	Local Survey	-----	--*--	-----	-*---	---*-	-----	-----	-----	-----	-----	-----	*----	-----	-----	-----	-----	-----	-----	-----	-
857	$88JUL01XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
858	$88JUL03X	Alaska	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-
859	$88JUL04X	Alaska	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-
860	$88JUL05X	Alaska	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-
861	$88JUL06XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
862	$88JUL08X	CDP ATD	-----	--**-	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
863	$88JUL09X	CDP Pacific	-----	--*--	-----	-*---	---*-	-----	-----	-----	-----	-----	-----	*----	-----	-----	-----	-----	-----	-----	-----	-
864	$88JUL11X	Alaska	-----	--*--	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-----	-----	-
865	$88JUL11XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
866	$88JUL12X	Alaska	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-----	-----	-
867	$88JUL13X	Alaska	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-----	-----	-
868	$88JUL16X	CDP Pacific	---*-	--*--	-----	***--	-----	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
869	$88JUL16XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
870	$88JUL16XO	USNO Test	-----	--*--	-----	-*---	*----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
871	$88JUL21X	Alaska	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-
872	$88JUL21XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
873	$88JUL22X	Alaska	-----	--*--	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-
874	$88JUL23X	Alaska	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-
875	$88JUL24X	CDP Pacific	-----	--*--	-----	-**--	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	-
876	$88JUL25XP	IRIS-Pacific	-----	--*--	---*-	*----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-

Table 2.1 (continued)

			ACDDD	EFGGH	HHHHK	KKKLM	MMMMN	NNNOO	PRRSS	SSUWW	ABBBB	CCDEF	FFFGG	HHJKL	MMMMM	MMMNO	OPPPP	PPPQS	SSSST	TTTVV	VWYYY	Y
			LHSSS	FDIOA	AAORA	AAWAA	AAEOO	ORRNV	IIOAE	EHSEE	UELLR	AAELL	OOTOR	AOPOE	ACEII	IOOOC	VBEIL	RTVUA	EINOI	RRSEI	NHAEL	U
			GLSSS	L-LLR	TYBAS	SUA-R	RTDJB	TAASR	ECBNS	SAUST	SRKOE	RRAYA	RRDRA	LHLDO	MDTLY	ZJNMO	RLNNA	E EIN	ANDUT	OYURC	DTKLO	M
			OB146	SVCDT	CSASH	HAJVC	PEIAE	OOOAO	THLTH	TNDTT	TMBOS	NRD G	TT FS	EE IN	M SEA	U ET	OTFT	SRRNP	TTPRI	MSKNT	NHALW	A
			PO555	BLRVR	RTR I	IIALU	ORCVY	8L	OMEIA	GAFZ	IUUMT	UOM S	077S	ANMAR	O7HSZ	S7P I	7SILT	IEDCA	TOODJ	SIUAO	BOTO7	
	Experiment	**Experiment**	AL	EBEEA	EATOM	M LBS	IAIE	15A1	WODAN	H60E	NDTI	SLA T	OR91E	KFVKD	T8OMA	G2E L	8SCAV	DYEYU	LTIOI	OLBLR	ERAW2	
	name	**type**	RT	RAENO	EC283	A 2A	N N16	4 63	NN312	A4RL	TATN	TGN A	RD00	AR1 O	H5VOK	S8A L	5OTTI	IES L	EUNGM	NNA I	RSGK9	
			KN	G KU	KK654	6	T A2M	0300	D225	I DL	X ED	YAL F	DS02	LG K	LOINI	18K O	3MNSL	OS A	1 THA	OO A	GEAN6	
877	$88JUL26XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
878	$88JUL27X	Alaska	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	---*-	-----	-----	-
879	$88JUL28X	Alaska	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	---*-	-----	-----	-
880	$88JUL29X	Alaska	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	---*-	-----	-----	-
881	$88JUL30X	CDP Pacific	---*-	--*--	-----	***--	-----	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
882	$88JUL31X	CDP Pacific	---*-	--*--	-----	***--	-----	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
883	$88JUL31XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
884	$88AUG03X	Alaska	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-*---	-
885	$88AUG04X	Alaska	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-*---	-
886	$88AUG05X	Alaska	-----	--*--	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-*---	-
887	$88AUG05XI	IRIS-A	-----	-----	---*-	-----	--*--	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
888	$88AUG06X	CDP Pacific	-----	--*--	-----	***--	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
889	$88AUG10XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
890	$88AUG15XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
891	$88AUG20XI	IRIS-A	-----	-----	---*-	-----	--*--	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
892	$88AUG25DX	Japan GSI	-----	-----	-----	*----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-----	-
893	$88AUG25XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
894	$88AUG29XP	IRIS-Pacific	-----	--*--	---*-	*----	-----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
895	$88AUG30XI	IRIS-A	-----	-----	---*-	-----	-----	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
896	$88AUG31X	CDP E. Atln.	----*	-----	-----	-----	--*--	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
897	$88SEP04XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
898	$88SEP08X	CDP ATD	-----	-----	---*-	-----	---*-	-----	*----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
899	$88SEP09XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
900	$88SEP10XO	USNO Test	-----	--*--	-----	-*---	*----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
901	$88SEP14XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
902	$88SEP17X	CDP Pacific	-----	--*--	-----	**---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
903	$88SEP19XI	IRIS-A	-----	-----	---*-	-----	-----	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
904	$88SEP20XP	IRIS-Pacific	-----	--*--	---*-	*----	-----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
905	$88SEP21XO	USNO Test	-----	--*--	-----	-----	*----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
906	$88SEP24XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
907	$88SEP28XO	USNO Test	-----	--*--	-----	-----	*----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
908	$88SEP29XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
909	$88OCT04XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
910	$88OCT06DX	Japan GSI	-----	-----	-----	*----	-----	-----	-----	-----	-----	-----	-----	-----	----*	-----	-----	-----	-----	-----	-----	-
911	$88OCT06X	Local Survey	-----	-----	---*-	-----	---*-	-----	*----	---*-	-----	-----	-----	-----	-*---	-----	-----	-----	-----	-----	-----	-
912	$88OCT06XO	USNO Test	-----	--*--	-----	-----	*----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
913	$88OCT08X	Local Survey	-----	-----	---*-	-----	---*-	-----	*----	---*-	-----	-----	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-
914	$88OCT09XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
915	$88OCT12DX	Japan GSI	-----	-----	-----	*----	-----	-----	-----	-----	-----	-----	-----	-----	----*	-----	-----	-----	-----	-----	-----	-
916	$88OCT13XP	IRIS-Pacific	-----	-----	---*-	*----	-----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-

Table 2.1 (continued)

	Experiment name	Experiment type	ACDDD LHSSS GLSSS OB146 PO555 AL RT KN	EFGGH FDIOA L-LLR SVCDT BLRVR EBEEA RAENO G KU	HHHHK AAORA TYBAS CSASH RTR I EATOM EC283 KK654	KKKLM AAWAA SUA-R HAJVC IIALU M LBS A 2A 6	MMMMN AAEOO RTDJB PEIAE ORCVY IAIE N N16 T A2M	NNNOO ORRNV TAASR OOOAO 8L 15A1 4 63 0300	PRRSS IIOAE ECBNS THLTH OMEIA WODAN NN312 D225	SSUWW EHSEE SAUST TNDTT GAFZ H6OE A4RL I DL	ABBBB UELLR SRKOE TMBOS IUUMT NDTI TATN X ED	CCDEF AAELL RRAYA NRD G UOM S SLA T TGN A YAL F	FFFGG OOTOR RRDRA TT FS 077S OR91E RD00 DS02	HHJKL AOPOE LHLDO EE IN ANMAR KFVKD AR1 O LG K	MMMMM ACEII MDTLY M SEA O7HSZ T8OMA H5VOK LOINI	MMMNO IOOOC ZJNMO U ET S7P I G2E L S8A L I8K O	OPPPP VBEIL RLNNA OTFT 7SILT 8SCAV 5OTTI 3MNSL	PPPQS RTVUA E EIN SRRNP IEDCA DYEYU IES L OS A	SSSST EINOI ANDUT TTPRI TOODJ LTIOI EUNGM 1 THA	TTTVV RRSEI OYURC MSKNT SIUAO OLBLR NNA I OO A	VWYYY NHAEL DTKLO NHALW BOTO7 ERAW2 RSGK9 GEAN6	Y U M A
917	$88OCT14XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
918	$88OCT15X	Western US	-----	-----	*--*-	-----	---*-	-----	-----	-----	-----	----*	-----	-----	-----	-----	----*	-----	-----	-----	-----	-
919	$88OCT16X	Western US	-----	-----	*--*-	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	----*	-----	-----	-----	-----	-
920	$88OCT18X	CDP Atlantic	----*	-----	---*-	-----	---*-	---*-	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
921	$88OCT19XI	IRIS-A	-----	-----	---*-	-----	-----	---*-	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
922	$88OCT20X	Western US	-----	-----	*--*-	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	---*-	*----	*
923	$88OCT21X	Western US	-----	-----	*--*-	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	*
924	$88OCT24XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
925	$88OCT25X	Western US	-----	-----	*--*-	-----	---*-	-----	-----	-----	--*--	---*-	-----	-----	-----	-----	-----	-----	-----	-----	*----	-
926	$88OCT26X	Western US	-----	-----	*--*-	-----	---*-	-----	-----	-----	--*--	---*-	-----	-----	-----	-----	-----	-----	-----	-----	*----	-
927	$88OCT29X	CDP Pacific	-----	--*--	*----	**---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	-
928	$88OCT29XI	IRIS-A	-----	-----	---*-	-----	--*--	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
929	$88OCT30X	California	-----	-----	*--*-	-----	---*-	----*	-----	-----	-----	-----	-----	-----	-----	--*--	-----	---*-	-----	-----	*----	-
930	$88OCT30XO	USNO Test	-----	--*--	-----	-*---	-----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
931	$88OCT31X	California	-----	-----	*--*-	-----	---*-	----*	-----	-----	-----	-----	-----	-----	-----	--*--	-----	---*-	-----	-----	*----	-
932	$88NOV01X	N. Am. Plate	-----	-----	---*-	-----	---*-	-*--*	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
933	$88NOV03XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
934	$88NOV04X	California	-----	-----	-----	-----	---*-	----*	-----	-----	-----	-----	-----	--*--	-----	-----	-----	*----	-----	-----	*----	-
935	$88NOV04XP	IRIS-Pacific	-----	--*--	---*-	*----	-----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
936	$88NOV05X	California	-----	-----	-----	-----	---*-	----*	-----	-----	-----	-----	-----	--*--	-----	-----	-----	*----	-----	-----	*----	-
937	$88NOV06X	CDP Research	--*--	--*--	-*---	-----	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
938	$88NOV08X	California	-----	--*--	*----	-----	---*-	----*	-----	-----	-----	-----	-*---	-----	-----	-----	-----	-*---	-----	-----	*----	-
939	$88NOV08XI	IRIS-A	-----	-----	---*-	-----	-----	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
940	$88NOV09X	California	-----	--*--	*----	-----	---*-	----*	-----	-----	-----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	*----	-
941	$88NOV09XA	CDP E. Atln.	----*	-----	-----	-----	--*--	---*-	-*---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
942	$88NOV10X	CDP Polar	-----	--*--	-----	*----	---*-	---*-	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
943	$88NOV13XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
944	$88NOV18XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
945	$88NOV23XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
946	$88NOV28XI	IRIS-A	-----	-----	---*-	-----	--*--	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
947	$88NOV29X	CDP ATD	-----	--*--	---*-	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
948	$88DEC03XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
949	$88DEC08XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
950	$88DEC10X	CDP Pacific	---*-	--*--	-----	**---	-----	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
951	$88DEC13XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
952	$88DEC14X	CDP E. Atln.	----*	-----	-----	-----	--*--	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
953	$88DEC15XO	USNO Test	-----	--*--	-----	-----	*----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
954	$88DEC18XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
955	$88DEC19XP	IRIS-Pacific	-----	--*--	---*-	*----	-----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
956	$88DEC21XO	USNO Test	-----	--*--	-----	-----	*-*--	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-

Table 2.1 (continued)

	Experiment name	Experiment type	ACDDD LHSSS GLSSS OB146 PO555 AL RT KN	EFGGH FDIOA L-LLR SVCDT BLRVR EBEEA RAENO G KU	HHHHK AAORA TYBAS CSASH RTR I EATOM EC283 KK654	KKKLM AAWAA SUA-R HAJVC IIALU M LBS A 2A 6	MMMMN AAEOO RTDJB PEIAE ORCVY IAIE N N16 T A2M	NNNOO ORRNV TAASR OOOAO 8L 15A1 4 63 0300	PRRSS IIOAE ECBNS THLTH OMEIA WODAN NN312 D225	SSUWW EHSEE SAUST TNDTT GAFZ H6OE A4RL I DL	ABBBB UELLR SRKOE TMBOS IUUMT NDTI TATN X ED	CCDEF AAELL RRAYA NRD G UOM S SLA T TGN A YAL F	FFFGG OOTOR RRDRA TT FS 077S OR91E RD00 DS02	HHJKL AOPOE LHLDO EE IN ANMAR KFVKD AR1 O LG K	MMMMM ACEII MDTLY M SEA O7HSZ T8OMA H5VOK LOINI	MMMNO IOOOC ZJNMO U ET S7P I G2E L S8A L I8K O	OPPPP VBEIL RLNNA OTFT 7SILT 8SCAV 5OTTI 3MNSL	PPPQS RTVUA E EIN SRRNP IEDCA DYEYU IES L OS A	SSSST EINOI ANDUT TTPRI TOODJ LTIOI EUNGM 1 THA	TTTVV RRSEI OYURC MSKNT SIUAO OLBLR NNA I OO A	VWYYY NHAEL DTKLO NHALW BOTO7 ERAW2 RSGK9 GEAN6	Y U M A
957	$88DEC23XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
958	$88DEC28XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
959	$89JAN02XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
960	$89JAN05XO	USNO NAVNET	-----	--*--	-----	-----	*----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
961	$89JAN07XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
962	$89JAN12XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
963	$89JAN13X	CDP Pacific	---*-	--*--	-----	**---	-----	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
964	$89JAN14XO	USNO NAVNET	-----	--*--	-----	-*---	*----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
965	$89JAN17XI	IRIS-A	-----	-----	---*-	-----	-----	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
966	$89JAN19X	California	-----	-----	*--*-	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-----	-----	-----	-----	*----	-
967	$89JAN20X	California	-----	-----	*--*-	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-----	-----	-----	-----	*----	-
968	$89JAN22XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
969	$89JAN23XP	IRIS-Pacific	-----	--*--	---*-	*----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
970	$89JAN24X	California	-----	-----	*----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-----	-----	*----	-
971	$89JAN25X	California	-----	-----	*----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-----	-----	*----	-
972	$89JAN27XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
973	$89JAN28X	California	-----	-----	*----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	----*	-----	-----	*----	-
974	$89JAN29X	California	-----	-----	*----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	----*	-----	-----	*----	-
975	$89FEB01XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
976	$89FEB02X	California	-----	--*--	-----	-----	---*-	-----	-----	-----	-----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	*----	-
977	$89FEB02XH	IRIS-South	-----	----*	---*-	-----	--*--	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
978	$89FEB03X	California	-----	--*--	*----	-----	---*-	-----	-----	-----	-----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	*----	-
979	$89FEB06X	California	-----	-----	*----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-*---	-----	-----	*----	-
980	$89FEB06XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
981	$89FEB07X	California	-----	--*--	*----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-*---	-----	-----	*----	-
982	$89FEB07XH	IRIS-South	-----	----*	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
983	$89FEB11X	California	-----	-----	*----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	-----	-----	*----	-
984	$89FEB11XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
985	$89FEB12X	California	-----	-----	*----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	-----	-----	*----	-
986	$89FEB16XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
987	$89FEB17XH	IRIS-South	-----	----*	---*-	-----	--*--	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
988	$89FEB18X	CDP Pacific	---*-	--*--	-----	**---	-----	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
989	$89FEB19XO	USNO NAVNET	-----	--*--	-----	-*---	*----	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
990	$89FEB20X	CDP E. Atln.	----*	-----	-----	-----	--*--	---*-	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
991	$89FEB21XI	IRIS-A	-----	-----	---*-	-----	-----	---*-	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
992	$89FEB26XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
993	$89FEB27XP	IRIS-Pacific	-----	--*--	---*-	*----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
994	$89MAR03XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
995	$89MAR04XH	IRIS-South	-----	----*	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
996	$89MAR08XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-

Table 2.1 (continued)

	Experiment name	Experiment type	ACDDD LHSSS GLSSS OB146 P0555 AL RT KN	EFGGH FDIOA L-LLR SVCDT BLRVR EBEEA RAENO G KU	HHHHK AAORA TYBAS CSASH RTR I EATOM EC283 KK654	KKKLM AAWAA SUA-R HAJVC IIALU M LBS A 2A 6	MMMMN AAEOO RTDJB PEIAE ORCVY IAIE N N16 T A2M	NNNOO ORRNV TAASR OOOAO 8L 15A1 4 63 0300	PRRSS IIOAE ECBNS THLTH OMEIA WODAN NN312 D225	SSUWW EHSEE SAUST TNDTT GAFZ H6OE A4RL I DL	ABBBB UELLR SRKOE TMBOS IUUMT NDTI TATN X ED	CCDEF AAELL RRAYA NRD G UOM S SLA T TGN A YAL F	FFFGG OOTOR RRDRA TT FS 077S OR91E RD00 DS02	HHJKL AOPOE LHLDO EE IN ANMAR KFVKD AR1 O LG K	MMMMM ACEII MDTLY M SEA O7HSZ T8OMA H5VOK LOINI	MMMNO IOOOC ZJNMO U ET S7P I G2E L S8A L I8K O	OPPPP VBEIL RLNNA OTFT 7SILT 8SCAV 5OTTI 3MNSL	PPPQS RTVUA E EIN SRRNP IEDCA DYEYU IES L OS A	SSSST EINOI ANDUT TTPRI TOODJ LTIOI EUNGM 1 THA	TTTVV RRSEI OYURC MSKNT SIUAO OLBLR NNA I OO A	VWYYY NHAEL DTKLO NHALW BOTO7 ERAW2 RSGK9 GEAN6	Y U M A
997	$89MAR13XI	IRIS-A	-----	-----	---*-	-----	-----	---*-	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
998	$89MAR18XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
999	$89MAR23XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1000	$89MAR26X	CDP Pacific	-----	--*--	-----	**---	-----	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1001	$89MAR27X	CDP Research	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1002	$89MAR28XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1003	$89MAR29XH	IRIS-South	-----	----*	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1004	$89MAR31XP	IRIS-Pacific	-----	--*--	---*-	*----	-----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1005	$89APR02XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1006	$89APR03XO	USNO NAVNET	-----	--*--	-----	-----	*----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1007	$89APR07XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1008	$89APR12XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1009	$89APR17XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1010	$89APR18XP	IRIS-Pacific	-----	--*--	---*-	*----	-----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1011	$89APR20X	N. Am. Plate	-----	--*--	*--*-	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	----*	-----	-----	-----	-----	-
1012	$89APR20XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1013	$89APR21X	N. Am. Plate	-----	--*--	*--*-	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	----*	-----	-----	-----	-----	-
1014	$89APR22XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1015	$89APR24X	CDP Pacific	-----	--*--	*----	**---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	-
1016	$89APR25X	Western US	-----	-----	*--*-	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	---*-	-----	-
1017	$89APR26X	Western US	-----	-----	*--*-	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	---*-	-----	-
1018	$89APR27XI	IRIS-A	-----	-----	---*-	-----	-----	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1019	$89APR30X	Western US	-----	-----	*--*-	-----	---*-	-----	-----	---*-	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1020	$89MAY01X	Western US	-----	-----	*--*-	-----	---*-	-----	-----	---*-	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1021	$89MAY02XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1022	$89MAY05X	California	-----	-----	*--*-	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	---*-	-----	-----	*----	-
1023	$89MAY06X	California	-----	-----	*--*-	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	---*-	-----	-----	*----	-
1024	$89MAY07XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1025	$89MAY08XO	USNO NAVNET	-----	--*--	-----	-----	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1026	$89MAY10X	California	-----	-----	*----	-----	---*-	-----	-----	-----	-----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	*----	-
1027	$89MAY11X	California	-----	-----	*----	-----	---*-	-----	-----	-----	-----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	*----	-
1028	$89MAY12XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1029	$89MAY15X	California	-----	-----	*--*-	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-----	-----	-----	-----	*----	-
1030	$89MAY16X	California	-----	-----	*--*-	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-----	-----	-----	-----	*----	-
1031	$89MAY17XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1032	$89MAY20X	CDP Pacific	-----	--*--	-----	**---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	-
1033	$89MAY22XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1034	$89MAY23XP	IRIS-Pacific	-----	--*--	---*-	*----	-----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1035	$89MAY24X	CDP Research	-----	--*--	-*---	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1036	$89MAY27XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-

Table 2.1 (continued)

	Experiment name	Experiment type	ACDDD LHSSS GLSSS OB146 PO555 AL RT KN	EFGGH FDIOA L-LLR SVCDT BLRVR EBEEA RAENO G KU	HHHHK AAORA TYBAS CSASH RTR I EATOM EC283 KK654	KKKLM AAWAA SUA-R HAJVC IIALU M LBS A 2A 6	MMMMN AAEOO RTDJB PEIAE ORCVY IAIE N N16 T A2M	NNNOO ORRNV TAASR OOOAO 8L 15A1 4 63 0300	PRRSS IIOAE ECBNS THLTH OMEIA WODAN NN312 D225	SSUWW EHSEE SAUST TNDTT GAFZ H6OE A4RL I DL	ABBBB UELLR SRKOE TMBOS IUUMT NDTI TATN X ED	CCDEF AAELL RRAYA NRD G UOM S SLA T TGN A YAL F	FFFGG OOTOR RRDRA TT FS 077S OR91E RD00 DS02	HHJKL AOPOE LHLDO EE IN ANMAR KFVKD AR1 O LG K	MMMMM ACEII MDTLY M SEA O7HSZ T8OMA H5VOK LOINI	MMMNO IOOOC ZJNMO U ET S7P I G2E L S8A L I8K O	OPPPP VBEIL RLNNA OTFT 7SILT 8SCAV 5OTTI 3MNSL	PPPQS RTVUA E EIN SRRNP IEDCA DYEYU IES L OS A	SSSST EINOI ANDUT TTPRI TOODJ LTIOI EUNGM 1 THA	TTTVV RRSEI OYURC MSKNT SIUAO OLBLR NNA I OO A	VWYYY NHAEL DTKLO NHALW BOTO7 ERAW2 RSGK9 GEAN6	Y U M A
1037	$89MAY30X	Local Survey	-----	-----	---*-	-----	*----	--*--	-*---	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-
1038	$89MAY31X	Local Survey	-----	-----	-----	-----	*----	--*--	-*---	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-
1039	$89JUN01XI	IRIS-A	-----	-----	---*-	-----	-----	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1040	$89JUN03X	CDP E. Atln.	----*	-----	-----	-----	-----	*--*-	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1041	$89JUN04XO	USNO NAVNET	-----	--*--	-----	-*---	*----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1042	$89JUN06XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1043	$89JUN10X	CDP Pacific	-----	--*--	-----	**---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	-
1044	$89JUN11XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1045	$89JUN16XI	IRIS-A	-----	-----	---*-	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1046	$89JUN21X*	IRIS-A Eur.	-----	-----	-----	-----	---*-	*----	-*---	---**	-----	-----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-
1047	$89JUN22XP	IRIS-Pacific	-----	--*--	---*-	*----	-----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1048	$89JUN23X*	Europe Mobl.	-----	-----	-----	-----	-----	*----	-----	----*	-----	-----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-
1049	$89JUN24X*	Europe Mobl.	-----	-----	-----	-----	-----	*----	-----	----*	-----	-----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-
1050	$89JUN25X*	Europe Mobl.	-----	-----	-----	-----	-----	*----	-----	----*	-----	-----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-
1051	$89JUN26X*	IRIS-A Eur.	-----	-----	-----	-----	---*-	*----	-*---	---**	-----	-----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-
1052	$89JUN27XO	USNO NAVNET	-----	--*--	-----	-----	*----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1053	$89JUL01XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1054	$89JUL02XO	USNO NAVNET	-----	--*--	-----	-----	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1055	$89JUL05X	Alaska	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-
1056	$89JUL05X*	Europe Mobl.	-----	-----	-----	-----	-----	---*-	-----	----*	-----	-----	-----	-----	--*--	-----	-----	-----	-----	-----	-----	-
1057	$89JUL06X	Alaska	-----	--*--	-*-*-	-----	-----	-----	-----	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-
1058	$89JUL06X*	IRIS-A Eur.	-----	-----	-----	-----	---*-	---*-	-*---	---**	-----	-----	-----	-----	--*--	-----	-----	-----	-----	-----	-----	-
1059	$89JUL07X	Alaska	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-
1060	$89JUL08X	CDP Pacific	-----	--*--	-----	**---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	-
1061	$89JUL08X*	Europe Mobl.	-----	-----	-----	-----	-----	---*-	-----	----*	-----	-----	-----	-----	--*--	-----	-----	-----	-----	-----	-----	-
1062	$89JUL09X*	Europe Mobl.	-----	-----	-----	-----	-----	---*-	-----	----*	-----	-----	-----	-----	--*--	-----	-----	-----	-----	-----	-----	-
1063	$89JUL09XO	USNO NAVNET	-----	--*--	-----	-*---	---*-	*-*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1064	$89JUL11X*	IRIS-A Eur.	-----	-----	-----	-----	---*-	---*-	-*---	---**	-----	-----	-----	-----	--*--	-----	-----	-----	-----	-----	-----	-
1065	$89JUL13X	Alaska	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-----	-----	-
1066	$89JUL14X	Alaska	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-----	-----	-
1067	$89JUL15X	Alaska	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-----	-----	-
1068	$89JUL16XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1069	$89JUL18XO	USNO NAVNET	-----	--*--	-----	-----	*----	*-*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1070	$89JUL21XI	IRIS-A	-----	-----	-----	-----	---*-	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1071	$89JUL23XO	USNO NAVNET	-----	--*--	-----	-----	*----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1072	$89JUL24X	Alaska	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-
1073	$89JUL25X	Alaska	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-
1074	$89JUL26X	Alaska	--*--	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-
1075	$89JUL26XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1076	$89JUL27XP	IRIS-Pacific	-----	--*--	-----	*----	---*-	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-

Table 2.1 (continued)

	Experiment name	Experiment type	ACDDD LHSSS GLSSS 0B146 P0555 AL RT KN	EFGGH FDIOA L-LLR SVCDT BLRVR EBEEA RAENO G KU	HHHHK AAORA TYBAS CSASH RTR I EATOM EC283 KK654	KKKLM AAWAA SUA-R HAJVC IIALU M LBS A 2A 6	MMMMN AAEOO RTDJB PEIAE ORCVY IAIE N N16 T A2M	NNNOO ORRNV TAASR OOOAO 8L 15A1 4 63 0300	PRRSS IIOAE ECBNS THLTH OMEIA WODAN NN312 D225	SSUWW EHSEE SAUST TNDTT GAFZ H6OE A4RL I DL	ABBBB UELLR SRKOE TMBOS IUUMT NDTI TATN X ED	CCDEF AAELL RRAYA NRD G UOM S SLA T TGN A YAL F	FFFGG OOTOR RRDRA TT FS 077S OR91E RD00 DS02	HHJKL AOPOE LHLDO EE IN ANMAR KFVKD AR1 O LG K	MMMMM ACEII MDTLY M SEA O7HSZ T8OMA H5VOK LOINI	MMMNO IOOOC ZJNMO U ET S7P I G2E L S8A L I8K O	OPPPP VBEIL RLNNA OTFT 7SILT 8SCAV 5OTTI 3MNSL	PPPQS RTVUA E EIN SRRNP IEDCA DYEYU IES L OS A	SSSST EINOI ANDUT TTPRI TOODJ LTIOI EUNGM 1 THA	TTTVV RRSEI OYURC MSKNT SIUAO OLBLR NNA I OO A	VWYYY NHAEL DTKLO NHALW BOTO7 ERAW2 RSGK9 GEAN6	Y U M A
1077	$89JUL29X	CDP Research	-----	--*--	-*---	-----	---*-	-----	*----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1078	$89JUL30X*	Europe Mobl.	-----	-----	-----	-----	-----	---*-	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	-----	-
1079	$89JUL31X*	IRIS-A Eur.	-----	-----	-----	-----	---*-	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	-----	-
1080	$89AUG01X	Alaska	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	---*-	-----	-----	-
1081	$89AUG01X*	Europe Mobl.	-----	-----	-----	-----	-----	---*-	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	-----	-
1082	$89AUG02X	Alaska	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	---*-	-----	-----	-
1083	$89AUG02X*	Europe Mobl.	-----	-----	-----	-----	-----	---*-	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	-----	-
1084	$89AUG03X	Alaska	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	---*-	-----	-----	-
1085	$89AUG04XO	USNO NAVNET	-----	--*--	-----	-*---	---*-	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1086	$89AUG05XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1087	$89AUG07XO	USNO NAVNET	-----	--*--	-----	-----	*----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-*---	-
1088	$89AUG08X	Alaska	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-*---	-
1089	$89AUG09X	Alaska	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-*---	-
1090	$89AUG10X	Alaska	-----	--*--	-----	**---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1091	$89AUG10XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1092	$89AUG15XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1093	$89AUG17XO	USNO NAVNET	-----	--*--	-----	-----	*----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1094	$89AUG18X*	Europe Mobl.	-----	-----	-----	-----	-----	-----	-----	----*	-----	*----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1095	$89AUG19X*	Europe Mobl.	-----	-----	-----	-----	-----	-----	-----	----*	-----	*----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1096	$89AUG20X*	IRIS-A Eur.	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	*----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1097	$89AUG22X*	Europe Mobl.	-----	-----	-----	-----	-----	-----	-----	----*	-----	*----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1098	$89AUG24XO	USNO NAVNET	-----	--*--	-----	-----	*----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1099	$89AUG25XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1100	$89AUG29X	CDP Research	-----	--*--	-----	-----	---*-	-----	*----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1101	$89AUG30X*	IRIS-A Eur.	-----	-----	-----	-----	---*-	*----	-*---	---**	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1102	$89AUG31XO	USNO NAVNET	-----	--*--	-----	-----	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1103	$89SEP01X*	Europe Mobl.	-----	-----	-----	-----	-----	*----	-----	----*	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1104	$89SEP02X*	Europe Mobl.	-----	-----	-----	-----	-----	*----	-----	----*	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1105	$89SEP04X*	IRIS-A Eur.	-----	-----	-----	-----	---*-	*--*-	-----	---**	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1106	$89SEP07XO	USNO NAVNET	-----	--*--	-----	-----	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1107	$89SEP09XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1108	$89SEP10XO	USNO NAVNET	-----	--*--	-----	-*---	-----	*-*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1109	$89SEP12X*	Europe Mobl.	-----	-----	-----	-----	-----	*----	-----	----*	-----	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-
1110	$89SEP13X*	Europe Mobl.	-----	-----	-----	-----	-----	*----	-----	----*	-----	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-
1111	$89SEP14X*	IRIS-A Eur.	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-
1112	$89SEP16X	CDP Pacific	-----	--*--	-----	**---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	-
1113	$89SEP16X*	Europe Mobl.	-----	-----	-----	-----	-----	-----	-----	----*	-----	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-
1114	$89SEP17XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1115	$89SEP19XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1116	$89SEP20XP	IRIS-Pacific	-----	--*--	-----	*----	---*-	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-

Table 2.1 (continued)

	Experiment name	Experiment type	ACDDD LHSSS GLSSS OB146 PO555 AL RT KN	EFGGH FDIOA L-LLR SVCDT BLRVR EBEEA RAENO G KU	HHHHK AAORA TYBAS CSASH RTR I EATOM EC283 KK654	KKKLM AAWAA SUA-R HAJVC IIALU M LBS A 2A 6	MMMMN AAEOO RTDJB PEIAE ORCVY IAIE N N16 T A2M	NNNOO ORRNV TAASR OOOAO 8L 15A1 4 63 0300	PRRSS IIOAE ECBNS THLTH OMEIA WODAN NN312 D225	SSUWW EHSEE SAUST TNDTT GAFZ H6OE A4RL I DL	ABBBB UELLR SRKOE TMBOS IUUMT NDTI TATN X ED	CCDEF AAELL RRAYA NRD G UOM S SLA T TGN A YAL F	FFFGG OOTOR RRDRA TT FS 077S OR91E RD00 DS02	HHJKL AOPOE LHLDO EE IN ANMAR KFVKD AR1 O LG K	MMMMM ACEII MDTLY M SEA O7HSZ T8OMA H5VOK LOINI	MMMNO IOOOC ZJNMO U ET S7P I G2E L S8A L I8K O	OPPPP VBEIL RLNNA OTFT 7SILT 8SCAV 5OTTI 3MNSL	PPPQS RTVUA E EIN SRRNP IEDCA DYEYU IES L OS A	SSSST EINOI ANDUT TTPRI TOOOJ LTIOI EUNGM 1 THA	TTTVV RRSEI OYURC MSKNT SIUAO OLBLR NNA I OO A	VWYYY NHAEL DTKLO NHALW BOTO7 ERAW2 RSGK9 GEAN6	Y U M A
1117	$89SEP24XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1118	$89SEP26X	CDP Pacific	-----	--*--	--*--	**---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1119	$89SEP27XO	USNO NAVNET	-----	--*--	-----	-----	---*-	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1120	$89SEP29DX	Japan GSI	-----	-----	-----	*----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-----	-
1121	$89SEP29XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1122	$89OCT04XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1123	$89OCT05XO	USNO NAVNET	-----	--*--	-----	-----	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1124	$89OCT08X	CDP Research	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1125	$89OCT09XI	IRIS-A	-----	-----	-----	-----	---*-	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1126	$89OCT10XP	IRIS-Pacific	-----	--*--	-----	*----	---*-	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1127	$89OCT11X	Local Survey	-----	-----	-----	-----	---*-	-----	-*---	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-
1128	$89OCT11XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1129	$89OCT12X	Local Survey	-----	-----	-----	-----	---*-	-----	-*---	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-
1130	$89OCT14XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1131	$89OCT15X	CDP Research	-----	--*--	-*---	-----	---*-	-----	*----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1132	$89OCT16X	CDP Research	-----	--*--	-*---	-----	---*-	-----	*----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1133	$89OCT16XO	USNO NAVNET	-----	-----	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1134	$89OCT17X	CDP Research	-----	--*--	-*---	-----	---*-	-----	*----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1135	$89OCT18X	CDP Research	-----	--*--	-*---	-----	---*-	-----	*----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1136	$89OCT19XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1137	$89OCT20X	California	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	*----	-----	-----	*----	-
1138	$89OCT22X	CDP Research	-----	--*--	-*---	-----	---*-	-----	*----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1139	$89OCT23X	California	-----	--*--	**---	-----	---*-	-----	-----	---*-	-----	-----	-*---	-----	-----	-----	-----	*----	-----	-----	*----	-
1140	$89OCT23XA	CDP Research	-----	--*--	-*---	-----	---*-	-----	*----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1141	$89OCT23XO	USNO NAVNET	-----	-----	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1142	$89OCT24XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1143	$89OCT25X	CDP Research	-----	--*--	-*---	-----	---*-	-----	*----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1144	$89OCT26X	CDP Research	-----	--*--	-*---	-----	---*-	-----	*----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1145	$89OCT27X	CDP Research	-----	--*--	-*---	-----	---*-	-----	*----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1146	$89OCT28X	CDP Research	-----	--*--	-*---	-----	---*-	-----	*----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1147	$89OCT29XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1148	$89OCT30X	CDP Research	-----	--*--	-*---	-----	---*-	-----	*----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1149	$89OCT30XO	USNO NAVNET	-----	-----	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1150	$89OCT31X	CDP Research	-----	--*--	-*---	-----	---*-	-----	*----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1151	$89NOV01X	California	-----	--*--	*----	-----	---*-	-----	-----	---*-	-----	-----	-*---	-----	-----	-----	-----	---*-	-----	-----	*----	-
1152	$89NOV02X	California	-----	--*--	*----	-----	---*-	-----	-----	---*-	-----	-----	-*---	-----	-----	-----	-----	---*-	-----	-----	*----	-
1153	$89NOV03XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1154	$89NOV05X	CDP Pacific	-----	--*--	*----	**---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	-
1155	$89NOV06X	California	-----	--*--	*----	-----	---*-	-----	-----	---*-	-----	-----	-*---	-----	-----	-----	-----	-*---	-----	-----	*----	-
1156	$89NOV07X	California	-----	--*--	*----	-----	---*-	-----	-----	---*-	-----	-----	-*---	-----	-----	-----	-----	-*---	-----	-----	*----	-

Table 2.1 (continued)

	Experiment name	Experiment type	ACDDD LHSSS GLSSS OB146 PO555 AL RT KN	EFGGH FDIOA L-LLR SVCDT BLRVR EBEEA RAENO G KU	HHHHK AAORA TYBAS CSASH RTR I EATOM EC283 KK654	KKKLM AAWAA SUA-R HAJVC IIALU M LBS A 2A 6	MMMMN AAEOO RTDJB PEIAE ORCVY IAIE N N16 T A2M	NNNOO ORRNV TAASR OOOAO 8L 15A1 4 63 0300	PRRSS IIOAE ECBNS THLTH OMEIA WODAN NN312 D225	SSUWW EHSEE SAUST TNDTT GAFZ H6OE A4RL I DL	ABBBB UELLR SRKOE TMBOS IUUMT NDTI TATN X ED	CCDEF AAELL RRAYA NRD G UOM S SLA T TGN A YAL F	FFFGG OOTOR RRDRA TT FS 077S OR91E RD00 DS02	HHJKL AOPOE LHLDO EE IN ANMAR KFVKD AR1 O LG K	MMMMM ACEII MDTLY M SEA O7HSZ T8OMA H5VOK LOINI	MMMNO IOOOC ZJNMO U ET S7P I G2E L S8A L I8K O	OPPPP VBEIL RLNNA OTFT 7SILT 8SCAV 5OTTI 3MNSL	PPPQS RTVUA E EIN SRRNP IEDCA DYEYU IES L OS A	SSSST EINOI ANDUT TTPRI TOODJ LTIOI EUNGM 1 THA	TTTVV RRSEI OYURC MSKNT SIUAO OLBLR NNA I OO A	VWYYY NHAEL DTKLO NHALW BOTO7 ERAW2 RSGK9 GEAN6	Y U M A
1157	$89NOV08XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1158	$89NOV09XO	USNO NAVNET	-----	--*--	-----	-*---	-----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1159	$89NOV11X	California	-----	--*--	*----	-----	---*-	-----	-----	---*-	-----	-----	-*---	-----	-----	-----	-----	-*---	-----	-----	*----	-
1160	$89NOV12X	California	-----	--*--	*----	-----	---*-	-----	-----	---*-	-----	-----	-*---	-----	-----	-----	-----	-*---	-----	-----	*----	-
1161	$89NOV13XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1162	$89NOV16X	California	-----	--*--	*----	-----	---*-	-----	-----	---*-	-----	-----	-*---	-----	-----	-----	-----	*----	-----	-----	*----	-
1163	$89NOV17X	California	-----	--*--	*----	-----	---*-	-----	-----	---*-	-----	-----	-*---	-----	-----	-----	-----	*----	-----	-----	*----	-
1164	$89NOV18XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1165	$89NOV19XP	IRIS-Pacific	-----	--*--	-----	*----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1166	$89NOV21XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1167	$89NOV23XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1168	$89NOV25X	CDP Pacific	---*-	--*--	--*--	**---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1169	$89NOV26XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1170	$89NOV28DX	Japan GSI	-----	-----	-----	*----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	----*	-----	-----	-
1171	$89NOV28XI	IRIS-A	-----	-----	-----	-----	---*-	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1172	$89DEC03XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1173	$89DEC04XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1174	$89DEC12X	CDP Polar	-----	--*--	-----	*----	---*-	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1175	$89DEC13XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1176	$89DEC13XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1177	$89DEC17XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1178	$89DEC18X	CDP Pacific	---*-	--*--	--*--	**---	-----	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1179	$89DEC18XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1180	$89DEC19XP	IRIS-Pacific	-----	--*--	--*--	*----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1181	$89DEC20XS	Source Surv.	-----	----*	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1182	$89DEC21XH	IRIS-South	-----	----*	-----	-----	---*-	-----	-*---	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1183	$89DEC23XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1184	$89DEC27XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1185	$89DEC28XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1186	$90JAN02XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1187	$90JAN03XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1188	$90JAN07XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1189	$90JAN09X	CDP Research	-----	--*--	-----	-----	---*-	-----	*----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1190	$90JAN10XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1191	$90JAN12XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1192	$90JAN15X	California	-----	--*--	*----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-*---	-----	-----	*----	-
1193	$90JAN16X	California	-----	--*--	*----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-*---	-----	-----	*----	-
1194	$90JAN17XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1195	$90JAN17XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1196	$90JAN18X	CDP Pacific	-----	--*--	*----	**---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	-

Table 2.1 (continued)

	Experiment name	Experiment type	ACDDD LHSSS GLSSS OB146 PO555 AL RT KN	EFGGH FDIOA L-LLR SVCDT BLRVR EBEEA RAENO G KU	HHHHK AAORA TYBAS CSASH RTR I EATOM EC283 KK654	KKKLM AAWAA SUA-R HAJVC IIALU M LBS A 2A 6	MMMMN AAEOO RTDJB PEIAE ORCVY IAIE N N16 T A2M	NNNOO ORRNV TAASR OOOAO 8L 15A1 4 63 0300	PRRSS IIOAE ECBNS THLTH OMEIA WODAN NN312 D225	SSUWW EHSEE SAUST TNDTT GAFZ H6OE A4RL I DL	ABBBB UELLR SRKOE TMBOS IUUMT NDTI TATN X ED	CCDEF AAELL RRAYA NRD G UOM S SLA T TGN A YAL F	FFFGG OOTOR RRDRA TT FS 077S OR91E RD00 DS02	HHJKL AOPOE LHLDO EE IN ANMAR KFVKD AR1 O LG K	MMMMM ACEII MDTLY M SEA O7HSZ T8OMA H5VOK LOINI	MMMNO IOOOC ZJNMO U ET S7P I G2E L S8A L I8K O	OPPPP VBEIL RLNNA OTFT 7SILT 8SCAV 5OTTI 3MNSL	PPPQS RTVUA E EIN SRRNP IEDCA DYEYU IES L OS A	SSSST EINOI ANDUT TTPRI TOODJ LTIOI EUNGM 1 THA	TTTVV RRSEI OYURC MSKNT SIUAO OLBLR NNA I OO A	VWYYY NHAEL DTKLO NHALW BOTO7 ERAW2 RSGK9 GEAN6	Y U M A
1197	$90JAN20X	California	-----	--*--	*----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	-----	-----	*----	-
1198	$90JAN21X	California	-----	--*--	*----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	-----	-----	*----	-
1199	$90JAN22XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1200	$90JAN23XP	IRIS-Pacific	-----	--*--	-----	*----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1201	$90JAN24XO	USNO NAVNET	-----	-----	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1202	$90JAN25X	California	-----	--*--	*----	-----	---*-	-----	-----	-----	-----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	*----	-
1203	$90JAN26X	Intra-Europe	----*	-----	-----	-----	--*--	*--*-	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1204	$90JAN26XA	California	-----	--*--	*----	-----	---*-	-----	-----	-----	-----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	*----	-
1205	$90JAN27XI	IRIS-A	-----	-----	-----	-----	---*-	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1206	$90JAN29XH	IRIS-South	-----	----*	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1207	$90JAN30X	California	-----	--*--	*----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	----*	-----	-----	*----	-
1208	$90JAN31X	California	-----	--*--	*----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	----*	-----	-----	*----	-
1209	$90JAN31XO	USNO NAVNET	-----	-----	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1210	$90FEB01XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1211	$90FEB04X	California	-----	--*--	*----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-----	-----	*----	-
1212	$90FEB05X	California	-----	--*--	*----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-----	-----	*----	-
1213	$90FEB06XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1214	$90FEB06XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1215	$90FEB07XH	IRIS-South	-----	----*	-----	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1216	$90FEB08XS	Source Surv.	-----	----*	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1217	$90FEB09X	California	-----	--*--	*----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	---*-	-----	-----	-----	*----	-
1218	$90FEB10X	California	-----	--*--	*----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	---*-	-----	-----	-----	*----	-
1219	$90FEB11XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1220	$90FEB12XP	IRIS-Pacific	-----	--*--	--*--	*----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1221	$90FEB13XP	IRIS-Pacific	-----	--*--	-----	*----	---*-	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1222	$90FEB14XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1223	$90FEB15X	CDP Research	-----	--*--	-----	-----	---*-	-----	*----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1224	$90FEB16XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1225	$90FEB17XP	IRIS-Pacific	-----	--*--	-----	*----	---*-	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1226	$90FEB18XP	IRIS-Pacific	-----	--*--	-----	*----	---*-	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1227	$90FEB19XP	IRIS-Pacific	-----	--*--	-----	*----	---*-	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1228	$90FEB20XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1229	$90FEB21XI	IRIS-A	-----	-----	-----	-----	---*-	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1230	$90FEB26XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1231	$90FEB28XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1232	$90MAR03XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1233	$90MAR07XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1234	$90MAR08XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1235	$90MAR13XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1236	$90MAR14XO	USNO NAVNET	-----	--*--	-----	-*---	-----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-

Table 2.1 (continued)

	Experiment name	Experiment type	ACDDD LHSSS GLSSS OB146 PO555 AL RT KN	EFGGH FDIOA L-LLR SVCDT BLRVR EBEEA RAENO G KU	HHHHK AAORA TYBAS CSASH RTR I EATOM EC283 KK654	KKKLM AAWAA SUA-R HAJVC IIALU M LBS A 2A 6	MMMMN AAEOO RTDJB PEIAE ORCVY IAIE N N16 T A2M	NNNOO ORRNV TAASR OOOAO 8L 15A1 4 63 0300	PRRSS IIOAE ECBNS THLTH OMEIA WODAN NN312 D225	SSUWW EHSEE SAUST TNDTT GAFZ H6OE A4RL I DL	ABBBB UELLR SRKOE TMBOS IUUMT NDTI TATN X ED	CCDEF AAELL RRAYA NRD G UOM S SLA T TGN A YAL F	FFFGG OOTOR RRDRA TT FS 077S OR91E RD00 DS02	HHJKL AOPOE LHLDO EE IN ANMAR KFVKD AR1 O LG K	MMMMM ACEII MDTLY M SEA O7HSZ T8OMA H5VOK LOINI	MMMNO IOOOC ZJNMO U ET S7P I G2E L S8A L I8K O	OPPPP VBEIL RLNNA OTFT 7SILT 8SCAV 5OTTI 3MNSL	PPPQS RTVUA E EIN SRRNP IEDCA DYEYU IES L OS A	SSSST EINOI ANDUT TTPRI TOODJ LTIOI EUNGM 1 THA	TTTVV RRSEI OYURC MSKNT SIUAO OLBLR NNA I OO A	VWYYY NHAEL DTKLO NHALW BOTO7 ERAW2 RSGK9 GEAN6	Y U M A
1237	$90MAR15XS	Source Surv.	-----	----*	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1238	$90MAR18XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1239	$90MAR21XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1240	$90MAR22X	CDP Pacific	---*-	--*--	--*-*	**---	-----	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1241	$90MAR23XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1242	$90MAR27XP	IRIS-Pacific	-----	--*--	--*-*	*----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1243	$90MAR28XI	IRIS-A	-----	-----	-----	-----	---*-	---*-	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1244	$90MAR28XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1245	$90MAR29X	CDP Research	-----	--*--	-----	-----	---*-	-----	*----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1246	$90APR02XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1247	$90APR03X	Ger. T. Asia	-----	----*	-----	*----	-----	-----	----*	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1248	$90APR04XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1249	$90APR07XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1250	$90APR11XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1251	$90APR12XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1252	$90APR13XP	IRIS-Pacific	-----	--*--	--*--	*----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1253	$90APR16XO	USNO NAVEX	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1254	$90APR17XI	IRIS-A	-----	-----	-----	-----	---*-	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1255	$90APR18X	CDP Global	-----	-----	-----	-----	---*-	---*-	-----	*--*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1256	$90APR18XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1257	$90APR19X	CDP Pacific	-----	--*--	----*	**---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1258	$90APR22XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1259	$90APR23XH	IRIS-South	-----	----*	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1260	$90APR25XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1261	$90APR26X	CDP Research	-----	--*--	-----	-----	---*-	-----	*----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1262	$90APR26XS	Source Surv.	-----	----*	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1263	$90APR27XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1264	$90MAY01XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1265	$90MAY02XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1266	$90MAY06XP	IRIS-Pacific	-----	--*--	--*--	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1267	$90MAY07XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1268	$90MAY08XO	USNO NAVNET	-----	--*--	-----	-*---	-----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1269	$90MAY08XX	Ger. T. Asia	-----	----*	-----	*----	--*--	-----	----*	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1270	$90MAY10DX	Japan CRL	-----	-----	----*	*----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1271	$90MAY12XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1272	$90MAY14X	CDP Research	-----	--*--	-----	-----	---*-	-----	*----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1273	$90MAY15XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1274	$90MAY15XS	Source Surv.	-----	----*	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1275	$90MAY17XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1276	$90MAY21XH	IRIS-South	-----	----*	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-

Table 2.1 (continued)

	Experiment name	Experiment type	ACDDD LHSSS GLSSS OB146 PO555 AL RT KN	EFGGH FDIOA L-LLR SVCDT BLRVR EBEEA RAENO G KU	HHHHK AAORA TYBAS CSASH RTR I EATOM EC283 KK654	KKKLM AAWAA SUA-R HAJVC IIALU M LBS A 2A 6	MMMMN AAEOO RTDJB PEIAE ORCVY IAIE N N16 T A2M	NNNOO ORRNV TAASR OOOAO 8L 15A1 4 63 0300	PRRSS IIOAE ECBNS THLTH OMEIA WODAN NN312 D225	SSUWW EHSEE SAUST TNDTT GAFZ H6OE A4RL I DL	ABBBB UELLR SRKOE TMBOS IUUMT NDTI TATN X ED	CCDEF AAELL RRAYA NRD G UOM S SLA T TGN A YAL F	FFFGG OOTOR RRDRA TT FS 077S OR91E RD00 DS02	HHJKL AOPOE LHLDO EE IN ANMAR KFVKD AR1 O LG K	MMMMM ACEII MDTLY M SEA O7HSZ T8OMA H5VOK LOINI	MMMNO IOOOC ZJNMO U ET S7P I G2E L S8A L I8K O	OPPPP VBEIL RLNNA OTFT 7SILT 8SCAV 5OTTI 3MNSL	PPPQS RTVUA E EIN SRRNP IEDCA DYEYU IES L OS A	SSSST EINOI ANDUT TTPRI TOODJ LTIOI EUNGM 1 THA	TTTVV RRSEI OYURC MSKNT SIUAO OLBLR NNA I OO A	VWYYY NHAEL DTKLO NHALW BOTO7 ERAW2 RSGK9 GEAN6	Y U M A
1277	$90MAY22XI	IRIS-A	-----	-----	-----	-----	---*-	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1278	$90MAY22XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1279	$90MAY23X	CDP Global	-----	--*-*	--*-*	-*---	-----	---*-	-----	*--*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1280	$90MAY24X	Intra-Europe	----*	-----	-----	-----	-**--	-----	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1281	$90MAY24XA	CDP Global	-----	--*-*	--*-*	-*---	-----	---*-	-----	*--*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1282	$90MAY27XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1283	$90MAY30XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1284	$90JUN01XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1285	$90JUN04XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1286	$90JUN06XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1287	$90JUN08X	Alaska	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-
1288	$90JUN09X	Alaska	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-
1289	$90JUN10X	Alaska	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-
1290	$90JUN11XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1291	$90JUN12XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1292	$90JUN16XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1293	$90JUN18X	Alaska	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-
1294	$90JUN19X	Alaska	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-
1295	$90JUN19XS	Source Surv.	-----	----*	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1296	$90JUN20X	Alaska	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-
1297	$90JUN21XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1298	$90JUN22XP	IRIS-Pacific	-----	--*--	--*-*	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1299	$90JUN25X	CDP Pacific	-----	--*--	----*	*---*	-----	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1300	$90JUN25XH	IRIS-South	-----	----*	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1301	$90JUN26XI	IRIS-A	-----	-----	-----	-----	---*-	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1302	$90JUN26XO	USNO NAVNET	*----	--*--	-----	-*---	-----	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1303	$90JUN28X	CDP Research	-----	--*--	-----	-----	---*-	-----	*----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1304	$90JUN28XA	CDP Pacific	---*-	-----	--*--	**---	-----	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1305	$90JUN29X	Alaska	*----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-
1306	$90JUN30X	Alaska	*----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-
1307	$90JUN30XA	Japan CRL	-----	-----	----*	*----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1308	$90JUL01XI	IRIS-A	*----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1309	$90JUL02X	Alaska	*----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-
1310	$90JUL05XO	USNO NAVNET	*----	--*--	-----	-*---	-----	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1311	$90JUL06XI	IRIS-A	*----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1312	$90JUL09X	Alaska	*----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-----	-----	-
1313	$90JUL09XO	USNO NAVNET	-----	-----	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1314	$90JUL10X	Alaska	*----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-----	-----	-
1315	$90JUL11XI	IRIS-A	-----	-----	-----	-----	---*-	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1316	$90JUL12X	Alaska	*----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	--*--	-----	-----	-

Table 2.1 (continued)

	Experiment name	Experiment type	ACDDD LHSSS GLSSS OB146 PO555 AL RT KN	EFGGH FDIOA L-LLR SVCDT BLRVR EBEEA RAENO G KU	HHHHK AAORA TYBAS CSASH RTR I EATOM EC283 KK654	KKKLM AAWAA SUA-R HAJVC IIALU M LBS A 2A 6	MMMMN AAEOO RTDJB PEIAE ORCVY IAIE N N16 T A2M	NNNOO ORRNV TAASR OOOAO 8L 15A1 4 63 0300	PRRSS IIOAE ECBNS THLTH OMEIA WODAN NN312 D225	SSUWW EHSEE SAUST TNDTT GAFZ H6OE A4RL I DL	ABBBB UELLR SRKOE TMBOS IUUMT NDTI TATN X ED	CCDEF AAELL RRAYA NRD G UOM S SLA T TGN A YAL F	FFFGG OOTOR RRDRA TT FS 077S OR91E RD00 DS02	HHJKL AOPOE LHLDO EE IN ANMAR KFVKD AR1 O LG K	MMMMM ACEII MDTLY M SEA O7HSZ T8OMA H5VOK LOINI	MMMNO IOOOC ZJNMO U ET S7P I G2E L S8A L I8K O	OPPPP VBEIL RLNNA OTFT 7SILT 8SCAV 5OTTI 3MNSL	PPPQS RTVUA E EIN SRRNP IEDCA DYEYU IES L OS A	SSSST EINOI ANDUT TTPRI TOODJ LTIOI EUNGM 1 THA	TTTVV RRSEI OYURC MSKNT SIUAO OLBLR NNA I OO A	VWYYY NHAEL DTKLO NHALW BOTO7 ERAW2 RSGK9 GEAN6	Y U M A
1317	$90JUL16XI	IRIS-A	*----	-----	-----	-----	---*-	-----	-*---	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1318	$90JUL17XO	USNO NAVNET	*----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1319	$90JUL17XS	Source Surv.	-----	----*	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1320	$90JUL19XH	IRIS-South	-----	----*	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1321	$90JUL20XP	IRIS-Pacific	-----	--*--	--*-*	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1322	$90JUL21XI	IRIS-A	*----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1323	$90JUL23DX	Japan GSI	-----	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-*---	-----	-----	-
1324	$90JUL23X	CDP Research	-----	--*--	-----	-----	---*-	-----	*----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1325	$90JUL24X	N. Am. Plate	*----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	--*--	-----	-----	-----	-----	-
1326	$90JUL24XO	USNO NAVNET	-----	-----	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1327	$90JUL25X	N. Am. Plate	*----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	--*--	-----	-----	-----	-----	-
1328	$90JUL26DX	Japan GSI	-----	-----	-----	*----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-*---	-----	-----	-
1329	$90JUL26XI	IRIS-A	*----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1330	$90JUL27DX	Japan GSI	-----	-----	-----	*----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-*---	-----	-----	-
1331	$90JUL27X	N. Am. Plate	*----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	--*--	-----	-----	-----	-----	-
1332	$90JUL30DX	Japan GSI	-----	-----	-----	*----	-----	-----	-----	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-*---	-----	-----	-
1333	$90JUL30X	N. Am. Plate	*----	--*--	-----	-----	---*-	-----	-*---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1334	$90JUL31XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1335	$90JUL31XO	USNO NAVNET	*----	--*--	-----	-*---	-----	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1336	$90AUG01X	W. Canada	*----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	----*	-----	-
1337	$90AUG02X	W. Canada	*----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	----*	-----	-
1338	$90AUG03X	W. Canada	*----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	----*	-----	-
1339	$90AUG05XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1340	$90AUG07XO	USNO NAVNET	-----	--*--	-----	-*---	---*-	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1341	$90AUG08X*	NGS NCMN	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	*----	-----	-----	-
1342	$90AUG08XS	Source Surv.	-----	----*	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1343	$90AUG09X*	NGS NCMN	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	*----	-----	-----	-
1344	$90AUG10XI	IRIS-A	-----	-----	---*-	-----	---*-	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1345	$90AUG11XP	IRIS-Pacific	-----	--*--	----*	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1346	$90AUG13XH	IRIS-South	-----	----*	-----	-----	---*-	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1347	$90AUG14XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1348	$90AUG15XI	IRIS-A	-----	-----	-----	-----	---*-	---*-	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1349	$90AUG16X	CDP Research	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1350	$90AUG20X	CDP Polar	-----	--**-	-*--*	-----	--*--	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1351	$90AUG20XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1352	$90AUG22XO	USNO NAVNET	-----	--*--	-----	-*---	---*-	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1353	$90AUG25XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1354	$90AUG28XO	USNO NAVNET	-----	--*--	-----	-*---	---*-	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1355	$90AUG30XI	IRIS-A	-----	-----	---*-	-----	---*-	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1356	$90SEP04XI	IRIS-A	-----	-----	-----	-----	---*-	---*-	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-

Table 2.1 (continued)

	Experiment name	Experiment type	ACDDD LHSSS GLSSS OB146 PO555 AL RT KN	EFGGH FDIOA L-LLR SVCDT BLRVR EBEEA RAENO G KU	HHHHK AAORA TYBAS CSASH RTR I EATOM EC283 KK654	KKKLM AAWAA SUA-R HAJVC IIALU M LBS A 2A 6	MMMMN AAEOO RTDJB PEIAE ORCVY IAIE N N16 T A2M	NNNOO ORRNV TAASR OOOAO 8L 15A1 4 63 0300	PRRSS IIOAE ECBNS THLTH OMEIA WODAN NN312 D225	SSUWW EHSEE SAUST TNDTT GAFZ H6OE A4RL I DL	ABBBB UELLR SRKOE TMBOS IUUMT NDTI TATN X ED	CCDEF AAELL RRAYA NRD G UOM S SLA T TGN A YAL F	FFFGG OOTOR RRDRA TT FS 077S OR91E RD00 DS02	HHJKL AOPOE LHLDO EE IN ANMAR KFVKD AR1 O LG K	MMMMM ACEII MDTLY M SEA 07HSZ T8OMA H5VOK LOINI	MMMNO IOOOC ZJNMO U ET S7P I G2E L S8A L I8K O	OPPPP VBEIL RLNNA OTFT 7SILT 8SCAV 5OTTI 3MNSL	PPPQS RTVUA E EIN SRRNP IEDCA DYEYU IES L OS A	SSSST EINOI ANDUT TTPRI TOODJ LTIOI EUNGM 1 THA	TTTVV RRSEI OYURC MSKNT SIUAO OLBLR NNA I OO A	VWYYY NHAEL DTKLO NHALW BOTO7 ERAW2 RSGK9 GEAN6	Y U M A
1357	$90SEP04XO	USNO NAVNET	-----	--*--	-----	-----	-----	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1358	$90SEP05X	Intra-Europe	----*	-----	-----	-----	-**--	*--*-	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1359	$90SEP06X	N. Am. Plate	-----	--*--	-----	-----	---*-	-*---	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1360	$90SEP08XP	IRIS-Pacific	-----	--*--	--*--	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1361	$90SEP09XI	IRIS-A	-----	-----	---*-	-----	---*-	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1362	$90SEP10X	CDP Research	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1363	$90SEP10XA	CDP PMS	-----	-----	--*-*	-*---	-----	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1364	$90SEP11XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1365	$90SEP13XS	Source Surv.	-----	----*	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1366	$90SEP14XI	IRIS-A	-----	-----	---*-	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1367	$90SEP19XI	IRIS-A	-----	-----	---*-	-----	---*-	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1368	$90SEP20XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1369	$90SEP24XI	IRIS-A	-----	-----	---*-	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1370	$90SEP25XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1371	$90SEP27XH	IRIS-South	-----	----*	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1372	$90SEP29XI	IRIS-A	-----	-----	---*-	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1373	$90OCT02XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1374	$90OCT04XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1375	$90OCT04XO	USNO NAVEX	-----	--*--	-----	-*---	-*---	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1376	$90OCT05XP	IRIS-Pacific	-----	--*--	--*-*	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1377	$90OCT07X	California	-----	--*--	*----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	---*-	-----	-----	-----	-
1378	$90OCT08X	California	-----	--*--	*----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	---*-	-----	-----	-----	-
1379	$90OCT09XI	IRIS-A	-----	-----	-----	-----	---*-	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1380	$90OCT10X	CDP Pacific	-----	--*--	*---*	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1381	$90OCT11XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1382	$90OCT14XI	IRIS-A	-----	-----	---*-	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1383	$90OCT15X	Western US	-----	-----	-----	-----	---*-	-----	-----	---*-	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1384	$90OCT15XS	Source Surv.	-----	----*	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1385	$90OCT16X	Western US	-----	-----	-----	-----	---*-	-----	-----	---*-	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1386	$90OCT16XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1387	$90OCT18XH	IRIS-South	-----	----*	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1388	$90OCT19XI	IRIS-A	-----	-----	---*-	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1389	$90OCT21X	Western US	-----	-----	*----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	---*-	-----	-
1390	$90OCT22X	Western US	-----	-----	*----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	---*-	-----	-
1391	$90OCT22XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1392	$90OCT24XI	IRIS-A	-----	-----	---*-	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1393	$90OCT25X	CDP Research	-----	--*--	-----	-----	---*-	-----	*----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1394	$90OCT27X	N. Am. Plate	-----	--*--	*----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	----*	-----	-----	-----	-----	-
1395	$90OCT28X	N. Am. Plate	-----	--*--	*----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	----*	-----	-----	-----	-----	-
1396	$90OCT29XI	IRIS-A	-----	-----	---*-	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-

Table 2.1 (continued)

	Experiment name	Experiment type	ACDDD LHSSS GLSSS OB146 PO555 AL RT KN	EFGGH FDIOA L-LLR SVCDT BLRVR EBEEA RAENO G KU	HHHHK AAORA TYBAS CSASH RTR I EATOM EC283 KK654	KKKLM AAWAA SUA-R HAJVC IIALU M LBS A 2A 6	MMMMN AAEOO RTDJB PEIAE ORCVY IAIE N N16 T A2M	NNNOO ORRNV TAASR OOOAO 8L 15A1 4 63 0300	PRRSS IIOAE ECBNS THLTH OMEIA WODAN NN312 D225	SSUWW EHSEE SAUST TNDTT GAFZ H60E A4RL I DL	ABBBB UELLR SRKOE TMBOS IUUMT NDTI TATN X ED	CCDEF AAELL RRAYA NRD G UOM S SLA T TGN A YAL F	FFFGG OOTOR RRDRA TT FS 077S OR91E RD00 DS02	HHJKL AOPOE LHLDO EE IN ANMAR KFVKD AR1 O LG K	MMMMM ACEII MDTLY M SEA O7HSZ T8OMA H5VOK LOINI	MMMNO IOOOC ZJNMO U ET S7P I G2E L S8A L I8K O	OPPPP VBEIL RLNNA OTFT 7SILT 8SCAV 5OTTI 3MNSL	PPPQS RTVUA E EIN SRRNP IEDCA DYEYU IES L OS A	SSSST EINOI ANDUT TTPRI TOODJ LTIOI EUNGM 1 THA	TTTVV RRSEI OYURC MSKNT SIUAO OLBLR NNA I OO A	VWYYY NHAEL DTKLO NHALW BOTO7 ERAW2 RSGK9 GEAN6	Y U M A
1397	$90OCT31XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1398	$90NOV03XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1399	$90NOV05X	Western US	-----	-----	*----	-----	---*-	-----	-----	---*-	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1400	$90NOV06X	Western US	-----	-----	*----	-----	---*-	-----	-----	---*-	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1401	$90NOV06XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1402	$90NOV07XS	Source Surv.	-----	----*	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1403	$90NOV08XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1404	$90NOV08XO	USNO NAVEX	-----	--*--	-----	-*---	-*---	--*--	-----	-----	-----	-----	-----	-----	-----	--*--	-----	-----	-----	-----	-----	-
1405	$90NOV10X	California	-----	-----	*----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	--*--	-----	-----	-----	-----	-----	-
1406	$90NOV11X	California	-----	-----	*----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1407	$90NOV13XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1408	$90NOV14XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1409	$90NOV17XP	IRIS-Pacific	-----	--*--	--*-*	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1410	$90NOV18XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1411	$90NOV20XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1412	$90NOV23XI	IRIS-A	-----	-----	-----	-----	---*-	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1413	$90NOV26XH	IRIS-South	-----	----*	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1414	$90NOV28XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1415	$90NOV28XO	USNO NAVNET	-----	--*--	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1416	$90NOV29X	CDP Research	-----	--*--	-----	-----	---*-	-----	*----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1417	$90DEC03XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1418	$90DEC03XO	USNO NAVEX	-----	--*--	-----	-*---	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1419	$90DEC05XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1420	$90DEC08XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1421	$90DEC10XH	IRIS-South	-----	----*	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1422	$90DEC11XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1423	$90DEC12XS	Source Surv.	-----	----*	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1424	$90DEC13XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1425	$90DEC14X	CDP Research	-----	--*--	-----	-----	---*-	-----	*----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1426	$90DEC17XP	IRIS-Pacific	-----	--*--	--*-*	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1427	$90DEC18XI	IRIS-A	-----	-----	-----	-----	---*-	*--*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1428	$90DEC18XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1429	$90DEC20X	Intra-Europe	----*	-----	-----	-----	-**--	*--*-	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1430	$90DEC23XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1431	$90DEC26X	CDP Pacific	---*-	--*--	-----	-*---	-----	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1432	$90DEC27XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1433	$90DEC28XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1434	$91JAN02XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1435	$91JAN03XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1436	$91JAN06X	Intra-Europe	----*	-----	-----	-----	-*---	---*-	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-

Table 2.1 (continued)

	Experiment name	Experiment type	ACDDD LHSSS GLSSS OB146 PO555 AL RT KN	EFGGH FDIOA L-LLR SVCDT BLRVR EBEEA RAENO G KU	HHHHK AAORA TYBAS CSASH RTR I EATOM EC283 KK654	KKKLM AAWAA SUA-R HAJVC IIALU M LBS A 2A 6	MMMMN AAEOO RTDJB PEIAE ORCVY IAIE N N16 T A2M	NNNOO ORRNV TAASR OOOAO 8L 15A1 4 63 0300	PRRSS IIOAE ECBNS THLTH OMEIA WODAN NN312 D225	SSUWW EHSEE SAUST TNDTT GAFZ H6OE A4RL I DL	ABBBB UELLR SRKOE TMBOS IUUMT NDTI TATN X ED	CCDEF AAELL RRAYA NRD G UOM S SLA T TGN A YAL F	FFFGG OOTOR RRDRA TT FS 077S OR91E RD00 DS02	HHJKL AOPOE LHLDO EE IN ANMAR KFVKD AR1 O LG K	MMMMM ACEII MDTLY M SEA O7HSZ T8OMA H5VOK LOINI	MMMNO IOOOC ZJNMO U ET S7P I G2E L S8A L I8K O	OPPPP VBEIL RLNNA OTFT 7SILT 8SCAV 5OTTI 3MNSL	PPPQS RTVUA E EIN SRRNP IEDCA DYEYU IES L OS A	SSSST EINOI ANDUT TTPRI TOODJ LTIOI EUNGM 1 THA	TTTVV RRSEI OYURC MSKNT SIUAO OLBLR NNA I OO A	VWYYY NHAEL DTKLO NHALW BOTO7 ERAW2 RSGK9 GEAN6	Y U M A
1437	$91JAN07XI	IRIS-A	-----	-----	-----	-----	---*-	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1438	$91JAN08XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1439	$91JAN09XS	Source Surv.	-----	----*	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1440	$91JAN10XP	IRIS-Pacific	-----	--*--	--*--	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1441	$91JAN12XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1442	$91JAN15XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1443	$91JAN16XH	IRIS-South	-----	----*	-----	-----	---*-	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1444	$91JAN17XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1445	$91JAN22XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1446	$91JAN22XO	USNO NAVEX	-----	--*--	-----	-*---	-*---	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1447	$91JAN23XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1448	$91JAN27XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1449	$91JAN28XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1450	$91JAN30X	CDP Research	-----	--*--	-----	-----	---*-	-----	*----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1451	$91FEB01XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1452	$91FEB04X	CDP Pacific	-----	--*--	-----	**---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1453	$91FEB06XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1454	$91FEB07XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1455	$91FEB11XI	IRIS-A	-----	-----	-----	-----	---*-	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1456	$91FEB11XO	USNO NAVEX	-----	--*--	-----	-*---	-*---	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1457	$91FEB11XS	Source Surv.	-----	----*	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1458	$91FEB12X	CDP Research	-----	--*--	-----	-*---	---*-	-----	*----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1459	$91FEB13XH	IRIS-South	-----	----*	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1460	$91FEB13XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1461	$91FEB16XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1462	$91FEB19XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1463	$91FEB21XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1464	$91FEB24XP	IRIS-Pacific	-----	--*--	--*-*	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1465	$91FEB26XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1466	$91FEB27XO	USNO NAVNET	-----	--*--	-----	-*---	-----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1467	$91MAR03XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1468	$91MAR06XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1469	$91MAR08XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1470	$91MAR11XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1471	$91MAR12XE	CDP Research	-----	--*--	-----	-*---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1472	$91MAR13XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1473	$91MAR13XO	USNO NAVEX	-----	--*--	-----	-*---	-*---	*-*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1474	$91MAR14X	CDP Research	-----	--*--	-----	-*---	---*-	-----	*----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1475	$91MAR15XP	IRIS-Pacific	-----	--*--	-----	*----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1476	$91MAR18XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-

Table 2.1 (continued)

	Experiment name	Experiment type	ACDDD LHSSS GLSSS OB146 PO555 AL RT KN	EFGGH FDIOA L-LLR SVCDT BLRVR EBEEA RAENO G KU	HHHHK AAORA TYBAS CSASH RTR I EATOM EC283 KK654	KKKLM AAWAA SUA-R HAJVC IIALU M LBS A 2A 6	MMMMN AAEOO RTDJB PEIAE ORCVY IAIE N N16 T A2M	NNNOO ORRNV TAASR OOOAO 8L 15A1 4 63 0300	PRRSS IIOAE ECBNS THLTH OMEIA WODAN NN312 D225	SSUWW EHSEE SAUST TNDTT GAFZ H6OE A4RL I DL	ABBBB UELLR SRKOE TMBOS IUUMT NDTI TATN X ED	CCDEF AAELL RRAYA NRD G UOM S SLA T TGN A YAL F	FFFGG OOTOR RRDRA TT FS 077S OR91E RD00 DS02	HHJKL AOPOE LHLDO EE IN ANMAR KFVKD AR1 O LG K	MMMMM ACEII MDTLY M SEA O7HSZ T8OMA H5VOK LOINI	MMMNO IOOOC ZJNMO U ET S7P I G2E L S8A L I8K O	OPPPP VBEIL RLNNA OTFT 7SILT 8SCAV 5OTTI 3MNSL	PPPQS RTVUA E EIN SRRNP IEDCA DYEYU IES L OS A	SSSST EINOI ANDUT TTPRI TOODJ LTIOI EUNGM 1 THA	TTTVV RRSEI OYURC MSKNT SIUAO OLBLR NNA I OO A	VWYYY NHAEL DTKLO NHALW BOTO7 ERAW2 RSGK9 GEAN6	Y U M A
1477	$91MAR20XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1478	$91MAR23XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1479	$91MAR24X	CDP Pacific	---*-	--*--	--*-*	-*---	-----	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1480	$91MAR25XH	IRIS-South	-----	----*	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1481	$91MAR28X	CDP Polar	-----	--**-	-*---	-----	--*--	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1482	$91MAR28XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1483	$91APR01XP	IRIS-Pacific	-----	--*--	----*	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1484	$91APR02XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1485	$91APR02XO	USNO NAVEX	-----	--*--	-----	-*---	-*---	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1486	$91APR03XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1487	$91APR07XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1488	$91APR09XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1489	$91APR12XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1490	$91APR15X	CDP T. Asia	---*-	----*	--*-*	-----	-----	-----	----*	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1491	$91APR15XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1492	$91APR16XT	Local Survey	-----	-*---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1493	$91APR17XI	IRIS-A	-----	-----	-----	-----	---*-	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1494	$91APR18X	CDP Research	-----	--*--	-----	-*---	---*-	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1495	$91APR22XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1496	$91APR23XH	IRIS-South	-----	----*	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1497	$91APR25XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1498	$91APR29XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1499	$91MAY02XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1500	$91MAY06XI	IRIS-A	-----	-----	-----	-----	---*-	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1501	$91MAY07XH	IRIS-South	-----	----*	-----	-----	---*-	*----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1502	$91MAY07XO	USNO NAVEX	-----	--*--	-----	-*---	-*---	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1503	$91MAY09XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1504	$91MAY13XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1505	$91MAY14XP	IRIS-Pacific	-----	--*--	--*-*	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1506	$91MAY15XS	Source Surv.	-----	----*	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1507	$91MAY16X	Local Survey	-----	-*---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1508	$91MAY16XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1509	$91MAY20XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1510	$91MAY21X	CDP Research	-----	--*--	-----	-*-*-	---*-	-----	*----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1511	$91MAY23XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1512	$91MAY27XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1513	$91MAY30X	Local Survey	-----	-*---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1514	$91MAY30XO	USNO NAVNET	-----	--*--	-----	-*---	-----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1515	$91JUN03X	CDP Pacific	---*-	--*--	-----	**---	-----	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1516	$91JUN03XI	IRIS-A	-----	-----	-----	-----	---*-	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-

Table 2.1 (continued)

	Experiment name	Experiment type	ACDDD LHSSS GLSSS OB146 PO555 AL RT KN	EFGGH FDIOA L-LLR SVCDT BLRVR EBEEA RAENO G KU	HHHHK AAORA TYBAS CSASH RTR I EATOM EC283 KK654	KKKLM AAWAA SUA-R HAJVC IIALU M LBS A 2A 6	MMMMN AAEOO RTDJB PEIAE ORCVY IAIE N N16 T A2M	NNNOO ORRNV TAASR OOOAO 8L 15A1 4 63 0300	PRRSS IIOAE ECBNS THLTH OMEIA WODAN NN312 D225	SSUWW EHSEE SAUST TNDTT GAFZ H6OE A4RL I DL	ABBBB UELLR SRKOE TMBOS IUUMT NDTI TATN X ED	CCDEF AAELL RRAYA NRD G UOM S SLA T TGN A YAL F	FFFGG OOTOR RRDRA TT FS 077S OR91E RD00 DS02	HHJKL AOPOE LHLDO EE IN ANMAR KFVKD AR1 O LG K	MMMMM ACEII MDTLY M SEA O7HSZ T8OMA H5VOK LOINI	MMMNO IOOOC ZJNMO U ET S7P I G2E L S8A L I8K O	OPPPP VBEIL RLNNA OTFT 7SILT 8SCAV 5OTTI 3MNSL	PPPQS RTVUA E EIN SRRNP IEDCA DYEYU IES L OS A	SSSST EINOI ANDUT TTPRI TOODJ LTIOI EUNGM 1 THA	TTTVV RRSEI OYURC MSKNT SIUAO OLBLR NNA I OO A	VWYYY NHAEL DTKLO NHALW BOTO7 ERAW2 RSGK9 GEAN6	Y U M A
1517	$91JUN04X	Local Survey	-----	-*---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1518	$91JUN06XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1519	$91JUN10XI	IRIS-A	*----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1520	$91JUN11XH	IRIS-South	-----	----*	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1521	$91JUN11XO	USNO NAVEX	*----	--*--	-----	-*---	-*---	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1522	$91JUN13XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1523	$91JUN17XI	IRIS-A	*----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1524	$91JUN20XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1525	$91JUN24XI	IRIS-A	*----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1526	$91JUN24XS	Source Surv.	-----	----*	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1527	$91JUN25XP	IRIS-Pacific	-----	--*--	--*--	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1528	$91JUN27XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1529	$91JUN28X	CDP Research	-----	--*--	-----	-*-*-	---*-	-----	*----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1530	$91JUN30X	W. Canada	*----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	----*	-
1531	$91JUL01XI	IRIS-A	-----	-----	-----	-----	---*-	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1532	$91JUL02XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1533	$91JUL08XI	IRIS-A	*----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1534	$91JUL08XS	Source Surv.	-----	----*	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1535	$91JUL09XP	IRIS-Pacific	-----	--*--	--*-*	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1536	$91JUL10X	CDP Research	-----	--*--	-----	-*-*-	---*-	-----	*----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1537	$91JUL11XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1538	$91JUL12X	MOBL 91A	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-*---	-----	-----	----*	-
1539	$91JUL13X	MOBL 91A	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-*---	-----	-----	----*	-
1540	$91JUL15XI	IRIS-A	*----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1541	$91JUL16XH	IRIS-South	-----	----*	-----	-----	---*-	*----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1542	$91JUL16XO	USNO NAVEX	*----	--*--	-----	-*---	-*---	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1543	$91JUL17X	MOBL 91B	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	*----	-----	-----	----*	-
1544	$91JUL18X	CDP T. Asia	---*-	----*	--*-*	-----	-----	-----	----*	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1545	$91JUL18XA	MOBL 91B	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	*----	-----	-----	----*	-
1546	$91JUL19XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1547	$91JUL21XI	IRIS-A	*----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1548	$91JUL22X	MOBL 91C	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	----*	-
1549	$91JUL23X	MOBL 91C	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	----*	-
1550	$91JUL25XO	USNO NAVNET	-----	--*--	-----	-*---	-----	-----	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1551	$91JUL27X	MOBL 91D	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	-
1552	$91JUL28X	MOBL 91D	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	-
1553	$91JUL29XI	IRIS-A	*----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1554	$91JUL30X	N. Am. Plate	-----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1555	$91AUG01XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1556	$91AUG02X	W. Canada	*----	--*--	-----	-----	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-

Table 2.1 (continued)

	Experiment name	Experiment type	ACDDD LHSSS GLSSS OB146 PO555 AL RT KN	EFGGH FDIOA L-LLR SVCDT BLRVR EBEEA RAENO G KU	HHHHK AAORA TYBAS CSASH RTR I EATOM EC283 KK654	KKKLM AAWAA SUA-R HAJVC IIALU M LBS A 2A 6	MMMMN AAEOO RTDJB PEIAE ORCVY IAIE N N16 T A2M	NNNOO ORRNV TAASR OOOAO 8L 15A1 4 63 0300	PRRSS IIOAE ECBNS THLTH OMEIA WODAN NN312 D225	SSUWW EHSEE SAUST TNDTT GAFZ H60E A4RL I DL	ABBBB UELLR SRKOE TMBOS IUUMT NDTI TATN X ED	CCDEF AAELL RRAYA NRD G UOM S SLA T TGN A YAL F	FFFGG OOTOR RRDRA TT FS 077S OR91E RD00 DS02	HHJKL AOPOE LHLDO EE IN ANMAR KFVKD AR1 O LG K	MMMMM ACEII MDTLY M SEA 07HSZ T80MA H5VOK L0INI	MMMNO IOOOC ZJNMO U ET S7P I G2E L S8A L I8K O	OPPPP VBEIL RLNNA OTFT 7SILT 8SCAV 50TTI 3MNSL	PPPQS RTVUA E EIN SRRNP IEDCA DYEYU IES L OS A	SSSST EINOI ANDUT TTPRI TOODJ LTIOI EUNGM 1 THA	TTTVV RRSEI OYURC MSKNT SIUAO OLBLR NNA I OO A	VWYYY NHAEL DTKLO NHALW BOTO7 ERAW2 RSGK9 GEAN6	Y U M A
1557	$91AUG03X	N. Am. Plate	*----	--*--	-----	-----	---*-	-----	-*---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	----*	-
1558	$91AUG05XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1559	$91AUG06XH	IRIS-South	-----	----*	-----	-----	---*-	*----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1560	$91AUG06XO	USNO NAVEX	*----	--*--	-----	-*---	-*---	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1561	$91AUG08XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1562	$91AUG12X	CDP Polar	-----	--**-	-*---	*----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1563	$91AUG12XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1564	$91AUG15XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1565	$91AUG16X	CDP Research	-----	-----	-----	-----	---*-	--*--	-*---	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-
1566	$91AUG19XI	IRIS-A	-----	-----	-----	-----	---*-	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1567	$91AUG20XP	IRIS-Pacific	-----	--*--	--*--	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1568	$91AUG21X	CDP Research	-----	--*--	-----	-*---	---*-	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1569	$91AUG21XS	Source Surv.	-----	----*	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1570	$91AUG22XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1571	$91AUG25X	CDP Pacific	---*-	--*--	----*	-*---	-----	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1572	$91AUG26XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1573	$91AUG26XO	USNO NAVEX	-----	--*--	-----	-*---	-----	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1574	$91AUG29XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1575	$91SEP02XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1576	$91SEP04XH	IRIS-South	-----	----*	-----	-----	---*-	*----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1577	$91SEP04XO	USNO NAVEX	-----	--*--	-----	-*---	-*---	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1578	$91SEP05XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1579	$91SEP06X	CDP Research	-----	--*--	-----	-*-*-	---*-	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1580	$91SEP08X	Intra-Europe	----*	-----	-----	-----	-**--	*--*-	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1581	$91SEP09XI	IRIS-A	-----	-----	-----	-----	---*-	---*-	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1582	$91SEP09XS	Source Surv.	-----	----*	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1583	$91SEP12XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1584	$91SEP13X	CDP Research	-----	-----	-----	-----	---*-	--*--	-*---	---*-	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-
1585	$91SEP16XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1586	$91SEP19XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1587	$91SEP23XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1588	$91SEP24XO	USNO NAVEX	-----	--*--	-----	-*---	-----	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1589	$91SEP25XP	IRIS-Pacific	-----	--*--	--*--	-*---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1590	$91SEP26XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1591	$91SEP30XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1592	$91OCT02XP	IRIS-Pacific	-----	--*--	-----	-*---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1593	$91OCT03XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1594	$91OCT07X	CDP T. Asia	---*-	----*	-----	-----	--*--	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1595	$91OCT07XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1596	$91OCT10XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-

Table 2.1 (continued)

	Experiment name	Experiment type	ACDDD LHSSS GLSSS OB146 PO555 AL RT KN	EFGGH FDIOA L-LLR SVCDT BLRVR EBEEA RAENO G KU	HHHHK AAORA TYBAS CSASH RTR I EATOM EC283 KK654	KKKLM AAWAA SUA-R HAJVC IIALU M LBS A 2A 6	MMMMN AAEOO RTDJB PEIAE ORCVY IAIE N N16 T A2M	NNNOO ORRNV TAASR OOOAO 8L 15A1 4 63 0300	PRRSS IIOAE ECBNS THLTH OMEIA WODAN NN312 D225	SSUWW EHSEE SAUST TNDTT GAFZ H6OE A4RL I DL	ABBBB UELLR SRKOE TMBOS IUUMT NDTI TATN X ED	CCDEF AAELL RRAYA NRD G UOM S SLA T TGN A YAL F	FFFGG OOTOR RRDRA TT FS 077S OR91E RD00 DS02	HHJKL AOPOE LHLDO EE IN ANMAR KFVKD AR1 O LG K	MMMMM ACEII MDTLY M SEA O7HSZ T8OMA H5VOK LOINI	MMMNO IOOOC ZJNMO U ET S7P I G2E L S8A L I8K O	OPPPP VBEIL RLNNA OTFT 7SILT 8SCAV 5OTTI 3MNSL	PPPQS RTVUA E EIN SRRNP IEDCA DYEYU IES L OS A	SSSST EINOI ANDUT TTPRI TOODJ LTIOI EUNGM 1 THA	TTTVV RRSEI OYURC MSKNT SIUAO OLBLR NNA I OO A	VWYYY NHAEL DTKLO NHALW BOTO7 ERAW2 RSGK9 GEAN6	Y U M A
1597	$91OCT14XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1598	$91OCT15X	CDP Research	-----	--*--	-----	-*-*-	---*-	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1599	$91OCT16X	CDP Research	-----	--*--	-----	-*-*-	---*-	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1600	$91OCT17XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1601	$91OCT18X	CDP Research	-----	--*--	-----	-*-*-	---*-	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1602	$91OCT20X	CDP Research	-----	--*--	-----	-*-*-	---*-	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1603	$91OCT21XI	IRIS-A	-----	-----	-----	-----	-*-*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1604	$91OCT22X	CDP Research	-----	--*--	-----	-*-*-	---*-	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1605	$91OCT23X	CDP Research	-----	-----	-----	---*-	---*-	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1606	$91OCT24XO	USNO NAVNET	-----	-----	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1607	$91OCT25X	N. Am. Plate	-----	-----	-----	-----	---*-	-**--	-*---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1608	$91OCT28XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1609	$91OCT29XH	IRIS-South	-----	----*	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1610	$91OCT29XO	USNO NAVEX	-----	--*--	-----	-*---	-*---	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1611	$91OCT31XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1612	$91NOV01X	CDP Research	-----	--*--	-----	-*-*-	---*-	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1613	$91NOV04XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1614	$91NOV07XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1615	$91NOV08X*	Europe Mobl.	-----	--*--	-----	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-*---	-----	-
1616	$91NOV11XI	IRIS-A	-----	-----	-----	-----	-----	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1617	$91NOV12XH	IRIS-South	-----	----*	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1618	$91NOV12XO	USNO NAVEX	-----	--*--	-----	-*---	-*---	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1619	$91NOV14XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1620	$91NOV15X*	Europe Mobl.	-----	--*--	-----	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-*---	-----	-
1621	$91NOV18XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1622	$91NOV19XO	USNO NAVEX	-----	----*	-----	-----	-*---	--*--	-*---	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1623	$91NOV19XP	IRIS-Pacific	-----	--*--	--*--	-*---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1624	$91NOV20XS	Source Surv.	-----	----*	--*--	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1625	$91NOV21X	CDP Global	-----	-----	-----	-----	---*-	-----	---*-	---**	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-
1626	$91NOV21XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1627	$91NOV24DX	Japan GSI	-----	--*--	-----	*----	-----	-----	-----	-----	-----	-----	-----	-----	-----	*----	-----	-----	-----	-----	-----	-
1628	$91NOV25XI	IRIS-A	-----	-----	-----	-----	-*-*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1629	$91NOV26XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1630	$91DEC01X	Intra-Europe	----*	*----	-----	-----	-**--	-----	-----	----*	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1631	$91DEC02XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1632	$91DEC03XP	IRIS-Pacific	-----	--*--	--*--	-*---	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1633	$91DEC04X	CDP Research	-----	--*--	-----	-*-*-	---*-	-----	*----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1634	$91DEC05XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1635	$91DEC09XI	IRIS-A Eur.	-----	--*--	-----	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-*---	-----	-
1636	$91DEC10X	CDP Polar	---*-	----*	--*--	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-

Table 2.1 (continued)

	Experiment name	Experiment type	ACDDD LHSSS GLSSS OB146 PO555 AL RT KN	EFGGH FDIOA L-LLR SVCDT BLRVR EBEEA RAENO G KU	HHHHK AAORA TYBAS CSASH RTR I EATOM EC283 KK654	KKKLM AAWAA SUA-R HAJVC IIALU M LBS A 2A 6	MMMMN AAEOO RTDJB PEIAE ORCVY IAIE N N16 T A2M	NNNOO ORRNV TAASR OOOAO 8L 15A1 4 63 0300	PRRSS IIOAE ECBNS THLTH OMEIA WODAN NN312 D225	SSUWW EHSEE SAUST TNDTT GAFZ H6OE A4RL I DL	ABBBB UELLR SRKOE TMBOS IUUMT NDTI TATN X ED	CCDEF AAELL RRAYA NRD G UOM S SLA T TGN A YAL F	FFFGG OOTOR RRDRA TT FS 077S OR91E RD00 DS02	HHJKL AOPOE LHLDO EE IN ANMAR KFVKD AR1 O LG K	MMMMM ACEII MDTLY M SEA O7HSZ T8OMA H5VOK LOINI	MMMNO IOOOC ZJNMO U ET S7P I G2E L S8A L I8K O	OPPPP VBEIL RLNNA OTFT 7SILT 8SCAV 5OTTI 3MNSL	PPPQS RTVUA E EIN SRRNP IEDCA DYEYU IES L OS A	SSSST EINOI ANDUT TTPRI TOODJ LTIOI EUNGM 1 THA	TTTVV RRSEI OYURC MSKNT SIUAO OLBLR NNA I OO A	VWYYY NHAEL DTKLO NHALW BOTO7 ERAW2 RSGK9 GEAN6	Y U M A
1637	$91DEC11XH	IRIS-South	-----	----*	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1638	$91DEC11XO	USNO NAVEX	-----	--*--	-----	-*---	-*---	--*--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1639	$91DEC12XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1640	$91DEC14X*	Europe Mobl.	-----	--*--	-----	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-*---	-----	-
1641	$91DEC16XI	IRIS-A	-----	-----	-----	-----	-*-*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1642	$91DEC17X	CDP Global	-----	--*-*	--*-*	-*---	-----	-----	---**	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1643	$91DEC18X	CDP Global	-----	--*-*	--*-*	-*---	-----	-----	---**	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1644	$91DEC19XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-*---	-----	-
1645	$91DEC20X*	Europe Mobl.	-----	--*--	-----	-----	-----	-----	-----	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1646	$91DEC23XI	IRIS-A	-----	-----	-----	-----	---*-	-----	-*---	---**	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1647	$91DEC26XO	USNO NAVNET	-----	--*--	-----	-*---	-----	--*--	-*---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-
1648	$91DEC30XI	IRIS-A Eur.	-----	--*--	-----	-----	-----	-----	-----	---*-	-----	-----	-----	-----	-----	-----	-----	-----	-----	-*---	-----	-

3.0 Source Coordinates from Solution GLB867

Table 3.1 gives the estimated positions of the observed extragalactic radio sources. One-sigma standard statistical errors are given in units of seconds of time for right ascension and arcseconds for declination. The right ascension of 0420-014 was fixed at the indicated value in order to establish the right ascension origin in the celestial reference frame.

Table 3.1

VLBI Source Positions from GLB867

Source Name	Right Ascension				Declination			
	Hr	Mn	Seconds	Uncert.	Deg	Mn	Seconds	Uncert.
0016+731	00	19	45.785518	.000021	73	27	30.01689	.00009
0039+230	00	42	4.544937	.000062	23	20	1.06172	.00083
0048-097	00	50	41.317288	.000003	-09	29	5.20943	.00011
0104-408	01	06	45.107956	.000029	-40	34	19.95896	.00098
0106+013	01	08	38.770938	.000001	01	35	.31786	.00010
0112-017	01	15	17.099715	.000047	-01	27	4.57645	.00064
0119+041	01	21	56.861546	.000001	04	22	24.73535	.00010
0123+257	01	26	42.792384	.000066	25	59	1.30172	.00091
0133+476	01	36	58.594439	.000009	47	51	29.10074	.00011
0146+056	01	49	22.370626	.000111	05	55	53.57050	.00136
0148+274	01	51	27.145920	.000054	27	44	41.79429	.00054
0149+218	01	52	18.058885	.000072	22	07	7.69925	.00078
0201+113	02	03	46.656875	.000012	11	34	45.41077	.00026
0202+149	02	04	50.413715	.000004	15	14	11.04458	.00011
0202+319	02	05	4.929047	.004025	32	12	30.10000	.00811
0208-512	02	10	46.200552	.000013	-51	01	1.88998	.00015
0212+735	02	17	30.812467	.000021	73	49	32.62292	.00009
0215+015	02	17	48.954565	.000049	01	44	49.70112	.00059
4C67.05	02	28	50.050855	.000021	67	21	3.03057	.00015
0229+131	02	31	45.893876	.000002	13	22	54.71808	.00010
0234+285	02	37	52.405427	.000003	28	48	8.99169	.00009
0235+164	02	38	38.929905	.000003	16	36	59.27642	.00011
0237-233	02	40	8.174355	.000045	-23	09	15.72646	.00155
0256+075	02	59	27.076451	.000019	07	47	39.64519	.00054
0300+470	03	03	35.241876	.000007	47	16	16.27734	.00009
0308-611	03	09	56.099351	.000029	-60	58	39.05375	.00022
3C84	03	19	48.159784	.000008	41	30	42.10443	.00012
NRAO140	03	36	30.107384	.000013	32	18	29.34469	.00022
CTA26	03	39	30.937662	.000007	-01	46	35.80133	.00019
NRAO150	03	59	29.746926	.000008	50	57	50.16414	.00010
0402-362	04	03	53.749902	.000011	-36	05	1.90967	.00052
0420-014	04	23	15.800590	.000000	-01	20	33.06182	.00010
0422+004	04	24	46.841544	.000665	00	36	6.32283	.00681
3C120	04	33	11.095325	.000021	05	21	15.62206	.00055
0434-188	04	37	1.482613	.000011	-18	44	48.60893	.00032
0454-234	04	57	3.179133	.000003	-23	24	52.01592	.00011
0458-020	05	01	12.809751	.000005	-01	59	14.25227	.00020
0530-727	05	29	30.042400	.000055	-72	45	28.50392	.00027
0528+134	05	30	56.416596	.000002	13	31	55.15323	.00010
0537-441	05	38	50.361477	.000010	-44	05	8.93508	.00017

Table 3.1 (continued)

VLBI Source Positions from GLB867

Source Name	Right Ascension				Declination			
	Hr	Mn	Seconds	Uncert.	Deg	Mn	Seconds	Uncert.
0537-286	05	39	54.281363	.000034	-28	39	55.94316	.00047
0552+398	05	55	30.805416	.000005	39	48	49.16853	.00009
0637-752	06	35	46.507868	.000033	-75	16	16.81163	.00014
0636+680	06	42	4.257264	.000083	67	58	35.62408	.00056
0642+449	06	46	32.025895	.000020	44	51	16.59323	.00031
0657+172	07	00	1.525404	.000005	17	09	21.70552	.00013
0716+714	07	21	53.448360	.000027	71	20	36.36690	.00013
0723-008	07	25	50.640351	.000653	-00	54	56.53248	.01021
0727-115	07	30	19.112329	.000001	-11	41	12.59604	.00010
0733-174	07	35	45.781446	.024735	-17	35	50.80319	1.18912
0735+178	07	38	7.393639	.000003	17	42	19.00221	.00010
0742+103	07	45	33.059382	.000002	10	11	12.69655	.00010
0743-006	07	45	54.082336	.000496	-00	44	17.53431	.00764
0745+241	07	48	36.109171	.000007	24	00	24.11382	.00013
0748+126	07	50	52.046084	.000299	12	31	4.83915	.00440
0754+100	07	57	6.643080	.000237	09	56	34.85857	.00328
0814+425	08	18	15.999562	.000009	42	22	45.41856	.00011
0820+560	08	24	47.236298	.000049	55	52	42.67327	.00034
0823+033	08	25	50.338242	.000002	03	09	24.52410	.00010
OJ287	08	54	48.874831	.000003	20	06	30.64439	.00009
0859+470	09	03	3.990093	.000012	46	51	4.14063	.00017
0919-260	09	21	29.353648	.000007	-26	18	43.38198	.00024
4C39.25	09	27	3.013868	.000005	39	02	20.85506	.00009
0925-203	09	27	51.824136	.000027	-20	34	51.22912	.00098
OK290	09	56	49.875316	.000004	25	15	16.05265	.00011
0954+658	09	58	47.245324	.000014	65	33	54.82076	.00009
1034-293	10	37	16.079497	.000005	-29	34	2.81010	.00011
1038+52A	10	41	46.781774	.000035	52	33	28.23300	.00048
1055+018	10	58	29.605089	.000002	01	33	58.82618	.00011
1057-797	10	58	43.308529	.000055	-80	03	54.15758	.00014
1104-445	11	07	8.693827	.000013	-44	49	7.61637	.00017
1123+264	11	25	53.711892	.000008	26	10	19.98053	.00017
1124-186	11	27	4.392238	.000008	-18	57	17.43971	.00033
1127-145	11	30	7.056113	.001572	-14	49	27.35547	.01274
1144+402	11	46	58.297971	.000006	39	58	34.30602	.00010
1144-379	11	47	1.370375	.000031	-38	12	11.02129	.00082
1150+812	11	53	12.500441	.000079	80	58	29.15541	.00021
1156+295	11	59	31.833907	.000004	29	14	43.82824	.00010
1219+285	12	21	31.690549	.000017	28	13	58.50156	.00061
1222+037	12	24	52.421771	.000015	03	30	50.29455	.00045

Table 3.1 (continued)

VLBI Source Positions from GLB867

Source Name	Right Ascension				Declination			
	Hr	Mn	Seconds	Uncert.	Deg	Mn	Seconds	Uncert.
3C273B	12	29	6.699605	.000001	02	03	8.59964	.00010
3C274	12	30	49.423301	.000045	12	23	28.04599	.00050
1244-255	12	46	46.801803	.000013	-25	47	49.28771	.00048
3C279	12	56	11.166356	.000003	-05	47	21.52332	.00012
1308+326	13	10	28.663887	.000005	32	20	43.78312	.00010
1313-333	13	16	7.985648	.000051	-33	38	59.16933	.00220
3C286	13	31	8.228184	.001982	30	30	34.44441	.85338
1334-127	13	37	39.782594	.000002	-12	57	24.69255	.00010
1351-018	13	54	6.895164	.000167	-02	06	3.19031	.00057
1354+195	13	57	4.436616	.000005	19	19	7.37167	.00012
1354-152	13	57	11.244767	.000011	-15	27	28.78497	.00050
OQ208	14	07	.394404	.000003	28	27	14.68938	.00009
1418+546	14	19	46.597594	.000010	54	23	14.78627	.00010
1424-418	14	27	56.297198	.000011	-42	06	19.43806	.00018
OQ172	14	45	16.465251	.000064	09	58	36.07202	.00041
1502+106	15	04	24.979697	.000002	10	29	39.19738	.00010
1510-089	15	12	50.532770	.000003	-09	05	59.83045	.00012
1519-273	15	22	37.675778	.000012	-27	30	10.78581	.00079
1548+056	15	50	35.269137	.000002	05	27	10.44655	.00010
1606+106	16	08	46.203071	.000007	10	29	7.77390	.00016
CTD93	16	09	13.321256	.001100	26	41	28.99267	.03118
1611+343	16	13	41.064235	.000004	34	12	47.90675	.00009
1614+051	16	16	37.556723	.000028	04	59	32.73493	.00035
1610-771	16	17	49.275719	.000047	-77	17	18.47002	.00017
1622-253	16	25	46.891433	.000004	-25	27	38.32830	.00011
1624+416	16	25	57.669037	.000699	41	34	40.62728	.00166
1633+38	16	35	15.492954	.000005	38	08	4.49814	.00009
1637+574	16	38	13.456404	.000010	57	20	23.97653	.00010
NRAO512	16	40	29.632513	.000372	39	46	46.02600	.00087
1642+690	16	42	7.848740	.000019	68	56	39.75375	.00011
3C345	16	42	58.809945	.000005	39	48	36.99142	.00009
DA426	16	53	52.217040	.000881	39	45	36.60462	.00298
1656+053	16	58	33.447214	.000024	05	15	16.44151	.00042
NRAO530	17	33	2.705627	.000003	-13	04	49.55044	.00010
1739+522	17	40	36.977835	.000008	52	11	43.40452	.00009
1741-038	17	43	58.856006	.000001	-03	50	4.61913	.00010
1749+701	17	48	32.840109	.000133	70	05	50.76561	.00057
1749+096	17	51	32.818459	.000002	09	39	.72573	.00010
1803+784	18	00	45.684110	.000029	78	28	4.01524	.00009
3C371	18	06	50.680877	.000433	69	49	28.10597	.00133

Table 3.1 (continued)

VLBI Source Positions from GLB867

Source Name	Right Ascension				Declination			
	Hr	Mn	Seconds	Uncert.	Deg	Mn	Seconds	Uncert.
1815-553	18	19	45.399338	.000021	-55	21	20.74832	.00020
1823+568	18	24	7.068310	.000015	56	51	1.48779	.00014
1831-711	18	37	28.715437	.000475	-71	08	43.55650	.00237
3C390.3	18	42	8.990831	.000550	79	46	17.12463	.00085
1921-293	19	24	51.055827	.000004	-29	14	30.12312	.00011
1923+210	19	25	59.605249	.000009	21	06	26.15893	.00020
1928+738	19	27	48.495045	.000026	73	58	1.56672	.00011
1954+513	19	55	42.738086	.000022	51	31	48.54299	.00021
1958-179	20	00	57.090327	.000003	-17	48	57.67485	.00012
2000-330	20	03	24.116293	.000412	-32	51	45.13077	.00675
2007+777	20	05	30.997359	.001261	77	52	43.24456	.00189
2008-159	20	11	15.710803	.000077	-15	46	40.25815	.00408
3C418	20	38	37.034527	.000009	51	19	12.65964	.00010
2113+293	21	15	29.413259	.000010	29	33	38.36425	.00027
2121+053	21	23	44.517240	.000001	05	35	22.09095	.00010
2126-158	21	29	12.175741	.000043	-15	38	41.04126	.00078
2128-123	21	31	35.261626	.000003	-12	07	4.79840	.00012
2134+00	21	36	38.586183	.000002	00	41	54.21158	.00011
2144+092	21	47	10.162755	.000259	09	29	46.66800	.00307
2145+067	21	48	5.458525	.000001	06	57	38.60212	.00010
2155-152	21	58	6.281737	.000027	-15	01	9.33033	.00051
VR422201	22	02	43.291112	.000006	42	16	39.97767	.00009
2201+315	22	03	14.975560	.000004	31	45	38.26766	.00010
2216-038	22	18	52.037607	.000001	-03	35	36.88090	.00010
CTA102	22	32	36.408739	.000005	11	43	50.90257	.00013
2234+282	22	36	22.470650	.000003	28	28	57.41156	.00009
2243-123	22	46	18.231882	.000008	-12	06	51.27841	.00027
3C454.3	22	53	57.747753	.000002	16	08	53.55937	.00009
2253+417	22	55	36.707554	.000019	42	02	52.53107	.00034
2255-282	22	58	5.962852	.000004	-27	58	21.25710	.00011
2326-477	23	29	17.704430	.000019	-47	30	19.11516	.00035
2345-167	23	48	2.608460	.000005	-16	31	12.02204	.00013
2352+495	23	55	9.594040	.004804	49	50	9.43609	.93849
2355-534	23	57	53.266264	.000036	-53	11	13.68972	.00051
2355-106	23	58	10.882316	.000006	-10	20	8.61063	.00031

4.0 Site Positions and Velocities from Solution GLB867

Table 4.1 gives geocentric Cartesian positions in mm, velocities in mm/yr, 1-σ standard statistical errors, and their correlations (in lower triangular form) for each site in the VLBI reference frame at the site reference epoch January 1, 1988. Some site velocities were not adjusted because of insufficient data, the corresponding velocity errors for these sites are zero.

The positions for HRAS 085 for every two months from April 1980 through July 1990 are given in Table 4.2. The continuous piecewise-linear method used to estimate these positions is described in the text. As no velocities were estimated for HRAS 085 only positions and their errors are shown.

Table 4.3 gives total site velocities and 1-σ standard statistical errors in local East, North, and Up coordinates as well as the corresponding horizontal rates and azimuths for each site from GLB867. These velocities, rates, and azimuths are also given as corrections relative to NUVEL. The length, azimuth, and elevation for each axis of the velocity error ellipsoid are given. As in Table 4.1 the sigmas and error ellipsoid parameters for sites whose velocities were not adjusted are zero.

Table 4.4 is the correlation matrix of all Cartesian site positions and velocities for GLB867. This table consists of two parts. The upper part shows a number which is associated with each component or velocity, the name of the component or velocity, and its sigma. The lower part of the table is the actual correlation matrix in lower triangular form. The rows of the matrix wrap around every 20th element. Table 4.4 is only available in machine-readable form in the file.

Table 4.1

Geocentric Cartesian Site Coordinates and Velocities from Global Solution 865

ALGOPARK Coordinate Reference Epoch = 88 01 01
7282

		Value	Error	Correlation Matrix:					
X	(mm)	918034964.7	.7	1.000					
Y	(mm)	-4346132248.8	2.7	-.205	1.000				
Z	(mm)	4561971070.9	2.6	.196	-.896	1.000			
X vel	(mm/yr)	-17.5	.3	-.708	.107	-.061	1.000		
Y vel	(mm/yr)	-4.0	.9	.095	-.803	.710	-.246	1.000	
Z vel	(mm/yr)	3.4	.9	-.060	.719	-.783	.211	-.906	1.000
				X	Y	Z	X vel	Y vel	Z vel

AUSTINTX Coordinate Reference Epoch = 88 01 01
7271

		Value	Error	Correlation Matrix:					
X	(mm)	-737793684.4	3.7	1.000					
Y	(mm)	-5459892244.8	16.1	.671	1.000				
Z	(mm)	3202990419.8	9.5	-.617	-.891	1.000			
X vel	(mm/yr)	.0	.0	.000	.000	.000	1.000		
Y vel	(mm/yr)	.0	.0	.000	.000	.000	.000	1.000	
Z vel	(mm/yr)	.0	.0	.000	.000	.000	.000	.000	1.000
				X	Y	Z	X vel	Y vel	Z vel

BERMUDA Coordinate Reference Epoch = 88 01 01
7294

		Value	Error	Correlation Matrix:					
X	(mm)	2307209618.5	8.3	1.000					
Y	(mm)	-4874215877.4	27.9	-.940	1.000				
Z	(mm)	3394317830.6	19.1	.918	-.980	1.000			
X vel	(mm/yr)	.0	.0	.000	.000	.000	1.000		
Y vel	(mm/yr)	.0	.0	.000	.000	.000	.000	1.000	
Z vel	(mm/yr)	.0	.0	.000	.000	.000	.000	.000	1.000
				X	Y	Z	X vel	Y vel	Z vel

BLKBUTTE Coordinate Reference Epoch = 88 01 01
7269

		Value	Error	Correlation Matrix:					
X	(mm)	-2306306824.9	5.0	1.000					
Y	(mm)	-4787914405.2	10.3	.947	1.000				
Z	(mm)	3515736378.5	7.6	-.908	-.914	1.000			
X vel	(mm/yr)	-17.4	3.5	.560	.542	-.500	1.000		
Y vel	(mm/yr)	13.7	7.3	.539	.572	-.512	.960	1.000	
Z vel	(mm/yr)	-13.4	5.2	-.516	-.532	.532	-.938	-.956	1.000
				X	Y	Z	X vel	Y vel	Z vel

BLOOMIND Coordinate Reference Epoch = 88 01 01
7291

		Value	Error	Correlation Matrix:					
X	(mm)	302384584.0	21.7	1.000					
Y	(mm)	-4941699046.9	47.5	-.567	1.000				
Z	(mm)	4007908419.6	37.1	-.545	-.142	1.000			
X vel	(mm/yr)	.0	.0	.000	.000	.000	1.000		
Y vel	(mm/yr)	.0	.0	.000	.000	.000	.000	1.000	
Z vel	(mm/yr)	.0	.0	.000	.000	.000	.000	.000	1.000
				X	Y	Z	X vel	Y vel	Z vel

BREST Coordinate Reference Epoch = 88 01 01
7604

		Value	Error	Correlation Matrix:					
X	(mm)	4228877344.8	11.1	1.000					
Y	(mm)	-333104403.2	2.5	-.097	1.000				
Z	(mm)	4747180865.7	12.0	.890	-.121	1.000			
X vel	(mm/yr)	.0	.0	.000	.000	.000	1.000		
Y vel	(mm/yr)	.0	.0	.000	.000	.000	.000	1.000	
Z vel	(mm/yr)	.0	.0	.000	.000	.000	.000	.000	1.000
				X	Y	Z	X vel	Y vel	Z vel

CARNUSTY Coordinate Reference Epoch = 88 01 01
7603

		Value	Error	Correlation Matrix:					
X	(mm)	3526416616.4	15.4	1.000					
Y	(mm)	-171421305.1	3.9	.003	1.000				
Z	(mm)	5294098730.4	20.9	.932	.033	1.000			
X vel	(mm/yr)	.0	.0	.000	.000	.000	1.000		
Y vel	(mm/yr)	.0	.0	.000	.000	.000	.000	1.000	
Z vel	(mm/yr)	.0	.0	.000	.000	.000	.000	.000	1.000
				X	Y	Z	X vel	Y vel	Z vel

Table 4.1 (continued)

Geocentric Cartesian Site Coordinates and Velocities from Global Solution 865

CARROLGA Coordinate Reference Epoch = 88 01 01

7228	Value	Error	Correlation Matrix:					
X (mm)	453520746.7	9.2	1.000					
Y (mm)	-5300506772.4	34.2	-.406	1.000				
Z (mm)	3507207367.6	20.6	.478	-.913	1.000			
X vel (mm/yr)	.0	.0	.000	.000	.000	1.000		
Y vel (mm/yr)	.0	.0	.000	.000	.000	.000	1.000	
Z vel (mm/yr)	.0	.0	.000	.000	.000	.000	.000	1.000
			X	Y	Z	X vel	Y vel	Z vel

CHLBOLTN Coordinate Reference Epoch = 88 01 01

7215	Value	Error	Correlation Matrix:					
X (mm)	4008310308.9	7.5	1.000					
Y (mm)	-100650970.6	3.7	-.556	1.000				
Z (mm)	4943794657.8	9.8	.780	-.526	1.000			
X vel (mm/yr)	.0	.0	.000	.000	.000	1.000		
Y vel (mm/yr)	.0	.0	.000	.000	.000	.000	1.000	
Z vel (mm/yr)	.0	.0	.000	.000	.000	.000	.000	1.000
			X	Y	Z	X vel	Y vel	Z vel

DEADMANL Coordinate Reference Epoch = 88 01 01

7267	Value	Error	Correlation Matrix:					
X (mm)	-2336819530.6	10.1	1.000					
Y (mm)	-4732586949.2	18.6	.946	1.000				
Z (mm)	3570329948.3	14.0	-.907	-.937	1.000			
X vel (mm/yr)	-42.4	10.8	.450	.430	-.400	1.000		
Y vel (mm/yr)	-37.1	20.7	.405	.435	-.399	.951	1.000	
Z vel (mm/yr)	24.3	14.6	-.403	-.428	.436	-.911	-.951	1.000
			X	Y	Z	X vel	Y vel	Z vel

DSS15 Coordinate Reference Epoch = 88 01 01

7231	Value	Error	Correlation Matrix:					
X (mm)	-2353538627.7	3.5	1.000					
Y (mm)	-4641649501.0	7.2	.870	1.000				
Z (mm)	3676669970.9	6.5	-.729	-.828	1.000			
X vel (mm/yr)	-13.9	3.9	-.732	-.671	.538	1.000		
Y vel (mm/yr)	14.5	8.0	-.651	-.708	.617	.760	1.000	
Z vel (mm/yr)	-10.8	8.4	.444	.522	-.596	-.641	-.873	1.000
			X	Y	Z	X vel	Y vel	Z vel

DSS45 Coordinate Reference Epoch = 88 01 01

1642	Value	Error	Correlation Matrix:					
X (mm)	-4460934878.7	11.9	1.000					
Y (mm)	2682765839.7	9.0	-.300	1.000				
Z (mm)	-3674381646.9	8.4	.040	.196	1.000			
X vel (mm/yr)	-31.9	3.9	-.744	.387	-.282	1.000		
Y vel (mm/yr)	3.9	3.1	.343	-.398	.367	-.419	1.000	
Z vel (mm/yr)	41.9	2.7	-.317	.360	-.262	.285	.086	1.000
			X	Y	Z	X vel	Y vel	Z vel

DSS65 Coordinate Reference Epoch = 88 01 01

1665	Value	Error	Correlation Matrix:					
X (mm)	4849336901.7	5.0	1.000					
Y (mm)	-360489035.1	1.7	-.225	1.000				
Z (mm)	4114748663.3	6.2	.784	-.173	1.000			
X vel (mm/yr)	-9.0	3.5	-.848	-.064	-.719	1.000		
Y vel (mm/yr)	20.3	.7	-.125	-.466	.072	.130	1.000	
Z vel (mm/yr)	10.4	3.8	-.805	-.002	-.692	.954	.100	1.000
			X	Y	Z	X vel	Y vel	Z vel

EFLSBERG Coordinate Reference Epoch = 88 01 01

7203	Value	Error	Correlation Matrix:					
X (mm)	4033947725.2	3.2	1.000					
Y (mm)	486990293.7	1.5	-.194	1.000				
Z (mm)	4900430652.2	5.1	.577	-.258	1.000			
X vel (mm/yr)	-15.6	.8	.054	.113	-.144	1.000		
Y vel (mm/yr)	17.1	.5	-.003	-.178	.107	-.585	1.000	
Z vel (mm/yr)	6.0	1.2	-.018	.016	.128	.551	-.433	1.000
			X	Y	Z	X vel	Y vel	Z vel

Table 4.1 (continued)

Geocentric Cartesian Site Coordinates and Velocities from Global Solution 865

ELY Coordinate Reference Epoch = 88 01 01

7286	Value	Error	Correlation Matrix:					
X (mm)	-2077236173.5	3.3	1.000					
Y (mm)	-4486712687.9	7.2	.917	1.000				
Z (mm)	4018753705.0	6.1	-.868	-.895	1.000			
X vel (mm/yr)	-18.7	2.2	-.219	-.221	.204	1.000		
Y vel (mm/yr)	7.2	4.8	-.227	-.216	.207	.934	1.000	
Z vel (mm/yr)	-13.5	3.9	.215	.214	-.201	-.925	-.953	1.000
			X	Y	Z	X vel	Y vel	Z vel

FD-VLBA Coordinate Reference Epoch = 88 01 01

7613	Value	Error	Correlation Matrix:					
X (mm)	-1324008969.4	5.3	1.000					
Y (mm)	-5332181914.9	11.5	.407	1.000				
Z (mm)	3231962426.0	8.3	-.386	-.676	1.000			
X vel (mm/yr)	.0	.0	.000	.000	.000	1.000		
Y vel (mm/yr)	.0	.0	.000	.000	.000	.000	1.000	
Z vel (mm/yr)	.0	.0	.000	.000	.000	.000	.000	1.000
			X	Y	Z	X vel	Y vel	Z vel

FLAGSTAF Coordinate Reference Epoch = 88 01 01

7261	Value	Error	Correlation Matrix:					
X (mm)	-1923992544.5	3.9	1.000					
Y (mm)	-4850854498.2	9.4	.908	1.000				
Z (mm)	3658589255.9	7.2	-.870	-.905	1.000			
X vel (mm/yr)	-20.6	2.0	.169	.123	-.161	1.000		
Y vel (mm/yr)	-6.5	4.8	.118	.135	-.157	.927	1.000	
Z vel (mm/yr)	-2.5	3.7	-.146	-.148	.210	-.904	-.947	1.000
			X	Y	Z	X vel	Y vel	Z vel

FORT ORD Coordinate Reference Epoch = 88 01 01

7266	Value	Error	Correlation Matrix:					
X (mm)	-2697026629.0	5.3	1.000					
Y (mm)	-4354393280.7	8.5	.947	1.000				
Z (mm)	3788077559.5	7.6	-.890	-.898	1.000			
X vel (mm/yr)	-34.6	2.8	.460	.432	-.399	1.000		
Y vel (mm/yr)	27.1	4.6	.431	.449	-.399	.960	1.000	
Z vel (mm/yr)	26.6	3.9	-.414	-.415	.428	-.943	-.954	1.000
			X	Y	Z	X vel	Y vel	Z vel

FORTORDS Coordinate Reference Epoch = 88 01 01

7241	Value	Error	Correlation Matrix:					
X (mm)	-2699840120.9	7.1	1.000					
Y (mm)	-4359127054.1	11.3	.956	1.000				
Z (mm)	3781050907.7	9.5	-.914	-.923	1.000			
X vel (mm/yr)	-34.7	2.8	-.439	-.422	.425	1.000		
Y vel (mm/yr)	27.1	4.6	-.420	-.431	.430	.960	1.000	
Z vel (mm/yr)	26.6	3.9	.411	.417	-.444	-.943	-.954	1.000
			X	Y	Z	X vel	Y vel	Z vel

FORTORDS Coordinate Reference Epoch = 88 01 01 Episodic date: 89 10 01

7241	Value	Error	Correlation Matrix:					
X (mm)	-2699840097.0	7.3	1.000					
Y (mm)	-4359127031.3	11.6	.951	1.000				
Z (mm)	3781050945.8	10.1	-.919	-.924	1.000			
X vel (mm/yr)	-34.7	2.8	-.875	-.843	.813	1.000		
Y vel (mm/yr)	27.1	4.6	-.840	-.866	.821	.960	1.000	
Z vel (mm/yr)	26.6	3.9	.819	.829	-.851	-.943	-.954	1.000
			X	Y	Z	X vel	Y vel	Z vel

FTD 7900 Coordinate Reference Epoch = 88 01 01

7900	Value	Error	Correlation Matrix:					
X (mm)	-1324227822.8	3.6	1.000					
Y (mm)	-5332063036.1	12.7	.744	1.000				
Z (mm)	3232023003.6	7.7	-.729	-.856	1.000			
X vel (mm/yr)	.0	.0	.000	.000	.000	1.000		
Y vel (mm/yr)	.0	.0	.000	.000	.000	.000	1.000	
Z vel (mm/yr)	.0	.0	.000	.000	.000	.000	.000	1.000
			X	Y	Z	X vel	Y vel	Z vel

Table 4.1 (continued)

Geocentric Cartesian Site Coordinates and Velocities from Global Solution 865

GILCREEK Coordinate Reference Epoch = 88 01 01

7225		Value	Error	Correlation Matrix:					
X	(mm)	-2281546987.6	1.2	1.000					
Y	(mm)	-1453645014.8	1.8	.542	1.000				
Z	(mm)	5756993183.0	3.1	.147	-.633	1.000			
X vel	(mm/yr)	-21.2	.3	.162	.178	.220	1.000		
Y vel	(mm/yr)	.5	.5	.136	.312	-.234	.439	1.000	
Z vel	(mm/yr)	-9.8	.8	.191	-.191	.384	.093	-.709	1.000
				X	Y	Z	X vel	Y vel	Z vel

GOLDVENU Coordinate Reference Epoch = 88 01 01

1513		Value	Error	Correlation Matrix:					
X	(mm)	-2351128994.3	1.4	1.000					
Y	(mm)	-4655477047.3	2.7	.647	1.000				
Z	(mm)	3660956861.0	3.1	-.662	-.635	1.000			
X vel	(mm/yr)	-16.8	.4	.034	-.018	-.057	1.000		
Y vel	(mm/yr)	9.9	.8	-.041	.093	.053	.635	1.000	
Z vel	(mm/yr)	-6.9	.7	-.084	-.011	.050	-.605	-.807	1.000
				X	Y	Z	X vel	Y vel	Z vel

GORF7102 Coordinate Reference Epoch = 88 01 01

7102		Value	Error	Correlation Matrix:					
X	(mm)	1130686704.9	5.3	1.000					
Y	(mm)	-4831353008.7	18.9	-.760	1.000				
Z	(mm)	3994110813.0	15.5	.733	-.941	1.000			
X vel	(mm/yr)	-11.1	1.7	-.948	.721	-.694	1.000		
Y vel	(mm/yr)	-22.9	6.1	.716	-.947	.881	-.754	1.000	
Z vel	(mm/yr)	22.0	4.9	-.701	.897	-.951	.734	-.929	1.000
				X	Y	Z	X vel	Y vel	Z vel

GRASSE Coordinate Reference Epoch = 88 01 01

7605		Value	Error	Correlation Matrix:					
X	(mm)	4581697917.6	13.0	1.000					
Y	(mm)	556125523.0	3.7	.732	1.000				
Z	(mm)	4389351311.4	13.5	.912	.714	1.000			
X vel	(mm/yr)	.0	.0	.000	.000	.000	1.000		
Y vel	(mm/yr)	.0	.0	.000	.000	.000	.000	1.000	
Z vel	(mm/yr)	.0	.0	.000	.000	.000	.000	.000	1.000
				X	Y	Z	X vel	Y vel	Z vel

HALEAKAL Coordinate Reference Epoch = 88 01 01

7120		Value	Error	Correlation Matrix:					
X	(mm)	-5465998346.2	14.1	1.000					
Y	(mm)	-2404408479.3	7.4	.890	1.000				
Z	(mm)	2242228402.6	7.7	-.757	-.657	1.000			
X vel	(mm/yr)	-15.7	.2	-.088	-.051	.184	1.000		
Y vel	(mm/yr)	66.5	.7	.046	.195	.065	-.259	1.000	
Z vel	(mm/yr)	31.9	.7	-.025	.135	.195	.515	.694	1.000
				X	Y	Z	X vel	Y vel	Z vel

HARTRAO Coordinate Reference Epoch = 88 01 01

7232		Value	Error	Correlation Matrix:					
X	(mm)	5085442961.0	8.8	1.000					
Y	(mm)	2668263290.9	6.8	.013	1.000				
Z	(mm)	-2768697216.8	6.4	.245	.672	1.000			
X vel	(mm/yr)	.2	2.8	-.607	-.170	-.210	1.000		
Y vel	(mm/yr)	15.0	2.0	-.039	-.113	.222	-.017	1.000	
Z vel	(mm/yr)	12.3	1.7	-.072	.156	.030	.094	.495	1.000
				X	Y	Z	X vel	Y vel	Z vel

HATCREEK Coordinate Reference Epoch = 88 01 01

7218		Value	Error	Correlation Matrix:					
X	(mm)	-2523969794.1	.8	1.000					
Y	(mm)	-4123506326.4	1.9	.668	1.000				
Z	(mm)	4147752550.7	2.6	-.519	-.495	1.000			
X vel	(mm/yr)	-20.9	.4	-.383	-.214	.193	1.000		
Y vel	(mm/yr)	8.9	.8	-.264	-.125	.229	.753	1.000	
Z vel	(mm/yr)	-7.4	.8	.242	.253	-.148	-.677	-.816	1.000
				X	Y	Z	X vel	Y vel	Z vel

Table 4.1 (continued)

Geocentric Cartesian Site Coordinates and Velocities from Global Solution 865

HAYSTACK Coordinate Reference Epoch = 88 01 01

7205	Value	Error	Correlation Matrix:					
X (mm)	1492404946.9	.3	1.000					
Y (mm)	-4457266533.9	.7	-.509	1.000				
Z (mm)	4296881671.1	.7	.496	-.799	1.000			
X vel (mm/yr)	-16.7	.1	-.363	.175	-.155	1.000		
Y vel (mm/yr)	-.6	.3	.170	-.435	.334	-.466	1.000	
Z vel (mm/yr)	3.9	.3	-.145	.321	-.471	.430	-.763	1.000
			X	Y	Z	X vel	Y vel	Z vel

HOBART26 Coordinate Reference Epoch = 88 01 01

7242	Value	Error	Correlation Matrix:					
X (mm)	-3950236175.9	13.7	1.000					
Y (mm)	2522347617.4	10.6	-.391	1.000				
Z (mm)	-4311562934.8	11.8	.343	-.118	1.000			
X vel (mm/yr)	-43.5	4.4	-.799	.447	-.517	1.000		
Y vel (mm/yr)	10.7	3.5	.423	-.503	.502	-.488	1.000	
Z vel (mm/yr)	28.8	4.0	-.505	.480	-.655	.514	-.225	1.000
			X	Y	Z	X vel	Y vel	Z vel

HOHENFRG Coordinate Reference Epoch = 88 01 01

7600	Value	Error	Correlation Matrix:					
X (mm)	3778215150.7	6.0	1.000					
Y (mm)	698644566.1	2.4	.032	1.000				
Z (mm)	5074053491.2	8.1	.731	.056	1.000			
X vel (mm/yr)	.0	.0	.000	.000	.000	1.000		
Y vel (mm/yr)	.0	.0	.000	.000	.000	.000	1.000	
Z vel (mm/yr)	.0	.0	.000	.000	.000	.000	.000	1.000
			X	Y	Z	X vel	Y vel	Z vel

JPL MV1 Coordinate Reference Epoch = 88 01 01

7263	Value	Error	Correlation Matrix:					
X (mm)	-2493305861.0	5.1	1.000					
Y (mm)	-4655197575.0	9.3	.953	1.000				
Z (mm)	3565519294.8	7.3	-.915	-.913	1.000			
X vel (mm/yr)	-35.3	2.3	.638	.611	-.572	1.000		
Y vel (mm/yr)	20.4	4.2	.603	.625	-.564	.963	1.000	
Z vel (mm/yr)	10.2	3.2	-.592	-.593	.593	-.949	-.959	1.000
			X	Y	Z	X vel	Y vel	Z vel

KASHIM34 Coordinate Reference Epoch = 88 01 01

1857	Value	Error	Correlation Matrix:					
X (mm)	-3997649050.1	3.5	1.000					
Y (mm)	3276690818.4	2.6	.084	1.000				
Z (mm)	3724278928.0	6.5	-.404	.194	1.000			
X vel (mm/yr)	2.5	1.0	.073	.600	.139	1.000		
Y vel (mm/yr)	6.2	.7	.569	.069	-.013	.214	1.000	
Z vel (mm/yr)	-13.3	1.8	.069	-.051	.475	-.170	.330	1.000
			X	Y	Z	X vel	Y vel	Z vel

KASHIMA Coordinate Reference Epoch = 88 01 01

1856	Value	Error	Correlation Matrix:					
X (mm)	-3997892069.4	3.0	1.000					
Y (mm)	3276581325.0	2.1	.541	1.000				
Z (mm)	3724118321.0	6.2	-.326	.057	1.000			
X vel (mm/yr)	2.5	1.0	.312	.584	.056	1.000		
Y vel (mm/yr)	6.2	.7	.508	.332	.070	.214	1.000	
Z vel (mm/yr)	-13.3	1.8	-.026	.031	.560	-.170	.330	1.000
			X	Y	Z	X vel	Y vel	Z vel

KAUAI Coordinate Reference Epoch = 88 01 01

1311	Value	Error	Correlation Matrix:					
X (mm)	-5543845866.6	2.4	1.000					
Y (mm)	-2054564092.8	2.8	.600	1.000				
Z (mm)	2387813769.6	4.5	-.716	-.142	1.000			
X vel (mm/yr)	-11.3	.2	-.665	-.183	.365	1.000		
Y vel (mm/yr)	67.5	.7	.363	.530	.117	-.259	1.000	
Z vel (mm/yr)	31.8	.7	-.173	.334	.376	.515	.695	1.000
			X	Y	Z	X vel	Y vel	Z vel

Table 4.1 (continued)

Geocentric Cartesian Site Coordinates and Velocities from Global Solution 865

KODIAK Coordinate Reference Epoch = 88 01 01

KODIAK 7278		Value	Error	Correlation Matrix:					
X	(mm)	-3026939992.0	5.2	1.000					
Y	(mm)	-1575911749.3	3.8	.804	1.000				
Z	(mm)	5370362455.0	9.4	-.869	-.827	1.000			
X vel	(mm/yr)	-24.6	3.5	-.429	-.357	.422	1.000		
Y vel	(mm/yr)	4.5	2.3	-.405	-.459	.431	.849	1.000	
Z vel	(mm/yr)	5.0	6.0	.437	.397	-.432	-.950	-.878	1.000
				X	Y	Z	X vel	Y vel	Z vel

KWAJAL26 Coordinate Reference Epoch = 88 01 01

KWAJAL26 4968		Value	Error	Correlation Matrix:					
X	(mm)	-6143536321.5	10.0	1.000					
Y	(mm)	1363997312.3	4.2	-.298	1.000				
Z	(mm)	1034707391.7	6.8	-.473	.301	1.000			
X vel	(mm/yr)	22.8	4.5	.698	-.267	-.216	1.000		
Y vel	(mm/yr)	71.9	1.6	-.317	.659	.267	-.445	1.000	
Z vel	(mm/yr)	25.6	2.3	-.303	.288	.509	-.508	.457	1.000
				X	Y	Z	X vel	Y vel	Z vel

LA-VLBA Coordinate Reference Epoch = 88 01 01

LA-VLBA 7611		Value	Error	Correlation Matrix:					
X	(mm)	-1449752181.6	.7	1.000					
Y	(mm)	-4975298557.5	2.1	-.140	1.000				
Z	(mm)	3709123907.8	2.0	-.472	-.385	1.000			
X vel	(mm/yr)	.0	.0	-.001	.000	.000	1.000		
Y vel	(mm/yr)	.0	.0	.000	.000	.000	.000	1.000	
Z vel	(mm/yr)	.0	.0	.000	.000	.000	.000	.000	1.000
				X	Y	Z	X vel	Y vel	Z vel

LEONRDOK Coordinate Reference Epoch = 88 01 01

LEONRDOK 7292		Value	Error	Correlation Matrix:					
X	(mm)	-522231459.8	3.7	1.000					
Y	(mm)	-5145676866.0	19.1	.545	1.000				
Z	(mm)	3720152295.1	12.7	-.517	-.895	1.000			
X vel	(mm/yr)	.0	.0	.000	.000	.000	1.000		
Y vel	(mm/yr)	.0	.0	.000	.000	.000	.000	1.000	
Z vel	(mm/yr)	.0	.0	.000	.000	.000	.000	.000	1.000
				X	Y	Z	X vel	Y vel	Z vel

MAMMOTHL Coordinate Reference Epoch = 88 01 01

MAMMOTHL 7259		Value	Error	Correlation Matrix:					
X	(mm)	-2448246639.9	21.5	1.000					
Y	(mm)	-4426738309.2	39.3	.975	1.000				
Z	(mm)	3875435866.6	32.8	-.965	-.976	1.000			
X vel	(mm/yr)	-23.2	7.0	.880	.849	-.838	1.000		
Y vel	(mm/yr)	11.6	12.5	.865	.884	-.857	.964	1.000	
Z vel	(mm/yr)	-3.0	10.4	-.857	-.860	.882	-.953	-.962	1.000
				X	Y	Z	X vel	Y vel	Z vel

MARCUS Coordinate Reference Epoch = 88 01 01

MARCUS 7310		Value	Error	Correlation Matrix:					
X	(mm)	-5227446654.3	15.4	1.000					
Y	(mm)	2551379277.0	9.0	-.603	1.000				
Z	(mm)	2607604747.9	14.2	-.657	.552	1.000			
X vel	(mm/yr)	.0	.0	.000	.000	.000	1.000		
Y vel	(mm/yr)	.0	.0	.000	.000	.000	.000	1.000	
Z vel	(mm/yr)	.0	.0	.000	.000	.000	.000	.000	1.000
				X	Y	Z	X vel	Y vel	Z vel

MARPOINT Coordinate Reference Epoch = 88 01 01

MARPOINT 7217		Value	Error	Correlation Matrix:					
X	(mm)	1106629502.5	1.2	1.000					
Y	(mm)	-4882907200.6	3.8	-.606	1.000				
Z	(mm)	3938086891.7	3.1	.519	-.882	1.000			
X vel	(mm/yr)	-16.7	.5	-.087	.154	-.202	1.000		
Y vel	(mm/yr)	2.4	1.7	.152	-.147	.155	-.745	1.000	
Z vel	(mm/yr)	.2	1.4	-.198	.153	-.164	.729	-.910	1.000
				X	Y	Z	X vel	Y vel	Z vel

Table 4.1 (continued)

Geocentric Cartesian Site Coordinates and Velocities from Global Solution 865

MATERA Coordinate Reference Epoch = 88 01 01

7243	Value	Error	Correlation Matrix:					
X (mm)	4641939209.8	13.5	1.000					
Y (mm)	1393002809.0	5.1	.563	1.000				
Z (mm)	4133325446.9	13.1	.853	.568	1.000			
X vel (mm/yr)	-45.3	3.9	-.955	-.578	-.837	1.000		
Y vel (mm/yr)	12.2	1.4	-.574	-.911	-.526	.507	1.000	
Z vel (mm/yr)	-4.9	3.6	-.846	-.572	-.846	.868	.537	1.000
			X	Y	Z	X vel	Y vel	Z vel

MCD 7850 Coordinate Reference Epoch = 88 01 01

7850	Value	Error	Correlation Matrix:					
X (mm)	-1330008031.1	2.8	1.000					
Y (mm)	-5328391557.8	10.5	.719	1.000				
Z (mm)	3236502685.3	6.6	-.746	-.864	1.000			
X vel (mm/yr)	.0	.0	.000	.000	.000	1.000		
Y vel (mm/yr)	.0	.0	.000	.000	.000	.000	1.000	
Z vel (mm/yr)	.0	.0	.000	.000	.000	.000	.000	1.000
			X	Y	Z	X vel	Y vel	Z vel

MEDICINA Coordinate Reference Epoch = 88 01 01

7230	Value	Error	Correlation Matrix:					
X (mm)	4461370304.8	3.1	1.000					
Y (mm)	919596586.6	1.4	-.224	1.000				
Z (mm)	4449559068.9	4.9	.494	-.100	1.000			
X vel (mm/yr)	-16.5	1.3	-.539	-.187	-.448	1.000		
Y vel (mm/yr)	19.7	.6	-.225	-.383	.006	-.148	1.000	
Z vel (mm/yr)	9.6	1.5	-.436	-.162	-.123	.687	-.019	1.000
			X	Y	Z	X vel	Y vel	Z vel

METSHOVI Coordinate Reference Epoch = 88 01 01

7601	Value	Error	Correlation Matrix:					
X (mm)	2890653062.4	15.6	1.000					
Y (mm)	1310295161.5	7.1	.888	1.000				
Z (mm)	5513958624.9	23.5	.951	.850	1.000			
X vel (mm/yr)	.0	.0	.000	.000	.000	1.000		
Y vel (mm/yr)	.0	.0	.000	.000	.000	.000	1.000	
Z vel (mm/yr)	.0	.0	.000	.000	.000	.000	.000	1.000
			X	Y	Z	X vel	Y vel	Z vel

MILESMON Coordinate Reference Epoch = 88 01 01

7038	Value	Error	Correlation Matrix:					
X (mm)	-1204438867.2	9.2	1.000					
Y (mm)	-4239211088.4	30.1	.828	1.000				
Z (mm)	4596266020.9	30.1	-.815	-.951	1.000			
X vel (mm/yr)	.0	.0	.000	.000	.000	1.000		
Y vel (mm/yr)	.0	.0	.000	.000	.000	.000	1.000	
Z vel (mm/yr)	.0	.0	.000	.000	.000	.000	.000	1.000
			X	Y	Z	X vel	Y vel	Z vel

MIYAZAKI Coordinate Reference Epoch = 88 01 01

7312	Value	Error	Correlation Matrix:					
X (mm)	-3582767625.2	109.2	1.000					
Y (mm)	4052034074.7	71.7	-.696	1.000				
Z (mm)	3369020614.7	112.3	.167	.580	1.000			
X vel (mm/yr)	.0	.0	.000	.000	.000	1.000		
Y vel (mm/yr)	.0	.0	.000	.000	.000	.000	1.000	
Z vel (mm/yr)	.0	.0	.000	.000	.000	.000	.000	1.000
			X	Y	Z	X vel	Y vel	Z vel

MIZUSGSI Coordinate Reference Epoch = 88 01 01

7314	Value	Error	Correlation Matrix:					
X (mm)	-3862411656.3	43.1	1.000					
Y (mm)	3105015111.6	17.4	.138	1.000				
Z (mm)	4001944938.3	23.9	-.749	.162	1.000			
X vel (mm/yr)	.0	.0	.000	.000	.000	1.000		
Y vel (mm/yr)	.0	.0	.000	.000	.000	.000	1.000	
Z vel (mm/yr)	.0	.0	.000	.000	.000	.000	.000	1.000
			X	Y	Z	X vel	Y vel	Z vel

Table 4.1 (continued)

Geocentric Cartesian Site Coordinates and Velocities from Global Solution 865

MOJ 7288 Coordinate Reference Epoch = 88 01 01

7288	Value	Error	Correlation Matrix:					
X (mm)	-2356493976.0	5.8	1.000					
Y (mm)	-4646607657.8	11.0	.947	1.000				
Z (mm)	3668426580.2	8.4	-.896	-.917	1.000			
X vel (mm/yr)	-16.5	.1	-.045	-.031	.049	1.000		
Y vel (mm/yr)	10.0	.5	-.030	.014	.069	.395	1.000	
Z vel (mm/yr)	-6.3	.4	.015	.028	-.046	-.467	-.661	1.000
			X	Y	Z	X vel	Y vel	Z vel

MOJAVE12 Coordinate Reference Epoch = 88 01 01

7222	Value	Error	Correlation Matrix:					
X (mm)	-2356170855.0	.5	1.000					
Y (mm)	-4646755861.1	1.5	.229	1.000				
Z (mm)	3668470563.0	2.3	-.766	-.354	1.000			
X vel (mm/yr)	-16.5	.1	-.519	-.239	.183	1.000		
Y vel (mm/yr)	10.0	.5	-.334	.102	.254	.396	1.000	
Z vel (mm/yr)	-6.3	.4	.169	.207	-.171	-.468	-.661	1.000
			X	Y	Z	X vel	Y vel	Z vel

MON PEAK Coordinate Reference Epoch = 88 01 01

7274	Value	Error	Correlation Matrix:					
X (mm)	-2386289275.2	2.4	1.000					
Y (mm)	-4802346543.3	4.8	.895	1.000				
Z (mm)	3444883924.8	4.0	-.850	-.802	1.000			
X vel (mm/yr)	-34.9	1.2	.358	.339	-.267	1.000		
Y vel (mm/yr)	32.5	2.5	.321	.363	-.249	.944	1.000	
Z vel (mm/yr)	7.7	1.8	-.300	-.308	.260	-.920	-.952	1.000
			X	Y	Z	X vel	Y vel	Z vel

NOBEY 6M Coordinate Reference Epoch = 88 01 01

7244	Value	Error	Correlation Matrix:					
X (mm)	-3871168033.2	9.8	1.000					
Y (mm)	3428274059.0	8.7	-.639	1.000				
Z (mm)	3723697697.3	13.1	-.590	.601	1.000			
X vel (mm/yr)	.0	.0	.000	.000	.000	1.000		
Y vel (mm/yr)	.0	.0	.000	.000	.000	.000	1.000	
Z vel (mm/yr)	.0	.0	.000	.000	.000	.000	.000	1.000
			X	Y	Z	X vel	Y vel	Z vel

NOME Coordinate Reference Epoch = 88 01 01

7279	Value	Error	Correlation Matrix:					
X (mm)	-2658150243.2	6.9	1.000					
Y (mm)	-693821871.4	3.4	.694	1.000				
Z (mm)	5737236598.1	13.2	-.864	-.638	1.000			
X vel (mm/yr)	-27.8	2.8	-.031	-.114	-.080	1.000		
Y vel (mm/yr)	-4.9	1.3	-.126	-.062	-.030	.749	1.000	
Z vel (mm/yr)	-2.6	5.4	-.079	-.019	.162	-.891	-.682	1.000
			X	Y	Z	X vel	Y vel	Z vel

NOTO Coordinate Reference Epoch = 88 01 01

7547	Value	Error	Correlation Matrix:					
X (mm)	4934563434.0	6.6	1.000					
Y (mm)	1321201040.3	2.8	.305	1.000				
Z (mm)	3806484301.9	7.3	.723	.399	1.000			
X vel (mm/yr)	-12.8	2.6	-.840	-.418	-.668	1.000		
Y vel (mm/yr)	15.3	1.1	-.427	-.734	-.291	.328	1.000	
Z vel (mm/yr)	19.3	2.5	-.726	-.400	-.559	.827	.418	1.000
			X	Y	Z	X vel	Y vel	Z vel

NRAO 140 Coordinate Reference Epoch = 88 01 01

7204	Value	Error	Correlation Matrix:					
X (mm)	882880085.6	.9	1.000					
Y (mm)	-4924482325.3	3.0	-.442	1.000				
Z (mm)	3944130597.7	2.5	.401	-.874	1.000			
X vel (mm/yr)	-16.4	.2	.248	-.105	.100	1.000		
Y vel (mm/yr)	.4	.6	-.106	.212	-.160	-.474	1.000	
Z vel (mm/yr)	1.2	.5	.104	-.156	.162	.440	-.886	1.000
			X	Y	Z	X vel	Y vel	Z vel

Table 4.1 (continued)

Geocentric Cartesian Site Coordinates and Velocities from Global Solution 865

NRAO85 3 Coordinate Reference Epoch = 88 01 01

7214	Value	Error	Correlation Matrix:					
X (mm)	882325775.7	1.2	1.000					
Y (mm)	-4925137989.0	3.6	-.244	1.000				
Z (mm)	3943397577.5	2.9	.133	-.833	1.000			
X vel (mm/yr)	-20.0	.4	-.945	.251	-.165	1.000		
Y vel (mm/yr)	-4.6	1.1	.234	-.956	.798	-.278	1.000	
Z vel (mm/yr)	6.7	.9	-.163	.797	-.946	.208	-.837	1.000
			X	Y	Z	X vel	Y vel	Z vel

OCOTILLO Coordinate Reference Epoch = 88 01 01

7270	Value	Error	Correlation Matrix:					
X (mm)	-2335601028.8	18.0	1.000					
Y (mm)	-4832244099.1	35.3	.979	1.000				
Z (mm)	3434392543.7	25.8	-.965	-.979	1.000			
X vel (mm/yr)	.0	.0	.000	.000	.000	1.000		
Y vel (mm/yr)	.0	.0	.000	.000	.000	.000	1.000	
Z vel (mm/yr)	.0	.0	.000	.000	.000	.000	.000	1.000
			X	Y	Z	X vel	Y vel	Z vel

ONSALA60 Coordinate Reference Epoch = 88 01 01

7213	Value	Error	Correlation Matrix:					
X (mm)	3370606311.4	1.7	1.000					
Y (mm)	711917301.6	1.1	-.531	1.000				
Z (mm)	5349830614.6	3.9	.142	-.748	1.000			
X vel (mm/yr)	-12.7	.6	.248	-.032	-.130	1.000		
Y vel (mm/yr)	15.1	.4	-.235	.160	-.151	-.692	1.000	
Z vel (mm/yr)	9.2	1.0	.107	-.348	.412	.342	-.680	1.000
			X	Y	Z	X vel	Y vel	Z vel

OVR 7853 Coordinate Reference Epoch = 88 01 01

7853	Value	Error	Correlation Matrix:					
X (mm)	-2410421091.3	5.0	1.000					
Y (mm)	-4477800381.8	9.2	.919	1.000				
Z (mm)	3838690276.2	7.6	-.849	-.899	1.000			
X vel (mm/yr)	-18.8	.3	.159	.148	-.149	1.000		
Y vel (mm/yr)	11.4	.8	.104	.146	-.099	.700	1.000	
Z vel (mm/yr)	-6.1	.7	-.112	-.112	.129	-.686	-.791	1.000
			X	Y	Z	X vel	Y vel	Z vel

OVRO 130 Coordinate Reference Epoch = 88 01 01

7207	Value	Error	Correlation Matrix:					
X (mm)	-2409600610.9	1.3	1.000					
Y (mm)	-4478349515.1	2.6	.765	1.000				
Z (mm)	3838603169.0	3.0	-.712	-.636	1.000			
X vel (mm/yr)	-18.8	.3	.644	.539	-.398	1.000		
Y vel (mm/yr)	11.4	.8	.430	.543	-.263	.700	1.000	
Z vel (mm/yr)	-6.1	.7	-.441	-.395	.350	-.687	-.791	1.000
			X	Y	Z	X vel	Y vel	Z vel

PBLOSSOM Coordinate Reference Epoch = 88 01 01

7254	Value	Error	Correlation Matrix:					
X (mm)	-2464070787.0	7.9	1.000					
Y (mm)	-4649425602.7	14.7	.958	1.000				
Z (mm)	3593905650.8	11.2	-.920	-.930	1.000			
X vel (mm/yr)	-19.8	3.4	.732	.704	-.670	1.000		
Y vel (mm/yr)	28.4	6.4	.705	.734	-.679	.965	1.000	
Z vel (mm/yr)	-4.7	4.8	-.678	-.688	.713	-.943	-.957	1.000
			X	Y	Z	X vel	Y vel	Z vel

PENTICTN Coordinate Reference Epoch = 88 01 01

7283	Value	Error	Correlation Matrix:					
X (mm)	-2058840260.5	7.7	1.000					
Y (mm)	-3621286373.5	12.7	.945	1.000				
Z (mm)	4814420712.2	16.5	-.941	-.963	1.000			
X vel (mm/yr)	-25.5	3.0	-.172	-.224	.182	1.000		
Y vel (mm/yr)	-12.7	4.9	-.222	-.272	.231	.949	1.000	
Z vel (mm/yr)	10.7	6.4	.181	.232	-.189	-.954	-.972	1.000
			X	Y	Z	X vel	Y vel	Z vel

Table 4.1 (continued)

Geocentric Cartesian Site Coordinates and Velocities from Global Solution 865

PIETOWN Coordinate Reference Epoch = 88 01 01

7234		Value	Error	Correlation Matrix:					
X	(mm)	-1640953524.5	.9	1.000					
Y	(mm)	-5014816004.6	2.0	.393	1.000				
Z	(mm)	3575411885.8	2.3	-.627	-.585	1.000			
X vel	(mm/yr)	-15.4	.4	-.814	-.499	.337	1.000		
Y vel	(mm/yr)	9.8	.8	-.528	-.615	.492	.502	1.000	
Z vel	(mm/yr)	-14.4	.7	.466	.614	-.579	-.523	-.799	1.000
				X	Y	Z	X vel	Y vel	Z vel

PINFLATS Coordinate Reference Epoch = 88 01 01

7256		Value	Error	Correlation Matrix:					
X	(mm)	-2369635815.6	4.1	1.000					
Y	(mm)	-4761324891.3	8.0	.936	1.000				
Z	(mm)	3511116097.5	6.4	-.913	-.909	1.000			
X vel	(mm/yr)	-26.6	2.3	.441	.403	-.383	1.000		
Y vel	(mm/yr)	18.1	4.5	.393	.414	-.368	.951	1.000	
Z vel	(mm/yr)	4.1	3.4	-.402	-.401	.397	-.940	-.963	1.000
				X	Y	Z	X vel	Y vel	Z vel

PLATTVIL Coordinate Reference Epoch = 88 01 01

7258		Value	Error	Correlation Matrix:					
X	(mm)	-1240708000.2	1.6	1.000					
Y	(mm)	-4720454341.3	5.0	.827	1.000				
Z	(mm)	4094481606.3	4.4	-.787	-.891	1.000			
X vel	(mm/yr)	-18.2	.9	.157	.095	-.092	1.000		
Y vel	(mm/yr)	-1.3	2.7	.100	.106	-.098	.884	1.000	
Z vel	(mm/yr)	-6.4	2.3	-.107	-.109	.124	-.857	-.958	1.000
				X	Y	Z	X vel	Y vel	Z vel

PRESIDIO Coordinate Reference Epoch = 88 01 01

7252		Value	Error	Correlation Matrix:					
X	(mm)	-2707704729.8	4.0	1.000					
Y	(mm)	-4257609568.8	6.4	.934	1.000				
Z	(mm)	3888374133.1	6.0	-.866	-.874	1.000			
X vel	(mm/yr)	-22.9	2.6	.302	.278	-.236	1.000		
Y vel	(mm/yr)	27.7	4.2	.282	.296	-.238	.960	1.000	
Z vel	(mm/yr)	5.9	3.7	-.263	-.262	.250	-.939	-.955	1.000
				X	Y	Z	X vel	Y vel	Z vel

PRESIDIO Coordinate Reference Epoch = 88 01 01 Episodic date: 89 10 01

7252		Value	Error	Correlation Matrix:					
X	(mm)	-2707704714.9	8.9	1.000					
Y	(mm)	-4257609552.3	13.9	.959	1.000				
Z	(mm)	3888374103.6	12.6	-.930	-.941	1.000			
X vel	(mm/yr)	-22.9	2.6	-.785	-.767	.731	1.000		
Y vel	(mm/yr)	27.7	4.2	-.757	-.788	.744	.960	1.000	
Z vel	(mm/yr)	5.9	3.7	.729	.752	-.761	-.939	-.955	1.000
				X	Y	Z	X vel	Y vel	Z vel

PT REYES Coordinate Reference Epoch = 88 01 01

7251		Value	Error	Correlation Matrix:					
X	(mm)	-2732332962.9	3.6	1.000					
Y	(mm)	-4217634864.1	5.7	.925	1.000				
Z	(mm)	3914491004.2	5.6	-.857	-.855	1.000			
X vel	(mm/yr)	-30.3	2.0	-.442	-.414	.379	1.000		
Y vel	(mm/yr)	23.0	3.1	-.429	-.427	.400	.949	1.000	
Z vel	(mm/yr)	22.4	2.9	.404	.410	-.399	-.934	-.949	1.000
				X	Y	Z	X vel	Y vel	Z vel

PVERDES Coordinate Reference Epoch = 88 01 01

7268		Value	Error	Correlation Matrix:					
X	(mm)	-2525452666.4	6.2	1.000					
Y	(mm)	-4670035647.7	11.2	.956	1.000				
Z	(mm)	3522886715.8	8.6	-.926	-.930	1.000			
X vel	(mm/yr)	-28.1	3.8	-.468	-.457	.433	1.000		
Y vel	(mm/yr)	35.9	6.7	-.462	-.462	.440	.965	1.000	
Z vel	(mm/yr)	7.2	5.1	.447	.448	-.441	-.946	-.964	1.000
				X	Y	Z	X vel	Y vel	Z vel

Table 4.1 (continued)

Geocentric Cartesian Site Coordinates and Velocities from Global Solution 865

QUINCY Coordinate Reference Epoch = 88 01 01

7221		Value	Error	Correlation Matrix:					
X	(mm)	-2517230748.8	2.7	1.000					
Y	(mm)	-4198595189.1	4.7	.906	1.000				
Z	(mm)	4076531231.5	4.7	-.822	-.832	1.000			
X vel	(mm/yr)	-21.2	1.5	.042	.023	-.017	1.000		
Y vel	(mm/yr)	12.5	2.5	.026	.032	.000	.937	1.000	
Z vel	(mm/yr)	-8.7	2.3	-.024	-.004	.023	-.917	-.949	1.000
				X	Y	Z	X vel	Y vel	Z vel

RICHMOND Coordinate Reference Epoch = 88 01 01

7219		Value	Error	Correlation Matrix:					
X	(mm)	961258190.2	1.0	1.000					
Y	(mm)	-5674090047.4	1.7	-.251	1.000				
Z	(mm)	2740533700.4	1.2	-.020	-.909	1.000			
X vel	(mm/yr)	-11.2	.0	.067	-.254	.080	1.000		
Y vel	(mm/yr)	-.8	.1	.067	-.254	.080	1.000	1.000	
Z vel	(mm/yr)	2.2	.1	.067	-.254	.080	1.000	1.000	1.000
				X	Y	Z	X vel	Y vel	Z vel

ROBLED32 Coordinate Reference Epoch = 88 01 01

1561		Value	Error	Correlation Matrix:					
X	(mm)	4849245419.2	45.1	1.000					
Y	(mm)	-360278383.4	9.0	-.203	1.000				
Z	(mm)	4114884388.1	38.5	.962	-.298	1.000			
X vel	(mm/yr)	-9.0	3.5	.363	.099	.432	1.000		
Y vel	(mm/yr)	20.3	.7	.076	.254	.076	.130	1.000	
Z vel	(mm/yr)	10.4	3.8	.350	.072	.449	.954	.100	1.000
				X	Y	Z	X vel	Y vel	Z vel

SANPAULA Coordinate Reference Epoch = 88 01 01

7255		Value	Error	Correlation Matrix:					
X	(mm)	-2554476536.7	6.2	1.000					
Y	(mm)	-4608627352.1	11.1	.955	1.000				
Z	(mm)	3582138250.7	8.6	-.926	-.927	1.000			
X vel	(mm/yr)	-37.3	3.6	-.319	-.324	.306	1.000		
Y vel	(mm/yr)	20.0	6.5	-.327	-.344	.319	.964	1.000	
Z vel	(mm/yr)	15.6	4.9	.312	.323	-.321	-.953	-.961	1.000
				X	Y	Z	X vel	Y vel	Z vel

SANTIA12 Coordinate Reference Epoch = 88 01 01

1404		Value	Error	Correlation Matrix:					
X	(mm)	1769693019.6	8.6	1.000					
Y	(mm)	-5044504417.1	16.1	-.467	1.000				
Z	(mm)	-3468435149.3	9.2	-.422	.463	1.000			
X vel	(mm/yr)	.0	.0	.000	.000	.000	1.000		
Y vel	(mm/yr)	.0	.0	.000	.000	.000	.000	1.000	
Z vel	(mm/yr)	.0	.0	.000	.000	.000	.000	.000	1.000
				X	Y	Z	X vel	Y vel	Z vel

SEATTLE1 Coordinate Reference Epoch = 88 01 01

7229		Value	Error	Correlation Matrix:					
X	(mm)	-2295347838.9	19.9	1.000					
Y	(mm)	-3638029439.2	145.3	.879	1.000				
Z	(mm)	4693408656.3	144.5	-.886	-.999	1.000			
X vel	(mm/yr)	-8.9	8.0	-.843	-.814	.814	1.000		
Y vel	(mm/yr)	13.9	55.9	-.854	-.992	.989	.855	1.000	
Z vel	(mm/yr)	-24.3	55.7	.852	.987	-.986	-.866	-.998	1.000
				X	Y	Z	X vel	Y vel	Z vel

SESHAN25 Coordinate Reference Epoch = 88 01 01

7227		Value	Error	Correlation Matrix:					
X	(mm)	-2831686427.7	5.7	1.000					
Y	(mm)	4675733855.9	6.0	-.514	1.000				
Z	(mm)	3275327812.9	8.5	-.500	.523	1.000			
X vel	(mm/yr)	-24.0	2.1	-.524	.710	.407	1.000		
Y vel	(mm/yr)	-12.7	2.4	.619	-.825	-.379	-.635	1.000	
Z vel	(mm/yr)	-21.2	2.9	.372	-.466	-.064	-.477	.620	1.000
				X	Y	Z	X vel	Y vel	Z vel

Table 4.1 (continued)

Geocentric Cartesian Site Coordinates and Velocities from Global Solution 865

```
SEST         Coordinate Reference Epoch = 88 01 01
 7239                  Value       Error    Correlation Matrix:
X      (mm)     1838237926.4       9.4     1.000
Y      (mm)    -5258699183.2      17.3     -.458    1.000
Z      (mm)    -3100588936.5       8.7     -.223     .490    1.000
X vel (mm/yr)             .0        .0      .000     .000     .000    1.000
Y vel (mm/yr)             .0        .0      .000     .000     .000     .000    1.000
Z vel (mm/yr)             .0        .0      .000     .000     .000     .000     .000    1.000
                                              X        Y        Z     X vel    Y vel    Z vel
```

```
SHANGHAI     Coordinate Reference Epoch = 88 01 01
 7226                  Value       Error    Correlation Matrix:
X      (mm)    -2847697786.3     109.3     1.000
Y      (mm)     4659872764.8      96.7     -.934    1.000
Z      (mm)     3283958748.5      87.3     -.954     .934    1.000
X vel (mm/yr)          -24.0       2.1      .026    -.018    -.017    1.000
Y vel (mm/yr)          -12.7       2.4     -.016     .038     .031    -.635    1.000
Z vel (mm/yr)          -21.2       2.9     -.014     .022     .055    -.477     .620    1.000
                                              X        Y        Z     X vel    Y vel    Z vel
```

```
SINTOTU      Coordinate Reference Epoch = 88 01 01
 7315                  Value       Error    Correlation Matrix:
X      (mm)    -3642141628.2      84.3     1.000
Y      (mm)     2861496664.3      80.8      .253    1.000
Z      (mm)     4370361744.7      61.1     -.544     .657    1.000
X vel (mm/yr)             .0        .0      .000     .000     .000    1.000
Y vel (mm/yr)             .0        .0      .000     .000     .000     .000    1.000
Z vel (mm/yr)             .0        .0      .000     .000     .000     .000     .000    1.000
                                              X        Y        Z     X vel    Y vel    Z vel
```

```
SNDPOINT     Coordinate Reference Epoch = 88 01 01
 7280                  Value       Error    Correlation Matrix:
X      (mm)    -3425461717.0       8.0     1.000
Y      (mm)    -1214669083.3       5.0      .789    1.000
Z      (mm)     5223858228.0      12.5     -.915    -.806    1.000
X vel (mm/yr)          -22.6       4.7     -.648    -.545     .628    1.000
Y vel (mm/yr)            6.3       2.7     -.589    -.712     .604     .810    1.000
Z vel (mm/yr)           -9.5       7.0      .644     .574    -.634    -.959    -.828    1.000
                                              X        Y        Z     X vel    Y vel    Z vel
```

```
SOURDOGH     Coordinate Reference Epoch = 88 01 01
 7281                  Value       Error    Correlation Matrix:
X      (mm)    -2419993311.6       8.5     1.000
Y      (mm)    -1664228705.3       6.8      .756    1.000
Z      (mm)     5643538210.2      19.8     -.892    -.887    1.000
X vel (mm/yr)          -25.8       4.0      .850     .665    -.784    1.000
Y vel (mm/yr)            8.3       3.0      .695     .809    -.769     .821    1.000
Z vel (mm/yr)          -23.0       9.2     -.785    -.734     .844    -.929    -.909    1.000
                                              X        Y        Z     X vel    Y vel    Z vel
```

```
SOURDOGH     Coordinate Reference Epoch = 88 01 01   Episodic date: 87 12 01
 7281                  Value       Error    Correlation Matrix:
X      (mm)    -2419993301.4       6.4     1.000
Y      (mm)    -1664228733.0       4.9      .842    1.000
Z      (mm)     5643538268.8      14.9     -.906    -.890    1.000
X vel (mm/yr)          -25.8       4.0     -.688    -.558     .657    1.000
Y vel (mm/yr)            8.3       3.0     -.571    -.646     .630     .821    1.000
Z vel (mm/yr)          -23.0       9.2      .659     .619    -.701    -.929    -.909    1.000
                                              X        Y        Z     X vel    Y vel    Z vel
```

```
TITIJIMA     Coordinate Reference Epoch = 88 01 01
 7316                  Value       Error    Correlation Matrix:
X      (mm)    -4489356525.4     112.5     1.000
Y      (mm)     3482989584.0     124.5      .069    1.000
Z      (mm)     2887931186.9      71.8     -.884     .361    1.000
X vel (mm/yr)             .0        .0      .000     .000     .000    1.000
Y vel (mm/yr)             .0        .0      .000     .000     .000     .000    1.000
Z vel (mm/yr)             .0        .0      .000     .000     .000     .000     .000    1.000
                                              X        Y        Z     X vel    Y vel    Z vel
```

Table 4.1 (continued)

Geocentric Cartesian Site Coordinates and Velocities from Global Solution 865

TROMSONO Coordinate Reference Epoch = 88 01 01

7602	Value	Error	Correlation Matrix:					
X (mm)	2102904362.7	6.4	1.000					
Y (mm)	721602382.5	4.7	.278	1.000				
Z (mm)	5958201237.7	14.2	.794	.239	1.000			
X vel (mm/yr)	.0	.0	.000	.000	.000	1.000		
Y vel (mm/yr)	.0	.0	.000	.000	.000	.000	1.000	
Z vel (mm/yr)	.0	.0	.000	.000	.000	.000	.000	1.000
			X	Y	Z	X vel	Y vel	Z vel

TRYSILNO Coordinate Reference Epoch = 88 01 01

7607	Value	Error	Correlation Matrix:					
X (mm)	2988029427.7	5.2	1.000					
Y (mm)	655956917.3	2.4	-.026	1.000				
Z (mm)	5578668978.1	9.9	.632	-.225	1.000			
X vel (mm/yr)	.0	.0	.000	.000	.000	1.000		
Y vel (mm/yr)	.0	.0	.000	.000	.000	.000	1.000	
Z vel (mm/yr)	.0	.0	.000	.000	.000	.000	.000	1.000
			X	Y	Z	X vel	Y vel	Z vel

TSUKUBA Coordinate Reference Epoch = 88 01 01

7311	Value	Error	Correlation Matrix:					
X (mm)	-3957172695.5	10.9	1.000					
Y (mm)	3310237980.5	9.9	-.779	1.000				
Z (mm)	3737708994.1	12.7	-.685	.570	1.000			
X vel (mm/yr)	14.8	7.4	.371	-.293	-.248	1.000		
Y vel (mm/yr)	-7.1	6.5	-.309	.395	.254	-.850	1.000	
Z vel (mm/yr)	-27.0	7.5	-.291	.275	.388	-.755	.653	1.000
			X	Y	Z	X vel	Y vel	Z vel

USUDA64 Coordinate Reference Epoch = 88 01 01

7246	Value	Error	Correlation Matrix:					
X (mm)	-3855355126.9	33.1	1.000					
Y (mm)	3427427699.9	29.2	-.937	1.000				
Z (mm)	3740971339.4	38.7	-.666	.588	1.000			
X vel (mm/yr)	.0	.0	.000	.000	.000	1.000		
Y vel (mm/yr)	.0	.0	.000	.000	.000	.000	1.000	
Z vel (mm/yr)	.0	.0	.000	.000	.000	.000	.000	1.000
			X	Y	Z	X vel	Y vel	Z vel

VERNAL Coordinate Reference Epoch = 88 01 01

7290	Value	Error	Correlation Matrix:					
X (mm)	-1631473164.6	3.9	1.000					
Y (mm)	-4589128894.6	9.4	.915	1.000				
Z (mm)	4106759831.0	7.9	-.880	-.929	1.000			
X vel (mm/yr)	-18.0	2.3	-.473	-.447	.428	1.000		
Y vel (mm/yr)	-7.4	5.8	-.439	-.466	.441	.924	1.000	
Z vel (mm/yr)	-2.2	5.0	.406	.426	-.439	-.901	-.954	1.000
			X	Y	Z	X vel	Y vel	Z vel

VICTORIA Coordinate Reference Epoch = 88 01 01

7289	Value	Error	Correlation Matrix:					
X (mm)	-2341309943.4	10.4	1.000					
Y (mm)	-3539083831.5	15.7	.928	1.000				
Z (mm)	4745768321.8	20.1	-.939	-.953	1.000			
X vel (mm/yr)	.0	.0	.000	.000	.000	1.000		
Y vel (mm/yr)	.0	.0	.000	.000	.000	.000	1.000	
Z vel (mm/yr)	.0	.0	.000	.000	.000	.000	.000	1.000
			X	Y	Z	X vel	Y vel	Z vel

VNDNBERG Coordinate Reference Epoch = 88 01 01

7223	Value	Error	Correlation Matrix:					
X (mm)	-2678094609.4	.9	1.000					
Y (mm)	-4525450795.5	1.9	.561	1.000				
Z (mm)	3597410092.4	2.6	-.724	-.450	1.000			
X vel (mm/yr)	-31.6	.4	-.155	-.091	.076	1.000		
Y vel (mm/yr)	33.6	.8	-.138	.051	.150	.756	1.000	
Z vel (mm/yr)	18.6	.7	.082	.126	-.085	-.775	-.791	1.000
			X	Y	Z	X vel	Y vel	Z vel

Table 4.1 (continued)

Geocentric Cartesian Site Coordinates and Velocities from Global Solution 865

```
WESTFORD      Coordinate Reference Epoch = 88 01 01
  7209               Value      Error     Correlation Matrix:
X      (mm)    1492206805.2        .0     1.000
Y      (mm)   -4458130527.7        .0      .000    1.000
Z      (mm)    4296015440.3        .0      .000     .000    1.000
X vel (mm/yr)            .0        .0      .000     .000     .000   1.000
Y vel (mm/yr)            .0        .0      .000     .000     .000    .000   1.000
Z vel (mm/yr)            .0        .0      .000     .000     .000    .000    .000   1.000
                                            X        Y        Z     X vel   Y vel   Z vel

WETTZELL      Coordinate Reference Epoch = 88 01 01
  7224               Value      Error     Correlation Matrix:
X      (mm)    4075540189.8       1.7     1.000
Y      (mm)     931735049.9       1.0    -.787    1.000
Z      (mm)    4801629249.9       4.1      .163    -.496    1.000
X vel (mm/yr)         -16.1        .7      .200    -.115    -.187   1.000
Y vel (mm/yr)          17.0        .4     -.269     .104     .023   -.865   1.000
Z vel (mm/yr)           6.8       1.0      .124    -.250     .410    .301   -.519   1.000
                                            X        Y        Z     X vel   Y vel   Z vel

WHTHORSE      Coordinate Reference Epoch = 88 01 01
  7284               Value      Error     Correlation Matrix:
X      (mm)   -2215213376.1      18.8     1.000
Y      (mm)   -2209261512.6      15.1      .837    1.000
Z      (mm)    5540292367.4      36.6     -.848    -.938    1.000
X vel (mm/yr)          20.2       8.6      .683     .704    -.719   1.000
Y vel (mm/yr)          41.3       8.1      .606     .779    -.730    .897   1.000
Z vel (mm/yr)         -83.4      19.4     -.622    -.735     .775   -.924   -.942   1.000
                                            X        Y        Z     X vel   Y vel   Z vel

WHTHORSE      Coordinate Reference Epoch = 88 01 01   Episodic date: 87 12 01
  7284               Value      Error     Correlation Matrix:
X      (mm)   -2215213489.8      10.3     1.000
Y      (mm)   -2209261613.9       9.8      .886    1.000
Z      (mm)    5540292552.9      23.5     -.898    -.930    1.000
X vel (mm/yr)          20.2       8.6     -.886    -.783     .806   1.000
Y vel (mm/yr)          41.3       8.1     -.794    -.873     .826    .897   1.000
Z vel (mm/yr)         -83.4      19.4      .819     .828    -.885   -.924   -.942   1.000
                                            X        Y        Z     X vel   Y vel   Z vel

YAKATAGA      Coordinate Reference Epoch = 88 01 01
  7277               Value      Error     Correlation Matrix:
X      (mm)   -2529744055.4       7.5     1.000
Y      (mm)   -1942091280.9       6.3      .846    1.000
Z      (mm)    5505027946.4      15.7     -.890    -.909    1.000
X vel (mm/yr)         -28.9       4.3      .635     .558    -.595   1.000
Y vel (mm/yr)          22.2       3.5      .572     .596    -.575    .825   1.000
Z vel (mm/yr)          37.0       9.1     -.592    -.560     .627   -.906   -.924   1.000
                                            X        Y        Z     X vel   Y vel   Z vel

YAKATAGA      Coordinate Reference Epoch = 88 01 01   Episodic date: 87 12 01
  7277               Value      Error     Correlation Matrix:
X      (mm)   -2529744072.3       7.4     1.000
Y      (mm)   -1942091235.3       6.1      .832    1.000
Z      (mm)    5505027807.4      15.7     -.887    -.905    1.000
X vel (mm/yr)         -28.9       4.3     -.762    -.613     .688   1.000
Y vel (mm/yr)          22.2       3.5     -.622    -.735     .697    .825   1.000
Z vel (mm/yr)          37.0       9.1      .695     .694    -.759   -.906   -.924   1.000
                                            X        Y        Z     X vel   Y vel   Z vel

YELLOWKN      Coordinate Reference Epoch = 88 01 01
  7285               Value      Error     Correlation Matrix:
X      (mm)   -1224124353.9       5.4     1.000
Y      (mm)   -2689530614.6      11.5      .875    1.000
Z      (mm)    5633555257.4      23.9     -.870    -.941    1.000
X vel (mm/yr)            .0        .0      .000     .000     .000   1.000
Y vel (mm/yr)            .0        .0      .000     .000     .000    .000   1.000
Z vel (mm/yr)            .0        .0      .000     .000     .000    .000    .000   1.000
                                            X        Y        Z     X vel   Y vel   Z vel
```

Table 4.1 (continued)

Geocentric Cartesian Site Coordinates and Velocities from Global Solution 865

YLOW7296 Coordinate Reference Epoch = 88 01 01

7296	Value	Error	Correlation Matrix:					
X (mm)	-1224399278.2	1.9	1.000					
Y (mm)	-2689273198.0	3.1	.426	1.000				
Z (mm)	5633620223.2	5.0	-.212	-.774	1.000			
X vel (mm/yr)	.0	.0	.000	.000	.000	1.000		
Y vel (mm/yr)	.0	.0	.000	.000	.000	.000	1.000	
Z vel (mm/yr)	.0	.0	.000	.000	.000	.000	.000	1.000
			X	Y	Z	X vel	Y vel	Z vel

YUMA Coordinate Reference Epoch = 88 01 01

7894	Value	Error	Correlation Matrix:					
X (mm)	-2196777795.4	2.9	1.000					
Y (mm)	-4887337032.4	6.4	.908	1.000				
Z (mm)	3448425191.5	4.9	-.873	-.857	1.000			
X vel (mm/yr)	-21.5	2.2	.559	.526	-.463	1.000		
Y vel (mm/yr)	-9.8	4.8	.520	.560	-.467	.954	1.000	
Z vel (mm/yr)	-1.0	3.4	-.496	-.511	.490	-.924	-.951	1.000
			X	Y	Z	X vel	Y vel	Z vel

Table 4.2

Geocentric Cartesian Coordinates for HRAS 085 7216

Date YY	MM	DD	X (mm)	SIGMA (mm)	Y (mm)	SIGMA (mm)	Z (mm)	SIGMA (mm)
80	9	1	-1324210825.2	2.5	-5332023178.7	8.3	3232118354.6	6.0
80	11	1	-1324210826.0	2.6	-5332023176.7	8.3	3232118349.3	6.0
81	1	1	-1324210823.0	4.2	-5332023179.1	8.5	3232118350.8	7.2
81	3	1	-1324210824.8	4.7	-5332023180.9	8.5	3232118350.7	7.7
81	5	1	-1324210827.9	4.4	-5332023182.8	8.2	3232118350.2	7.8
81	7	1	-1324210833.8	3.3	-5332023185.3	7.7	3232118348.7	7.5
81	9	1	-1324210837.8	3.7	-5332023186.8	7.5	3232118348.3	7.0
81	11	1	-1324210833.6	2.5	-5332023185.8	6.9	3232118351.1	5.6
82	1	1	-1324210841.0	3.1	-5332023187.2	7.0	3232118349.7	6.0
82	3	1	-1324210845.2	3.8	-5332023187.0	7.2	3232118349.8	6.6
82	5	1	-1324210844.5	3.6	-5332023185.8	7.1	3232118351.8	6.3
82	7	1	-1324210840.0	2.7	-5332023183.4	6.6	3232118355.1	5.5
82	9	1	-1324210842.0	3.6	-5332023179.8	6.6	3232118356.3	5.9
82	11	1	-1324210840.5	2.7	-5332023176.0	6.0	3232118357.9	5.3
83	1	1	-1324210836.0	2.2	-5332023175.2	5.9	3232118357.0	5.1
83	3	1	-1324210843.6	3.4	-5332023171.6	6.3	3232118353.6	6.1
83	5	1	-1324210841.6	3.1	-5332023167.3	6.2	3232118353.6	6.3
83	7	1	-1324210839.2	2.4	-5332023164.7	5.7	3232118354.1	6.0
83	9	1	-1324210840.5	2.5	-5332023163.8	5.5	3232118351.2	5.9
83	11	1	-1324210842.1	2.1	-5332023157.9	5.3	3232118351.4	5.1
84	1	1	-1324210837.8	2.1	-5332023153.7	5.3	3232118347.4	5.0
84	3	1	-1324210845.1	2.8	-5332023149.6	5.5	3232118340.8	4.9
84	5	1	-1324210835.9	2.3	-5332023147.1	5.3	3232118337.6	4.5
84	7	1	-1324210837.3	2.6	-5332023144.8	5.3	3232118329.2	4.6
84	9	1	-1324210837.3	2.1	-5332023134.5	4.9	3232118333.2	4.4
84	11	1	-1324210841.1	2.3	-5332023125.8	4.9	3232118333.1	4.3
85	1	1	-1324210826.6	2.2	-5332023118.9	4.7	3232118340.3	4.1
85	3	1	-1324210823.3	1.7	-5332023118.9	4.2	3232118340.8	3.6
85	5	1	-1324210823.7	1.7	-5332023122.3	4.1	3232118339.3	3.4
85	7	1	-1324210813.5	2.1	-5332023117.1	4.4	3232118343.7	3.8
85	9	1	-1324210821.5	1.7	-5332023111.1	4.3	3232118338.5	3.6
85	11	1	-1324210814.3	1.9	-5332023107.5	4.2	3232118338.3	3.8
86	1	1	-1324210803.2	2.2	-5332023106.8	4.4	3232118339.9	4.0
86	3	1	-1324210813.0	1.9	-5332023104.7	4.0	3232118338.8	3.6
86	5	1	-1324210821.2	1.7	-5332023110.6	3.9	3232118329.8	3.4
86	7	1	-1324210823.5	1.9	-5332023113.3	4.0	3232118326.3	3.7
86	9	1	-1324210824.0	2.0	-5332023112.6	4.1	3232118323.7	3.9
86	11	1	-1324210826.5	1.5	-5332023107.2	3.6	3232118326.3	3.3

Table 4.2 (continued)

Geocentric Cartesian Coordinates for HRAS 085 7216

Date			X (mm)	SIGMA (mm)	Y (mm)	SIGMA (mm)	Z (mm)	SIGMA (mm)
YY	MM	DD						
87	1	1	-1324210826.1	1.8	-5332023102.5	3.8	3232118324.2	3.4
87	3	1	-1324210826.0	1.7	-5332023097.7	3.7	3232118321.2	3.2
87	5	1	-1324210827.0	1.3	-5332023094.9	3.2	3232118317.9	2.8
87	7	1	-1324210828.7	1.6	-5332023091.2	3.5	3232118320.7	3.0
87	9	1	-1324210832.0	1.6	-5332023097.6	3.5	3232118317.2	3.1
87	11	1	-1324210826.8	1.3	-5332023098.8	3.3	3232118321.1	2.8
88	1	1	-1324210826.9	1.7	-5332023099.5	3.5	3232118320.6	3.1
88	3	1	-1324210830.6	1.4	-5332023103.2	3.1	3232118324.5	2.8
88	5	1	-1324210830.4	1.3	-5332023116.3	3.1	3232118329.2	2.7
88	7	1	-1324210832.6	1.8	-5332023120.9	3.4	3232118329.1	3.4
88	9	1	-1324210833.6	1.3	-5332023118.5	3.0	3232118336.8	2.8
88	11	1	-1324210834.7	1.2	-5332023119.6	2.7	3232118331.6	2.6
89	1	1	-1324210836.0	1.3	-5332023115.1	2.9	3232118331.8	2.7
89	3	1	-1324210832.0	1.6	-5332023120.3	3.1	3232118336.1	3.2
89	5	1	-1324210835.2	1.1	-5332023123.2	2.7	3232118337.7	2.5
89	7	1	-1324210831.6	2.0	-5332023122.1	4.1	3232118344.0	3.6
89	9	1	-1324210831.9	4.8	-5332023121.4	5.9	3232118343.2	5.6
89	11	1	-1324210831.9	5.8	-5332023120.6	6.9	3232118342.6	6.5
90	1	1	-1324210831.8	6.0	-5332023119.7	7.4	3232118342.1	6.7
90	3	1	-1324210831.8	5.3	-5332023118.9	7.4	3232118341.6	6.4
90	5	1	-1324210831.7	3.5	-5332023118.1	7.1	3232118341.1	5.3
90	7	1	-1324210832.8	2.3	-5332023114.2	4.9	3232118336.8	3.7

Table 4.3

Site Velocities in Topocentric Reference Frames

Sitename Monument	Total Rates			Relative to NUVEL			Total Rate		Relative to NUVEL		Error Ellipsoid		
	East mm/yr	North mm/yr	Up mm/yr	East mm/yr	North mm/yr	Up mm/yr	Hor mm/yr	Az deg	Hor mm/yr	Az deg	Amp mm/yr	Az deg	Elev deg
ALGOPARK	-18.0	2.1	2.7	-.2	-1.2	2.7	18.1	276.8	1.2	189.8	1.2	249.5	83.8
7282	.3	.3	1.2				.3	.9	.3	13.3	.3	350.3	1.2
											.2	80.5	6.1
AUSTINTX	-12.7	-4.9	.0	.0	.0	.0	13.6	249.0	.0	.0	.0	.0	.0
7271	.0	.0	.0				.0	.0	.0	.0	.0	.0	.0
											.0	.0	.0
BERMUDA	-12.8	8.7	.0	.0	.0	.0	15.5	304.3	.0	.0	.0	.0	.0
7294	.0	.0	.0				.0	.0	.0	.0	.0	.0	.0
											.0	.0	.0
BLKBUTTE	-21.6	-8.5	-11.4	-9.2	3.4	-11.4	23.2	248.5	9.8	290.4	9.5	172.9	88.6
7269	.9	1.3	9.5				.9	3.1	1.0	7.0	1.3	353.4	1.4
											.9	83.4	.0
BLOOMIND	-15.9	-.2	.0	.0	.0	.0	15.9	269.2	.0	.0	.0	.0	.0
7291	.0	.0	.0				.0	.0	.0	.0	.0	.0	.0
											.0	.0	.0
BREST	17.9	16.4	.0	.0	.0	.0	24.3	47.5	.0	.0	.0	.0	.0
7604	.0	.0	.0				.0	.0	.0	.0	.0	.0	.0
											.0	.0	.0
CARNUSTY	16.4	16.2	.0	.0	.0	.0	23.1	45.4	.0	.0	.0	.0	.0
7603	.0	.0	.0				.0	.0	.0	.0	.0	.0	.0
											.0	.0	.0
CARROLGA	-14.1	.4	.0	.0	.0	.0	14.1	271.5	.0	.0	.0	.0	.0
7228	.0	.0	.0				.0	.0	.0	.0	.0	.0	.0
											.0	.0	.0
CHLBOLTN	18.0	16.1	.0	.0	.0	.0	24.1	48.2	.0	.0	.0	.0	.0
7215	.0	.0	.0				.0	.0	.0	.0	.0	.0	.0
											.0	.0	.0
DEADMANL	-21.6	-9.3	56.7	-9.1	2.9	56.7	23.5	246.8	9.6	287.5	27.1	187.1	87.3
7267	3.0	4.1	27.1				3.4	9.2	2.9	24.6	3.9	13.2	2.7
											2.9	103.2	-.3
DSS15	-19.0	-4.9	-11.7	-6.2	7.4	-11.6	19.6	255.5	9.7	320.2	11.6	26.5	80.1
7231	2.5	3.6	11.4				2.8	9.7	2.7	20.4	3.2	17.0	-9.8
											2.2	107.3	-1.6
DSS45	13.1	51.1	-.4	-5.5	-5.0	-.2	52.8	14.3	7.4	227.3	4.3	6.6	66.6
1642	2.5	3.0	4.0				2.8	3.0	2.4	23.7	3.0	317.1	-15.7
											2.1	52.0	-16.9
DSS65	19.6	14.7	-1.2	.1	-1.7	-1.3	24.5	53.2	1.7	175.5	5.1	30.3	82.3
1665	.8	1.0	5.1				.9	2.0	1.0	27.1	.8	152.9	4.1
											.7	63.3	-6.4
EFLSBERG	18.8	14.2	-3.9	-1.0	-.9	-3.9	23.6	53.0	1.3	230.4	1.3	310.1	70.6
7203	.5	.6	1.2				.6	1.4	.6	24.9	.6	23.5	-5.8
											.3	111.5	18.5
ELY	-20.0	-11.3	-7.6	-5.9	.3	-7.5	22.9	240.5	5.9	273.0	6.5	159.9	87.4
7286	.7	1.0	6.5				.7	2.4	.7	9.3	.9	345.2	2.6
											.7	75.2	-.2

Table 4.3 (continued)

Site Velocities in Topocentric Reference Frames

	Total Rates			Relative to NUVEL			Total Rate		Relative to NUVEL		Error Ellipsoid		
Sitename Monument	East mm/yr	North mm/yr	Up mm/yr	East mm/yr	North mm/yr	Up mm/yr	Hor mm/yr	Az deg	Hor mm/yr	Az deg	Amp mm/yr	Az deg	Elev deg
FD-VLBA	-12.5	-7.4	.0	.0	.0	.0	14.5	239.3	.0	.0	.0	.0	.0
7613	.0	.0	.0				.0	.0	.0	.0	.0	.0	.0
											.0	.0	.0
FLAGSTAF	-16.7	-9.9	9.7	-3.4	.5	9.7	19.4	239.4	3.5	278.5	6.3	134.2	89.9
7261	.7	1.0	6.3				.8	2.7	.7	15.6	1.0	354.7	.1
											.7	84.7	.0
FORT ORD	-43.7	24.2	12.0	-3.5	-1.4	11.9	50.0	299.0	3.7	248.6	6.6	159.1	89.2
7266	.7	.9	6.6				.8	1.0	.7	14.1	.9	351.6	.8
											.7	81.6	-.2
FORTORDS	-43.8	24.2	12.0	-3.5	-1.3	11.9	50.1	298.9	3.7	248.9	6.6	156.9	89.3
7241	.7	.9	6.6				.8	1.0	.7	14.1	.9	351.6	.7
											.7	81.6	-.2
FTD 7900	-12.5	-7.4	.0	.0	.0	.0	14.5	239.3	.0	.0	.0	.0	.0
7900	.0	.0	.0				.0	.0	.0	.0	.0	.0	.0
											.0	.0	.0
GILCREEK	-11.8	-20.1	-1.5	-1.0	1.0	-1.4	23.3	210.4	1.4	314.4	.9	66.8	66.7
7225	.4	.4	.8				.5	.9	.4	18.2	.4	355.8	-8.0
											.2	89.0	-21.8
GOLDVENU	-19.5	-4.9	-5.0	-6.7	7.4	-5.0	20.1	255.8	10.0	317.6	1.1	58.2	84.1
1513	.3	.3	1.1				.3	1.0	.3	1.9	.3	348.6	-2.1
											.3	78.8	-5.5
GORF7102	-16.0	4.7	29.2	-.3	.9	29.2	16.7	286.3	.9	339.8	7.8	209.4	88.7
7102	1.1	1.4	7.8				1.1	4.9	1.4	71.8	1.4	4.7	1.2
											1.1	94.7	.5
GRASSE	21.0	15.0	.0	.0	.0	.0	25.8	54.4	.0	.0	.0	.0	.0
7605	.0	.0	.0				.0	.0	.0	.0	.0	.0	.0
											.0	.0	.0
HALEAKAL	-67.2	34.2	-.3	-6.2	.6	-.4	75.4	297.0	6.3	275.4	.9	319.5	-3.2
7120	.7	.8	.1				.9	.4	.7	6.7	.5	49.4	1.5
											.0	294.7	86.5
HARTRAO	13.2	14.1	1.1	-8.5	-6.9	1.1	19.3	43.0	10.9	230.9	2.8	316.2	49.4
7232	2.2	2.1	2.3				2.2	6.1	2.2	10.7	2.2	48.6	2.1
											1.3	320.5	-40.5
HATCREEK	-22.5	-7.8	-2.4	-8.9	6.2	-2.3	23.8	251.0	10.9	304.7	1.1	91.8	83.7
7218	.3	.3	1.1				.3	.8	.3	1.6	.3	355.7	.7
											.2	85.6	-6.3
HAYSTACK	-16.0	6.0	-.8	.4	.0	-.9	17.1	290.6	.4	86.7	.4	321.3	85.2
7205	.1	.1	.4				.1	.5	.1	19.7	.1	5.2	-3.5
											.1	95.0	3.3
HOBART26	14.4	49.9	11.6	1.0	-6.9	11.7	52.0	16.1	7.0	172.1	5.5	16.4	80.2
7242	2.7	3.2	5.4				3.0	3.2	3.3	21.8	3.3	330.7	-6.9
											2.5	61.6	-7.0
HOHENFRG	20.1	14.5	.0	.0	.0	.0	24.8	54.2	.0	.0	.0	.0	.0
7600	.0	.0	.0				.0	.0	.0	.0	.0	.0	.0
											.0	.0	.0

Table 4.3 (continued)

Site Velocities in Topocentric Reference Frames

Sitename Monument	Total Rates East mm/yr	Total Rates North mm/yr	Total Rates Up mm/yr	Relative to NUVEL East mm/yr	Relative to NUVEL North mm/yr	Relative to NUVEL Up mm/yr	Total Rate Hor mm/yr	Total Rate Az deg	Relative to NUVEL Hor mm/yr	Relative to NUVEL Az deg	Error Ellipsoid Amp mm/yr	Error Ellipsoid Az deg	Error Ellipsoid Elev deg
JPL MV1	-40.7	9.2	4.7	1.1	-14.9	4.6	41.8	282.7	15.0	175.8	5.7	176.9	89.1
7263	.5	.7	5.7				.6	1.0	.7	2.1	.7	347.5	.9
											.5	77.5	.2
KASHIM34	-6.4	-12.0	-6.2	-15.2	5.5	-6.1	13.6	208.1	16.1	289.9	1.9	358.5	45.8
1857	.9	1.4	1.4				1.2	4.8	1.1	4.6	1.0	296.1	-24.2
											.6	44.0	-34.3
KASHIMA	-6.4	-12.0	-6.2	-15.2	5.5	-6.1	13.6	208.1	16.1	289.9	1.9	358.5	45.8
1856	.9	1.4	1.4				1.2	4.8	1.1	4.6	1.0	296.1	-24.2
											.6	44.0	-34.3
KAUAI	-67.3	34.3	.0	-6.2	.5	.0	75.5	297.0	6.3	274.2	.9	318.2	.0
1311	.7	.8	.0				.9	.4	.7	6.6	.5	48.2	.0
											.0	.0	.0
KODIAK	-15.4	-14.0	14.8	-6.7	8.0	14.9	20.8	227.6	10.4	319.9	7.2	120.1	87.9
7278	1.1	1.0	7.2				1.0	2.9	1.0	5.4	1.0	100.0	-2.0
											1.0	10.1	.7
KWAJAL26	-75.2	26.4	-2.4	-6.8	-3.0	-2.4	79.7	289.3	7.4	246.4	4.8	11.7	81.4
4968	1.4	2.0	4.7				1.6	1.3	1.4	15.8	2.0	338.0	-7.2
											1.3	68.6	-4.7
LA-VLBA	-14.0	-8.3	.0	.0	.0	.0	16.3	239.2	.0	.0	.0	.0	.0
7611	.0	.0	.0				.0	.0	.0	.0	.0	.0	.0
											.0	.0	.0
LEONRDOK	-14.7	-4.1	.0	.0	.0	.0	15.2	254.4	.0	.0	.0	.0	.0
7292	.0	.0	.0				.0	.0	.0	.0	.0	.0	.0
											.0	.0	.0
MAMMOTHL	-25.9	-3.1	-1.0	-12.8	10.0	-.9	26.1	263.2	16.3	307.9	17.5	173.6	88.2
7259	1.6	2.2	17.5				1.6	5.0	2.0	6.7	2.2	346.4	1.8
											1.6	76.4	.2
MARCUS	-70.2	24.6	.0	.0	.0	.0	74.4	289.3	.0	.0	.0	.0	.0
7310	.0	.0	.0				.0	.0	.0	.0	.0	.0	.0
											.0	.0	.0
MARPOINT	-15.8	3.9	-4.6	-.3	.3	-4.6	16.3	283.9	.4	310.4	2.2	146.9	89.8
7217	.3	.5	2.2				.3	1.6	.4	59.6	.5	7.5	.2
											.3	97.5	-.2
MATERA	24.7	22.3	-33.5	1.7	8.9	-33.5	33.3	48.0	9.1	10.9	5.2	300.7	86.3
7243	1.3	1.3	5.2				1.4	2.2	1.4	7.9	1.4	27.8	-.2
											1.2	117.8	3.7
MCD 7850	-12.5	-7.5	.0	.0	.0	.0	14.6	239.2	.0	.0	.0	.0	.0
7850	.0	.0	.0				.0	.0	.0	.0	.0	.0	.0
											.0	.0	.0
MEDICINA	22.6	15.4	-1.9	.9	1.1	-2.0	27.3	55.8	1.4	39.1	1.8	313.3	78.0
7230	.7	.8	1.8				.7	1.5	.8	27.7	.8	25.5	-3.7
											.6	114.7	11.4
METSHOVI	21.3	11.8	.0	.0	.0	.0	24.4	61.0	.0	.0	.0	.0	.0
7601	.0	.0	.0				.0	.0	.0	.0	.0	.0	.0
											.0	.0	.0

Table 4.3 (continued)

Site Velocities in Topocentric Reference Frames

Sitename Monument	Total Rates			Relative to NUVEL			Total Rate		Relative to NUVEL		Error Ellipsoid		
	East mm/yr	North mm/yr	Up mm/yr	East mm/yr	North mm/yr	Up mm/yr	Hor mm/yr	Az deg	Hor mm/yr	Az deg	Amp mm/yr	Az deg	Elev deg
MILESMON	-17.0	-8.2	.0	.0	.0	.0	18.9	244.4	.0	.0	.0	.0	.0
7038	.0	.0	.0				.0	.0	.0	.0	.0	.0	.0
											.0	.0	.0
MIYAZAKI	21.8	-15.5	.0	.0	.0	.0	26.8	125.3	.0	.0	.0	.0	.0
7312	.0	.0	.0				.0	.0	.0	.0	.0	.0	.0
											.0	.0	.0
MIZUSGSI	9.5	-17.6	.0	.0	.0	.0	20.0	151.8	.0	.0	.0	.0	.0
7314	.0	.0	.0				.0	.0	.0	.0	.0	.0	.0
											.0	.0	.0
MOJ 7288	-19.2	-4.3	-4.8	-6.5	8.0	-4.7	19.7	257.4	10.3	321.1	.6	86.3	74.3
7288	.2	.2	.6				.2	.7	.3	1.1	.3	339.4	4.7
											.1	68.1	-14.9
MOJAVE12	-19.2	-4.3	-4.8	-6.5	8.0	-4.7	19.7	257.4	10.3	321.1	.6	86.3	74.3
7222	.2	.2	.6				.2	.7	.3	1.0	.3	339.4	4.7
											.1	68.1	-14.9
MON PEAK	-45.8	13.9	-7.2	-3.0	-9.5	-7.3	47.8	286.9	10.0	197.6	3.3	99.6	88.7
7274	.4	.5	3.3				.4	.5	.5	2.2	.5	355.6	.3
											.4	85.6	-1.2
NOBEY 6M	9.2	-16.8	.0	.0	.0	.0	19.2	151.4	.0	.0	.0	.0	.0
7244	.0	.0	.0				.0	.0	.0	.0	.0	.0	.0
											.0	.0	.0
NOME	-2.2	-26.5	9.7	2.2	-3.0	9.8	26.6	184.8	3.7	143.4	6.1	135.7	87.0
7279	.8	1.2	6.0				1.2	1.9	1.2	13.6	1.2	347.2	2.6
											.8	77.1	-1.6
NOTO	18.1	20.5	4.8	-5.0	6.7	4.8	27.3	41.5	8.4	323.6	3.5	330.4	83.4
7547	1.1	1.1	3.4				1.1	2.1	1.0	7.7	1.1	48.9	-1.3
											.9	138.7	6.4
NRAO 140	-16.1	3.0	-1.8	-.5	.4	-1.8	16.3	280.6	.6	313.2	.8	305.8	88.0
7204	.2	.2	.8				.2	.7	.2	16.3	.2	359.5	-1.2
											.2	89.5	1.6
NRAO85 3	-20.5	4.6	5.0	-4.9	2.1	5.0	21.0	282.7	5.3	292.7	1.4	258.1	86.2
7214	.4	.4	1.4				.4	1.1	.4	4.3	.4	345.1	-.2
											.4	75.0	3.8
OCOTILLO	-42.7	23.1	.0	.0	.0	.0	48.5	298.4	.0	.0	.0	.0	.0
7270	.0	.0	.0				.0	.0	.0	.0	.0	.0	.0
											.0	.0	.0
ONSALA60	17.4	12.9	2.7	-2.1	-1.4	2.7	21.6	53.5	2.5	237.0	1.1	310.8	63.7
7213	.5	.6	1.0				.5	1.5	.5	12.9	.6	25.4	-7.5
											.2	111.9	25.0
OVR 7853	-21.9	-4.2	-4.6	-8.9	8.7	-4.5	22.3	259.2	12.4	314.2	1.0	69.7	81.8
7853	.3	.3	1.0				.3	.9	.3	1.3	.3	341.0	-.2
											.2	71.0	-8.2
OVRO 130	-21.9	-4.2	-4.6	-8.9	8.7	-4.5	22.3	259.2	12.4	314.3	1.0	69.7	81.8
7207	.3	.3	1.0				.3	.9	.3	1.3	.3	341.0	-.2
											.2	71.0	-8.2

Table 4.3 (continued)

Site Velocities in Topocentric Reference Frames

Sitename Monument	Total Rates			Relative to NUVEL			Total Rate		Relative to NUVEL		Error Ellipsoid		
	East mm/yr	North mm/yr	Up mm/yr	East mm/yr	North mm/yr	Up mm/yr	Hor mm/yr	Az deg	Hor mm/yr	Az deg	Amp mm/yr	Az deg	Elev deg
PBLOSSOM 7254	-30.8 .8	5.1 1.2	-15.7 8.6	-18.4	17.9	-15.7	31.2 .8	279.5 2.1	25.6 1.0	314.1 2.1	8.6 1.1 .8	173.7 354.3 84.3	88.7 1.3 .0
PENTICTN 7283	-15.8 .8	-11.0 .9	23.5 8.5	.0	2.3	23.5	19.3 .8	235.2 2.7	2.3 .9	359.0 20.3	8.5 .9 .8	216.0 343.1 73.1	88.7 .8 1.0
PIETOWN 7234	-17.7 .3	-9.3 .3	-11.8 1.0	-4.4	-.3	-11.8	20.0 .3	242.2 .9	4.4 .3	266.3 4.2	1.0 .3 .3	54.6 328.5 58.5	86.5 -.2 -3.5
PINFLATS 7256	-31.8 .6	5.8 .7	-1.4 5.9	10.2	-17.6	-1.5	32.4 .6	280.4 1.3	20.3 .7	149.9 1.8	5.9 .7 .6	42.0 347.2 77.2	89.8 -.1 -.2
PLATTVIL 7258	-17.2 .4	-8.6 .5	.4 3.6	-1.8	-.9	.4	19.3 .4	243.4 1.4	2.0 .4	243.4 13.7	3.6 .5 .4	218.1 7.1 97.1	88.1 1.7 1.0
PRESIDIO 7252	-34.2 .6	11.4 .9	-5.2 6.1	-21.6	25.7	-5.1	36.1 .7	288.5 1.3	33.6 .8	319.9 1.2	6.1 .9 .6	151.4 358.3 88.3	88.9 .9 -.5
PT REYES 7251	-37.9 .5	19.4 .7	11.6 4.6	1.2	-6.6	11.5	42.6 .6	297.1 .9	6.7 .7	169.4 4.6	4.6 .7 .5	358.5 353.8 83.8	89.8 -.2 .0
PVERDES 7268	-41.8 .9	16.1 1.1	-11.1 9.1	.6	-8.1	-11.2	44.8 .9	291.1 1.4	8.1 1.1	176.1 6.1	9.1 1.1 .9	199.4 359.2 89.2	89.3 .7 .3
QUINCY 7221	-24.6 .5	-6.8 .6	-5.5 3.7	-11.2	7.0	-5.4	25.5 .5	254.7 1.3	13.2 .5	302.0 2.3	3.7 .6 .5	140.8 1.9 91.9	88.7 1.0 -.8
RICHMOND 7219	-11.2 .0	2.5 .1	.0 .0	.0	.1	.0	11.4 .0	282.4 .5	.1 .1	21.1 .0	.1 .0 .0	21.1 .0 .0	-9.3 .0 .0
ROBLED32 1561	19.6 .8	14.7 1.0	-1.2 5.1	.1	-1.7	-1.3	24.5 .9	53.2 2.0	1.7 1.0	175.5 27.1	5.1 .8 .7	30.3 152.9 63.3	82.3 4.1 -6.4
SANPAULA 7255	-42.3 .9	12.6 1.1	9.3 8.8	-.5	-11.9	9.3	44.1 .9	286.5 1.3	11.9 1.1	182.3 4.1	8.8 1.1 .8	169.0 343.7 73.7	88.9 1.1 .1
SANTIA12 1404	-1.0 .0	9.9 .0	.0 .0	.0	.0	.0	9.9 .0	354.5 .0	.0 .0	.0 .0	.0 .0 .0	.0 .0 .0	.0 .0 .0
SEATTLE1 7229	-15.0 24.3	-11.2 2.2	-22.7 75.5	.0	3.0	-22.6	18.7 19.4	233.2 45.2	3.0 2.2	359.7 463.2	79.2 4.2 2.2	90.5 83.2 353.9	72.4 -17.5 2.1
SESHAN25 7227	27.1 1.4	-19.0 1.9	-9.6 3.6	3.8	-5.1	-9.5	33.1 1.6	125.0 2.9	6.4 1.8	143.1 13.6	3.7 1.8 1.3	15.3 342.6 74.0	76.6 -11.3 -7.1

Table 4.3 (continued)

Site Velocities in Topocentric Reference Frames

	Total Rates			Relative to NUVEL			Total Rate		Relative to NUVEL		Error Ellipsoid		
Sitename Monument	East mm/yr	North mm/yr	Up mm/yr	East mm/yr	North mm/yr	Up mm/yr	Hor mm/yr	Az deg	Hor mm/yr	Az deg	Amp mm/yr	Az deg	Elev deg
SEST 7239	-1.6	9.9	.0	.0	.0	.0	10.0	351.0	.0	.0	.0	.0	.0
	.0	.0	.0				.0	.0	.0	.0	.0	.0	.0
											.0	.0	.0
SHANGHAI 7226	27.1	-19.0	-9.6	3.9	-5.1	-9.5	33.1	125.1	6.4	142.9	3.7	14.7	76.7
	1.4	1.9	3.6				1.6	2.9	1.8	13.6	1.8	342.8	-11.3
											1.3	74.1	-6.8
SINTOTU 7315	10.3	-17.8	.0	.0	.0	.0	20.6	149.9	.0	.0	.0	.0	.0
	.0	.0	.0				.0	.0	.0	.0	.0	.0	.0
											.0	.0	.0
SNDPOINT 7280	-13.5	-21.2	3.1	-7.6	2.0	3.2	25.1	212.4	7.8	284.5	8.7	107.3	85.6
	1.6	1.1	8.6				1.2	3.5	1.6	8.1	1.4	102.8	-4.4
											1.1	12.8	.3
SOURDOGH 7281	-21.5	-25.2	-12.8	-10.2	-4.6	-12.7	33.1	220.4	11.2	245.9	10.3	61.9	89.1
	1.4	1.2	10.3				1.4	2.1	1.5	5.7	1.5	66.5	-.9
											1.1	336.5	-.1
TITIJIMA 7316	-22.1	1.5	.0	.0	.0	.0	22.1	274.0	.0	.0	.0	.0	.0
	.0	.0	.0				.0	.0	.0	.0	.0	.0	.0
											.0	.0	.0
TROMSONO 7602	18.0	12.9	.0	.0	.0	.0	22.1	54.3	.0	.0	.0	.0	.0
	.0	.0	.0				.0	.0	.0	.0	.0	.0	.0
											.0	.0	.0
TRYSILNO 7607	18.7	14.2	.0	.0	.0	.0	23.4	52.9	.0	.0	.0	.0	.0
	.0	.0	.0				.0	.0	.0	.0	.0	.0	.0
											.0	.0	.0
TSUKUBA 7311	-4.0	-12.4	-28.8	-13.0	4.9	-28.7	13.0	198.0	13.8	290.7	11.3	117.1	89.8
	2.7	4.2	11.3				4.3	11.3	2.6	17.6	4.3	13.3	.0
											2.5	103.3	-.2
USUDA64 7246	20.3	-16.3	.0	.0	.0	.0	26.0	128.7	.0	.0	.0	.0	.0
	.0	.0	.0				.0	.0	.0	.0	.0	.0	.0
											.0	.0	.0
VERNAL 7290	-14.4	-10.1	8.5	.5	-.5	8.5	17.6	235.0	.7	132.8	7.9	206.5	88.2
	.8	1.2	7.9				1.0	3.5	1.0	81.1	1.2	359.6	1.6
											.8	89.6	.8
VICTORIA 7289	-14.9	-14.6	.0	.0	.0	.0	20.9	225.5	.0	.0	.0	.0	.0
	.0	.0	.0				.0	.0	.0	.0	.0	.0	.0
											.0	.0	.0
VNDNBERG 7223	-44.3	22.6	.0	-2.2	-2.5	-.1	49.7	297.1	3.3	221.8	1.1	69.8	85.1
	.3	.3	1.1				.3	.3	.3	6.0	.4	330.5	.8
											.2	60.5	-4.8
WESTFORD 7209	-16.5	6.0	.0	.0	.0	.0	17.5	290.0	.0	.0	.0	.0	.0
	.0	.0	.0				.0	.0	.0	.0	.0	.0	.0
											.0	.0	.0
WETTZELL 7224	20.2	13.4	-2.6	-1.1	-.7	-2.7	24.2	56.4	1.3	239.1	1.1	319.2	59.6
	.5	.7	.9				.6	1.4	.6	27.6	.7	32.8	-9.4
											.1	117.6	28.6

Table 4.3 (continued)

Site Velocities in Topocentric Reference Frames

	Total Rates			Relative to NUVEL			Total Rate		Relative to NUVEL		Error Ellipsoid		
Sitename Monument	East mm/yr	North mm/yr	Up mm/yr	East mm/yr	North mm/yr	Up mm/yr	Hor mm/yr	Az deg	Hor mm/yr	Az deg	Amp mm/yr	Az deg	Elev deg
WHTHORSE	-15.0	-3.0	-94.0	-.8	15.2	-93.9	15.3	258.8	15.2	357.0	22.4	218.9	88.9
7284	2.7	2.9	22.4				2.8	10.4	2.9	10.3	3.0	34.9	1.0
											2.5	124.9	.1
YAKATAGA	-35.2	10.3	36.8	-23.2	30.3	36.8	36.7	286.3	38.2	322.5	10.4	95.3	89.0
7277	1.6	1.4	10.4				1.5	2.4	1.2	2.6	1.7	56.6	-.8
											1.2	326.6	.6
YELLOWKN	-19.2	-11.5	.0	.0	.0	.0	22.3	239.1	.0	.0	.0	.0	.0
7285	.0	.0	.0				.0	.0	.0	.0	.0	.0	.0
											.0	.0	.0
YLOW7296	-19.2	-11.5	.0	.0	.0	.0	22.3	239.1	.0	.0	.0	.0	.0
7296	.0	.0	.0				.0	.0	.0	.0	.0	.0	.0
											.0	.0	.0
YUMA	-15.6	-10.5	14.4	-3.3	.8	14.4	18.8	236.0	3.4	284.4	6.2	140.9	89.3
7894	.6	.9	6.2				.7	2.5	.6	14.6	.9	357.6	.5
											.6	87.6	-.4

5.0 Site Positions by Year from GLB867

Tables 5.1 through 5.17 give the Cartesian coordinates for each site on January 1.5 from 1979 through 1995 in the VLBI reference frame. All length units are millimeters. The errors are one-sigma standard statistical errors propagated to the epoch of the table. These errors do not change for a site whose velocity was not adjusted. WESTFORD is the reference station which defines the coordinate system origin.

FORTORDS and PRESIDIO each appear twice in each table. The first set of positions in each table does not take into account any discontinuous motion associated with the October 1989 Loma Prieta earthquake. They are based on the positions of these sites prior to the earthquakes extrapolated to the epoch of the table. The second set of positions is based on the estimated positions after the earthquake. YAKATAGA, SOURDOGH, and WHTHORSE are treated in a similar manner in regard to any discontinuous motion associated with the series of earthquakes in the Gulf of Alaska during the winter of 1987-88. The method used to determine positions and velocities at these sites is described in the text.

Table 5.1

VLBI Site positions at January 1.5, 1979

Name	Monument	X (mm)	Error (mm)	Y (mm)	Error (mm)	Z (mm)	Error (mm)
ALGOPARK	7282	918035125.5	2.9	-4346132236.6	10.5	4561971050.2	10.0
AUSTINTX	7271	-737793568.0	3.7	-5459892238.3	16.1	3202990457.8	9.5
BERMUDA	7294	2307209740.6	8.3	-4874215865.9	27.9	3394317764.2	19.1
BLKBUTTE	7269	-2306306698.8	29.4	-4787914400.2	60.0	3515736468.0	43.0
BLOOMIND	7291	302384726.9	21.7	-4941699036.9	47.5	4007908421.2	37.1
BREST	7604	4228877441.9	11.1	-333104572.6	2.5	4747180767.4	12.0
CARNUSTY	7603	3526416730.5	15.4	-171421458.7	3.9	5294098649.4	20.9
CARROLGA	7228	453520873.2	9.2	-5300506763.4	34.2	3507207364.9	20.6
CHLBOLTN	7215	4008310417.2	7.5	-100651135.2	3.7	4943794566.6	9.8
DEADMANL	7267	-2336819402.8	92.7	-4732586944.1	179.2	3570330038.7	125.6
DSS15	7231	-2353538496.4	37.6	-4641649495.7	77.6	3676670061.6	79.5
DSS45	1642	-4460934543.0	44.2	2682765832.4	32.2	-3674382059.9	28.0
DSS65	1665	4849336983.7	36.1	-360489216.9	7.5	4114748550.7	38.4
EFLSBERG	7203	4033947850.0	7.7	486990128.7	4.6	4900430565.9	11.0
ELY	7286	-2077236030.8	20.6	-4486712681.3	45.0	4018753786.0	37.2
FD-VLBA	7613	-1324008852.2	5.3	-5332181909.1	11.5	3231962483.6	8.3
FLAGSTAF	7261	-1923992413.5	17.9	-4850854492.3	43.3	3658589332.6	32.8
FORT ORD	7266	-2697026393.0	23.6	-4354393587.8	38.2	3788077374.6	32.8
FORTORDS	7241	-2699839884.1	29.4	-4359127361.4	47.2	3781050722.6	40.4
FORTORDS	7241 (1)	-2699839860.2	32.1	-4359127338.5	51.6	3781050760.6	44.2
FTD 7900	7900	-1324227705.6	3.6	-5332063030.3	12.7	3232023061.2	7.7
GILCREEK	7225	-2281546790.6	3.2	-1453645004.4	4.1	5756993263.7	6.7
GOLDVENU	1513	-2351128863.5	4.0	-4655477042.0	7.9	3660956951.7	7.2
GORF7102	7102	1130686847.2	20.4	-4831352997.5	72.7	3994110786.3	59.2
GRASSE	7605	4581698032.9	13.0	556125346.6	3.7	4389351213.4	13.5
HALEAKAL	7120	-5465998222.8	14.4	-2404409024.2	8.9	2242228119.3	8.9
HARTRAO	7232	5085442978.7	31.1	2668263080.2	19.6	-2768697387.3	16.1
HATCREEK	7218	-2523969647.7	4.1	-4123506320.3	7.6	4147752646.0	7.6
HAYSTACK	7205	1492405098.9	1.3	-4457266521.4	2.9	4296881631.2	3.1
HOBART26	7242	-3950235818.9	50.8	2522347532.8	38.1	-4311563311.4	44.3
HOHENFRG	7600	3778215285.7	6.0	698644407.1	2.4	5074053412.6	8.1
JPL MV1	7263	-2493305586.6	18.0	-4655197859.8	33.2	3565519114.8	25.1
KASHIM34	1857	-3997648928.9	9.6	3276690821.4	6.3	3724279055.4	14.7
KASHIMA	1856	-3997891948.2	8.7	3276581328.0	5.6	3724118448.5	14.1
KAUAI	1311	-5543845782.6	4.0	-2054564647.1	5.6	2387813487.6	6.2
KODIAK	7278	-3026939807.9	34.0	-1575911740.9	22.2	5370362561.2	58.9
KWAJAL26	4968	-6143536496.7	34.2	1363996721.0	12.1	1034707131.1	18.4
LA-VLBA	7611	-1449752048.7	.7	-4975298550.8	2.1	3709123968.7	2.0
LEONRDOK	7292	-522231326.3	3.7	-5145676857.9	19.1	3720152325.1	12.7
MAMMOTHL	7259	-2448246502.2	44.8	-4426738303.6	79.9	3875435960.0	66.3
MARCUS	7310	-5227447012.6	15.4	2551378749.3	9.0	2607604546.0	14.2
MARPOINT	7217	1106629643.0	4.7	-4882907189.6	16.1	3938086865.9	13.3
MATERA	7243	4641939344.2	47.9	1393002633.2	17.8	4133325355.3	44.5
MCD 7850	7850	-1330007913.7	2.8	-5328391552.0	10.5	3236502743.0	6.6
MEDICINA	7230	4461370432.2	13.2	919596413.1	6.0	4449558977.0	14.8
METSHOVI	7601	2890653225.4	15.6	1310295024.7	7.1	5513958572.0	23.5
MILESMON	7038	-1204438705.4	9.2	-4239211079.2	30.1	4596266071.8	30.1
MIYAZAKI	7312	-3582767429.2	109.2	4052034149.7	71.7	3369020732.9	112.3
MIZUSGSI	7314	-3862411525.4	43.1	3105015115.5	17.4	4001945061.6	23.9
MOJ 7288	7288	-2356493845.0	6.0	-4646607652.5	11.8	3668426671.1	9.3
MOJAVE12	7222	-2356170724.0	1.6	-4646755855.8	4.6	3668470653.8	4.6
MON PEAK	7274	-2386288981.5	10.4	-4802346816.3	21.5	3444883747.7	15.8
NOBEY 6M	7244	-3871167912.2	9.8	3428274062.2	8.7	3723697820.1	13.1
NOME	7279	-2658150048.0	26.7	-693821861.6	12.1	5737236689.7	48.2
NOTO	7547	4934563558.9	29.4	1321200858.8	12.2	3806484203.0	26.9

(continued)

VLBI Site positions at January 1.5, 1979

Name	Monument	X (mm)	Error (mm)	Y (mm)	Error (mm)	Z (mm)	Error (mm)
NRAO 140	7204	882880226.3	1.6	-4924482314.6	5.9	3944130579.6	5.2
NRAO85 3	7214	882325916.4	4.6	-4925137978.3	13.8	3943397559.4	11.1
OCOTILLO	7270	-2335600731.8	18.0	-4832244367.2	35.3	3434392368.5	25.8
ONSALA60	7213	3370606453.0	5.4	711917152.2	3.4	5349830545.3	8.3
OVR 7853	7853	-2410420954.8	5.4	-4477800376.2	10.8	3838690368.5	9.3
OVRO 130	7207	-2409600474.4	2.3	-4478349509.5	6.1	3838603261.3	6.0
PBLOSSOM	7254	-2464070658.5	25.7	-4649425597.7	47.8	3593905745.3	36.2
PENTICTN	7283	-2058840092.2	29.2	-3621286365.0	49.2	4814420790.6	62.5
PIETOWN	7234	-1640953396.1	4.0	-5014815998.4	8.8	3575411953.3	7.5
PINFLATS	7256	-2369635528.7	18.9	-4761325163.6	37.5	3511115921.7	28.2
PLATTVIL	7258	-1240707854.7	7.8	-4720454333.4	24.5	4094481659.5	20.5
PRESIDIO	7252	-2707704592.0	22.8	-4257609563.6	36.2	3888374234.9	32.5
PRESIDIO	7252 (1)	-2707704577.1	31.2	-4257609547.0	49.3	3888374205.4	43.8
PT REYES	7251	-2732332745.5	20.2	-4217635176.3	30.7	3914490819.6	29.0
PVERDES	7268	-2525452388.7	37.1	-4670035934.9	66.6	3522886534.2	49.9
QUINCY	7221	-2517230604.6	13.5	-4198595183.1	22.8	4076531326.7	21.5
RICHMOND	7219	961258291.3	1.0	-5674090039.4	1.9	2740533681.4	1.4
ROBLED32	1561	4849245501.1	44.7	-360278565.2	9.7	4114884275.6	38.2
SANPAULA	7255	-2554476267.5	35.2	-4608627642.9	63.4	3582138068.7	47.9
SANTIA12	1404	1769693011.7	8.6	-5044504368.6	16.1	-3468435223.9	9.2
SEATTLE1	7229	-2295347674.7	89.6	-3638029431.4	647.5	4693408742.6	644.2
SESHAN25	7227	-2831686215.4	22.4	4675733909.5	27.2	3275327920.0	27.5
SEST	7239	1838237925.5	9.4	-5258699137.7	17.3	-3100589014.2	8.7
SHANGHAI	7226	-2847697574.3	110.4	4659872818.8	98.4	3283958855.8	89.6
SINTOTU	7315	-3642141484.5	84.3	2861496669.4	80.8	4370361861.2	61.1
SNDPOINT	7280	-3425461538.4	47.6	-1214669075.9	28.0	5223858346.8	71.8
SOURDOGH	7281	-2419993118.1	28.9	-1664228695.4	21.9	5643538296.0	66.9
SOURDOGH	7281 (2)	-2419993108.0	40.5	-1664228723.1	30.5	5643538354.6	93.8
TITIJIMA	7316	-4489356652.2	112.5	3482989430.8	124.5	2887931174.6	71.8
TROMSONO	7602	2102904518.3	6.4	721602265.0	4.7	5958201197.0	14.2
TRYSILNO	7607	2988029572.7	5.2	655956777.0	2.4	5578668916.8	9.9
TSUKUBA	7311	-3957172573.9	63.0	3310237983.6	55.3	3737709120.1	63.2
USUDA64	7246	-3855354941.1	33.1	3427427779.5	29.2	3740971458.0	38.7
VERNAL	7290	-1631473018.9	23.0	-4589128887.2	57.6	4106759897.2	49.3
VICTORIA	7289	-2341309777.6	10.4	-3539083823.6	15.7	4745768409.4	20.1
VNDNBERG	7223	-2678094348.7	4.2	-4525451098.1	7.8	3597409905.9	7.1
WESTFORD	7209 ref	1492206957.2	.0	-4458130515.2	.0	4296015400.4	.0
WETTZELL	7224	4075540325.5	5.8	931734884.6	3.5	4801629166.7	8.2
WHTHORSE	7284	-2215213185.3	66.0	-2209261502.6	61.7	5540292447.7	148.1
WHTHORSE	7284 (2)	-2215213299.1	86.6	-2209261604.0	81.5	5540292633.2	195.7
YAKATAGA	7277	-2529743866.3	34.7	-1942091271.5	28.6	5505028036.6	72.7
YAKATAGA	7277 (2)	-2529743883.1	44.9	-1942091225.9	36.7	5505027897.6	93.9
YELLOWKN	7285	-1224124159.2	5.4	-2689530603.0	11.5	5633555305.3	23.9
YLOW7296	7296	-1224399083.6	1.9	-2689273186.3	3.1	5633620271.1	5.0
YUMA	7894	-2196777671.5	18.2	-4887337027.4	40.2	3448425277.5	28.6

Notes:

(1) Positions after the October 1989 Loma Prieta earthquake extrapolated to the site reference epoch.

(2) Positions after the winter 1987-88 Gulf of Alaska earthquakes extrapolated to the site reference epoch.

ref Reference station which defines the coordinate system origin.

Table 5.2

VLBI Site positions at January 1.5, 1980

Name	Monument	X (mm)	Error (mm)	Y (mm)	Error (mm)	Z (mm)	Error (mm)
ALGOPARK	7282	918035107.6	2.6	-4346132237.9	9.6	4561971052.5	9.2
AUSTINTX	7271	-737793580.9	3.7	-5459892239.0	16.1	3202990453.6	9.5
BERMUDA	7294	2307209727.0	8.3	-4874215867.2	27.9	3394317771.5	19.1
BLKBUTTE	7269	-2306306712.8	25.9	-4787914400.7	52.8	3515736458.0	37.9
BLOOMIND	7291	302384711.0	21.7	-4941699038.0	47.5	4007908421.0	37.1
BREST	7604	4228877431.1	11.1	-333104553.8	2.5	4747180778.4	12.0
CARNUSTY	7603	3526416717.9	15.4	-171421441.6	3.9	5294098658.4	20.9
CARROLGA	7228	453520859.2	9.2	-5300506764.4	34.2	3507207365.2	20.6
CHLBOLTN	7215	4008310405.2	7.5	-100651116.9	3.7	4943794576.7	9.8
DEADMANL	7267	-2336819417.0	82.0	-4732586944.7	158.6	3570330028.7	111.1
DSS15	7231	-2353538510.9	33.7	-4641649496.2	69.6	3676670051.6	71.2
DSS45	1642	-4460934580.3	40.4	2682765833.2	29.3	-3674382014.0	25.4
DSS65	1665	4849336974.6	32.6	-360489196.7	6.7	4114748563.2	34.7
EFLSBERG	7203	4033947836.2	6.9	486990147.0	4.2	4900430575.5	10.0
ELY	7286	-2077236046.7	18.5	-4486712682.1	40.3	4018753777.0	33.3
FD-VLBA	7613	-1324008865.2	5.3	-5332181909.7	11.5	3231962477.2	8.3
FLAGSTAF	7261	-1923992428.1	15.9	-4850854492.9	38.6	3658589324.1	29.2
FORT ORD	7266	-2697026419.2	20.8	-4354393553.7	33.7	3788077395.1	29.0
FORTORDS	7241	-2699839910.4	26.6	-4359127327.2	42.8	3781050743.1	36.6
FORTORDS	7241 (1)	-2699839886.5	29.3	-4359127304.4	47.1	3781050781.2	40.3
FTD 7900	7900	-1324227718.6	3.6	-5332063031.0	12.7	3232023054.8	7.7
GILCREEK	7225	-2281546812.5	2.8	-1453645005.6	3.7	5756993254.7	6.0
GOLDVENU	1513	-2351128878.1	3.7	-4655477042.6	7.1	3660956941.6	6.5
GORF7102	7102	1130686831.4	18.7	-4831352998.7	66.7	3994110789.3	54.3
GRASSE	7605	4581698020.1	13.0	556125366.2	3.7	4389351224.2	13.5
HALEAKAL	7120	-5465998236.5	14.3	-2404408963.7	8.5	2242228150.7	8.6
HARTRAO	7232	5085442976.7	28.4	2668263103.6	17.8	-2768697368.4	14.6
HATCREEK	7218	-2523969663.9	3.7	-4123506320.9	6.9	4147752635.4	6.9
HAYSTACK	7205	1492405082.0	1.2	-4457266522.8	2.7	4296881635.7	2.8
HOBART26	7242	-3950235858.5	46.5	2522347542.2	34.7	-4311563269.6	40.4
HOHENFRG	7600	3778215270.7	6.0	698644424.7	2.4	5074053421.3	8.1
JPL MV1	7263	-2493305617.1	15.7	-4655197828.2	29.1	3565519134.8	22.0
KASHIM34	1857	-3997648942.4	8.7	3276690821.0	5.7	3724279041.3	13.0
KASHIMA	1856	-3997891961.6	7.8	3276581327.7	5.0	3724118434.3	12.4
KAUAI	1311	-5543845791.9	3.8	-2054564585.6	5.0	2387813518.9	5.7
KODIAK	7278	-3026939828.4	30.6	-1575911741.9	20.0	5370362549.4	52.9
KWAJAL26	4968	-6143536477.2	29.9	1363996786.7	10.6	1034707160.1	16.2
LA-VLBA	7611	-1449752063.5	.7	-4975298551.5	2.1	3709123962.0	2.0
LEONRDOK	7292	-522231341.1	3.7	-5145676858.8	19.1	3720152321.8	12.7
MAMMOTHL	7259	-2448246517.5	38.1	-4426738304.2	67.8	3875435949.6	56.3
MARCUS	7310	-5227446972.8	15.4	2551378807.9	9.0	2607604568.5	14.2
MARPOINT	7217	1106629627.4	4.2	-4882907190.8	14.5	3938086868.8	11.9
MATERA	7243	4641939329.2	44.0	1393002652.7	16.3	4133325365.4	40.9
MCD 7850	7850	-1330007926.7	2.8	-5328391552.6	10.5	3236502736.6	6.6
MEDICINA	7230	4461370418.1	12.0	919596432.4	5.4	4449558987.2	13.4
METSHOVI	7601	2890653207.3	15.6	1310295039.9	7.1	5513958577.8	23.5
MILESMON	7038	-1204438723.4	9.2	-4239211080.3	30.1	4596266066.2	30.1
MIYAZAKI	7312	-3582767451.0	109.2	4052034141.4	71.7	3369020719.8	112.3
MIZUSGSI	7314	-3862411539.9	43.1	3105015115.1	17.4	4001945047.9	23.9
MOJ 7288	7288	-2356493859.5	5.9	-4646607653.1	11.6	3668426661.0	9.2
MOJAVE12	7222	-2356170738.6	1.4	-4646755856.4	4.2	3668470643.7	4.2
MON PEAK	7274	-2386289014.1	9.2	-4802346786.0	19.0	3444883767.4	14.1
NOBEY 6M	7244	-3871167925.6	9.8	3428274061.8	8.7	3723697806.5	13.1
NOME	7279	-2658150069.7	24.0	-693821862.7	10.9	5737236679.6	43.0
NOTO	7547	4934563545.0	26.8	1321200878.9	11.1	3806484214.0	24.5

(continued)

VLBI Site positions at January 1.5, 1980

Name	Monument	X (mm)	Error (mm)	Y (mm)	Error (mm)	Z (mm)	Error (mm)
NRAO 140	7204	882880210.7	1.5	-4924482315.8	5.4	3944130581.6	4.7
NRAO85 3	7214	882325900.8	4.2	-4925137979.5	12.7	3943397561.4	10.2
OCOTILLO	7270	-2335600764.8	18.0	-4832244337.4	35.3	3434392387.9	25.8
ONSALA60	7213	3370606437.3	4.8	711917168.8	3.1	5349830553.0	7.4
OVR 7853	7853	-2410420969.9	5.3	-4477800376.8	10.4	3838690358.3	8.9
OVRO 130	7207	-2409600489.5	2.1	-4478349510.1	5.4	3838603251.0	5.4
PBLOSSOM	7254	-2464070672.8	22.3	-4649425598.3	41.6	3593905734.7	31.5
PENTICTN	7283	-2058840110.9	26.4	-3621286366.0	44.5	4814420781.9	56.4
PIETOWN	7234	-1640953410.3	3.6	-5014815999.1	8.0	3575411945.8	6.9
PINFLATS	7256	-2369635560.6	16.7	-4761325133.4	33.1	3511115941.2	25.0
PLATTVIL	7258	-1240707870.9	7.0	-4720454334.3	21.8	4094481653.6	18.3
PRESIDIO	7252	-2707704607.3	20.3	-4257609564.2	32.1	3888374223.6	28.8
PRESIDIO	7252 (1)	-2707704592.4	28.7	-4257609547.6	45.2	3888374194.1	40.1
PT REYES	7251	-2732332769.7	18.2	-4217635141.6	27.6	3914490840.1	26.2
PVERDES	7268	-2525452419.5	33.4	-4670035903.0	60.0	3522886554.4	44.9
QUINCY	7221	-2517230620.6	12.1	-4198595183.7	20.4	4076531316.1	19.3
RICHMOND	7219	961258280.0	1.0	-5674090040.3	1.8	2740533683.5	1.3
ROBLED32	1561	4849245492.0	43.6	-360278545.0	9.4	4114884288.1	36.7
SANPAULA	7255	-2554476297.4	31.6	-4608627610.6	57.0	3582138088.9	43.0
SANTIA12	1404	1769693012.6	8.6	-5044504374.0	16.1	-3468435215.6	9.2
SEATTLE1	7229	-2295347693.0	81.6	-3638029432.3	591.7	4693408733.0	588.5
SESHAN25	7227	-2831686239.0	20.3	4675733903.5	24.7	3275327908.2	24.8
SEST	7239	1838237925.6	9.4	-5258699142.7	17.3	-3100589005.6	8.7
SHANGHAI	7226	-2847697597.8	110.2	4659872812.8	98.0	3283958843.9	89.0
SINTOTU	7315	-3642141500.4	84.3	2861496668.8	80.8	4370361848.2	61.1
SNDPOINT	7280	-3425461558.2	43.0	-1214669076.7	25.3	5223858333.6	64.9
SOURDOGH	7281	-2419993139.6	25.0	-1664228696.5	19.0	5643538286.5	57.8
SOURDOGH	7281 (2)	-2419993129.5	36.5	-1664228724.2	27.5	5643538345.1	84.6
TITIJIMA	7316	-4489356638.1	112.5	3482989447.8	124.5	2887931175.9	71.8
TROMSONO	7602	2102904501.0	6.4	721602278.0	4.7	5958201201.5	14.2
TRYSILNO	7607	2988029556.6	5.2	655956792.6	2.4	5578668923.6	9.9
TSUKUBA	7311	-3957172587.4	55.7	3310237983.2	48.9	3737709106.1	55.9
USUDA64	7246	-3855354961.7	33.1	3427427770.7	29.2	3740971444.8	38.7
VERNAL	7290	-1631473035.1	20.7	-4589128888.0	51.8	4106759889.8	44.4
VICTORIA	7289	-2341309796.0	10.4	-3539083824.5	15.7	4745768399.7	20.1
VNDNBERG	7223	-2678094377.6	3.8	-4525451064.5	7.0	3597409926.6	6.4
WESTFORD	7209 ref	1492206940.3	.0	-4458130516.6	.0	4296015404.9	.0
WETTZELL	7224	4075540310.4	5.2	931734903.0	3.1	4801629176.0	7.3
WHTHORSE	7284	-2215213206.5	57.6	-2209261503.7	53.7	5540292438.8	128.9
WHTHORSE	7284 (2)	-2215213320.3	78.0	-2209261605.1	73.4	5540292624.3	176.4
YAKATAGA	7277	-2529743887.3	30.4	-1942091272.5	25.1	5505028026.6	63.8
YAKATAGA	7277 (2)	-2529743904.1	40.6	-1942091227.0	33.1	5505027887.6	85.0
YELLOWKN	7285	-1224124180.9	5.4	-2689530604.3	11.5	5633555299.9	23.9
YLOW7296	7296	-1224399105.2	1.9	-2689273187.6	3.1	5633620265.8	5.0
YUMA	7894	-2196777685.2	16.0	-4887337028.0	35.4	3448425267.9	25.3

Notes:

(1) Positions after the October 1989 Loma Prieta earthquake extrapolated to the site reference epoch.

(2) Positions after the winter 1987-88 Gulf of Alaska earthquakes extrapolated to the site reference epoch.

ref Reference station which defines the coordinate system origin.

Table 5.3

VLBI Site positions at January 1.5, 1981

Name	Monument	X (mm)	Error (mm)	Y (mm)	Error (mm)	Z (mm)	Error (mm)
ALGOPARK	7282	918035089.7	2.4	-4346132239.3	8.7	4561971054.8	8.3
AUSTINTX	7271	-737793593.9	3.7	-5459892239.7	16.1	3202990449.4	9.5
BERMUDA	7294	2307209713.4	8.3	-4874215868.5	27.9	3394317778.9	19.1
BLKBUTTE	7269	-2306306726.8	22.4	-4787914401.3	45.7	3515736448.1	32.8
BLOOMIND	7291	302384695.1	21.7	-4941699039.1	47.5	4007908420.8	37.1
BREST	7604	4228877420.3	11.1	-333104534.9	2.5	4747180789.3	12.0
CARNUSTY	7603	3526416705.2	15.4	-171421424.5	3.9	5294098667.5	20.9
CARROLGA	7228	453520845.1	9.2	-5300506765.4	34.2	3507207365.5	20.6
CHLBOLTN	7215	4008310393.1	7.5	-100651098.5	3.7	4943794586.9	9.8
DEADMANL	7267	-2336819431.3	71.3	-4732586945.2	137.9	3570330018.6	96.6
DSS15	7231	-2353538525.6	29.8	-4641649496.8	61.5	3676670041.5	62.8
DSS45	1642	-4460934617.7	36.6	2682765834.0	26.4	-3674381968.0	22.8
DSS65	1665	4849336965.4	29.1	-360489176.4	6.0	4114748575.8	31.0
EFLSBERG	7203	4033947822.2	6.3	486990165.4	3.7	4900430585.1	9.0
ELY	7286	-2077236062.6	16.3	-4486712682.8	35.6	4018753768.0	29.4
FD-VLBA	7613	-1324008878.3	5.3	-5332181910.4	11.5	3231962470.7	8.3
FLAGSTAF	7261	-1923992442.6	14.0	-4850854493.6	33.9	3658589315.5	25.5
FORT ORD	7266	-2697026445.5	18.1	-4354393519.5	29.2	3788077415.7	25.2
FORTORDS	7241	-2699839936.8	23.9	-4359127293.0	38.3	3781050763.8	32.8
FORTORDS	7241 (1)	-2699839912.9	26.5	-4359127270.2	42.5	3781050801.8	36.4
FTD 7900	7900	-1324227731.6	3.6	-5332063031.6	12.7	3232023048.4	7.7
GILCREEK	7225	-2281546834.4	2.5	-1453645006.7	3.3	5756993245.7	5.3
GOLDVENU	1513	-2351128892.6	3.3	-4655477043.2	6.3	3660956931.5	5.9
GORF7102	7102	1130686815.6	17.0	-4831353000.0	60.6	3994110792.3	49.4
GRASSE	7605	4581698007.2	13.0	556125385.8	3.7	4389351235.2	13.5
HALEAKAL	7120	-5465998250.2	14.3	-2404408903.0	8.1	2242228182.3	8.3
HARTRAO	7232	5085442974.7	25.7	2668263127.1	16.0	-2768697349.4	13.1
HATCREEK	7218	-2523969680.3	3.3	-4123506321.6	6.1	4147752624.8	6.2
HAYSTACK	7205	1492405065.1	1.1	-4457266524.2	2.4	4296881640.1	2.5
HOBART26	7242	-3950235898.3	42.2	2522347551.6	31.3	-4311563227.6	36.6
HOHENFRG	7600	3778215255.6	6.0	698644442.5	2.4	5074053430.1	8.1
JPL MV1	7263	-2493305647.6	13.5	-4655197796.5	25.0	3565519154.9	19.0
KASHIM34	1857	-3997648955.9	7.7	3276690820.7	5.1	3724279027.1	11.4
KASHIMA	1856	-3997891975.1	6.8	3276581327.3	4.4	3724118420.1	10.8
KAUAI	1311	-5543845801.3	3.6	-2054564523.8	4.3	2387813550.3	5.3
KODIAK	7278	-3026939848.9	27.1	-1575911742.8	17.8	5370362537.6	47.0
KWAJAL26	4968	-6143536457.7	25.5	1363996852.5	9.0	1034707189.1	14.0
LA-VLBA	7611	-1449752078.3	.7	-4975298552.3	2.1	3709123955.2	2.0
LEONRDOK	7292	-522231356.0	3.7	-5145676859.7	19.1	3720152318.4	12.7
MAMMOTHL	7259	-2448246532.8	31.4	-4426738304.8	55.8	3875435939.2	46.4
MARCUS	7310	-5227446932.9	15.4	2551378866.7	9.0	2607604590.9	14.2
MARPOINT	7217	1106629611.7	3.8	-4882907192.1	12.9	3938086871.7	10.6
MATERA	7243	4641939314.3	40.1	1393002672.3	14.9	4133325375.6	37.3
MCD 7850	7850	-1330007939.8	2.8	-5328391553.3	10.5	3236502730.2	6.6
MEDICINA	7230	4461370403.9	10.7	919596451.7	4.8	4449558997.4	12.1
METSHOVI	7601	2890653189.2	15.6	1310295055.2	7.1	5513958583.7	23.5
MILESMON	7038	-1204438741.4	9.2	-4239211081.3	30.1	4596266060.5	30.1
MIYAZAKI	7312	-3582767472.8	109.2	4052034133.0	71.7	3369020706.6	112.3
MIZUSGSI	7314	-3862411554.5	43.1	3105015114.6	17.4	4001945034.2	23.9
MOJ 7288	7288	-2356493874.1	5.9	-4646607653.7	11.5	3668426650.9	9.0
MOJAVE12	7222	-2356170753.1	1.3	-4646755857.0	3.7	3668470633.6	3.9
MON PEAK	7274	-2386289046.8	8.0	-4802346755.6	16.6	3444883787.1	12.3
NOBEY 6M	7244	-3871167939.1	9.8	3428274061.5	8.7	3723697792.8	13.1
NOME	7279	-2658150091.4	21.3	-693821863.8	9.7	5737236669.4	37.9
NOTO	7547	4934563531.1	24.2	1321200899.1	10.0	3806484225.0	22.2

(continued)

VLBI Site positions at January 1.5, 1981

Name	Monument	X (mm)	Error (mm)	Y (mm)	Error (mm)	Z (mm)	Error (mm)
NRAO 140	7204	882880195.0	1.3	-4924482317.0	4.8	3944130583.7	4.2
NRAO85 3	7214	882325885.1	3.8	-4925137980.7	11.5	3943397563.4	9.3
OCOTILLO	7270	-2335600797.9	18.0	-4832244307.5	35.3	3434392407.4	25.8
ONSALA60	7213	3370606421.5	4.3	711917185.4	2.7	5349830560.7	6.5
OVR 7853	7853	-2410420985.2	5.2	-4477800377.4	10.0	3838690348.0	8.6
OVRO 130	7207	-2409600504.7	1.8	-4478349510.7	4.7	3838603240.7	4.8
PBLOSSOM	7254	-2464070687.1	19.0	-4649425598.9	35.4	3593905724.2	26.9
PENTICTN	7283	-2058840129.6	23.5	-3621286366.9	39.8	4814420773.1	50.3
PIETOWN	7234	-1640953424.6	3.3	-5014815999.8	7.2	3575411938.3	6.3
PINFLATS	7256	-2369635592.5	14.5	-4761325103.1	28.8	3511115960.8	21.7
PLATTVIL	7258	-1240707887.1	6.1	-4720454335.1	19.2	4094481647.7	16.0
PRESIDIO	7252	-2707704622.6	17.7	-4257609564.7	28.0	3888374212.3	25.2
PRESIDIO	7252 (1)	-2707704607.7	26.1	-4257609548.1	41.1	3888374182.8	36.5
PT REYES	7251	-2732332793.9	16.2	-4217635106.8	24.6	3914490860.6	23.3
PVERDES	7268	-2525452450.5	29.7	-4670035871.1	53.3	3522886574.6	39.9
QUINCY	7221	-2517230636.7	10.6	-4198595184.4	18.0	4076531305.5	17.0
RICHMOND	7219	961258268.8	1.0	-5674090041.2	1.8	2740533685.6	1.3
ROBLED32	1561	4849245482.9	42.8	-360278524.8	9.2	4114884300.6	35.6
SANPAULA	7255	-2554476327.3	28.0	-4608627578.2	50.6	3582138109.2	38.2
SANTIA12	1404	1769693013.5	8.6	-5044504379.4	16.1	-3468435207.3	9.2
SEATTLE1	7229	-2295347711.3	73.6	-3638029433.2	535.7	4693408723.4	532.8
SESHAN25	7227	-2831686262.6	18.3	4675733897.6	22.3	3275327896.2	22.2
SEST	7239	1838237925.7	9.4	-5258699147.8	17.3	-3100588996.9	8.7
SHANGHAI	7226	-2847697621.4	109.9	4659872806.8	97.6	3283958832.0	88.5
SINTOTU	7315	-3642141516.4	84.3	2861496668.3	80.8	4370361835.3	61.1
SNDPOINT	7280	-3425461578.1	38.4	-1214669077.6	22.7	5223858320.4	57.9
SOURDOGH	7281	-2419993161.1	21.1	-1664228697.6	16.0	5643538276.9	48.8
SOURDOGH	7281 (2)	-2419993151.0	32.6	-1664228725.3	24.5	5643538335.5	75.5
TITIJIMA	7316	-4489356624.0	112.5	3482989464.9	124.5	2887931177.3	71.8
TROMSONO	7602	2102904483.7	6.4	721602291.1	4.7	5958201206.1	14.2
TRYSILNO	7607	2988029540.5	5.2	655956808.2	2.4	5578668930.4	9.9
TSUKUBA	7311	-3957172601.0	48.5	3310237982.9	42.5	3737709092.1	48.7
USUDA64	7246	-3855354982.4	33.1	3427427761.8	29.2	3740971431.6	38.7
VERNAL	7290	-1631473051.3	18.4	-4589128888.8	46.0	4106759882.5	39.4
VICTORIA	7289	-2341309814.4	10.4	-3539083825.4	15.7	4745768389.9	20.1
VNDNBERG	7223	-2678094406.7	3.4	-4525451030.8	6.1	3597409947.4	5.8
WESTFORD	7209 ref	1492206923.4	.0	-4458130518.0	.0	4296015409.3	.0
WETTZELL	7224	4075540295.3	4.6	931734921.4	2.8	4801629185.2	6.5
WHTHORSE	7284	-2215213227.8	49.3	-2209261504.8	45.8	5540292429.8	109.9
WHTHORSE	7284 (2)	-2215213341.5	69.4	-2209261606.2	65.3	5540292615.3	157.0
YAKATAGA	7277	-2529743908.3	26.2	-1942091273.6	21.6	5505028016.5	54.9
YAKATAGA	7277 (2)	-2529743925.1	36.3	-1942091228.0	29.6	5505027877.5	76.0
YELLOWKN	7285	-1224124202.5	5.4	-2689530605.6	11.5	5633555294.6	23.9
YLOW7296	7296	-1224399126.9	1.9	-2689273188.9	3.1	5633620260.4	5.0
YUMA	7894	-2196777699.0	13.9	-4887337028.5	30.6	3448425258.3	21.9

Notes:

(1) Positions after the October 1989 Loma Prieta earthquake extrapolated to the site reference epoch.
(2) Positions after the winter 1987-88 Gulf of Alaska earthquakes extrapolated to the site reference epoch.
ref Reference station which defines the coordinate system origin.

Table 5.4

VLBI Site positions at January 1.5, 1982

Name	Monument	X (mm)	Error (mm)	Y (mm)	Error (mm)	Z (mm)	Error (mm)
ALGOPARK	7282	918035071.8	2.1	-4346132240.6	7.8	4561971057.1	7.5
AUSTINTX	7271	-737793606.8	3.7	-5459892240.5	16.1	3202990445.2	9.5
BERMUDA	7294	2307209699.9	8.3	-4874215869.7	27.9	3394317786.3	19.1
BLKBUTTE	7269	-2306306740.8	18.9	-4787914401.8	38.6	3515736438.1	27.7
BLOOMIND	7291	302384679.2	21.7	-4941699040.3	47.5	4007908420.7	37.1
BREST	7604	4228877409.5	11.1	-333104516.1	2.5	4747180800.2	12.0
CARNUSTY	7603	3526416692.5	15.4	-171421407.5	3.9	5294098676.5	20.9
CARROLGA	7228	453520831.0	9.2	-5300506766.4	34.2	3507207365.8	20.6
CHLBOLTN	7215	4008310381.1	7.5	-100651080.3	3.7	4943794597.0	9.8
DEADMANL	7267	-2336819445.4	60.7	-4732586945.8	117.4	3570330008.6	82.2
DSS15	7231	-2353538540.1	26.0	-4641649497.4	53.5	3676670031.4	54.4
DSS45	1642	-4460934654.9	32.9	2682765834.8	23.5	-3674381922.2	20.3
DSS65	1665	4849336956.3	25.6	-360489156.2	5.4	4114748588.3	27.2
EFLSBERG	7203	4033947808.4	5.6	486990183.7	3.3	4900430594.7	8.1
ELY	7286	-2077236078.4	14.2	-4486712683.5	31.0	4018753759.0	25.6
FD-VLBA	7613	-1324008891.3	5.3	-5332181911.0	11.5	3231962464.4	8.3
FLAGSTAF	7261	-1923992457.2	12.1	-4850854494.3	29.3	3658589307.0	22.0
FORT ORD	7266	-2697026471.7	15.4	-4354393485.4	24.8	3788077436.3	21.4
FORTORDS	7241	-2699839963.1	21.1	-4359127258.9	33.9	3781050784.3	29.0
FORTORDS	7241 (1)	-2699839939.2	23.7	-4359127236.1	38.0	3781050822.3	32.6
FTD 7900	7900	-1324227744.7	3.6	-5332063032.2	12.7	3232023042.0	7.7
GILCREEK	7225	-2281546856.3	2.2	-1453645007.9	2.9	5756993236.8	4.7
GOLDVENU	1513	-2351128907.1	2.9	-4655477043.8	5.5	3660956921.5	5.3
GORF7102	7102	1130686799.8	15.3	-4831353001.2	54.6	3994110795.2	44.5
GRASSE	7605	4581697994.4	13.0	556125405.4	3.7	4389351246.1	13.5
HALEAKAL	7120	-5465998264.0	14.2	-2404408842.5	7.8	2242228213.8	8.0
HARTRAO	7232	5085442972.8	23.1	2668263150.4	14.2	-2768697330.4	11.7
HATCREEK	7218	-2523969696.5	2.9	-4123506322.3	5.3	4147752614.2	5.5
HAYSTACK	7205	1492405048.2	.9	-4457266525.6	2.1	4296881644.5	2.2
HOBART26	7242	-3950235937.9	37.9	2522347561.0	28.0	-4311563185.8	32.8
HOHENFRG	7600	3778215240.7	6.0	698644460.1	2.4	5074053438.8	8.1
JPL MV1	7263	-2493305678.1	11.3	-4655197764.8	20.9	3565519174.8	16.0
KASHIM34	1857	-3997648969.3	6.8	3276690820.4	4.6	3724279012.9	9.8
KASHIMA	1856	-3997891988.6	5.9	3276581327.0	3.8	3724118406.0	9.2
KAUAI	1311	-5543845810.6	3.4	-2054564462.3	3.7	2387813581.7	4.9
KODIAK	7278	-3026939869.3	23.7	-1575911743.7	15.6	5370362525.8	41.1
KWAJAL26	4968	-6143536438.3	21.2	1363996918.2	7.6	1034707218.0	12.0
LA-VLBA	7611	-1449752093.0	.7	-4975298553.0	2.1	3709123948.4	2.0
LEONRDOK	7292	-522231370.8	3.7	-5145676860.6	19.1	3720152315.1	12.7
MAMMOTHL	7259	-2448246548.1	25.0	-4426738305.4	44.2	3875435928.8	36.8
MARCUS	7310	-5227446893.1	15.4	2551378925.3	9.0	2607604613.4	14.2
MARPOINT	7217	1106629596.1	3.3	-4882907193.3	11.3	3938086874.5	9.3
MATERA	7243	4641939299.4	36.3	1393002691.8	13.5	4133325385.8	33.7
MCD 7850	7850	-1330007952.8	2.8	-5328391553.9	10.5	3236502723.8	6.6
MEDICINA	7230	4461370389.7	9.5	919596471.0	4.3	4449559007.6	10.7
METSHOVI	7601	2890653171.1	15.6	1310295070.3	7.1	5513958589.6	23.5
MILESMON	7038	-1204438759.4	9.2	-4239211082.3	30.1	4596266054.9	30.1
MIYAZAKI	7312	-3582767494.6	109.2	4052034124.7	71.7	3369020693.5	112.3
MIZUSGSI	7314	-3862411569.0	43.1	3105015114.2	17.4	4001945020.5	23.9
MOJ 7288	7288	-2356493888.7	5.9	-4646607654.3	11.3	3668426640.8	8.9
MOJAVE12	7222	-2356170767.7	1.2	-4646755857.6	3.2	3668470623.5	3.6
MON PEAK	7274	-2386289079.5	6.8	-4802346725.3	14.2	3444883806.8	10.6
NOBEY 6M	7244	-3871167952.5	9.8	3428274061.1	8.7	3723697779.2	13.1
NOME	7279	-2658150113.1	18.6	-693821864.9	8.5	5737236659.2	32.9
NOTO	7547	4934563517.2	21.6	1321200919.3	8.9	3806484236.0	19.8

(continued)

VLBI Site positions at January 1.5, 1982

Name	Monument	X (mm)	Error (mm)	Y (mm)	Error (mm)	Z (mm)	Error (mm)
NRAO 140	7204	882880179.4	1.2	-4924482318.2	4.3	3944130585.7	3.8
NRAO85 3	7214	882325869.5	3.5	-4925137981.9	10.4	3943397565.4	8.4
OCOTILLO	7270	-2335600830.9	18.0	-4832244277.8	35.3	3434392426.9	25.8
ONSALA60	7213	3370606405.8	3.7	711917202.0	2.4	5349830568.4	5.7
OVR 7853	7853	-2410421000.3	5.1	-4477800378.0	9.7	3838690337.7	8.3
OVRO 130	7207	-2409600519.9	1.5	-4478349511.3	4.0	3838603230.5	4.3
PBLOSSOM	7254	-2464070701.4	15.7	-4649425599.4	29.3	3593905713.7	22.3
PENTICTN	7283	-2058840148.3	20.7	-3621286367.9	35.1	4814420764.4	44.4
PIETOWN	7234	-1640953438.9	2.9	-5014816000.5	6.4	3575411930.8	5.6
PINFLATS	7256	-2369635624.4	12.3	-4761325072.8	24.5	3511115980.3	18.5
PLATTVIL	7258	-1240707903.2	5.3	-4720454336.0	16.5	4094481641.8	13.9
PRESIDIO	7252	-2707704637.9	15.1	-4257609565.3	23.9	3888374201.0	21.6
PRESIDIO	7252 (1)	-2707704623.0	23.5	-4257609548.7	37.0	3888374171.4	32.9
PT REYES	7251	-2732332818.0	14.2	-4217635072.2	21.6	3914490881.1	20.5
PVERDES	7268	-2525452481.3	26.0	-4670035839.1	46.7	3522886594.8	35.0
QUINCY	7221	-2517230652.7	9.2	-4198595185.1	15.6	4076531295.0	14.7
RICHMOND	7219	961258257.6	1.0	-5674090042.1	1.8	2740533687.8	1.3
ROBLED32	1561	4849245473.8	42.3	-360278504.6	9.0	4114884313.1	34.8
SANPAULA	7255	-2554476357.3	24.5	-4608627545.9	44.2	3582138129.4	33.4
SANTIA12	1404	1769693014.4	8.6	-5044504384.8	16.1	-3468435199.0	9.2
SEATTLE1	7229	-2295347729.5	65.7	-3638029434.0	479.8	4693408713.8	477.2
SESHAN25	7227	-2831686286.2	16.3	4675733891.6	19.9	3275327884.3	19.6
SEST	7239	1838237925.8	9.4	-5258699152.9	17.3	-3100588988.3	8.7
SHANGHAI	7226	-2847697645.0	109.7	4659872800.8	97.3	3283958820.1	88.0
SINTOTU	7315	-3642141532.4	84.3	2861496667.7	80.8	4370361822.3	61.1
SNDPOINT	7280	-3425461598.0	33.8	-1214669078.4	20.0	5223858307.2	51.0
SOURDOGH	7281	-2419993182.6	17.2	-1664228698.7	13.2	5643538267.4	39.9
SOURDOGH	7281 (2)	-2419993172.5	28.6	-1664228726.4	21.5	5643538326.0	66.4
TITIJIMA	7316	-4489356609.9	112.5	3482989481.9	124.5	2887931178.7	71.8
TROMSONO	7602	2102904466.4	6.4	721602304.1	4.7	5958201210.6	14.2
TRYSILNO	7607	2988029524.3	5.2	655956823.8	2.4	5578668937.3	9.9
TSUKUBA	7311	-3957172614.5	41.3	3310237982.5	36.2	3737709078.1	41.5
USUDA64	7246	-3855355003.0	33.1	3427427753.0	29.2	3740971418.4	38.7
VERNAL	7290	-1631473067.5	16.2	-4589128889.6	40.3	4106759875.1	34.4
VICTORIA	7289	-2341309832.9	10.4	-3539083826.3	15.7	4745768380.2	20.1
VNDNBERG	7223	-2678094435.6	2.9	-4525450997.2	5.3	3597409968.1	5.2
WESTFORD	7209 ref	1492206906.5	.0	-4458130519.4	.0	4296015413.7	.0
WETTZELL	7224	4075540280.3	4.0	931734939.7	2.4	4801629194.5	5.7
WHTHORSE	7284	-2215213248.9	41.1	-2209261505.9	37.9	5540292420.9	91.0
WHTHORSE	7284 (2)	-2215213362.7	60.8	-2209261607.3	57.3	5540292606.4	137.6
YAKATAGA	7277	-2529743929.3	22.0	-1942091274.6	18.2	5505028006.5	46.1
YAKATAGA	7277 (2)	-2529743946.2	32.0	-1942091229.1	26.1	5505027867.5	67.0
YELLOWKN	7285	-1224124224.2	5.4	-2689530606.9	11.5	5633555289.3	23.9
YLOW7296	7296	-1224399148.5	1.9	-2689273190.2	3.1	5633620255.1	5.0
YUMA	7894	-2196777712.8	11.7	-4887337029.1	25.9	3448425248.8	18.6

Notes:

(1) Positions after the October 1989 Loma Prieta earthquake extrapolated to the site reference epoch.

(2) Positions after the winter 1987-88 Gulf of Alaska earthquakes extrapolated to the site reference epoch.

ref Reference station which defines the coordinate system origin.

Table 5.5

VLBI Site positions at January 1.5, 1983

Name	Monument	X (mm)	Error (mm)	Y (mm)	Error (mm)	Z (mm)	Error (mm)
ALGOPARK	7282	918035054.0	1.9	-4346132242.0	6.9	4561971059.4	6.6
AUSTINTX	7271	-737793619.7	3.7	-5459892241.2	16.1	3202990440.9	9.5
BERMUDA	7294	2307209686.3	8.3	-4874215871.0	27.9	3394317793.7	19.1
BLKBUTTE	7269	-2306306754.8	15.5	-4787914402.4	31.5	3515736428.2	22.7
BLOOMIND	7291	302384663.4	21.7	-4941699041.4	47.5	4007908420.5	37.1
BREST	7604	4228877398.7	11.1	-333104497.3	2.5	4747180811.1	12.0
CARNUSTY	7603	3526416679.8	15.4	-171421390.4	3.9	5294098685.4	20.9
CARROLGA	7228	453520817.0	9.2	-5300506767.4	34.2	3507207366.1	20.6
CHLBOLTN	7215	4008310369.1	7.5	-100651062.0	3.7	4943794607.2	9.8
DEADMANL	7267	-2336819459.7	50.1	-4732586946.4	96.9	3570329998.5	67.9
DSS15	7231	-2353538554.7	22.1	-4641649498.0	45.5	3676670021.3	46.1
DSS45	1642	-4460934692.2	29.2	2682765835.6	20.6	-3674381876.3	17.8
DSS65	1665	4849336947.2	22.1	-360489136.1	4.7	4114748600.8	23.5
EFLSBERG	7203	4033947794.5	4.9	486990202.0	2.9	4900430604.2	7.2
ELY	7286	-2077236094.3	12.1	-4486712684.2	26.3	4018753750.0	21.8
FD-VLBA	7613	-1324008904.3	5.3	-5332181911.6	11.5	3231962458.0	8.3
FLAGSTAF	7261	-1923992471.7	10.2	-4850854494.9	24.7	3658589298.5	18.5
FORT ORD	7266	-2697026497.9	12.7	-4354393451.3	20.5	3788077456.8	17.8
FORTORDS	7241	-2699839989.4	18.4	-4359127224.8	29.6	3781050804.9	25.3
FORTORDS	7241 (1)	-2699839965.5	20.9	-4359127201.9	33.5	3781050842.9	28.7
FTD 7900	7900	-1324227757.7	3.6	-5332063032.9	12.7	3232023035.6	7.7
GILCREEK	7225	-2281546878.2	1.9	-1453645009.0	2.5	5756993227.8	4.0
GOLDVENU	1513	-2351128921.7	2.5	-4655477044.4	4.8	3660956911.4	4.7
GORF7102	7102	1130686784.0	13.6	-4831353002.4	48.6	3994110798.2	39.7
GRASSE	7605	4581697981.6	13.0	556125425.0	3.7	4389351256.9	13.5
HALEAKAL	7120	-5465998277.7	14.2	-2404408782.0	7.6	2242228245.2	7.8
HARTRAO	7232	5085442970.8	20.5	2668263173.8	12.5	-2768697311.5	10.3
HATCREEK	7218	-2523969712.8	2.5	-4123506323.0	4.6	4147752603.6	4.9
HAYSTACK	7205	1492405031.3	.8	-4457266527.0	1.8	4296881649.0	2.0
HOBART26	7242	-3950235977.6	33.7	2522347570.4	24.7	-4311563144.0	29.0
HOHENFRG	7600	3778215225.7	6.0	698644477.8	2.4	5074053447.6	8.1
JPL MV1	7263	-2493305708.6	9.2	-4655197733.2	17.0	3565519194.8	13.0
KASHIM34	1857	-3997648982.8	6.0	3276690820.1	4.0	3724278998.8	8.4
KASHIMA	1856	-3997892002.1	5.0	3276581326.7	3.2	3724118391.8	7.7
KAUAI	1311	-5543845819.9	3.2	-2054564400.7	3.2	2387813613.0	4.5
KODIAK	7278	-3026939889.8	20.3	-1575911744.7	13.4	5370362514.0	35.2
KWAJAL26	4968	-6143536418.8	17.1	1363996983.9	6.1	1034707247.0	10.0
LA-VLBA	7611	-1449752107.8	.7	-4975298553.8	2.1	3709123941.6	2.0
LEONRDOK	7292	-522231385.6	3.7	-5145676861.5	19.1	3720152311.8	12.7
MAMMOTHL	7259	-2448246563.4	18.8	-4426738306.1	33.3	3875435918.5	27.7
MARCUS	7310	-5227446853.3	15.4	2551378983.9	9.0	2607604635.8	14.2
MARPOINT	7217	1106629580.5	2.9	-4882907194.5	9.7	3938086877.4	8.0
MATERA	7243	4641939284.4	32.5	1393002711.3	12.0	4133325396.0	30.2
MCD 7850	7850	-1330007965.9	2.8	-5328391554.6	10.5	3236502717.3	6.6
MEDICINA	7230	4461370375.6	8.3	919596490.2	3.7	4449559017.9	9.4
METSHOVI	7601	2890653153.0	15.6	1310295085.5	7.1	5513958595.5	23.5
MILESMON	7038	-1204438777.4	9.2	-4239211083.3	30.1	4596266049.2	30.1
MIYAZAKI	7312	-3582767516.3	109.2	4052034116.4	71.7	3369020680.4	112.3
MIZUSGSI	7314	-3862411583.6	43.1	3105015113.8	17.4	4001945006.8	23.9
MOJ 7288	7288	-2356493903.2	5.8	-4646607654.9	11.2	3668426630.7	8.8
MOJAVE12	7222	-2356170782.2	1.1	-4646755858.1	2.8	3668470613.4	3.3
MON PEAK	7274	-2386289112.1	5.7	-4802346694.9	11.8	3444883826.4	8.9
NOBEY 6M	7244	-3871167966.0	9.8	3428274060.8	8.7	3723697765.5	13.1
NOME	7279	-2658150134.8	16.0	-693821866.0	7.4	5737236649.0	28.0
NOTO	7547	4934563503.4	19.0	1321200939.4	7.8	3806484247.0	17.5

(continued)

VLBI Site positions at January 1.5, 1983

Name	Monument	X (mm)	Error (mm)	Y (mm)	Error (mm)	Z (mm)	Error (mm)
NRAO 140	7204	882880163.8	1.1	-4924482319.4	3.9	3944130587.7	3.4
NRAO85 3	7214	882325853.9	3.1	-4925137983.1	9.3	3943397567.4	7.5
OCOTILLO	7270	-2335600863.9	18.0	-4832244248.0	35.3	3434392446.4	25.8
ONSALA60	7213	3370606390.1	3.1	711917218.6	2.0	5349830576.1	5.0
OVR 7853	7853	-2410421015.5	5.0	-4477800378.6	9.5	3838690327.5	8.0
OVRO 130	7207	-2409600535.1	1.3	-4478349512.0	3.4	3838603220.3	3.8
PBLOSSOM	7254	-2464070715.6	12.6	-4649425599.9	23.4	3593905703.2	17.9
PENTICTN	7283	-2058840167.0	18.0	-3621286368.8	30.5	4814420755.7	38.5
PIETOWN	7234	-1640953453.1	2.6	-5014816001.2	5.6	3575411923.3	5.0
PINFLATS	7256	-2369635656.2	10.2	-4761325042.6	20.3	3511115999.9	15.4
PLATTVIL	7258	-1240707919.4	4.4	-4720454336.9	14.0	4094481635.9	11.7
PRESIDIO	7252	-2707704653.3	12.6	-4257609565.9	19.9	3888374189.7	18.0
PRESIDIO	7252 (1)	-2707704638.3	21.0	-4257609549.3	33.0	3888374160.1	29.3
PT REYES	7251	-2732332842.2	12.2	-4217635037.5	18.6	3914490901.6	17.6
PVERDES	7268	-2525452512.2	22.4	-4670035807.3	40.1	3522886614.9	30.1
QUINCY	7221	-2517230668.7	7.8	-4198595185.8	13.2	4076531284.4	12.5
RICHMOND	7219	961258246.3	1.0	-5674090043.0	1.8	2740533689.9	1.2
ROBLED32	1561	4849245464.7	42.0	-360278484.4	8.8	4114884325.6	34.5
SANPAULA	7255	-2554476387.2	21.0	-4608627513.6	37.9	3582138149.6	28.6
SANTIA12	1404	1769693015.2	8.6	-5044504390.2	16.1	-3468435190.7	9.2
SEATTLE1	7229	-2295347747.7	57.8	-3638029434.9	424.0	4693408704.2	421.6
SESHAN25	7227	-2831686309.8	14.3	4675733885.7	17.5	3275327872.4	17.0
SEST	7239	1838237925.9	9.4	-5258699157.9	17.3	-3100588979.7	8.7
SHANGHAI	7226	-2847697668.5	109.6	4659872794.8	97.0	3283958808.2	87.7
SINTOTU	7315	-3642141548.4	84.3	2861496667.2	80.8	4370361809.4	61.1
SNDPOINT	7280	-3425461617.8	29.2	-1214669079.2	17.4	5223858294.0	44.1
SOURDOGH	7281	-2419993204.1	13.4	-1664228699.8	10.3	5643538257.9	31.1
SOURDOGH	7281 (2)	-2419993194.0	24.7	-1664228727.5	18.6	5643538316.4	57.4
TITIJIMA	7316	-4489356595.9	112.5	3482989498.9	124.5	2887931180.1	71.8
TROMSONO	7602	2102904449.1	6.4	721602317.2	4.7	5958201215.1	14.2
TRYSILNO	7607	2988029508.2	5.2	655956839.4	2.4	5578668944.0	9.9
TSUKUBA	7311	-3957172628.0	34.3	3310237982.2	30.0	3737709064.1	34.4
USUDA64	7246	-3855355023.7	33.1	3427427744.2	29.2	3740971405.3	38.7
VERNAL	7290	-1631473083.7	13.9	-4589128890.5	34.6	4106759867.8	29.5
VICTORIA	7289	-2341309851.3	10.4	-3539083827.1	15.7	4745768370.5	20.1
VNDNBERG	7223	-2678094464.6	2.5	-4525450963.6	4.6	3597409988.8	4.6
WESTFORD	7209 ref	1492206889.6	.0	-4458130520.8	.0	4296015418.2	.0
WETTZELL	7224	4075540265.2	3.4	931734958.1	2.1	4801629203.7	5.0
WHTHORSE	7284	-2215213270.1	33.1	-2209261507.0	30.2	5540292412.0	72.4
WHTHORSE	7284 (2)	-2215213383.9	52.3	-2209261608.4	49.2	5540292597.5	118.3
YAKATAGA	7277	-2529743950.3	17.8	-1942091275.7	14.8	5505027996.5	37.5
YAKATAGA	7277 (2)	-2529743967.2	27.7	-1942091230.1	22.6	5505027857.5	58.1
YELLOWKN	7285	-1224124245.8	5.4	-2689530608.2	11.5	5633555284.0	23.9
YLOW7296	7296	-1224399170.1	1.9	-2689273191.5	3.1	5633620249.8	5.0
YUMA	7894	-2196777726.6	9.6	-4887337029.6	21.2	3448425239.2	15.3

Notes:

(1) Positions after the October 1989 Loma Prieta earthquake extrapolated to the site reference epoch.

(2) Positions after the winter 1987-88 Gulf of Alaska earthquakes extrapolated to the site reference epoch.

ref Reference station which defines the coordinate system origin.

Table 5.6

VLBI Site positions at January 1.5, 1984

Name	Monument	X (mm)	Error (mm)	Y (mm)	Error (mm)	Z (mm)	Error (mm)
ALGOPARK	7282	918035036.1	1.6	-4346132243.4	6.0	4561971061.7	5.8
AUSTINTX	7271	-737793632.7	3.7	-5459892241.9	16.1	3202990436.7	9.5
BERMUDA	7294	2307209672.8	8.3	-4874215872.3	27.9	3394317801.1	19.1
BLKBUTTE	7269	-2306306768.8	12.1	-4787914402.9	24.6	3515736418.3	17.8
BLOOMIND	7291	302384647.5	21.7	-4941699042.5	47.5	4007908420.3	37.1
BREST	7604	4228877388.0	11.1	-333104478.5	2.5	4747180822.0	12.0
CARNUSTY	7603	3526416667.1	15.4	-171421373.4	3.9	5294098694.4	20.9
CARROLGA	7228	453520802.9	9.2	-5300506768.4	34.2	3507207366.4	20.6
CHLBOLTN	7215	4008310357.0	7.5	-100651043.7	3.7	4943794617.3	9.8
DEADMANL	7267	-2336819473.8	39.5	-4732586946.9	76.6	3570329988.5	53.6
DSS15	7231	-2353538569.3	18.3	-4641649498.6	37.6	3676670011.2	37.8
DSS45	1642	-4460934729.5	25.5	2682765836.4	17.9	-3674381830.4	15.4
DSS65	1665	4849336938.1	18.6	-360489115.9	4.0	4114748613.3	19.9
EFLSBERG	7203	4033947780.7	4.4	486990220.4	2.5	4900430613.8	6.4
ELY	7286	-2077236110.1	10.0	-4486712685.0	21.8	4018753741.0	18.0
FD-VLBA	7613	-1324008917.3	5.3	-5332181912.3	11.5	3231962451.6	8.3
FLAGSTAF	7261	-1923992486.3	8.4	-4850854495.6	20.3	3658589290.0	15.1
FORT ORD	7266	-2697026524.1	10.1	-4354393417.2	16.4	3788077477.4	14.2
FORTORDS	7241	-2699840015.7	15.8	-4359127190.7	25.3	3781050825.4	21.7
FORTORDS	7241 (1)	-2699839991.8	18.1	-4359127167.8	29.0	3781050863.5	24.9
FTD 7900	7900	-1324227770.7	3.6	-5332063033.5	12.7	3232023029.2	7.7
GILCREEK	7225	-2281546900.1	1.7	-1453645010.2	2.2	5756993218.9	3.5
GOLDVENU	1513	-2351128936.2	2.2	-4655477044.9	4.1	3660956901.3	4.2
GORF7102	7102	1130686768.2	12.0	-4831353003.7	42.6	3994110801.2	34.8
GRASSE	7605	4581697968.8	13.0	556125444.6	3.7	4389351267.8	13.5
HALEAKAL	7120	-5465998291.4	14.2	-2404408721.5	7.4	2242228276.7	7.6
HARTRAO	7232	5085442968.8	17.9	2668263197.2	10.9	-2768697292.6	9.1
HATCREEK	7218	-2523969729.1	2.1	-4123506323.7	3.9	4147752593.1	4.3
HAYSTACK	7205	1492405014.4	.7	-4457266528.4	1.6	4296881653.4	1.7
HOBART26	7242	-3950236017.2	29.5	2522347579.8	21.5	-4311563102.2	25.2
HOHENFRG	7600	3778215210.7	6.0	698644495.4	2.4	5074053456.3	8.1
JPL MV1	7263	-2493305739.0	7.2	-4655197701.6	13.3	3565519214.8	10.3
KASHIM34	1857	-3997648996.2	5.2	3276690819.7	3.6	3724278984.6	7.2
KASHIMA	1856	-3997892015.5	4.2	3276581326.3	2.8	3724118377.6	6.5
KAUAI	1311	-5543845829.2	3.0	-2054564339.1	2.8	2387813644.3	4.3
KODIAK	7278	-3026939910.2	16.9	-1575911745.6	11.3	5370362502.2	29.4
KWAJAL26	4968	-6143536399.4	13.1	1363997049.5	4.8	1034707275.9	8.3
LA-VLBA	7611	-1449752122.5	.7	-4975298554.5	2.1	3709123934.9	2.0
LEONRDOK	7292	-522231400.4	3.7	-5145676862.4	19.1	3720152308.4	12.7
MAMMOTHL	7259	-2448246578.7	13.5	-4426738306.7	23.9	3875435908.1	19.9
MARCUS	7310	-5227446813.5	15.4	2551379042.5	9.0	2607604658.2	14.2
MARPOINT	7217	1106629564.9	2.4	-4882907195.7	8.2	3938086880.3	6.7
MATERA	7243	4641939269.5	28.6	1393002730.9	10.6	4133325406.2	26.6
MCD 7850	7850	-1330007978.9	2.8	-5328391555.2	10.5	3236502710.9	6.6
MEDICINA	7230	4461370361.4	7.1	919596509.5	3.2	4449559028.1	8.2
METSHOVI	7601	2890653134.9	15.6	1310295100.7	7.1	5513958601.4	23.5
MILESMON	7038	-1204438795.3	9.2	-4239211084.3	30.1	4596266043.6	30.1
MIYAZAKI	7312	-3582767538.1	109.2	4052034108.0	71.7	3369020667.2	112.3
MIZUSGSI	7314	-3862411598.1	43.1	3105015113.3	17.4	4001944993.1	23.9
MOJ 7288	7288	-2356493917.7	5.8	-4646607655.4	11.1	3668426620.6	8.7
MOJAVE12	7222	-2356170796.8	.9	-4646755858.7	2.4	3668470603.4	3.0
MON PEAK	7274	-2386289144.7	4.6	-4802346664.6	9.5	3444883846.1	7.3
NOBEY 6M	7244	-3871167979.4	9.8	3428274060.4	8.7	3723697751.9	13.1
NOME	7279	-2658150156.4	13.5	-693821867.0	6.3	5737236638.8	23.4
NOTO	7547	4934563489.5	16.4	1321200959.6	6.8	3806484258.0	15.2

(continued)

VLBI Site positions at January 1.5, 1984

Name	Monument	X (mm)	Error (mm)	Y (mm)	Error (mm)	Z (mm)	Error (mm)
NRAO 140	7204	882880148.1	1.0	-4924482320.6	3.5	3944130589.7	3.0
NRAO85 3	7214	882325838.2	2.7	-4925137984.3	8.1	3943397569.5	6.5
OCOTILLO	7270	-2335600896.9	18.0	-4832244218.2	35.3	3434392465.9	25.8
ONSALA60	7213	3370606374.4	2.6	711917235.2	1.7	5349830583.8	4.3
OVR 7853	7853	-2410421030.6	5.0	-4477800379.3	9.3	3838690317.2	7.8
OVRO 130	7207	-2409600550.2	1.1	-4478349512.6	2.8	3838603210.0	3.3
PBLOSSOM	7254	-2464070729.9	9.6	-4649425600.5	17.8	3593905692.8	13.7
PENTICTN	7283	-2058840185.7	15.3	-3621286369.7	26.1	4814420747.0	32.8
PIETOWN	7234	-1640953467.4	2.2	-5014816001.9	4.8	3575411915.8	4.4
PINFLATS	7256	-2369635688.1	8.1	-4761325012.3	16.2	3511116019.4	12.4
PLATTVIL	7258	-1240707935.5	3.6	-4720454337.8	11.5	4094481629.9	9.6
PRESIDIO	7252	-2707704668.6	10.1	-4257609566.5	16.0	3888374178.4	14.6
PRESIDIO	7252 (1)	-2707704653.7	18.4	-4257609549.9	29.0	3888374148.8	25.8
PT REYES	7251	-2732332866.3	10.3	-4217635002.8	15.6	3914490922.1	14.9
PVERDES	7268	-2525452543.0	18.7	-4670035775.4	33.7	3522886635.1	25.2
QUINCY	7221	-2517230684.7	6.4	-4198595186.4	10.9	4076531273.8	10.4
RICHMOND	7219	961258235.1	1.0	-5674090043.9	1.7	2740533692.0	1.2
ROBLED32	1561	4849245455.6	42.1	-360278464.2	8.8	4114884338.1	34.5
SANPAULA	7255	-2554476417.1	17.5	-4608627481.3	31.7	3582138169.8	23.9
SANTIA12	1404	1769693016.1	8.6	-5044504395.6	16.1	-3468435182.4	9.2
SEATTLE1	7229	-2295347766.0	50.0	-3638029435.8	368.2	4693408694.6	366.0
SESHAN25	7227	-2831686333.3	12.4	4675733879.7	15.1	3275327860.5	14.6
SEST	7239	1838237926.0	9.4	-5258699163.0	17.3	-3100588971.0	8.7
SHANGHAI	7226	-2847697692.1	109.4	4659872788.8	96.9	3283958796.2	87.4
SINTOTU	7315	-3642141564.3	84.3	2861496666.6	80.8	4370361796.5	61.1
SNDPOINT	7280	-3425461637.6	24.7	-1214669080.0	14.7	5223858280.8	37.3
SOURDOGH	7281	-2419993225.6	9.8	-1664228700.9	7.7	5643538248.3	22.7
SOURDOGH	7281 (2)	-2419993215.5	20.8	-1664228728.6	15.7	5643538306.9	48.4
TITIJIMA	7316	-4489356581.8	112.5	3482989515.9	124.5	2887931181.4	71.8
TROMSONO	7602	2102904431.8	6.4	721602330.3	4.7	5958201219.6	14.2
TRYSILNO	7607	2988029492.1	5.2	655956854.9	2.4	5578668950.9	9.9
TSUKUBA	7311	-3957172641.5	27.3	3310237981.8	23.9	3737709050.1	27.5
USUDA64	7246	-3855355044.3	33.1	3427427735.3	29.2	3740971392.1	38.7
VERNAL	7290	-1631473099.9	11.7	-4589128891.3	29.0	4106759860.4	24.7
VICTORIA	7289	-2341309869.7	10.4	-3539083828.0	15.7	4745768360.7	20.1
VNDNBERG	7223	-2678094493.6	2.1	-4525450930.0	3.8	3597410009.6	4.0
WESTFORD	7209 ref	1492206872.7	.0	-4458130522.2	.0	4296015422.6	.0
WETTZELL	7224	4075540250.1	2.8	931734976.5	1.7	4801629212.9	4.4
WHTHORSE	7284	-2215213291.3	25.6	-2209261508.2	22.6	5540292403.1	54.4
WHTHORSE	7284 (2)	-2215213405.1	43.7	-2209261609.5	41.2	5540292588.6	99.0
YAKATAGA	7277	-2529743971.4	13.8	-1942091276.7	11.6	5505027986.5	29.1
YAKATAGA	7277 (2)	-2529743988.2	23.5	-1942091231.2	19.2	5505027847.5	49.2
YELLOWKN	7285	-1224124267.4	5.4	-2689530609.5	11.5	5633555278.7	23.9
YLOW7296	7296	-1224399191.7	1.9	-2689273192.8	3.1	5633620244.5	5.0
YUMA	7894	-2196777740.3	7.5	-4887337030.2	16.6	3448425229.7	12.0

Notes:

(1) Positions after the October 1989 Loma Prieta earthquake extrapolated to the site reference epoch.

(2) Positions after the winter 1987-88 Gulf of Alaska earthquakes extrapolated to the site reference epoch.

ref Reference station which defines the coordinate system origin.

Table 5.7

VLBI Site positions at January 1.5, 1985

Name	Monument	X (mm)	Error (mm)	Y (mm)	Error (mm)	Z (mm)	Error (mm)
ALGOPARK	7282	918035018.2	1.4	-4346132244.7	5.1	4561971064.0	4.9
AUSTINTX	7271	-737793645.6	3.7	-5459892242.6	16.1	3202990432.5	9.5
BERMUDA	7294	2307209659.2	8.3	-4874215873.6	27.9	3394317808.5	19.1
BLKBUTTE	7269	-2306306782.9	8.9	-4787914403.5	18.0	3515736408.3	13.1
BLOOMIND	7291	302384631.6	21.7	-4941699043.6	47.5	4007908420.1	37.1
BREST	7604	4228877377.2	11.1	-333104459.6	2.5	4747180833.0	12.0
CARNUSTY	7603	3526416654.4	15.4	-171421356.3	3.9	5294098703.5	20.9
CARROLGA	7228	453520788.8	9.2	-5300506769.4	34.2	3507207366.7	20.6
CHLBOLTN	7215	4008310345.0	7.5	-100651025.4	3.7	4943794627.4	9.8
DEADMANL	7267	-2336819488.1	29.1	-4732586947.5	56.5	3570329978.4	39.6
DSS15	7231	-2353538583.9	14.4	-4641649499.2	29.6	3676670001.1	29.5
DSS45	1642	-4460934766.9	21.9	2682765837.3	15.2	-3674381784.4	13.2
DSS65	1665	4849336929.0	15.1	-360489095.6	3.3	4114748625.8	16.2
EFLSBERG	7203	4033947766.8	3.9	486990238.7	2.2	4900430623.4	5.8
ELY	7286	-2077236126.0	8.0	-4486712685.7	17.3	4018753732.0	14.3
FD-VLBA	7613	-1324008930.4	5.3	-5332181912.9	11.5	3231962445.2	8.3
FLAGSTAF	7261	-1923992500.9	6.6	-4850854496.2	16.2	3658589281.4	12.0
FORT ORD	7266	-2697026550.4	7.7	-4354393383.0	12.5	3788077498.0	10.9
FORTORDS	7241	-2699840042.1	13.3	-4359127156.4	21.2	3781050846.1	18.1
FORTORDS	7241 (1)	-2699840018.1	15.3	-4359127133.6	24.5	3781050884.1	21.0
FTD 7900	7900	-1324227783.8	3.6	-5332063034.1	12.7	3232023022.8	7.7
GILCREEK	7225	-2281546922.0	1.4	-1453645011.3	1.9	5756993209.9	3.1
GOLDVENU	1513	-2351128950.7	1.9	-4655477045.5	3.5	3660956891.2	3.7
GORF7102	7102	1130686752.3	10.3	-4831353004.9	36.6	3994110804.1	29.9
GRASSE	7605	4581697956.0	13.0	556125464.2	3.7	4389351278.8	13.5
HALEAKAL	7120	-5465998305.1	14.1	-2404408660.8	7.3	2242228308.3	7.5
HARTRAO	7232	5085442966.9	15.4	2668263220.7	9.5	-2768697273.6	8.0
HATCREEK	7218	-2523969745.4	1.7	-4123506324.4	3.2	4147752582.4	3.7
HAYSTACK	7205	1492404997.5	.6	-4457266529.7	1.3	4296881657.8	1.4
HOBART26	7242	-3950236057.0	25.3	2522347589.2	18.3	-4311563060.2	21.6
HOHENFRG	7600	3778215195.6	6.0	698644513.1	2.4	5074053465.0	8.1
JPL MV1	7263	-2493305769.6	5.4	-4655197669.9	10.0	3565519234.8	7.9
KASHIM34	1857	-3997649009.7	4.5	3276690819.4	3.1	3724278970.4	6.2
KASHIMA	1856	-3997892029.0	3.5	3276581326.0	2.3	3724118363.4	5.6
KAUAI	1311	-5543845838.6	2.9	-2054564277.4	2.4	2387813675.7	4.2
KODIAK	7278	-3026939930.7	13.6	-1575911746.5	9.1	5370362490.4	23.7
KWAJAL26	4968	-6143536379.8	9.7	1363997115.4	3.8	1034707304.9	6.8
LA-VLBA	7611	-1449752137.3	.7	-4975298555.2	2.1	3709123928.1	2.0
LEONRDOK	7292	-522231415.3	3.7	-5145676863.3	19.1	3720152305.1	12.7
MAMMOTHL	7259	-2448246594.0	10.4	-4426738307.3	18.6	3875435897.7	15.6
MARCUS	7310	-5227446773.6	15.4	2551379101.3	9.0	2607604680.7	14.2
MARPOINT	7217	1106629549.3	2.0	-4882907197.0	6.7	3938086883.2	5.5
MATERA	7243	4641939254.5	24.8	1393002750.5	9.2	4133325416.4	23.1
MCD 7850	7850	-1330007992.0	2.8	-5328391555.8	10.5	3236502704.5	6.6
MEDICINA	7230	4461370347.2	6.0	919596528.8	2.7	4449559038.3	7.1
METSHOVI	7601	2890653116.7	15.6	1310295116.0	7.1	5513958607.3	23.5
MILESMON	7038	-1204438813.4	9.2	-4239211085.4	30.1	4596266037.9	30.1
MIYAZAKI	7312	-3582767559.9	109.2	4052034099.7	71.7	3369020654.1	112.3
MIZUSGSI	7314	-3862411612.7	43.1	3105015112.9	17.4	4001944979.4	23.9
MOJ 7288	7288	-2356493932.3	5.8	-4646607656.0	11.0	3668426610.5	8.6
MOJAVE12	7222	-2356170811.4	.8	-4646755859.3	2.0	3668470593.2	2.7
MON PEAK	7274	-2386289177.4	3.6	-4802346634.2	7.4	3444883865.8	5.9
NOBEY 6M	7244	-3871167992.9	9.8	3428274060.1	8.7	3723697738.2	13.1
NOME	7279	-2658150178.2	11.1	-693821868.1	5.2	5737236628.6	19.2
NOTO	7547	4934563475.6	13.9	1321200979.8	5.7	3806484269.0	12.9

(continued)

VLBI Site positions at January 1.5, 1985

Name	Monument	X (mm)	Error (mm)	Y (mm)	Error (mm)	Z (mm)	Error (mm)
NRAO 140	7204	882880132.4	.9	-4924482321.8	3.2	3944130591.7	2.8
NRAO85 3	7214	882325822.5	2.3	-4925137985.4	7.0	3943397571.5	5.6
OCOTILLO	7270	-2335600929.9	18.0	-4832244188.3	35.3	3434392485.4	25.8
ONSALA60	7213	3370606358.6	2.2	711917251.8	1.5	5349830591.5	3.8
OVR 7853	7853	-2410421045.8	5.0	-4477800379.9	9.2	3838690307.0	7.7
OVRO 130	7207	-2409600565.4	1.0	-4478349513.2	2.4	3838603199.8	3.0
PBLOSSOM	7254	-2464070744.2	7.0	-4649425601.0	13.0	3593905682.2	10.1
PENTICTN	7283	-2058840204.4	12.8	-3621286370.7	21.9	4814420738.3	27.5
PIETOWN	7234	-1640953481.7	1.9	-5014816002.5	4.1	3575411908.3	3.8
PINFLATS	7256	-2369635720.0	6.2	-4761324982.0	12.4	3511116039.0	9.5
PLATTVIL	7258	-1240707951.8	2.9	-4720454338.7	9.1	4094481624.0	7.7
PRESIDIO	7252	-2707704683.9	7.7	-4257609567.1	12.2	3888374167.0	11.3
PRESIDIO	7252 (1)	-2707704669.0	15.9	-4257609550.5	25.0	3888374137.5	22.3
PT REYES	7251	-2732332890.5	8.4	-4217634968.1	12.8	3914490942.7	12.1
PVERDES	7268	-2525452573.9	15.2	-4670035743.4	27.3	3522886655.3	20.5
QUINCY	7221	-2517230700.8	5.1	-4198595187.1	8.7	4076531263.2	8.4
RICHMOND	7219	961258223.8	1.0	-5674090044.7	1.7	2740533694.1	1.2
ROBLED32	1561	4849245446.5	42.4	-360278443.9	8.7	4114884350.6	35.0
SANPAULA	7255	-2554476447.1	14.1	-4608627449.0	25.6	3582138190.1	19.4
SANTIA12	1404	1769693017.0	8.6	-5044504401.0	16.1	-3468435174.1	9.2
SEATTLE1	7229	-2295347784.3	42.2	-3638029436.6	312.2	4693408685.0	310.3
SESHAN25	7227	-2831686357.0	10.5	4675733873.7	12.7	3275327848.6	12.4
SEST	7239	1838237926.1	9.4	-5258699168.0	17.3	-3100588962.4	8.7
SHANGHAI	7226	-2847697715.7	109.3	4659872782.8	96.7	3283958784.3	87.3
SINTOTU	7315	-3642141580.3	84.3	2861496666.0	80.8	4370361783.5	61.1
SNDPOINT	7280	-3425461657.5	20.1	-1214669080.9	12.2	5223858267.6	30.6
SOURDOGH	7281	-2419993247.1	6.5	-1664228702.0	5.3	5643538238.8	15.2
SOURDOGH	7281 (2)	-2419993237.0	17.0	-1664228729.7	12.8	5643538297.3	39.4
TITIJIMA	7316	-4489356567.6	112.5	3482989533.0	124.5	2887931182.8	71.8
TROMSONO	7602	2102904414.5	6.4	721602343.3	4.7	5958201224.1	14.2
TRYSILNO	7607	2988029476.0	5.2	655956870.5	2.4	5578668957.7	9.9
TSUKUBA	7311	-3957172655.0	20.7	3310237981.5	18.0	3737709036.1	21.0
USUDA64	7246	-3855355065.0	33.1	3427427726.4	29.2	3740971378.9	38.7
VERNAL	7290	-1631473116.1	9.5	-4589128892.1	23.4	4106759853.1	19.9
VICTORIA	7289	-2341309888.2	10.4	-3539083828.9	15.7	4745768351.0	20.1
VNDNBERG	7223	-2678094522.6	1.7	-4525450896.3	3.1	3597410030.3	3.5
WESTFORD	7209 ref	1492206855.8	.0	-4458130523.6	.0	4296015427.0	.0
WETTZELL	7224	4075540235.0	2.4	931734994.8	1.4	4801629222.2	4.0
WHTHORSE	7284	-2215213312.6	18.9	-2209261509.3	15.6	5540292394.2	37.7
WHTHORSE	7284 (2)	-2215213426.3	35.2	-2209261610.6	33.1	5540292579.7	79.7
YAKATAGA	7277	-2529743992.4	10.0	-1942091277.8	8.5	5505027976.4	21.2
YAKATAGA	7277 (2)	-2529744009.3	19.2	-1942091232.2	15.7	5505027837.4	40.3
YELLOWKN	7285	-1224124289.1	5.4	-2689530610.8	11.5	5633555273.3	23.9
YLOW7296	7296	-1224399213.4	1.9	-2689273194.1	3.1	5633620239.2	5.0
YUMA	7894	-2196777754.1	5.5	-4887337030.7	12.1	3448425220.1	8.9

Notes:

(1) Positions after the October 1989 Loma Prieta earthquake extrapolated to the site reference epoch.

(2) Positions after the winter 1987-88 Gulf of Alaska earthquakes extrapolated to the site reference epoch.

ref Reference station which defines the coordinate system origin.

Table 5.8

VLBI Site positions at January 1.5, 1986

Name	Monument	X (mm)	Error (mm)	Y (mm)	Error (mm)	Z (mm)	Error (mm)
ALGOPARK	7282	918035000.3	1.2	-4346132246.1	4.3	4561971066.3	4.1
AUSTINTX	7271	-737793658.6	3.7	-5459892243.4	16.1	3202990428.2	9.5
BERMUDA	7294	2307209645.6	8.3	-4874215874.9	27.9	3394317815.9	19.1
BLKBUTTE	7269	-2306306796.9	6.0	-4787914404.1	12.0	3515736398.4	9.0
BLOOMIND	7291	302384615.7	21.7	-4941699044.7	47.5	4007908419.9	37.1
BREST	7604	4228877366.4	11.1	-333104440.8	2.5	4747180843.9	12.0
CARNUSTY	7603	3526416641.7	15.4	-171421339.2	3.9	5294098712.5	20.9
CARROLGA	7228	453520774.8	9.2	-5300506770.4	34.2	3507207367.0	20.6
CHLBOLTN	7215	4008310332.9	7.5	-100651007.1	3.7	4943794637.6	9.8
DEADMANL	7267	-2336819502.3	19.2	-4732586948.1	37.3	3570329968.4	26.2
DSS15	7231	-2353538598.5	10.6	-4641649499.8	21.7	3676669991.1	21.3
DSS45	1642	-4460934804.2	18.3	2682765838.1	12.8	-3674381738.5	11.2
DSS65	1665	4849336919.9	11.6	-360489075.4	2.7	4114748638.3	12.6
EFLSBERG	7203	4033947752.9	3.5	486990257.1	1.9	4900430633.0	5.3
ELY	7286	-2077236141.8	6.0	-4486712686.4	13.1	4018753723.0	10.9
FD-VLBA	7613	-1324008943.4	5.3	-5332181913.6	11.5	3231962438.8	8.3
FLAGSTAF	7261	-1923992515.4	5.1	-4850854496.9	12.5	3658589272.9	9.2
FORT ORD	7266	-2697026576.6	5.7	-4354393348.9	9.3	3788077518.5	8.2
FORTORDS	7241	-2699840068.4	10.8	-4359127122.3	17.4	3781050866.6	14.7
FORTORDS	7241 (1)	-2699840044.4	12.5	-4359127099.5	20.1	3781050904.6	17.3
FTD 7900	7900	-1324227796.8	3.6	-5332063034.8	12.7	3232023016.4	7.7
GILCREEK	7225	-2281546943.9	1.3	-1453645012.5	1.7	5756993200.9	2.9
GOLDVENU	1513	-2351128965.3	1.6	-4655477046.1	3.1	3660956881.2	3.3
GORF7102	7102	1130686736.5	8.6	-4831353006.2	30.6	3994110807.1	25.1
GRASSE	7605	4581697943.1	13.0	556125483.9	3.7	4389351289.6	13.5
HALEAKAL	7120	-5465998318.8	14.1	-2404408600.3	7.2	2242228339.7	7.5
HARTRAO	7232	5085442964.9	13.0	2668263244.1	8.2	-2768697254.6	7.1
HATCREEK	7218	-2523969761.6	1.4	-4123506325.1	2.6	4147752571.9	3.2
HAYSTACK	7205	1492404980.6	.5	-4457266531.1	1.1	4296881662.3	1.1
HOBART26	7242	-3950236096.6	21.3	2522347598.6	15.4	-4311563018.4	18.0
HOHENFRG	7600	3778215180.7	6.0	698644530.8	2.4	5074053473.8	8.1
JPL MV1	7263	-2493305800.1	4.2	-4655197638.2	7.7	3565519254.8	6.2
KASHIM34	1857	-3997649023.2	3.9	3276690819.1	2.8	3724278956.3	5.8
KASHIMA	1856	-3997892042.5	3.0	3276581325.7	2.0	3724118349.3	5.2
KAUAI	1311	-5543845847.9	2.7	-2054564215.8	2.3	2387813707.0	4.2
KODIAK	7278	-3026939951.2	10.3	-1575911747.4	7.1	5370362478.6	18.2
KWAJAL26	4968	-6143536360.4	7.5	1363997181.1	3.2	1034707333.9	6.0
LA-VLBA	7611	-1449752152.1	.7	-4975298556.0	2.1	3709123921.3	2.0
LEONRDOK	7292	-522231430.1	3.7	-5145676864.2	19.1	3720152301.8	12.7
MAMMOTHL	7259	-2448246609.3	11.3	-4426738307.9	20.8	3875435887.3	17.5
MARCUS	7310	-5227446733.9	15.4	2551379159.9	9.0	2607604703.1	14.2
MARPOINT	7217	1106629533.7	1.7	-4882907198.2	5.4	3938086886.0	4.5
MATERA	7243	4641939239.6	21.0	1393002770.0	7.8	4133325426.6	19.7
MCD 7850	7850	-1330008005.0	2.8	-5328391556.5	10.5	3236502698.1	6.6
MEDICINA	7230	4461370333.0	4.9	919596548.1	2.2	4449559048.5	6.1
METSHOVI	7601	2890653098.6	15.6	1310295131.1	7.1	5513958613.2	23.5
MILESMON	7038	-1204438831.3	9.2	-4239211086.4	30.1	4596266032.2	30.1
MIYAZAKI	7312	-3582767581.7	109.2	4052034091.4	71.7	3369020640.9	112.3
MIZUSGSI	7314	-3862411627.2	43.1	3105015112.5	17.4	4001944965.7	23.9
MOJ 7288	7288	-2356493946.9	5.8	-4646607656.6	11.0	3668426600.4	8.5
MOJAVE12	7222	-2356170825.9	.7	-4646755859.9	1.7	3668470583.2	2.5
MON PEAK	7274	-2386289210.0	2.7	-4802346603.9	5.6	3444883885.5	4.6
NOBEY 6M	7244	-3871168006.3	9.8	3428274059.7	8.7	3723697724.6	13.1
NOME	7279	-2658150199.9	9.1	-693821869.2	4.3	5737236618.4	15.7
NOTO	7547	4934563461.7	11.4	1321201000.0	4.7	3806484280.0	10.8

(continued)

VLBI Site positions at January 1.5, 1986

Name	Monument	X (mm)	Error (mm)	Y (mm)	Error (mm)	Z (mm)	Error (mm)
NRAO 140	7204	882880116.8	.8	-4924482322.9	3.0	3944130593.7	2.6
NRAO85 3	7214	882325806.9	2.0	-4925137986.6	5.9	3943397573.5	4.7
OCOTILLO	7270	-2335600962.9	18.0	-4832244158.6	35.3	3434392504.8	25.8
ONSALA60	7213	3370606342.9	1.8	711917268.4	1.2	5349830599.2	3.6
OVR 7853	7853	-2410421061.0	5.0	-4477800380.5	9.1	3838690296.7	7.6
OVRO 130	7207	-2409600580.6	1.0	-4478349513.8	2.2	3838603189.5	2.8
PBLOSSOM	7254	-2464070758.5	5.5	-4649425601.6	10.2	3593905671.7	8.0
PENTICTN	7283	-2058840223.1	10.5	-3621286371.6	18.0	4814420729.6	22.6
PIETOWN	7234	-1640953496.0	1.5	-5014816003.2	3.3	3575411900.8	3.3
PINFLATS	7256	-2369635751.9	4.6	-4761324951.7	9.2	3511116058.5	7.2
PLATTVIL	7258	-1240707967.9	2.2	-4720454339.5	7.0	4094481618.1	5.9
PRESIDIO	7252	-2707704699.2	5.6	-4257609567.7	8.9	3888374155.7	8.3
PRESIDIO	7252 (1)	-2707704684.3	13.5	-4257609551.1	21.2	3888374126.2	18.8
PT REYES	7251	-2732332914.7	6.5	-4217634933.4	10.0	3914490963.2	9.6
PVERDES	7268	-2525452604.8	11.7	-4670035711.5	21.1	3522886675.5	15.9
QUINCY	7221	-2517230716.8	3.9	-4198595187.8	6.7	4076531252.6	6.6
RICHMOND	7219	961258212.6	1.0	-5674090045.6	1.7	2740533696.2	1.2
ROBLED32	1561	4849245437.4	43.0	-360278423.7	8.8	4114884363.1	35.8
SANPAULA	7255	-2554476477.0	10.9	-4608627416.7	19.8	3582138210.3	15.0
SANTIA12	1404	1769693017.9	8.6	-5044504406.4	16.1	-3468435165.8	9.2
SEATTLE1	7229	-2295347802.5	34.5	-3638029437.5	256.5	4693408675.4	254.9
SESHAN25	7227	-2831686380.6	8.7	4675733867.8	10.4	3275327836.7	10.5
SEST	7239	1838237926.2	9.4	-5258699173.1	17.3	-3100588953.8	8.7
SHANGHAI	7226	-2847697739.2	109.3	4659872776.8	96.7	3283958772.4	87.2
SINTOTU	7315	-3642141596.3	84.3	2861496665.5	80.8	4370361770.6	61.1
SNDPOINT	7280	-3425461677.3	15.8	-1214669081.7	9.6	5223858254.4	24.0
SOURDOGH	7281	-2419993268.6	4.6	-1664228703.1	4.0	5643538229.2	10.7
SOURDOGH	7281 (2)	-2419993258.5	13.2	-1664228730.8	9.9	5643538287.8	30.7
TITIJIMA	7316	-4489356553.6	112.5	3482989550.0	124.5	2887931184.2	71.8
TROMSONO	7602	2102904397.2	6.4	721602356.4	4.7	5958201228.6	14.2
TRYSILNO	7607	2988029459.9	5.2	655956886.1	2.4	5578668964.5	9.9
TSUKUBA	7311	-3957172668.5	14.7	3310237981.2	12.9	3737709022.1	15.4
USUDA64	7246	-3855355085.6	33.1	3427427717.6	29.2	3740971365.7	38.7
VERNAL	7290	-1631473132.3	7.3	-4589128892.9	18.1	4106759845.7	15.3
VICTORIA	7289	-2341309906.6	10.4	-3539083829.8	15.7	4745768341.2	20.1
VNDNBERG	7223	-2678094551.6	1.3	-4525450862.7	2.5	3597410051.0	3.1
WESTFORD	7209 ref	1492206838.9	.0	-4458130524.9	.0	4296015431.4	.0
WETTZELL	7224	4075540219.9	2.0	931735013.2	1.2	4801629231.4	3.8
WHTHORSE	7284	-2215213333.7	14.4	-2209261510.4	10.4	5540292385.2	25.4
WHTHORSE	7284 (2)	-2215213447.5	26.7	-2209261611.7	25.2	5540292570.7	60.6
YAKATAGA	7277	-2529744013.4	7.0	-1942091278.8	6.1	5505027966.4	14.8
YAKATAGA	7277 (2)	-2529744030.3	15.1	-1942091233.2	12.3	5505027827.4	31.7
YELLOWKN	7285	-1224124310.7	5.4	-2689530612.1	11.5	5633555268.0	23.9
YLOW7296	7296	-1224399235.0	1.9	-2689273195.4	3.1	5633620233.9	5.0
YUMA	7894	-2196777767.9	3.6	-4887337031.3	8.0	3448425210.6	6.1

Notes:

(1) Positions after the October 1989 Loma Prieta earthquake extrapolated to the site reference epoch.

(2) Positions after the winter 1987-88 Gulf of Alaska earthquakes extrapolated to the site reference epoch.

ref Reference station which defines the coordinate system origin.

Table 5.9

VLBI Site positions at January 1.5, 1987

Name	Monument	X (mm)	Error (mm)	Y (mm)	Error (mm)	Z (mm)	Error (mm)
ALGOPARK	7282	918034982.5	.9	-4346132247.4	3.5	4561971068.6	3.3
AUSTINTX	7271	-737793671.5	3.7	-5459892244.1	16.1	3202990424.0	9.5
BERMUDA	7294	2307209632.1	8.3	-4874215876.1	27.9	3394317823.2	19.1
BLKBUTTE	7269	-2306306810.9	4.2	-4787914404.6	8.5	3515736388.4	6.5
BLOOMIND	7291	302384599.8	21.7	-4941699045.8	47.5	4007908419.8	37.1
BREST	7604	4228877355.6	11.1	-333104422.0	2.5	4747180854.8	12.0
CARNUSTY	7603	3526416629.1	15.4	-171421322.2	3.9	5294098721.5	20.9
CARROLGA	7228	453520760.7	9.2	-5300506771.4	34.2	3507207367.3	20.6
CHLBOLTN	7215	4008310320.9	7.5	-100650988.8	3.7	4943794647.7	9.8
DEADMANL	7267	-2336819516.5	11.0	-4732586948.6	20.9	3570329958.3	15.2
DSS15	7231	-2353538613.1	6.9	-4641649500.4	14.1	3676669981.0	13.3
DSS45	1642	-4460934841.5	15.0	2682765838.9	10.6	-3674381692.7	9.5
DSS65	1665	4849336910.8	8.3	-360489055.2	2.2	4114748650.8	9.2
EFLSBERG	7203	4033947739.1	3.2	486990275.4	1.6	4900430642.6	5.1
ELY	7286	-2077236157.7	4.4	-4486712687.1	9.4	4018753714.0	7.9
FD-VLBA	7613	-1324008956.4	5.3	-5332181914.2	11.5	3231962432.4	8.3
FLAGSTAF	7261	-1923992530.0	4.1	-4850854497.5	10.0	3658589264.4	7.4
FORT ORD	7266	-2697026602.8	4.7	-4354393314.8	7.6	3788077539.0	6.9
FORTORDS	7241	-2699840094.7	8.7	-4359127088.2	13.9	3781050887.2	11.8
FORTORDS	7241 (1)	-2699840070.7	9.8	-4359127065.4	15.8	3781050925.2	13.6
FTD 7900	7900	-1324227809.8	3.6	-5332063035.4	12.7	3232023010.0	7.7
GILCREEK	7225	-2281546965.7	1.2	-1453645013.6	1.7	5756993192.0	2.9
GOLDVENU	1513	-2351128979.8	1.5	-4655477046.7	2.8	3660956871.1	3.1
GORF7102	7102	1130686720.7	7.0	-4831353007.4	24.7	3994110810.1	20.3
GRASSE	7605	4581697930.3	13.0	556125503.5	3.7	4389351300.5	13.5
HALEAKAL	7120	-5465998332.6	14.1	-2404408539.8	7.3	2242228371.2	7.6
HARTRAO	7232	5085442962.9	10.7	2668263267.5	7.3	-2768697235.7	6.6
HATCREEK	7218	-2523969777.9	1.1	-4123506325.8	2.1	4147752561.3	2.8
HAYSTACK	7205	1492404963.8	.4	-4457266532.5	.9	4296881666.7	.9
HOBART26	7242	-3950236136.3	17.3	2522347608.0	12.8	-4311562976.6	14.7
HOHENFRG	7600	3778215165.7	6.0	698644548.4	2.4	5074053482.5	8.1
JPL MV1	7263	-2493305830.5	4.1	-4655197606.6	7.4	3565519274.8	6.0
KASHIM34	1857	-3997649036.7	3.6	3276690818.7	2.6	3724278942.1	5.9
KASHIMA	1856	-3997892055.9	2.8	3276581325.3	2.0	3724118335.1	5.4
KAUAI	1311	-5543845857.2	2.5	-2054564154.3	2.4	2387813738.3	4.3
KODIAK	7278	-3026939971.6	7.4	-1575911748.4	5.2	5370362466.8	13.2
KWAJAL26	4968	-6143536340.9	7.6	1363997246.7	3.4	1034707362.8	6.0
LA-VLBA	7611	-1449752166.9	.7	-4975298556.7	2.1	3709123914.6	2.0
LEONRDOK	7292	-522231445.0	3.7	-5145676865.1	19.1	3720152298.4	12.7
MAMMOTHL	7259	-2448246624.6	15.7	-4426738308.6	28.9	3875435876.9	24.1
MARCUS	7310	-5227446694.1	15.4	2551379218.5	9.0	2607604725.5	14.2
MARPOINT	7217	1106629518.1	1.4	-4882907199.4	4.4	3938086888.9	3.6
MATERA	7243	4641939224.7	17.2	1393002789.5	6.4	4133325436.7	16.3
MCD 7850	7850	-1330008018.1	2.8	-5328391557.1	10.5	3236502691.7	6.6
MEDICINA	7230	4461370318.9	3.9	919596567.3	1.7	4449559058.7	5.3
METSHOVI	7601	2890653080.5	15.6	1310295146.3	7.1	5513958619.0	23.5
MILESMON	7038	-1204438849.3	9.2	-4239211087.4	30.1	4596266026.6	30.1
MIYAZAKI	7312	-3582767603.4	109.2	4052034083.0	71.7	3369020627.8	112.3
MIZUSGSI	7314	-3862411641.7	43.1	3105015112.1	17.4	4001944952.0	23.9
MOJ 7288	7288	-2356493961.4	5.8	-4646607657.2	11.0	3668426590.3	8.5
MOJAVE12	7222	-2356170840.5	.6	-4646755860.5	1.5	3668470573.1	2.4
MON PEAK	7274	-2386289242.7	2.2	-4802346573.6	4.6	3444883905.2	3.9
NOBEY 6M	7244	-3871168019.7	9.8	3428274059.4	8.7	3723697710.9	13.1
NOME	7279	-2658150221.5	7.5	-693821870.3	3.7	5737236608.3	13.5
NOTO	7547	4934563447.9	8.9	1321201020.1	3.7	3806484291.0	8.9

(continued)

VLBI Site positions at January 1.5, 1987

Name	Monument	X (mm)	Error (mm)	Y (mm)	Error (mm)	Z (mm)	Error (mm)
NRAO 140	7204	882880101.2	.8	-4924482324.1	2.9	3944130595.7	2.5
NRAO85 3	7214	882325791.3	1.6	-4925137987.8	4.7	3943397575.5	3.8
OCOTILLO	7270	-2335600995.9	18.0	-4832244128.8	35.3	3434392524.3	25.8
ONSALA60	7213	3370606327.1	1.7	711917285.0	1.1	5349830606.9	3.6
OVR 7853	7853	-2410421076.2	5.0	-4477800381.1	9.1	3838690286.5	7.6
OVRO 130	7207	-2409600595.7	1.1	-4478349514.4	2.2	3838603179.3	2.8
PBLOSSOM	7254	-2464070772.8	5.8	-4649425602.1	10.9	3593905661.2	8.4
PENTICTN	7283	-2058840241.8	8.7	-3621286372.6	14.8	4814420720.9	18.7
PIETOWN	7234	-1640953510.2	1.2	-5014816003.9	2.6	3575411893.3	2.8
PINFLATS	7256	-2369635783.7	3.7	-4761324921.5	7.3	3511116078.0	5.9
PLATTVIL	7258	-1240707984.1	1.7	-4720454340.4	5.4	4094481612.2	4.7
PRESIDIO	7252	-2707704714.6	4.0	-4257609568.3	6.5	3888374144.4	6.2
PRESIDIO	7252 (1)	-2707704699.6	11.1	-4257609551.7	17.4	3888374114.9	15.6
PT REYES	7251	-2732332938.8	4.9	-4217634898.7	7.5	3914490983.7	7.3
PVERDES	7268	-2525452635.6	8.6	-4670035679.6	15.5	3522886695.7	11.7
QUINCY	7221	-2517230732.8	3.0	-4198595188.4	5.2	4076531242.1	5.2
RICHMOND	7219	961258201.4	1.0	-5674090046.5	1.7	2740533698.3	1.2
ROBLED32	1561	4849245428.2	43.9	-360278403.5	8.9	4114884375.6	37.0
SANPAULA	7255	-2554476506.9	8.1	-4608627384.4	14.7	3582138230.5	11.2
SANTIA12	1404	1769693018.8	8.6	-5044504411.7	16.1	-3468435157.5	9.2
SEATTLE1	7229	-2295347820.7	27.0	-3638029438.4	200.8	4693408665.8	199.5
SESHAN25	7227	-2831686404.2	7.0	4675733861.8	8.1	3275327824.8	9.1
SEST	7239	1838237926.3	9.4	-5258699178.1	17.3	-3100588945.1	8.7
SHANGHAI	7226	-2847697762.8	109.3	4659872770.8	96.7	3283958760.4	87.2
SINTOTU	7315	-3642141612.2	84.3	2861496664.9	80.8	4370361757.6	61.1
SNDPOINT	7280	-3425461697.2	11.6	-1214669082.5	7.2	5223858241.1	17.8
SOURDOGH	7281	-2419993290.1	5.6	-1664228704.2	4.7	5643538219.7	13.0
SOURDOGH	7281 (2)	-2419993280.0	9.6	-1664228731.9	7.2	5643538278.3	22.3
TITIJIMA	7316	-4489356539.5	112.5	3482989567.0	124.5	2887931185.6	71.8
TROMSONO	7602	2102904380.0	6.4	721602369.4	4.7	5958201233.2	14.2
TRYSILNO	7607	2988029443.7	5.2	655956901.7	2.4	5578668971.3	9.9
TSUKUBA	7311	-3957172682.0	10.7	3310237980.8	9.5	3737709008.1	11.9
USUDA64	7246	-3855355106.3	33.1	3427427708.8	29.2	3740971352.5	38.7
VERNAL	7290	-1631473148.5	5.4	-4589128893.7	13.2	4106759838.4	11.0
VICTORIA	7289	-2341309925.0	10.4	-3539083830.6	15.7	4745768331.5	20.1
VNDNBERG	7223	-2678094580.5	1.0	-4525450829.1	2.1	3597410071.8	2.8
WESTFORD	7209 ref	1492206822.0	.0	-4458130526.3	.0	4296015435.9	.0
WETTZELL	7224	4075540204.8	1.7	931735031.6	1.0	4801629240.6	3.8
WHTHORSE	7284	-2215213354.9	14.3	-2209261511.5	10.2	5540292376.3	24.8
WHTHORSE	7284 (2)	-2215213468.7	18.3	-2209261612.8	17.3	5540292561.8	41.6
YAKATAGA	7277	-2529744034.4	5.8	-1942091279.8	5.1	5505027956.4	12.3
YAKATAGA	7277 (2)	-2529744051.3	11.1	-1942091234.3	9.1	5505027817.4	23.3
YELLOWKN	7285	-1224124332.3	5.4	-2689530613.3	11.5	5633555262.7	23.9
YLOW7296	7296	-1224399256.6	1.9	-2689273196.7	3.1	5633620228.5	5.0
YUMA	7894	-2196777781.6	2.5	-4887337031.9	5.4	3448425201.0	4.4

Notes:

(1) Positions after the October 1989 Loma Prieta earthquake extrapolated to the site reference epoch.

(2) Positions after the winter 1987-88 Gulf of Alaska earthquakes extrapolated to the site reference epoch.

ref Reference station which defines the coordinate system origin.

Table 5.10

VLBI Site positions at January 1.5, 1988

Name	Monument	X (mm)	Error (mm)	Y (mm)	Error (mm)	Z (mm)	Error (mm)
ALGOPARK	7282	918034964.6	.7	-4346132248.8	2.7	4561971070.9	2.6
AUSTINTX	7271	-737793684.4	3.7	-5459892244.8	16.1	3202990419.8	9.5
BERMUDA	7294	2307209618.5	8.3	-4874215877.4	27.9	3394317830.6	19.1
BLKBUTTE	7269	-2306306824.9	5.0	-4787914405.2	10.3	3515736378.5	7.6
BLOOMIND	7291	302384583.9	21.7	-4941699046.9	47.5	4007908419.6	37.1
BREST	7604	4228877344.8	11.1	-333104403.2	2.5	4747180865.8	12.0
CARNUSTY	7603	3526416616.4	15.4	-171421305.1	3.9	5294098730.5	20.9
CARROLGA	7228	453520746.7	9.2	-5300506772.4	34.2	3507207367.6	20.6
CHLBOLTN	7215	4008310308.9	7.5	-100650970.5	3.7	4943794657.8	9.8
DEADMANL	7267	-2336819530.7	10.1	-4732586949.2	18.6	3570329948.3	14.0
DSS15	7231	-2353538627.7	3.5	-4641649501.0	7.2	3676669970.9	6.5
DSS45	1642	-4460934878.8	11.9	2682765839.7	9.0	-3674381646.8	8.4
DSS65	1665	4849336901.7	5.0	-360489035.0	1.7	4114748663.3	6.2
EFLSBERG	7203	4033947725.2	3.2	486990293.7	1.5	4900430652.2	5.1
ELY	7286	-2077236173.5	3.3	-4486712687.9	7.2	4018753705.0	6.1
FD-VLBA	7613	-1324008969.5	5.3	-5332181914.9	11.5	3231962426.0	8.3
FLAGSTAF	7261	-1923992544.5	3.9	-4850854498.2	9.4	3658589255.9	7.2
FORT ORD	7266	-2697026629.0	5.3	-4354393280.7	8.5	3788077559.6	7.6
FORTORDS	7241	-2699840121.0	7.1	-4359127054.1	11.3	3781050907.7	9.5
FORTORDS	7241 (1)	-2699840097.0	7.3	-4359127031.2	11.6	3781050945.8	10.1
FTD 7900	7900	-1324227822.8	3.6	-5332063036.1	12.7	3232023003.6	7.7
GILCREEK	7225	-2281546987.6	1.2	-1453645014.8	1.8	5756993183.0	3.1
GOLDVENU	1513	-2351128994.3	1.4	-4655477047.3	2.7	3660956861.0	3.1
GORF7102	7102	1130686704.9	5.3	-4831353008.7	18.8	3994110813.1	15.5
GRASSE	7605	4581697917.5	13.0	556125523.0	3.7	4389351311.4	13.5
HALEAKAL	7120	-5465998346.3	14.1	-2404408479.2	7.4	2242228402.7	7.7
HARTRAO	7232	5085442961.0	8.8	2668263290.9	6.8	-2768697216.8	6.4
HATCREEK	7218	-2523969794.2	.8	-4123506326.4	1.9	4147752550.7	2.6
HAYSTACK	7205	1492404946.9	.3	-4457266533.9	.7	4296881671.1	.7
HOBART26	7242	-3950236175.9	13.7	2522347617.4	10.6	-4311562934.8	11.8
HOHENFRG	7600	3778215150.7	6.0	698644566.1	2.4	5074053491.2	8.1
JPL MV1	7263	-2493305861.0	5.1	-4655197575.0	9.3	3565519294.8	7.3
KASHIM34	1857	-3997649050.1	3.5	3276690818.4	2.6	3724278928.0	6.5
KASHIMA	1856	-3997892069.4	3.0	3276581325.0	2.1	3724118321.0	6.2
KAUAI	1311	-5543845866.6	2.4	-2054564092.7	2.8	2387813769.6	4.5
KODIAK	7278	-3026939992.1	5.2	-1575911749.3	3.8	5370362455.0	9.4
KWAJAL26	4968	-6143536321.5	10.0	1363997312.4	4.2	1034707391.7	6.8
LA-VLBA	7611	-1449752181.6	.7	-4975298557.5	2.1	3709123907.8	2.0
LEONRDOK	7292	-522231459.8	3.7	-5145676866.0	19.1	3720152295.1	12.7
MAMMOTHL	7259	-2448246639.9	21.5	-4426738309.2	39.3	3875435866.6	32.8
MARCUS	7310	-5227446654.3	15.4	2551379277.1	9.0	2607604748.0	14.2
MARPOINT	7217	1106629502.5	1.2	-4882907200.6	3.8	3938086891.7	3.1
MATERA	7243	4641939209.8	13.5	1393002809.1	5.1	4133325446.9	13.1
MCD 7850	7850	-1330008031.1	2.8	-5328391557.8	10.5	3236502685.3	6.6
MEDICINA	7230	4461370304.7	3.1	919596586.6	1.4	4449559068.9	4.9
METSHOVI	7601	2890653062.4	15.6	1310295161.5	7.1	5513958624.9	23.5
MILESMON	7038	-1204438867.3	9.2	-4239211088.4	30.1	4596266020.9	30.1
MIYAZAKI	7312	-3582767625.2	109.2	4052034074.7	71.7	3369020614.7	112.3
MIZUSGSI	7314	-3862411656.3	43.1	3105015111.6	17.4	4001944938.3	23.9
MOJ 7288	7288	-2356493976.0	5.8	-4646607657.8	11.0	3668426580.2	8.4
MOJAVE12	7222	-2356170855.0	.5	-4646755861.1	1.5	3668470563.0	2.3
MON PEAK	7274	-2386289275.3	2.4	-4802346543.2	4.8	3444883924.9	4.0
NOBEY 6M	7244	-3871168033.2	9.8	3428274059.0	8.7	3723697697.3	13.1
NOME	7279	-2658150243.2	6.9	-693821871.4	3.4	5737236598.1	13.2
NOTO	7547	4934563434.0	6.6	1321201040.3	2.8	3806484301.9	7.3

(continued)

VLBI Site positions at January 1.5, 1988

Name	Monument	X (mm)	Error (mm)	Y (mm)	Error (mm)	Z (mm)	Error (mm)
NRAO 140	7204	882880085.5	.9	-4924482325.3	3.0	3944130597.7	2.5
NRAO85 3	7214	882325775.7	1.2	-4925137989.0	3.6	3943397577.5	2.9
OCOTILLO	7270	-2335601028.9	18.0	-4832244099.0	35.3	3434392543.8	25.8
ONSALA60	7213	3370606311.4	1.7	711917301.6	1.1	5349830614.6	3.9
OVR 7853	7853	-2410421091.3	5.0	-4477800381.8	9.2	3838690276.2	7.6
OVRO 130	7207	-2409600610.9	1.3	-4478349515.1	2.6	3838603169.0	3.0
PBLOSSOM	7254	-2464070787.0	7.9	-4649425602.7	14.7	3593905650.7	11.2
PENTICTN	7283	-2058840260.5	7.7	-3621286373.5	12.7	4814420712.2	16.5
PIETOWN	7234	-1640953524.5	.9	-5014816004.6	2.0	3575411885.8	2.3
PINFLATS	7256	-2369635815.6	4.1	-4761324891.2	8.0	3511116097.6	6.4
PLATTVIL	7258	-1240708000.3	1.6	-4720454341.3	5.0	4094481606.3	4.4
PRESIDIO	7252	-2707704729.9	4.0	-4257609568.8	6.4	3888374133.1	6.0
PRESIDIO	7252 (1)	-2707704714.9	8.9	-4257609552.3	13.9	3888374103.6	12.6
PT REYES	7251	-2732332963.0	3.6	-4217634864.1	5.7	3914491004.2	5.6
PVERDES	7268	-2525452666.5	6.2	-4670035647.7	11.2	3522886715.9	8.6
QUINCY	7221	-2517230748.8	2.7	-4198595189.1	4.7	4076531231.5	4.7
RICHMOND	7219	961258190.1	1.0	-5674090047.4	1.7	2740533700.4	1.2
ROBLED32	1561	4849245419.1	45.1	-360278383.3	9.0	4114884388.1	38.5
SANPAULA	7255	-2554476536.8	6.2	-4608627352.1	11.1	3582138250.8	8.6
SANTIA12	1404	1769693019.6	8.6	-5044504417.1	16.1	-3468435149.2	9.2
SEATTLE1	7229	-2295347839.0	19.9	-3638029439.2	145.2	4693408656.2	144.4
SESHAN25	7227	-2831686427.7	5.7	4675733855.9	6.0	3275327812.9	8.5
SEST	7239	1838237926.4	9.4	-5258699183.2	17.3	-3100588936.5	8.7
SHANGHAI	7226	-2847697786.3	109.3	4659872764.8	96.7	3283958748.5	87.3
SINTOTU	7315	-3642141628.2	84.3	2861496664.3	80.8	4370361744.7	61.1
SNDPOINT	7280	-3425461717.0	8.0	-1214669083.3	5.0	5223858228.0	12.5
SOURDOGH	7281	-2419993311.6	8.5	-1664228705.3	6.8	5643538210.1	19.8
SOURDOGH	7281 (2)	-2419993301.5	6.4	-1664228733.0	4.9	5643538268.7	14.9
TITIJIMA	7316	-4489356525.4	112.5	3482989584.0	124.5	2887931186.9	71.8
TROMSONO	7602	2102904362.7	6.4	721602382.5	4.7	5958201237.7	14.2
TRYSILNO	7607	2988029427.6	5.2	655956917.3	2.4	5578668978.1	9.9
TSUKUBA	7311	-3957172695.5	10.9	3310237980.5	9.9	3737708994.1	12.7
USUDA64	7246	-3855355126.9	33.1	3427427699.9	29.2	3740971339.4	38.7
VERNAL	7290	-1631473164.7	3.9	-4589128894.6	9.4	4106759831.0	7.9
VICTORIA	7289	-2341309943.4	10.4	-3539083831.5	15.7	4745768321.8	20.1
VNDNBERG	7223	-2678094609.5	.9	-4525450795.5	1.9	3597410092.5	2.6
WESTFORD	7209 ref	1492206805.2	.0	-4458130527.7	.0	4296015440.3	.0
WETTZELL	7224	4075540189.8	1.7	931735049.9	1.0	4801629249.9	4.1
WHTHORSE	7284	-2215213376.1	18.8	-2209261512.6	15.2	5540292367.4	36.6
WHTHORSE	7284 (2)	-2215213489.9	10.2	-2209261613.9	9.8	5540292552.9	23.5
YAKATAGA	7277	-2529744055.4	7.5	-1942091280.9	6.4	5505027946.3	15.7
YAKATAGA	7277 (2)	-2529744072.3	7.4	-1942091235.3	6.1	5505027807.4	15.7
YELLOWKN	7285	-1224124353.9	5.4	-2689530614.6	11.5	5633555257.4	23.9
YLOW7296	7296	-1224399278.3	1.9	-2689273198.0	3.1	5633620223.2	5.0
YUMA	7894	-2196777795.4	2.9	-4887337032.4	6.4	3448425191.4	4.9

Notes:

(1) Positions after the October 1989 Loma Prieta earthquake extrapolated to the site reference epoch.

(2) Positions after the winter 1987-88 Gulf of Alaska earthquakes extrapolated to the site reference epoch.

ref Reference station which defines the coordinate system origin.

Table 5.11

VLBI Site positions at January 1.5, 1989

Name	Monument	X (mm)	Error (mm)	Y (mm)	Error (mm)	Z (mm)	Error (mm)
ALGOPARK	7282	918034946.7	.6	-4346132250.2	2.0	4561971073.2	2.0
AUSTINTX	7271	-737793697.4	3.7	-5459892245.6	16.1	3202990415.6	9.5
BERMUDA	7294	2307209604.9	8.3	-4874215878.7	27.9	3394317838.0	19.1
BLKBUTTE	7269	-2306306838.9	7.6	-4787914405.7	15.6	3515736368.5	11.2
BLOOMIND	7291	302384568.0	21.7	-4941699048.1	47.5	4007908419.4	37.1
BREST	7604	4228877334.0	11.1	-333104384.4	2.5	4747180876.7	12.0
CARNUSTY	7603	3526416603.7	15.4	-171421288.0	3.9	5294098739.5	20.9
CARROLGA	7228	453520732.6	9.2	-5300506773.4	34.2	3507207367.9	20.6
CHLBOLTN	7215	4008310296.8	7.5	-100650952.2	3.7	4943794668.0	9.8
DEADMANL	7267	-2336819544.9	17.8	-4732586949.8	33.4	3570329938.2	24.2
DSS15	7231	-2353538642.3	2.7	-4641649501.6	5.9	3676669960.8	6.9
DSS45	1642	-4460934916.2	9.4	2682765840.6	8.3	-3674381600.8	8.1
DSS65	1665	4849336892.5	2.8	-360489014.8	1.5	4114748675.8	4.5
EFLSBERG	7203	4033947711.3	3.3	486990312.1	1.5	4900430661.8	5.4
ELY	7286	-2077236189.4	3.6	-4486712688.6	7.7	4018753696.0	6.6
FD-VLBA	7613	-1324008982.5	5.3	-5332181915.5	11.5	3231962419.6	8.3
FLAGSTAF	7261	-1923992559.1	4.7	-4850854498.8	11.1	3658589247.3	8.8
FORT ORD	7266	-2697026655.3	7.1	-4354393246.5	11.3	3788077580.2	9.9
FORTORDS	7241	-2699840147.3	6.4	-4359127019.9	10.2	3781050928.4	8.5
FORTORDS	7241 (1)	-2699840123.4	5.0	-4359126997.0	8.0	3781050966.4	7.1
FTD 7900	7900	-1324227835.9	3.6	-5332063036.7	12.7	3232022997.2	7.7
GILCREEK	7225	-2281547009.6	1.3	-1453645015.9	2.0	5756993174.0	3.5
GOLDVENU	1513	-2351129008.9	1.5	-4655477047.9	2.9	3660956850.9	3.2
GORF7102	7102	1130686689.1	3.7	-4831353009.9	13.2	3994110816.0	11.0
GRASSE	7605	4581697904.7	13.0	556125542.7	3.7	4389351322.3	13.5
HALEAKAL	7120	-5465998360.0	14.0	-2404408418.6	7.6	2242228434.2	7.8
HARTRAO	7232	5085442959.0	7.5	2668263314.3	6.9	-2768697197.8	6.7
HATCREEK	7218	-2523969810.5	.8	-4123506327.1	2.0	4147752540.1	2.6
HAYSTACK	7205	1492404930.0	.3	-4457266535.3	.6	4296881675.5	.6
HOBART26	7242	-3950236215.7	10.5	2522347626.8	9.4	-4311562892.9	9.7
HOHENFRG	7600	3778215135.6	6.0	698644583.8	2.4	5074053500.0	8.1
JPL MV1	7263	-2493305891.6	6.8	-4655197543.3	12.4	3565519314.8	9.6
KASHIM34	1857	-3997649063.6	3.7	3276690818.1	2.7	3724278913.8	7.6
KASHIMA	1856	-3997892082.9	3.4	3276581324.7	2.4	3724118306.8	7.4
KAUAI	1311	-5543845875.9	2.2	-2054564031.0	3.2	2387813801.0	4.8
KODIAK	7278	-3026940012.6	4.9	-1575911750.2	3.4	5370362443.2	8.7
KWAJAL26	4968	-6143536302.0	13.6	1363997378.3	5.4	1034707420.8	8.3
LA-VLBA	7611	-1449752196.4	.7	-4975298558.2	2.1	3709123901.0	2.0
LEONRDOK	7292	-522231474.6	3.7	-5145676866.9	19.1	3720152291.8	12.7
MAMMOTHL	7259	-2448246655.2	27.8	-4426738309.8	50.7	3875435856.1	42.2
MARCUS	7310	-5227446614.4	15.4	2551379335.9	9.0	2607604770.4	14.2
MARPOINT	7217	1106629486.8	1.3	-4882907201.9	3.9	3938086894.6	3.2
MATERA	7243	4641939194.8	9.9	1393002828.6	3.8	4133325457.1	10.2
MCD 7850	7850	-1330008044.2	2.8	-5328391558.4	10.5	3236502678.8	6.6
MEDICINA	7230	4461370290.6	2.6	919596605.9	1.3	4449559079.2	5.0
METSHOVI	7601	2890653044.3	15.6	1310295176.7	7.1	5513958630.8	23.5
MILESMON	7038	-1204438885.3	9.2	-4239211089.4	30.1	4596266015.3	30.1
MIYAZAKI	7312	-3582767647.0	109.2	4052034066.4	71.7	3369020601.5	112.3
MIZUSGSI	7314	-3862411670.8	43.1	3105015111.2	17.4	4001944924.6	23.9
MOJ 7288	7288	-2356493990.6	5.8	-4646607658.4	11.0	3668426570.1	8.4
MOJAVE12	7222	-2356170869.6	.5	-4646755861.6	1.6	3668470552.9	2.2
MON PEAK	7274	-2386289308.0	3.0	-4802346512.8	6.2	3444883944.6	4.8
NOBEY 6M	7244	-3871168046.6	9.8	3428274058.7	8.7	3723697683.6	13.1
NOME	7279	-2658150264.9	7.4	-693821872.5	3.5	5737236587.9	15.1
NOTO	7547	4934563420.1	4.6	1321201060.5	2.1	3806484313.0	6.2

(continued)

VLBI Site positions at January 1.5, 1989

Name	Monument	X (mm)	Error (mm)	Y (mm)	Error (mm)	Z (mm)	Error (mm)
NRAO 140	7204	882880069.9	.9	-4924482326.5	3.2	3944130599.8	2.6
NRAO85 3	7214	882325760.0	.9	-4925137990.2	2.5	3943397579.5	2.1
OCOTILLO	7270	-2335601061.9	18.0	-4832244069.1	35.3	3434392563.3	25.8
ONSALA60	7213	3370606295.7	2.0	711917318.3	1.2	5349830622.3	4.4
OVR 7853	7853	-2410421106.5	5.1	-4477800382.4	9.4	3838690265.9	7.8
OVRO 130	7207	-2409600626.1	1.5	-4478349515.7	3.1	3838603158.7	3.3
PBLOSSOM	7254	-2464070801.3	10.7	-4649425603.2	19.9	3593905640.2	15.0
PENTICTN	7283	-2058840279.2	7.8	-3621286374.4	12.3	4814420703.5	16.5
PIETOWN	7234	-1640953538.8	.7	-5014816005.3	1.7	3575411878.3	2.0
PINFLATS	7256	-2369635847.5	5.5	-4761324860.9	10.6	3511116117.1	8.3
PLATTVIL	7258	-1240708016.5	1.9	-4720454342.2	5.9	4094481600.3	5.2
PRESIDIO	7252	-2707704745.2	5.4	-4257609569.4	8.6	3888374121.8	7.8
PRESIDIO	7252 (1)	-2707704730.3	7.1	-4257609552.8	11.0	3888374092.2	10.0
PT REYES	7251	-2732332987.2	3.3	-4217634829.3	5.2	3914491024.8	5.2
PVERDES	7268	-2525452697.4	5.5	-4670035615.7	10.1	3522886736.1	7.8
QUINCY	7221	-2517230764.9	3.1	-4198595189.8	5.4	4076531220.9	5.3
RICHMOND	7219	961258178.9	1.0	-5674090048.3	1.6	2740533702.5	1.2
ROBLED32	1561	4849245410.0	46.5	-360278363.1	9.2	4114884400.7	40.4
SANPAULA	7255	-2554476566.8	6.1	-4608627319.7	10.8	3582138271.0	8.4
SANTIA12	1404	1769693020.5	8.6	-5044504422.5	16.1	-3468435140.9	9.2
SEATTLE1	7229	-2295347857.3	13.8	-3638029440.1	90.0	4693408646.6	89.9
SESHAN25	7227	-2831686451.4	5.0	4675733849.9	4.2	3275327801.0	8.8
SEST	7239	1838237926.5	9.4	-5258699188.3	17.3	-3100588927.8	8.7
SHANGHAI	7226	-2847697810.0	109.4	4659872758.8	96.9	3283958736.6	87.5
SINTOTU	7315	-3642141644.2	84.3	2861496663.8	80.8	4370361731.8	61.1
SNDPOINT	7280	-3425461736.9	6.1	-1214669084.2	3.6	5223858214.7	9.7
SOURDOGH	7281	-2419993333.1	12.1	-1664228706.4	9.4	5643538200.6	28.0
SOURDOGH	7281 (2)	-2419993323.0	4.7	-1664228734.1	3.8	5643538259.2	10.7
TITIJIMA	7316	-4489356511.3	112.5	3482989601.1	124.5	2887931188.3	71.8
TROMSONO	7602	2102904345.4	6.4	721602395.6	4.7	5958201242.2	14.2
TRYSILNO	7607	2988029411.5	5.2	655956932.9	2.4	5578668984.9	9.9
TSUKUBA	7311	-3957172709.1	15.3	3310237980.1	13.9	3737708980.1	17.0
USUDA64	7246	-3855355147.6	33.1	3427427691.1	29.2	3740971326.2	38.7
VERNAL	7290	-1631473180.9	3.5	-4589128895.4	8.5	4106759823.6	7.2
VICTORIA	7289	-2341309961.9	10.4	-3539083832.4	15.7	4745768312.0	20.1
VNDNBERG	7223	-2678094638.5	.9	-4525450761.8	2.1	3597410113.2	2.7
WESTFORD	7209 ref	1492206788.2	.0	-4458130529.1	.0	4296015444.7	.0
WETTZELL	7224	4075540174.6	2.0	931735068.3	1.1	4801629259.1	4.6
WHTHORSE	7284	-2215213397.4	25.4	-2209261513.7	22.1	5540292358.5	53.1
WHTHORSE	7284 (2)	-2215213511.1	4.8	-2209261615.1	4.8	5540292544.0	11.0
YAKATAGA	7277	-2529744076.5	10.8	-1942091281.9	8.9	5505027936.3	22.5
YAKATAGA	7277 (2)	-2529744093.3	5.0	-1942091236.4	4.3	5505027797.3	10.6
YELLOWKN	7285	-1224124375.6	5.4	-2689530615.9	11.5	5633555252.1	23.9
YLOW7296	7296	-1224399299.9	1.9	-2689273199.3	3.1	5633620217.9	5.0
YUMA	7894	-2196777809.2	4.5	-4887337033.0	9.9	3448425181.9	7.2

Notes:

(1) Positions after the October 1989 Loma Prieta earthquake extrapolated to the site reference epoch.

(2) Positions after the winter 1987-88 Gulf of Alaska earthquakes extrapolated to the site reference epoch.

ref Reference station which defines the coordinate system origin.

Table 5.12

VLBI Site positions at January 1.5, 1990

Name	Monument	X (mm)	Error (mm)	Y (mm)	Error (mm)	Z (mm)	Error (mm)
ALGOPARK	7282	918034928.9	.5	-4346132251.5	1.6	4561971075.5	1.6
AUSTINTX	7271	-737793710.3	3.7	-5459892246.3	16.1	3202990411.4	9.5
BERMUDA	7294	2307209591.3	8.3	-4874215880.0	27.9	3394317845.4	19.1
BLKBUTTE	7269	-2306306852.9	10.8	-4787914406.3	22.1	3515736358.6	15.7
BLOOMIND	7291	302384552.1	21.7	-4941699049.2	47.5	4007908419.3	37.1
BREST	7604	4228877323.2	11.1	-333104365.6	2.5	4747180887.6	12.0
CARNUSTY	7603	3526416591.0	15.4	-171421270.9	3.9	5294098748.5	20.9
CARROLGA	7228	453520718.5	9.2	-5300506774.4	34.2	3507207368.2	20.6
CHLBOLTN	7215	4008310284.8	7.5	-100650933.9	3.7	4943794678.1	9.8
DEADMANL	7267	-2336819559.1	27.6	-4732586950.3	52.3	3570329928.2	37.5
DSS15	7231	-2353538656.9	5.7	-4641649502.1	12.1	3676669950.7	13.9
DSS45	1642	-4460934953.5	8.0	2682765841.4	8.7	-3674381554.9	8.7
DSS65	1665	4849336883.4	3.9	-360488994.6	1.7	4114748688.3	5.5
EFLSBERG	7203	4033947697.4	3.6	486990330.4	1.6	4900430671.4	5.9
ELY	7286	-2077236205.2	4.9	-4486712689.3	10.6	4018753687.0	9.0
FD-VLBA	7613	-1324008995.5	5.3	-5332181916.1	11.5	3231962413.2	8.3
FLAGSTAF	7261	-1923992573.6	6.1	-4850854499.5	14.4	3658589238.8	11.4
FORT ORD	7266	-2697026681.5	9.4	-4354393212.4	15.1	3788077600.7	13.0
FORTORDS	7241	-2699840173.6	6.9	-4359126985.7	11.1	3781050948.9	9.2
FORTORDS	7241 (1)	-2699840149.7	3.6	-4359126962.9	5.9	3781050986.9	5.4
FTD 7900	7900	-1324227848.9	3.6	-5332063037.4	12.7	3232022990.8	7.7
GILCREEK	7225	-2281547031.4	1.5	-1453645017.1	2.3	5756993165.0	4.0
GOLDVENU	1513	-2351129023.4	1.7	-4655477048.5	3.3	3660956840.8	3.5
GORF7102	7102	1130686673.3	2.4	-4831353011.2	8.3	3994110819.0	6.9
GRASSE	7605	4581697891.9	13.0	556125562.3	3.7	4389351333.2	13.5
HALEAKAL	7120	-5465998373.7	14.0	-2404408358.0	7.8	2242228465.7	8.1
HARTRAO	7232	5085442957.0	7.0	2668263337.7	7.5	-2768697178.8	7.3
HATCREEK	7218	-2523969826.7	.9	-4123506327.8	2.3	4147752529.5	2.8
HAYSTACK	7205	1492404913.1	.3	-4457266536.7	.7	4296881680.0	.7
HOBART26	7242	-3950236255.4	8.5	2522347636.2	9.4	-4311562851.0	8.9
HOHENFRG	7600	3778215120.6	6.0	698644601.5	2.4	5074053508.7	8.1
JPL MV1	7263	-2493305922.0	8.8	-4655197511.6	16.1	3565519334.8	12.2
KASHIM34	1857	-3997649077.1	4.2	3276690817.7	3.0	3724278899.6	8.9
KASHIMA	1856	-3997892096.3	4.1	3276581324.3	2.8	3724118292.6	8.9
KAUAI	1311	-5543845885.3	2.1	-2054563969.4	3.7	2387813832.3	5.2
KODIAK	7278	-3026940033.0	6.7	-1575911751.2	4.4	5370362431.4	11.7
KWAJAL26	4968	-6143536282.5	17.6	1363997443.9	6.8	1034707449.7	10.0
LA-VLBA	7611	-1449752211.2	.7	-4975298559.0	2.1	3709123894.2	2.0
LEONRDOK	7292	-522231489.5	3.7	-5145676867.8	19.1	3720152288.5	12.7
MAMMOTHL	7259	-2448246670.5	34.4	-4426738310.5	62.5	3875435845.8	52.0
MARCUS	7310	-5227446574.6	15.4	2551379394.5	9.0	2607604792.9	14.2
MARPOINT	7217	1106629471.2	1.5	-4882907203.1	4.7	3938086897.5	3.8
MATERA	7243	4641939179.9	6.5	1393002848.2	2.7	4133325467.3	8.0
MCD 7850	7850	-1330008057.2	2.8	-5328391559.0	10.5	3236502672.4	6.6
MEDICINA	7230	4461370276.4	2.7	919596625.2	1.5	4449559089.4	5.5
METSHOVI	7601	2890653026.2	15.6	1310295191.9	7.1	5513958636.7	23.5
MILESMON	7038	-1204438903.3	9.2	-4239211090.5	30.1	4596266009.6	30.1
MIYAZAKI	7312	-3582767668.8	109.2	4052034058.0	71.7	3369020588.4	112.3
MIZUSGSI	7314	-3862411685.4	43.1	3105015110.8	17.4	4001944910.9	23.9
MOJ 7288	7288	-2356494005.1	5.8	-4646607659.0	11.0	3668426560.0	8.4
MOJAVE12	7222	-2356170884.2	.4	-4646755862.2	1.9	3668470542.8	2.3
MON PEAK	7274	-2386289340.6	4.0	-4802346482.5	8.2	3444883964.3	6.0
NOBEY 6M	7244	-3871168060.1	9.8	3428274058.3	8.7	3723697670.0	13.1
NOME	7279	-2658150286.6	8.8	-693821873.6	4.1	5737236577.7	18.4
NOTO	7547	4934563406.2	3.6	1321201080.6	1.9	3806484323.9	6.1

(continued)

VLBI Site positions at January 1.5, 1990

Name	Monument	X (mm)	Error (mm)	Y (mm)	Error (mm)	Z (mm)	Error (mm)
NRAO 140	7204	882880054.2	1.0	-4924482327.7	3.5	3944130601.8	2.9
NRAO85 3	7214	882325744.4	.6	-4925137991.4	1.6	3943397581.5	1.3
OCOTILLO	7270	-2335601094.9	18.0	-4832244039.4	35.3	3434392582.8	25.8
ONSALA60	7213	3370606279.9	2.3	711917334.9	1.4	5349830630.0	5.1
OVR 7853	7853	-2410421121.7	5.2	-4477800383.0	9.6	3838690255.7	7.9
OVRO 130	7207	-2409600641.3	1.8	-4478349516.3	3.7	3838603148.5	3.7
PBLOSSOM	7254	-2464070815.6	13.7	-4649425603.8	25.6	3593905629.7	19.3
PENTICTN	7283	-2058840297.9	8.9	-3621286375.4	13.8	4814420694.8	18.8
PIETOWN	7234	-1640953553.0	.5	-5014816005.9	1.7	3575411870.8	1.9
PINFLATS	7256	-2369635879.4	7.3	-4761324830.6	14.2	3511116136.7	10.9
PLATTVIL	7258	-1240708032.6	2.5	-4720454343.1	7.8	4094481594.4	6.7
PRESIDIO	7252	-2707704760.5	7.5	-4257609570.0	11.9	3888374110.5	10.7
PRESIDIO	7252 (1)	-2707704745.6	5.8	-4257609553.4	9.0	3888374080.9	8.4
PT REYES	7251	-2732333011.3	4.1	-4217634794.6	6.4	3914491045.3	6.3
PVERDES	7268	-2525452728.2	7.2	-4670035583.8	13.0	3522886756.3	10.0
QUINCY	7221	-2517230780.9	4.1	-4198595190.4	7.0	4076531210.3	6.7
RICHMOND	7219	961258167.7	1.0	-5674090049.2	1.6	2740533704.6	1.2
ROBLED32	1561	4849245400.9	48.1	-360278342.9	9.5	4114884413.2	42.4
SANPAULA	7255	-2554476596.7	7.9	-4608627287.4	13.9	3582138291.3	10.8
SANTIA12	1404	1769693021.4	8.6	-5044504427.9	16.1	-3468435132.7	9.2
SEATTLE1	7229	-2295347875.5	10.7	-3638029441.0	37.2	4693408637.0	39.2
SESHAN25	7227	-2831686475.0	5.0	4675733844.0	3.4	3275327789.1	9.9
SEST	7239	1838237926.6	9.4	-5258699193.3	17.3	-3100588919.2	8.7
SHANGHAI	7226	-2847697833.5	109.5	4659872752.8	97.0	3283958724.7	87.8
SINTOTU	7315	-3642141660.1	84.3	2861496663.2	80.8	4370361718.8	61.1
SNDPOINT	7280	-3425461756.7	7.4	-1214669085.0	4.0	5223858201.5	11.5
SOURDOGH	7281	-2419993354.6	15.9	-1664228707.5	12.2	5643538191.1	36.6
SOURDOGH	7281 (2)	-2419993344.5	5.9	-1664228735.2	4.7	5643538249.6	13.3
TITIJIMA	7316	-4489356497.2	112.5	3482989618.1	124.5	2887931189.7	71.8
TROMSONO	7602	2102904328.1	6.4	721602408.6	4.7	5958201246.7	14.2
TRYSILNO	7607	2988029395.4	5.2	655956948.5	2.4	5578668991.7	9.9
TSUKUBA	7311	-3957172722.6	21.3	3310237979.8	19.2	3737708966.1	23.0
USUDA64	7246	-3855355168.2	33.1	3427427682.2	29.2	3740971313.0	38.7
VERNAL	7290	-1631473197.1	4.4	-4589128896.2	11.1	4106759816.3	9.7
VICTORIA	7289	-2341309980.3	10.4	-3539083833.3	15.7	4745768302.3	20.1
VNDNBERG	7223	-2678094667.5	1.2	-4525450728.2	2.6	3597410134.0	2.9
WESTFORD	7209 ref	1492206771.4	.0	-4458130530.5	.0	4296015449.2	.0
WETTZELL	7224	4075540159.6	2.4	931735086.7	1.3	4801629268.4	5.3
WHTHORSE	7284	-2215213418.6	33.0	-2209261514.8	29.6	5540292349.6	71.1
WHTHORSE	7284 (2)	-2215213532.3	9.4	-2209261616.2	9.0	5540292535.1	21.1
YAKATAGA	7277	-2529744097.5	14.7	-1942091283.0	12.0	5505027926.3	30.5
YAKATAGA	7277 (2)	-2529744114.4	5.7	-1942091237.4	4.9	5505027787.3	12.0
YELLOWKN	7285	-1224124397.2	5.4	-2689530617.2	11.5	5633555246.8	23.9
YLOW7296	7296	-1224399321.6	1.9	-2689273200.6	3.1	5633620212.6	5.0
YUMA	7894	-2196777823.0	6.5	-4887337033.5	14.3	3448425172.3	10.1

Notes:

(1) Positions after the October 1989 Loma Prieta earthquake extrapolated to the site reference epoch.

(2) Positions after the winter 1987-88 Gulf of Alaska earthquakes extrapolated to the site reference epoch.

ref Reference station which defines the coordinate system origin.

Table 5.13

VLBI Site positions at January 1.5, 1991

Name	Monument	X (mm)	Error (mm)	Y (mm)	Error (mm)	Z (mm)	Error (mm)
ALGOPARK	7282	918034911.0	.6	-4346132252.9	1.7	4561971077.8	1.7
AUSTINTX	7271	-737793723.3	3.7	-5459892247.0	16.1	3202990407.1	9.5
BERMUDA	7294	2307209577.8	8.3	-4874215881.3	27.9	3394317852.8	19.1
BLKBUTTE	7269	-2306306866.9	14.1	-4787914406.8	28.9	3515736348.7	20.6
BLOOMIND	7291	302384536.3	21.7	-4941699050.3	47.5	4007908419.1	37.1
BREST	7604	4228877312.5	11.1	-333104346.8	2.5	4747180898.6	12.0
CARNUSTY	7603	3526416578.3	15.4	-171421253.9	3.9	5294098757.5	20.9
CARROLGA	7228	453520704.5	9.2	-5300506775.5	34.2	3507207368.5	20.6
CHLBOLTN	7215	4008310272.7	7.5	-100650915.7	3.7	4943794688.3	9.8
DEADMANL	7267	-2336819573.3	38.0	-4732586950.9	72.3	3570329918.2	51.4
DSS15	7231	-2353538671.4	9.4	-4641649502.7	19.7	3676669940.6	21.9
DSS45	1642	-4460934990.8	8.4	2682765842.2	10.0	-3674381509.1	10.1
DSS65	1665	4849336874.3	6.9	-360488974.4	2.0	4114748700.8	8.3
EFLSBERG	7203	4033947683.6	4.1	486990348.7	1.8	4900430681.0	6.5
ELY	7286	-2077236221.1	6.7	-4486712690.0	14.6	4018753678.0	12.2
FD-VLBA	7613	-1324009008.6	5.3	-5332181916.8	11.5	3231962406.8	8.3
FLAGSTAF	7261	-1923992588.2	7.8	-4850854500.1	18.3	3658589230.3	14.5
FORT ORD	7266	-2697026707.8	11.9	-4354393178.3	19.1	3788077621.2	16.5
FORTORDS	7241	-2699840199.9	8.4	-4359126951.6	13.5	3781050969.5	11.4
FORTORDS	7241 (1)	-2699840176.0	4.1	-4359126928.8	6.9	3781051007.5	6.2
FTD 7900	7900	-1324227861.9	3.6	-5332063038.0	12.7	3232022984.4	7.7
GILCREEK	7225	-2281547053.3	1.7	-1453645018.2	2.6	5756993156.1	4.6
GOLDVENU	1513	-2351129037.9	1.9	-4655477049.0	3.9	3660956830.8	3.9
GORF7102	7102	1130686657.5	1.7	-4831353012.4	6.0	3994110822.0	4.8
GRASSE	7605	4581697879.1	13.0	556125581.9	3.7	4389351344.1	13.5
HALEAKAL	7120	-5465998387.4	14.0	-2404408297.5	8.1	2242228497.2	8.3
HARTRAO	7232	5085442955.1	7.6	2668263361.1	8.5	-2768697159.9	8.3
HATCREEK	7218	-2523969843.0	1.2	-4123506328.5	2.9	4147752518.9	3.2
HAYSTACK	7205	1492404896.2	.4	-4457266538.1	.8	4296881684.4	.9
HOBART26	7242	-3950236295.0	8.5	2522347645.6	10.6	-4311562809.2	9.9
HOHENFRG	7600	3778215105.7	6.0	698644619.1	2.4	5074053517.4	8.1
JPL MV1	7263	-2493305952.5	10.9	-4655197480.0	19.9	3565519354.8	15.1
KASHIM34	1857	-3997649090.6	4.8	3276690817.4	3.4	3724278885.4	10.4
KASHIMA	1856	-3997892109.8	4.9	3276581324.0	3.3	3724118278.4	10.4
KAUAI	1311	-5543845894.6	2.0	-2054563907.9	4.3	2387813863.6	5.6
KODIAK	7278	-3026940053.4	9.5	-1575911752.1	6.0	5370362419.6	16.4
KWAJAL26	4968	-6143536263.1	21.7	1363997509.6	8.2	1034707478.6	12.0
LA-VLBA	7611	-1449752225.9	.7	-4975298559.7	2.1	3709123887.5	2.0
LEONRDOK	7292	-522231504.3	3.7	-5145676868.7	19.1	3720152285.1	12.7
MAMMOTHL	7259	-2448246685.8	41.0	-4426738311.1	74.6	3875435835.4	62.0
MARCUS	7310	-5227446534.8	15.4	2551379453.1	9.0	2607604815.3	14.2
MARPOINT	7217	1106629455.6	1.8	-4882907204.3	5.9	3938086900.3	4.7
MATERA	7243	4641939165.0	4.2	1393002867.7	2.1	4133325477.5	7.0
MCD 7850	7850	-1330008070.3	2.8	-5328391559.7	10.5	3236502666.0	6.6
MEDICINA	7230	4461370262.2	3.3	919596644.4	1.8	4449559099.6	6.2
METSHOVI	7601	2890653008.1	15.6	1310295207.1	7.1	5513958642.6	23.5
MILESMON	7038	-1204438921.2	9.2	-4239211091.5	30.1	4596266004.0	30.1
MIYAZAKI	7312	-3582767690.5	109.2	4052034049.7	71.7	3369020575.2	112.3
MIZUSGSI	7314	-3862411699.9	43.1	3105015110.4	17.4	4001944897.2	23.9
MOJ 7288	7288	-2356494019.7	5.8	-4646607659.5	11.1	3668426549.9	8.5
MOJAVE12	7222	-2356170898.7	.5	-4646755862.8	2.2	3668470532.7	2.4
MON PEAK	7274	-2386289373.2	5.0	-4802346452.2	10.4	3444883983.9	7.5
NOBEY 6M	7244	-3871168073.5	9.8	3428274058.0	8.7	3723697656.3	13.1
NOME	7279	-2658150308.3	10.8	-693821874.7	4.9	5737236567.5	22.5
NOTO	7547	4934563392.3	4.3	1321201100.8	2.3	3806484334.9	6.9

(continued)

VLBI Site positions at January 1.5, 1991

Name	Monument	X (mm)	Error (mm)	Y (mm)	Error (mm)	Z (mm)	Error (mm)
NRAO 140	7204	882880038.6	1.1	-4924482328.9	3.9	3944130603.8	3.2
NRAO85 3	7214	882325728.7	.4	-4925137992.6	1.1	3943397583.6	.9
OCOTILLO	7270	-2335601127.9	18.0	-4832244009.6	35.3	3434392602.2	25.8
ONSALA60	7213	3370606264.2	2.8	711917351.5	1.7	5349830637.7	5.9
OVR 7853	7853	-2410421136.9	5.3	-4477800383.6	9.9	3838690245.5	8.2
OVRO 130	7207	-2409600656.4	2.0	-4478349517.0	4.4	3838603138.3	4.2
PBLOSSOM	7254	-2464070829.9	16.9	-4649425604.3	31.6	3593905619.2	23.7
PENTICTN	7283	-2058840316.6	10.8	-3621286376.3	16.6	4814420686.1	22.7
PIETOWN	7234	-1640953567.3	.6	-5014816006.6	2.0	3575411863.3	2.0
PINFLATS	7256	-2369635911.3	9.3	-4761324800.4	18.2	3511116156.2	13.9
PLATTVIL	7258	-1240708048.8	3.3	-4720454344.0	10.0	4094481588.5	8.6
PRESIDIO	7252	-2707704775.8	9.9	-4257609570.6	15.7	3888374099.1	13.9
PRESIDIO	7252 (1)	-2707704760.9	5.6	-4257609554.0	8.7	3888374069.6	8.3
PT REYES	7251	-2732333035.5	5.6	-4217634760.0	8.6	3914491065.8	8.3
PVERDES	7268	-2525452759.1	10.0	-4670035551.9	18.1	3522886776.4	13.8
QUINCY	7221	-2517230796.9	5.3	-4198595191.1	9.0	4076531199.7	8.6
RICHMOND	7219	961258156.4	1.0	-5674090050.1	1.6	2740533706.7	1.2
ROBLED32	1561	4849245391.8	49.9	-360278322.7	9.8	4114884425.7	44.8
SANPAULA	7255	-2554476626.6	10.7	-4608627255.1	18.9	3582138311.5	14.6
SANTIA12	1404	1769693022.3	8.6	-5044504433.3	16.1	-3468435124.4	9.2
SEATTLE1	7229	-2295347893.7	13.0	-3638029441.9	30.2	4693408627.4	34.6
SESHAN25	7227	-2831686498.5	5.9	4675733838.0	4.1	3275327777.2	11.7
SEST	7239	1838237926.7	9.4	-5258699198.4	17.3	-3100588910.6	8.7
SHANGHAI	7226	-2847697857.1	109.7	4659872746.8	97.3	3283958712.7	88.2
SINTOTU	7315	-3642141676.1	84.3	2861496662.6	80.8	4370361705.9	61.1
SNDPOINT	7280	-3425461776.6	10.7	-1214669085.8	5.7	5223858188.3	16.3
SOURDOGH	7281	-2419993376.1	19.7	-1664228708.6	15.1	5643538181.5	45.5
SOURDOGH	7281 (2)	-2419993366.0	8.8	-1664228736.3	6.9	5643538240.1	20.2
TITIJIMA	7316	-4489356483.1	112.5	3482989635.1	124.5	2887931191.1	71.8
TROMSONO	7602	2102904310.8	6.4	721602421.7	4.7	5958201251.3	14.2
TRYSILNO	7607	2988029379.3	5.2	655956964.0	2.4	5578668998.5	9.9
TSUKUBA	7311	-3957172736.1	28.0	3310237979.4	25.1	3737708952.1	29.7
USUDA64	7246	-3855355188.9	33.1	3427427673.4	29.2	3740971299.8	38.7
VERNAL	7290	-1631473213.3	6.2	-4589128897.0	15.6	4106759808.9	13.7
VICTORIA	7289	-2341309998.7	10.4	-3539083834.1	15.7	4745768292.5	20.1
VNDNBERG	7223	-2678094696.4	1.5	-4525450694.6	3.3	3597410154.7	3.2
WESTFORD	7209 ref	1492206754.5	.0	-4458130531.9	.0	4296015453.6	.0
WETTZELL	7224	4075540144.5	2.9	931735105.0	1.6	4801629277.6	6.0
WHTHORSE	7284	-2215213439.7	41.0	-2209261515.9	37.3	5540292340.7	89.7
WHTHORSE	7284 (2)	-2215213553.5	17.4	-2209261617.3	16.5	5540292526.2	39.0
YAKATAGA	7277	-2529744118.5	18.7	-1942091284.0	15.3	5505027916.2	39.0
YAKATAGA	7277 (2)	-2529744135.4	8.8	-1942091238.5	7.4	5505027777.3	18.4
YELLOWKN	7285	-1224124418.8	5.4	-2689530618.5	11.5	5633555241.4	23.9
YLOW7296	7296	-1224399343.2	1.9	-2689273201.9	3.1	5633620207.3	5.0
YUMA	7894	-2196777836.7	8.5	-4887337034.1	18.8	3448425162.8	13.3

Notes:

(1) Positions after the October 1989 Loma Prieta earthquake extrapolated to the site reference epoch.

(2) Positions after the winter 1987-88 Gulf of Alaska earthquakes extrapolated to the site reference epoch.

ref Reference station which defines the coordinate system origin.

Table 5.14

VLBI Site positions at January 1.5, 1992

Name	Monument	X (mm)	Error (mm)	Y (mm)	Error (mm)	Z (mm)	Error (mm)
ALGOPARK	7282	918034893.1	.7	-4346132254.2	2.2	4561971080.1	2.2
AUSTINTX	7271	-737793736.2	3.7	-5459892247.7	16.1	3202990402.9	9.5
BERMUDA	7294	2307209564.2	8.3	-4874215882.5	27.9	3394317860.2	19.1
BLKBUTTE	7269	-2306306880.9	17.5	-4787914407.4	35.9	3515736338.7	25.5
BLOOMIND	7291	302384520.4	21.7	-4941699051.4	47.5	4007908418.9	37.1
BREST	7604	4228877301.7	11.1	-333104328.0	2.5	4747180909.5	12.0
CARNUSTY	7603	3526416565.6	15.4	-171421236.8	3.9	5294098766.5	20.9
CARROLGA	7228	453520690.4	9.2	-5300506776.5	34.2	3507207368.8	20.6
CHLBOLTN	7215	4008310260.7	7.5	-100650897.4	3.7	4943794698.4	9.8
DEADMANL	7267	-2336819587.5	48.5	-4732586951.4	92.5	3570329908.1	65.6
DSS15	7231	-2353538686.0	13.2	-4641649503.3	27.6	3676669930.6	30.1
DSS45	1642	-4460935028.1	10.3	2682765843.0	12.0	-3674381463.2	11.9
DSS65	1665	4849336865.2	10.2	-360488954.2	2.6	4114748713.3	11.7
EFLSBERG	7203	4033947669.7	4.6	486990367.0	2.1	4900430690.6	7.3
ELY	7286	-2077236236.9	8.6	-4486712690.8	18.9	4018753669.0	15.7
FD-VLBA	7613	-1324009021.6	5.3	-5332181917.4	11.5	3231962400.4	8.3
FLAGSTAF	7261	-1923992602.7	9.6	-4850854500.8	22.6	3658589221.8	17.9
FORT ORD	7266	-2697026734.0	14.6	-4354393144.2	23.4	3788077641.8	20.1
FORTORDS	7241	-2699840226.2	10.4	-4359126917.5	16.9	3781050990.0	14.3
FORTORDS	7241 (1)	-2699840202.3	6.1	-4359126894.6	10.1	3781051028.1	8.9
FTD 7900	7900	-1324227875.0	3.6	-5332063038.6	12.7	3232022978.0	7.7
GILCREEK	7225	-2281547075.2	2.0	-1453645019.4	3.0	5756993147.1	5.3
GOLDVENU	1513	-2351129052.4	2.3	-4655477049.6	4.5	3660956820.7	4.4
GORF7102	7102	1130686641.6	2.4	-4831353013.6	8.8	3994110824.9	6.9
GRASSE	7605	4581697866.3	13.0	556125601.5	3.7	4389351355.0	13.5
HALEAKAL	7120	-5465998401.1	14.0	-2404408237.0	8.4	2242228528.6	8.7
HARTRAO	7232	5085442953.1	9.1	2668263384.5	9.8	-2768697140.9	9.4
HATCREEK	7218	-2523969859.3	1.5	-4123506329.2	3.5	4147752508.4	3.7
HAYSTACK	7205	1492404879.3	.5	-4457266539.4	1.0	4296881688.8	1.1
HOBART26	7242	-3950236334.7	10.5	2522347655.0	12.6	-4311562767.4	12.1
HOHENFRG	7600	3778215090.7	6.0	698644636.8	2.4	5074053526.2	8.1
JPL MV1	7263	-2493305983.0	13.1	-4655197448.4	23.9	3565519374.8	18.1
KASHIM34	1857	-3997649104.0	5.6	3276690817.1	3.8	3724278871.3	12.0
KASHIMA	1856	-3997892123.3	5.7	3276581323.7	3.8	3724118264.3	12.0
KAUAI	1311	-5543845903.9	1.9	-2054563846.3	5.0	2387813894.9	6.1
KODIAK	7278	-3026940073.9	12.7	-1575911753.0	8.0	5370362407.8	21.8
KWAJAL26	4968	-6143536243.6	26.0	1363997575.3	9.7	1034707507.6	14.1
LA-VLBA	7611	-1449752240.7	.7	-4975298560.5	2.1	3709123880.7	2.0
LEONRDOK	7292	-522231519.1	3.7	-5145676869.6	19.1	3720152281.8	12.7
MAMMOTHL	7259	-2448246701.1	47.8	-4426738311.7	86.7	3875435825.0	72.1
MARCUS	7310	-5227446495.0	15.4	2551379511.7	9.0	2607604837.7	14.2
MARPOINT	7217	1106629440.0	2.2	-4882907205.5	7.2	3938086903.2	5.9
MATERA	7243	4641939150.0	4.7	1393002887.2	2.4	4133325487.6	7.8
MCD 7850	7850	-1330008083.3	2.8	-5328391560.3	10.5	3236502659.6	6.6
MEDICINA	7230	4461370248.1	4.2	919596663.7	2.2	4449559109.8	7.3
METSHOVI	7601	2890652989.9	15.6	1310295222.3	7.1	5513958648.5	23.5
MILESMON	7038	-1204438939.2	9.2	-4239211092.5	30.1	4596265998.3	30.1
MIYAZAKI	7312	-3582767712.3	109.2	4052034041.4	71.7	3369020562.1	112.3
MIZUSGSI	7314	-3862411714.4	43.1	3105015109.9	17.4	4001944883.5	23.9
MOJ 7288	7288	-2356494034.2	5.8	-4646607660.1	11.2	3668426539.8	8.5
MOJAVE12	7222	-2356170913.3	.5	-4646755863.4	2.6	3668470522.6	2.5
MON PEAK	7274	-2386289405.8	6.1	-4802346421.9	12.7	3444884003.6	9.2
NOBEY 6M	7244	-3871168086.9	9.8	3428274057.6	8.7	3723697642.7	13.1
NOME	7279	-2658150330.0	13.1	-693821875.7	5.9	5737236557.4	27.1
NOTO	7547	4934563378.5	6.1	1321201121.0	3.1	3806484345.9	8.4

(continued)

VLBI Site positions at January 1.5, 1992

Name	Monument	X (mm)	Error (mm)	Y (mm)	Error (mm)	Z (mm)	Error (mm)
NRAO 140	7204	882880023.0	1.3	-4924482330.1	4.3	3944130605.8	3.6
NRAO85 3	7214	882325713.1	.5	-4925137993.8	1.6	3943397585.6	1.3
OCOTILLO	7270	-2335601160.9	18.0	-4832243979.8	35.3	3434392621.7	25.8
ONSALA60	7213	3370606248.5	3.3	711917368.1	2.0	5349830645.4	6.7
OVR 7853	7853	-2410421152.0	5.4	-4477800384.3	10.2	3838690235.2	8.5
OVRO 130	7207	-2409600671.6	2.3	-4478349517.6	5.1	3838603128.0	4.8
PBLOSSOM	7254	-2464070844.2	20.2	-4649425604.9	37.7	3593905608.7	28.3
PENTICTN	7283	-2058840335.3	13.1	-3621286377.3	20.3	4814420677.4	27.6
PIETOWN	7234	-1640953581.6	.9	-5014816007.3	2.6	3575411855.8	2.3
PINFLATS	7256	-2369635943.1	11.5	-4761324770.1	22.3	3511116175.7	17.0
PLATTVIL	7258	-1240708065.0	4.1	-4720454344.8	12.4	4094481582.6	10.6
PRESIDIO	7252	-2707704791.2	12.3	-4257609571.2	19.6	3888374087.8	17.4
PRESIDIO	7252 (1)	-2707704776.2	6.6	-4257609554.6	10.3	3888374058.3	9.7
PT REYES	7251	-2732333059.6	7.3	-4217634725.3	11.2	3914491086.3	10.8
PVERDES	7268	-2525452789.9	13.3	-4670035520.0	24.0	3522886796.6	18.2
QUINCY	7221	-2517230812.9	6.6	-4198595191.8	11.2	4076531189.2	10.6
RICHMOND	7219	961258145.2	1.0	-5674090050.9	1.6	2740533708.9	1.3
ROBLED32	1561	4849245382.7	51.9	-360278302.5	10.2	4114884438.2	47.2
SANPAULA	7255	-2554476656.5	13.9	-4608627222.8	24.6	3582138331.7	18.8
SANTIA12	1404	1769693023.1	8.6	-5044504438.7	16.1	-3468435116.1	9.2
SEATTLE1	7229	-2295347912.0	18.7	-3638029442.7	81.8	4693408617.8	84.0
SESHAN25	7227	-2831686522.1	7.3	4675733832.1	5.9	3275327765.3	13.8
SEST	7239	1838237926.8	9.4	-5258699203.4	17.3	-3100588902.0	8.7
SHANGHAI	7226	-2847697880.6	109.9	4659872740.8	97.6	3283958700.8	88.7
SINTOTU	7315	-3642141692.1	84.3	2861496662.1	80.8	4370361693.0	61.1
SNDPOINT	7280	-3425461796.4	14.8	-1214669086.6	8.0	5223858175.1	22.4
SOURDOGH	7281	-2419993397.6	23.6	-1664228709.7	18.0	5643538172.0	54.5
SOURDOGH	7281 (2)	-2419993387.5	12.4	-1664228737.4	9.6	5643538230.6	28.4
TITIJIMA	7316	-4489356469.0	112.5	3482989652.1	124.5	2887931192.4	71.8
TROMSONO	7602	2102904293.5	6.4	721602434.7	4.7	5958201255.8	14.2
TRYSILNO	7607	2988029363.1	5.2	655956979.6	2.4	5578669005.3	9.9
TSUKUBA	7311	-3957172749.6	35.0	3310237979.1	31.3	3737708938.1	36.6
USUDA64	7246	-3855355209.5	33.1	3427427664.6	29.2	3740971286.7	38.7
VERNAL	7290	-1631473229.5	8.2	-4589128897.9	20.7	4106759801.6	18.2
VICTORIA	7289	-2341310017.2	10.4	-3539083835.0	15.7	4745768282.8	20.1
VNDNBERG	7223	-2678094725.4	1.9	-4525450661.0	4.0	3597410175.4	3.7
WESTFORD	7209 ref	1492206737.6	.0	-4458130533.2	.0	4296015458.0	.0
WETTZELL	7224	4075540129.4	3.4	931735123.4	1.9	4801629286.9	6.8
WHTHORSE	7284	-2215213460.9	49.1	-2209261517.0	45.2	5540292331.8	108.5
WHTHORSE	7284 (2)	-2215213574.7	25.7	-2209261618.4	24.3	5540292517.2	57.9
YAKATAGA	7277	-2529744139.6	22.9	-1942091285.1	18.7	5505027906.2	47.7
YAKATAGA	7277 (2)	-2529744156.4	12.6	-1942091239.5	10.5	5505027767.2	26.4
YELLOWKN	7285	-1224124440.4	5.4	-2689530619.8	11.5	5633555236.1	23.9
YLOW7296	7296	-1224399364.8	1.9	-2689273203.2	3.1	5633620201.9	5.0
YUMA	7894	-2196777850.5	10.6	-4887337034.6	23.5	3448425153.2	16.6

Notes:

(1) **Positions after the October 1989 Loma Prieta earthquake extrapolated to the site reference epoch.**

(2) Positions after the winter 1987-88 Gulf of Alaska earthquakes extrapolated to the site reference epoch.

ref Reference station which defines the coordinate system origin.

Table 5.15

VLBI Site positions at January 1.5, 1993

Name	Monument	X (mm)	Error (mm)	Y (mm)	Error (mm)	Z (mm)	Error (mm)
ALGOPARK	7282	918034875.2	.9	-4346132255.6	2.9	4561971082.4	2.9
AUSTINTX	7271	-737793749.2	3.7	-5459892248.5	16.1	3202990398.7	9.5
BERMUDA	7294	2307209550.6	8.3	-4874215883.8	27.9	3394317867.6	19.1
BLKBUTTE	7269	-2306306894.9	21.0	-4787914407.9	43.0	3515736328.8	30.6
BLOOMIND	7291	302384504.5	21.7	-4941699052.5	47.5	4007908418.7	37.1
BREST	7604	4228877290.9	11.1	-333104309.1	2.5	4747180920.4	12.0
CARNUSTY	7603	3526416552.9	15.4	-171421219.7	3.9	5294098775.5	20.9
CARROLGA	7228	453520676.4	9.2	-5300506777.5	34.2	3507207369.1	20.6
CHLBOLTN	7215	4008310248.6	7.5	-100650879.0	3.7	4943794708.5	9.8
DEADMANL	7267	-2336819601.7	59.1	-4732586952.0	113.0	3570329898.1	80.0
DSS15	7231	-2353538700.7	17.0	-4641649503.9	35.5	3676669920.4	38.5
DSS45	1642	-4460935065.5	13.1	2682765843.8	14.4	-3674381417.2	14.1
DSS65	1665	4849336856.1	13.6	-360488933.9	3.2	4114748725.9	15.2
EFLSBERG	7203	4033947655.8	5.2	486990385.4	2.5	4900430700.2	8.2
ELY	7286	-2077236252.8	10.7	-4486712691.5	23.4	4018753660.0	19.4
FD-VLBA	7613	-1324009034.6	5.3	-5332181918.1	11.5	3231962394.0	8.3
FLAGSTAF	7261	-1923992617.3	11.4	-4850854501.5	27.1	3658589213.3	21.4
FORT ORD	7266	-2697026760.2	17.3	-4354393110.0	27.8	3788077662.4	23.9
FORTORDS	7241	-2699840252.6	12.8	-4359126883.3	20.7	3781051010.7	17.6
FORTORDS	7241 (1)	-2699840228.7	8.6	-4359126860.4	14.1	3781051048.7	12.3
FTD 7900	7900	-1324227888.0	3.6	-5332063039.3	12.7	3232022971.6	7.7
GILCREEK	7225	-2281547097.1	2.3	-1453645020.5	3.4	5756993138.1	6.0
GOLDVENU	1513	-2351129067.0	2.6	-4655477050.2	5.3	3660956810.6	4.9
GORF7102	7102	1130686625.8	3.9	-4831353014.9	13.9	3994110827.9	10.9
GRASSE	7605	4581697853.4	13.0	556125621.1	3.7	4389351365.9	13.5
HALEAKAL	7120	-5465998414.9	14.0	-2404408176.3	8.8	2242228560.2	9.0
HARTRAO	7232	5085442951.1	11.0	2668263408.0	11.3	-2768697122.0	10.7
HATCREEK	7218	-2523969875.6	1.9	-4123506329.9	4.2	4147752497.7	4.2
HAYSTACK	7205	1492404862.4	.6	-4457266540.8	1.3	4296881693.3	1.3
HOBART26	7242	-3950236374.4	13.6	2522347664.4	15.3	-4311562725.5	15.0
HOHENFRG	7600	3778215075.6	6.0	698644654.5	2.4	5074053534.9	8.1
JPL MV1	7263	-2493306013.6	15.3	-4655197416.7	28.0	3565519394.8	21.2
KASHIM34	1857	-3997649117.5	6.4	3276690816.7	4.3	3724278857.1	13.6
KASHIMA	1856	-3997892136.8	6.7	3276581323.4	4.4	3724118250.1	13.7
KAUAI	1311	-5543845913.3	1.8	-2054563784.6	5.6	2387813926.3	6.7
KODIAK	7278	-3026940094.4	16.0	-1575911753.9	10.1	5370362396.0	27.4
KWAJAL26	4968	-6143536224.1	30.4	1363997641.1	11.3	1034707536.6	16.2
LA-VLBA	7611	-1449752255.5	.7	-4975298561.2	2.1	3709123873.9	2.0
LEONRDOK	7292	-522231534.0	3.7	-5145676870.5	19.1	3720152278.5	12.7
MAMMOTHL	7259	-2448246716.5	54.6	-4426738312.3	99.0	3875435814.6	82.3
MARCUS	7310	-5227446455.1	15.4	2551379570.5	9.0	2607604860.2	14.2
MARPOINT	7217	1106629424.4	2.7	-4882907206.8	8.7	3938086906.1	7.1
MATERA	7243	4641939135.1	7.6	1393002906.8	3.4	4133325497.8	10.0
MCD 7850	7850	-1330008096.4	2.8	-5328391561.0	10.5	3236502653.2	6.6
MEDICINA	7230	4461370233.9	5.3	919596683.0	2.7	4449559120.1	8.4
METSHOVI	7601	2890652971.8	15.6	1310295237.5	7.1	5513958654.4	23.5
MILESMON	7038	-1204438957.2	9.2	-4239211093.5	30.1	4596265992.6	30.1
MIYAZAKI	7312	-3582767734.1	109.2	4052034033.0	71.7	3369020549.0	112.3
MIZUSGSI	7314	-3862411729.0	43.1	3105015109.5	17.4	4001944869.8	23.9
MOJ 7288	7288	-2356494048.8	5.8	-4646607660.7	11.3	3668426529.7	8.6
MOJAVE12	7222	-2356170927.9	.6	-4646755864.0	3.1	3668470512.5	2.8
MON PEAK	7274	-2386289438.5	7.3	-4802346391.5	15.1	3444884023.3	10.8
NOBEY 6M	7244	-3871168100.4	9.8	3428274057.3	8.7	3723697629.0	13.1
NOME	7279	-2658150351.7	15.6	-693821876.8	7.0	5737236547.2	31.9
NOTO	7547	4934563364.6	8.4	1321201141.2	4.0	3806484356.9	10.2

(continued)

VLBI Site positions at January 1.5, 1993

Name	Monument	X (mm)	Error (mm)	Y (mm)	Error (mm)	Z (mm)	Error (mm)
NRAO 140	7204	882880007.3	1.4	-4924482331.3	4.8	3944130607.8	4.0
NRAO85 3	7214	882325697.4	.8	-4925137995.0	2.5	3943397587.6	2.1
OCOTILLO	7270	-2335601194.0	18.0	-4832243950.0	35.3	3434392641.2	25.8
ONSALA60	7213	3370606232.7	3.9	711917384.7	2.3	5349830653.1	7.6
OVR 7853	7853	-2410421167.2	5.5	-4477800384.9	10.6	3838690224.9	8.8
OVRO 130	7207	-2409600686.8	2.6	-4478349518.2	5.8	3838603117.7	5.4
PBLOSSOM	7254	-2464070858.5	23.5	-4649425605.4	44.0	3593905598.2	33.0
PENTICTN	7283	-2058840354.0	15.6	-3621286378.2	24.4	4814420668.7	33.0
PIETOWN	7234	-1640953595.9	1.2	-5014816008.0	3.3	3575411848.3	2.7
PINFLATS	7256	-2369635975.1	13.6	-4761324739.8	26.6	3511116195.3	20.2
PLATTVIL	7258	-1240708081.2	4.9	-4720454345.7	15.0	4094481576.7	12.7
PRESIDIO	7252	-2707704806.5	14.9	-4257609571.8	23.6	3888374076.5	20.9
PRESIDIO	7252 (1)	-2707704791.6	8.3	-4257609555.2	13.1	3888374047.0	12.2
PT REYES	7251	-2732333083.8	9.2	-4217634690.5	14.0	3914491106.8	13.4
PVERDES	7268	-2525452820.8	16.8	-4670035488.0	30.2	3522886816.8	22.9
QUINCY	7221	-2517230828.9	8.0	-4198595192.4	13.5	4076531178.6	12.8
RICHMOND	7219	961258133.9	1.0	-5674090051.8	1.6	2740533711.0	1.3
ROBLED32	1561	4849245373.6	54.0	-360278282.3	10.5	4114884450.7	49.9
SANPAULA	7255	-2554476686.5	17.3	-4608627190.5	30.7	3582138352.0	23.4
SANTIA12	1404	1769693024.0	8.6	-5044504444.1	16.1	-3468435107.8	9.2
SEATTLE1	7229	-2295347930.3	25.7	-3638029443.6	137.0	4693408608.2	138.4
SESHAN25	7227	-2831686545.8	8.9	4675733826.1	8.0	3275327753.4	16.1
SEST	7239	1838237926.9	9.4	-5258699208.5	17.3	-3100588893.3	8.7
SHANGHAI	7226	-2847697904.2	110.1	4659872734.8	98.0	3283958688.9	89.2
SINTOTU	7315	-3642141708.1	84.3	2861496661.5	80.8	4370361680.0	61.1
SNDPOINT	7280	-3425461816.3	19.2	-1214669087.5	10.5	5223858161.9	28.9
SOURDOGH	7281	-2419993419.1	27.5	-1664228710.8	20.9	5643538162.4	63.6
SOURDOGH	7281 (2)	-2419993409.0	16.2	-1664228738.5	12.4	5643538221.0	37.1
TITIJIMA	7316	-4489356454.9	112.5	3482989669.1	124.5	2887931193.8	71.8
TROMSONO	7602	2102904276.2	6.4	721602447.8	4.7	5958201260.3	14.2
TRYSILNO	7607	2988029347.0	5.2	655956995.2	2.4	5578669012.1	9.9
TSUKUBA	7311	-3957172763.1	42.1	3310237978.8	37.6	3737708924.0	43.8
USUDA64	7246	-3855355230.2	33.1	3427427655.7	29.2	3740971273.5	38.7
VERNAL	7290	-1631473245.7	10.4	-4589128898.7	26.2	4106759794.2	22.9
VICTORIA	7289	-2341310035.6	10.4	-3539083835.9	15.7	4745768273.0	20.1
VNDNBERG	7223	-2678094754.4	2.3	-4525450627.3	4.7	3597410196.2	4.2
WESTFORD	7209 ref	1492206720.7	.0	-4458130534.6	.0	4296015462.5	.0
WETTZELL	7224	4075540114.3	4.0	931735141.8	2.3	4801629296.1	7.7
WHTHORSE	7284	-2215213482.2	57.5	-2209261518.1	53.1	5540292322.8	127.6
WHTHORSE	7284 (2)	-2215213595.9	34.3	-2209261619.5	32.3	5540292508.3	77.1
YAKATAGA	7277	-2529744160.6	27.1	-1942091286.1	22.1	5505027896.2	56.5
YAKATAGA	7277 (2)	-2529744177.4	16.7	-1942091240.6	13.9	5505027757.2	35.0
YELLOWKN	7285	-1224124462.1	5.4	-2689530621.1	11.5	5633555230.8	23.9
YLOW7296	7296	-1224399386.5	1.9	-2689273204.4	3.1	5633620196.6	5.0
YUMA	7894	-2196777864.3	12.8	-4887337035.2	28.2	3448425143.6	19.9

Notes:

(1) Positions after the October 1989 Loma Prieta earthquake extrapolated to the site reference epoch.

(2) Positions after the winter 1987-88 Gulf of Alaska earthquakes extrapolated to the site reference epoch.

ref Reference station which defines the coordinate system origin.

Table 5.16

VLBI Site positions at January 1.5, 1994

Name	Monument	X (mm)	Error (mm)	Y (mm)	Error (mm)	Z (mm)	Error (mm)
ALGOPARK	7282	918034857.4	1.1	-4346132257.0	3.7	4561971084.7	3.6
AUSTINTX	7271	-737793762.1	3.7	-5459892249.2	16.1	3202990394.5	9.5
BERMUDA	7294	2307209537.1	8.3	-4874215885.1	27.9	3394317874.9	19.1
BLKBUTTE	7269	-2306306908.9	24.5	-4787914408.5	50.1	3515736318.8	35.6
BLOOMIND	7291	302384488.6	21.7	-4941699053.6	47.5	4007908418.6	37.1
BREST	7604	4228877280.1	11.1	-333104290.3	2.5	4747180931.3	12.0
CARNUSTY	7603	3526416540.3	15.4	-171421202.7	3.9	5294098784.5	20.9
CARROLGA	7228	453520662.3	9.2	-5300506778.5	34.2	3507207369.4	20.6
CHLBOLTN	7215	4008310236.6	7.5	-100650860.8	3.7	4943794718.7	9.8
DEADMANL	7267	-2336819615.9	69.7	-4732586952.6	133.6	3570329888.0	94.4
DSS15	7231	-2353538715.2	20.8	-4641649504.5	43.5	3676669910.4	46.8
DSS45	1642	-4460935102.7	16.3	2682765844.6	17.0	-3674381371.3	16.4
DSS65	1665	4849336847.0	17.1	-360488913.7	3.8	4114748738.4	18.8
EFLSBERG	7203	4033947642.0	5.9	486990403.7	2.9	4900430709.8	9.1
ELY	7286	-2077236268.6	12.8	-4486712692.2	28.0	4018753651.0	23.2
FD-VLBA	7613	-1324009047.7	5.3	-5332181918.7	11.5	3231962387.6	8.3
FLAGSTAF	7261	-1923992631.9	13.3	-4850854502.1	31.7	3658589204.7	24.9
FORT ORD	7266	-2697026786.5	20.0	-4354393075.9	32.2	3788077682.9	27.7
FORTORDS	7241	-2699840278.9	15.3	-4359126849.2	24.8	3781051031.2	21.1
FORTORDS	7241 (1)	-2699840255.0	11.3	-4359126826.3	18.4	3781051069.3	15.9
FTD 7900	7900	-1324227901.0	3.6	-5332063039.9	12.7	3232022965.2	7.7
GILCREEK	7225	-2281547119.0	2.6	-1453645021.7	3.8	5756993129.2	6.7
GOLDVENU	1513	-2351129081.5	3.0	-4655477050.8	6.0	3660956800.5	5.5
GORF7102	7102	1130686610.0	5.4	-4831353016.1	19.5	3994110830.9	15.5
GRASSE	7605	4581697840.6	13.0	556125640.7	3.7	4389351376.8	13.5
HALEAKAL	7120	-5465998428.6	14.0	-2404408115.8	9.3	2242228591.7	9.4
HARTRAO	7232	5085442949.2	13.3	2668263431.4	12.9	-2768697103.0	12.0
HATCREEK	7218	-2523969891.8	2.3	-4123506330.6	4.9	4147752487.2	4.9
HAYSTACK	7205	1492404845.5	.7	-4457266542.2	1.5	4296881697.7	1.6
HOBART26	7242	-3950236414.1	17.3	2522347673.8	18.2	-4311562683.6	18.4
HOHENFRG	7600	3778215060.6	6.0	698644672.1	2.4	5074053543.7	8.1
JPL MV1	7263	-2493306044.0	17.6	-4655197385.0	32.1	3565519414.8	24.3
KASHIM34	1857	-3997649131.0	7.3	3276690816.4	4.9	3724278842.9	15.3
KASHIMA	1856	-3997892150.2	7.6	3276581323.0	5.0	3724118235.9	15.5
KAUAI	1311	-5543845922.6	1.8	-2054563723.0	6.3	2387813957.6	7.2
KODIAK	7278	-3026940114.8	19.3	-1575911754.9	12.2	5370362384.2	33.2
KWAJAL26	4968	-6143536204.6	34.8	1363997706.8	12.8	1034707565.5	18.4
LA-VLBA	7611	-1449752270.2	.7	-4975298561.9	2.1	3709123867.1	2.0
LEONRDOK	7292	-522231548.8	3.7	-5145676871.4	19.1	3720152275.2	12.7
MAMMOTHL	7259	-2448246731.7	61.5	-4426738313.0	111.3	3875435804.2	92.5
MARCUS	7310	-5227446415.3	15.4	2551379629.1	9.0	2607604882.6	14.2
MARPOINT	7217	1106629408.8	3.1	-4882907208.0	10.2	3938086908.9	8.4
MATERA	7243	4641939120.2	11.0	1393002926.3	4.6	4133325508.0	12.9
MCD 7850	7850	-1330008109.4	2.8	-5328391561.6	10.5	3236502646.8	6.6
MEDICINA	7230	4461370219.7	6.4	919596702.3	3.2	4449559130.3	9.7
METSHOVI	7601	2890652953.7	15.6	1310295252.7	7.1	5513958660.2	23.5
MILESMON	7038	-1204438975.2	9.2	-4239211094.6	30.1	4596265987.0	30.1
MIYAZAKI	7312	-3582767755.9	109.2	4052034024.7	71.7	3369020535.8	112.3
MIZUSGSI	7314	-3862411743.6	43.1	3105015109.1	17.4	4001944856.1	23.9
MOJ 7288	7288	-2356494063.4	5.8	-4646607661.3	11.4	3668426519.6	8.7
MOJAVE12	7222	-2356170942.4	.7	-4646755864.6	3.5	3668470502.4	3.0
MON PEAK	7274	-2386289471.2	8.5	-4802346361.1	17.5	3444884043.0	12.6
NOBEY 6M	7244	-3871168113.8	9.8	3428274056.9	8.7	3723697615.4	13.1
NOME	7279	-2658150373.4	18.2	-693821877.9	8.2	5737236537.0	36.9
NOTO	7547	4934563350.7	10.8	1321201161.3	5.0	3806484367.9	12.3

(continued)

VLBI Site positions at January 1.5, 1994

Name	Monument	X (mm)	Error (mm)	Y (mm)	Error (mm)	Z (mm)	Error (mm)
NRAO 140	7204	882879991.7	1.5	-4924482332.5	5.4	3944130609.8	4.4
NRAO85 3	7214	882325681.8	1.2	-4925137996.2	3.6	3943397589.6	2.9
OCOTILLO	7270	-2335601227.0	18.0	-4832243920.2	35.3	3434392660.7	25.8
ONSALA60	7213	3370606217.0	4.5	711917401.3	2.7	5349830660.8	8.5
OVR 7853	7853	-2410421182.4	5.7	-4477800385.5	11.0	3838690214.7	9.2
OVRO 130	7207	-2409600702.0	2.9	-4478349518.8	6.5	3838603107.5	6.0
PBLOSSOM	7254	-2464070872.7	26.9	-4649425606.0	50.2	3593905587.7	37.6
PENTICTN	7283	-2058840372.7	18.3	-3621286379.1	28.8	4814420660.0	38.6
PIETOWN	7234	-1640953610.1	1.5	-5014816008.6	4.0	3575411840.8	3.2
PINFLATS	7256	-2369636006.9	15.8	-4761324709.5	30.9	3511116214.8	23.4
PLATTVIL	7258	-1240708097.3	5.8	-4720454346.6	17.6	4094481570.8	14.9
PRESIDIO	7252	-2707704821.8	17.4	-4257609572.4	27.6	3888374065.2	24.5
PRESIDIO	7252 (1)	-2707704806.9	10.4	-4257609555.8	16.5	3888374035.7	15.1
PT REYES	7251	-2732333108.0	11.1	-4217634655.8	16.9	3914491127.3	16.2
PVERDES	7268	-2525452851.7	20.4	-4670035456.1	36.7	3522886837.0	27.7
QUINCY	7221	-2517230845.0	9.4	-4198595193.1	15.9	4076531168.0	15.0
RICHMOND	7219	961258122.7	1.0	-5674090052.7	1.6	2740533713.1	1.3
ROBLED32	1561	4849245364.5	56.3	-360278262.1	11.0	4114884463.2	52.7
SANPAULA	7255	-2554476716.4	20.7	-4608627158.2	36.9	3582138372.2	28.1
SANTIA12	1404	1769693024.9	8.6	-5044504449.5	16.1	-3468435099.5	9.2
SEATTLE1	7229	-2295347948.5	33.2	-3638029444.5	192.5	4693408598.6	193.4
SESHAN25	7227	-2831686569.3	10.7	4675733820.2	10.3	3275327741.5	18.6
SEST	7239	1838237927.0	9.4	-5258699213.5	17.3	-3100588884.7	8.7
SHANGHAI	7226	-2847697927.8	110.4	4659872728.8	98.4	3283958677.0	89.9
SINTOTU	7315	-3642141724.0	84.3	2861496661.0	80.8	4370361667.1	61.1
SNDPOINT	7280	-3425461836.1	23.6	-1214669088.3	13.0	5223858148.7	35.6
SOURDOGH	7281	-2419993440.6	31.4	-1664228711.9	23.9	5643538152.9	72.6
SOURDOGH	7281 (2)	-2419993430.5	20.0	-1664228739.6	15.3	5643538211.5	46.0
TITIJIMA	7316	-4489356440.9	112.5	3482989686.2	124.5	2887931195.2	71.8
TROMSONO	7602	2102904258.9	6.4	721602460.9	4.7	5958201264.8	14.2
TRYSILNO	7607	2988029330.9	5.2	655957010.8	2.4	5578669018.9	9.9
TSUKUBA	7311	-3957172776.7	49.3	3310237978.4	43.9	3737708910.0	51.0
USUDA64	7246	-3855355250.8	33.1	3427427646.8	29.2	3740971260.3	38.7
VERNAL	7290	-1631473261.9	12.6	-4589128899.5	31.8	4106759786.9	27.7
VICTORIA	7289	-2341310054.0	10.4	-3539083836.8	15.7	4745768263.3	20.1
VNDNBERG	7223	-2678094783.4	2.7	-4525450593.7	5.5	3597410216.9	4.8
WESTFORD	7209 ref	1492206703.8	.0	-4458130536.0	.0	4296015466.9	.0
WETTZELL	7224	4075540099.2	4.6	931735160.1	2.6	4801629305.4	8.5
WHTHORSE	7284	-2215213503.4	65.8	-2209261519.2	61.1	5540292313.9	146.7
WHTHORSE	7284 (2)	-2215213617.1	42.8	-2209261620.6	40.3	5540292499.4	96.3
YAKATAGA	7277	-2529744181.6	31.3	-1942091287.2	25.6	5505027886.1	65.4
YAKATAGA	7277 (2)	-2529744198.4	20.9	-1942091241.6	17.3	5505027747.2	43.7
YELLOWKN	7285	-1224124483.7	5.4	-2689530622.4	11.5	5633555225.5	23.9
YLOW7296	7296	-1224399408.1	1.9	-2689273205.8	3.1	5633620191.3	5.0
YUMA	7894	-2196777878.1	14.9	-4887337035.7	33.0	3448425134.1	23.2

Notes:

(1) Positions after the October 1989 Loma Prieta earthquake extrapolated to the site reference epoch.

(2) Positions after the winter 1987-88 Gulf of Alaska earthquakes extrapolated to the site reference epoch.

ref Reference station which defines the coordinate system origin.

Table 5.17

VLBI Site positions at January 1.5, 1995

Name	Monument	X (mm)	Error (mm)	Y (mm)	Error (mm)	Z (mm)	Error (mm)
ALGOPARK	7282	918034839.5	1.4	-4346132258.3	4.6	4561971087.0	4.4
AUSTINTX	7271	-737793775.0	3.7	-5459892249.9	16.1	3202990390.2	9.5
BERMUDA	7294	2307209523.5	8.3	-4874215886.4	27.9	3394317882.3	19.1
BLKBUTTE	7269	-2306306922.9	28.0	-4787914409.0	57.3	3515736308.9	40.7
BLOOMIND	7291	302384472.7	21.7	-4941699054.7	47.5	4007908418.4	37.1
BREST	7604	4228877269.3	11.1	-333104271.5	2.5	4747180942.3	12.0
CARNUSTY	7603	3526416527.6	15.4	-171421185.6	3.9	5294098793.5	20.9
CARROLGA	7228	453520648.3	9.2	-5300506779.5	34.2	3507207369.7	20.6
CHLBOLTN	7215	4008310224.6	7.5	-100650842.5	3.7	4943794728.8	9.8
DEADMANL	7267	-2336819630.1	80.4	-4732586953.1	154.1	3570329878.0	108.8
DSS15	7231	-2353538729.8	24.7	-4641649505.1	51.5	3676669900.3	55.1
DSS45	1642	-4460935140.0	19.8	2682765845.5	19.7	-3674381325.5	18.8
DSS65	1665	4849336837.9	20.6	-360488893.6	4.5	4114748750.9	22.5
EFLSBERG	7203	4033947628.1	6.6	486990422.0	3.3	4900430719.4	10.1
ELY	7286	-2077236284.5	14.9	-4486712692.9	32.6	4018753642.0	27.1
FD-VLBA	7613	-1324009060.7	5.3	-5332181919.3	11.5	3231962381.2	8.3
FLAGSTAF	7261	-1923992646.4	15.3	-4850854502.8	36.4	3658589196.2	28.5
FORT ORD	7266	-2697026812.7	22.8	-4354393041.8	36.7	3788077703.5	31.5
FORTORDS	7241	-2699840305.2	18.0	-4359126815.0	29.1	3781051051.8	24.8
FORTORDS	7241 (1)	-2699840281.3	14.0	-4359126792.2	22.7	3781051089.8	19.6
FTD 7900	7900	-1324227914.1	3.6	-5332063040.6	12.7	3232022958.8	7.7
GILCREEK	7225	-2281547140.9	2.9	-1453645022.8	4.3	5756993120.2	7.4
GOLDVENU	1513	-2351129096.1	3.4	-4655477051.4	6.8	3660956790.5	6.1
GORF7102	7102	1130686594.2	7.1	-4831353017.4	25.4	3994110833.9	20.2
GRASSE	7605	4581697827.8	13.0	556125660.3	3.7	4389351387.7	13.5
HALEAKAL	7120	-5465998442.3	14.0	-2404408055.3	9.8	2242228623.1	9.9
HARTRAO	7232	5085442947.2	15.7	2668263454.8	14.6	-2768697084.1	13.4
HATCREEK	7218	-2523969908.1	2.7	-4123506331.3	5.6	4147752476.6	5.5
HAYSTACK	7205	1492404828.6	.8	-4457266543.6	1.8	4296881702.1	1.9
HOBART26	7242	-3950236453.7	21.2	2522347683.2	21.3	-4311562641.8	21.9
HOHENFRG	7600	3778215045.7	6.0	698644689.8	2.4	5074053552.4	8.1
JPL MV1	7263	-2493306074.5	19.8	-4655197353.4	36.3	3565519434.8	27.4
KASHIM34	1857	-3997649144.4	8.2	3276690816.1	5.4	3724278828.8	17.0
KASHIMA	1856	-3997892163.7	8.5	3276581322.7	5.6	3724118221.8	17.2
KAUAI	1311	-5543845931.9	1.8	-2054563661.5	7.0	2387813988.9	7.8
KODIAK	7278	-3026940135.3	22.7	-1575911755.8	14.4	5370362372.4	39.0
KWAJAL26	4968	-6143536185.2	39.2	1363997772.5	14.4	1034707594.5	20.6
LA-VLBA	7611	-1449752285.0	.7	-4975298562.7	2.1	3709123860.4	2.0
LEONRDOK	7292	-522231563.6	3.7	-5145676872.3	19.1	3720152271.8	12.7
MAMMOTHL	7259	-2448246747.0	68.3	-4426738313.6	123.7	3875435793.9	102.7
MARCUS	7310	-5227446375.5	15.4	2551379687.7	9.0	2607604905.1	14.2
MARPOINT	7217	1106629393.2	3.6	-4882907209.2	11.8	3938086911.8	9.7
MATERA	7243	4641939105.2	14.7	1393002945.9	5.9	4133325518.2	16.0
MCD 7850	7850	-1330008122.5	2.8	-5328391562.2	10.5	3236502640.4	6.6
MEDICINA	7230	4461370205.6	7.6	919596721.5	3.8	4449559140.5	11.0
METSHOVI	7601	2890652935.6	15.6	1310295267.9	7.1	5513958666.1	23.5
MILESMON	7038	-1204438993.2	9.2	-4239211095.6	30.1	4596265981.3	30.1
MIYAZAKI	7312	-3582767777.7	109.2	4052034016.4	71.7	3369020522.7	112.3
MIZUSGSI	7314	-3862411758.1	43.1	3105015108.6	17.4	4001944842.4	23.9
MOJ 7288	7288	-2356494077.9	5.8	-4646607661.9	11.6	3668426509.5	8.8
MOJAVE12	7222	-2356170957.0	.8	-4646755865.2	4.0	3668470492.3	3.3
MON PEAK	7274	-2386289503.8	9.6	-4802346330.8	20.0	3444884062.7	14.3
NOBEY 6M	7244	-3871168127.3	9.8	3428274056.5	8.7	3723697601.7	13.1
NOME	7279	-2658150395.1	20.9	-693821879.0	9.3	5737236526.8	42.0
NOTO	7547	4934563336.8	13.3	1321201181.5	6.0	3806484378.9	14.5

(continued)

VLBI Site positions at January 1.5, 1995

Name	Monument	X (mm)	Error (mm)	Y (mm)	Error (mm)	Z (mm)	Error (mm)
NRAO 140	7204	882879976.0	1.7	-4924482333.7	5.9	3944130611.9	4.9
NRAO85 3	7214	882325666.2	1.5	-4925137997.4	4.7	3943397591.6	3.8
OCOTILLO	7270	-2335601259.9	18.0	-4832243890.4	35.3	3434392680.1	25.8
ONSALA60	7213	3370606201.3	5.0	711917417.9	3.0	5349830668.5	9.4
OVR 7853	7853	-2410421197.6	5.8	-4477800386.1	11.4	3838690204.4	9.6
OVRO 130	7207	-2409600717.1	3.3	-4478349519.4	7.3	3838603097.2	6.6
PBLOSSOM	7254	-2464070887.0	30.3	-4649425606.5	56.5	3593905577.2	42.4
PENTICTN	7283	-2058840391.4	21.0	-3621286380.1	33.3	4814420651.3	44.5
PIETOWN	7234	-1640953624.4	1.8	-5014816009.3	4.8	3575411833.3	3.8
PINFLATS	7256	-2369636038.8	18.0	-4761324679.3	35.2	3511116234.3	26.7
PLATTVIL	7258	-1240708113.5	6.6	-4720454347.5	20.2	4094481564.8	17.1
PRESIDIO	7252	-2707704837.2	20.0	-4257609573.0	31.7	3888374053.9	28.2
PRESIDIO	7252 (1)	-2707704822.2	12.7	-4257609556.4	20.2	3888374024.4	18.4
PT REYES	7251	-2732333132.1	13.1	-4217634621.2	19.9	3914491147.8	19.0
PVERDES	7268	-2525452882.5	24.1	-4670035424.2	43.2	3522886857.2	32.6
QUINCY	7221	-2517230861.0	10.9	-4198595193.8	18.3	4076531157.4	17.2
RICHMOND	7219	961258111.5	1.0	-5674090053.6	1.6	2740533715.2	1.4
ROBLED32	1561	4849245355.4	58.7	-360278241.9	11.4	4114884475.7	55.6
SANPAULA	7255	-2554476746.3	24.2	-4608627125.9	43.2	3582138392.4	32.8
SANTIA12	1404	1769693025.8	8.6	-5044504454.9	16.1	-3468435091.2	9.2
SEATTLE1	7229	-2295347966.7	40.8	-3638029445.3	248.1	4693408589.0	248.8
SESHAN25	7227	-2831686592.9	12.6	4675733814.2	12.6	3275327729.6	21.2
SEST	7239	1838237927.1	9.4	-5258699218.6	17.3	-3100588876.1	8.7
SHANGHAI	7226	-2847697951.3	110.7	4659872722.8	98.9	3283958665.0	90.6
SINTOTU	7315	-3642141740.0	84.3	2861496660.4	80.8	4370361654.1	61.1
SNDPOINT	7280	-3425461856.0	28.2	-1214669089.1	15.6	5223858135.5	42.4
SOURDOGH	7281	-2419993462.1	35.4	-1664228713.0	26.8	5643538143.3	81.7
SOURDOGH	7281 (2)	-2419993452.0	23.9	-1664228740.7	18.3	5643538201.9	55.0
TITIJIMA	7316	-4489356426.8	112.5	3482989703.2	124.5	2887931196.6	71.8
TROMSONO	7602	2102904241.7	6.4	721602473.9	4.7	5958201269.3	14.2
TRYSILNO	7607	2988029314.8	5.2	655957026.4	2.4	5578669025.7	9.9
TSUKUBA	7311	-3957172790.2	56.5	3310237978.1	50.3	3737708896.0	58.3
USUDA64	7246	-3855355271.5	33.1	3427427638.0	29.2	3740971247.1	38.7
VERNAL	7290	-1631473278.1	14.9	-4589128900.3	37.5	4106759779.5	32.6
VICTORIA	7289	-2341310072.4	10.4	-3539083837.6	15.7	4745768253.5	20.1
VNDNBERG	7223	-2678094812.4	3.1	-4525450560.1	6.3	3597410237.6	5.4
WESTFORD	7209 ref	1492206686.9	.0	-4458130537.4	.0	4296015471.3	.0
WETTZELL	7224	4075540084.1	5.2	931735178.5	3.0	4801629314.6	9.4
WHTHORSE	7284	-2215213524.5	74.3	-2209261520.3	69.1	5540292305.0	165.9
WHTHORSE	7284 (2)	-2215213638.3	51.3	-2209261621.7	48.3	5540292490.5	115.6
YAKATAGA	7277	-2529744202.6	35.6	-1942091288.2	29.1	5505027876.1	74.3
YAKATAGA	7277 (2)	-2529744219.5	25.1	-1942091242.7	20.7	5505027737.1	52.5
YELLOWKN	7285	-1224124505.3	5.4	-2689530623.7	11.5	5633555220.2	23.9
YLOW7296	7296	-1224399429.7	1.9	-2689273207.0	3.1	5633620186.0	5.0
YUMA	7894	-2196777891.8	17.1	-4887337036.3	37.7	3448425124.5	26.6

Notes:

(1) Positions after the October 1989 Loma Prieta earthquake extrapolated to the site reference epoch.

(2) Positions after the winter 1987-88 Gulf of Alaska earthquakes extrapolated to the site reference epoch.

ref Reference station which defines the coordinate system origin.

6.0 Baseline Statistics Summaries from GLB868

Table 6.1 presents information about the mean lengths of the baselines. 'num obs' is the number of observing sessions. The span in decimal years extends from the earliest to the most recent session included in this report. The mean value is the weighted mean and the formal error of the mean is its one-sigma standard statistical error. The weighted rms and the reduced χ^2 of the fit to the mean are given in the last two columns.

Table 6.2 presents information about the rates of change (slope) of baseline length for those baselines in Table 6.1 for which there were at least five observations spanning at least two years. The rate of change was computed from a weighted linear fit to the individual session values and the formal errors are 1-σ standard statistical errors scaled by the reduced χ^2 of the linear fit. The weighted rms and reduced χ^2 of the fit to the line are given in columns four and five. The 'epoch value' is the estimated baseline length for January 1, 1988 from the linear fit. The correlation given is the correlation of the error of the slope to the error of the epoch value.

Tables 6.3 and 6.4 contain the statistics of the transverse and vertical baseline components. Neither table gives mean values, epoch values, or correlations since the transverse and vertical values have arbitrary zero points. The other columns are calculated and weighted as in Tables 6.1 and 6.2.

Table 6.1

Length Statistical Summary--Mean						
Baseline Name	Num Obs	Span yr to yr	Mean (mm)	Error (mm)	WRMS (mm)	Chi sqr
ALGOPARK-GILCREEK	27	84.7-91.6	4475699384.8	2.2	11.1	2.9
ALGOPARK-HRAS 085	5	84.7-85.7	2787141066.9	5.1	10.1	2.3
ALGOPARK-KAUAI	7	90.5-91.6	7192645468.3	7.4	18.2	1.5
ALGOPARK-KODIAK	3	90.5-90.5	4887785383.8	5.2	7.3	.3
ALGOPARK-MATERA	3	91.4-91.6	6854842896.8	5.2	7.4	.4
ALGOPARK-MOJAVE12	29	85.6-91.6	3407219023.3	1.7	8.9	2.8
ALGOPARK-NRA085 3	7	90.5-91.6	848030629.9	1.7	4.2	.8
ALGOPARK-PENTICTN	6	84.7-90.6	3074234617.8	12.0	26.9	3.7
ALGOPARK-RICHMOND	15	90.5-91.6	2254545238.7	2.2	8.4	2.9
ALGOPARK-SNDPOINT	3	90.5-90.5	5395379483.7	3.5	5.0	.1
ALGOPARK-VICTORIA	3	90.6-90.6	3362802084.1	2.0	2.9	.1
ALGOPARK-WESTFORD	29	84.7-91.6	642611324.6	.8	4.1	2.3
ALGOPARK-WETTZELL	12	90.5-91.6	6154929667.8	4.0	13.3	2.7
ALGOPARK-YELLOWKN	2	84.7-85.7	2912296027.7	15.8	15.8	4.8
ALGOPARK-YLOW7296	2	91.5-91.6	2912668596.2	3.7	3.7	1.4
AUSTINTX-HRAS 085	1	87.5-87.5	600902670.9	2.9	———	———
AUSTINTX-RICHMOND	1	87.5-87.5	1773844464.6	5.9	———	———
AUSTINTX-WESTFORD	1	87.5-87.5	2677897008.1	6.6	———	———
BERMUDA -MARPOINT	3	87.6-87.6	1318010982.1	12.6	17.8	8.8
BERMUDA -RICHMOND	4	87.6-87.6	1696707887.7	8.3	14.3	3.7
BERMUDA -WESTFORD	4	87.6-87.6	1284684864.1	3.2	5.5	.7
BLKBUTTE-ELY	2	88.8-88.8	629461896.9	1.8	1.8	.2
BLKBUTTE-HATCREEK	5	87.1-88.8	942475305.9	7.5	15.0	4.7
BLKBUTTE-HRAS 085	5	83.9-88.8	1158018147.0	4.4	8.8	3.6
BLKBUTTE-MOJAVE12	12	83.9-88.8	213868853.3	2.2	7.4	2.2
BLKBUTTE-MON PEAK	4	83.9-86.8	107821848.4	2.5	4.4	.9
BLKBUTTE-OCOTILLO	2	84.2-85.0	97160209.4	9.9	9.9	1.2
BLKBUTTE-OVRO 130	3	86.4-87.8	459067517.6	6.9	9.8	6.3
BLKBUTTE-PRESIDIO	2	87.4-87.8	762366281.1	7.1	7.1	1.4
BLKBUTTE-PT REYES	1	87.1-87.1	815918040.6	9.2	———	———
BLKBUTTE-VNDNBERG	12	83.9-88.8	462367691.2	8.9	29.7	41.4
BLOOMIND-HRAS 085	1	87.6-87.6	1843913181.4	12.4	———	———
BLOOMIND-WESTFORD	1	87.6-87.6	1316252671.5	12.5	———	———
BREST -MOJAVE12	2	89.7-89.7	7945694721.9	15.9	15.9	1.2
BREST -NOTO	4	89.7-89.7	2029687003.9	11.0	19.0	11.1
BREST -ONSALA60	1	89.7-89.7	1480502018.6	5.8	———	———
BREST -RICHMOND	1	89.7-89.7	6574959713.7	17.5	———	———
BREST -WESTFORD	2	89.7-89.7	4970790341.8	10.8	10.8	1.6
BREST -WETTZELL	4	89.7-89.7	1275263010.5	5.9	10.3	6.1
CARNUSTY-MOJAVE12	1	89.6-89.6	7568098953.2	19.5	———	———

Table 6.1 (continued)

Length Statistical Summary--Mean						
Baseline Name	Num Obs	Span yr to yr	Mean (mm)	Error (mm)	WRMS (mm)	Chi sqr
CARNUSTY-RICHMOND	1	89.6-89.6	6586356791.3	18.3	———	———
CARNUSTY-WESTFORD	1	89.6-89.6	4848716956.3	12.9	———	———
CARNUSTY-WETTZELL	4	89.6-89.6	1327033090.1	4.8	8.4	1.6
CARROLGA-HRAS 085	1	87.5-87.5	1799165584.8	12.2	———	———
CARROLGA-RICHMOND	1	87.5-87.5	992547370.2	7.7	———	———
CARROLGA-WESTFORD	1	87.5-87.5	1552637958.3	10.8	———	———
CHLBOLTN-HAYSTACK	7	80.8-80.8	5072314455.1	6.6	16.1	2.5
CHLBOLTN-HRAS 085	7	80.8-80.8	7663737365.6	16.8	41.2	1.9
CHLBOLTN-ONSALA60	7	80.8-80.8	1109864324.4	1.7	4.1	.5
CHLBOLTN-OVRO 130	6	80.8-80.8	7846991266.3	12.1	27.1	1.5
DEADMANL-JPL MV1	1	88.1-88.1	174643147.1	6.6	———	———
DEADMANL-MOJAVE12	5	84.2-88.1	131806789.1	6.4	12.9	3.9
DEADMANL-SANPAULA	4	84.2-87.9	250758812.0	17.9	31.0	20.1
DEADMANL-VNDNBERG	5	84.2-88.1	400134210.7	17.1	34.2	16.1
DSS15 -GILCREEK	2	88.9-89.6	3807400687.4	.0	.0	.0
DSS15 -GOLDVENU	1	87.8-87.8	21069152.1	3.1	———	———
DSS15 -HAYSTACK	2	88.9-89.6	3899992513.1	3.8	3.8	1.8
DSS15 -MOJAVE12	1	87.8-87.8	10011685.4	3.1	———	———
DSS15 -MOJ 7288	1	87.8-87.8	10063344.4	3.6	———	———
DSS15 -OVRO 130	2	87.8-88.9	236711198.7	.4	.4	.1
DSS15 -OVR 7853	1	87.8-87.8	237345165.1	3.0	———	———
DSS15 -YAKATAGA	1	89.6-89.6	3265203801.2	9.3	———	———
DSS45 -GILCREEK	13	88.5-91.7	10526654518.9	18.0	62.4	14.9
DSS45 -HARTRAO	4	91.3-91.9	9589254759.9	35.6	61.7	7.9
DSS45 -HOBART26	8	89.9-91.9	832194192.6	1.6	4.1	1.6
DSS45 -KASHIM34	5	90.2-91.7	7436905042.3	19.8	39.5	20.7
DSS45 -KASHIMA	11	88.5-91.4	7436721428.8	13.7	43.4	19.1
DSS45 -KAUAI	15	88.4-91.7	7769504661.6	15.8	59.1	27.7
DSS45 -KWAJAL26	3	88.5-88.6	5171635852.0	29.7	42.0	5.8
DSS45 -MEDICINA	1	91.8-91.8	12194863983.9	46.3	———	———
DSS45 -MOJAVE12	1	88.4-88.4	10586283480.9	31.3	———	———
DSS45 -SANTIA12	1	91.9-91.9	9928436326.5	32.4	———	———
DSS45 -SESHAN25	16	88.5-91.8	7411128886.0	16.2	62.6	27.8
DSS45 -WETTZELL	2	91.3-91.5	12156491099.1	22.4	22.4	2.0
DSS65 -EFLSBERG	1	91.9-91.9	1414346812.3	1.2	———	———
DSS65 -HRAS 085	1	88.8-88.8	7975454833.5	10.4	———	———
DSS65 -MATERA	6	90.4-91.9	1765812136.3	3.2	7.2	16.3
DSS65 -MEDICINA	10	88.7-91.9	1378852891.2	1.0	2.9	2.4
DSS65 -MOJAVE12	1	88.8-88.8	8395867416.4	11.8	———	———
DSS65 -NOTO	5	89.4-91.7	1711832914.4	3.2	6.3	13.1

Table 6.1 (continued)

Length Statistical Summary--Mean						
Baseline Name	Num Obs	Span yr to yr	Mean (mm)	Error (mm)	WRMS (mm)	Chi sqr
DSS65 -ONSALA60	10	88.8-91.7	2205023112.7	2.5	7.6	12.1
DSS65 -RICHMOND	3	88.7-89.0	6726067095.4	7.7	10.8	1.7
DSS65 -WESTFORD	5	88.7-89.4	5300362828.3	5.6	11.3	6.0
DSS65 -WETTZELL	12	88.7-91.9	1655418186.2	1.2	4.1	5.2
EFLSBERG-HAYSTACK	7	79.9-83.3	5591903564.9	13.5	33.0	5.3
EFLSBERG-HRAS 085	6	80.6-83.3	8084184858.9	16.3	36.4	1.7
EFLSBERG-MATERA	1	91.9-91.9	1333777570.1	1.2	—	—
EFLSBERG-MEDICINA	1	91.9-91.9	757049171.3	1.2	—	—
EFLSBERG-NRAO 140	1	79.9-79.9	6334648486.2	32.6	—	—
EFLSBERG-ONSALA60	6	80.6-83.3	832210507.3	2.5	5.5	1.9
EFLSBERG-OVRO 130	6	79.9-80.7	8203742515.4	9.1	20.3	1.1
EFLSBERG-ROBLED32	1	83.3-83.3	1414092460.0	8.3	—	—
EFLSBERG-WESTFORD	1	83.3-83.3	5592851128.8	14.7	—	—
EFLSBERG-WETTZELL	1	91.9-91.9	457481745.6	.7	—	—
ELY -HATCREEK	9	85.3-89.3	590025840.7	2.9	8.3	3.1
ELY -HRAS 085	10	84.3-89.3	1378547100.0	2.7	8.2	1.7
ELY -MOJAVE12	12	84.3-90.8	475517246.4	4.4	14.5	7.5
ELY -OVRO 130	1	86.3-86.3	378140556.3	4.8	—	—
ELY -PLATTVIL	3	84.3-86.3	871865382.7	3.0	4.3	.4
ELY -VNDNBERG	5	87.4-88.8	734889064.9	3.0	6.0	1.5
ELY -WESTFORD	4	89.3-90.8	3580309242.8	6.9	12.0	.9
ELY -YUMA	3	87.4-88.3	707152512.7	5.7	8.1	1.1
FD-VLBA -HRAS 085	4	91.3-91.4	300457.1	.2	.3	.5
FLAGSTAF-HATCREEK	8	84.3-90.9	1062209390.4	7.0	18.6	8.5
FLAGSTAF-HRAS 085	6	84.3-88.8	879283108.1	2.5	5.6	1.1
FLAGSTAF-MOJAVE12	8	84.3-90.9	478050187.9	3.3	8.8	4.3
FLAGSTAF-PLATTVIL	4	84.3-88.8	820904443.8	4.4	7.7	1.7
FLAGSTAF-VERNAL	2	87.3-88.3	595755609.5	.1	.1	.0
FLAGSTAF-WESTFORD	2	90.8-90.9	3497279282.5	9.6	9.6	1.1
FORTORDS-GILCREEK	17	88.9-91.6	3538522575.4	10.6	42.3	14.7
FORTORDS-HATCREEK	16	88.9-90.1	470018628.3	8.4	32.6	34.3
FORTORDS-HAYSTACK	1	89.8-89.8	4225000773.9	14.3	—	—
FORTORDS-MOJAVE12	19	88.9-91.6	462074982.6	7.3	30.9	59.8
FORTORDS-OVRO 130	2	88.9-88.9	319006649.1	6.7	6.7	3.7
FORTORDS-PRESIDIO	3	89.8-89.9	147938851.9	4.5	6.4	1.1
FORTORDS-PT REYES	5	88.9-89.9	197185365.9	10.5	21.0	12.4
FORTORDS-QUINCY	2	89.8-89.8	382655480.0	.8	.8	.0
FORTORDS-VNDNBERG	17	88.9-90.1	248717546.1	5.9	23.6	20.3
FORTORDS-WESTFORD	11	89.8-91.6	4224718650.1	6.0	19.0	2.9
FORTORDS-YLOW7296	2	91.6-91.6	2897818094.4	1.4	1.4	.1

Table 6.1 (continued)

Length Statistical Summary--Mean						
Baseline Name	Num Obs	Span yr to yr	Mean (mm)	Error (mm)	WRMS (mm)	Chi sqr
FORT ORD–GILCREEK	4	88.1–88.1	3530381367.8	5.5	9.6	.7
FORT ORD–HATCREEK	10	84.2–88.1	461111247.9	14.1	42.4	42.8
FORT ORD–HRAS 085	4	85.2–87.8	1774675670.7	22.2	38.5	26.8
FORT ORD–JPL MV1	1	87.8–87.8	426048767.7	5.7	——	——
FORT ORD–MOJAVE12	11	83.7–88.1	464719642.7	13.5	42.8	01.9
FORT ORD–MON PEAK	1	87.1–87.1	644206241.4	6.9	——	——
FORT ORD–OVRO 130	5	83.7–87.8	317067312.1	9.1	18.2	15.4
FORT ORD–PRESIDIO	4	83.7–88.1	139787391.8	9.9	17.1	10.6
FORT ORD–PT REYES	3	87.4–88.1	189551471.7	2.6	3.7	.4
FORT ORD–VNDNBERG	11	83.7–88.1	256852439.2	1.8	5.7	.9
FTD 7900–HRAS 085	1	88.8–88.8	104737.7	3.5	——	——
FTD 7900–MOJAVE12	1	88.8–88.8	1313407340.7	3.8	——	——
FTD 7900–PIETOWN	1	88.8–88.8	564691753.1	3.4	——	——
FTD 7900–WESTFORD	1	88.8–88.8	3134986758.2	6.3	——	——
GILCREEK–GOLDVENU	4	88.5–91.6	3827523756.8	9.3	16.1	26.3
GILCREEK–HALEAKAL	3	88.5–88.5	4837174041.5	4.5	6.3	.3
GILCREEK–HARTRAO	4	90.4–92.0	11997919286.9	63.2	109.4	11.4
GILCREEK–HATCREEK	65	85.4–90.8	3126752884.0	2.0	16.1	6.3
GILCREEK–HAYSTACK	23	84.7–91.6	5039482222.0	1.1	5.1	3.9
GILCREEK–HOBART26	29	89.7–92.0	10953029792.0	7.2	37.9	2.7
GILCREEK–HRAS 085	55	84.7–89.5	4725812330.6	1.6	11.9	2.5
GILCREEK–KASHIM34	22	90.2–92.0	5427062797.4	1.9	8.8	1.7
GILCREEK–KASHIMA	117	84.6–91.9	5427104371.0	1.1	12.1	2.3
GILCREEK–KAUAI	236	84.5–92.0	4728114489.6	5.1	78.5	47.4
GILCREEK–KODIAK	15	84.6–90.5	848553593.8	1.9	7.1	1.5
GILCREEK–KWAJAL26	19	84.5–88.6	6719676591.7	9.2	39.1	6.3
GILCREEK–LA–VLBA	11	91.4–91.9	4157847383.3	1.6	5.1	4.3
GILCREEK–MARCUS	1	90.5–90.5	5885337020.2	10.1	——	——
GILCREEK–MARPOINT	24	88.1–89.6	5152475049.1	4.8	22.9	2.0
GILCREEK–MATERA	15	90.8–91.9	7659919128.7	5.6	20.9	1.8
GILCREEK–MEDICINA	3	89.0–91.2	7266952150.5	3.7	5.3	1.0
GILCREEK–MIZUSGSI	1	91.9–91.9	5134268165.5	16.4	——	——
GILCREEK–MOJAVE12	266	84.5–91.9	3816209139.5	.9	15.4	15.4
GILCREEK–NOBEY 6M	7	89.9–91.5	5522166178.7	14.8	36.2	4.0
GILCREEK–NOME	10	84.5–90.5	848263842.3	2.2	6.6	1.5
GILCREEK–NOTO	4	89.5–91.2	7973487676.5	9.1	15.8	1.1
GILCREEK–NRAO85 3	135	89.1–92.0	5034926346.3	1.0	12.1	2.4
GILCREEK–NRAO 140	1	90.7–90.7	5034558667.3	6.1	——	——
GILCREEK–ONSALA60	12	85.5–91.6	6066488175.3	9.0	29.9	14.9
GILCREEK–OVRO 130	12	85.4–88.9	3584055705.1	5.6	18.7	8.6

Table 6.1 (continued)

Length Statistical Summary--Mean

Baseline Name	Num Obs	Span yr to yr	Mean (mm)	Error (mm)	WRMS (mm)	Chi sqr
GILCREEK-PENTICTN	5	84.7-90.6	2374175691.8	8.6	17.2	3.1
GILCREEK-PIETOWN	31	89.6-91.9	4225114870.7	1.0	5.5	7.7
GILCREEK-PINFLATS	2	90.1-90.1	3999058542.4	9.6	9.6	1.4
GILCREEK-PLATTVIL	10	85.4-90.8	3810424345.9	4.8	14.5	2.5
GILCREEK-PRESIDIO	10	88.1-91.5	3396404627.2	13.7	41.2	15.9
GILCREEK-PT REYES	12	88.1-91.5	3352262183.9	12.8	42.4	16.4
GILCREEK-PVERDES	2	90.1-90.1	3923759642.6	7.5	7.5	.9
GILCREEK-QUINCY	4	89.8-90.8	3227111790.9	6.0	10.4	1.0
GILCREEK-RICHMOND	139	87.3-92.0	6117758540.6	1.2	14.6	1.6
GILCREEK-SANPAULA	2	90.1-90.1	3841665986.3	7.1	7.1	.6
GILCREEK-SANTIA12	2	92.0-92.0	10696510852.4	3.3	3.3	.0
GILCREEK-SEATTLE1	2	90.6-90.6	2429596208.4	14.3	14.3	3.6
GILCREEK-SESHAN25	17	88.3-92.0	6635555859.9	6.3	25.2	6.4
GILCREEK-SEST	2	90.4-90.4	10483693330.5	20.4	20.4	.7
GILCREEK-SHANGHAI	1	86.5-86.5	6619027546.9	69.4	——	——
GILCREEK-SNDPOINT	13	84.5-90.5	1284477830.8	3.6	12.4	3.2
GILCREEK-SOURDOGH	16	84.6-89.6	276378188.9	1.3	5.0	1.9
GILCREEK-TRYSILNO	6	91.9-92.0	5678966091.7	5.6	12.4	1.7
GILCREEK-VICTORIA	3	90.6-90.6	2318448277.1	3.8	5.4	.3
GILCREEK-VNDNBERG	80	84.5-91.6	3775849548.0	7.9	70.0	97.9
GILCREEK-WESTFORD	166	84.7-92.0	5040099886.6	.6	8.2	4.3
GILCREEK-WETTZELL	34	84.7-92.0	6856771546.5	2.2	12.8	6.0
GILCREEK-WHTHORSE	9	84.6-89.6	788869898.8	4.1	11.7	7.2
GILCREEK-YAKATAGA	16	84.6-90.4	603048938.6	9.8	38.1	64.5
GILCREEK-YELLOWKN	2	84.7-85.7	1631193657.2	6.0	6.0	1.7
GILCREEK-YLOW7296	8	91.5-91.6	1630815496.4	1.6	4.3	1.5
GOLDVENU-HAYSTACK	4	81.9-91.6	3900825674.7	10.0	17.3	21.5
GOLDVENU-HRAS 085	3	81.9-82.8	1302373949.6	3.6	5.1	.9
GOLDVENU-KASHIM34	1	90.6-90.6	8101501399.0	7.1	——	——
GOLDVENU-KASHIMA	1	91.6-91.6	8101442306.4	10.5	——	——
GOLDVENU-MEDICINA	2	90.6-91.2	8838183439.1	19.7	19.7	14.5
GOLDVENU-MOJAVE12	5	83.7-88.5	12567224.4	1.4	2.9	3.9
GOLDVENU-MOJ 7288	1	87.8-87.8	12776767.9	2.2	——	——
GOLDVENU-NRAO 140	1	81.9-81.9	3257509151.8	7.0	——	——
GOLDVENU-ONSALA60	6	81.9-91.6	8024928169.7	14.9	33.4	13.3
GOLDVENU-OVRO 130	6	81.9-87.8	257587460.7	3.6	8.1	4.4
GOLDVENU-OVR 7853	1	87.8-87.8	258212541.4	2.6	——	——
GOLDVENU-PRESIDIO	1	83.7-83.7	580657651.9	15.5	——	——
GOLDVENU-PT REYES	1	83.7-83.7	633483755.5	14.2	——	——
GOLDVENU-QUINCY	1	82.8-82.8	639556785.2	5.5	——	——

Table 6.1 (continued)

Length Statistical Summary--Mean						
Baseline Name	Num Obs	Span yr to yr	Mean (mm)	Error (mm)	WRMS (mm)	Chi sqr
GOLDVENU-VNDNBERG	1	83.7-83.7	357563250.0	9.7	—	—
GOLDVENU-WESTFORD	4	81.9-88.5	3900445508.6	7.9	13.8	4.4
GORF7102-HRAS 085	1	89.4-89.4	2618744927.6	6.5	—	—
GORF7102-MARPOINT	2	89.4-89.4	79845260.0	3.5	3.5	.9
GORF7102-MOJAVE12	5	89.8-91.9	3506892293.8	5.9	11.7	3.5
GORF7102-NRAO85 3	4	89.4-91.7	270278772.3	2.2	3.8	2.3
GORF7102-RICHMOND	6	89.4-91.7	1519989265.2	3.9	8.8	3.0
GORF7102-SANTIA12	1	91.9-91.9	7492886974.3	31.6	—	—
GORF7102-WESTFORD	7	89.4-91.9	600947760.9	2.8	6.9	3.1
GORF7102-WETTZELL	1	91.9-91.9	6522072797.8	24.5	—	—
GRASSE -MOJAVE12	1	89.7-89.7	8701934679.4	21.6	—	—
GRASSE -NOTO	2	89.7-89.7	1024494289.7	3.1	3.1	1.1
GRASSE -RICHMOND	1	89.7-89.7	7392007137.8	20.6	—	—
GRASSE -WESTFORD	1	89.7-89.7	5890367638.7	12.8	—	—
GRASSE -WETTZELL	4	89.7-89.7	753160844.7	1.2	2.1	.5
HALEAKAL-KAUAI	3	88.5-88.5	386841606.8	.8	1.2	.1
HALEAKAL-MOJAVE12	3	88.5-88.5	4090637546.4	11.3	15.9	2.8
HARTRAO -HOBART26	27	90.0-92.0	9167618336.8	12.7	64.6	3.2
HARTRAO -HRAS 085	6	87.1-89.2	11878469246.7	12.9	28.8	.7
HARTRAO -KASHIM34	6	90.4-92.0	11181747743.4	40.2	90.0	9.2
HARTRAO -KASHIMA	2	90.3-90.4	11181845933.5	34.4	34.4	1.7
HARTRAO -KAUAI	4	90.4-92.0	12723069055.9	59.5	103.0	7.3
HARTRAO -MATERA	1	91.9-91.9	7032844472.9	16.6	—	—
HARTRAO -MEDICINA	5	88.0-91.8	7453222512.4	10.7	21.4	1.5
HARTRAO -MOJAVE12	23	90.0-91.9	12260679045.2	8.9	41.9	2.2
HARTRAO -NOTO	4	91.4-91.7	6713445720.8	9.8	16.9	1.6
HARTRAO -NRAO85 3	1	91.9-91.9	10971697931.3	28.4	—	—
HARTRAO -ONSALA60	7	86.0-90.4	8525165639.7	21.1	51.8	4.2
HARTRAO -RICHMOND	40	86.0-91.9	10814591304.2	6.6	41.1	2.2
HARTRAO -SANTIA12	4	91.9-92.0	8424406078.9	20.5	35.5	1.9
HARTRAO -SESHAN25	7	90.3-92.0	10160763445.7	19.3	47.3	2.4
HARTRAO -SEST	2	90.4-90.4	8572702570.3	20.1	20.1	.5
HARTRAO -WESTFORD	50	86.0-92.0	10658658463.9	6.5	45.4	3.0
HARTRAO -WETTZELL	46	86.0-92.0	7832322554.9	3.3	21.9	1.8
HATCREEK-HAYSTACK	2	84.3-89.8	4032976733.3	21.9	21.9	15.4
HATCREEK-HRAS 085	62	83.4-89.4	1933473664.9	2.2	16.9	7.6
HATCREEK-JPL MV1	2	83.5-87.8	789070011.5	41.4	41.4	82.5
HATCREEK-KASHIM34	1	90.8-90.8	7557379013.8	25.8	—	—
HATCREEK-KASHIMA	16	84.2-90.1	7557328242.9	6.4	24.7	4.7
HATCREEK-KAUAI	17	85.4-90.8	4061718602.1	2.7	11.0	2.8

Table 6.1 (continued)

Length Statistical Summary--Mean						
Baseline Name	Num Obs	Span yr to yr	Mean (mm)	Error (mm)	WRMS (mm)	Chi sqr
HATCREEK-KODIAK	2	87.5-87.5	2870190267.1	2.1	2.1	.1
HATCREEK-MAMMOTHL	1	83.5-83.5	414535909.7	9.3	———	———
HATCREEK-MOJAVE12	139	83.5-90.9	729148668.8	.6	6.8	2.7
HATCREEK-MON PEAK	24	83.5-90.9	986815224.2	11.4	54.4	67.6
HATCREEK-OVRO 130	38	83.4-88.9	484321527.3	1.3	8.1	3.0
HATCREEK-PINFLATS	2	90.1-90.1	914296125.7	10.7	10.7	9.0
HATCREEK-PLATTVIL	22	83.4-90.8	1416314069.5	3.3	15.2	7.4
HATCREEK-PRESIDIO	14	85.8-90.1	344991837.4	6.9	25.0	20.6
HATCREEK-PT REYES	16	84.2-90.0	326628736.9	7.3	28.4	23.0
HATCREEK-PVERDES	4	89.1-90.1	830152832.5	9.1	15.8	9.3
HATCREEK-QUINCY	17	83.5-90.8	103712239.1	1.8	7.2	2.2
HATCREEK-SANPAULA	4	89.1-90.1	745783175.4	7.9	13.8	8.2
HATCREEK-SNDPOINT	1	87.6-87.6	3229864839.0	492.1	———	———
HATCREEK-VERNAL	8	86.2-90.8	1007489466.5	6.7	17.8	13.1
HATCREEK-VNDNBERG	92	84.2-90.1	698706376.8	4.9	46.8	09.3
HATCREEK-WESTFORD	32	83.4-90.9	4032819087.3	3.0	16.5	5.1
HATCREEK-YAKATAGA	3	87.6-87.6	2569202494.1	6.6	9.4	1.0
HATCREEK-YUMA	12	85.2-88.8	1086071223.4	4.5	14.9	5.8
HAYSTACK-HRAS 085	36	80.3-89.5	3135641002.3	2.3	13.6	1.8
HAYSTACK-KASHIM34	1	90.6-90.6	9501718942.1	7.6	———	———
HAYSTACK-KASHIMA	3	84.7-91.6	9501779968.5	43.9	62.1	20.6
HAYSTACK-KODIAK	1	89.5-89.5	5466172815.5	19.5	———	———
HAYSTACK-MARPOINT	2	82.5-82.5	677293408.1	1.7	1.7	.3
HAYSTACK-MEDICINA	2	90.6-91.2	6143998963.4	15.8	15.8	21.9
HAYSTACK-MOJAVE12	24	84.3-89.8	3904144266.1	.9	4.4	3.3
HAYSTACK-NRAO 140	5	79.6-81.9	845129853.6	1.6	3.3	1.4
HAYSTACK-ONSALA60	42	80.6-91.6	5599714533.7	10.9	69.9	59.1
HAYSTACK-OVRO 130	29	79.6-88.9	3928881634.9	2.6	13.7	2.9
HAYSTACK-PIETOWN	13	89.6-89.8	3263328881.6	1.0	3.6	6.4
HAYSTACK-PLATTVIL	1	84.3-84.3	2753205378.2	11.1	———	———
HAYSTACK-PRESIDIO	1	89.8-89.8	4224649418.2	15.9	———	———
HAYSTACK-ROBLED32	1	83.3-83.3	5299699239.4	26.0	———	———
HAYSTACK-VNDNBERG	1	89.8-89.8	4229299763.8	11.5	———	———
HAYSTACK-WESTFORD	26	81.4-89.8	1239395.6	.3	1.6	1.3
HAYSTACK-WETTZELL	6	84.7-86.7	5997390716.1	7.2	16.2	4.4
HAYSTACK-YAKATAGA	1	89.6-89.6	4895243303.3	14.1	———	———
HOBART26-KASHIM34	18	90.2-92.0	8071309323.5	6.6	27.4	2.9
HOBART26-KASHIMA	9	89.7-90.5	8071140639.7	4.4	12.6	1.3
HOBART26-KAUAI	14	89.7-92.0	8268576624.9	9.3	33.4	5.2
HOBART26-MOJAVE12	20	90.0-91.9	10845184290.9	8.8	38.3	2.0

Table 6.1 (continued)

Length Statistical Summary--Mean

Baseline Name	Num Obs	Span yr to yr	Mean (mm)	Error (mm)	WRMS (mm)	Chi sqr
HOBART26-NOBEY 6M	4	90.2-91.5	8086554654.4	23.4	40.5	3.1
HOBART26-ONSALA60	2	90.4-90.4	12256219617.6	34.7	34.7	2.6
HOBART26-SANTIA12	4	91.9-92.0	9522904373.8	13.7	23.8	.6
HOBART26-SESHAN25	9	90.0-92.0	7965496521.9	8.4	23.9	3.1
HOBART26-SEST	2	90.4-90.4	9773309655.6	34.6	34.6	1.7
HOBART26-WESTFORD	4	90.4-92.0	12346564984.5	16.7	28.9	1.3
HOBART26-WETTZELL	4	91.3-92.0	12247179559.3	14.7	25.5	1.2
HOHENFRG-MOJAVE12	2	89.5-89.5	8257097585.3	.8	.8	.0
HOHENFRG-NOTO	5	89.5-89.5	1825225882.6	2.1	4.3	.9
HOHENFRG-RICHMOND	2	89.5-89.5	7347945824.9	4.5	4.5	.1
HOHENFRG-WESTFORD	2	89.5-89.5	5694164271.9	9.8	9.8	1.1
HOHENFRG-WETTZELL	5	89.5-89.5	465777113.5	.7	1.5	.3
HRAS 085-JPL MV1	3	82.8-87.8	1391413651.2	49.9	70.6	09.5
HRAS 085-KASHIMA	27	87.3-89.5	9027663362.8	10.5	53.5	2.7
HRAS 085-KODIAK	1	89.5-89.5	4645400664.8	17.6	——	——
HRAS 085-LEONRDOK	1	87.6-87.6	957117024.1	4.8	——	——
HRAS 085-MAMMOTHL	1	83.5-83.5	1580143778.0	10.3	——	——
HRAS 085-MARPOINT	3	82.8-89.4	2570813374.5	5.4	7.7	1.8
HRAS 085-MCD 7850	1	88.8-88.8	8125163.0	2.6	——	——
HRAS 085-MEDICINA	12	87.3-89.1	8604525558.8	7.8	25.9	2.0
HRAS 085-MILESMON	1	88.3-88.3	1751993829.4	8.3	——	——
HRAS 085-MOJAVE12	134	83.5-90.8	1313368175.2	1.1	12.2	10.2
HRAS 085-MON PEAK	33	82.8-89.4	1205751646.7	10.4	58.9	02.9
HRAS 085-NRAO85 3	1	89.4-89.4	2353779386.8	4.7	——	——
HRAS 085-NRAO 140	6	80.3-88.8	2354634004.8	3.4	7.5	3.0
HRAS 085-ONSALA60	107	80.6-89.4	7940732256.2	4.2	42.8	4.1
HRAS 085-OVRO 130	73	80.3-88.8	1508195408.2	2.5	21.2	14.6
HRAS 085-PENTICTN	3	84.7-85.7	2443354520.3	8.9	12.6	1.2
HRAS 085-PIETOWN	3	88.7-88.8	564620892.8	.4	.6	.1
HRAS 085-PINFLATS	5	85.8-87.0	1223294551.3	4.7	9.4	2.8
HRAS 085-PLATTVIL	20	83.4-89.3	1060499648.1	1.7	7.4	1.7
HRAS 085-PRESIDIO	4	85.2-87.1	1870585831.0	8.3	14.3	4.0
HRAS 085-PT REYES	2	85.2-85.8	1921015702.1	4.7	4.7	.4
HRAS 085-QUINCY	14	82.8-89.3	1849591449.6	6.3	22.8	9.8
HRAS 085-RICHMOND	350	84.0-90.8	2362632826.4	.6	10.5	2.1
HRAS 085-ROBLED32	1	83.3-83.3	7975530221.5	39.8	——	——
HRAS 085-VERNAL	6	86.2-89.3	1187981358.6	3.6	8.0	2.4
HRAS 085-VNDNBERG	44	83.9-89.4	1617713894.9	7.4	48.8	73.0
HRAS 085-WESTFORD	597	81.4-90.8	3134928007.6	.5	13.0	3.0
HRAS 085-WETTZELL	415	83.9-90.8	8417561520.7	1.6	33.3	3.0

Table 6.1 (continued)

Length Statistical Summary--Mean

Baseline Name	Num Obs	Span yr to yr	Mean (mm)	Error (mm)	WRMS (mm)	Chi sqr
HRAS 085-YELLOWKN	2	84.7-85.7	3572069874.3	6.3	6.3	.3
HRAS 085-YUMA	18	83.8-88.8	1002949390.0	2.0	8.2	2.9
JPL MV1 -MAMMOTHL	4	83.5-86.8	387649675.0	11.6	20.2	5.8
JPL MV1 -MOJAVE12	21	83.5-88.9	171686437.1	3.0	13.4	6.7
JPL MV1 -MON PEAK	1	82.8-82.8	218307721.6	7.6	—	—
JPL MV1 -OVRO 130	19	82.8-88.9	335941404.4	6.8	28.9	14.0
JPL MV1 -PBLOSSOM	7	83.1-88.0	41155683.7	3.4	8.4	1.4
JPL MV1 -PINFLATS	6	83.8-87.0	171805089.7	2.6	5.9	1.3
JPL MV1 -PRESIDIO	2	88.8-88.9	555228198.4	3.7	3.7	.7
JPL MV1 -QUINCY	1	82.8-82.8	685704818.9	86.2	—	—
JPL MV1 -VNDNBERG	18	83.6-88.9	228030979.5	3.2	13.1	6.8
KASHIM34-KASHIMA	6	90.2-90.5	311196.1	1.0	2.3	.8
KASHIM34-KAUAI	10	90.2-92.0	5709565714.1	14.5	43.5	34.8
KASHIM34-MARCUS	1	90.5-90.5	1812578162.5	5.4	—	—
KASHIM34-MEDICINA	1	90.6-90.6	8811182224.6	7.2	—	—
KASHIM34-MOJAVE12	11	90.2-91.5	8091883103.6	3.9	12.5	.8
KASHIM34-NOBEY 6M	5	90.2-91.5	197421504.5	3.3	6.7	1.2
KASHIM34-ONSALA60	3	90.4-90.6	7969420825.9	9.4	13.3	3.1
KASHIM34-SANTIA12	2	92.0-92.0	12419326071.2	1.7	1.7	.0
KASHIM34-SESHAN25	9	90.2-92.0	1875725740.6	6.0	17.0	10.8
KASHIM34-SEST	2	90.4-90.4	12389079051.5	12.5	12.5	.2
KASHIM34-SINTOTU	1	90.6-90.6	846282864.7	7.3	—	—
KASHIM34-WESTFORD	4	90.4-92.0	9502255566.9	6.0	10.4	.7
KASHIM34-WETTZELL	4	91.3-92.0	8475605263.6	7.0	12.1	.9
KASHIMA -KAUAI	66	84.6-91.4	5709360244.2	13.3	107.5	85.3
KASHIMA -KWAJAL26	16	84.6-88.6	3936330637.0	23.6	91.2	87.6
KASHIMA -MARCUS	1	90.5-90.5	1812270517.9	5.8	—	—
KASHIMA -MEDICINA	1	90.4-90.4	8811399460.5	17.6	—	—
KASHIMA -MIYAZAKI	3	86.8-88.8	948551349.0	7.1	10.1	1.1
KASHIMA -MIZUSGSI	1	91.9-91.9	353521608.6	8.2	—	—
KASHIMA -MOJAVE12	56	84.1-91.2	8091824106.1	3.2	23.9	4.0
KASHIMA -NOBEY 6M	3	89.9-90.2	197660891.7	4.0	5.7	1.1
KASHIMA -ONSALA60	7	85.5-91.6	7969643044.4	16.2	39.8	8.8
KASHIMA -RICHMOND	29	87.3-90.1	10279840860.1	6.6	34.9	1.4
KASHIMA -SESHAN25	15	88.3-91.4	1875920080.0	7.3	27.5	30.9
KASHIMA -SHANGHAI	1	86.5-86.5	1852075233.4	32.6	—	—
KASHIMA -SINTOTU	3	90.6-90.6	846453899.0	3.8	5.3	.6
KASHIMA -TITIJIMA	3	87.9-89.9	991640352.9	17.2	24.3	2.5
KASHIMA -TSUKUBA	7	84.6-89.7	54548552.5	3.6	8.7	1.2
KASHIMA -USUDA64	1	90.6-90.6	208219605.9	5.6	—	—

Table 6.1 (continued)

Length Statistical Summary--Mean						
Baseline Name	Num Obs	Span yr to yr	Mean (mm)	Error (mm)	WRMS (mm)	Chi sqr
KASHIMA -VNDNBERG	27	85.4-90.1	7913888161.1	10.8	55.3	22.6
KASHIMA -WESTFORD	8	85.5-90.0	9502316533.9	10.1	26.8	3.2
KASHIMA -WETTZELL	12	84.7-90.4	8475826930.4	13.9	46.2	8.1
KASHIMA -WHTHORSE	1	89.6-89.6	6047388113.2	23.7	—	—
KAUAI -KWAJAL26	20	84.5-88.6	3725196314.7	3.9	17.1	2.9
KAUAI -LA-VLBA	11	91.4-91.9	5199822538.5	3.3	10.5	9.7
KAUAI -MARPOINT	6	88.4-89.4	7391325623.8	16.5	36.9	2.2
KAUAI -MATERA	15	90.8-91.9	10894160910.3	10.4	38.9	2.3
KAUAI -MOJAVE12	65	84.5-91.9	4303581335.6	5.8	46.5	81.9
KAUAI -NOTO	3	89.5-91.2	11099796266.4	10.6	15.0	.5
KAUAI -NRA085 3	129	89.1-92.0	7208031500.8	1.8	20.6	3.1
KAUAI -ONSALA60	2	90.4-90.4	9792569605.5	7.2	7.2	.4
KAUAI -PIETOWN	6	91.1-91.9	5040441450.7	3.2	7.1	6.6
KAUAI -RICHMOND	98	88.4-92.0	7452634419.4	3.0	29.7	4.4
KAUAI -SANTIA12	2	92.0-92.0	9834797865.8	16.0	16.0	.4
KAUAI -SESHAN25	18	88.3-92.0	7310293974.9	22.2	91.4	64.1
KAUAI -SEST	2	90.4-90.4	9740852563.8	3.5	3.5	.0
KAUAI -SHANGHAI	1	86.5-86.5	7290813028.6	63.8	—	—
KAUAI -VNDNBERG	32	84.5-90.1	3972522447.8	2.9	15.9	5.5
KAUAI -WESTFORD	22	90.4-92.0	7676223222.0	2.9	13.2	5.2
KAUAI -WETTZELL	17	91.1-92.0	10357464658.7	4.2	17.0	5.8
KAUAI -WHTHORSE	1	89.6-89.6	4587139203.0	17.9	—	—
KODIAK -MOJAVE12	10	87.5-90.5	3574416153.2	3.3	9.9	1.0
KODIAK -NOME	4	84.6-86.6	1024053276.0	9.2	15.9	2.0
KODIAK -VNDNBERG	4	84.6-86.6	3459022118.4	21.2	36.6	5.3
KODIAK -WESTFORD	8	88.5-90.5	5466634672.3	5.1	13.4	.8
KWAJAL26-MOJAVE12	17	84.5-88.6	7576938615.2	8.6	34.4	4.1
KWAJAL26-SESHAN25	3	88.5-88.6	5191948401.5	12.3	17.3	1.8
KWAJAL26-VNDNBERG	12	84.5-88.6	7298104569.2	10.9	36.3	5.2
LA-VLBA -MOJAVE12	12	91.4-91.9	964980750.0	1.7	5.8	12.4
LA-VLBA -PIETOWN	4	91.4-91.9	236640006.6	2.6	4.5	17.7
LA-VLBA -WESTFORD	12	91.4-91.9	3044179217.8	1.6	5.3	5.4
LA-VLBA -WETTZELL	12	91.4-91.9	8161830103.7	2.7	8.9	4.7
LEONRDOK-RICHMOND	1	87.6-87.6	1854619801.7	6.5	—	—
LEONRDOK-WESTFORD	1	87.6-87.6	2205062326.1	6.5	—	—
MAMMOTHL-MOJAVE12	4	83.5-86.8	315785217.3	5.1	8.8	2.3
MAMMOTHL-OVRO 130	4	83.5-86.8	74255493.8	3.5	6.1	1.5
MAMMOTHL-VNDNBERG	2	84.8-86.8	373995446.3	10.6	10.6	6.4
MARCUS -SESHAN25	1	90.5-90.5	3270841161.5	7.5	—	—
MARPOINT-MEDICINA	1	89.0-89.0	6721974429.7	22.1	—	—

Table 6.1 (continued)

Length Statistical Summary--Mean

Baseline Name	Num Obs	Span yr to yr	Mean (mm)	Error (mm)	WRMS (mm)	Chi sqr
MARPOINT-NOTO	1	89.5-89.5	7291183510.8	15.8	——	——
MARPOINT-NRAO85 3	11	89.1-89.6	228306392.2	2.7	8.5	5.2
MARPOINT-ONSALA60	4	82.5-83.7	6198441065.0	1.4	2.3	.0
MARPOINT-OVRO 130	3	82.5-82.8	3540824488.4	.7	1.0	.0
MARPOINT-RICHMOND	22	87.6-89.6	1442649215.1	2.8	12.9	2.4
MARPOINT-WESTFORD	9	82.5-89.4	676178920.9	4.5	12.8	5.3
MATERA -MEDICINA	5	90.4-91.9	597262301.4	3.2	6.4	16.9
MATERA -MOJAVE12	3	91.8-92.0	9255718109.0	9.1	12.9	2.5
MATERA -NOTO	4	90.7-91.7	444532984.5	2.0	3.4	4.3
MATERA -NRAO85 3	15	90.8-91.9	7354567906.3	5.4	20.3	1.5
MATERA -ONSALA60	4	90.7-91.7	1886809336.6	3.7	6.4	10.0
MATERA -RICHMOND	4	91.8-92.0	8088948187.2	6.1	10.5	1.5
MATERA -WESTFORD	3	91.8-92.0	6647032679.9	10.1	14.3	8.1
MATERA -WETTZELL	10	90.4-92.0	990053378.2	1.9	5.7	9.8
MCD 7850-MOJAVE12	1	88.8-88.8	1305462983.6	3.4	——	——
MCD 7850-PIETOWN	1	88.8-88.8	556665227.4	2.7	——	——
MCD 7850-WESTFORD	1	88.8-88.8	3137645303.0	4.5	——	——
MEDICINA-NOTO	4	90.1-91.7	893724227.8	2.7	4.8	10.8
MEDICINA-ONSALA60	13	87.3-91.7	1429470394.7	1.6	5.6	5.6
MEDICINA-RICHMOND	14	87.3-89.0	7658214942.6	6.4	23.1	2.1
MEDICINA-SESHAN25	2	90.4-91.8	8287102210.4	10.0	10.0	.5
MEDICINA-WESTFORD	19	87.3-89.1	6144872378.7	1.7	7.2	.7
MEDICINA-WETTZELL	22	87.3-91.9	522461126.3	.9	4.0	3.5
METSHOVI-MOJAVE12	2	89.5-89.5	8149935266.6	24.4	24.4	1.0
METSHOVI-ONSALA60	5	89.5-89.5	784441965.4	3.7	7.4	2.4
METSHOVI-RICHMOND	2	89.5-89.5	7758613774.8	35.3	35.3	2.2
METSHOVI-WESTFORD	2	89.5-89.5	6059189135.1	11.1	11.1	.4
METSHOVI-WETTZELL	5	89.5-89.5	1433414946.9	1.4	2.9	.3
MILESMON-MOJAVE12	1	88.3-88.3	1534074218.8	8.1	——	——
MILESMON-WESTFORD	1	88.3-88.3	2722126743.4	10.8	——	——
MOJAVE12-MON PEAK	36	83.5-90.9	274055789.4	6.7	39.7	66.8
MOJAVE12-NOBEY 6M	7	89.9-91.5	8216104558.4	20.1	49.3	3.4
MOJAVE12-NOME	3	90.5-90.5	4471763789.4	7.3	10.3	.7
MOJAVE12-NOTO	10	89.5-91.7	9422863899.3	5.3	15.9	.9
MOJAVE12-NRAO85 3	9	89.5-91.8	3262045658.2	1.4	4.1	.8
MOJAVE12-NRAO 140	3	88.8-91.8	3262601945.5	6.5	9.2	8.4
MOJAVE12-OCOTILLO	3	84.2-85.2	299368638.7	7.3	10.3	2.6
MOJAVE12-ONSALA60	47	83.8-91.7	8021117539.9	4.0	27.1	7.0
MOJAVE12-OVRO 130	81	83.5-88.9	245276453.4	.8	7.2	3.4
MOJAVE12-OVR 7853	1	87.8-87.8	245893864.5	2.3	——	——

Table 6.1 (continued)

Length Statistical Summary--Mean						
Baseline Name	Num Obs	Span yr to yr	Mean (mm)	Error (mm)	WRMS (mm)	Chi sqr
MOJAVE12-PBLOSSOM	9	83.6-88.1	131184785.1	2.5	7.0	2.4
MOJAVE12-PENTICTN	3	90.6-90.6	1566267813.8	8.0	11.4	2.8
MOJAVE12-PIETOWN	34	88.7-91.9	809730834.1	.7	3.8	10.2
MOJAVE12-PINFLATS	21	83.8-90.1	195109712.0	4.5	20.0	14.1
MOJAVE12-PLATTVIL	21	84.3-90.8	1196316951.3	1.5	6.8	1.8
MOJAVE12-PRESIDIO	22	83.7-91.5	568654984.7	8.1	37.0	62.2
MOJAVE12-PT REYES	20	83.7-91.5	621424857.7	10.4	45.2	87.6
MOJAVE12-PVERDES	9	83.9-90.1	224483709.2	2.6	7.4	2.2
MOJAVE12-QUINCY	20	83.5-90.8	627137773.3	2.2	9.7	3.7
MOJAVE12-RICHMOND	191	84.0-92.0	3594693022.7	.7	9.5	3.0
MOJAVE12-SANPAULA	10	83.7-90.1	219618298.8	6.4	19.2	15.3
MOJAVE12-SANTIA12	1	91.9-91.9	8253264764.0	22.5	———	———
MOJAVE12-SEATTLE1	3	86.7-90.6	1439349331.6	16.9	23.9	12.7
MOJAVE12-SEST	1	90.3-90.3	7986720624.2	16.0	———	———
MOJAVE12-SNDPOINT	10	87.6-90.5	3916865256.6	7.4	22.2	3.5
MOJAVE12-SOURDOGH	8	87.6-89.6	3577769381.5	5.5	14.5	2.2
MOJAVE12-TROMSONO	1	89.6-89.6	7344759272.0	15.6	———	———
MOJAVE12-VERNAL	8	86.2-90.8	848884615.7	2.2	5.8	1.6
MOJAVE12-VICTORIA	3	90.6-90.6	1545227668.5	6.6	9.3	2.1
MOJAVE12-VNDNBERG	163	83.6-91.6	351282529.1	2.1	26.4	64.0
MOJAVE12-WESTFORD	403	83.5-92.0	3903767759.6	.4	7.2	2.7
MOJAVE12-WETTZELL	230	84.7-92.0	8588976465.3	1.1	16.8	3.0
MOJAVE12-WHTHORSE	5	88.6-89.6	3076518263.5	8.2	16.4	4.6
MOJAVE12-YAKATAGA	10	87.6-90.4	3273878619.3	8.6	25.7	7.1
MOJAVE12-YLOW7296	8	91.5-91.6	2995740025.2	2.7	7.0	2.5
MOJAVE12-YUMA	21	83.8-88.8	362912398.2	2.2	9.8	5.6
MOJ 7288-MOJAVE12	1	87.8-87.8	358196.9	1.7	———	———
MOJ 7288-OVRO 130	1	87.8-87.8	245135040.7	2.7	———	———
MOJ 7288-OVR 7853	1	87.8-87.8	245751411.2	2.9	———	———
MON PEAK-OVRO 130	20	82.8-88.8	510423733.2	10.5	45.6	61.2
MON PEAK-QUINCY	13	83.5-88.8	883538182.2	13.4	46.4	39.8
MON PEAK-VNDNBERG	26	83.9-89.4	430216039.3	2.2	11.0	6.8
MON PEAK-WESTFORD	2	90.9-90.9	3985679554.4	9.4	9.4	1.0
MON PEAK-YUMA	8	83.8-87.9	207726998.7	10.5	27.8	64.0
NOME -SNDPOINT	3	84.5-86.6	1060002871.3	4.1	5.8	.5
NOME -VNDNBERG	7	84.5-86.6	4388694143.4	19.5	47.6	6.1
NOME -WESTFORD	3	90.5-90.5	5785551141.3	12.1	17.1	1.2
NOTO -NRAO85 3	4	89.5-91.2	7446887092.4	8.1	14.1	1.2
NOTO -ONSALA60	7	89.4-91.7	2280154886.5	3.1	7.6	9.8
NOTO -RICHMOND	9	89.5-91.7	8115263593.3	5.8	16.4	1.2

Table 6.1 (continued)

Length Statistical Summary--Mean						
Baseline Name	Num Obs	Span yr to yr	Mean (mm)	Error (mm)	WRMS (mm)	Chi sqr
NOTO -WESTFORD	10	89.4-91.7	6744637400.8	5.5	16.6	2.7
NOTO -WETTZELL	21	89.4-91.7	1371101057.1	1.5	6.5	5.4
NRAO85 3-RICHMOND	104	89.3-92.0	1419169138.2	.7	7.4	2.4
NRAO85 3-WESTFORD	8	89.4-91.8	845216074.5	1.8	4.8	4.0
NRAO85 3-WETTZELL	1	91.9-91.9	6725781929.3	11.4	—	—
NRAO 140-NRAO85 3	1	91.8-91.8	1128931.4	1.8	—	—
NRAO 140-ONSALA60	4	81.9-83.0	6319317549.5	14.4	24.9	3.2
NRAO 140-OVRO 130	8	79.6-88.8	3324244205.5	5.9	15.7	9.4
NRAO 140-RICHMOND	1	91.8-91.8	1420105749.2	2.9	—	—
NRAO 140-WESTFORD	7	81.9-91.8	844148086.7	1.6	4.0	2.4
OCOTILLO-OVRO 130	1	85.2-85.2	542313250.0	7.2	—	—
OCOTILLO-PVERDES	1	85.2-85.2	264927266.1	5.7	—	—
OCOTILLO-VNDNBERG	3	84.2-85.2	487851105.0	10.2	14.4	3.9
ONSALA60-OVRO 130	33	80.6-87.8	7914131000.9	7.7	43.3	6.1
ONSALA60-RICHMOND	69	84.1-91.7	7307152592.6	4.1	33.5	7.4
ONSALA60-ROBLED32	1	83.3-83.3	2204783302.9	11.7	—	—
ONSALA60-SEST	3	90.3-90.4	10459732563.4	7.0	9.9	.2
ONSALA60-TROMSONO	4	89.6-89.6	1406156769.2	7.4	12.8	6.7
ONSALA60-WESTFORD	154	81.8-91.7	5600741537.6	3.2	39.3	25.3
ONSALA60-WETTZELL	136	83.6-91.7	919660997.8	.4	4.8	2.8
OVRO 130-PBLOSSOM	7	83.1-87.8	303497806.4	4.3	10.6	2.1
OVRO 130-PINFLATS	7	83.8-86.8	434649341.9	6.5	16.0	5.3
OVRO 130-PLATTVIL	9	83.4-88.3	1220818761.4	3.5	9.9	3.9
OVRO 130-PRESIDIO	8	83.7-88.9	374258371.0	10.9	28.9	40.6
OVRO 130-PT REYES	6	83.7-88.9	421766819.4	18.6	41.6	57.4
OVRO 130-PVERDES	2	83.9-85.2	387094567.0	14.2	14.2	4.2
OVRO 130-QUINCY	14	82.8-88.8	382696345.2	2.7	9.6	3.4
OVRO 130-SANPAULA	1	83.7-83.7	322080185.4	11.8	—	—
OVRO 130-VNDNBERG	46	83.6-88.9	363980311.2	2.3	15.6	7.8
OVRO 130-WESTFORD	29	81.5-88.8	3928579369.8	2.6	13.9	4.0
OVRO 130-WETTZELL	7	85.2-87.8	8500205014.9	12.9	31.7	6.9
OVRO 130-YUMA	7	83.8-87.8	603989382.8	2.2	5.5	1.1
OVR 7853-OVRO 130	1	87.8-87.8	991122.2	1.6	—	—
PBLOSSOM-SANPAULA	1	88.1-88.1	99880794.2	7.1	—	—
PBLOSSOM-VNDNBERG	9	83.6-88.1	247362520.9	8.4	23.7	24.3
PENTICTN-WESTFORD	3	90.6-90.6	3684967786.0	12.7	17.9	1.8
PENTICTN-YELLOWKN	2	84.7-85.7	1495292886.7	2.6	2.6	.1
PIETOWN -WESTFORD	33	88.7-91.9	3262799697.5	.7	4.1	4.9
PIETOWN -WETTZELL	7	91.1-91.9	8339267313.9	4.1	10.0	5.9
PINFLATS-PVERDES	3	87.2-88.1	180972818.6	2.7	3.8	.8

Table 6.1 (continued)

Length Statistical Summary--Mean						
Baseline Name	Num Obs	Span yr to yr	Mean (mm)	Error (mm)	WRMS (mm)	Chi sqr
PINFLATS-VNDNBERG	20	83.8-90.1	397781421.9	5.9	25.8	22.8
PINFLATS-YUMA	6	83.8-87.0	222910498.3	8.2	18.4	15.2
PLATTVIL-VERNAL	1	86.2-86.2	412425202.6	4.0	—	—
PLATTVIL-WESTFORD	11	83.4-90.8	2752862690.8	3.9	12.3	3.0
PRESIDIO-PT REYES	3	83.7-85.8	53727233.3	.8	1.2	.1
PRESIDIO-VNDNBERG	20	83.7-90.1	396580066.4	5.6	24.6	17.6
PRESIDIO-WESTFORD	6	89.8-91.5	4224409678.2	7.7	17.1	1.9
PRESIDIO-YLOW7296	2	91.5-91.5	2775924623.8	.6	.6	.0
PRESIDIO-YUMA	1	87.1-87.1	922582257.6	6.5	—	—
PT REYES-VNDNBERG	18	83.7-90.0	445233364.7	1.9	7.9	1.9
PT REYES-WESTFORD	6	89.9-91.5	4248545124.9	11.8	26.4	4.1
PT REYES-YLOW7296	2	91.5-91.5	2750483260.2	7.8	7.8	1.5
PT REYES-YUMA	1	87.8-87.8	975980359.5	9.7	—	—
PVERDES -VNDNBERG	9	83.9-90.1	223065182.8	3.0	8.4	3.1
QUINCY -VNDNBERG	13	84.3-89.8	601887717.8	12.0	41.7	57.3
QUINCY -WESTFORD	2	89.8-89.8	4023819277.5	7.0	7.0	.4
RICHMOND-TROMSONO	1	89.6-89.6	7249939443.2	16.5	—	—
RICHMOND-WESTFORD	529	84.0-92.0	2044501754.7	.3	6.8	1.8
RICHMOND-WETTZELL	504	84.1-92.0	7588398566.9	1.4	30.4	5.8
RICHMOND-YLOW7296	1	91.6-91.6	4696400712.9	5.1	—	—
ROBLED32-WESTFORD	1	83.3-83.3	5300462984.7	27.5	—	—
SANPAULA-VNDNBERG	10	83.7-90.1	149776488.8	1.9	5.6	1.4
SANTIA12-SESHAN25	2	92.0-92.0	12693859204.6	8.0	8.0	.0
SANTIA12-WESTFORD	3	91.9-92.0	7791503432.6	9.4	13.3	.5
SANTIA12-WETTZELL	3	91.9-92.0	10460704356.4	17.6	24.9	.9
SEATTLE1-WESTFORD	3	86.7-90.6	3895645947.1	11.9	16.8	2.0
SESHAN25-WESTFORD	2	92.0-92.0	10157033692.8	10.5	10.5	.2
SESHAN25-WETTZELL	6	90.3-92.0	8003555623.5	7.8	17.5	1.0
SEST -WESTFORD	3	90.3-90.4	7447845586.7	6.5	9.1	.4
SINTOTU -USUDA64	1	90.6-90.6	872851759.3	8.6	—	—
SNDPOINT-VNDNBERG	3	84.5-86.6	3763664062.9	24.7	34.9	5.8
SNDPOINT-WESTFORD	8	88.5-90.5	5963589379.1	7.0	18.6	1.3
SOURDOGH-VNDNBERG	8	84.6-86.6	3527017009.3	10.7	28.3	4.1
SOURDOGH-WESTFORD	6	88.6-89.6	4992696150.4	5.6	12.4	1.0
SOURDOGH-WHTHORSE	3	84.6-86.6	591316579.1	3.4	4.9	.7
SOURDOGH-YAKATAGA	4	84.6-86.6	329299231.6	17.5	30.4	32.3
TROMSONO-WESTFORD	1	89.6-89.6	5474070358.4	11.3	—	—
TROMSONO-WETTZELL	4	89.6-89.6	2296324589.6	8.8	15.3	6.2
TRYSILNO-WESTFORD	6	91.9-92.0	5480563535.9	5.9	13.1	2.2
TRYSILNO-WETTZELL	5	91.9-92.0	1364743193.6	1.3	2.6	.7

Table 6.1 (continued)

Length Statistical Summary--Mean						
Baseline Name	Num Obs	Span yr to yr	Mean (mm)	Error (mm)	WRMS (mm)	Chi sqr
VERNAL -VNDNBERG	1	88.8-88.8	1165722334.2	4.7	——	——
VERNAL -WESTFORD	4	89.3-90.8	3132148591.5	7.3	12.7	1.8
VERNAL -YUMA	1	88.8-88.8	917552145.3	5.7	——	——
VICTORIA-WESTFORD	3	90.6-90.6	3967716619.5	4.0	5.6	.2
VNDNBERG-WESTFORD	12	89.8-91.6	4228947341.4	4.5	14.8	2.9
VNDNBERG-WHTHORSE	3	84.6-86.6	3058395622.7	20.4	28.9	5.9
VNDNBERG-YAKATAGA	4	84.6-86.6	3214772161.5	11.0	19.1	2.1
VNDNBERG-YUMA	19	83.8-88.8	620341828.1	9.2	39.0	77.5
WESTFORD-WETTZELL	659	83.9-92.0	5998325433.8	1.3	34.0	21.1
WESTFORD-WHTHORSE	4	88.6-89.6	4511164134.9	11.1	19.2	3.5
WESTFORD-YAKATAGA	7	88.6-90.4	4895738347.3	10.3	25.2	3.3
WESTFORD-YLOW7296	8	91.5-91.6	3506849217.2	2.2	5.9	1.3

Table 6.2

Length Statistical Summary--Rate of Change							
Baseline Name	Rate mm/yr	Error mm/yr	WRMS mm	Chi sqr	Value at Epoch	Error mm	Corre-lation
ALGOPARK-GILCREEK	3.3	.8	8.5	1.8	4475699378.8	2.21	-.64
ALGOPARK-MOJAVE12	-2.3	1.5	8.5	2.7	3407219029.7	4.34	-.93
ALGOPARK-PENTICTN	6.9	3.9	20.2	2.6	3074234616.6	10.12	-.07
ALGOPARK-WESTFORD	-.7	.5	4.0	2.2	642611326.4	1.36	-.83
BLKBUTTE-HRAS 085	5.5	2.9	5.9	2.2	1158018149.9	3.74	.41
BLKBUTTE-MOJAVE12	2.5	1.9	6.9	2.1	213868855.6	2.77	.62
BLKBUTTE-MON PEAK	-1.1	4.0	4.3	1.2	107821846.6	7.21	.91
BLKBUTTE-VNDNBERG	27.7	2.2	7.1	2.6	462367712.6	2.80	.60
DEADMANL-MOJAVE12	4.4	8.8	12.4	4.8	131806790.9	8.03	.45
DEADMANL-SANPAULA	35.4	6.5	7.8	1.9	250758837.3	7.26	.64
DEADMANL-VNDNBERG	33.8	11.4	17.2	5.4	400134234.1	12.69	.62
DSS45 -GILCREEK	-59.2	7.5	24.1	2.4	10526654651.2	18.21	-.92
DSS45 -HOBART26	3.3	2.5	3.6	1.4	832194183.7	6.82	-.98
DSS45 -KASHIMA	-48.4	7.3	17.8	3.6	7436721522.9	15.29	-.92
DSS45 -KAUAI	-59.2	6.8	22.5	4.3	7769504790.2	15.99	-.92
DSS45 -SESHAN25	-62.4	5.0	18.0	2.5	7411129034.3	12.81	-.93
DSS65 -MEDICINA	1.9	.6	2.0	1.3	1378852886.7	1.68	-.91
DSS65 -NOTO	-5.7	3.4	4.5	9.1	1711832929.5	9.42	-.96
DSS65 -ONSALA60	.0	2.7	7.6	13.6	2205023112.7	6.46	-.91
DSS65 -WETTZELL	-.4	1.2	4.1	5.7	1655418187.2	3.25	-.92
EFLSBERG-HAYSTACK	23.7	5.7	15.6	1.4	5591903719.4	37.65	.98
EFLSBERG-HRAS 085	13.0	12.4	32.2	1.6	8084184942.2	80.98	.98
EFLSBERG-ONSALA60	.2	2.1	5.5	2.4	832210508.8	13.50	.98
ELY -HATCREEK	3.6	1.7	6.5	2.1	590025840.7	2.44	.01
ELY -HRAS 085	1.3	2.0	8.0	1.8	1378547100.0	2.82	-.01
ELY -MOJAVE12	-6.6	1.7	9.1	3.3	475517247.4	2.89	-.08
FLAGSTAF-HATCREEK	8.4	.7	3.7	.4	1062209394.0	1.53	.19
FLAGSTAF-HRAS 085	1.7	2.2	5.2	1.2	879283110.3	3.91	.75
FLAGSTAF-MOJAVE12	3.8	.9	4.6	1.3	478050190.1	1.94	.29
FLAGSTAF-PLATTVIL	5.9	2.4	3.8	.6	820904455.6	5.44	.87
FORTORDS-GILCREEK	-42.0	5.0	12.8	1.5	3538522683.3	10.02	-.49
FORTORDS-MOJAVE12	33.8	2.1	5.2	1.9	462074913.7	3.24	-.70
FORT ORD-HATCREEK	-30.6	4.0	14.8	5.9	461111213.1	6.94	.66
FORT ORD-HRAS 085	35.3	4.1	6.2	1.1	1774675725.8	7.76	.82
FORT ORD-MOJAVE12	33.5	1.6	5.9	2.2	464719669.6	2.33	.54
FORT ORD-OVRO 130	13.8	1.8	4.1	1.0	317067344.6	4.88	.88
FORT ORD-PRESIDIO	-10.3	3.0	6.6	2.4	139787380.4	5.73	.59
FORT ORD-VNDNBERG	1.0	1.4	5.5	1.0	256852440.2	2.28	.59
GILCREEK-GOLDVENU	-13.6	4.0	6.2	5.8	3827523791.7	11.11	-.92
GILCREEK-HATCREEK	-8.0	.8	9.7	2.3	3126752890.5	1.36	-.45

Table 6.2 (continued)

Length Statistical Summary--Rate of Change

Baseline Name	Rate mm/yr	Error mm/yr	WRMS mm	Chi sqr	Value at Epoch	Error mm	Corre-lation
GILCREEK-HAYSTACK	-2.3	2.2	4.9	3.9	5039482226.1	4.11	-.97
GILCREEK-HOBART26	-19.2	10.3	35.7	2.5	10953029842.3	27.77	-.97
GILCREEK-HRAS 085	2.7	1.7	11.6	2.4	4725812330.8	1.60	.10
GILCREEK-KASHIMA	-1.3	.6	11.9	2.2	5427104371.5	1.14	-.21
GILCREEK-KAUAI	-44.3	.4	10.4	2.6	4728114594.1	1.14	-.80
GILCREEK-KODIAK	-3.8	.9	4.6	.7	848553596.5	1.42	-.44
GILCREEK-KWAJAL26	-20.7	4.7	26.6	3.1	6719676558.9	9.81	.75
GILCREEK-MOJAVE12	-9.9	.2	5.9	2.2	3816209157.2	.57	-.78
GILCREEK-NOME	-1.5	.8	5.5	1.2	848263841.4	2.00	.23
GILCREEK-NRAO85 3	-.5	1.4	12.1	2.5	5034926347.9	4.38	-.97
GILCREEK-ONSALA60	16.0	2.1	11.5	2.4	6066488145.8	5.31	-.73
GILCREEK-OVRO 130	-17.4	2.5	7.8	1.7	3584055701.2	2.54	.22
GILCREEK-PENTICTN	6.4	1.8	7.3	.8	2374175685.6	4.55	-.37
GILCREEK-PIETOWN	-6.1	1.2	4.0	4.2	4225114884.0	2.72	-.96
GILCREEK-PLATTVIL	5.6	2.3	11.0	1.6	3810424342.8	4.08	-.31
GILCREEK-PRESIDIO	-29.0	4.3	7.9	.7	3396404688.5	5.74	-.10
GILCREEK-PT REYES	-32.5	2.4	9.8	1.0	3352262241.3	5.31	-.81
GILCREEK-RICHMOND	1.1	1.2	14.5	1.6	6117758537.4	3.70	-.94
GILCREEK-SESHAN25	-11.2	5.2	22.0	5.2	6635555882.3	11.88	-.88
GILCREEK-SNDPOINT	2.2	2.4	12.0	3.2	1284477828.5	4.42	-.58
GILCREEK-SOURDOGH	2.4	1.6	4.6	1.9	276378193.5	3.31	.84
GILCREEK-VNDNBERG	-40.6	.8	11.4	2.6	3775849557.0	1.30	-.13
GILCREEK-WESTFORD	-.4	.5	8.2	4.3	5040099887.5	1.21	-.85
GILCREEK-WETTZELL	10.6	1.2	6.7	1.7	6856771510.5	4.13	-.96
GILCREEK-WHTHORSE	-3.8	3.8	10.9	7.1	788869901.2	4.76	-.49
GILCREEK-YAKATAGA	-32.5	1.8	5.3	1.5	603048937.8	3.19	.65
GOLDVENU-HAYSTACK	1.4	4.7	16.9	30.9	3900825671.4	16.42	-.69
GOLDVENU-MOJAVE12	-.3	.9	2.8	4.9	12567223.4	3.03	.84
GOLDVENU-ONSALA60	10.0	4.4	22.1	7.3	8024928146.4	15.06	-.68
GOLDVENU-OVRO 130	1.9	1.2	6.4	3.4	257587466.8	5.08	.77
GOLDVENU-WESTFORD	3.1	2.3	9.9	3.5	3900445514.5	8.22	.52
GORF7102-MOJAVE12	7.9	7.5	10.0	3.4	3506892267.7	25.36	-.97
GORF7102-NRAO85 3	3.4	1.3	1.7	.7	270278761.8	4.06	-.95
GORF7102-RICHMOND	6.9	2.5	5.1	1.3	1519989245.7	7.50	-.94
GORF7102-WESTFORD	.0	3.0	6.9	3.7	600947760.9	8.63	-.93
HARTRAO -HRAS 085	8.6	17.5	28.0	.9	11878469240.2	19.24	-.69
HARTRAO -MEDICINA	11.0	10.0	18.1	1.5	7453222495.4	18.72	-.83
HARTRAO -ONSALA60	28.5	7.9	27.2	1.4	8525165648.8	12.41	.20
HARTRAO -RICHMOND	12.1	2.9	33.9	1.6	10814591279.7	8.00	-.73
HARTRAO -WESTFORD	14.0	2.9	37.2	2.0	10658658435.7	7.93	-.74

Table 6.2 (continued)

Length Statistical Summary--Rate of Change

Baseline Name	Rate mm/yr	Error mm/yr	WRMS mm	Chi sqr	Value at Epoch	Error mm	Corre-lation
HARTRAO -WETTZELL	-2.5	1.8	21.5	1.7	7832322560.2	4.91	-.75
HATCREEK-HRAS 085	8.4	.8	9.8	2.6	1933473667.7	1.29	.20
HATCREEK-KASHIMA	-9.3	3.3	19.7	3.2	7557328237.7	5.57	.33
HATCREEK-KAUAI	5.0	1.3	7.8	1.5	4061718602.8	2.02	.09
HATCREEK-MOJAVE12	-.5	.3	6.7	2.7	729148669.0	.59	-.23
HATCREEK-MON PEAK	-28.6	1.6	14.0	4.7	986815215.6	3.03	.16
HATCREEK-OVRO 130	-2.4	.7	7.0	2.3	484321523.6	1.60	.68
HATCREEK-PLATTVIL	6.3	.9	7.9	2.1	1416314071.5	1.78	.15
HATCREEK-PRESIDIO	-16.7	1.9	6.5	1.6	344991835.9	2.76	.52
HATCREEK-PT REYES	-20.3	1.5	7.4	1.7	326628750.6	2.21	-.45
HATCREEK-QUINCY	-2.6	.6	4.9	1.1	103712238.0	1.29	.20
HATCREEK-VERNAL	11.1	1.4	5.4	1.4	1007489458.1	2.46	-.45
HATCREEK-VNDNBERG	-32.6	.6	7.8	3.0	698706402.0	.93	-.48
HATCREEK-WESTFORD	7.5	1.4	11.9	2.7	4032819075.8	3.07	-.71
HATCREEK-YUMA	10.4	3.6	11.0	3.5	1086071228.0	3.85	.42
HAYSTACK-HRAS 085	.9	.9	13.4	1.8	3135641006.2	4.40	.85
HAYSTACK-MOJAVE12	.5	.9	4.4	3.4	3904144265.3	1.67	-.83
HAYSTACK-NRAO 140	1.4	2.0	3.0	1.6	845129862.9	13.31	.99
HAYSTACK-ONSALA60	17.7	.5	13.3	2.2	5599714585.9	2.65	.60
HAYSTACK-OVRO 130	3.9	.8	10.0	1.6	3928881656.2	4.79	.92
HAYSTACK-WESTFORD	-.2	.2	1.6	1.3	1239395.8	.43	-.66
HAYSTACK-WETTZELL	12.9	8.3	12.7	3.4	5997390746.9	20.67	.95
HOBART26-KAUAI	-41.8	7.3	17.2	1.5	8268576733.2	19.46	-.97
HRAS 085-KASHIMA	21.2	15.7	51.6	2.7	9027663354.6	11.97	-.51
HRAS 085-MOJAVE12	5.7	.4	7.1	3.4	1313368176.3	.62	.11
HRAS 085-MON PEAK	34.3	.9	8.5	2.2	1205751673.8	1.68	.42
HRAS 085-NRAO 140	-1.0	1.0	6.7	3.0	2354634001.8	4.49	.66
HRAS 085-ONSALA60	13.2	1.2	29.4	2.0	7940732270.3	3.15	.41
HRAS 085-OVRO 130	7.6	.4	7.9	2.1	1508195428.1	1.34	.71
HRAS 085-PLATTVIL	-.4	1.1	7.4	1.8	1060499647.8	2.03	.51
HRAS 085-QUINCY	8.5	2.5	16.3	5.5	1849591451.9	4.77	.15
HRAS 085-RICHMOND	2.2	.3	9.8	1.9	2362632826.6	.52	.05
HRAS 085-VERNAL	1.1	3.4	7.9	2.9	1187981358.3	4.08	-.26
HRAS 085-VNDNBERG	35.7	.9	8.2	2.1	1617713903.4	1.29	.17
HRAS 085-WESTFORD	-1.1	.3	12.8	2.9	3134928007.2	.53	.18
HRAS 085-WETTZELL	14.7	.7	23.5	1.5	8417561517.5	1.17	-.14
HRAS 085-YUMA	1.6	1.9	8.0	3.0	1002949391.5	2.66	.66
JPL MV1 -MAMMOTHL	-11.6	5.3	10.9	2.6	387649646.2	15.20	.86
JPL MV1 -MOJAVE12	5.9	1.2	9.0	3.2	171686446.7	2.86	.69
JPL MV1 -OVRO 130	-12.0	2.0	16.2	4.7	335941379.1	5.72	.73

Table 6.2 (continued)

Length Statistical Summary--Rate of Change

Baseline Name	Rate mm/yr	Error mm/yr	WRMS mm	Chi sqr	Value at Epoch	Error mm	Corre-lation
JPL MV1 -PBLOSSOM	-2.6	2.3	7.5	1.3	41155677.3	6.66	.86
JPL MV1 -PINFLATS	5.2	2.3	3.9	.7	171805098.6	4.28	.89
JPL MV1 -VNDNBERG	8.2	1.5	7.8	2.5	228030987.8	2.47	.62
KASHIMA -KAUAI	-63.3	1.0	13.1	2.8	5709360249.1	1.64	-.05
KASHIMA -KWAJAL26	-70.6	3.0	14.5	2.4	3936330523.6	6.24	.78
KASHIMA -MOJAVE12	-7.6	1.3	18.9	2.5	8091824105.2	2.58	.06
KASHIMA -ONSALA60	-9.3	7.2	34.4	7.9	7969643049.2	15.81	-.23
KASHIMA -RICHMOND	8.7	6.3	33.8	1.3	10279840848.5	10.66	-.79
KASHIMA -SESHAN25	-28.2	3.4	10.9	5.2	1875920127.1	6.39	-.88
KASHIMA -TSUKUBA	-3.1	2.5	7.7	1.1	54548550.3	3.88	.47
KASHIMA -VNDNBERG	-35.6	3.3	23.0	4.1	7913888138.4	5.05	.41
KASHIMA -WESTFORD	.9	6.5	26.8	3.7	9502316533.8	10.94	-.06
KASHIMA -WETTZELL	-20.5	4.5	26.4	2.9	8475826934.6	8.40	-.11
KAUAI -KWAJAL26	.2	2.9	17.1	3.1	3725196315.0	6.24	.76
KAUAI -MOJAVE12	20.2	.5	8.7	2.9	4303581295.1	1.47	-.66
KAUAI -NRA085 3	11.2	2.3	19.0	2.7	7208031467.3	7.19	-.97
KAUAI -RICHMOND	29.2	2.8	20.1	2.0	7452634330.0	8.68	-.97
KAUAI -SESHAN25	-83.1	4.5	19.5	3.1	7310294139.3	10.24	-.88
KAUAI -VNDNBERG	2.3	1.8	15.5	5.4	3972522448.9	2.96	.30
KODIAK -MOJAVE12	-1.4	3.1	9.8	1.1	3574416154.6	4.70	-.68
KODIAK -NOME	-20.9	4.0	4.1	.2	1024053235.7	8.22	.93
KODIAK -VNDNBERG	-62.2	24.2	17.7	1.8	3459022016.4	41.64	.95
KWAJAL26-MOJAVE12	14.1	6.2	29.7	3.2	7576938642.5	14.32	.84
KWAJAL26-VNDNBERG	-3.2	11.7	36.2	5.6	7298104563.4	24.44	.88
MAMMOTHL-MOJAVE12	6.1	2.0	3.7	.6	315785230.1	4.94	.85
MAMMOTHL-OVRO 130	3.3	2.3	4.2	1.1	74255501.1	5.81	.86
MARPOINT-RICHMOND	.6	4.4	12.9	2.5	1442649214.4	5.82	-.87
MARPOINT-WESTFORD	1.4	1.5	12.0	5.3	676178922.8	4.96	.41
MEDICINA-ONSALA60	-2.1	1.3	5.0	5.0	1429470398.9	3.00	-.86
MEDICINA-WETTZELL	-2.2	.5	2.7	1.7	522461130.6	1.09	-.83
MOJAVE12-MON PEAK	-22.1	.9	9.5	3.9	274055769.2	1.84	.46
MOJAVE12-NOTO	-2.5	6.1	15.7	1.0	9422863905.2	15.54	-.93
MOJAVE12-NRA085 3	-.3	1.9	4.1	.9	3262045659.1	6.35	-.97
MOJAVE12-ONSALA60	9.8	1.6	19.9	3.9	8021117525.8	3.74	-.61
MOJAVE12-OVRO 130	2.1	.4	6.3	2.7	245276456.5	.96	.67
MOJAVE12-PBLOSSOM	1.3	1.8	6.7	2.6	131184787.6	4.25	.80
MOJAVE12-PIETOWN	1.5	1.0	3.7	9.8	809730830.8	2.27	-.96
MOJAVE12-PINFLATS	-11.9	.8	5.6	1.2	195109702.0	1.46	.46
MOJAVE12-PLATTVIL	-.4	.8	6.8	1.9	1196316951.1	1.58	.18
MOJAVE12-PRESIDIO	21.3	1.5	7.6	2.9	568654974.9	2.27	.29

Table 6.2 (continued)

Length Statistical Summary--Rate of Change							
Baseline Name	Rate mm/yr	Error mm/yr	WRMS mm	Chi sqr	Value at Epoch	Error mm	Corre-lation
MOJAVE12-PT REYES	28.5	.8	5.3	1.3	621424830.1	1.46	-.52
MOJAVE12-PVERDES	-3.6	1.2	5.0	1.1	224483711.3	2.01	-.37
MOJAVE12-QUINCY	2.5	1.1	8.7	3.1	627137773.4	2.04	.02
MOJAVE12-RICHMOND	4.6	.9	8.9	2.6	3594693010.1	2.44	-.96
MOJAVE12-SANPAULA	11.5	1.3	5.9	1.6	219618292.2	2.23	-.34
MOJAVE12-SNDPOINT	-22.6	6.0	13.4	1.4	3916865290.2	10.12	-.88
MOJAVE12-VERNAL	-1.3	1.5	5.5	1.6	848884616.7	2.51	-.46
MOJAVE12-VNDNBERG	16.8	.3	5.9	3.2	351282525.7	.47	-.13
MOJAVE12-WESTFORD	.5	.3	7.1	2.6	3903767758.5	.66	-.84
MOJAVE12-WETTZELL	7.4	.8	14.4	2.2	8588976444.9	2.46	-.92
MOJAVE12-YAKATAGA	33.1	7.0	11.7	1.9	3273878615.1	9.61	.28
MOJAVE12-YUMA	7.4	1.2	5.8	2.0	362912405.1	1.75	.66
MON PEAK-OVRO 130	-24.9	1.5	11.2	3.9	510423682.6	4.01	.75
MON PEAK-QUINCY	-25.9	3.2	17.7	6.3	883538160.3	5.98	.45
MON PEAK-VNDNBERG	2.8	1.5	10.2	6.2	430216041.1	2.31	.43
MON PEAK-YUMA	28.0	2.0	4.7	2.1	207727043.4	3.68	.85
NOME -VNDNBERG	-57.0	13.7	22.6	1.6	4388694027.4	29.70	.94
NOTO -ONSALA60	-3.4	4.3	7.2	10.4	2280154895.5	11.62	-.96
NOTO -RICHMOND	12.1	4.8	11.9	.7	8115263563.2	12.78	-.94
NOTO -WESTFORD	15.5	3.2	8.4	.8	6744637366.2	7.80	-.92
NOTO -WETTZELL	-6.0	1.2	4.3	2.5	1371101071.5	3.07	-.95
NRAO85 3-RICHMOND	2.2	.9	7.2	2.3	1419169131.6	2.74	-.97
NRAO85 3-WESTFORD	4.0	2.0	3.8	2.8	845216061.6	6.71	-.97
NRAO 140-OVRO 130	3.2	1.4	11.5	5.8	3324244219.3	7.66	.79
NRAO 140-WESTFORD	.5	.3	3.3	1.9	844148087.2	1.52	.24
ONSALA60-OVRO 130	12.2	2.1	29.7	3.0	7914131050.7	9.99	.85
ONSALA60-RICHMOND	16.0	1.5	20.1	2.7	7307152565.1	3.52	-.72
ONSALA60-WESTFORD	17.2	.5	13.3	2.9	5600741529.4	1.11	-.22
ONSALA60-WETTZELL	-.6	.2	4.7	2.7	919660998.3	.44	-.42
OVRO 130-PBLOSSOM	-7.7	1.5	4.2	.4	303497787.3	4.12	.89
OVRO 130-PINFLATS	-15.6	3.4	7.0	1.2	434649313.0	6.98	.89
OVRO 130-PLATTVIL	2.7	2.6	9.2	3.9	1220818764.7	4.70	.68
OVRO 130-PRESIDIO	16.8	2.1	8.3	3.9	374258389.2	4.05	.55
OVRO 130-PT REYES	23.7	1.7	6.0	1.5	421766841.5	3.38	.47
OVRO 130-QUINCY	-1.2	1.4	9.3	3.5	382696343.3	3.46	.63
OVRO 130-VNDNBERG	-8.8	.9	8.7	2.5	363980300.6	1.70	.63
OVRO 130-WESTFORD	3.3	.8	11.0	2.7	3928579377.9	2.96	.70
OVRO 130-WETTZELL	17.2	12.3	26.8	5.9	8500205042.8	23.19	.86
OVRO 130-YUMA	3.5	2.4	4.6	.9	603989388.7	4.48	.89
PBLOSSOM-VNDNBERG	16.6	1.7	6.1	1.9	247362549.9	3.74	.79

Table 6.2 (continued)

Length Statistical Summary--Rate of Change

Baseline Name	Rate mm/yr	Error mm/yr	WRMS mm	Chi sqr	Value at Epoch	Error mm	Corre-lation
PIETOWN -WESTFORD	-1.6	1.1	4.0	4.8	3262799700.9	2.52	-.96
PINFLATS-VNDNBERG	17.0	1.0	6.2	1.4	397781433.9	1.62	.43
PINFLATS-YUMA	25.0	7.2	9.1	4.7	222910534.0	11.20	.91
PLATTVIL-WESTFORD	3.3	2.2	11.0	2.6	2752862689.8	3.73	-.19
PRESIDIO-VNDNBERG	-13.6	1.7	8.5	2.3	396580070.8	2.51	.28
PT REYES-VNDNBERG	-2.6	1.2	7.0	1.6	445233366.0	1.84	-.32
PVERDES -VNDNBERG	3.9	1.3	5.7	1.6	223065180.6	2.27	-.33
QUINCY -VNDNBERG	-29.9	1.8	8.0	2.3	601887725.5	2.46	-.19
RICHMOND-WESTFORD	-.2	.1	6.8	1.8	2044501755.0	.36	-.55
RICHMOND-WETTZELL	14.2	.4	16.5	1.7	7588398542.6	1.02	-.69
SANPAULA-VNDNBERG	2.2	1.0	4.5	1.0	149776487.4	1.71	-.38
SOURDOGH-VNDNBERG	-33.2	10.7	17.5	1.8	3527016944.4	22.11	.95
SOURDOGH-YAKATAGA	-36.4	3.7	4.3	1.0	329299147.7	9.02	.94
VNDNBERG-YAKATAGA	20.5	11.5	11.8	1.2	3214772204.4	25.40	.94
VNDNBERG-YUMA	38.3	1.8	7.5	3.0	620341861.7	2.41	.66
WESTFORD-WETTZELL	17.2	.2	11.0	2.2	5998325402.6	.60	-.70

Table 6.3

Transverse Statistical Summary									
Baseline Name	Sessions		Mean Statistics			Rate Statistics			
	Num Obs	Span yr to yr	Error mm	WRMS mm	Chi Sqr	Rate mm/yr	Error mm/yr	WRMS mm	Chi Sqr
ALGOPARK–GILCREEK	27	84.7–91.6	5.6	14.0	10.51	-5.9	.6	6.2	2.14
ALGOPARK–HRAS 085	5	84.7–85.7	5.2	5.4	2.11	—	—	—	—
ALGOPARK–KAUAI	7	90.5–91.6	25.9	32.5	26.66	—	—	—	—
ALGOPARK–KODIAK	3	90.5–90.5	.4	4.7	.96	—	—	—	—
ALGOPARK–MATERA	3	91.4–91.6	4.2	7.2	2.12	—	—	—	—
ALGOPARK–MOJAVE12	29	85.6–91.6	2.0	6.3	3.24	3.1	.9	5.3	2.34
ALGOPARK–NRAO85 3	7	90.5–91.6	2.4	4.7	1.40	—	—	—	—
ALGOPARK–PENTICTN	6	84.7–90.6	7.1	13.4	5.15	-3.7	1.7	9.0	2.93
ALGOPARK–RICHMOND	15	90.5–91.6	4.2	9.1	7.77	—	—	—	—
ALGOPARK–SNDPOINT	3	90.5–90.5	1.9	4.2	.50	—	—	—	—
ALGOPARK–VICTORIA	3	90.6–90.6	2.7	4.8	.89	—	—	—	—
ALGOPARK–WESTFORD	29	84.7–91.6	1.8	6.3	5.79	-2.3	.7	5.4	4.38
ALGOPARK–WETTZELL	12	90.5–91.6	2.6	7.3	2.01	—	—	—	—
ALGOPARK–YELLOWKN	2	84.7–85.7	.1	3.1	.70	—	—	—	—
ALGOPARK–YLOW7296	2	91.5–91.6	.5	11.0	24.50	—	—	—	—
AUSTINTX–HRAS 085	1	87.5–87.5	3.9	—	—	—	—	—	—
AUSTINTX–RICHMOND	1	87.5–87.5	4.4	—	—	—	—	—	—
AUSTINTX–WESTFORD	1	87.5–87.5	5.2	—	—	—	—	—	—
BERMUDA –MARPOINT	3	87.6–87.6	48.7	25.4	10.10	—	—	—	—
BERMUDA –RICHMOND	4	87.6–87.6	7.8	7.0	.94	—	—	—	—
BERMUDA –WESTFORD	4	87.6–87.6	3.4	4.4	.65	—	—	—	—
BLKBUTTE–ELY	2	88.8–88.8	4.4	5.0	2.28	—	—	—	—
BLKBUTTE–HATCREEK	5	87.1–88.8	8.9	8.4	2.84	—	—	—	—
BLKBUTTE–HRAS 085	5	83.9–88.8	4.2	7.1	1.68	-3.4	2.9	5.9	1.52
BLKBUTTE–MOJAVE12	12	83.9–88.8	1.9	5.2	1.89	3.5	.7	2.9	.64
BLKBUTTE–MON PEAK	4	83.9–86.8	8.4	11.9	8.25	22.1	3.1	2.3	.46
BLKBUTTE–OCOTILLO	2	84.2–85.0	2.1	2.8	.22	—	—	—	—
BLKBUTTE–OVRO 130	3	86.4–87.8	9.1	8.2	5.78	—	—	—	—
BLKBUTTE–PRESIDIO	2	87.4–87.8	16.2	5.1	1.03	—	—	—	—
BLKBUTTE–PT REYES	1	87.1–87.1	6.0	—	—	—	—	—	—
BLKBUTTE–VNDNBERG	12	83.9–88.8	12.3	30.1	27.68	26.0	1.6	5.8	1.15
BLOOMIND–HRAS 085	1	87.6–87.6	11.6	—	—	—	—	—	—
BLOOMIND–WESTFORD	1	87.6–87.6	12.4	—	—	—	—	—	—
BREST –MOJAVE12	2	89.7–89.7	17.2	11.2	4.29	—	—	—	—
BREST –NOTO	4	89.7–89.7	7.2	7.0	1.52	—	—	—	—
BREST –ONSALA60	1	89.7–89.7	5.3	—	—	—	—	—	—
BREST –RICHMOND	1	89.7–89.7	8.6	—	—	—	—	—	—
BREST –WESTFORD	2	89.7–89.7	15.8	12.2	7.10	—	—	—	—
BREST –WETTZELL	4	89.7–89.7	12.1	10.8	5.07	—	—	—	—
CARNUSTY–MOJAVE12	1	89.6–89.6	7.6	—	—	—	—	—	—

Table 6.3 (continued)

Transverse Statistical Summary									
Baseline Name	Sessions		Mean Statistics			Rate Statistics			
	Num Obs	Span yr to yr	Error mm	WRMS mm	Chi Sqr	Rate mm/yr	Error mm/yr	WRMS mm	Chi Sqr
CARNUSTY-RICHMOND	1	89.6-89.6	7.5	—	—	—	—	—	—
CARNUSTY-WESTFORD	1	89.6-89.6	5.9	—	—	—	—	—	—
CARNUSTY-WETTZELL	4	89.6-89.6	4.0	8.7	1.82	—	—	—	—
CARROLGA-HRAS 085	1	87.5-87.5	8.4	—	—	—	—	—	—
CARROLGA-RICHMOND	1	87.5-87.5	9.0	—	—	—	—	—	—
CARROLGA-WESTFORD	1	87.5-87.5	7.8	—	—	—	—	—	—
CHLBOLTN-HAYSTACK	7	80.8-80.8	7.9	7.8	1.32	—	—	—	—
CHLBOLTN-HRAS 085	7	80.8-80.8	5.3	7.2	.69	—	—	—	—
CHLBOLTN-ONSALA60	7	80.8-80.8	6.1	7.4	1.87	—	—	—	—
CHLBOLTN-OVRO 130	6	80.8-80.8	11.6	10.3	1.30	—	—	—	—
DEADMANL-JPL MV1	1	88.1-88.1	8.9	—	—	—	—	—	—
DEADMANL-MOJAVE12	5	84.2-88.1	5.0	6.8	2.05	5.9	4.1	5.2	1.61
DEADMANL-SANPAULA	4	84.2-87.9	12.6	15.1	2.52	15.6	7.2	8.3	1.14
DEADMANL-VNDNBERG	5	84.2-88.1	21.7	27.1	7.49	29.7	7.9	11.3	1.73
DSS15 -GILCREEK	2	88.9-89.6	7.1	3.3	2.13	—	—	—	—
DSS15 -GOLDVENU	1	87.8-87.8	2.5	—	—	—	—	—	—
DSS15 -HAYSTACK	2	88.9-89.6	.9	.6	.07	—	—	—	—
DSS15 -MOJAVE12	1	87.8-87.8	1.7	—	—	—	—	—	—
DSS15 -MOJ 7288	1	87.8-87.8	2.0	—	—	—	—	—	—
DSS15 -OVRO 130	2	87.8-88.9	1.1	1.2	.33	—	—	—	—
DSS15 -OVR 7853	1	87.8-87.8	2.8	—	—	—	—	—	—
DSS15 -YAKATAGA	1	89.6-89.6	4.8	—	—	—	—	—	—
DSS45 -GILCREEK	13	88.5-91.7	14.6	22.2	5.88	19.5	2.6	9.1	1.09
DSS45 -HARTRAO	4	91.3-91.9	5.3	9.3	1.25	—	—	—	—
DSS45 -HOBART26	8	89.9-91.9	.8	2.8	.94	-1.2	1.6	2.7	1.00
DSS45 -KASHIM34	5	90.2-91.7	14.6	14.6	5.40	—	—	—	—
DSS45 -KASHIMA	11	88.5-91.4	15.8	25.5	14.21	-30.4	2.4	5.9	.83
DSS45 -KAUAI	15	88.4-91.7	16.9	42.8	28.28	-41.4	2.6	9.4	1.49
DSS45 -KWAJAL26	3	88.5-88.6	2.2	3.6	.22	—	—	—	—
DSS45 -MEDICINA	1	91.8-91.8	18.3	—	—	—	—	—	—
DSS45 -MOJAVE12	1	88.4-88.4	12.4	—	—	—	—	—	—
DSS45 -SANTIA12	1	91.9-91.9	12.4	—	—	—	—	—	—
DSS45 -SESHAN25	16	88.5-91.8	11.6	20.1	7.00	-16.9	2.9	10.8	2.18
DSS45 -WETTZELL	2	91.3-91.5	70.9	18.1	6.39	—	—	—	—
DSS65 -EFLSBERG	1	91.9-91.9	1.9	—	—	—	—	—	—
DSS65 -HRAS 085	1	88.8-88.8	4.7	—	—	—	—	—	—
DSS65 -MATERA	6	90.4-91.9	12.1	5.7	6.06	—	—	—	—
DSS65 -MEDICINA	10	88.7-91.9	2.6	4.6	4.72	-3.3	.9	2.7	1.85
DSS65 -MOJAVE12	1	88.8-88.8	4.6	—	—	—	—	—	—
DSS65 -NOTO	5	89.4-91.7	7.3	6.6	11.26	-7.7	2.6	3.3	3.82

Table 6.3 (continued)

Transverse Statistical Summary									
Baseline Name	Sessions		Mean Statistics			Rate Statistics			
	Num Obs	Span yr to yr	Error mm	WRMS mm	Chi Sqr	Rate mm/yr	Error mm/yr	WRMS mm	Chi Sqr
DSS65 -ONSALA60	10	88.8-91.7	3.5	5.6	5.61	-5.1	1.0	2.8	1.57
DSS65 -RICHMOND	3	88.7-89.0	4.2	5.7	1.11	—	—	—	—
DSS65 -WESTFORD	5	88.7-89.4	.5	2.6	.43	—	—	—	—
DSS65 -WETTZELL	12	88.7-91.9	2.3	3.7	2.99	-2.6	.8	2.6	1.57
EFLSBERG-HAYSTACK	7	79.9-83.3	7.3	20.1	8.06	-9.4	5.6	16.1	6.17
EFLSBERG-HRAS 085	6	80.6-83.3	22.8	31.3	13.15	-19.5	14.5	25.9	11.28
EFLSBERG-MATERA	1	91.9-91.9	1.9	—	—	—	—	—	—
EFLSBERG-MEDICINA	1	91.9-91.9	1.5	—	—	—	—	—	—
EFLSBERG-NRAO 140	1	79.9-79.9	25.3	—	—	—	—	—	—
EFLSBERG-ONSALA60	6	80.6-83.3	2.2	5.9	1.08	-3.0	2.0	4.7	.86
EFLSBERG-OVRO 130	6	79.9-80.7	11.5	23.7	5.34	—	—	—	—
EFLSBERG-ROBLED32	1	83.3-83.3	8.9	—	—	—	—	—	—
EFLSBERG-WESTFORD	1	83.3-83.3	6.2	—	—	—	—	—	—
EFLSBERG-WETTZELL	1	91.9-91.9	1.0	—	—	—	—	—	—
ELY -HATCREEK	9	85.3-89.3	6.0	13.0	4.26	2.3	3.1	12.6	4.52
ELY -HRAS 085	10	84.3-89.3	3.7	13.9	4.87	-7.2	1.4	6.6	1.24
ELY -MOJAVE12	12	84.3-90.8	2.2	5.6	1.63	2.3	.7	4.0	.91
ELY -OVRO 130	1	86.3-86.3	5.6	—	—	—	—	—	—
ELY -PLATTVIL	3	84.3-86.3	2.7	4.7	.32	—	—	—	—
ELY -VNDNBERG	5	87.4-88.8	5.1	19.7	12.66	—	—	—	—
ELY -WESTFORD	4	89.3-90.8	2.0	3.3	.19	—	—	—	—
ELY -YUMA	3	87.4-88.3	2.6	4.0	.57	—	—	—	—
FD-VLBA -HRAS 085	4	91.3-91.4	.3	.5	1.24	—	—	—	—
FLAGSTAF-HATCREEK	8	84.3-90.9	4.8	8.6	1.83	-1.0	1.5	8.3	2.00
FLAGSTAF-HRAS 085	6	84.3-88.8	5.3	9.4	2.63	-1.8	3.6	9.1	3.09
FLAGSTAF-MOJAVE12	8	84.3-90.9	7.3	15.4	7.42	6.8	1.1	5.8	1.22
FLAGSTAF-PLATTVIL	4	84.3-88.8	6.0	7.3	1.33	-3.1	2.9	5.8	1.29
FLAGSTAF-VERNAL	2	87.3-88.3	2.5	5.3	2.37	—	—	—	—
FLAGSTAF-WESTFORD	2	90.8-90.9	5.7	6.0	1.40	—	—	—	—
FORTORDS-GILCREEK	17	88.9-91.6	2.9	8.7	2.86	9.9	2.1	4.8	.99
FORTORDS-HATCREEK	16	88.9-90.1	2.7	9.3	5.95	—	—	—	—
FORTORDS-HAYSTACK	1	89.8-89.8	8.6	—	—	—	—	—	—
FORTORDS-MOJAVE12	19	88.9-91.6	10.5	37.9	62.52	22.9	2.3	6.0	1.74
FORTORDS-OVRO 130	2	88.9-88.9	3.3	2.2	.24	—	—	—	—
FORTORDS-PRESIDIO	3	89.8-89.9	3.8	3.6	.49	—	—	—	—
FORTORDS-PT REYES	5	88.9-89.9	5.1	15.2	8.42	—	—	—	—
FORTORDS-QUINCY	2	89.8-89.8	1.3	2.5	.28	—	—	—	—
FORTORDS-VNDNBERG	17	88.9-90.1	4.9	15.8	12.62	—	—	—	—
FORTORDS-WESTFORD	11	89.8-91.6	13.9	32.6	33.84	—	—	—	—
FORTORDS-YLOW7296	2	91.6-91.6	12.2	5.1	1.93	—	—	—	—

Table 6.3 (continued)

Transverse Statistical Summary

Baseline Name	Sessions		Mean Statistics			Rate Statistics			
	Num Obs	Span yr to yr	Error mm	WRMS mm	Chi Sqr	Rate mm/yr	Error mm/yr	WRMS mm	Chi Sqr
FORT ORD–GILCREEK	4	88.1–88.1	1.1	4.5	.95	——	——	——	——
FORT ORD–HATCREEK	10	84.2–88.1	24.0	30.1	50.84	22.3	2.9	10.6	7.02
FORT ORD–HRAS 085	4	85.2–87.8	7.5	14.3	4.31	12.4	3.3	5.0	.79
FORT ORD–JPL MV1	1	87.8–87.8	5.5	——	——	——	——	——	——
FORT ORD–MOJAVE12	11	83.7–88.1	12.4	28.6	29.55	19.4	1.8	7.6	2.29
FORT ORD–MON PEAK	1	87.1–87.1	5.2	——	——	——	——	——	——
FORT ORD–OVRO 130	5	83.7–87.8	20.7	45.3	52.78	30.2	5.4	13.3	6.08
FORT ORD–PRESIDIO	4	83.7–88.1	9.5	9.4	5.12	3.5	3.1	7.4	4.73
FORT ORD–PT REYES	3	87.4–88.1	9.4	6.2	1.80	——	——	——	——
FORT ORD–VNDNBERG	11	83.7–88.1	2.9	7.5	2.98	1.6	1.7	7.2	3.00
FTD 7900–HRAS 085	1	88.8–88.8	2.5	——	——	——	——	——	——
FTD 7900–MOJAVE12	1	88.8–88.8	3.5	——	——	——	——	——	——
FTD 7900–PIETOWN	1	88.8–88.8	2.7	——	——	——	——	——	——
FTD 7900–WESTFORD	1	88.8–88.8	6.5	——	——	——	——	——	——
GILCREEK–GOLDVENU	4	88.5–91.6	7.8	9.0	11.70	-6.3	2.7	4.7	4.80
GILCREEK–HALEAKAL	3	88.5–88.5	3.3	3.8	.55	——	——	——	——
GILCREEK–HARTRAO	4	90.4–92.0	7.2	17.3	2.71	——	——	——	——
GILCREEK–HATCREEK	65	85.4–90.8	1.4	6.8	2.98	.8	.6	6.7	2.94
GILCREEK–HAYSTACK	23	84.7–91.6	3.2	8.5	9.52	-7.8	.8	3.7	1.89
GILCREEK–HOBART26	29	89.7–92.0	6.2	19.1	3.38	19.3	3.8	13.7	1.80
GILCREEK–HRAS 085	55	84.7–89.5	2.4	11.1	8.21	-8.8	.6	4.9	1.63
GILCREEK–KASHIM34	22	90.2–92.0	3.8	11.2	4.33	——	——	——	——
GILCREEK–KASHIMA	117	84.6–91.9	6.5	34.3	41.66	20.3	.3	5.6	1.11
GILCREEK–KAUAI	236	84.5–92.0	13.7	130.0	706.43	65.3	.2	6.6	1.85
GILCREEK–KODIAK	15	84.6–90.5	3.7	11.7	10.88	8.2	.9	4.3	1.57
GILCREEK–KWAJAL26	19	84.5–88.6	50.6	122.3	365.96	88.5	1.8	10.0	2.59
GILCREEK–LA-VLBA	11	91.4–91.9	4.8	6.8	5.51	——	——	——	——
GILCREEK–MARCUS	1	90.5–90.5	5.9	——	——	——	——	——	——
GILCREEK–MARPOINT	24	88.1–89.6	2.6	10.0	1.32	——	——	——	——
GILCREEK–MATERA	15	90.8–91.9	3.7	9.6	2.82	——	——	——	——
GILCREEK–MEDICINA	3	89.0–91.2	7.2	17.0	17.39	——	——	——	——
GILCREEK–MIZUSGSI	1	91.9–91.9	11.1	——	——	——	——	——	——
GILCREEK–MOJAVE12	266	84.5–91.9	.6	6.7	4.09	-3.2	.2	4.5	1.84
GILCREEK–NOBEY 6M	7	89.9–91.5	8.4	11.2	1.73	——	——	——	——
GILCREEK–NOME	10	84.5–90.5	2.5	9.0	3.52	-2.7	.9	6.3	1.94
GILCREEK–NOTO	4	89.5–91.2	4.2	5.1	.79	——	——	——	——
GILCREEK–NRAO85 3	135	89.1–92.0	.8	7.0	2.06	-5.2	.6	5.6	1.36
GILCREEK–NRAO 140	1	90.7–90.7	4.4	——	——	——	——	——	——
GILCREEK–ONSALA60	12	85.5–91.6	17.3	23.0	27.90	-10.0	1.5	9.8	5.56
GILCREEK–OVRO 130	12	85.4–88.9	4.8	8.7	6.87	-3.4	2.6	8.1	6.47

Table 6.3 (continued)

Transverse Statistical Summary

Baseline Name	Sessions		Mean Statistics			Rate Statistics			
	Num Obs	Span yr to yr	Error mm	WRMS mm	Chi Sqr	Rate mm/yr	Error mm/yr	WRMS mm	Chi Sqr
GILCREEK-PENTICTN	5	84.7-90.6	9.9	11.1	5.87	-4.1	.4	1.9	.24
GILCREEK-PIETOWN	31	89.6-91.9	1.2	3.2	1.76	-1.9	.9	3.0	1.58
GILCREEK-PINFLATS	2	90.1-90.1	8.3	5.9	2.75	——	——	——	——
GILCREEK-PLATTVIL	10	85.4-90.8	4.7	8.6	4.24	-4.6	.8	3.6	.84
GILCREEK-PRESIDIO	10	88.1-91.5	3.6	10.9	5.02	10.7	1.5	2.7	.39
GILCREEK-PT REYES	12	88.1-91.5	4.2	10.8	4.88	8.6	1.1	4.2	.82
GILCREEK-PVERDES	2	90.1-90.1	1.2	1.5	.18	——	——	——	——
GILCREEK-QUINCY	4	89.8-90.8	1.1	4.4	.71	——	——	——	——
GILCREEK-RICHMOND	139	87.3-92.0	1.6	12.7	4.58	-11.8	.5	6.0	1.04
GILCREEK-SANPAULA	2	90.1-90.1	.6	1.0	.06	——	——	——	——
GILCREEK-SANTIA12	2	92.0-92.0	.6	3.8	.31	——	——	——	——
GILCREEK-SEATTLE1	2	90.6-90.6	12.1	5.4	1.57	——	——	——	——
GILCREEK-SESHAN25	17	88.3-92.0	6.8	17.9	7.44	-12.7	2.1	9.6	2.28
GILCREEK-SEST	2	90.4-90.4	9.1	11.4	1.45	——	——	——	——
GILCREEK-SHANGHAI	1	86.5-86.5	43.2	——	——	——	——	——	——
GILCREEK-SNDPOINT	13	84.5-90.5	3.2	10.9	6.57	7.0	.8	4.1	1.01
GILCREEK-SOURDOGH	16	84.6-89.6	2.7	8.1	7.71	4.0	2.4	7.1	6.88
GILCREEK-TRYSILNO	6	91.9-92.0	.6	2.0	.22	——	——	——	——
GILCREEK-VICTORIA	3	90.6-90.6	1.2	4.1	.86	——	——	——	——
GILCREEK-VNDNBERG	80	84.5-91.6	2.9	18.0	16.42	10.2	.4	6.2	1.95
GILCREEK-WESTFORD	166	84.7-92.0	2.1	12.1	11.01	-7.1	.3	5.5	2.24
GILCREEK-WETTZELL	34	84.7-92.0	14.2	31.4	43.48	-13.2	.8	10.7	5.25
GILCREEK-WHTHORSE	9	84.6-89.6	8.0	12.1	11.41	4.8	3.4	10.7	10.24
GILCREEK-YAKATAGA	16	84.6-90.4	16.7	41.5	144.51	3.8	.9	2.7	.70
GILCREEK-YELLOWKN	2	84.7-85.7	5.8	6.0	3.25	——	——	——	——
GILCREEK-YLOW7296	8	91.5-91.6	1.3	4.4	2.01	——	——	——	——
GOLDVENU-HAYSTACK	4	81.9-91.6	7.9	4.0	1.81	-.6	.9	3.6	2.15
GOLDVENU-HRAS 085	3	81.9-82.8	5.3	13.2	5.26	——	——	——	——
GOLDVENU-KASHIM34	1	90.6-90.6	6.2	——	——	——	——	——	——
GOLDVENU-KASHIMA	1	91.6-91.6	7.4	——	——	——	——	——	——
GOLDVENU-MEDICINA	2	90.6-91.2	8.7	14.9	20.08	——	——	——	——
GOLDVENU-MOJAVE12	5	83.7-88.5	2.2	2.9	1.92	.9	.7	2.4	1.66
GOLDVENU-MOJ 7288	1	87.8-87.8	2.3	——	——	——	——	——	——
GOLDVENU-NRAO 140	1	81.9-81.9	5.1	——	——	——	——	——	——
GOLDVENU-ONSALA60	6	81.9-91.6	21.2	18.0	11.04	-4.8	1.7	10.4	4.58
GOLDVENU-OVRO 130	6	81.9-87.8	1.6	3.8	1.28	-1.0	.5	2.9	.89
GOLDVENU-OVR 7853	1	87.8-87.8	2.0	——	——	——	——	——	——
GOLDVENU-PRESIDIO	1	83.7-83.7	11.0	——	——	——	——	——	——
GOLDVENU-PT REYES	1	83.7-83.7	9.9	——	——	——	——	——	——
GOLDVENU-QUINCY	1	82.8-82.8	6.7	——	——	——	——	——	——

Table 6.3 (continued)

Transverse Statistical Summary									
Baseline Name	Sessions		Mean Statistics			Rate Statistics			
	Num Obs	Span yr to yr	Error mm	WRMS mm	Chi Sqr	Rate mm/yr	Error mm/yr	WRMS mm	Chi Sqr
GOLDVENU-VNDNBERG	1	83.7-83.7	8.4	——	——	——	——	——	——
GOLDVENU-WESTFORD	4	81.9-88.5	9.2	7.7	2.83	-2.4	.2	1.1	.09
GORF7102-HRAS 085	1	89.4-89.4	5.0	——	——	——	——	——	——
GORF7102-MARPOINT	2	89.4-89.4	5.5	11.2	14.77	——	——	——	——
GORF7102-MOJAVE12	5	89.8-91.9	6.5	8.5	3.21	-6.2	4.0	6.4	2.37
GORF7102-NRA085 3	4	89.4-91.7	5.5	5.9	3.04	2.8	3.5	5.2	3.46
GORF7102-RICHMOND	6	89.4-91.7	5.1	8.6	6.58	-5.7	3.0	6.2	4.31
GORF7102-SANTIA12	1	91.9-91.9	10.3	——	——	——	——	——	——
GORF7102-WESTFORD	7	89.4-91.9	4.1	6.7	3.63	-.6	2.9	6.6	4.33
GORF7102-WETTZELL	1	91.9-91.9	7.8	——	——	——	——	——	——
GRASSE -MOJAVE12	1	89.7-89.7	8.2	——	——	——	——	——	——
GRASSE -NOTO	2	89.7-89.7	.2	.2	.00	——	——	——	——
GRASSE -RICHMOND	1	89.7-89.7	9.4	——	——	——	——	——	——
GRASSE -WESTFORD	1	89.7-89.7	7.5	——	——	——	——	——	——
GRASSE -WETTZELL	4	89.7-89.7	1.0	1.8	.34	——	——	——	——
HALEAKAL-KAUAI	3	88.5-88.5	16.8	14.4	10.64	——	——	——	——
HALEAKAL-MOJAVE12	3	88.5-88.5	2.2	4.0	.41	——	——	——	——
HARTRAO -HOBART26	27	90.0-92.0	3.9	13.1	1.39	——	——	——	——
HARTRAO -HRAS 085	6	87.1-89.2	11.4	28.7	4.01	-31.7	5.6	9.5	.55
HARTRAO -KASHIM34	6	90.4-92.0	21.5	23.9	4.59	——	——	——	——
HARTRAO -KASHIMA	2	90.3-90.4	24.5	12.1	1.88	——	——	——	——
HARTRAO -KAUAI	4	90.4-92.0	39.4	20.2	3.37	——	——	——	——
HARTRAO -MATERA	1	91.9-91.9	6.7	——	——	——	——	——	——
HARTRAO -MEDICINA	5	88.0-91.8	3.0	3.3	.14	1.6	1.5	2.8	.13
HARTRAO -MOJAVE12	23	90.0-91.9	7.4	23.2	4.05	——	——	——	——
HARTRAO -NOTO	4	91.4-91.7	3.0	2.9	.19	——	——	——	——
HARTRAO -NRA085 3	1	91.9-91.9	11.2	——	——	——	——	——	——
HARTRAO -ONSALA60	7	86.0-90.4	15.2	15.4	2.54	4.6	3.9	13.6	2.37
HARTRAO -RICHMOND	40	86.0-91.9	9.6	40.5	10.36	-18.2	1.3	16.7	1.81
HARTRAO -SANTIA12	4	91.9-92.0	1.8	11.7	1.60	——	——	——	——
HARTRAO -SESHAN25	7	90.3-92.0	12.3	20.3	3.05	——	——	——	——
HARTRAO -SEST	2	90.4-90.4	.5	3.0	.08	——	——	——	——
HARTRAO -WESTFORD	50	86.0-92.0	10.1	38.4	11.37	-18.0	1.1	15.4	1.87
HARTRAO -WETTZELL	46	86.0-92.0	6.7	20.3	5.57	9.0	.9	10.9	1.63
HATCREEK-HAYSTACK	2	84.3-89.8	7.7	9.9	4.33	——	——	——	——
HATCREEK-HRAS 085	62	83.4-89.4	1.7	9.4	2.31	-3.9	.5	6.8	1.23
HATCREEK-JPL MV1	2	83.5-87.8	13.9	32.9	66.14	——	——	——	——
HATCREEK-KASHIM34	1	90.8-90.8	8.7	——	——	——	——	——	——
HATCREEK-KASHIMA	16	84.2-90.1	15.7	22.7	17.77	14.4	1.5	8.2	2.48
HATCREEK-KAUAI	17	85.4-90.8	38.3	104.2	522.78	68.8	1.1	6.7	2.33

Table 6.3 (continued)

Transverse Statistical Summary									
Baseline Name	Sessions		Mean Statistics			Rate Statistics			
	Num Obs	Span yr to yr	Error mm	WRMS mm	Chi Sqr	Rate mm/yr	Error mm/yr	WRMS mm	Chi Sqr
HATCREEK-KODIAK	2	87.5-87.5	1.1	.9	.05	—	—	—	—
HATCREEK-MAMMOTHL	1	83.5-83.5	6.6	—	—	—	—	—	—
HATCREEK-MOJAVE12	139	83.5-90.9	1.3	9.9	7.55	-4.4	.3	5.9	2.68
HATCREEK-MON PEAK	24	83.5-90.9	7.3	25.2	24.39	12.2	1.2	10.2	4.15
HATCREEK-OVRO 130	38	83.4-88.9	2.3	8.3	4.11	-2.9	.7	6.7	2.79
HATCREEK-PINFLATS	2	90.1-90.1	1.5	4.0	1.94	—	—	—	—
HATCREEK-PLATTVIL	22	83.4-90.8	4.0	10.6	3.09	4.0	.7	6.5	1.22
HATCREEK-PRESIDIO	14	85.8-90.1	10.1	23.9	41.00	14.5	2.3	7.8	5.10
HATCREEK-PT REYES	16	84.2-90.0	15.3	35.7	69.33	26.2	1.0	4.9	1.40
HATCREEK-PVERDES	4	89.1-90.1	.9	1.9	.25	—	—	—	—
HATCREEK-QUINCY	17	83.5-90.8	2.4	6.6	2.95	1.6	.8	5.8	2.46
HATCREEK-SANPAULA	4	89.1-90.1	3.3	3.7	.81	—	—	—	—
HATCREEK-SNDPOINT	1	87.6-87.6	76.1	—	—	—	—	—	—
HATCREEK-VERNAL	8	86.2-90.8	2.9	8.8	2.26	1.9	2.2	8.3	2.33
HATCREEK-VNDNBERG	92	84.2-90.1	4.5	24.9	53.20	17.9	.5	6.9	4.10
HATCREEK-WESTFORD	32	83.4-90.9	2.6	8.5	2.44	1.0	1.0	8.4	2.44
HATCREEK-YAKATAGA	3	87.6-87.6	1.2	4.6	1.02	—	—	—	—
HATCREEK-YUMA	12	85.2-88.8	2.6	7.2	1.41	-2.8	2.2	6.6	1.33
HAYSTACK-HRAS 085	36	80.3-89.5	3.7	15.3	5.88	-5.1	.6	8.2	1.73
HAYSTACK-KASHIM34	1	90.6-90.6	5.9	—	—	—	—	—	—
HAYSTACK-KASHIMA	3	84.7-91.6	154.5	43.1	66.85	—	—	—	—
HAYSTACK-KODIAK	1	89.5-89.5	5.9	—	—	—	—	—	—
HAYSTACK-MARPOINT	2	82.5-82.5	2.2	4.1	3.23	—	—	—	—
HAYSTACK-MEDICINA	2	90.6-91.2	9.6	7.4	6.21	—	—	—	—
HAYSTACK-MOJAVE12	24	84.3-89.8	1.4	4.4	3.13	-.7	.7	4.3	3.13
HAYSTACK-NRAO 140	5	79.6-81.9	2.7	3.3	1.49	-1.6	2.1	3.0	1.67
HAYSTACK-ONSALA60	42	80.6-91.6	2.4	10.9	3.17	-1.4	.4	9.8	2.61
HAYSTACK-OVRO 130	29	79.6-88.9	4.1	10.9	3.13	1.4	.8	10.2	2.88
HAYSTACK-PIETOWN	13	89.6-89.8	1.4	3.3	3.95	—	—	—	—
HAYSTACK-PLATTVIL	1	84.3-84.3	6.7	—	—	—	—	—	—
HAYSTACK-PRESIDIO	1	89.8-89.8	8.5	—	—	—	—	—	—
HAYSTACK-ROBLED32	1	83.3-83.3	7.1	—	—	—	—	—	—
HAYSTACK-VNDNBERG	1	89.8-89.8	7.5	—	—	—	—	—	—
HAYSTACK-WESTFORD	26	81.4-89.8	.5	2.9	4.51	.0	.3	2.9	4.69
HAYSTACK-WETTZELL	6	84.7-86.7	7.0	9.2	4.60	-1.9	5.8	9.0	5.60
HAYSTACK-YAKATAGA	1	89.6-89.6	5.0	—	—	—	—	—	—
HOBART26-KASHIM34	18	90.2-92.0	7.6	17.6	4.34	—	—	—	—
HOBART26-KASHIMA	9	89.7-90.5	3.8	7.9	1.51	—	—	—	—
HOBART26-KAUAI	14	89.7-92.0	18.6	34.1	14.87	-39.6	5.4	14.6	2.96
HOBART26-MOJAVE12	20	90.0-91.9	8.8	25.4	4.37	—	—	—	—

Table 6.3 (continued)

Transverse Statistical Summary									
Baseline Name	Sessions		Mean Statistics			Rate Statistics			
	Num Obs	Span yr to yr	Error mm	WRMS mm	Chi Sqr	Rate mm/yr	Error mm/yr	WRMS mm	Chi Sqr
HOBART26-NOBEY 6M	4	90.2-91.5	10.2	11.6	1.66	——	——	——	——
HOBART26-ONSALA60	2	90.4-90.4	3.4	5.3	.35	——	——	——	——
HOBART26-SANTIA12	4	91.9-92.0	6.1	10.6	1.20	——	——	——	——
HOBART26-SESHAN25	9	90.0-92.0	7.4	13.3	3.22	——	——	——	——
HOBART26-SEST	2	90.4-90.4	16.7	10.3	1.36	——	——	——	——
HOBART26-WESTFORD	4	90.4-92.0	45.1	54.7	23.00	——	——	——	——
HOBART26-WETTZELL	4	91.3-92.0	56.9	39.2	17.03	——	——	——	——
HOHENFRG-MOJAVE12	2	89.5-89.5	2.2	5.0	.75	——	——	——	——
HOHENFRG-NOTO	5	89.5-89.5	2.2	5.3	1.16	——	——	——	——
HOHENFRG-RICHMOND	2	89.5-89.5	.0	.1	.00	——	——	——	——
HOHENFRG-WESTFORD	2	89.5-89.5	.9	3.8	.74	——	——	——	——
HOHENFRG-WETTZELL	5	89.5-89.5	3.2	5.8	4.15	——	——	——	——
HRAS 085-JPL MV1	3	82.8-87.8	29.6	27.6	16.24	——	——	——	——
HRAS 085-KASHIMA	27	87.3-89.5	2.0	8.3	.93	6.2	2.1	7.2	.72
HRAS 085-KODIAK	1	89.5-89.5	6.1	——	——	——	——	——	——
HRAS 085-LEONRDOK	1	87.6-87.6	4.8	——	——	——	——	——	——
HRAS 085-MAMMOTHL	1	83.5-83.5	12.8	——	——	——	——	——	——
HRAS 085-MARPOINT	3	82.8-89.4	12.9	17.0	10.16	——	——	——	——
HRAS 085-MCD 7850	1	88.8-88.8	2.2	——	——	——	——	——	——
HRAS 085-MEDICINA	12	87.3-89.1	3.5	13.2	3.51	——	——	——	——
HRAS 085-MILESMON	1	88.3-88.3	4.9	——	——	——	——	——	——
HRAS 085-MOJAVE12	134	83.5-90.8	.6	6.0	2.52	2.0	.2	4.8	1.63
HRAS 085-MON PEAK	33	82.8-89.4	5.8	29.3	19.84	16.0	.8	8.3	1.63
HRAS 085-NRAO85 3	1	89.4-89.4	4.2	——	——	——	——	——	——
HRAS 085-NRAO 140	6	80.3-88.8	25.9	22.6	48.83	-6.8	.8	5.4	3.53
HRAS 085-ONSALA60	107	80.6-89.4	3.9	30.3	14.20	-11.2	.5	12.5	2.45
HRAS 085-OVRO 130	73	80.3-88.8	1.3	8.2	2.60	-.6	.3	8.0	2.53
HRAS 085-PENTICTN	3	84.7-85.7	9.4	6.5	2.00	——	——	——	——
HRAS 085-PIETOWN	3	88.7-88.8	.2	.6	.14	——	——	——	——
HRAS 085-PINFLATS	5	85.8-87.0	4.6	8.2	1.90	——	——	——	——
HRAS 085-PLATTVIL	20	83.4-89.3	2.7	7.4	3.52	-3.5	.8	5.0	1.69
HRAS 085-PRESIDIO	4	85.2-87.1	4.3	5.6	.54	——	——	——	——
HRAS 085-PT REYES	2	85.2-85.8	.9	8.9	1.77	——	——	——	——
HRAS 085-QUINCY	14	82.8-89.3	4.4	10.8	1.75	-3.2	1.4	9.1	1.33
HRAS 085-RICHMOND	350	84.0-90.8	.9	15.7	6.78	-7.9	.3	8.5	1.99
HRAS 085-ROBLED32	1	83.3-83.3	11.5	——	——	——	——	——	——
HRAS 085-VERNAL	6	86.2-89.3	4.2	5.6	1.66	-.9	2.4	5.5	2.01
HRAS 085-VNDNBERG	44	83.9-89.4	9.1	36.4	28.11	25.3	1.0	8.8	1.67
HRAS 085-WESTFORD	597	81.4-90.8	.9	15.9	8.54	-7.5	.1	5.8	1.14
HRAS 085-WETTZELL	415	83.9-90.8	1.3	26.5	12.63	-15.9	.2	7.8	1.09

Table 6.3 (continued)

Transverse Statistical Summary									
Baseline Name	Sessions		Mean Statistics			Rate Statistics			
	Num Obs	Span yr to yr	Error mm	WRMS mm	Chi Sqr	Rate mm/yr	Error mm/yr	WRMS mm	Chi Sqr
HRAS 085-YELLOWKN	2	84.7-85.7	.4	.2	.00	—	—	—	—
HRAS 085-YUMA	18	83.8-88.8	2.5	7.5	1.73	-1.8	1.7	7.2	1.72
JPL MV1 -MAMMOTHL	4	83.5-86.8	12.7	17.1	12.28	9.8	5.4	10.5	6.93
JPL MV1 -MOJAVE12	21	83.5-88.9	9.9	37.4	58.10	24.0	1.0	6.5	1.86
JPL MV1 -MON PEAK	1	82.8-82.8	6.7	—	—	—	—	—	—
JPL MV1 -OVRO 130	19	82.8-88.9	11.7	37.4	59.41	19.6	1.3	9.8	4.32
JPL MV1 -PBLOSSOM	7	83.1-88.0	8.0	14.4	4.57	8.0	3.1	9.4	2.34
JPL MV1 -PINFLATS	6	83.8-87.0	4.0	5.9	1.00	2.2	3.0	5.5	1.10
JPL MV1 -PRESIDIO	2	88.8-88.9	14.2	6.4	2.63	—	—	—	—
JPL MV1 -QUINCY	1	82.8-82.8	30.8	—	—	—	—	—	—
JPL MV1 -VNDNBERG	18	83.6-88.9	10.5	20.0	10.37	14.0	1.7	8.9	2.17
KASHIM34-KASHIMA	6	90.2-90.5	1.1	2.6	.74	—	—	—	—
KASHIM34-KAUAI	10	90.2-92.0	4.6	9.8	2.81	—	—	—	—
KASHIM34-MARCUS	1	90.5-90.5	4.8	—	—	—	—	—	—
KASHIM34-MEDICINA	1	90.6-90.6	6.4	—	—	—	—	—	—
KASHIM34-MOJAVE12	11	90.2-91.5	9.2	14.9	3.54	—	—	—	—
KASHIM34-NOBEY 6M	5	90.2-91.5	6.9	6.4	.97	—	—	—	—
KASHIM34-ONSALA60	3	90.4-90.6	3.7	6.3	1.27	—	—	—	—
KASHIM34-SANTIA12	2	92.0-92.0	1.4	2.2	.05	—	—	—	—
KASHIM34-SESHAN25	9	90.2-92.0	6.6	13.8	9.93	—	—	—	—
KASHIM34-SEST	2	90.4-90.4	1.7	17.6	2.41	—	—	—	—
KASHIM34-SINTOTU	1	90.6-90.6	4.2	—	—	—	—	—	—
KASHIM34-WESTFORD	4	90.4-92.0	3.2	15.5	5.52	—	—	—	—
KASHIM34-WETTZELL	4	91.3-92.0	9.4	5.8	.73	—	—	—	—
KASHIMA -KAUAI	66	84.6-91.4	8.1	15.4	7.76	-8.5	.6	7.3	1.78
KASHIMA -KWAJAL26	16	84.6-88.6	17.5	45.1	32.05	30.3	1.9	10.6	1.88
KASHIMA -MARCUS	1	90.5-90.5	5.2	—	—	—	—	—	—
KASHIMA -MEDICINA	1	90.4-90.4	6.8	—	—	—	—	—	—
KASHIMA -MIYAZAKI	3	86.8-88.8	4.2	5.6	.55	—	—	—	—
KASHIMA -MIZUSGSI	1	91.9-91.9	6.7	—	—	—	—	—	—
KASHIMA -MOJAVE12	56	84.1-91.2	4.8	16.5	8.27	8.4	.4	5.8	1.03
KASHIMA -NOBEY 6M	3	89.9-90.2	1.4	5.7	.95	—	—	—	—
KASHIMA -ONSALA60	7	85.5-91.6	20.8	16.0	12.15	8.0	2.3	8.5	4.17
KASHIMA -RICHMOND	29	87.3-90.1	4.2	11.9	1.09	4.6	2.2	11.0	.97
KASHIMA -SESHAN25	15	88.3-91.4	6.9	17.0	16.73	-17.3	2.2	7.1	3.19
KASHIMA -SHANGHAI	1	86.5-86.5	22.1	—	—	—	—	—	—
KASHIMA -SINTOTU	3	90.6-90.6	1.9	1.9	.22	—	—	—	—
KASHIMA -TITIJIMA	3	87.9-89.9	17.1	23.5	9.67	—	—	—	—
KASHIMA -TSUKUBA	7	84.6-89.7	3.2	4.8	.39	-.1	1.5	4.8	.47
KASHIMA -USUDA64	1	90.6-90.6	5.8	—	—	—	—	—	—

Table 6.3 (continued)

Transverse Statistical Summary									
Baseline Name	**Sessions**		**Mean Statistics**			**Rate Statistics**			
	Num Obs	**Span yr to yr**	**Error mm**	**WRMS mm**	**Chi Sqr**	**Rate mm/yr**	**Error mm/yr**	**WRMS mm**	**Chi Sqr**
KASHIMA -VNDNBERG	27	85.4–90.1	3.8	5.8	1.13	.2	.9	5.8	1.17
KASHIMA -WESTFORD	8	85.5–90.0	25.8	24.8	28.30	16.7	3.3	10.9	6.41
KASHIMA -WETTZELL	12	84.7–90.4	17.2	16.0	8.96	6.7	2.2	11.5	5.08
KASHIMA -WHTHORSE	1	89.6–89.6	8.2	——	——	——	——	——	——
KAUAI -KWAJAL26	20	84.5–88.6	6.7	14.1	2.56	3.7	2.1	13.0	2.29
KAUAI -LA-VLBA	11	91.4–91.9	15.7	13.5	10.92	——	——	——	——
KAUAI -MARPOINT	6	88.4–89.4	30.9	36.8	5.12	——	——	——	——
KAUAI -MATERA	15	90.8–91.9	6.7	18.8	5.71	——	——	——	——
KAUAI -MOJAVE12	65	84.5–91.9	47.9	146.6	969.13	64.1	.3	6.1	1.71
KAUAI -NOTO	3	89.5–91.2	5.7	36.1	28.30	——	——	——	——
KAUAI -NRAO85 3	129	89.1–92.0	7.9	47.8	44.19	66.3	1.2	9.8	1.85
KAUAI -ONSALA60	2	90.4–90.4	3.3	10.4	3.30	——	——	——	——
KAUAI -PIETOWN	6	91.1–91.9	18.7	16.3	21.19	——	——	——	——
KAUAI -RICHMOND	98	88.4–92.0	7.8	43.2	31.11	58.0	1.3	9.4	1.48
KAUAI -SANTIA12	2	92.0–92.0	.0	.0	.00	——	——	——	——
KAUAI -SESHAN25	18	88.3–92.0	22.3	30.9	18.24	-25.1	2.5	11.5	2.67
KAUAI -SEST	2	90.4–90.4	8.2	15.3	2.10	——	——	——	——
KAUAI -SHANGHAI	1	86.5–86.5	22.1	——	——	——	——	——	——
KAUAI -VNDNBERG	32	84.5–90.1	18.5	50.8	95.89	32.8	.9	7.8	2.34
KAUAI -WESTFORD	22	90.4–92.0	14.8	31.4	31.94	——	——	——	——
KAUAI -WETTZELL	17	91.1–92.0	6.5	18.8	7.76	——	——	——	——
KAUAI -WHTHORSE	1	89.6–89.6	7.5	——	——	——	——	——	——
KODIAK -MOJAVE12	10	87.5–90.5	1.6	6.7	1.82	-3.6	1.7	5.4	1.32
KODIAK -NOME	4	84.6–86.6	3.2	5.0	.62	.2	4.8	5.0	.92
KODIAK -VNDNBERG	4	84.6–86.6	8.7	11.8	3.25	-15.9	12.2	8.7	2.63
KODIAK -WESTFORD	8	88.5–90.5	3.7	8.5	2.07	——	——	——	——
KWAJAL26-MOJAVE12	17	84.5–88.6	45.6	88.7	83.29	64.8	2.6	13.5	2.04
KWAJAL26-SESHAN25	3	88.5–88.6	8.4	7.1	.94	——	——	——	——
KWAJAL26-VNDNBERG	12	84.5–88.6	32.9	43.6	21.00	38.9	4.9	16.2	3.18
LA-VLBA -MOJAVE12	12	91.4–91.9	4.0	4.0	6.95	——	——	——	——
LA-VLBA -PIETOWN	4	91.4–91.9	9.2	3.5	12.47	——	——	——	——
LA-VLBA -WESTFORD	12	91.4–91.9	6.8	6.7	9.92	——	——	——	——
LA-VLBA -WETTZELL	12	91.4–91.9	8.9	13.2	7.88	——	——	——	——
LEONRDOK-RICHMOND	1	87.6–87.6	5.1	——	——	——	——	——	——
LEONRDOK-WESTFORD	1	87.6–87.6	6.2	——	——	——	——	——	——
MAMMOTHL-MOJAVE12	4	83.5–86.8	7.9	11.0	7.46	-6.5	3.7	6.9	4.43
MAMMOTHL-OVRO 130	4	83.5–86.8	1.4	6.7	1.63	-1.8	3.1	6.2	2.09
MAMMOTHL-VNDNBERG	2	84.8–86.8	31.9	16.7	42.94	——	——	——	——
MARCUS -SESHAN25	1	90.5–90.5	5.8	——	——	——	——	——	——
MARPOINT-MEDICINA	1	89.0–89.0	9.8	——	——	——	——	——	——

Table 6.3 (continued)

Transverse Statistical Summary									
Baseline Name	Sessions		Mean Statistics			Rate Statistics			
	Num Obs	Span yr to yr	Error mm	WRMS mm	Chi Sqr	Rate mm/yr	Error mm/yr	WRMS mm	Chi Sqr
MARPOINT-NOTO	1	89.5–89.5	8.4	—	—	—	—	—	—
MARPOINT-NRAO85 3	11	89.1–89.6	7.9	11.9	4.88	—	—	—	—
MARPOINT-ONSALA60	4	82.5–83.7	2.4	4.2	.40	—	—	—	—
MARPOINT-OVRO 130	3	82.5–82.8	5.1	15.0	4.16	—	—	—	—
MARPOINT-RICHMOND	22	87.6–89.6	2.8	10.3	2.69	–5.4	3.4	9.7	2.50
MARPOINT-WESTFORD	9	82.5–89.4	7.4	9.2	4.29	–.8	1.1	8.9	4.57
MATERA -MEDICINA	5	90.4–91.9	11.2	4.1	5.42	—	—	—	—
MATERA -MOJAVE12	3	91.8–92.0	1.6	2.4	.20	—	—	—	—
MATERA -NOTO	4	90.7–91.7	8.8	2.7	2.67	—	—	—	—
MATERA -NRAO85 3	15	90.8–91.9	4.8	11.4	2.80	—	—	—	—
MATERA -ONSALA60	4	90.7–91.7	15.3	4.4	3.67	—	—	—	—
MATERA -RICHMOND	4	91.8–92.0	4.8	7.7	1.87	—	—	—	—
MATERA -WESTFORD	3	91.8–92.0	1.6	2.5	.32	—	—	—	—
MATERA -WETTZELL	10	90.4–92.0	5.6	3.9	3.91	—	—	—	—
MCD 7850-MOJAVE12	1	88.8–88.8	2.8	—	—	—	—	—	—
MCD 7850-PIETOWN	1	88.8–88.8	2.0	—	—	—	—	—	—
MCD 7850-WESTFORD	1	88.8–88.8	5.6	—	—	—	—	—	—
MEDICINA-NOTO	4	90.1–91.7	5.3	3.3	4.71	—	—	—	—
MEDICINA-ONSALA60	13	87.3–91.7	4.3	6.7	7.97	–4.7	1.3	4.5	3.93
MEDICINA-RICHMOND	14	87.3–89.0	1.9	7.5	1.08	—	—	—	—
MEDICINA-SESHAN25	2	90.4–91.8	6.9	5.2	.83	—	—	—	—
MEDICINA-WESTFORD	19	87.3–89.1	2.4	7.2	1.85	—	—	—	—
MEDICINA-WETTZELL	22	87.3–91.9	1.6	4.0	3.06	–2.2	.6	3.1	1.90
METSHOVI-MOJAVE12	2	89.5–89.5	2.9	1.8	.08	—	—	—	—
METSHOVI-ONSALA60	5	89.5–89.5	4.2	7.6	2.54	—	—	—	—
METSHOVI-RICHMOND	2	89.5–89.5	.1	.1	.00	—	—	—	—
METSHOVI-WESTFORD	2	89.5–89.5	7.2	4.6	.59	—	—	—	—
METSHOVI-WETTZELL	5	89.5–89.5	9.7	11.6	6.07	—	—	—	—
MILESMON-MOJAVE12	1	88.3–88.3	6.0	—	—	—	—	—	—
MILESMON-WESTFORD	1	88.3–88.3	9.3	—	—	—	—	—	—
MOJAVE12-MON PEAK	36	83.5–90.9	8.7	40.2	159.13	23.9	.8	7.7	6.06
MOJAVE12-NOBEY 6M	7	89.9–91.5	6.8	10.3	1.05	—	—	—	—
MOJAVE12-NOME	3	90.5–90.5	1.5	4.2	.75	—	—	—	—
MOJAVE12-NOTO	10	89.5–91.7	6.9	14.7	4.47	–13.6	2.9	7.5	1.33
MOJAVE12-NRAO85 3	9	89.5–91.8	3.3	5.8	2.07	–4.1	2.2	4.7	1.58
MOJAVE12-NRAO 140	3	88.8–91.8	2.6	3.2	1.38	—	—	—	—
MOJAVE12-OCOTILLO	3	84.2–85.2	10.6	7.6	3.87	—	—	—	—
MOJAVE12-ONSALA60	47	83.8–91.7	4.7	16.0	8.75	–6.4	.8	10.0	3.52
MOJAVE12-OVRO 130	81	83.5–88.9	.9	7.1	4.39	–2.0	.4	6.3	3.47
MOJAVE12-OVR 7853	1	87.8–87.8	1.7	—	—	—	—	—	—

Table 6.3 (continued)

Transverse Statistical Summary									
Baseline Name	Sessions		Mean Statistics			Rate Statistics			
	Num Obs	Span yr to yr	Error mm	WRMS mm	Chi Sqr	Rate mm/yr	Error mm/yr	WRMS mm	Chi Sqr
MOJAVE12-PBLOSSOM	9	83.6-88.1	10.4	22.1	29.54	15.9	1.0	3.7	.95
MOJAVE12-PENTICTN	3	90.6-90.6	1.6	3.8	.67	——	——	——	——
MOJAVE12-PIETOWN	34	88.7-91.9	1.5	4.9	16.63	6.7	.6	2.3	3.85
MOJAVE12-PINFLATS	21	83.8-90.1	4.3	15.4	20.14	10.6	.7	4.3	1.66
MOJAVE12-PLATTVIL	21	84.3-90.8	4.7	14.8	8.96	6.8	.5	4.6	.90
MOJAVE12-PRESIDIO	22	83.7-91.5	4.1	13.8	8.10	7.5	1.2	6.4	1.92
MOJAVE12-PT REYES	20	83.7-91.5	5.0	24.3	24.44	13.2	.8	5.9	1.50
MOJAVE12-PVERDES	9	83.9-90.1	13.5	52.2	141.73	30.9	.7	3.3	.65
MOJAVE12-QUINCY	20	83.5-90.8	3.1	11.1	6.70	-5.0	.7	5.8	1.95
MOJAVE12-RICHMOND	191	84.0-92.0	.7	6.2	2.26	-4.0	.5	5.4	1.76
MOJAVE12-SANPAULA	10	83.7-90.1	12.4	40.3	56.58	24.6	1.3	5.9	1.38
MOJAVE12-SANTIA12	1	91.9-91.9	8.3	——	——	——	——	——	——
MOJAVE12-SEATTLE1	3	86.7-90.6	7.8	6.1	1.66	——	——	——	——
MOJAVE12-SEST	1	90.3-90.3	9.1	——	——	——	——	——	——
MOJAVE12-SNDPOINT	10	87.6-90.5	2.5	6.7	1.35	-1.3	3.2	6.7	1.49
MOJAVE12-SOURDOGH	8	87.6-89.6	4.8	10.2	5.79	——	——	——	——
MOJAVE12-TROMSONO	1	89.6-89.6	7.2	——	——	——	——	——	——
MOJAVE12-VERNAL	8	86.2-90.8	8.4	12.7	9.12	8.1	1.6	5.5	1.95
MOJAVE12-VICTORIA	3	90.6-90.6	2.0	6.5	2.03	——	——	——	——
MOJAVE12-VNDNBERG	163	83.6-91.6	7.0	55.1	205.40	33.0	.3	6.1	2.56
MOJAVE12-WESTFORD	403	83.5-92.0	.5	5.0	2.13	.2	.2	5.0	2.13
MOJAVE12-WETTZELL	230	84.7-92.0	1.4	15.2	6.91	-9.1	.4	7.9	1.86
MOJAVE12-WHTHORSE	5	88.6-89.6	6.1	5.5	2.08	——	——	——	——
MOJAVE12-YAKATAGA	10	87.6-90.4	13.5	29.3	38.74	5.3	2.5	4.3	1.07
MOJAVE12-YLOW7296	8	91.5-91.6	2.7	5.8	2.35	——	——	——	——
MOJAVE12-YUMA	21	83.8-88.8	1.5	4.5	1.40	1.1	.9	4.3	1.37
MOJ 7288-MOJAVE12	1	87.8-87.8	2.4	——	——	——	——	——	——
MOJ 7288-OVRO 130	1	87.8-87.8	2.2	——	——	——	——	——	——
MOJ 7288-OVR 7853	1	87.8-87.8	2.3	——	——	——	——	——	——
MON PEAK-OVRO 130	20	82.8-88.8	8.9	33.3	60.86	18.0	1.0	7.8	3.55
MON PEAK-QUINCY	13	83.5-88.8	8.1	22.3	17.69	12.3	1.8	9.9	3.78
MON PEAK-VNDNBERG	26	83.9-89.4	5.2	19.4	15.60	12.3	1.2	8.5	3.10
MON PEAK-WESTFORD	2	90.9-90.9	.1	3.2	.39	——	——	——	——
MON PEAK-YUMA	8	83.8-87.9	13.8	24.9	22.97	25.7	3.0	6.8	1.97
NOME -SNDPOINT	3	84.5-86.6	8.3	7.6	2.49	——	——	——	——
NOME -VNDNBERG	7	84.5-86.6	3.0	11.2	2.29	2.2	8.7	11.2	2.71
NOME -WESTFORD	3	90.5-90.5	.1	1.2	.05	——	——	——	——
NOTO -NRAO85 3	4	89.5-91.2	3.1	12.5	3.11	——	——	——	——
NOTO -ONSALA60	7	89.4-91.7	1.9	3.5	1.72	2.2	1.8	3.0	1.58
NOTO -RICHMOND	9	89.5-91.7	8.8	17.5	5.98	-17.8	2.5	6.1	.83

Table 6.3 (continued)

Transverse Statistical Summary									
Baseline Name	Sessions		Mean Statistics			Rate Statistics			
	Num Obs	Span yr to yr	Error mm	WRMS mm	Chi Sqr	Rate mm/yr	Error mm/yr	WRMS mm	Chi Sqr
NOTO -WESTFORD	10	89.4-91.7	6.9	15.5	6.65	-14.4	2.7	7.3	1.66
NOTO -WETTZELL	21	89.4-91.7	1.4	4.2	2.05	.7	1.2	4.2	2.12
NRAO85 3-RICHMOND	104	89.3-92.0	1.3	9.0	8.33	-8.4	.7	5.9	3.62
NRAO85 3-WESTFORD	8	89.4-91.8	2.8	3.7	2.33	1.9	1.8	3.4	2.29
NRAO85 3-WETTZELL	1	91.9-91.9	6.2	—	—	—	—	—	—
NRAO 140-NRAO85 3	1	91.8-91.8	1.5	—	—	—	—	—	—
NRAO 140-ONSALA60	4	81.9-83.0	2.8	2.6	.07	—	—	—	—
NRAO 140-OVRO 130	8	79.6-88.8	6.3	6.3	2.20	.1	.8	6.3	2.56
NRAO 140-RICHMOND	1	91.8-91.8	2.0	—	—	—	—	—	—
NRAO 140-WESTFORD	7	81.9-91.8	6.4	7.3	9.11	-1.6	.3	2.7	1.50
OCOTILLO-OVRO 130	1	85.2-85.2	4.3	—	—	—	—	—	—
OCOTILLO-PVERDES	1	85.2-85.2	6.4	—	—	—	—	—	—
OCOTILLO-VNDNBERG	3	84.2-85.2	17.3	12.4	4.85	—	—	—	—
ONSALA60-OVRO 130	33	80.6-87.8	6.6	19.9	4.77	-.7	1.4	19.8	4.89
ONSALA60-RICHMOND	69	84.1-91.7	2.4	14.1	5.46	-6.4	.4	6.7	1.27
ONSALA60-ROBLED32	1	83.3-83.3	10.2	—	—	—	—	—	—
ONSALA60-SEST	3	90.3-90.4	4.6	11.8	1.27	—	—	—	—
ONSALA60-TROMSONO	4	89.6-89.6	3.0	5.5	1.95	—	—	—	—
ONSALA60-WESTFORD	154	81.8-91.7	1.0	7.6	2.17	-2.0	.2	6.2	1.46
ONSALA60-WETTZELL	136	83.6-91.7	.9	6.2	4.49	-2.3	.2	4.8	2.73
OVRO 130-PBLOSSOM	7	83.1-87.8	5.9	18.8	18.84	12.3	1.5	4.8	1.47
OVRO 130-PINFLATS	7	83.8-86.8	3.4	10.7	6.73	8.6	3.1	6.7	3.16
OVRO 130-PLATTVIL	9	83.4-88.3	9.7	13.9	8.70	9.2	1.9	6.6	2.22
OVRO 130-PRESIDIO	8	83.7-88.9	14.7	29.7	24.51	15.2	2.1	9.5	2.92
OVRO 130-PT REYES	6	83.7-88.9	14.9	36.1	28.84	17.8	3.1	11.9	3.90
OVRO 130-PVERDES	2	83.9-85.2	1.0	9.4	6.07	—	—	—	—
OVRO 130-QUINCY	14	82.8-88.8	3.9	8.7	3.75	-3.5	.8	5.5	1.65
OVRO 130-SANPAULA	1	83.7-83.7	7.9	—	—	—	—	—	—
OVRO 130-VNDNBERG	46	83.6-88.9	11.6	51.8	135.19	35.5	.8	8.1	3.36
OVRO 130-WESTFORD	29	81.5-88.8	2.9	8.0	2.70	.5	.6	7.9	2.73
OVRO 130-WETTZELL	7	85.2-87.8	11.4	23.0	16.92	-16.7	8.6	17.3	11.52
OVRO 130-YUMA	7	83.8-87.8	4.0	5.6	1.53	4.7	1.6	3.5	.70
OVR 7853-OVRO 130	1	87.8-87.8	2.4	—	—	—	—	—	—
PBLOSSOM-SANPAULA	1	88.1-88.1	10.6	—	—	—	—	—	—
PBLOSSOM-VNDNBERG	9	83.6-88.1	8.1	22.2	15.39	16.0	1.7	6.0	1.30
PENTICTN-WESTFORD	3	90.6-90.6	1.6	4.1	.63	—	—	—	—
PENTICTN-YELLOWKN	2	84.7-85.7	3.5	9.4	7.29	—	—	—	—
PIETOWN -WESTFORD	33	88.7-91.9	2.6	5.6	7.61	-6.7	.9	3.4	2.98
PIETOWN -WETTZELL	7	91.1-91.9	4.8	7.1	2.42	—	—	—	—
PINFLATS-PVERDES	3	87.2-88.1	2.2	3.3	.30	—	—	—	—

Table 6.3 (continued)

Transverse Statistical Summary									
Baseline Name	Sessions		Mean Statistics			Rate Statistics			
	Num Obs	Span yr to yr	Error mm	WRMS mm	Chi Sqr	Rate mm/yr	Error mm/yr	WRMS mm	Chi Sqr
PINFLATS-VNDNBERG	20	83.8-90.1	10.6	26.1	21.92	15.7	1.0	6.5	1.46
PINFLATS-YUMA	6	83.8-87.0	6.4	13.7	5.39	8.9	8.5	12.2	5.30
PLATTVIL-VERNAL	1	86.2-86.2	5.7	—	—	—	—	—	—
PLATTVIL-WESTFORD	11	83.4-90.8	4.6	9.6	3.62	-4.7	1.1	5.6	1.35
PRESIDIO-PT REYES	3	83.7-85.8	7.8	7.1	1.56	—	—	—	—
PRESIDIO-VNDNBERG	20	83.7-90.1	3.4	9.8	4.90	3.9	1.4	7.1	2.89
PRESIDIO-WESTFORD	6	89.8-91.5	11.5	18.3	10.83	—	—	—	—
PRESIDIO-YLOW7296	2	91.5-91.5	2.8	1.9	.26	—	—	—	—
PRESIDIO-YUMA	1	87.1-87.1	5.2	—	—	—	—	—	—
PT REYES-VNDNBERG	18	83.7-90.0	2.6	9.3	4.23	5.4	.8	4.7	1.12
PT REYES-WESTFORD	6	89.9-91.5	13.0	28.0	26.45	—	—	—	—
PT REYES-YLOW7296	2	91.5-91.5	.2	2.6	.37	—	—	—	—
PT REYES-YUMA	1	87.8-87.8	7.9	—	—	—	—	—	—
PVERDES -VNDNBERG	9	83.9-90.1	6.1	14.6	7.11	7.5	2.0	8.5	2.72
QUINCY -VNDNBERG	13	84.3-89.8	9.0	25.4	38.88	18.5	1.2	5.4	1.92
QUINCY -WESTFORD	2	89.8-89.8	4.9	4.8	1.08	—	—	—	—
RICHMOND-TROMSONO	1	89.6-89.6	6.8	—	—	—	—	—	—
RICHMOND-WESTFORD	529	84.0-92.0	.8	14.0	16.15	-6.1	.1	5.5	2.51
RICHMOND-WETTZELL	504	84.1-92.0	1.3	21.9	10.68	-9.7	.2	7.3	1.17
RICHMOND-YLOW7296	1	91.6-91.6	3.7	—	—	—	—	—	—
ROBLED32-WESTFORD	1	83.3-83.3	7.9	—	—	—	—	—	—
SANPAULA-VNDNBERG	10	83.7-90.1	6.0	17.0	7.73	9.2	1.7	8.0	1.95
SANTIA12-SESHAN25	2	92.0-92.0	13.7	8.5	.57	—	—	—	—
SANTIA12-WESTFORD	3	91.9-92.0	4.3	7.3	1.14	—	—	—	—
SANTIA12-WETTZELL	3	91.9-92.0	5.5	8.2	.72	—	—	—	—
SEATTLE1-WESTFORD	3	86.7-90.6	29.9	13.8	4.52	—	—	—	—
SESHAN25-WESTFORD	2	92.0-92.0	9.8	24.2	10.00	—	—	—	—
SESHAN25-WETTZELL	6	90.3-92.0	19.8	23.5	9.31	—	—	—	—
SEST -WESTFORD	3	90.3-90.4	.8	3.3	.15	—	—	—	—
SINTOTU -USUDA64	1	90.6-90.6	5.8	—	—	—	—	—	—
SNDPOINT-VNDNBERG	3	84.5-86.6	8.4	6.7	1.57	—	—	—	—
SNDPOINT-WESTFORD	8	88.5-90.5	3.4	4.2	.44	—	—	—	—
SOURDOGH-VNDNBERG	8	84.6-86.6	3.5	7.8	1.98	6.6	4.7	6.7	1.73
SOURDOGH-WESTFORD	6	88.6-89.6	6.2	8.8	3.07	—	—	—	—
SOURDOGH-WHTHORSE	3	84.6-86.6	5.1	11.9	5.93	—	—	—	—
SOURDOGH-YAKATAGA	4	84.6-86.6	2.3	4.4	1.25	-1.8	3.6	4.1	1.66
TROMSONO-WESTFORD	1	89.6-89.6	5.8	—	—	—	—	—	—
TROMSONO-WETTZELL	4	89.6-89.6	1.1	3.5	.62	—	—	—	—
TRYSILNO-WESTFORD	6	91.9-92.0	1.3	4.5	.94	—	—	—	—
TRYSILNO-WETTZELL	5	91.9-92.0	.6	1.4	.40	—	—	—	—

Table 6.3 (continued)

Transverse Statistical Summary

Baseline Name	Sessions		Mean Statistics			Rate Statistics			
	Num Obs	Span yr to yr	Error mm	WRMS mm	Chi Sqr	Rate mm/yr	Error mm/yr	WRMS mm	Chi Sqr
VERNAL -VNDNBERG	1	88.8–88.8	5.6	—	—	—	—	—	—
VERNAL -WESTFORD	4	89.3–90.8	1.7	6.6	1.37	—	—	—	—
VERNAL -YUMA	1	88.8–88.8	5.1	—	—	—	—	—	—
VICTORIA–WESTFORD	3	90.6–90.6	2.5	6.2	1.50	—	—	—	—
VNDNBERG–WESTFORD	12	89.8–91.6	9.7	26.5	30.18	—	—	—	—
VNDNBERG–WHTHORSE	3	84.6–86.6	5.7	6.1	1.57	—	—	—	—
VNDNBERG–YAKATAGA	4	84.6–86.6	12.2	14.7	6.43	21.2	6.7	6.0	1.60
VNDNBERG–YUMA	19	83.8–88.8	11.8	26.6	25.49	25.0	1.6	6.8	1.79
WESTFORD–WETTZELL	659	83.9–92.0	.8	14.4	7.72	-6.3	.1	5.5	1.11
WESTFORD–WHTHORSE	4	88.6–89.6	11.4	6.6	2.36	—	—	—	—
WESTFORD–YAKATAGA	7	88.6–90.4	6.6	12.9	5.59	—	—	—	—
WESTFORD–YLOW7296	8	91.5–91.6	3.5	6.5	3.07	—	—	—	—

Table 6.4

Vertical Statistical Summary

Baseline Name	Sessions		Mean Statistics			Rate Statistics			
	Num Obs	Span yr to yr	Error mm	WRMS mm	Chi Square	Rate mm/yr	Error mm/yr	WRMS mm	Chi Square
ALGOPARK-GILCREEK	27	84.7-91.6	14.4	36.1	4.13	12.9	2.5	25.0	2.06
ALGOPARK-HRAS 085	5	84.7-85.7	50.1	51.8	3.74	——	——	——	——
ALGOPARK-KAUAI	7	90.5-91.6	36.4	45.6	3.82	——	——	——	——
ALGOPARK-KODIAK	3	90.5-90.5	.4	3.8	.02	——	——	——	——
ALGOPARK-MATERA	3	91.4-91.6	9.5	16.0	.70	——	——	——	——
ALGOPARK-MOJAVE12	29	85.6-91.6	9.2	28.8	2.87	17.6	4.6	23.1	1.92
ALGOPARK-NRA085 3	7	90.5-91.6	13.5	26.6	1.54	——	——	——	——
ALGOPARK-PENTICTN	6	84.7-90.6	31.0	58.2	1.42	-12.2	9.9	49.5	1.29
ALGOPARK-RICHMOND	15	90.5-91.6	14.0	30.1	3.02	——	——	——	——
ALGOPARK-SNDPOINT	3	90.5-90.5	8.7	19.4	.40	——	——	——	——
ALGOPARK-VICTORIA	3	90.6-90.6	17.7	30.9	.65	——	——	——	——
ALGOPARK-WESTFORD	29	84.7-91.6	5.6	19.8	2.24	1.1	2.4	19.8	2.31
ALGOPARK-WETTZELL	12	90.5-91.6	7.2	20.2	1.41	——	——	——	——
ALGOPARK-YELLOWKN	2	84.7-85.7	.1	1.3	.00	——	——	——	——
ALGOPARK-YLOW7296	2	91.5-91.6	.0	.5	.00	——	——	——	——
AUSTINTX-HRAS 085	1	87.5-87.5	.5	——	——	——	——	——	——
AUSTINTX-RICHMOND	1	87.5-87.5	.5	——	——	——	——	——	——
AUSTINTX-WESTFORD	1	87.5-87.5	.5	——	——	——	——	——	——
BERMUDA -MARPOINT	3	87.6-87.6	149.0	77.5	7.38	——	——	——	——
BERMUDA -RICHMOND	4	87.6-87.6	77.4	70.2	3.65	——	——	——	——
BERMUDA -WESTFORD	4	87.6-87.6	25.5	33.2	1.77	——	——	——	——
BLKBUTTE-ELY	2	88.8-88.8	18.5	21.4	.75	——	——	——	——
BLKBUTTE-HATCREEK	5	87.1-88.8	80.9	76.5	4.46	——	——	——	——
BLKBUTTE-HRAS 085	5	83.9-88.8	22.1	37.1	1.42	-12.3	16.9	34.2	1.61
BLKBUTTE-MOJAVE12	12	83.9-88.8	17.3	45.8	1.57	-7.6	11.9	44.9	1.66
BLKBUTTE-MON PEAK	4	83.9-86.8	33.0	47.1	1.48	-2.1	62.3	47.0	2.22
BLKBUTTE-OCOTILLO	2	84.2-85.0	42.5	57.9	.54	——	——	——	——
BLKBUTTE-OVRO 130	3	86.4-87.8	49.1	44.6	2.42	——	——	——	——
BLKBUTTE-PRESIDIO	2	87.4-87.8	356.0	113.2	9.89	——	——	——	——
BLKBUTTE-PT REYES	1	87.1-87.1	113.2	——	——	——	——	——	——
BLKBUTTE-VNDNBERG	12	83.9-88.8	21.9	53.5	1.85	5.5	15.3	53.1	2.01
BLOOMIND-HRAS 085	1	87.6-87.6	16.1	——	——	——	——	——	——
BLOOMIND-WESTFORD	1	87.6-87.6	16.1	——	——	——	——	——	——
BREST -MOJAVE12	2	89.7-89.7	49.6	32.4	2.33	——	——	——	——
BREST -NOTO	4	89.7-89.7	43.2	42.0	3.18	——	——	——	——
BREST -ONSALA60	1	89.7-89.7	24.2	——	——	——	——	——	——
BREST -RICHMOND	1	89.7-89.7	24.2	——	——	——	——	——	——
BREST -WESTFORD	2	89.7-89.7	34.4	26.6	1.68	——	——	——	——
BREST -WETTZELL	4	89.7-89.7	46.5	41.2	3.82	——	——	——	——
CARNUSTY-MOJAVE12	1	89.6-89.6	23.8	——	——	——	——	——	——

Table 6.4 (continued)

Vertical Statistical Summary

Baseline Name	Sessions		Mean Statistics			Rate Statistics			
	Num Obs	Span yr to yr	Error mm	WRMS mm	Chi Square	Rate mm/yr	Error mm/yr	WRMS mm	Chi Square
CARNUSTY-RICHMOND	1	89.6-89.6	23.8	—	—	—	—	—	—
CARNUSTY-WESTFORD	1	89.6-89.6	23.8	—	—	—	—	—	—
CARNUSTY-WETTZELL	4	89.6-89.6	10.9	23.9	.62	—	—	—	—
CARROLGA-HRAS 085	1	87.5-87.5	13.8	—	—	—	—	—	—
CARROLGA-RICHMOND	1	87.5-87.5	13.8	—	—	—	—	—	—
CARROLGA-WESTFORD	1	87.5-87.5	13.8	—	—	—	—	—	—
CHLBOLTN-HAYSTACK	7	80.8-80.8	78.1	77.2	6.15	—	—	—	—
CHLBOLTN-HRAS 085	7	80.8-80.8	62.7	84.6	3.29	—	—	—	—
CHLBOLTN-ONSALA60	7	80.8-80.8	44.8	53.9	4.15	—	—	—	—
CHLBOLTN-OVRO 130	6	80.8-80.8	100.7	89.3	6.36	—	—	—	—
DEADMANL-JPL MV1	1	88.1-88.1	39.9	—	—	—	—	—	—
DEADMANL-MOJAVE12	5	84.2-88.1	35.4	48.4	2.14	54.0	28.6	32.7	1.30
DEADMANL-SANPAULA	4	84.2-87.9	70.2	83.9	2.10	77.8	50.5	56.7	1.44
DEADMANL-VNDNBERG	5	84.2-88.1	60.9	76.2	2.56	99.4	24.2	29.6	.51
DSS15 -GILCREEK	2	88.9-89.6	44.9	20.6	4.74	—	—	—	—
DSS15 -GOLDVENU	1	87.8-87.8	20.6	—	—	—	—	—	—
DSS15 -HAYSTACK	2	88.9-89.6	18.9	13.2	2.07	—	—	—	—
DSS15 -MOJAVE12	1	87.8-87.8	13.2	—	—	—	—	—	—
DSS15 -MOJ 7288	1	87.8-87.8	13.2	—	—	—	—	—	—
DSS15 -OVRO 130	2	87.8-88.9	7.8	8.4	.87	—	—	—	—
DSS15 -OVR 7853	1	87.8-87.8	8.4	—	—	—	—	—	—
DSS15 -YAKATAGA	1	89.6-89.6	8.4	—	—	—	—	—	—
DSS45 -GILCREEK	13	88.5-91.7	24.7	37.3	5.23	26.7	8.1	26.4	2.86
DSS45 -HARTRAO	4	91.3-91.9	11.6	20.5	.97	—	—	—	—
DSS45 -HOBART26	8	89.9-91.9	2.7	10.0	.52	8.7	5.5	8.4	.42
DSS45 -KASHIM34	5	90.2-91.7	30.4	30.3	4.04	—	—	—	—
DSS45 -KASHIMA	11	88.5-91.4	20.7	33.4	3.82	19.0	12.3	29.7	3.36
DSS45 -KAUAI	15	88.4-91.7	10.0	25.3	2.18	8.2	7.2	24.1	2.14
DSS45 -KWAJAL26	3	88.5-88.6	18.0	29.5	.75	—	—	—	—
DSS45 -MEDICINA	1	91.8-91.8	20.8	—	—	—	—	—	—
DSS45 -MOJAVE12	1	88.4-88.4	20.8	—	—	—	—	—	—
DSS45 -SANTIA12	1	91.9-91.9	20.8	—	—	—	—	—	—
DSS45 -SESHAN25	16	88.5-91.8	25.2	43.6	4.99	1.2	12.0	43.6	5.35
DSS45 -WETTZELL	2	91.3-91.5	158.3	40.3	5.41	—	—	—	—
DSS65 -EFLSBERG	1	91.9-91.9	40.3	—	—	—	—	—	—
DSS65 -HRAS 085	1	88.8-88.8	40.3	—	—	—	—	—	—
DSS65 -MATERA	6	90.4-91.9	76.0	35.8	2.51	—	—	—	—
DSS65 -MEDICINA	10	88.7-91.9	7.5	13.2	2.90	3.9	3.9	12.4	2.90
DSS65 -MOJAVE12	1	88.8-88.8	4.4	—	—	—	—	—	—
DSS65 -NOTO	5	89.4-91.7	17.3	15.6	4.92	-5.2	11.6	15.1	6.15

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Table 6.4 (continued)

Vertical Statistical Summary									
Baseline Name	Sessions		Mean Statistics			Rate Statistics			
	Num Obs	Span yr to yr	Error mm	WRMS mm	Chi Square	Rate mm/yr	Error mm/yr	WRMS mm	Chi Square
DSS65 –ONSALA60	10	88.8–91.7	9.4	14.8	3.64	.6	5.4	14.8	4.08
DSS65 –RICHMOND	3	88.7–89.0	14.0	18.8	1.11	——	——	——	——
DSS65 –WESTFORD	5	88.7–89.4	1.1	5.4	.16	——	——	——	——
DSS65 –WETTZELL	12	88.7–91.9	8.6	14.1	4.09	6.0	3.7	12.5	3.55
EFLSBERG–HAYSTACK	7	79.9–83.3	12.9	35.5	.80	2.3	13.4	35.4	.95
EFLSBERG–HRAS 085	6	80.6–83.3	54.9	75.3	2.65	.1	33.9	75.3	3.32
EFLSBERG–MATERA	1	91.9–91.9	33.7	——	——	——	——	——	——
EFLSBERG–MEDICINA	1	91.9–91.9	33.7	——	——	——	——	——	——
EFLSBERG–NRAO 140	1	79.9–79.9	33.7	——	——	——	——	——	——
EFLSBERG–ONSALA60	6	80.6–83.3	6.1	16.8	.66	–8.0	5.8	13.9	.56
EFLSBERG–OVRO 130	6	79.9–80.7	19.8	40.8	1.17	——	——	——	——
EFLSBERG–ROBLED32	1	83.3–83.3	18.2	——	——	——	——	——	——
EFLSBERG–WESTFORD	1	83.3–83.3	18.2	——	——	——	——	——	——
EFLSBERG–WETTZELL	1	91.9–91.9	18.2	——	——	——	——	——	——
ELY –HATCREEK	9	85.3–89.3	19.3	42.2	1.67	–24.0	8.2	28.2	.86
ELY –HRAS 085	10	84.3–89.3	7.5	28.1	.64	–1.3	7.2	28.1	.72
ELY –MOJAVE12	12	84.3–90.8	16.2	40.7	1.75	6.6	8.9	39.7	1.82
ELY –OVRO 130	1	86.3–86.3	12.3	——	——	——	——	——	——
ELY –PLATTVIL	3	84.3–86.3	23.9	42.1	.64	——	——	——	——
ELY –VNDNBERG	5	87.4–88.8	3.7	14.2	.27	——	——	——	——
ELY –WESTFORD	4	89.3–90.8	24.7	41.0	1.09	——	——	——	——
ELY –YUMA	3	87.4–88.3	28.3	44.2	.82	——	——	——	——
FD–VLBA –HRAS 085	4	91.3–91.4	1.1	2.2	.78	——	——	——	——
FLAGSTAF–HATCREEK	8	84.3–90.9	32.5	57.9	2.21	8.3	10.2	54.9	2.32
FLAGSTAF–HRAS 085	6	84.3–88.8	25.8	46.4	1.55	12.5	18.1	43.8	1.73
FLAGSTAF–MOJAVE12	8	84.3–90.9	20.3	43.0	1.56	14.1	7.0	33.2	1.09
FLAGSTAF–PLATTVIL	4	84.3–88.8	49.8	60.5	2.04	.7	36.2	60.5	3.06
FLAGSTAF–VERNAL	2	87.3–88.3	7.1	14.9	.23	——	——	——	——
FLAGSTAF–WESTFORD	2	90.8–90.9	27.2	28.8	.89	——	——	——	——
FORTORDS–GILCREEK	17	88.9–91.6	14.9	44.2	1.81	26.3	15.4	36.4	1.40
FORTORDS–HATCREEK	16	88.9–90.1	10.0	34.5	1.26	——	——	——	——
FORTORDS–HAYSTACK	1	89.8–89.8	8.9	——	——	——	——	——	——
FORTORDS–MOJAVE12	19	88.9–91.6	9.9	36.0	1.38	10.9	14.2	34.8	1.44
FORTORDS–OVRO 130	2	88.9–88.9	65.1	44.3	2.16	——	——	——	——
FORTORDS–PRESIDIO	3	89.8–89.9	63.4	60.2	2.21	——	——	——	——
FORTORDS–PT REYES	5	88.9–89.9	9.8	29.4	.45	——	——	——	——
FORTORDS–QUINCY	2	89.8–89.8	9.0	18.3	.24	——	——	——	——
FORTORDS–VNDNBERG	17	88.9–90.1	12.7	41.2	1.53	——	——	——	——
FORTORDS–WESTFORD	11	89.8–91.6	17.2	40.3	1.83	——	——	——	——
FORTORDS–YLOW7296	2	91.6–91.6	120.2	50.0	5.79	——	——	——	——

Table 6.4 (continued)

Vertical Statistical Summary

Baseline Name	Sessions		Mean Statistics			Rate Statistics			
	Num Obs	Span yr to yr	Error mm	WRMS mm	Chi Square	Rate mm/yr	Error mm/yr	WRMS mm	Chi Square
FORT ORD–GILCREEK	4	88.1–88.1	4.0	16.0	.19	———	———	———	———
FORT ORD–HATCREEK	10	84.2–88.1	76.7	96.1	5.72	24.8	26.8	91.4	5.82
FORT ORD–HRAS 085	4	85.2–87.8	18.4	34.9	.83	2.0	22.9	34.9	1.24
FORT ORD–JPL MV1	1	87.8–87.8	20.2	———	———	———	———	———	———
FORT ORD–MOJAVE12	11	83.7–88.1	21.1	48.5	1.88	4.3	12.1	48.2	2.06
FORT ORD–MON PEAK	1	87.1–87.1	15.3	———	———	———	———	———	———
FORT ORD–OVRO 130	5	83.7–87.8	17.1	37.4	.84	–3.7	13.9	37.0	1.09
FORT ORD–PRESIDIO	4	83.7–88.1	67.1	66.4	3.07	12.6	29.1	63.5	4.21
FORT ORD–PT REYES	3	87.4–88.1	119.4	78.2	4.67	———	———	———	———
FORT ORD–VNDNBERG	11	83.7–88.1	19.1	48.9	1.52	14.5	11.7	45.2	1.45
FTD 7900–HRAS 085	1	88.8–88.8	15.4	———	———	———	———	———	———
FTD 7900–MOJAVE12	1	88.8–88.8	15.4	———	———	———	———	———	———
FTD 7900–PIETOWN	1	88.8–88.8	15.4	———	———	———	———	———	———
FTD 7900–WESTFORD	1	88.8–88.8	15.4	———	———	———	———	———	———
GILCREEK–GOLDVENU	4	88.5–91.6	13.1	15.0	2.27	9.1	7.5	11.4	1.96
GILCREEK–HALEAKAL	3	88.5–88.5	31.8	36.2	1.55	———	———	———	———
GILCREEK–HARTRAO	4	90.4–92.0	4.7	11.4	.52	———	———	———	———
GILCREEK–HATCREEK	65	85.4–90.8	6.7	33.2	2.61	8.9	2.6	30.4	2.23
GILCREEK–HAYSTACK	23	84.7–91.6	4.8	12.8	3.09	–7.1	4.6	12.1	2.91
GILCREEK–HOBART26	29	89.7–92.0	10.9	33.6	2.96	–37.5	5.9	21.2	1.23
GILCREEK–HRAS 085	55	84.7–89.5	6.8	31.8	2.47	–2.8	4.6	31.7	2.50
GILCREEK–KASHIM34	22	90.2–92.0	9.1	26.9	2.42	———	———	———	———
GILCREEK–KASHIMA	117	84.6–91.9	8.3	44.2	4.14	16.8	1.8	33.2	2.37
GILCREEK–KAUAI	236	84.5–92.0	3.0	28.0	2.60	.0	1.1	28.0	2.61
GILCREEK–KODIAK	15	84.6–90.5	12.5	39.7	1.40	–5.2	8.3	39.1	1.46
GILCREEK–KWAJAL26	19	84.5–88.6	22.5	54.3	3.08	19.2	7.9	46.8	2.42
GILCREEK–LA–VLBA	11	91.4–91.9	11.6	16.3	5.10	———	———	———	———
GILCREEK–MARCUS	1	90.5–90.5	5.1	———	———	———	———	———	———
GILCREEK–MARPOINT	24	88.1–89.6	13.2	49.9	1.60	———	———	———	———
GILCREEK–MATERA	15	90.8–91.9	11.9	30.8	2.10	———	———	———	———
GILCREEK–MEDICINA	3	89.0–91.2	2.4	5.7	.36	———	———	———	———
GILCREEK–MIZUSGSI	1	91.9–91.9	4.0	———	———	———	———	———	———
GILCREEK–MOJAVE12	266	84.5–91.9	1.5	17.8	1.92	3.0	.7	17.3	1.81
GILCREEK–NOBEY 6M	7	89.9–91.5	50.7	67.9	3.34	———	———	———	———
GILCREEK–NOME	10	84.5–90.5	9.5	33.6	.72	–2.2	5.0	33.2	.79
GILCREEK–NOTO	4	89.5–91.2	24.8	29.7	2.10	———	———	———	———
GILCREEK–NRAO85 3	135	89.1–92.0	2.9	25.9	1.72	–11.6	2.7	24.3	1.53
GILCREEK–NRAO 140	1	90.7–90.7	2.2	———	———	———	———	———	———
GILCREEK–ONSALA60	12	85.5–91.6	25.6	34.2	6.19	–15.0	3.3	19.4	2.19
GILCREEK–OVRO 130	12	85.4–88.9	19.8	36.1	3.31	16.3	10.4	32.4	2.92

Table 6.4 (continued)

Vertical Statistical Summary									
Baseline Name	Sessions		Mean Statistics			Rate Statistics			
	Num Obs	Span yr to yr	Error mm	WRMS mm	Chi Square	Rate mm/yr	Error mm/yr	WRMS mm	Chi Square
GILCREEK-PENTICTN	5	84.7–90.6	71.0	79.6	3.18	–31.2	3.6	15.6	.16
GILCREEK-PIETOWN	31	89.6–91.9	5.1	13.1	4.52	10.8	3.3	11.2	3.40
GILCREEK-PINFLATS	2	90.1–90.1	45.9	33.0	1.94	———	———	———	———
GILCREEK-PLATTVIL	10	85.4–90.8	23.6	43.2	2.68	–3.0	9.3	42.9	2.98
GILCREEK-PRESIDIO	10	88.1–91.5	11.4	34.2	.99	11.1	18.1	33.3	1.21
GILCREEK-PT REYES	12	88.1–91.5	17.1	44.1	1.66	–29.4	7.1	26.9	.68
GILCREEK-PVERDES	2	90.1–90.1	14.6	18.1	.65	———	———	———	———
GILCREEK-QUINCY	4	89.8–90.8	4.3	16.6	.20	———	———	———	———
GILCREEK-RICHMOND	139	87.3–92.0	4.4	35.3	2.17	–10.6	3.0	33.8	2.00
GILCREEK-SANPAULA	2	90.1–90.1	9.1	16.0	.33	———	———	———	———
GILCREEK-SANTIA12	2	92.0–92.0	.4	2.6	.02	———	———	———	———
GILCREEK-SEATTLE1	2	90.6–90.6	168.6	74.5	5.12	———	———	———	———
GILCREEK-SESHAN25	17	88.3–92.0	11.6	30.3	2.33	6.9	6.7	29.3	2.32
GILCREEK-SEST	2	90.4–90.4	11.6	14.7	.63	———	———	———	———
GILCREEK-SHANGHAI	1	86.5–86.5	14.7	———	———	———	———	———	———
GILCREEK-SNDPOINT	13	84.5–90.5	10.6	36.2	1.04	6.2	8.1	35.2	1.07
GILCREEK-SOURDOGH	16	84.6–89.6	13.0	39.5	1.62	4.9	13.8	38.8	1.81
GILCREEK-TRYSILNO	6	91.9–92.0	4.3	13.7	.50	———	———	———	———
GILCREEK-VICTORIA	3	90.6–90.6	4.7	15.9	.17	———	———	———	———
GILCREEK-VNDNBERG	80	84.5–91.6	5.0	31.3	2.00	–4.0	2.0	30.5	1.93
GILCREEK-WESTFORD	166	84.7–92.0	4.3	24.6	5.03	–12.9	1.1	18.0	2.70
GILCREEK-WETTZELL	34	84.7–92.0	12.0	26.5	6.72	–15.3	2.1	16.5	2.68
GILCREEK-WHTHORSE	9	84.6–89.6	38.7	58.7	3.48	14.5	19.4	56.5	3.68
GILCREEK-YAKATAGA	16	84.6–90.4	21.1	52.3	2.43	–38.9	12.2	36.6	1.37
GILCREEK-YELLOWKN	2	84.7–85.7	25.8	26.4	.96	———	———	———	———
GILCREEK-YLOW7296	8	91.5–91.6	3.0	10.5	.57	———	———	———	———
GOLDVENU-HAYSTACK	4	81.9–91.6	69.5	35.0	1.84	–11.9	9.5	26.2	9.95
GOLDVENU-HRAS 085	3	81.9–82.8	7.6	18.9	.32	———	———	———	———
GOLDVENU-KASHIM34	1	90.6–90.6	13.4	———	———	———	———	———	———
GOLDVENU-KASHIMA	1	91.6–91.6	13.4	———	———	———	———	———	———
GOLDVENU-MEDICINA	2	90.6–91.2	2.7	4.6	.34	———	———	———	———
GOLDVENU-MOJAVE12	5	83.7–88.5	9.7	12.7	2.33	4.3	2.9	9.7	1.82
GOLDVENU-MOJ 7288	1	87.8–87.8	6.3	———	———	———	———	———	———
GOLDVENU-NRAO 140	1	81.9–81.9	6.3	———	———	———	———	———	———
GOLDVENU-ONSALA60	6	81.9–91.6	46.4	39.4	6.92	–16.3	3.7	16.1	1.45
GOLDVENU-OVRO 130	6	81.9–87.8	9.1	21.7	.88	.2	4.1	21.7	1.10
GOLDVENU-OVR 7853	1	87.8–87.8	9.7	———	———	———	———	———	———
GOLDVENU-PRESIDIO	1	83.7–83.7	9.7	———	———	———	———	———	———
GOLDVENU-PT REYES	1	83.7–83.7	9.7	———	———	———	———	———	———
GOLDVENU-QUINCY	1	82.8–82.8	9.7	———	———	———	———	———	———

Table 6.4 (continued)

Vertical Statistical Summary									
Baseline Name	Sessions		Mean Statistics			Rate Statistics			
	Num Obs	Span yr to yr	Error mm	WRMS mm	Chi Square	Rate mm/yr	Error mm/yr	WRMS mm	Chi Square
GOLDVENU-VNDNBERG	1	83.7–83.7	9.7	—	—	—	—	—	—
GOLDVENU-WESTFORD	4	81.9–88.5	50.8	42.2	4.33	-12.7	4.8	20.0	1.46
GORF7102-HRAS 085	1	89.4–89.4	24.4	—	—	—	—	—	—
GORF7102-MARPOINT	2	89.4–89.4	5.2	10.5	.24	—	—	—	—
GORF7102-MOJAVE12	5	89.8–91.9	24.8	32.6	2.33	39.3	4.8	6.7	.13
GORF7102-NRAO85 3	4	89.4–91.7	24.4	26.1	2.62	20.8	15.7	19.0	2.09
GORF7102-RICHMOND	6	89.4–91.7	16.0	27.3	1.72	23.4	6.9	13.8	.55
GORF7102-SANTIA12	1	91.9–91.9	12.2	—	—	—	—	—	—
GORF7102-WESTFORD	7	89.4–91.9	18.7	30.1	2.31	27.6	6.0	13.1	.53
GORF7102-WETTZELL	1	91.9–91.9	12.3	—	—	—	—	—	—
GRASSE -MOJAVE12	1	89.7–89.7	12.3	—	—	—	—	—	—
GRASSE -NOTO	2	89.7–89.7	18.8	17.2	1.20	—	—	—	—
GRASSE -RICHMOND	1	89.7–89.7	17.2	—	—	—	—	—	—
GRASSE -WESTFORD	1	89.7–89.7	17.2	—	—	—	—	—	—
GRASSE -WETTZELL	4	89.7–89.7	7.0	13.0	.87	—	—	—	—
HALEAKAL-KAUAI	3	88.5–88.5	48.4	41.4	2.73	—	—	—	—
HALEAKAL-MOJAVE12	3	88.5–88.5	12.8	23.6	.59	—	—	—	—
HARTRAO -HOBART26	27	90.0–92.0	18.8	63.1	2.32	—	—	—	—
HARTRAO -HRAS 085	6	87.1–89.2	9.6	24.0	.79	5.5	26.0	23.9	.98
HARTRAO -KASHIM34	6	90.4–92.0	32.6	36.2	4.06	—	—	—	—
HARTRAO -KASHIMA	2	90.3–90.4	70.7	35.1	4.06	—	—	—	—
HARTRAO -KAUAI	4	90.4–92.0	76.6	39.3	1.40	—	—	—	—
HARTRAO -MATERA	1	91.9–91.9	22.7	—	—	—	—	—	—
HARTRAO -MEDICINA	5	88.0–91.8	51.2	57.1	3.22	29.7	25.6	47.4	2.96
HARTRAO -MOJAVE12	23	90.0–91.9	8.0	25.3	2.20	—	—	—	—
HARTRAO -NOTO	4	91.4–91.7	47.3	45.2	3.29	—	—	—	—
HARTRAO -NRAO85 3	1	91.9–91.9	26.1	—	—	—	—	—	—
HARTRAO -ONSALA60	7	86.0–90.4	71.1	71.9	5.86	40.0	7.7	28.3	1.09
HARTRAO -RICHMOND	40	86.0–91.9	8.4	35.5	2.18	7.4	3.1	33.1	1.94
HARTRAO -SANTIA12	4	91.9–92.0	1.3	8.4	.07	—	—	—	—
HARTRAO -SESHAN25	7	90.3–92.0	22.0	36.4	2.19	—	—	—	—
HARTRAO -SEST	2	90.4–90.4	.9	5.4	.03	—	—	—	—
HARTRAO -WESTFORD	50	86.0–92.0	12.1	45.9	3.39	14.8	3.2	38.3	2.41
HARTRAO -WETTZELL	46	86.0–92.0	19.0	57.8	4.87	18.9	3.7	45.7	3.11
HATCREEK-HAYSTACK	2	84.3–89.8	11.3	14.5	.60	—	—	—	—
HATCREEK-HRAS 085	62	83.4–89.4	7.1	39.4	1.97	-2.5	3.1	39.2	1.98
HATCREEK-JPL MV1	2	83.5–87.8	5.4	12.8	.18	—	—	—	—
HATCREEK-KASHIM34	1	90.8–90.8	12.8	—	—	—	—	—	—
HATCREEK-KASHIMA	16	84.2–90.1	37.3	53.9	7.19	25.9	5.7	34.3	3.13
HATCREEK-KAUAI	17	85.4–90.8	10.9	29.6	2.16	9.0	4.4	26.2	1.80

Table 6.4 (continued)

Vertical Statistical Summary									
Baseline Name	Sessions		Mean Statistics			Rate Statistics			
	Num Obs	Span yr to yr	Error mm	WRMS mm	Chi Square	Rate mm/yr	Error mm/yr	WRMS mm	Chi Square
HATCREEK-KODIAK	2	87.5-87.5	42.3	33.6	1.59	——	——	——	——
HATCREEK-MAMMOTHL	1	83.5-83.5	33.6	——	——	——	——	——	——
HATCREEK-MOJAVE12	139	83.5-90.9	4.0	31.3	2.20	2.1	1.6	31.1	2.19
HATCREEK-MON PEAK	24	83.5-90.9	14.5	50.1	1.91	5.7	6.3	49.2	1.93
HATCREEK-OVRO 130	38	83.4-88.9	13.9	49.8	2.90	15.8	4.4	42.7	2.19
HATCREEK-PINFLATS	2	90.1-90.1	3.1	8.6	.13	——	——	——	——
HATCREEK-PLATTVIL	22	83.4-90.8	20.8	55.6	2.93	-4.8	6.4	54.8	2.99
HATCREEK-PRESIDIO	14	85.8-90.1	22.6	53.3	2.34	21.8	13.5	43.2	1.82
HATCREEK-PT REYES	16	84.2-90.0	26.5	61.7	2.77	-3.1	13.1	61.6	2.96
HATCREEK-PVERDES	4	89.1-90.1	12.3	24.9	.73	——	——	——	——
HATCREEK-QUINCY	17	83.5-90.8	16.7	45.7	2.13	2.9	6.9	45.5	2.25
HATCREEK-SANPAULA	4	89.1-90.1	43.0	48.2	2.38	——	——	——	——
HATCREEK-SNDPOINT	1	87.6-87.6	27.8	——	——	——	——	——	——
HATCREEK-VERNAL	8	86.2-90.8	9.4	28.7	.74	-4.5	8.1	28.0	.82
HATCREEK-VNDNBERG	92	84.2-90.1	6.6	36.9	2.94	-5.3	3.0	36.3	2.87
HATCREEK-WESTFORD	32	83.4-90.9	11.4	37.4	2.90	-15.9	3.9	29.9	1.91
HATCREEK-YAKATAGA	3	87.6-87.6	3.7	14.2	.14	——	——	——	——
HATCREEK-YUMA	12	85.2-88.8	14.7	40.7	1.43	-6.3	13.8	40.3	1.54
HAYSTACK-HRAS 085	36	80.3-89.5	13.7	56.5	2.07	10.4	3.2	49.3	1.62
HAYSTACK-KASHIM34	1	90.6-90.6	9.6	——	——	——	——	——	——
HAYSTACK-KASHIMA	3	84.7-91.6	305.7	85.3	5.71	——	——	——	——
HAYSTACK-KODIAK	1	89.5-89.5	60.3	——	——	——	——	——	——
HAYSTACK-MARPOINT	2	82.5-82.5	4.8	8.9	.29	——	——	——	——
HAYSTACK-MEDICINA	2	90.6-91.2	12.1	9.3	1.69	——	——	——	——
HAYSTACK-MOJAVE12	24	84.3-89.8	3.5	11.2	2.30	7.0	2.3	9.4	1.70
HAYSTACK-NRAO 140	5	79.6-81.9	20.1	24.3	2.73	-21.6	10.6	15.8	1.53
HAYSTACK-ONSALA60	42	80.6-91.6	7.7	35.2	1.94	-2.4	1.3	33.7	1.82
HAYSTACK-OVRO 130	29	79.6-88.9	21.6	57.4	3.97	15.7	2.3	35.2	1.54
HAYSTACK-PIETOWN	13	89.6-89.8	3.0	6.9	2.29	——	——	——	——
HAYSTACK-PLATTVIL	1	84.3-84.3	2.0	——	——	——	——	——	——
HAYSTACK-PRESIDIO	1	89.8-89.8	2.0	——	——	——	——	——	——
HAYSTACK-ROBLED32	1	83.3-83.3	2.0	——	——	——	——	——	——
HAYSTACK-VNDNBERG	1	89.8-89.8	2.0	——	——	——	——	——	——
HAYSTACK-WESTFORD	26	81.4-89.8	.7	4.3	.66	-.1	.6	4.3	.69
HAYSTACK-WETTZELL	6	84.7-86.7	25.6	33.4	2.93	-32.1	15.2	23.0	1.73
HAYSTACK-YAKATAGA	1	89.6-89.6	14.9	——	——	——	——	——	——
HOBART26-KASHIM34	18	90.2-92.0	18.5	42.6	3.20	——	——	——	——
HOBART26-KASHIMA	9	89.7-90.5	11.3	23.4	1.86	——	——	——	——
HOBART26-KAUAI	14	89.7-92.0	22.0	40.1	3.89	41.2	11.5	27.9	2.04
HOBART26-MOJAVE12	20	90.0-91.9	11.0	31.6	2.29	——	——	——	——

Table 6.4 (continued)

Vertical Statistical Summary									
Baseline Name	Sessions		Mean Statistics			Rate Statistics			
	Num Obs	Span yr to yr	Error mm	WRMS mm	Chi Square	Rate mm/yr	Error mm/yr	WRMS mm	Chi Square
HOBART26-NOBEY 6M	4	90.2-91.5	42.3	48.1	2.32	—	—	—	—
HOBART26-ONSALA60	2	90.4-90.4	4.2	6.7	.40	—	—	—	—
HOBART26-SANTIA12	4	91.9-92.0	14.2	24.6	1.00	—	—	—	—
HOBART26-SESHAN25	9	90.0-92.0	16.9	30.5	2.45	—	—	—	—
HOBART26-SEST	2	90.4-90.4	64.8	39.9	2.64	—	—	—	—
HOBART26-WESTFORD	4	90.4-92.0	13.6	16.5	2.04	—	—	—	—
HOBART26-WETTZELL	4	91.3-92.0	46.7	32.1	6.32	—	—	—	—
HOHENFRG-MOJAVE12	2	89.5-89.5	4.1	9.3	.20	—	—	—	—
HOHENFRG-NOTO	5	89.5-89.5	6.6	15.6	.72	—	—	—	—
HOHENFRG-RICHMOND	2	89.5-89.5	1.8	6.2	.08	—	—	—	—
HOHENFRG-WESTFORD	2	89.5-89.5	1.1	4.7	.06	—	—	—	—
HOHENFRG-WETTZELL	5	89.5-89.5	9.8	17.5	1.26	—	—	—	—
HRAS 085-JPL MV1	3	82.8-87.8	68.6	64.0	2.30	—	—	—	—
HRAS 085-KASHIMA	27	87.3-89.5	12.1	50.5	1.50	44.1	12.4	41.1	1.04
HRAS 085-KODIAK	1	89.5-89.5	9.9	—	—	—	—	—	—
HRAS 085-LEONRDOK	1	87.6-87.6	9.9	—	—	—	—	—	—
HRAS 085-MAMMOTHL	1	83.5-83.5	9.9	—	—	—	—	—	—
HRAS 085-MARPOINT	3	82.8-89.4	20.0	26.4	1.15	—	—	—	—
HRAS 085-MCD 7850	1	88.8-88.8	18.7	—	—	—	—	—	—
HRAS 085-MEDICINA	12	87.3-89.1	6.0	22.6	.77	—	—	—	—
HRAS 085-MILESMON	1	88.3-88.3	6.8	—	—	—	—	—	—
HRAS 085-MOJAVE12	134	83.5-90.8	2.6	24.2	1.50	5.8	1.1	22.1	1.26
HRAS 085-MON PEAK	33	82.8-89.4	8.9	44.9	1.26	8.4	4.6	42.7	1.18
HRAS 085-NRAO85 3	1	89.4-89.4	7.9	—	—	—	—	—	—
HRAS 085-NRAO 140	6	80.3-88.8	55.6	48.5	6.55	-9.1	5.4	37.1	4.79
HRAS 085-ONSALA60	107	80.6-89.4	5.8	45.6	1.72	-8.3	1.7	41.2	1.41
HRAS 085-OVRO 130	73	80.3-88.8	6.5	41.5	1.77	2.0	1.9	41.2	1.77
HRAS 085-PENTICTN	3	84.7-85.7	163.8	113.0	4.20	—	—	—	—
HRAS 085-PIETOWN	3	88.7-88.8	1.7	4.3	.32	—	—	—	—
HRAS 085-PINFLATS	5	85.8-87.0	24.3	43.3	1.26	—	—	—	—
HRAS 085-PLATTVIL	20	83.4-89.3	18.8	51.5	2.53	-9.9	7.4	49.1	2.42
HRAS 085-PRESIDIO	4	85.2-87.1	39.3	50.5	1.81	—	—	—	—
HRAS 085-PT REYES	2	85.2-85.8	.4	3.6	.01	—	—	—	—
HRAS 085-QUINCY	14	82.8-89.3	21.2	52.4	2.12	-3.5	8.5	52.1	2.26
HRAS 085-RICHMOND	350	84.0-90.8	2.2	36.2	1.26	-3.1	1.1	35.8	1.24
HRAS 085-ROBLED32	1	83.3-83.3	1.9	—	—	—	—	—	—
HRAS 085-VERNAL	6	86.2-89.3	35.6	48.0	2.75	-9.6	21.1	46.9	3.27
HRAS 085-VNDNBERG	44	83.9-89.4	11.8	47.5	2.66	14.5	5.0	43.4	2.28
HRAS 085-WESTFORD	597	81.4-90.8	2.1	37.8	1.89	-10.9	.7	31.9	1.35
HRAS 085-WETTZELL	415	83.9-90.8	1.5	30.0	1.00	-1.6	.9	29.9	.99

Table 6.4 (continued)

Vertical Statistical Summary

Baseline Name	Sessions		Mean Statistics			Rate Statistics			
	Num Obs	Span yr to yr	Error mm	WRMS mm	Chi Square	Rate mm/yr	Error mm/yr	WRMS mm	Chi Square
HRAS 085-YELLOWKN	2	84.7-85.7	120.2	62.7	3.68	—	—	—	—
HRAS 085-YUMA	18	83.8-88.8	16.0	48.1	1.88	-9.1	11.2	47.2	1.92
JPL MV1 -MAMMOTHL	4	83.5-86.8	51.3	69.1	1.65	17.3	30.3	64.1	2.13
JPL MV1 -MOJAVE12	21	83.5-88.9	13.3	50.5	1.39	7.5	7.3	49.2	1.39
JPL MV1 -MON PEAK	1	82.8-82.8	11.3	—	—	—	—	—	—
JPL MV1 -OVRO 130	19	82.8-88.9	21.6	69.0	1.76	10.1	8.4	66.2	1.72
JPL MV1 -PBLOSSOM	7	83.1-88.0	52.1	94.0	1.85	16.3	25.9	90.4	2.05
JPL MV1 -PINFLATS	6	83.8-87.0	49.8	73.8	2.28	-3.3	45.5	73.7	2.85
JPL MV1 -PRESIDIO	2	88.8-88.9	139.9	63.3	4.88	—	—	—	—
JPL MV1 -QUINCY	1	82.8-82.8	63.3	—	—	—	—	—	—
JPL MV1 -VNDNBERG	18	83.6-88.9	52.0	98.6	4.72	3.4	20.3	98.5	5.01
KASHIM34-KASHIMA	6	90.2-90.5	5.3	12.7	.87	—	—	—	—
KASHIM34-KAUAI	10	90.2-92.0	10.4	22.3	1.96	—	—	—	—
KASHIM34-MARCUS	1	90.5-90.5	7.4	—	—	—	—	—	—
KASHIM34-MEDICINA	1	90.6-90.6	7.4	—	—	—	—	—	—
KASHIM34-MOJAVE12	11	90.2-91.5	25.1	40.7	3.82	—	—	—	—
KASHIM34-NOBEY 6M	5	90.2-91.5	77.1	71.8	4.62	—	—	—	—
KASHIM34-ONSALA60	3	90.4-90.6	5.8	9.9	.68	—	—	—	—
KASHIM34-SANTIA12	2	92.0-92.0	3.7	6.0	.38	—	—	—	—
KASHIM34-SESHAN25	9	90.2-92.0	11.6	24.2	1.84	—	—	—	—
KASHIM34-SEST	2	90.4-90.4	.1	1.1	.01	—	—	—	—
KASHIM34-SINTOTU	1	90.6-90.6	1.1	—	—	—	—	—	—
KASHIM34-WESTFORD	4	90.4-92.0	1.1	5.4	.13	—	—	—	—
KASHIM34-WETTZELL	4	91.3-92.0	78.3	47.8	8.04	—	—	—	—
KASHIMA -KAUAI	66	84.6-91.4	43.0	81.3	8.18	-45.1	1.9	26.5	1.97
KASHIMA -KWAJAL26	16	84.6-88.6	17.8	45.9	2.25	-12.9	8.5	42.5	2.07
KASHIMA -MARCUS	1	90.5-90.5	11.8	—	—	—	—	—	—
KASHIMA -MEDICINA	1	90.4-90.4	11.8	—	—	—	—	—	—
KASHIMA -MIYAZAKI	3	86.8-88.8	32.7	43.3	1.14	—	—	—	—
KASHIMA -MIZUSGSI	1	91.9-91.9	30.6	—	—	—	—	—	—
KASHIMA -MOJAVE12	56	84.1-91.2	12.5	42.9	4.65	-17.0	2.0	28.0	2.02
KASHIMA -NOBEY 6M	3	89.9-90.2	2.5	10.3	.12	—	—	—	—
KASHIMA -ONSALA60	7	85.5-91.6	73.5	56.2	0.24	-23.3	5.7	26.9	2.82
KASHIMA -RICHMOND	29	87.3-90.1	21.7	60.8	3.56	-46.0	7.6	39.5	1.56
KASHIMA -SESHAN25	15	88.3-91.4	11.0	27.2	2.32	12.4	7.8	24.8	2.09
KASHIMA -SHANGHAI	1	86.5-86.5	7.3	—	—	—	—	—	—
KASHIMA -SINTOTU	3	90.6-90.6	32.7	31.7	2.12	—	—	—	—
KASHIMA -TITIJIMA	3	87.9-89.9	43.6	59.7	1.07	—	—	—	—
KASHIMA -TSUKUBA	7	84.6-89.7	37.7	56.9	2.63	24.3	15.6	46.7	2.13
KASHIMA -USUDA64	1	90.6-90.6	23.2	—	—	—	—	—	—

Table 6.4 (continued)

Vertical Statistical Summary									
Baseline Name	Sessions		Mean Statistics			Rate Statistics			
	Num Obs	Span yr to yr	Error mm	WRMS mm	Chi Square	Rate mm/yr	Error mm/yr	WRMS mm	Chi Square
KASHIMA -VNDNBERG	27	85.4-90.1	43.4	67.6	0.72	-39.4	4.7	34.7	2.93
KASHIMA -WESTFORD	8	85.5-90.0	50.1	48.2	7.56	-26.0	6.0	23.6	2.11
KASHIMA -WETTZELL	12	84.7-90.4	74.3	69.1	2.71	-28.9	7.1	42.5	5.30
KASHIMA -WHTHORSE	1	89.6-89.6	20.8	——	——	——	——	——	——
KAUAI -KWAJAL26	20	84.5-88.6	33.1	69.5	4.30	34.2	7.9	48.7	2.22
KAUAI -LA-VLBA	11	91.4-91.9	35.0	30.1	3.53	——	——	——	——
KAUAI -MARPOINT	6	88.4-89.4	73.4	87.3	3.54	——	——	——	——
KAUAI -MATERA	15	90.8-91.9	9.2	25.6	1.81	——	——	——	——
KAUAI -MOJAVE12	65	84.5-91.9	12.8	39.1	6.84	-15.0	1.2	21.5	2.11
KAUAI -NOTO	3	89.5-91.2	.6	3.7	.05	——	——	——	——
KAUAI -NRAO85 3	129	89.1-92.0	6.3	38.5	3.45	-40.8	3.2	25.5	1.53
KAUAI -ONSALA60	2	90.4-90.4	1.3	4.0	.10	——	——	——	——
KAUAI -PIETOWN	6	91.1-91.9	20.7	18.1	6.58	——	——	——	——
KAUAI -RICHMOND	98	88.4-92.0	7.3	40.9	3.12	-38.5	4.2	29.8	1.68
KAUAI -SANTIA12	2	92.0-92.0	21.9	21.0	1.09	——	——	——	——
KAUAI -SESHAN25	18	88.3-92.0	39.7	54.9	8.89	38.8	8.4	36.0	4.05
KAUAI -SEST	2	90.4-90.4	6.0	11.1	.29	——	——	——	——
KAUAI -SHANGHAI	1	86.5-86.5	11.1	——	——	——	——	——	——
KAUAI -VNDNBERG	32	84.5-90.1	15.6	42.8	4.10	-20.2	3.5	29.3	1.99
KAUAI -WESTFORD	22	90.4-92.0	10.3	21.9	4.68	——	——	——	——
KAUAI -WETTZELL	17	91.1-92.0	4.4	12.8	1.93	——	——	——	——
KAUAI -WHTHORSE	1	89.6-89.6	3.2	——	——	——	——	——	——
KODIAK -MOJAVE12	10	87.5-90.5	6.1	24.8	.54	6.9	7.4	23.5	.55
KODIAK -NOME	4	84.6-86.6	49.7	78.1	1.21	-11.9	82.2	77.7	1.80
KODIAK -VNDNBERG	4	84.6-86.6	51.9	70.0	1.65	-50.4	85.9	64.6	2.11
KODIAK -WESTFORD	8	88.5-90.5	16.5	38.2	1.30	——	——	——	——
KWAJAL26-MOJAVE12	17	84.5-88.6	34.0	66.1	4.24	-38.5	8.2	42.0	1.82
KWAJAL26-SESHAN25	3	88.5-88.6	57.3	48.5	2.79	——	——	——	——
KWAJAL26-VNDNBERG	12	84.5-88.6	59.9	79.4	6.26	-54.4	17.0	55.8	3.40
LA-VLBA -MOJAVE12	12	91.4-91.9	20.4	20.7	0.71	——	——	——	——
LA-VLBA -PIETOWN	4	91.4-91.9	42.9	16.6	0.09	——	——	——	——
LA-VLBA -WESTFORD	12	91.4-91.9	20.0	19.8	1.23	——	——	——	——
LA-VLBA -WETTZELL	12	91.4-91.9	12.9	19.2	4.99	——	——	——	——
LEONRDOK-RICHMOND	1	87.6-87.6	5.8	——	——	——	——	——	——
LEONRDOK-WESTFORD	1	87.6-87.6	5.8	——	——	——	——	——	——
MAMMOTHL-MOJAVE12	4	83.5-86.8	34.3	47.4	1.57	-27.6	14.4	28.2	.83
MAMMOTHL-OVRO 130	4	83.5-86.8	3.6	17.0	.14	3.3	7.9	16.3	.19
MAMMOTHL-VNDNBERG	2	84.8-86.8	99.8	52.3	3.64	——	——	——	——
MARCUS -SESHAN25	1	90.5-90.5	52.3	——	——	——	——	——	——
MARPOINT-MEDICINA	1	89.0-89.0	52.3	——	——	——	——	——	——

Table 6.4 (continued)

Vertical Statistical Summary									
Baseline Name	Sessions		Mean Statistics			Rate Statistics			
	Num Obs	Span yr to yr	Error mm	WRMS mm	Chi Square	Rate mm/yr	Error mm/yr	WRMS mm	Chi Square
MARPOINT-NOTO	1	89.5-89.5	52.3	——	——	——	——	——	——
MARPOINT-NRAO85 3	11	89.1-89.6	32.0	48.5	4.36	——	——	——	——
MARPOINT-ONSALA60	4	82.5-83.7	20.0	34.1	1.03	——	——	——	——
MARPOINT-OVRO 130	3	82.5-82.8	5.6	16.6	.23	——	——	——	——
MARPOINT-RICHMOND	22	87.6-89.6	11.2	41.7	1.52	14.4	14.2	40.7	1.52
MARPOINT-WESTFORD	9	82.5-89.4	44.9	55.8	5.18	-5.3	7.0	53.7	5.47
MATERA -MEDICINA	5	90.4-91.9	102.2	37.1	0.45	——	——	——	——
MATERA -MOJAVE12	3	91.8-92.0	6.9	10.4	.89	——	——	——	——
MATERA -NOTO	4	90.7-91.7	143.4	43.4	2.72	——	——	——	——
MATERA -NRAO85 3	15	90.8-91.9	16.2	38.7	2.44	——	——	——	——
MATERA -ONSALA60	4	90.7-91.7	146.4	42.2	6.11	——	——	——	——
MATERA -RICHMOND	4	91.8-92.0	9.1	14.5	1.18	——	——	——	——
MATERA -WESTFORD	3	91.8-92.0	6.1	9.5	.82	——	——	——	——
MATERA -WETTZELL	10	90.4-92.0	44.3	30.8	8.59	——	——	——	——
MCD 7850-MOJAVE12	1	88.8-88.8	10.3	——	——	——	——	——	——
MCD 7850-PIETOWN	1	88.8-88.8	10.3	——	——	——	——	——	——
MCD 7850-WESTFORD	1	88.8-88.8	10.3	——	——	——	——	——	——
MEDICINA-NOTO	4	90.1-91.7	28.2	17.5	7.83	——	——	——	——
MEDICINA-ONSALA60	13	87.3-91.7	12.8	19.9	4.95	-6.6	5.1	18.6	4.69
MEDICINA-RICHMOND	14	87.3-89.0	6.4	24.8	.86	——	——	——	——
MEDICINA-SESHAN25	2	90.4-91.8	30.2	23.0	1.72	——	——	——	——
MEDICINA-WESTFORD	19	87.3-89.1	9.1	27.9	1.93	——	——	——	——
MEDICINA-WETTZELL	22	87.3-91.9	6.8	17.0	3.31	2.9	2.9	16.6	3.31
METSHOVI-MOJAVE12	2	89.5-89.5	68.1	43.4	2.47	——	——	——	——
METSHOVI-ONSALA60	5	89.5-89.5	16.8	30.4	1.21	——	——	——	——
METSHOVI-RICHMOND	2	89.5-89.5	23.3	26.7	.76	——	——	——	——
METSHOVI-WESTFORD	2	89.5-89.5	76.1	48.1	2.50	——	——	——	——
METSHOVI-WETTZELL	5	89.5-89.5	37.6	45.1	2.78	——	——	——	——
MILESMON-MOJAVE12	1	88.3-88.3	22.5	——	——	——	——	——	——
MILESMON-WESTFORD	1	88.3-88.3	22.5	——	——	——	——	——	——
MOJAVE12-MON PEAK	36	83.5-90.9	9.4	43.4	1.65	.8	4.6	43.4	1.70
MOJAVE12-NOBEY 6M	7	89.9-91.5	35.4	53.9	2.59	——	——	——	——
MOJAVE12-NOME	3	90.5-90.5	6.1	16.8	.26	——	——	——	——
MOJAVE12-NOTO	10	89.5-91.7	13.4	28.4	2.00	-20.8	8.0	20.9	1.22
MOJAVE12-NRAO85 3	9	89.5-91.8	15.3	26.7	2.61	-24.3	7.3	16.6	1.15
MOJAVE12-NRAO 140	3	88.8-91.8	10.9	13.1	1.37	——	——	——	——
MOJAVE12-OCOTILLO	3	84.2-85.2	140.9	100.5	3.93	——	——	——	——
MOJAVE12-ONSALA60	47	83.8-91.7	9.5	32.5	3.92	-13.9	1.7	20.6	1.60
MOJAVE12-OVRO 130	81	83.5-88.9	3.7	28.7	1.36	2.8	2.0	28.3	1.35
MOJAVE12-OVR 7853	1	87.8-87.8	3.2	——	——	——	——	——	——

Table 6.4 (continued)

Vertical Statistical Summary									
Baseline Name	Sessions		Mean Statistics			Rate Statistics			
	Num Obs	Span yr to yr	Error mm	WRMS mm	Chi Square	Rate mm/yr	Error mm/yr	WRMS mm	Chi Square
MOJAVE12-PBLOSSOM	9	83.6-88.1	23.5	49.9	1.78	17.3	10.6	42.5	1.47
MOJAVE12-PENTICTN	3	90.6-90.6	9.7	23.4	.34	———	———	———	———
MOJAVE12-PIETOWN	34	88.7-91.9	2.8	9.4	3.00	3.4	2.4	9.1	2.90
MOJAVE12-PINFLATS	21	83.8-90.1	12.2	43.4	1.57	-1.0	6.9	43.4	1.65
MOJAVE12-PLATTVIL	21	84.3-90.8	13.8	43.4	2.03	-10.7	4.8	38.6	1.70
MOJAVE12-PRESIDIO	22	83.7-91.5	13.1	43.7	1.89	2.9	7.2	36.3	1.44
MOJAVE12-PT REYES	20	83.7-91.5	5.9	28.9	.79	-6.4	4.1	27.1	.74
MOJAVE12-PVERDES	9	83.9-90.1	6.9	26.9	.54	8.9	6.2	23.6	.47
MOJAVE12-QUINCY	20	83.5-90.8	10.0	35.4	1.50	-4.9	5.3	34.6	1.52
MOJAVE12-RICHMOND	191	84.0-92.0	3.1	26.8	2.52	-17.2	2.4	23.8	2.00
MOJAVE12-SANPAULA	10	83.7-90.1	11.9	38.8	.85	-7.5	8.2	36.9	.86
MOJAVE12-SANTIA12	1	91.9-91.9	12.9	———	———	———	———	———	———
MOJAVE12-SEATTLE1	3	86.7-90.6	88.2	68.7	3.30	———	———	———	———
MOJAVE12-SEST	1	90.3-90.3	48.5	———	———	———	———	———	———
MOJAVE12-SNDPOINT	10	87.6-90.5	15.3	40.6	1.28	43.4	9.8	21.9	.42
MOJAVE12-SOURDOGH	8	87.6-89.6	19.2	40.4	1.59	———	———	———	———
MOJAVE12-TROMSONO	1	89.6-89.6	15.3	———	———	———	———	———	———
MOJAVE12-VERNAL	8	86.2-90.8	30.7	46.8	3.02	-19.2	12.4	39.5	2.52
MOJAVE12-VICTORIA	3	90.6-90.6	5.5	17.5	.19	———	———	———	———
MOJAVE12-VNDNBERG	163	83.6-91.6	4.2	32.7	2.65	-1.7	1.7	32.6	2.65
MOJAVE12-WESTFORD	403	83.5-92.0	2.4	24.7	3.63	-13.6	.7	17.9	1.91
MOJAVE12-WETTZELL	230	84.7-92.0	2.0	21.4	1.98	-10.2	1.0	17.8	1.37
MOJAVE12-WHTHORSE	5	88.6-89.6	69.6	62.6	4.95	———	———	———	———
MOJAVE12-YAKATAGA	10	87.6-90.4	22.1	48.1	1.90	-23.5	20.6	34.7	1.27
MOJAVE12-YLOW7296	8	91.5-91.6	8.6	18.5	1.52	———	———	———	———
MOJAVE12-YUMA	21	83.8-88.8	15.5	46.3	2.25	-16.3	9.1	42.8	2.03
MOJ 7288-MOJAVE12	1	87.8-87.8	10.4	———	———	———	———	———	———
MOJ 7288-OVRO 130	1	87.8-87.8	10.4	———	———	———	———	———	———
MOJ 7288-OVR 7853	1	87.8-87.8	10.4	———	———	———	———	———	———
MON PEAK-OVRO 130	20	82.8-88.8	12.8	47.6	1.36	1.1	6.3	47.6	1.43
MON PEAK-QUINCY	13	83.5-88.8	19.0	52.7	1.57	-.4	10.5	52.7	1.71
MON PEAK-VNDNBERG	26	83.9-89.4	11.9	44.9	1.77	6.1	6.8	44.2	1.78
MON PEAK-WESTFORD	2	90.9-90.9	.0	.9	.00	———	———	———	———
MON PEAK-YUMA	8	83.8-87.9	31.4	56.7	2.15	-45.8	17.8	39.1	1.19
NOME -SNDPOINT	3	84.5-86.6	87.8	81.0	2.35	———	———	———	———
NOME -VNDNBERG	7	84.5-86.6	8.5	32.1	.42	-33.1	13.1	21.2	.22
NOME -WESTFORD	3	90.5-90.5	.2	3.0	.01	———	———	———	———
NOTO -NRA085 3	4	89.5-91.2	2.2	9.0	.19	———	———	———	———
NOTO -ONSALA60	7	89.4-91.7	6.1	11.3	1.77	-1.6	6.7	11.2	2.10
NOTO -RICHMOND	9	89.5-91.7	15.0	30.0	2.00	-6.2	12.1	29.5	2.20

Table 6.4 (continued)

Vertical Statistical Summary									
Baseline Name	Sessions		Mean Statistics			Rate Statistics			
	Num Obs	Span yr to yr	Error mm	WRMS mm	Chi Square	Rate mm/yr	Error mm/yr	WRMS mm	Chi Square
NOTO -WESTFORD	10	89.4–91.7	11.6	26.0	1.79	3.3	9.8	25.9	1.99
NOTO -WETTZELL	21	89.4–91.7	5.4	16.4	2.14	6.4	4.4	15.5	2.03
NRAO85 3–RICHMOND	104	89.3–92.0	3.7	25.9	2.12	2.6	3.2	25.8	2.13
NRAO85 3–WESTFORD	8	89.4–91.8	16.0	21.6	3.88	5.5	12.2	21.2	4.37
NRAO85 3–WETTZELL	1	91.9–91.9	8.2	—	—	—	—	—	—
NRAO 140–NRAO85 3	1	91.8–91.8	8.2	—	—	—	—	—	—
NRAO 140–ONSALA60	4	81.9–83.0	92.8	83.7	3.69	—	—	—	—
NRAO 140–OVRO 130	8	79.6–88.8	55.0	54.9	7.00	14.4	2.7	23.0	1.43
NRAO 140–RICHMOND	1	91.8–91.8	20.8	—	—	—	—	—	—
NRAO 140–WESTFORD	7	81.9–91.8	21.3	24.4	4.58	–2.8	2.3	21.5	4.26
OCOTILLO–OVRO 130	1	85.2–85.2	10.0	—	—	—	—	—	—
OCOTILLO–PVERDES	1	85.2–85.2	10.0	—	—	—	—	—	—
OCOTILLO–VNDNBERG	3	84.2–85.2	144.7	103.8	3.88	—	—	—	—
ONSALA60–OVRO 130	33	80.6–87.8	20.5	61.6	3.55	13.6	3.5	50.3	2.44
ONSALA60–RICHMOND	69	84.1–91.7	5.3	31.0	1.99	2.7	2.2	30.6	1.98
ONSALA60–ROBLED32	1	83.3–83.3	3.8	—	—	—	—	—	—
ONSALA60–SEST	3	90.3–90.4	4.5	11.4	.30	—	—	—	—
ONSALA60–TROMSONO	4	89.6–89.6	11.5	21.0	.90	—	—	—	—
ONSALA60–WESTFORD	154	81.8–91.7	4.2	32.6	2.50	1.8	1.2	32.4	2.48
ONSALA60–WETTZELL	136	83.6–91.7	3.0	20.9	2.71	3.2	1.0	20.1	2.51
OVRO 130–PBLOSSOM	7	83.1–87.8	12.0	38.0	.60	8.6	10.8	35.8	.64
OVRO 130–PINFLATS	7	83.8–86.8	10.9	34.2	.61	4.2	15.3	34.0	.72
OVRO 130–PLATTVIL	9	83.4–88.3	45.3	64.8	3.90	–28.3	15.7	53.5	3.04
OVRO 130–PRESIDIO	8	83.7–88.9	23.9	48.4	1.71	4.2	10.8	47.9	1.94
OVRO 130–PT REYES	6	83.7–88.9	15.8	38.4	.85	4.2	10.4	37.7	1.02
OVRO 130–PVERDES	2	83.9–85.2	.6	6.0	.01	—	—	—	—
OVRO 130–QUINCY	14	82.8–88.8	25.3	56.1	2.64	–10.6	8.4	52.7	2.53
OVRO 130–SANPAULA	1	83.7–83.7	15.5	—	—	—	—	—	—
OVRO 130–VNDNBERG	46	83.6–88.9	12.2	54.4	2.26	–7.6	5.3	53.2	2.21
OVRO 130–WESTFORD	29	81.5–88.8	16.5	45.5	3.69	–14.6	2.3	29.1	1.57
OVRO 130–WETTZELL	7	85.2–87.8	12.2	24.7	1.47	–18.8	7.9	16.9	.82
OVRO 130–YUMA	7	83.8–87.8	46.7	65.9	3.02	–54.0	24.0	46.4	1.80
OVR 7853–OVRO 130	1	87.8–87.8	26.9	—	—	—	—	—	—
PBLOSSOM–SANPAULA	1	88.1–88.1	26.9	—	—	—	—	—	—
PBLOSSOM–VNDNBERG	9	83.6–88.1	15.8	43.5	1.05	–3.5	11.4	43.2	1.19
PENTICTN–WESTFORD	3	90.6–90.6	8.3	21.1	.31	—	—	—	—
PENTICTN–YELLOWKN	2	84.7–85.7	6.4	17.0	.14	—	—	—	—
PIETOWN -WESTFORD	33	88.7–91.9	7.1	15.1	7.17	–14.5	3.0	11.4	4.23
PIETOWN -WETTZELL	7	91.1–91.9	9.2	13.7	2.74	—	—	—	—
PINFLATS–PVERDES	3	87.2–88.1	23.2	35.1	.88	—	—	—	—

Table 6.4 (continued)

Vertical Statistical Summary									
Baseline Name	Sessions		Mean Statistics			Rate Statistics			
	Num Obs	Span yr to yr	Error mm	WRMS mm	Chi Square	Rate mm/yr	Error mm/yr	WRMS mm	Chi Square
PINFLATS-VNDNBERG	20	83.8-90.1	27.6	67.6	3.17	-7.6	11.0	66.7	3.26
PINFLATS-YUMA	6	83.8-87.0	24.5	52.6	1.08	-26.4	35.1	49.2	1.18
PLATTVIL-VERNAL	1	86.2-86.2	23.5	——	——	——	——	——	——
PLATTVIL-WESTFORD	11	83.4-90.8	21.0	43.5	2.32	-11.2	7.9	39.3	2.10
PRESIDIO-PT REYES	3	83.7-85.8	86.4	77.8	2.47	——	——	——	——
PRESIDIO-VNDNBERG	20	83.7-90.1	19.0	54.7	2.28	.8	9.3	43.5	1.61
PRESIDIO-WESTFORD	6	89.8-91.5	29.4	46.7	1.98	——	——	——	——
PRESIDIO-YLOW7296	2	91.5-91.5	47.2	32.1	2.16	——	——	——	——
PRESIDIO-YUMA	1	87.1-87.1	32.1	——	——	——	——	——	——
PT REYES-VNDNBERG	18	83.7-90.0	11.5	40.8	1.34	-16.8	7.0	35.1	1.05
PT REYES-WESTFORD	6	89.9-91.5	17.1	36.8	1.08	——	——	——	——
PT REYES-YLOW7296	2	91.5-91.5	.2	2.1	.01	——	——	——	——
PT REYES-YUMA	1	87.8-87.8	2.1	——	——	——	——	——	——
PVERDES -VNDNBERG	9	83.9-90.1	19.1	45.8	1.39	-14.7	11.2	41.0	1.27
QUINCY -VNDNBERG	13	84.3-89.8	12.9	36.3	1.52	9.7	9.6	34.7	1.51
QUINCY -WESTFORD	2	89.8-89.8	31.2	30.6	1.04	——	——	——	——
RICHMOND-TROMSONO	1	89.6-89.6	30.6	——	——	——	——	——	——
RICHMOND-WESTFORD	529	84.0-92.0	1.4	23.8	1.75	-1.0	.5	23.7	1.74
RICHMOND-WETTZELL	504	84.1-92.0	1.8	29.9	1.77	7.7	.6	26.1	1.36
RICHMOND-YLOW7296	1	91.6-91.6	1.3	——	——	——	——	——	——
ROBLED32-WESTFORD	1	83.3-83.3	1.3	——	——	——	——	——	——
SANPAULA-VNDNBERG	10	83.7-90.1	16.5	46.8	1.11	9.1	10.5	44.7	1.15
SANTIA12-SESHAN25	2	92.0-92.0	24.8	15.3	2.62	——	——	——	——
SANTIA12-WESTFORD	3	91.9-92.0	14.0	23.3	.72	——	——	——	——
SANTIA12-WETTZELL	3	91.9-92.0	13.2	19.6	.91	——	——	——	——
SEATTLE1-WESTFORD	3	86.7-90.6	263.2	121.6	9.37	——	——	——	——
SESHAN25-WESTFORD	2	92.0-92.0	3.6	8.8	.16	——	——	——	——
SESHAN25-WETTZELL	6	90.3-92.0	38.6	45.8	3.55	——	——	——	——
SEST -WESTFORD	3	90.3-90.4	2.4	9.4	.13	——	——	——	——
SINTOTU -USUDA64	1	90.6-90.6	6.6	——	——	——	——	——	——
SNDPOINT-VNDNBERG	3	84.5-86.6	104.4	82.9	3.17	——	——	——	——
SNDPOINT-WESTFORD	8	88.5-90.5	55.9	69.4	4.55	——	——	——	——
SOURDOGH-VNDNBERG	8	84.6-86.6	23.7	52.2	1.44	27.6	29.0	48.7	1.46
SOURDOGH-WESTFORD	6	88.6-89.6	33.7	47.8	2.48	——	——	——	——
SOURDOGH-WHTHORSE	3	84.6-86.6	12.3	28.8	.36	——	——	——	——
SOURDOGH-YAKATAGA	4	84.6-86.6	21.5	41.7	.80	-50.8	4.3	5.0	.02
TROMSONO-WESTFORD	1	89.6-89.6	24.1	——	——	——	——	——	——
TROMSONO-WETTZELL	4	89.6-89.6	4.0	12.3	.31	——	——	——	——
TRYSILNO-WESTFORD	6	91.9-92.0	4.0	13.4	.43	——	——	——	——
TRYSILNO-WETTZELL	5	91.9-92.0	5.9	14.6	.65	——	——	——	——

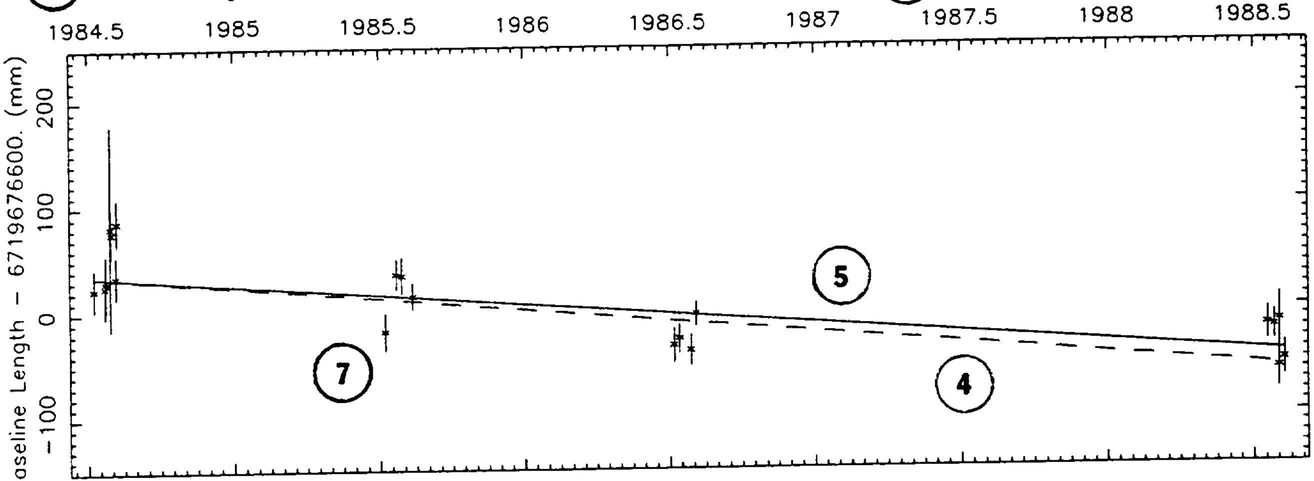
Table 6.4 (continued)

Vertical Statistical Summary									
Baseline Name	Sessions		Mean Statistics			Rate Statistics			
	Num Obs	Span yr to yr	Error mm	WRMS mm	Chi Square	Rate mm/yr	Error mm/yr	WRMS mm	Chi Square
VERNAL -VNDNBERG	1	88.8-88.8	7.3	——	——	——	——	——	——
VERNAL -WESTFORD	4	89.3-90.8	3.7	14.4	.20	——	——	——	——
VERNAL -YUMA	1	88.8-88.8	8.3	——	——	——	——	——	——
VICTORIA-WESTFORD	3	90.6-90.6	8.2	20.8	.31	——	——	——	——
VNDNBERG-WESTFORD	12	89.8-91.6	10.7	29.1	1.48	——	——	——	——
VNDNBERG-WHTHORSE	3	84.6-86.6	51.4	55.0	1.75	——	——	——	——
VNDNBERG-YAKATAGA	4	84.6-86.6	55.4	66.6	2.08	-48.2	52.6	55.9	2.19
VNDNBERG-YUMA	19	83.8-88.8	27.9	62.7	3.57	-16.0	14.1	60.5	3.51
WESTFORD-WETTZELL	659	83.9-92.0	1.3	25.0	1.83	3.4	.5	24.2	1.71
WESTFORD-WHTHORSE	4	88.6-89.6	138.5	80.8	8.82	——	——	——	——
WESTFORD-YAKATAGA	7	88.6-90.4	22.2	43.5	1.57	——	——	——	——
WESTFORD-YLOW7296	8	91.5-91.6	11.0	20.4	2.03	——	——	——	——

② Vector baseline plots for GILCREEK—KWAJAL26

① Baseline length = 6720 kilometers

③ Number of sessions = 20



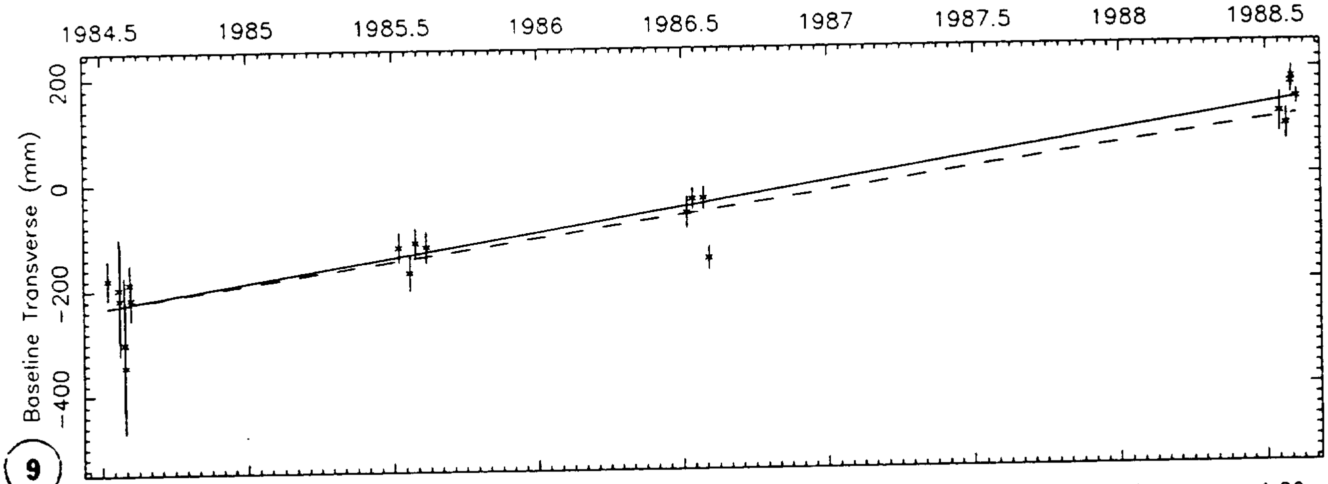
Observed Rate = −19.1 ± 3.8 mm/yr

⑧ NUVEL model rate = −22.4 mm/yr

⑥ Wrms of fit = 22.8 mm

Weighted mean length = 6719676597.2 mm

Reduced Chi square = 1.97



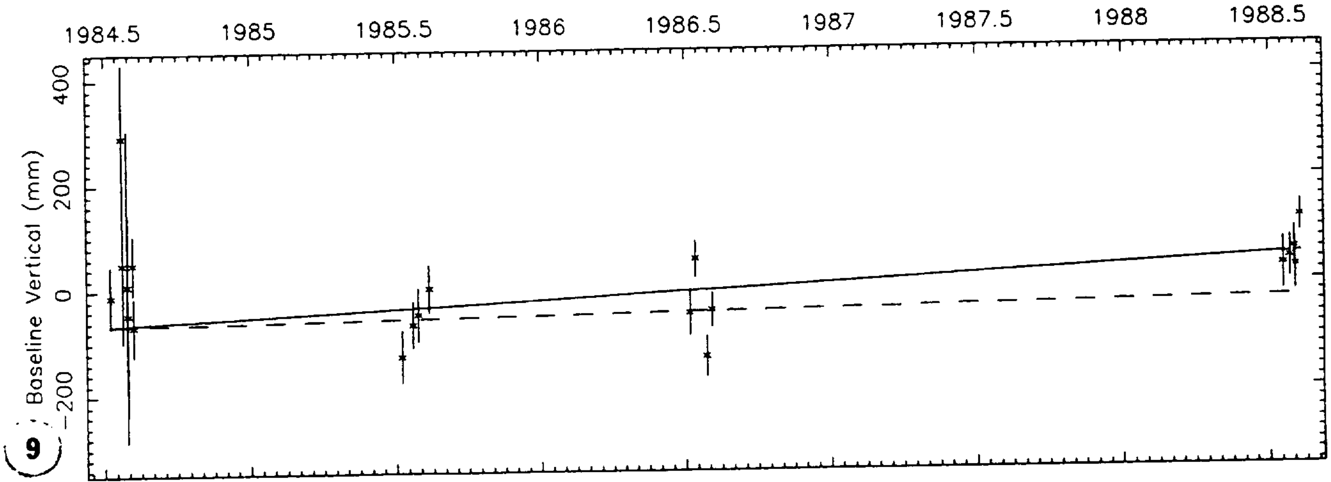
⑨

Observed Rate = 91.6 ± 6.3 mm/yr

NUVEL model rate = 83.9 mm/yr

Wrms of fit = 38.5 mm

Reduced Chi square = 1.99



⑨

Observed Rate = 28.6 ± 10.6 mm/yr

NUVEL model rate = 8.9 mm/yr

Wrms of fit = 64.3 mm

Reduced Chi square = 2.07

⑩ 7.0

7.0 Baseline Evolution from GLB868

Plots 7.2 through 7.201 present the observed variation of the baseline components over the period of the observations for those baselines with at least five observations spanning a minimum of two years. The transverse and vertical components are shown as offsets from their mean values. See the text for the definition and interpretation of the transverse and vertical components. An example plot appears on the facing page. The notes below are provided to clarify the interpretation of the plots.

1 -- Baseline length in kilometers
2 -- Baseline name
3 -- Number of sessions including observations on this baseline
4 -- Dashed line indicates slope predicted by NUVEL plate motion model assuming sites occupy plates indicated in Table 1.2.
5 -- Line of best fit by least squares
6 -- Baseline component statistics
7 -- Observed value in millimeters with 1-σ standard statistical error bar
8 -- Baseline length with arbitrary offset subtracted, standard scales span 200, 400, 800 or 1200 mm
9 -- Baseline component with mean subtracted (transverse and vertical), standard scales span 200, 400, 800 or 1200 mm
10 -- Plot number (same as page number)

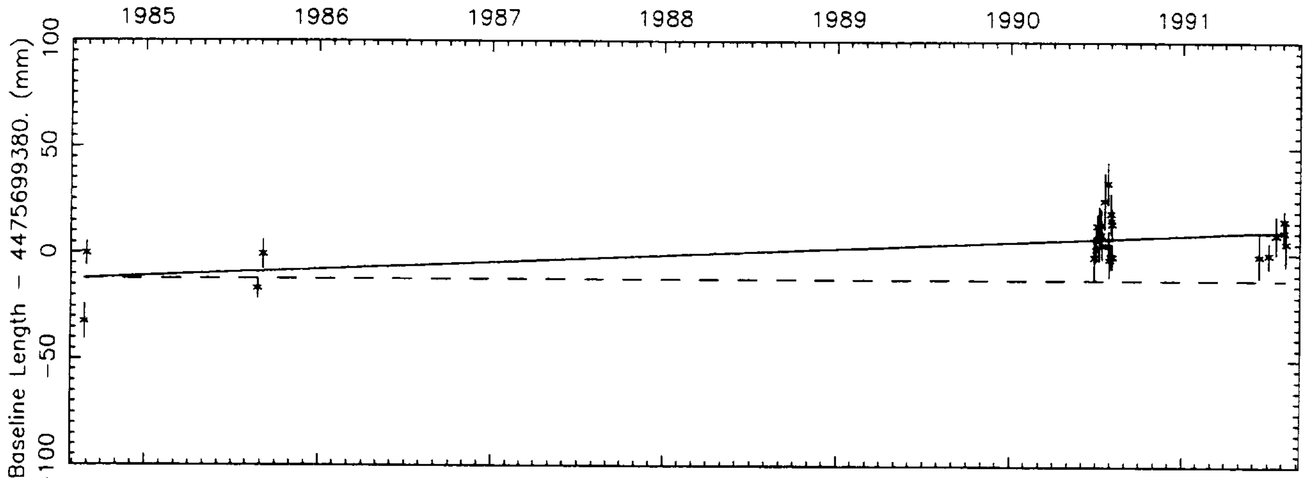
Tables 7.202 through 7.557 present the length, transverse, and vertical baseline evolution information with their residual from the mean value and respective one-sigma standard statistical errors for those baselines which were observed in fewer than five sessions or over a time span of less than two years. Unlike tables 6.3 and 6.4 the transverse and vertical components are included so that the user may make comparisons between sessions.

The machine-readable version contains all the data plotted and tabulated in section 7.

Vector baseline plots for ALGOPARK–GILCREEK

Baseline length = 4476 kilometers

Number of sessions = 27



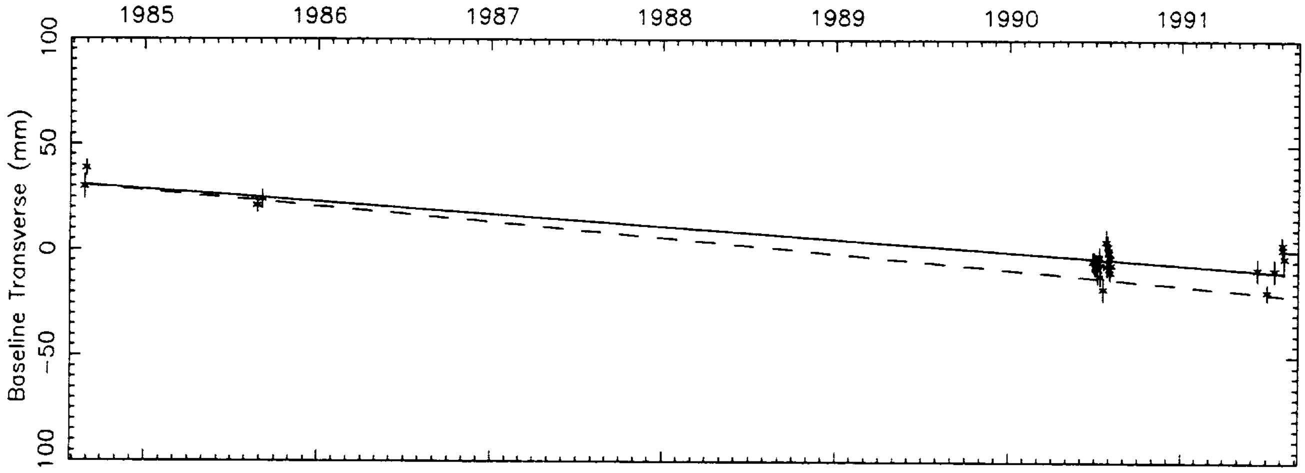
Observed Rate = 3.3 ± .8 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 8.5 mm

Weighted mean length = 4475699384.8 mm

Reduced Chi square = 1.76

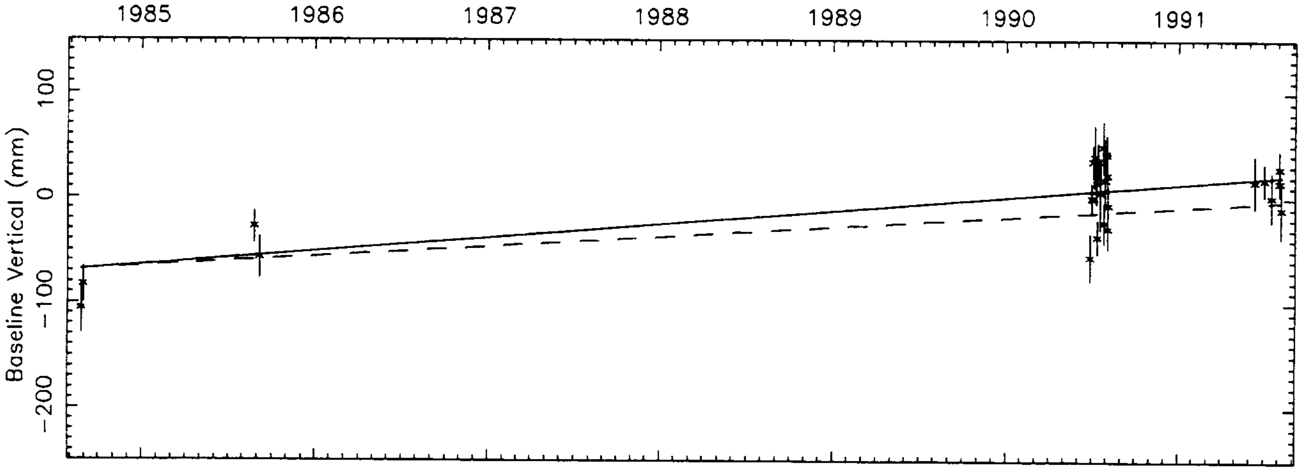


Observed Rate = –5.9 ± .6 mm/yr

NUVEL model rate = –7.4 mm/yr

Wrms of fit = 6.2 mm

Reduced Chi square = 2.14



Observed Rate = 12.9 ± 2.5 mm/yr

NUVEL model rate = 9.4 mm/yr

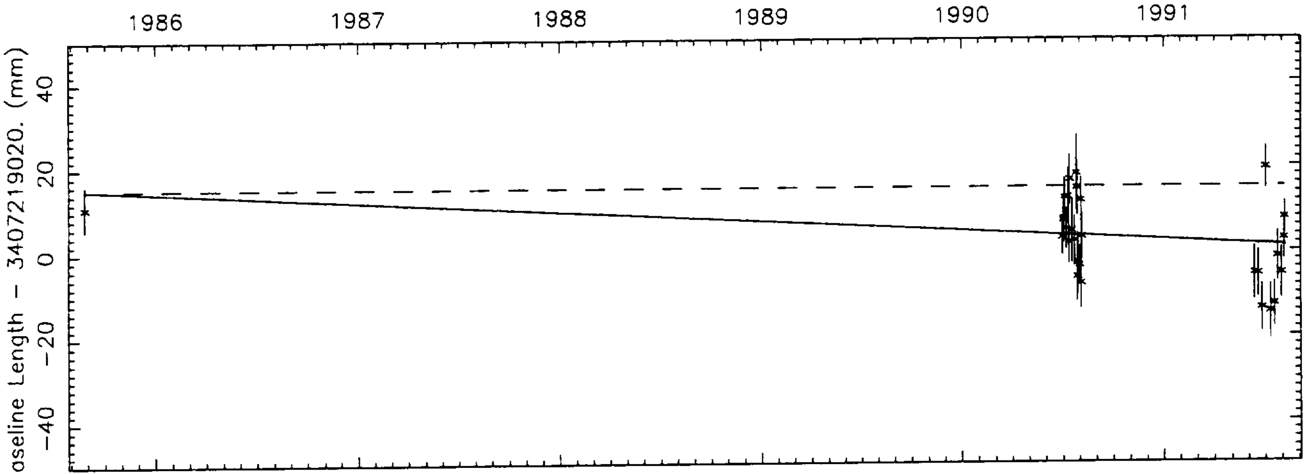
Wrms of fit = 25.0 mm

Reduced Chi square = 2.06

Vector baseline plots for ALGOPARK–MOJAVE12

Baseline length = 3407 kilometers

Number of sessions = 29



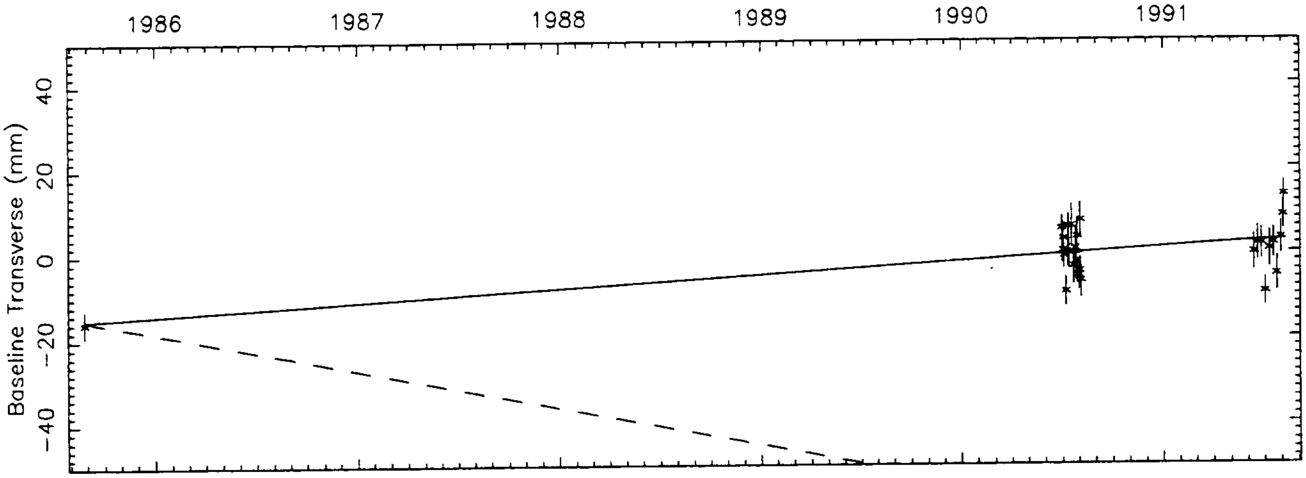
Observed Rate = –2.3 ± 1.5 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 8.5 mm

Weighted mean length = 3407219023.3 mm

Reduced Chi square = 2.66

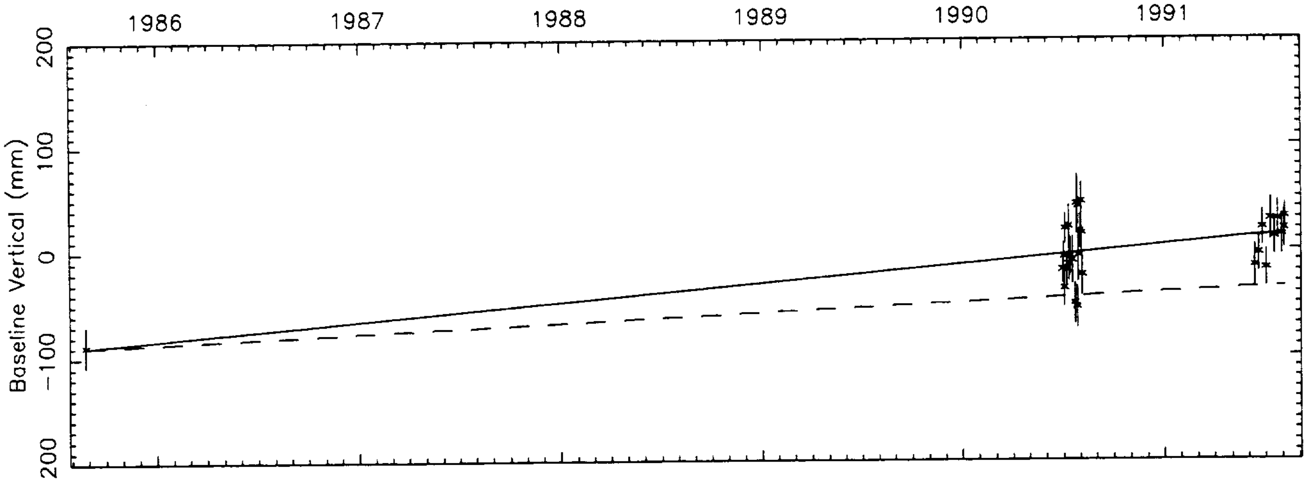


Observed Rate = 3.1 ± .9 mm/yr

NUVEL model rate = –8.9 mm/yr

Wrms of fit = 5.3 mm

Reduced Chi square = 2.34



Observed Rate = 17.6 ± 4.6 mm/yr

NUVEL model rate = 9.3 mm/yr

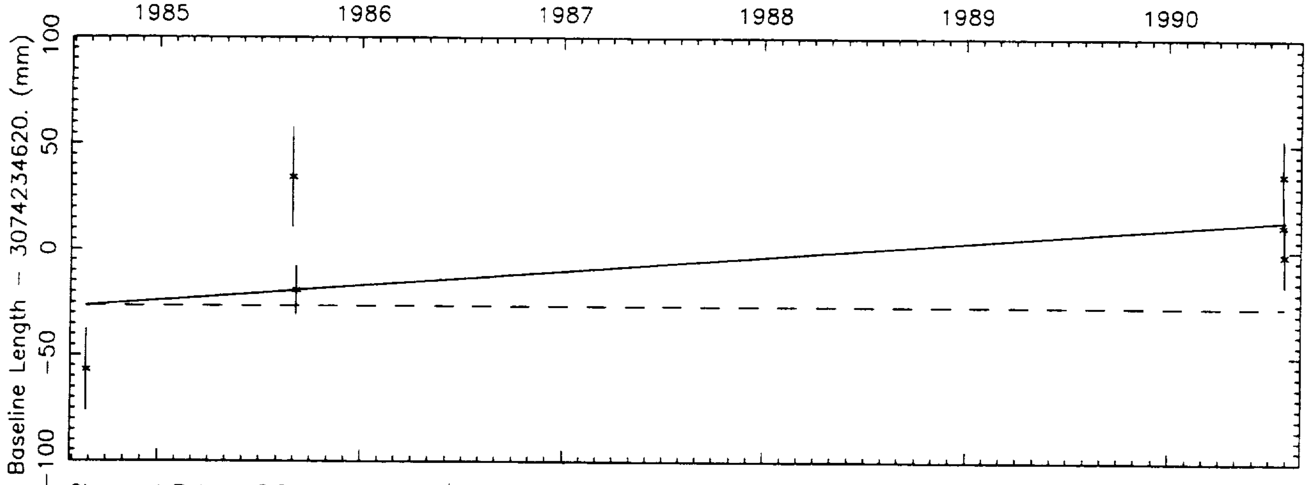
Wrms of fit = 23.1 mm

Reduced Chi square = 1.92

Vector baseline plots for ALGOPARK–PENTICTN

Baseline length = 3074 kilometers

Number of sessions = 6



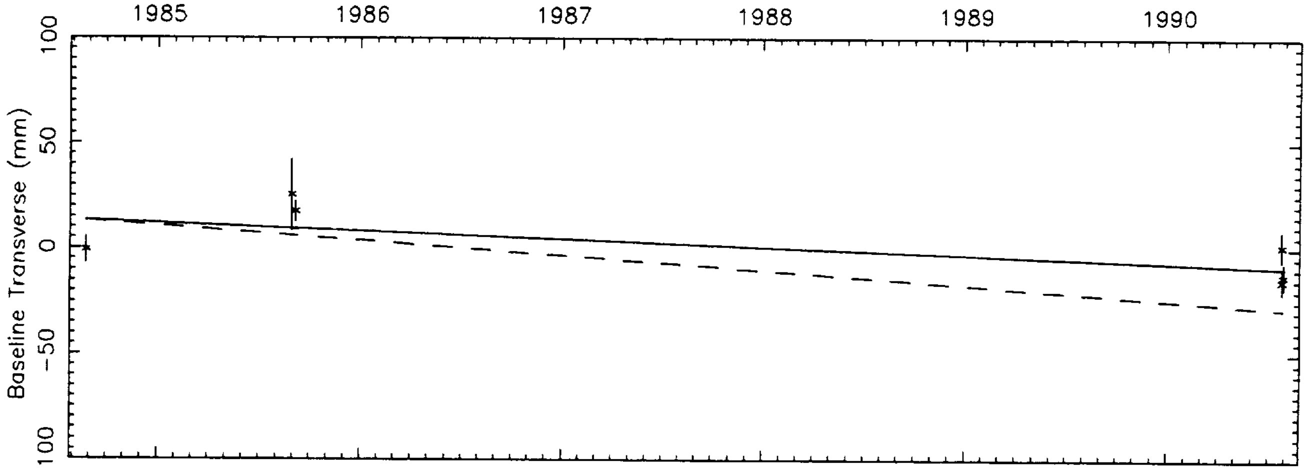
Observed Rate = 6.9 ± 3.9 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 20.2 mm

Weighted mean length = 3074234617.8 mm

Reduced Chi square = 2.64

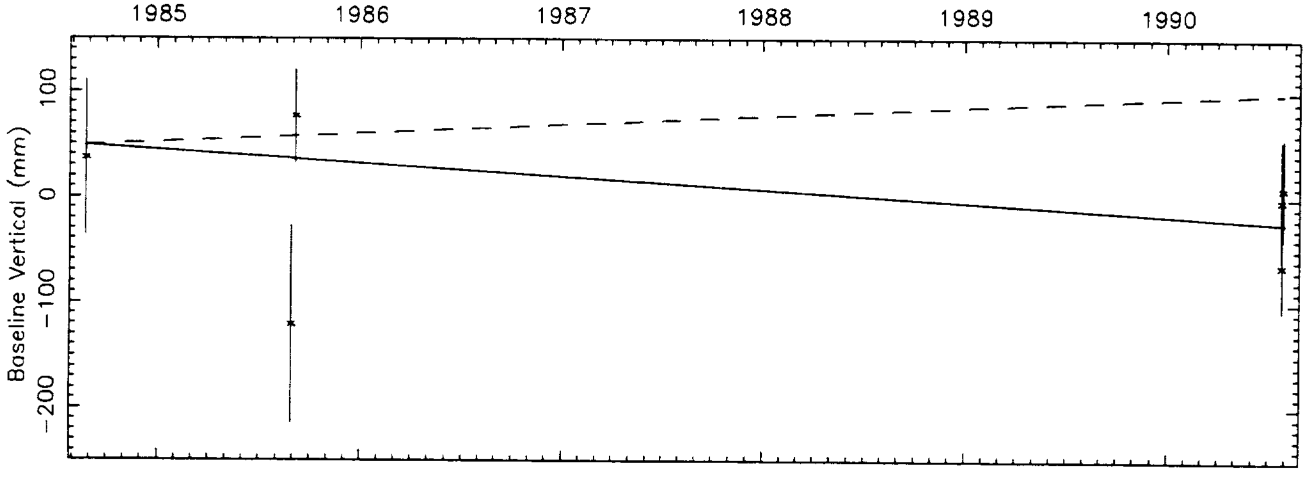


Observed Rate = −3.7 ± 1.7 mm/yr

NUVEL model rate = −7.0 mm/yr

Wrms of fit = 9.0 mm

Reduced Chi square = 2.93



Observed Rate = −12.2 ± 9.9 mm/yr

NUVEL model rate = 8.5 mm/yr

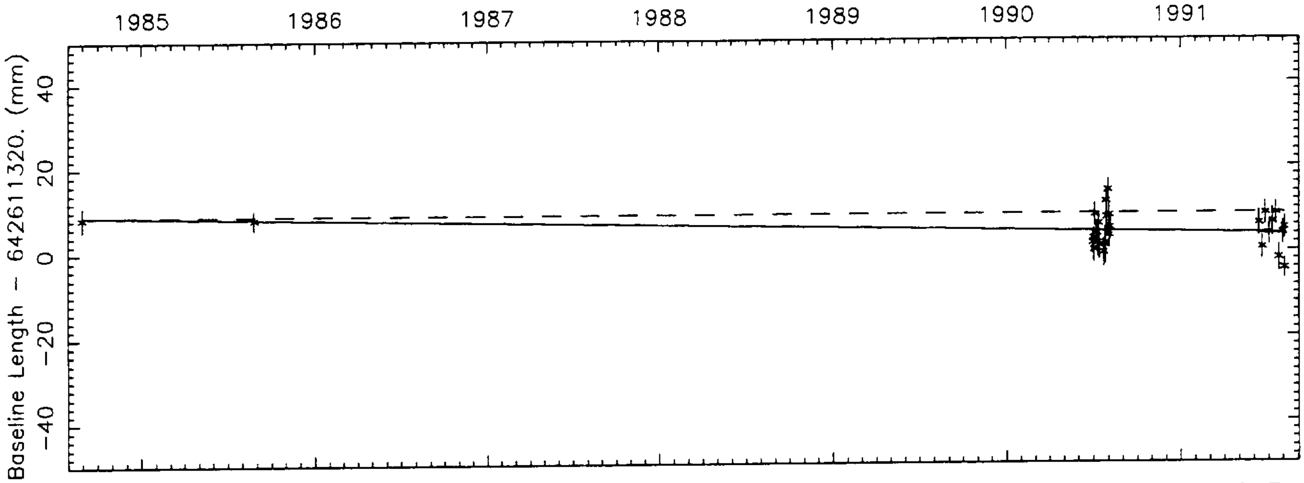
Wrms of fit = 49.5 mm

Reduced Chi square = 1.29

Vector baseline plots for ALGOPARK-WESTFORD

Baseline length = 643 kilometers

Number of sessions = 29



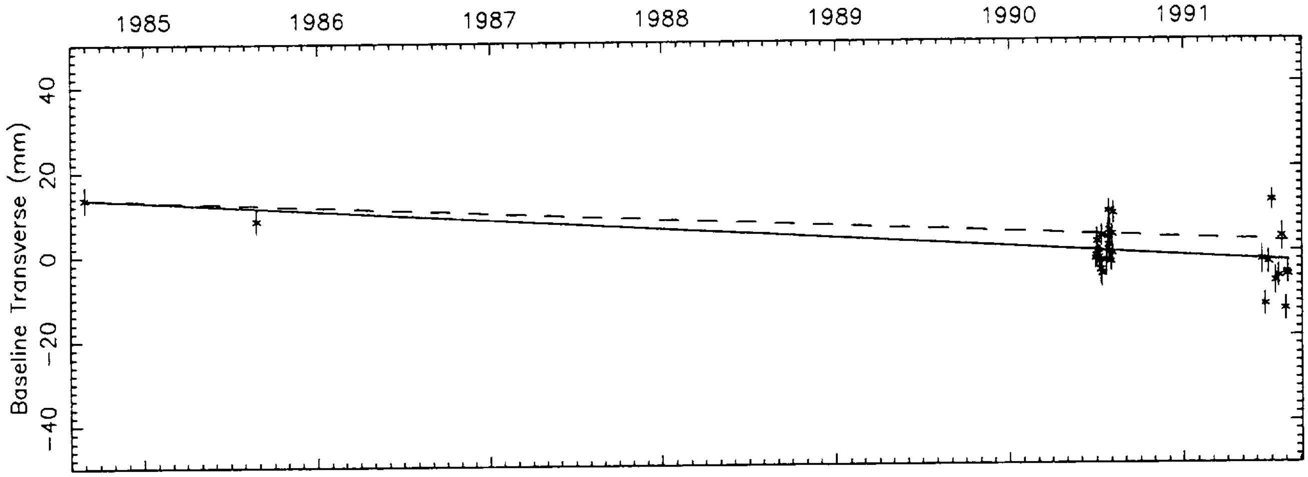
Observed Rate = -.7 ± .5 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 4.0 mm

Weighted mean length = 642611324.6 mm

Reduced Chi square = 2.17

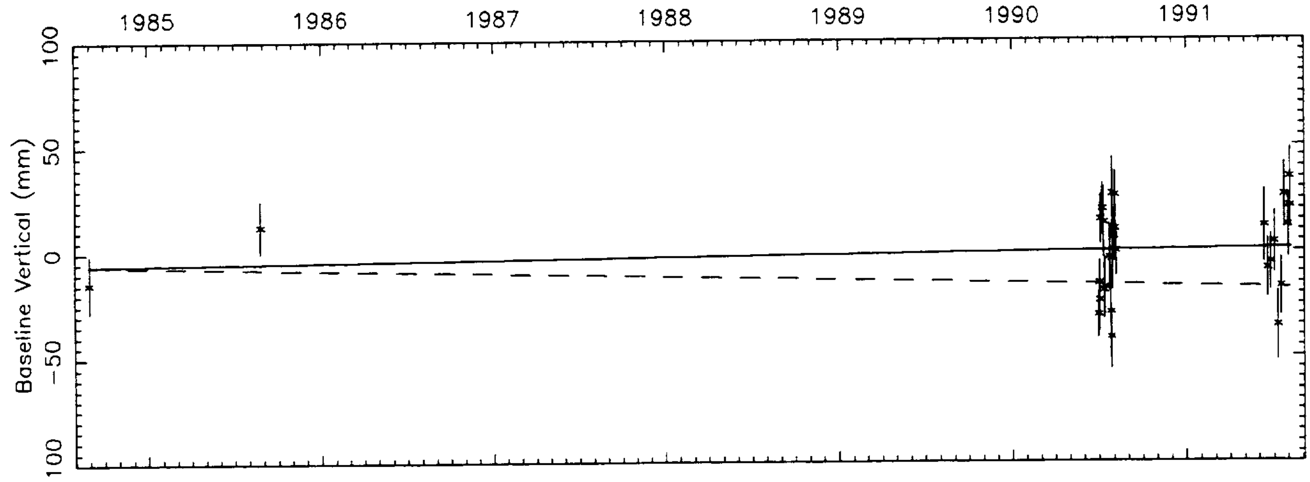


Observed Rate = -2.3 ± .7 mm/yr

NUVEL model rate = -1.6 mm/yr

Wrms of fit = 5.4 mm

Reduced Chi square = 4.38



Observed Rate = 1.1 ± 2.4 mm/yr

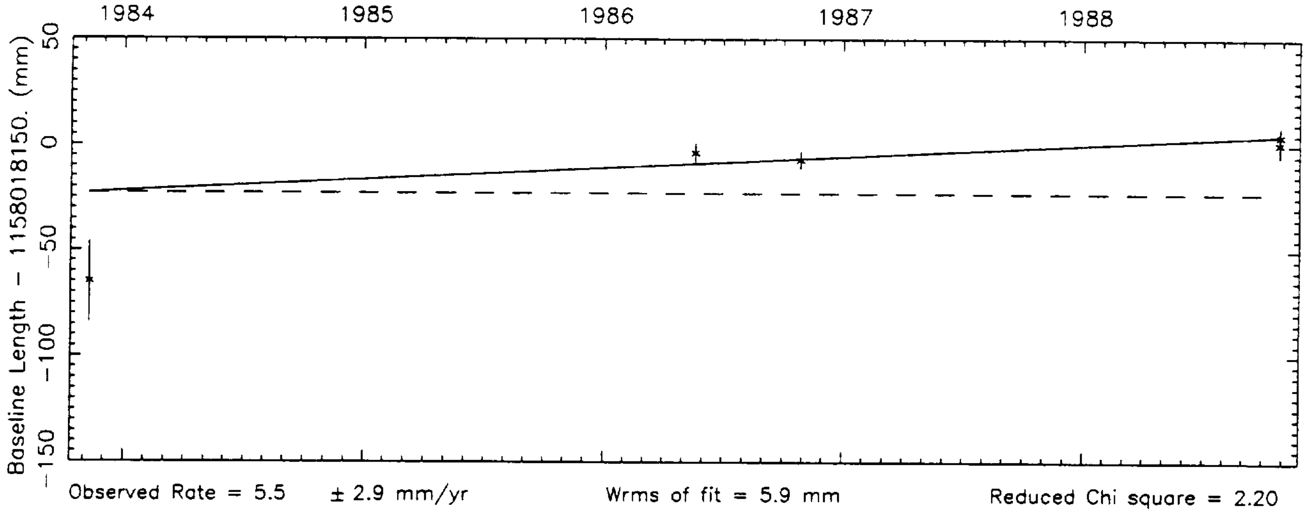
NUVEL model rate = -1.7 mm/yr

Wrms of fit = 19.8 mm

Reduced Chi square = 2.31

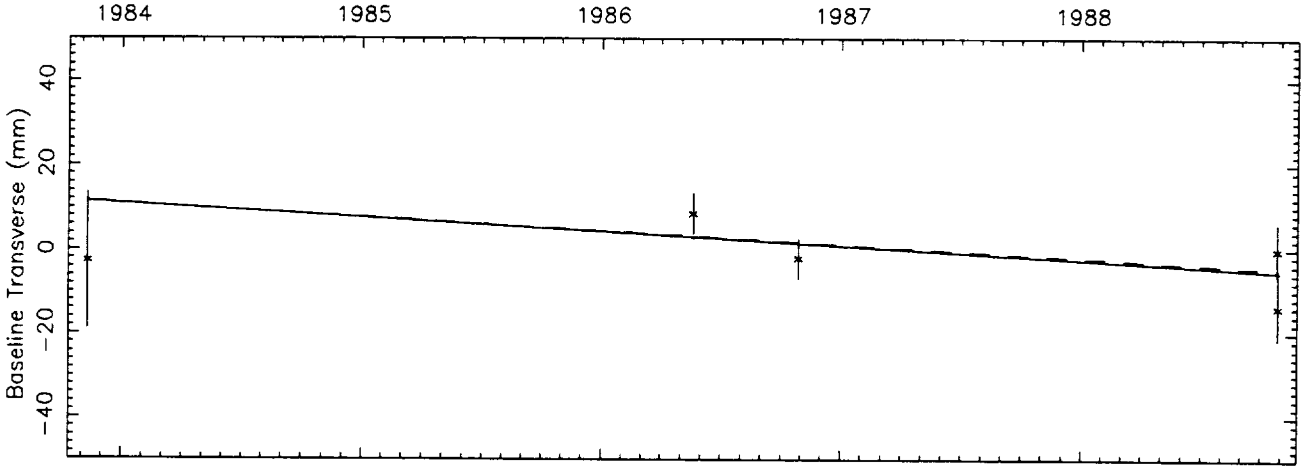
Vector baseline plots for BLKBUTTE-HRAS 085

Baseline length = 1158 kilometers   Number of sessions = 5



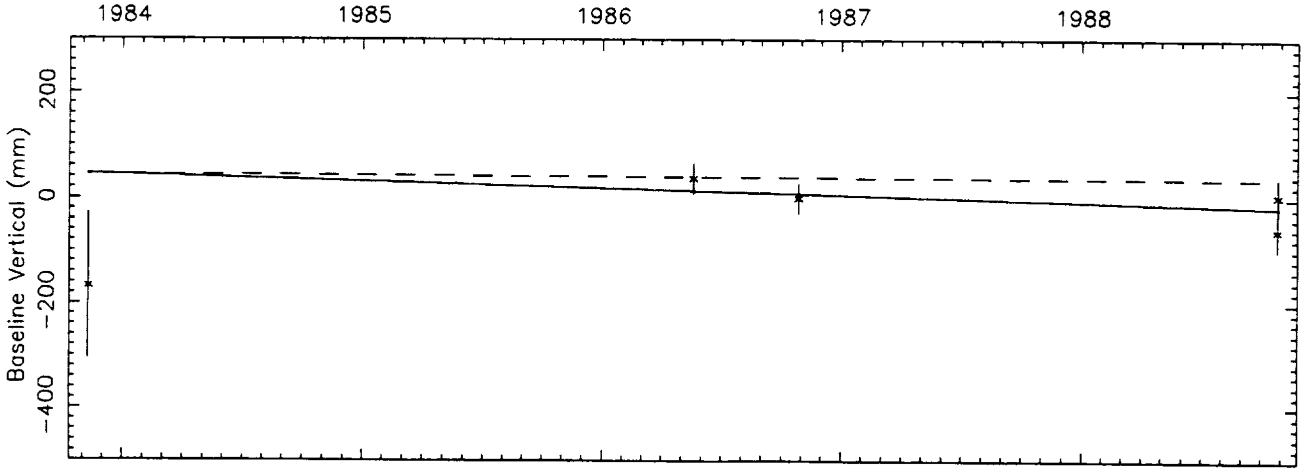
Observed Rate = 5.5 ± 2.9 mm/yr   Wrms of fit = 5.9 mm   Reduced Chi square = 2.20

NUVEL model rate = .0 mm/yr   Weighted mean length = 1158018147.0 mm



Observed Rate = -3.4 ± 2.9 mm/yr   Wrms of fit = 5.9 mm   Reduced Chi square = 1.52

NUVEL model rate = -3.3 mm/yr



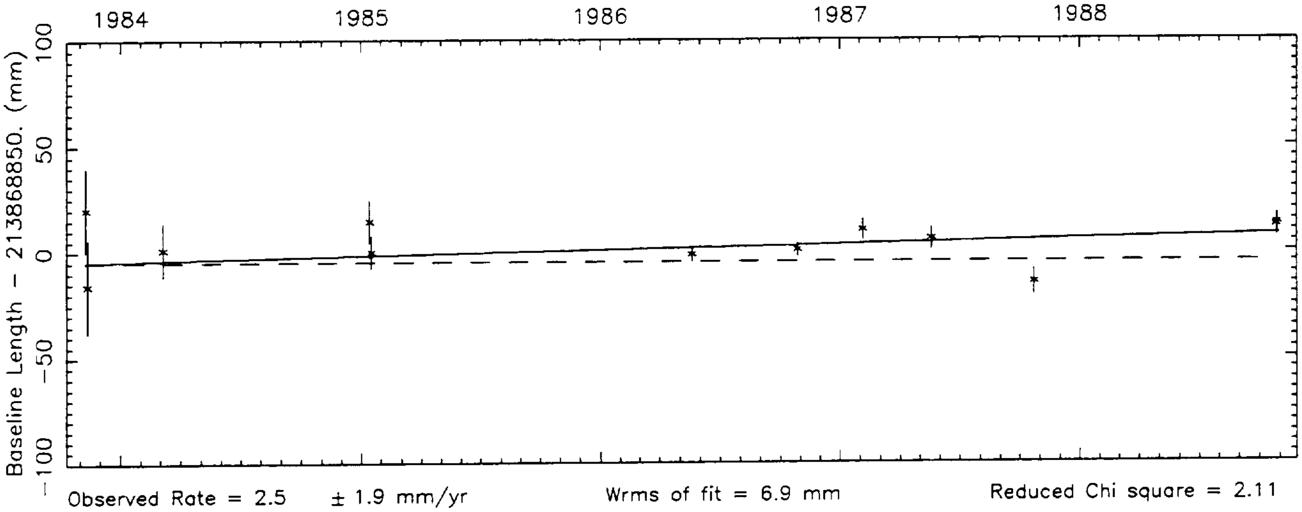
Observed Rate = -12.3 ± 16.9 mm/yr   Wrms of fit = 34.2 mm   Reduced Chi square = 1.61

NUVEL model rate = -1.7 mm/yr

Vector baseline plots for BLKBUTTE-MOJAVE12

Baseline length = 214 kilometers

Number of sessions = 12



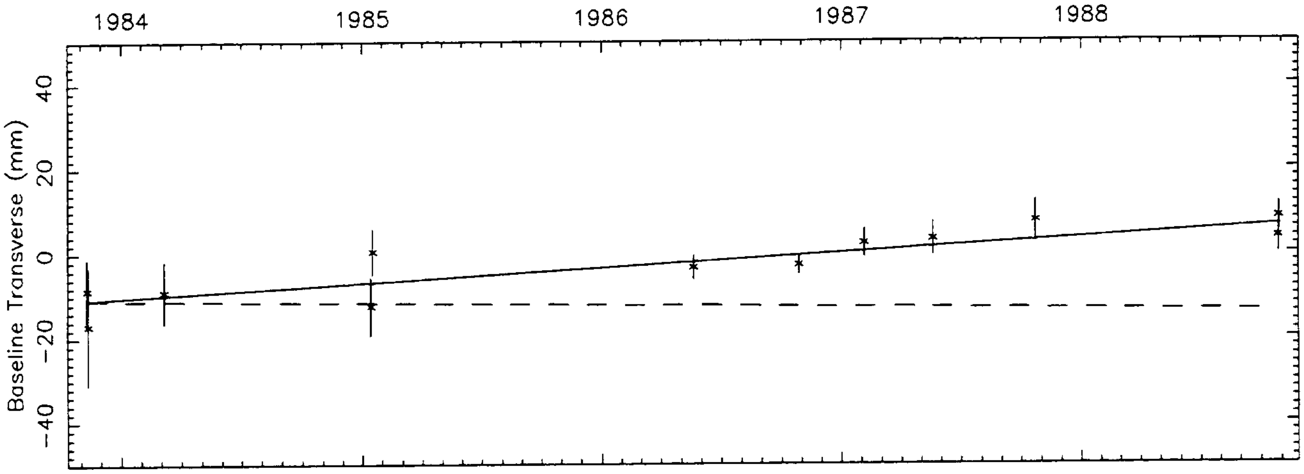
Observed Rate = 2.5 ± 1.9 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 6.9 mm

Weighted mean length = 213868853.3 mm

Reduced Chi square = 2.11

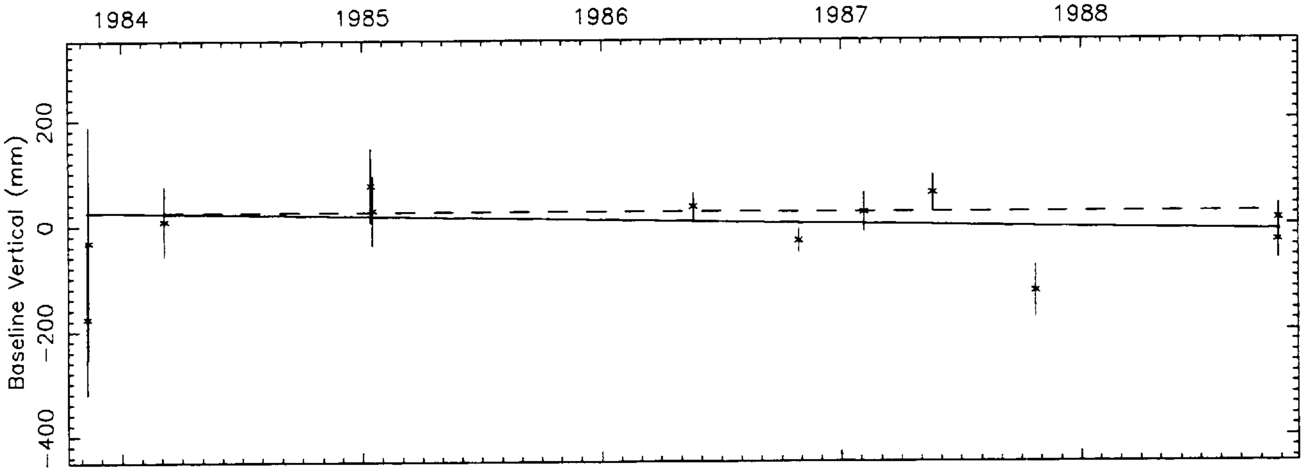


Observed Rate = 3.5 ± .7 mm/yr

NUVEL model rate = -.6 mm/yr

Wrms of fit = 2.9 mm

Reduced Chi square = .64



Observed Rate = -7.6 ± 11.9 mm/yr

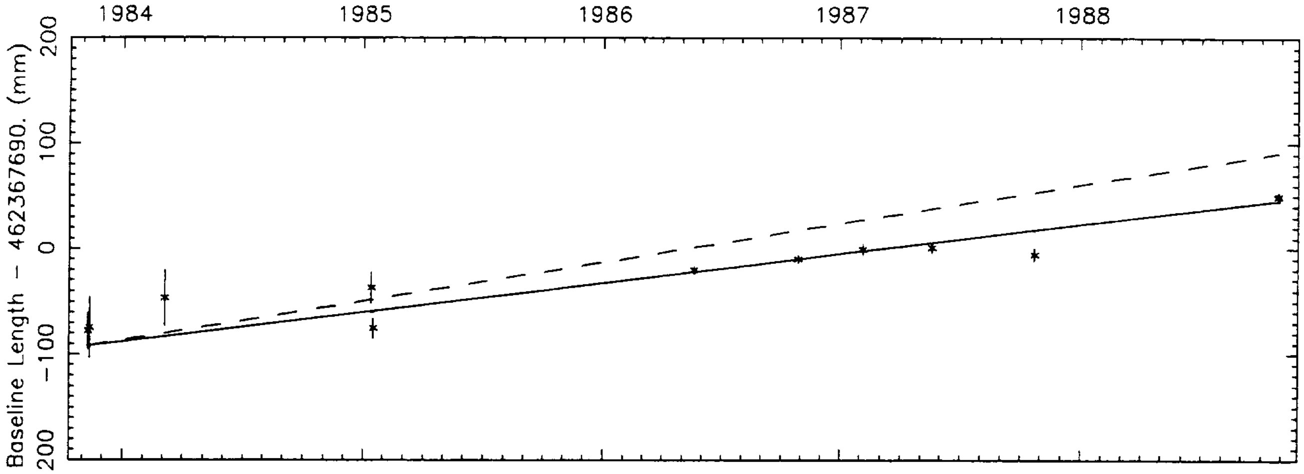
NUVEL model rate = -.1 mm/yr

Wrms of fit = 44.9 mm

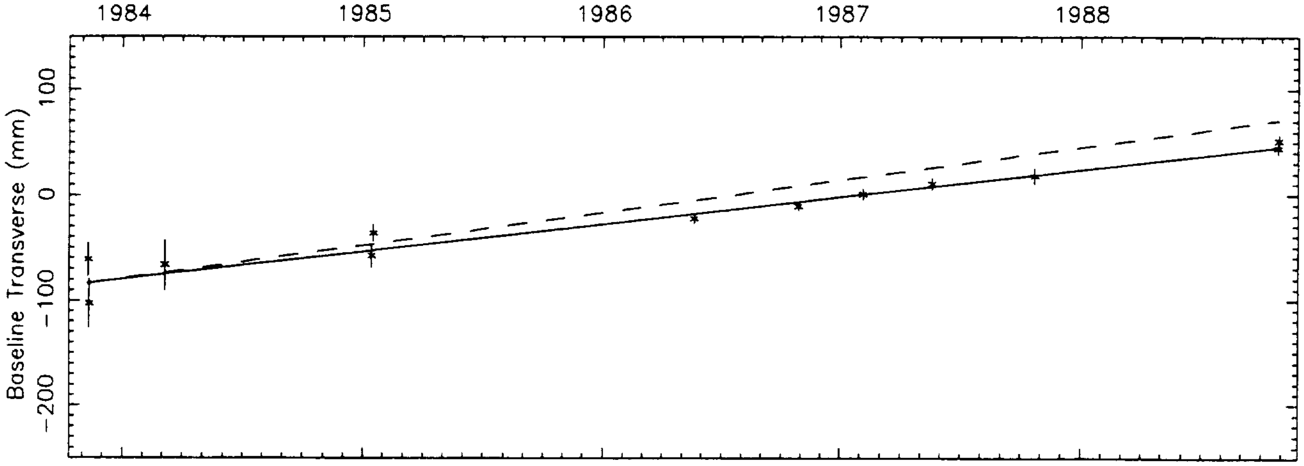
Reduced Chi square = 1.66

Vector baseline plots for BLKBUTTE–VNDNBERG

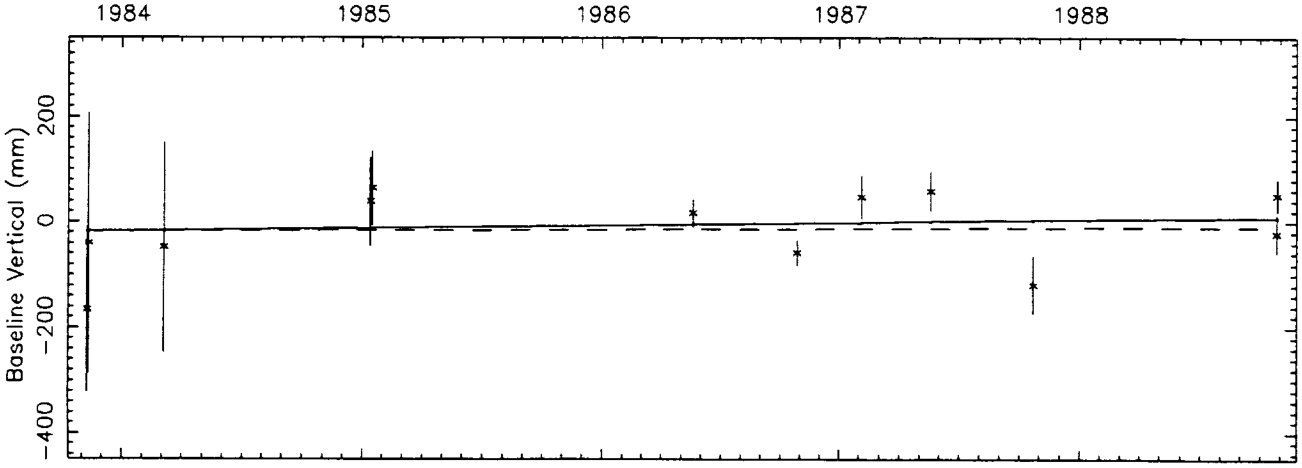
Baseline length = 462 kilometers   Number of sessions = 12



Observed Rate = 27.7 ± 2.2 mm/yr   Wrms of fit = 7.1 mm   Reduced Chi square = 2.60
NUVEL model rate = 36.9 mm/yr   Weighted mean length = 462367691.2 mm



Observed Rate = 26.0 ± 1.6 mm/yr   Wrms of fit = 5.8 mm   Reduced Chi square = 1.15
NUVEL model rate = 31.2 mm/yr

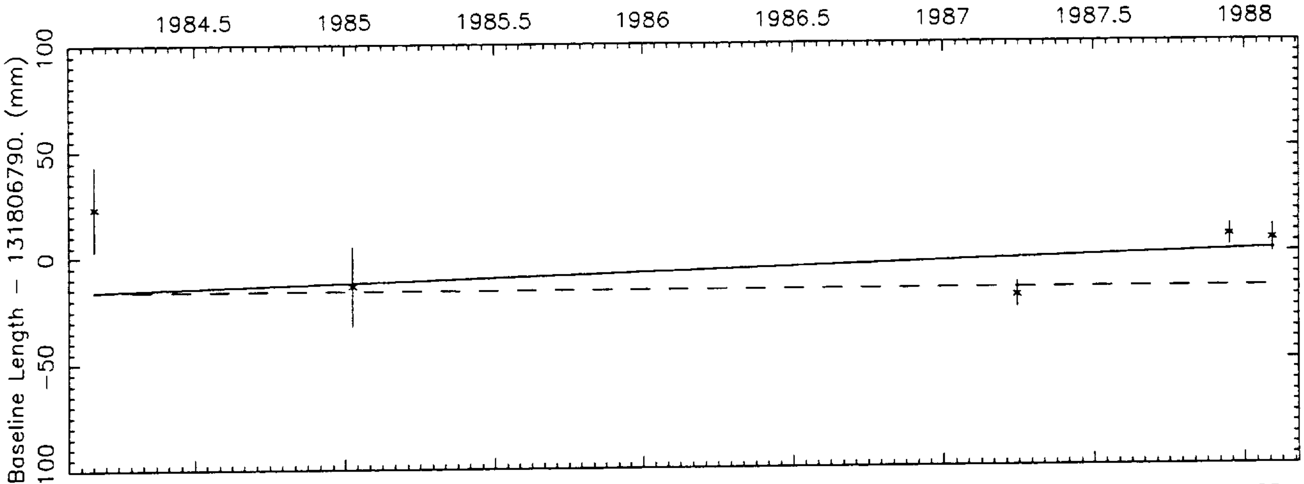


Observed Rate = 5.5 ± 15.3 mm/yr   Wrms of fit = 53.1 mm   Reduced Chi square = 2.01
NUVEL model rate = 1.9 mm/yr

Vector baseline plots for DEADMANL–MOJAVE12

Baseline length = 132 kilometers

Number of sessions = 5



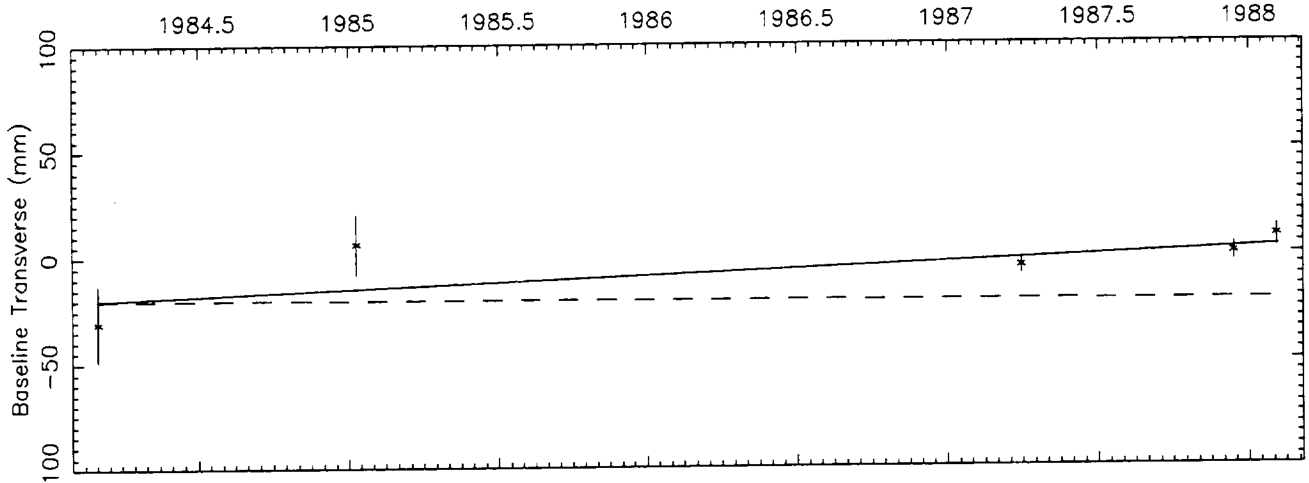
Observed Rate = 4.4 ± 8.8 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 12.4 mm

Weighted mean length = 131806789.1 mm

Reduced Chi square = 4.85

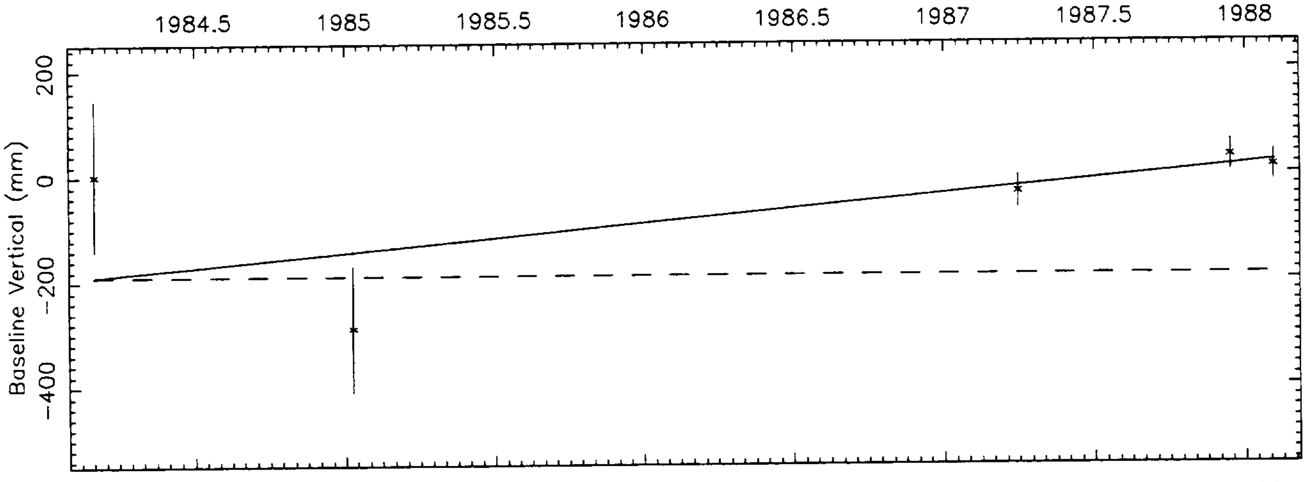


Observed Rate = 5.9 ± 4.1 mm/yr

NUVEL model rate = –.3 mm/yr

Wrms of fit = 5.2 mm

Reduced Chi square = 1.61



Observed Rate = 54.0 ± 28.6 mm/yr

NUVEL model rate = –.1 mm/yr

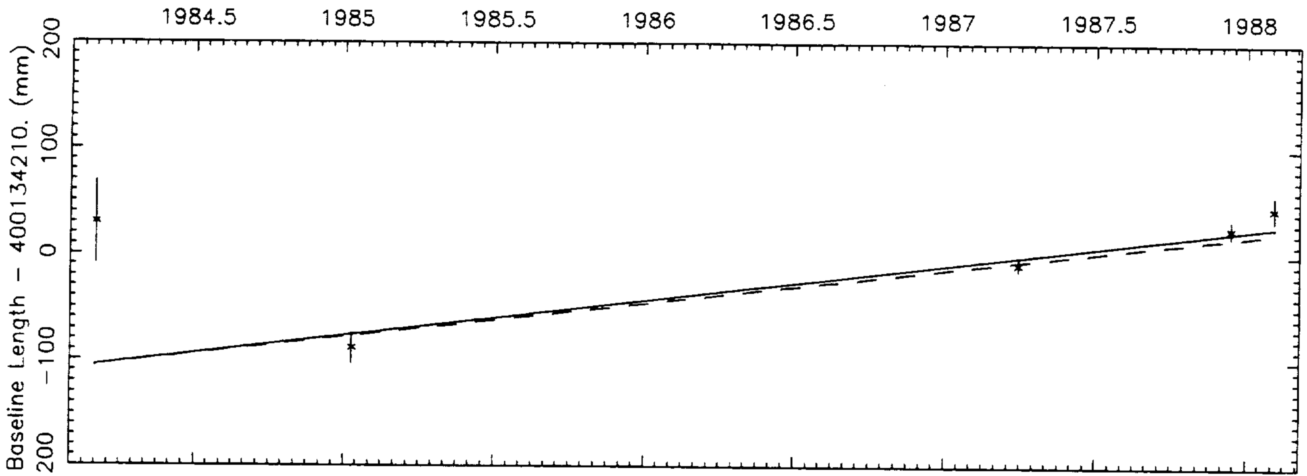
Wrms of fit = 32.7 mm

Reduced Chi square = 1.30

Vector baseline plots for DEADMANL–VNDNBERG

Baseline length = 400 kilometers

Number of sessions = 5



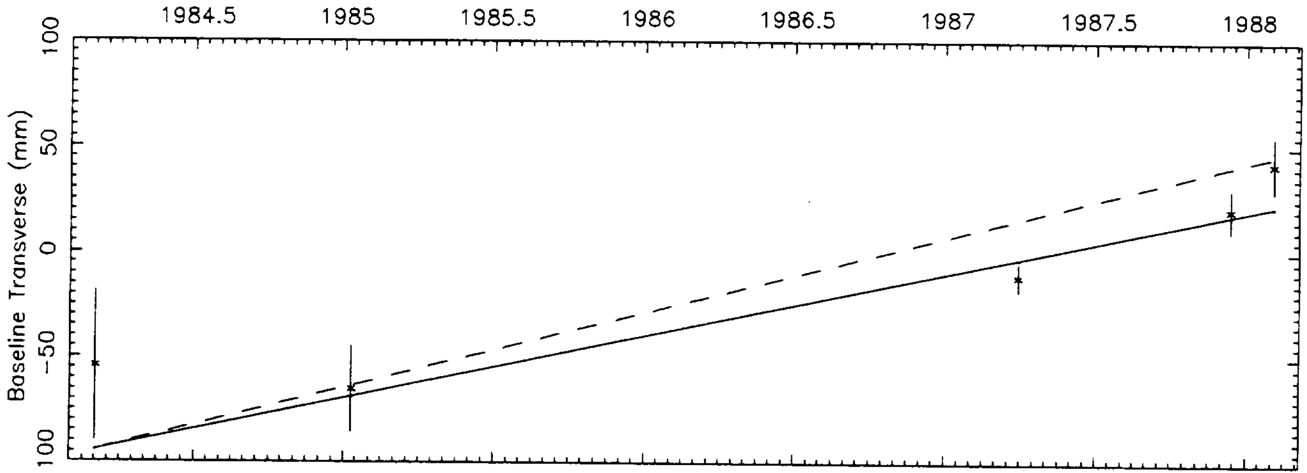
Observed Rate = 33.8 ± 11.4 mm/yr

NUVEL model rate = 32.4 mm/yr

Wrms of fit = 17.2 mm

Weighted mean length = 400134210.7 mm

Reduced Chi square = 5.44

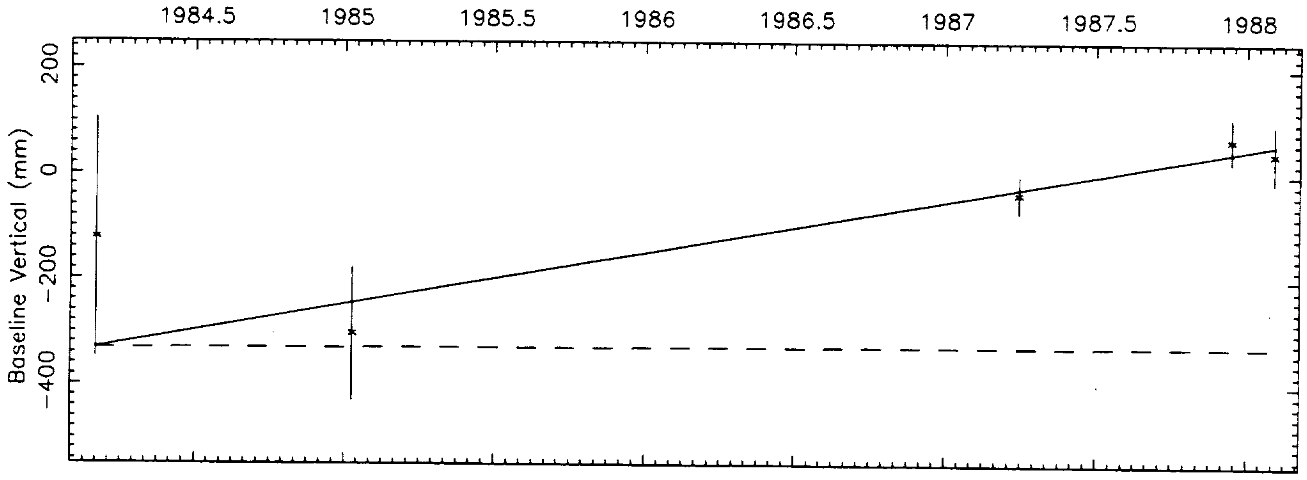


Observed Rate = 29.7 ± 7.9 mm/yr

NUVEL model rate = 35.8 mm/yr

Wrms of fit = 11.3 mm

Reduced Chi square = 1.73



Observed Rate = 99.4 ± 24.2 mm/yr

NUVEL model rate = 1.6 mm/yr

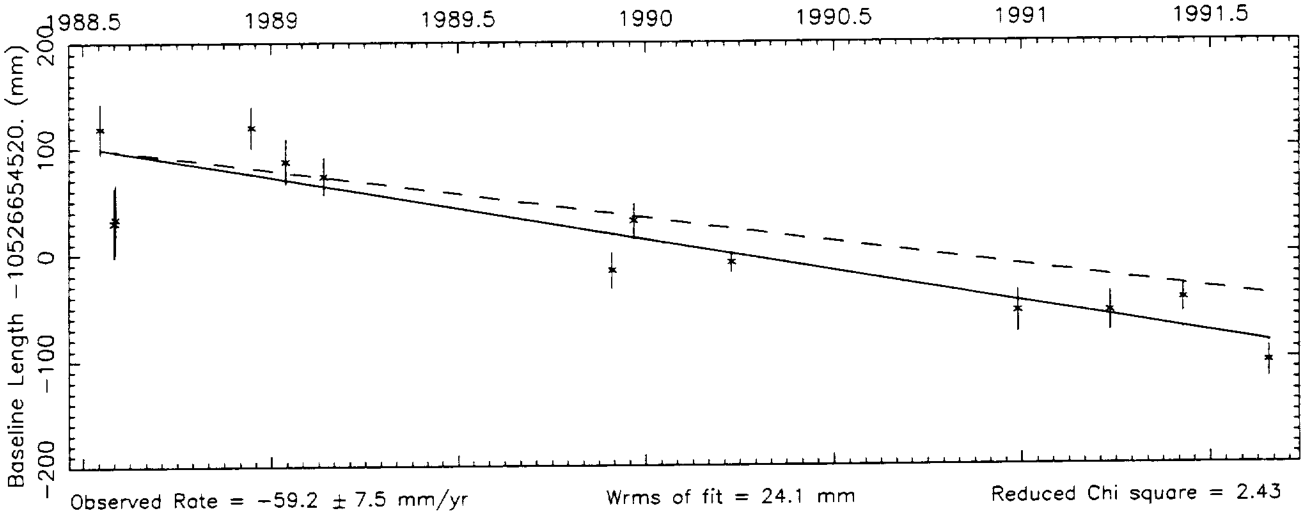
Wrms of fit = 29.6 mm

Reduced Chi square = .51

Vector baseline plots for DSS45 -GILCREEK

Baseline length = 10527 kilometers

Number of sessions = 13



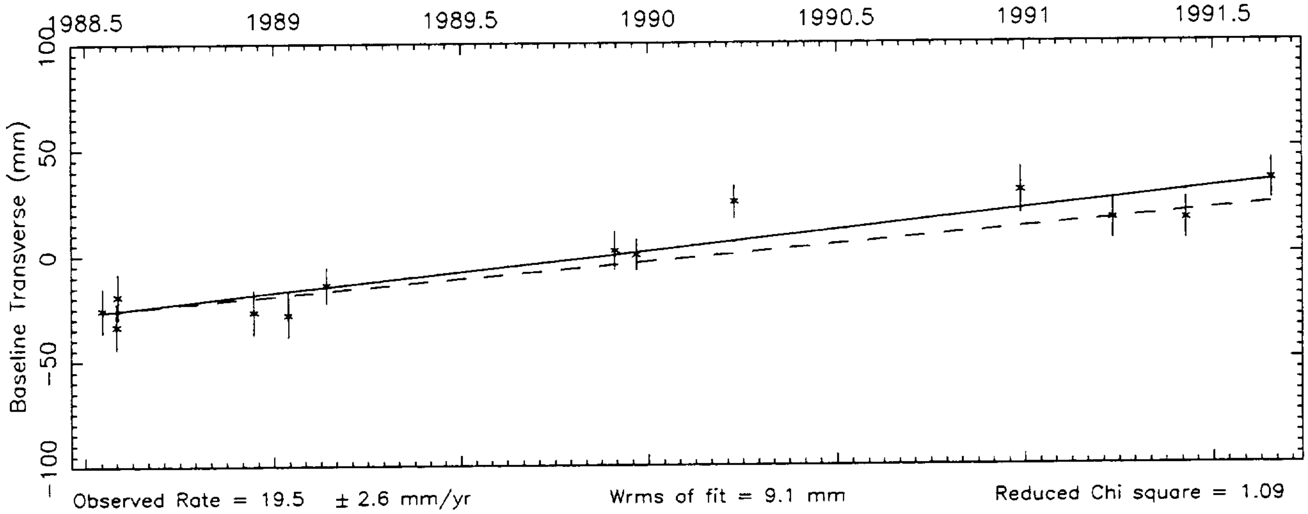
Observed Rate = -59.2 ± 7.5 mm/yr

NUVEL model rate = -45.2 mm/yr

Wrms of fit = 24.1 mm

Weighted mean length = 10526654518.9 mm

Reduced Chi square = 2.43

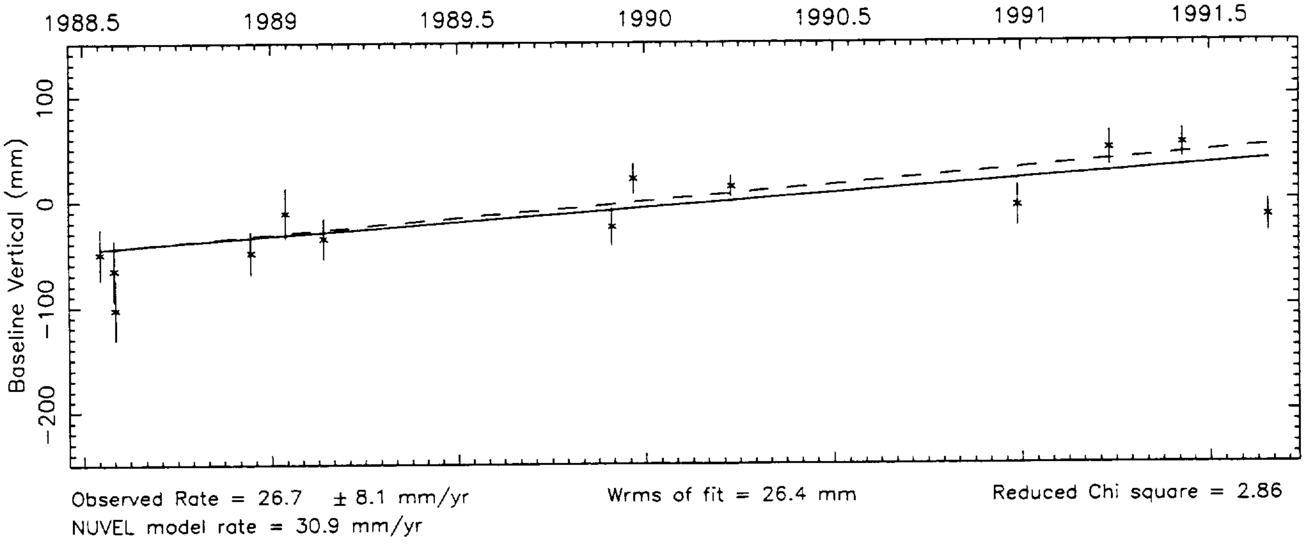


Observed Rate = 19.5 ± 2.6 mm/yr

NUVEL model rate = 16.0 mm/yr

Wrms of fit = 9.1 mm

Reduced Chi square = 1.09



Observed Rate = 26.7 ± 8.1 mm/yr

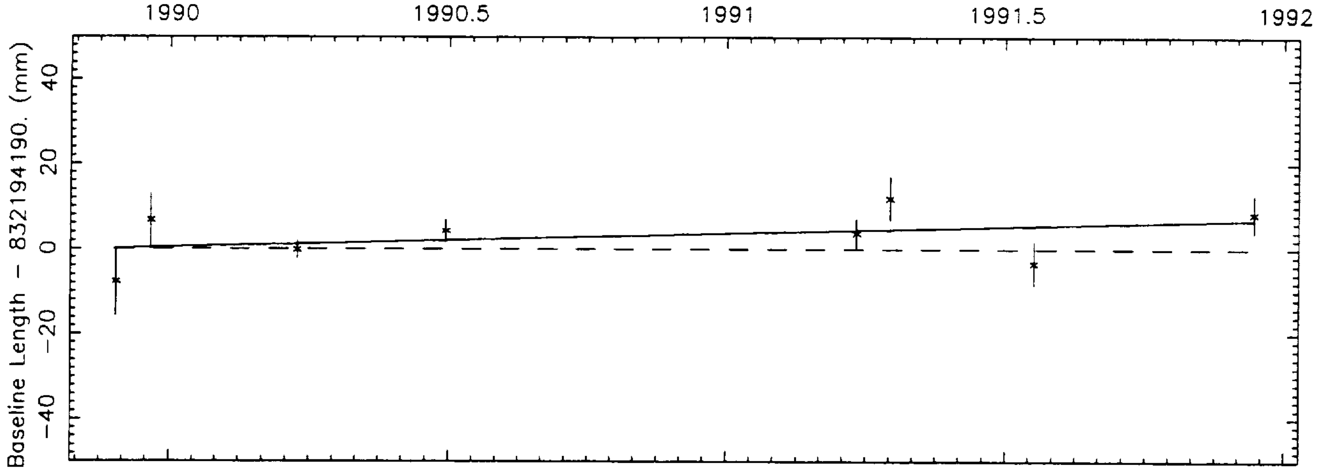
NUVEL model rate = 30.9 mm/yr

Wrms of fit = 26.4 mm

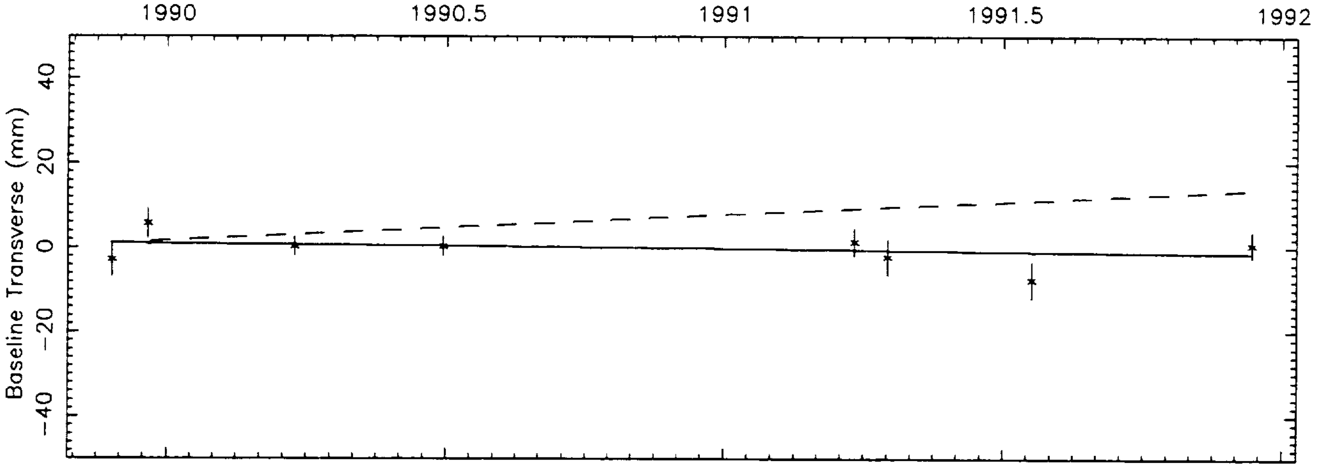
Reduced Chi square = 2.86

Vector baseline plots for DSS45 −HOBART26

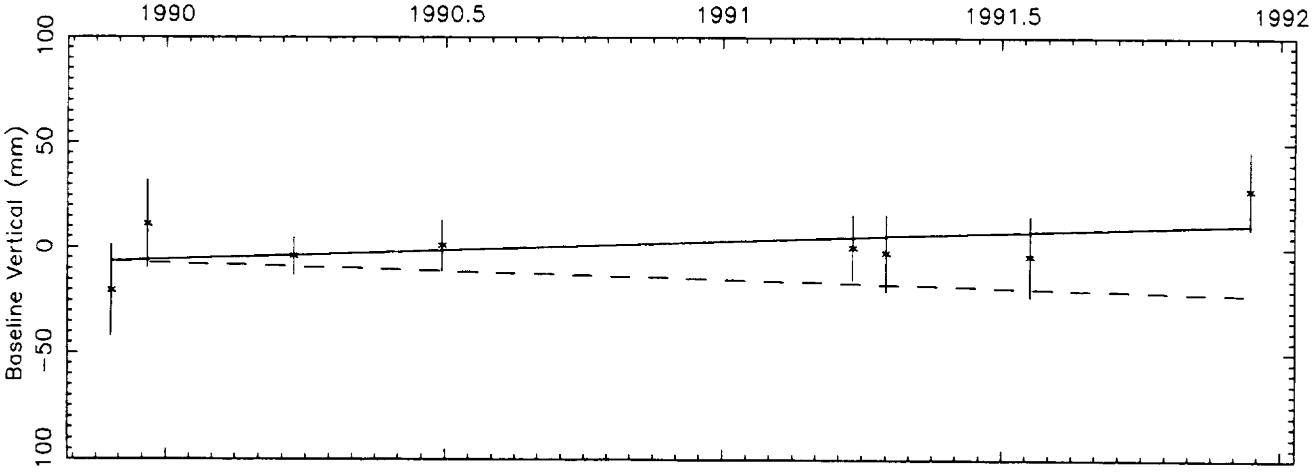
Baseline length = 832 kilometers   Number of sessions = 8



Observed Rate = 3.3 ± 2.5 mm/yr   Wrms of fit = 3.6 mm   Reduced Chi square = 1.40
NUVEL model rate = .0 mm/yr   Weighted mean length = 832194192.6 mm



Observed Rate = −1.2 ± 1.6 mm/yr   Wrms of fit = 2.7 mm   Reduced Chi square = 1.00
NUVEL model rate = 6.1 mm/yr

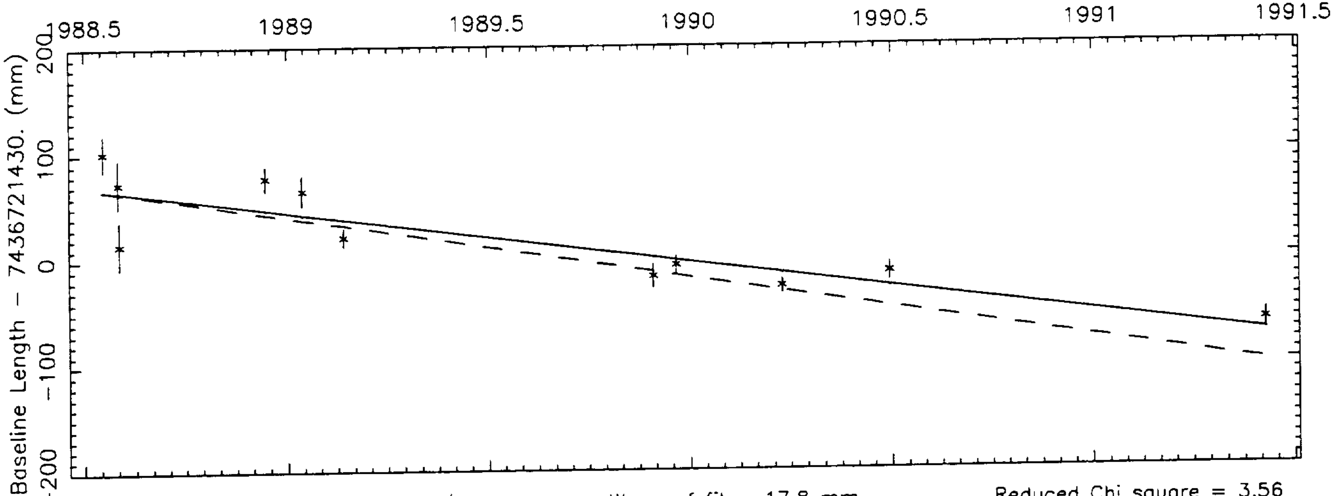


Observed Rate = 8.7 ± 5.5 mm/yr   Wrms of fit = 8.4 mm   Reduced Chi square = .42
NUVEL model rate = −7.6 mm/yr

Vector baseline plots for DSS45 -KASHIMA

Baseline length = 7437 kilometers

Number of sessions = 11



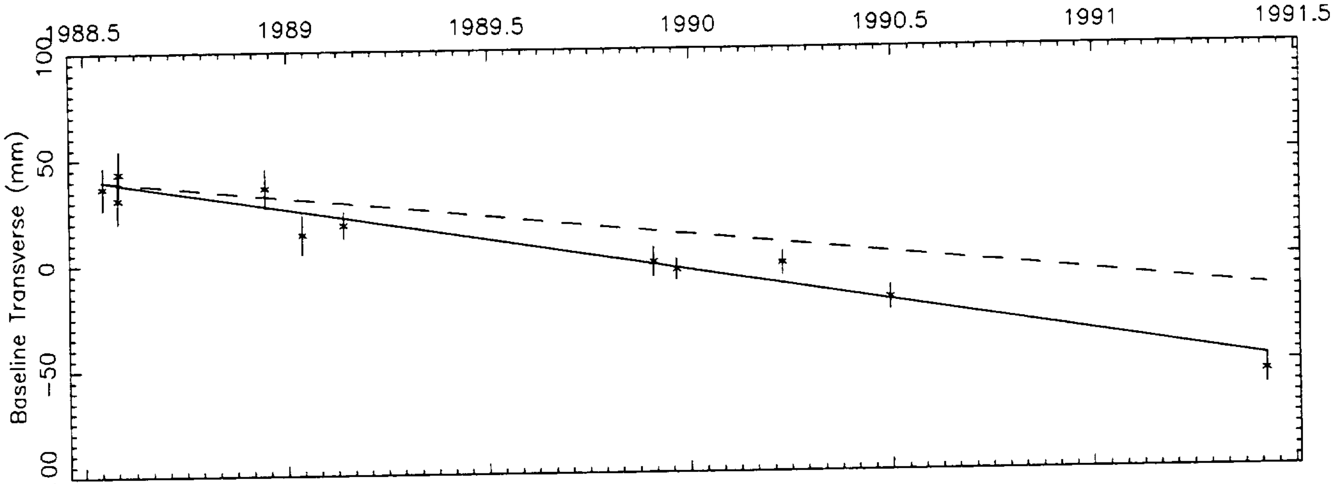
Observed Rate = -48.4 ± 7.3 mm/yr

NUVEL model rate = -58.4 mm/yr

Wrms of fit = 17.8 mm

Weighted mean length = 7436721428.8 mm

Reduced Chi square = 3.56

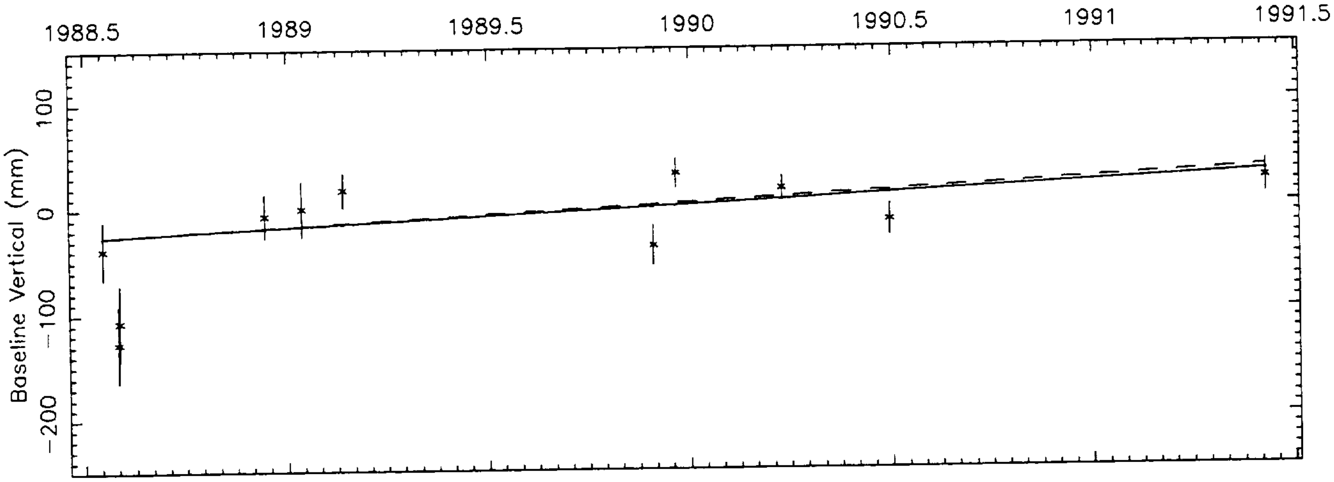


Observed Rate = -30.4 ± 2.4 mm/yr

NUVEL model rate = -18.8 mm/yr

Wrms of fit = 5.9 mm

Reduced Chi square = .83



Observed Rate = 19.0 ± 12.3 mm/yr

NUVEL model rate = 20.5 mm/yr

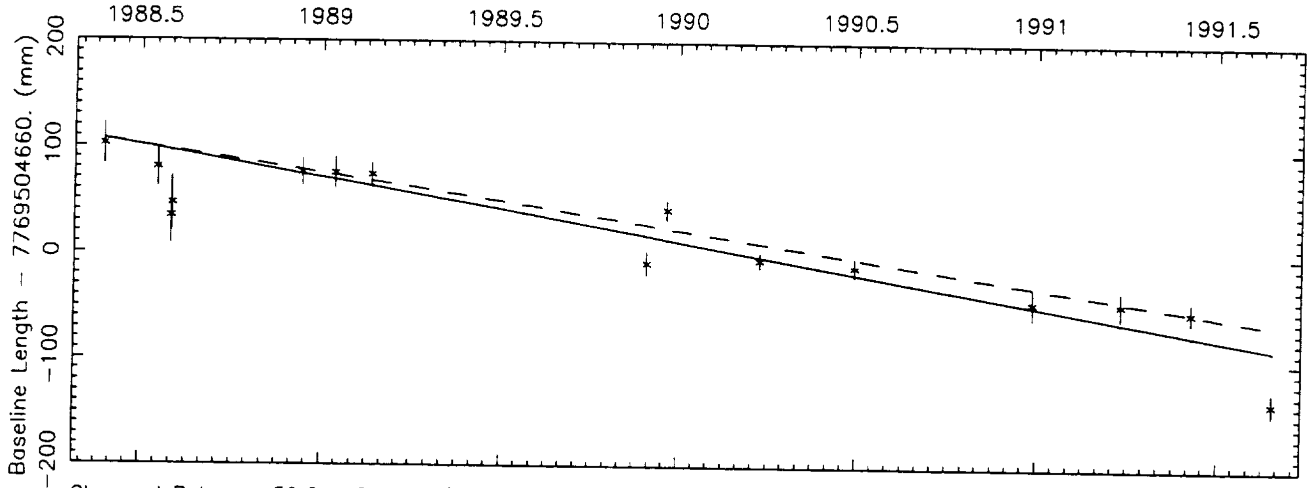
Wrms of fit = 29.7 mm

Reduced Chi square = 3.36

Vector baseline plots for DSS45 −KAUAI

Baseline length = 7770 kilometers

Number of sessions = 15



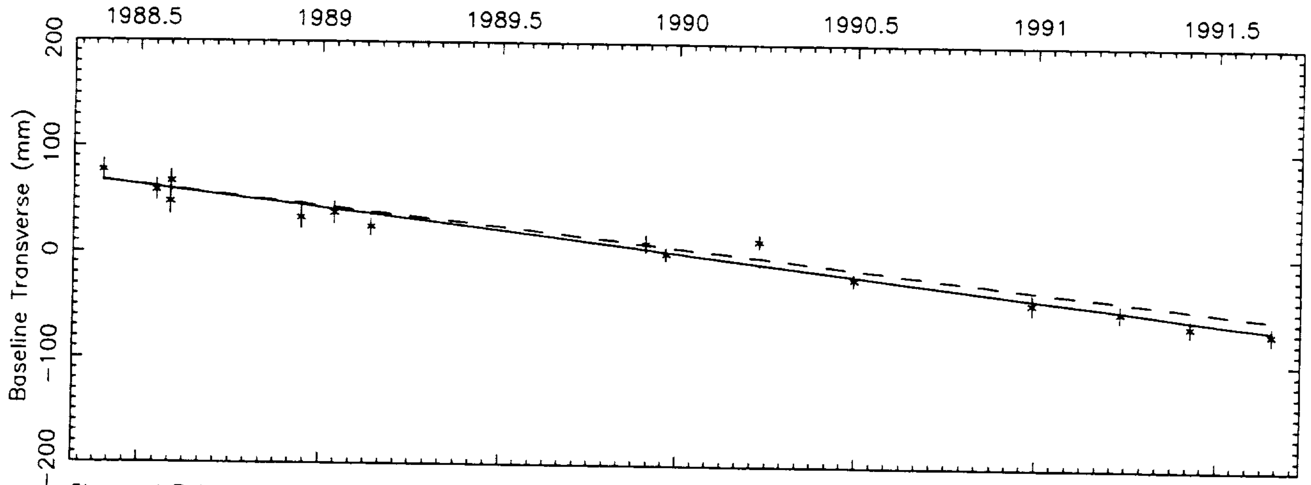
Observed Rate = −59.2 ± 6.8 mm/yr

NUVEL model rate = −52.3 mm/yr

Wrms of fit = 22.5 mm

Weighted mean length = 7769504661.6 mm

Reduced Chi square = 4.34

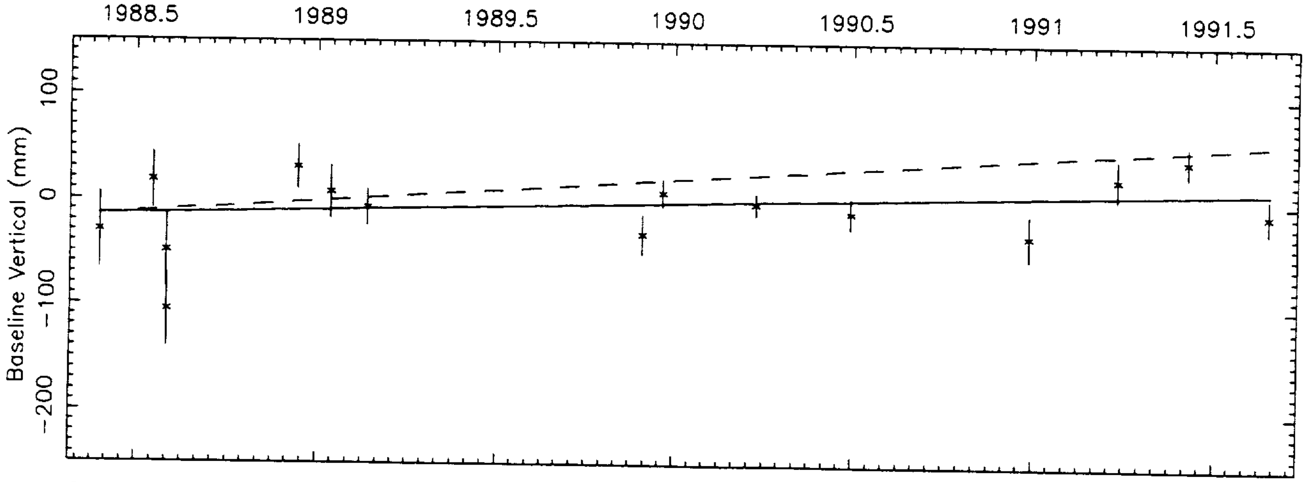


Observed Rate = −41.4 ± 2.6 mm/yr

NUVEL model rate = −38.3 mm/yr

Wrms of fit = 9.4 mm

Reduced Chi square = 1.49



Observed Rate = 8.2 ± 7.2 mm/yr

NUVEL model rate = 22.0 mm/yr

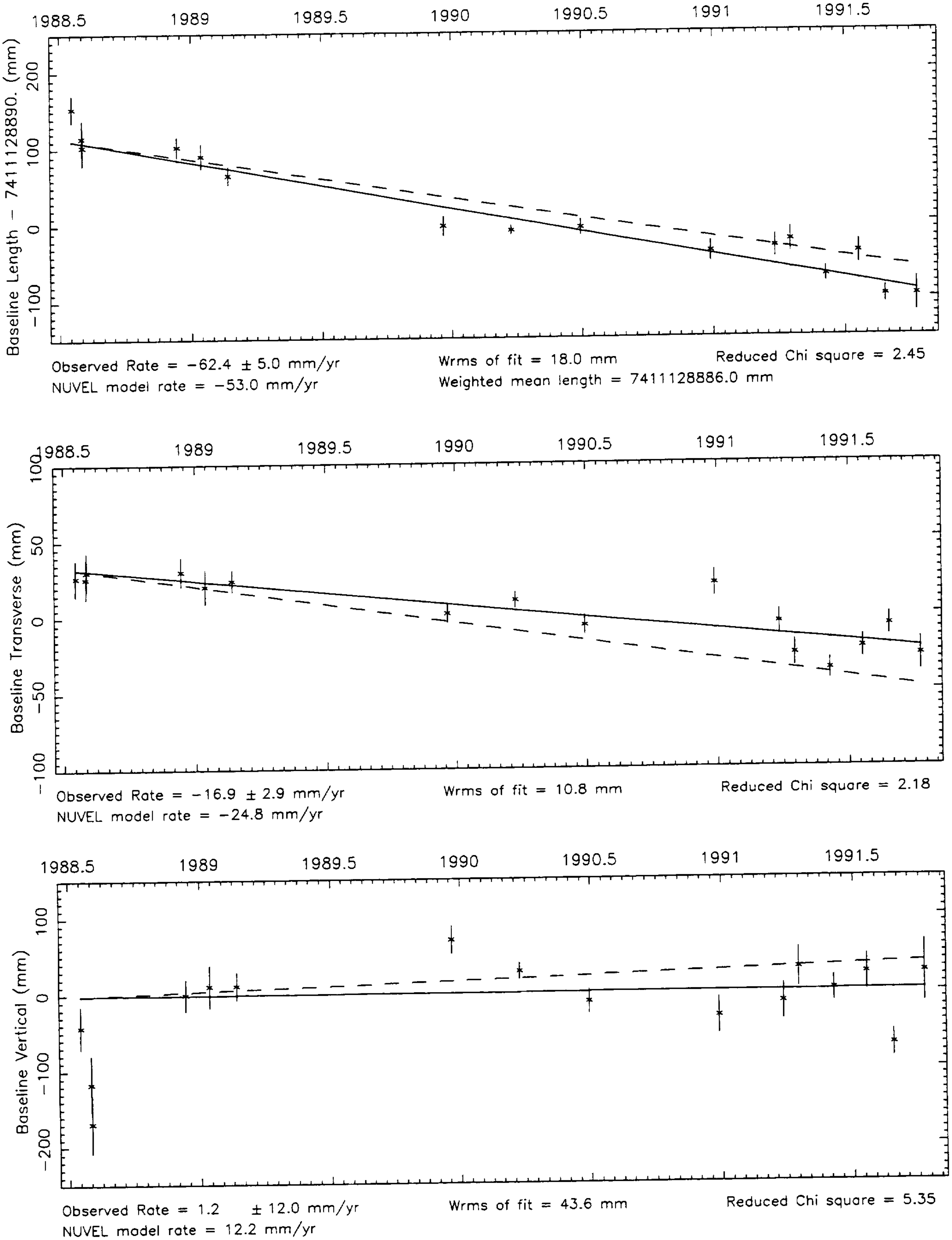
Wrms of fit = 24.1 mm

Reduced Chi square = 2.14

Vector baseline plots for DSS45 –SESHAN25

Baseline length = 7411 kilometers

Number of sessions = 16



Observed Rate = –62.4 ± 5.0 mm/yr
NUVEL model rate = –53.0 mm/yr

Wrms of fit = 18.0 mm
Weighted mean length = 7411128886.0 mm

Reduced Chi square = 2.45

Observed Rate = –16.9 ± 2.9 mm/yr
NUVEL model rate = –24.8 mm/yr

Wrms of fit = 10.8 mm

Reduced Chi square = 2.18

Observed Rate = 1.2 ± 12.0 mm/yr
NUVEL model rate = 12.2 mm/yr

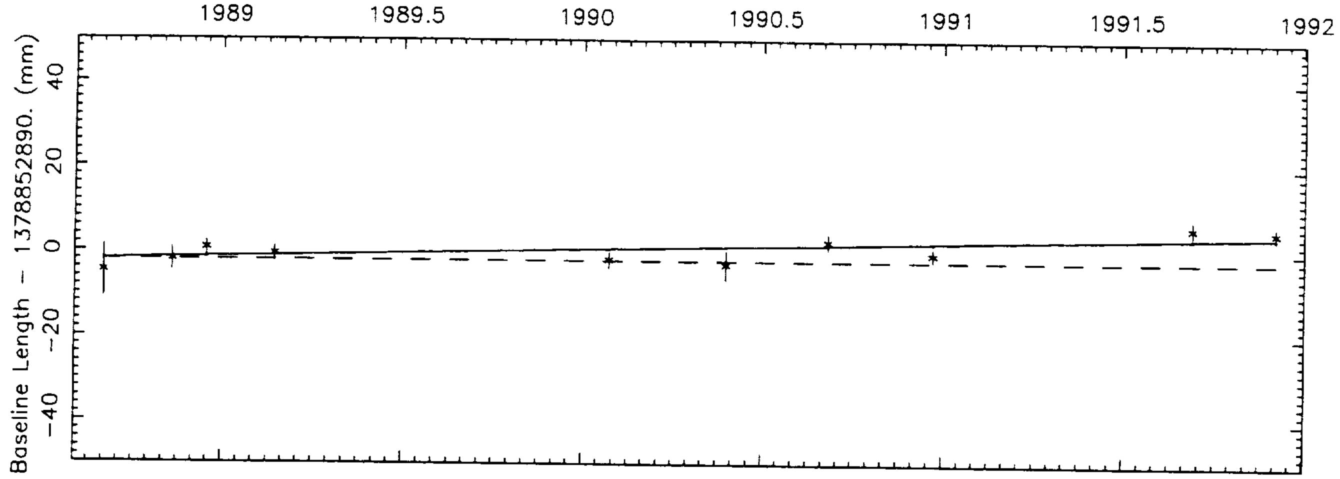
Wrms of fit = 43.6 mm

Reduced Chi square = 5.35

Vector baseline plots for DSS65 −MEDICINA

Baseline length = 1379 kilometers

Number of sessions = 10



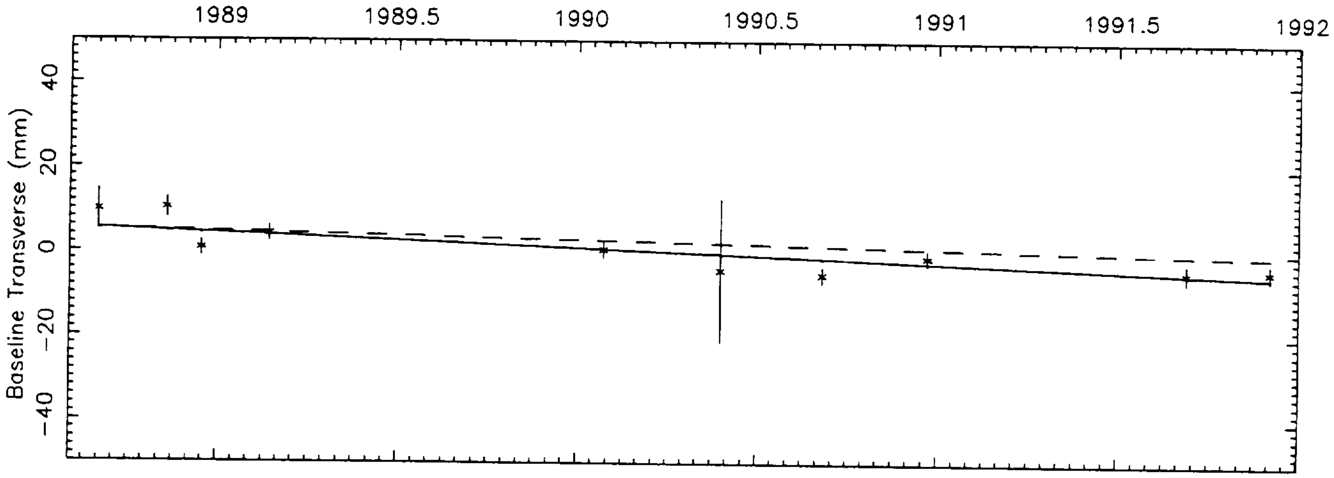
Observed Rate = 1.9 ± .6 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 2.0 mm

Weighted mean length = 1378852891.2 mm

Reduced Chi square = 1.31

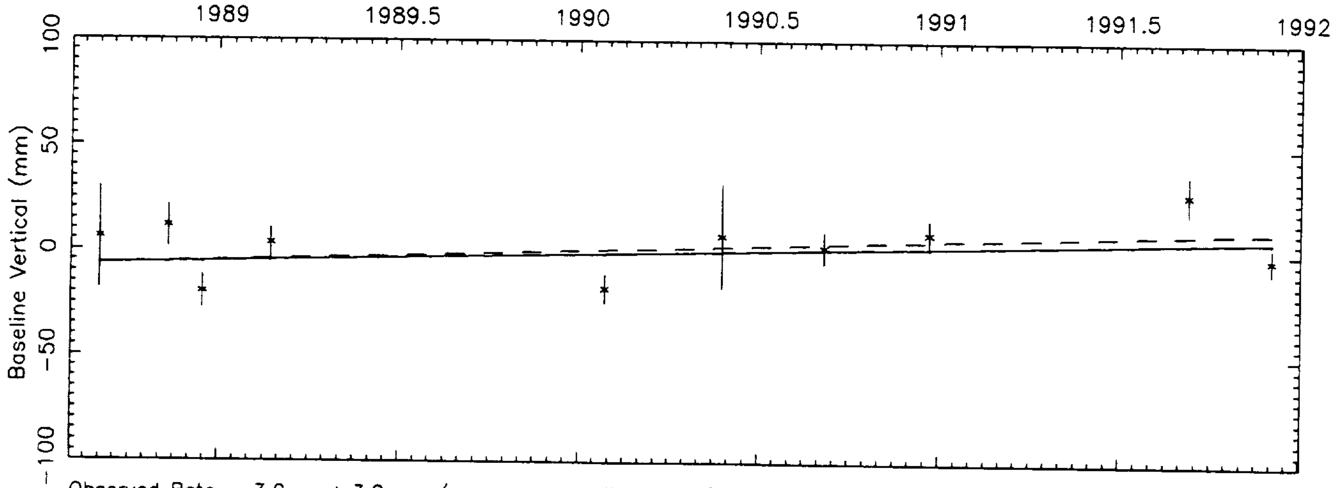


Observed Rate = −3.3 ± .9 mm/yr

NUVEL model rate = −1.9 mm/yr

Wrms of fit = 2.7 mm

Reduced Chi square = 1.85



Observed Rate = 3.9 ± 3.9 mm/yr

NUVEL model rate = 5.3 mm/yr

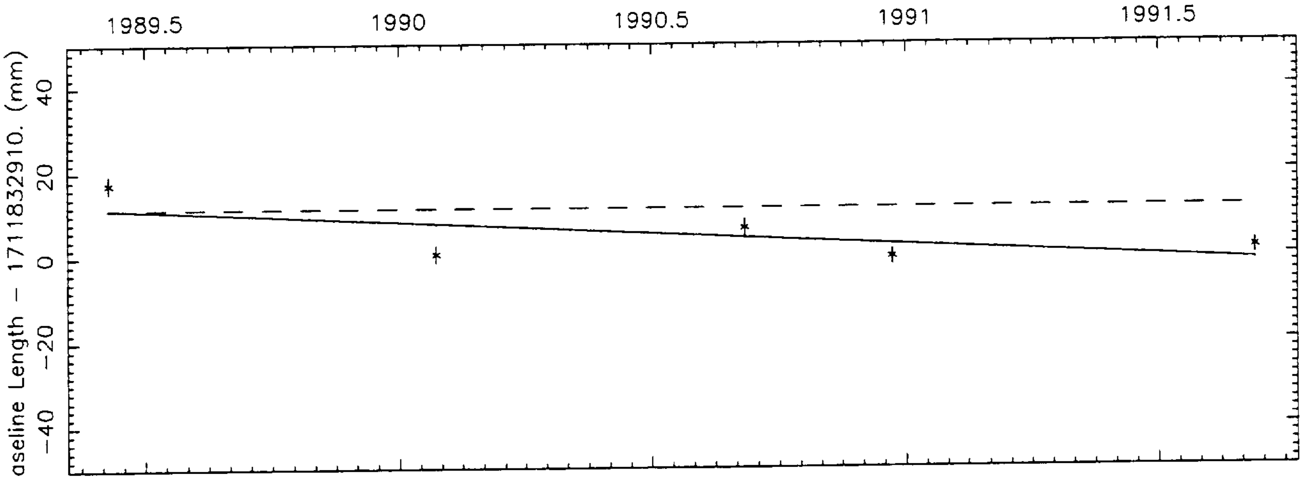
Wrms of fit = 12.4 mm

Reduced Chi square = 2.90

Vector baseline plots for DSS65 −NOTO

Baseline length = 1712 kilometers

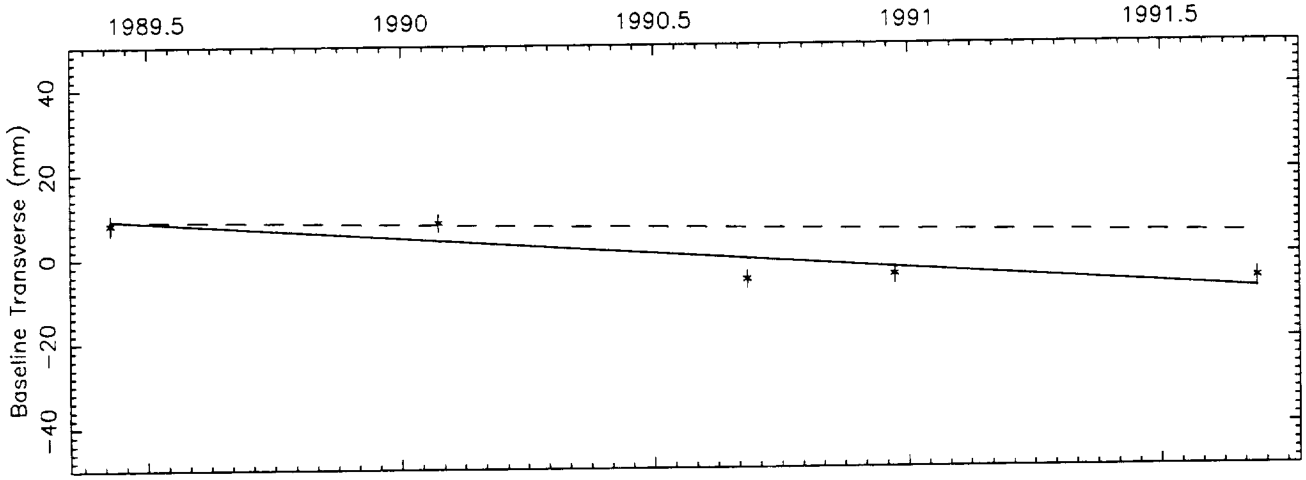
Number of sessions = 5



Observed Rate = −5.7 ± 3.4 mm/yr
NUVEL model rate = .0 mm/yr

Wrms of fit = 4.5 mm
Weighted mean length = 1711832914.4 mm

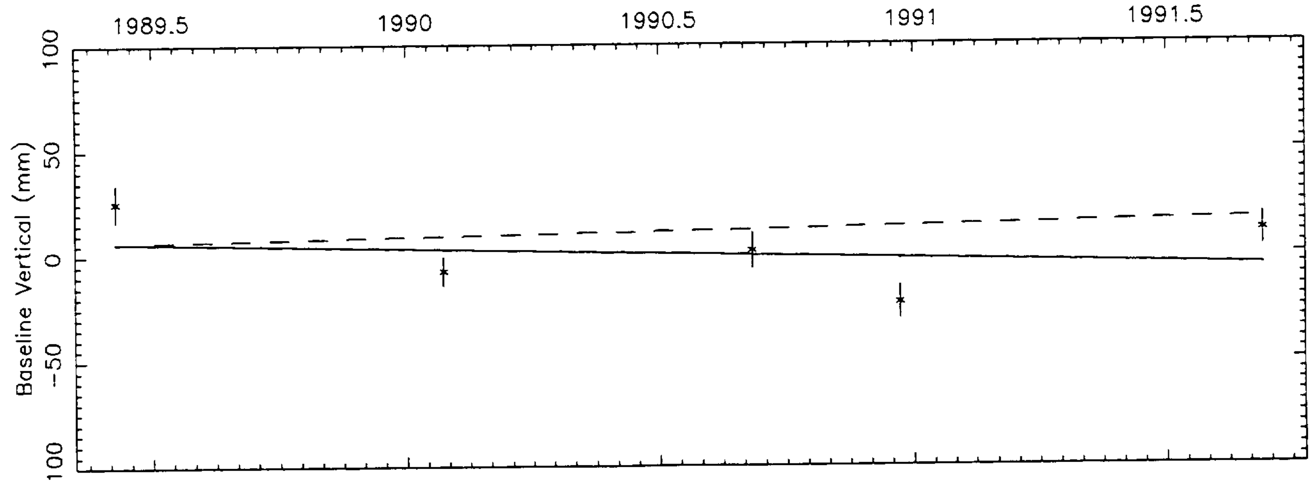
Reduced Chi square = 9.06



Observed Rate = −7.7 ± 2.6 mm/yr
NUVEL model rate = −1.8 mm/yr

Wrms of fit = 3.3 mm

Reduced Chi square = 3.82



Observed Rate = −5.2 ± 11.6 mm/yr
NUVEL model rate = 4.6 mm/yr

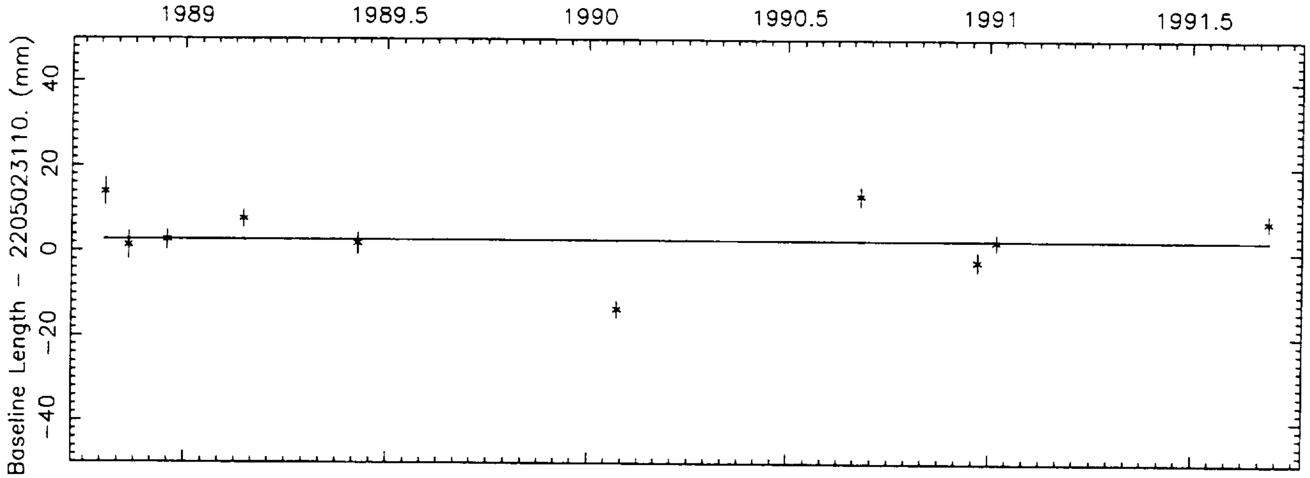
Wrms of fit = 15.1 mm

Reduced Chi square = 6.15

Vector baseline plots for DSS65 −ONSALA60

Baseline length = 2205 kilometers

Number of sessions = 10



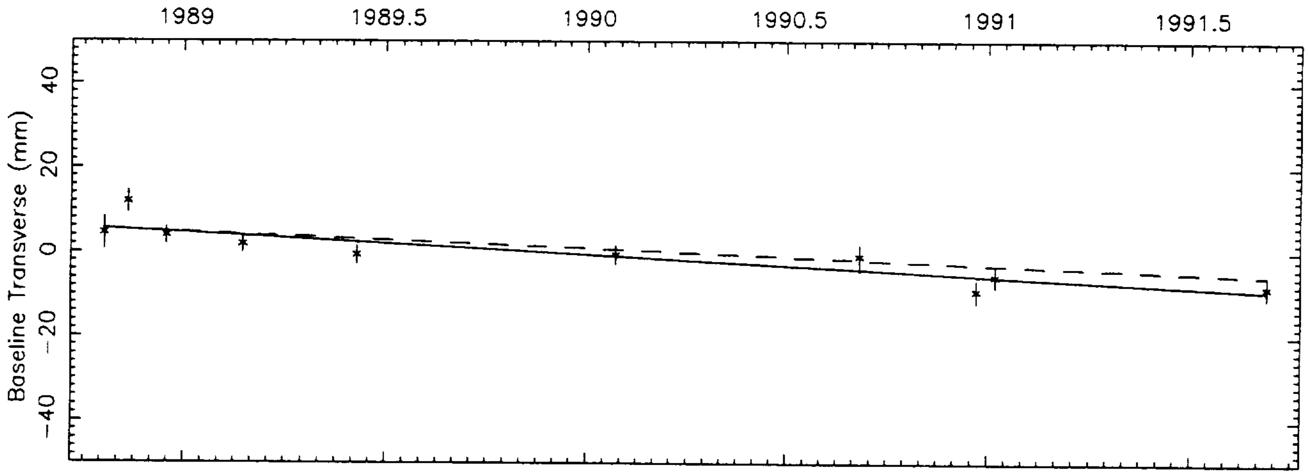
Observed Rate = .0 ± 2.7 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 7.6 mm

Weighted mean length = 2205023112.7 mm

Reduced Chi square = 13.64

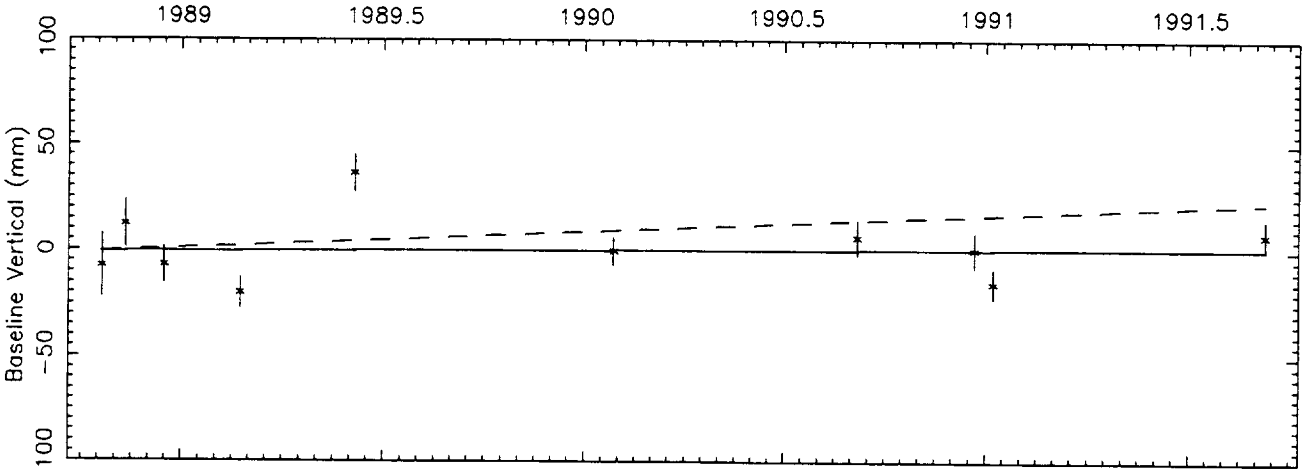


Observed Rate = −5.1 ± 1.0 mm/yr

NUVEL model rate = −3.8 mm/yr

Wrms of fit = 2.8 mm

Reduced Chi square = 1.57



Observed Rate = .6 ± 5.4 mm/yr

NUVEL model rate = 8.1 mm/yr

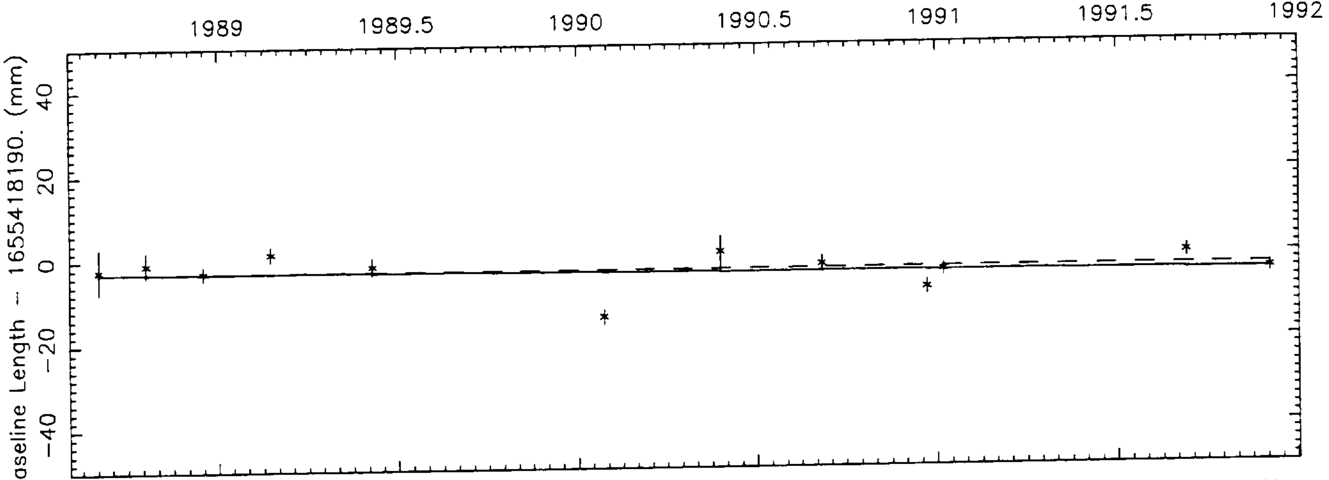
Wrms of fit = 14.8 mm

Reduced Chi square = 4.08

Vector baseline plots for DSS65 –WETTZELL

Baseline length = 1655 kilometers

Number of sessions = 12



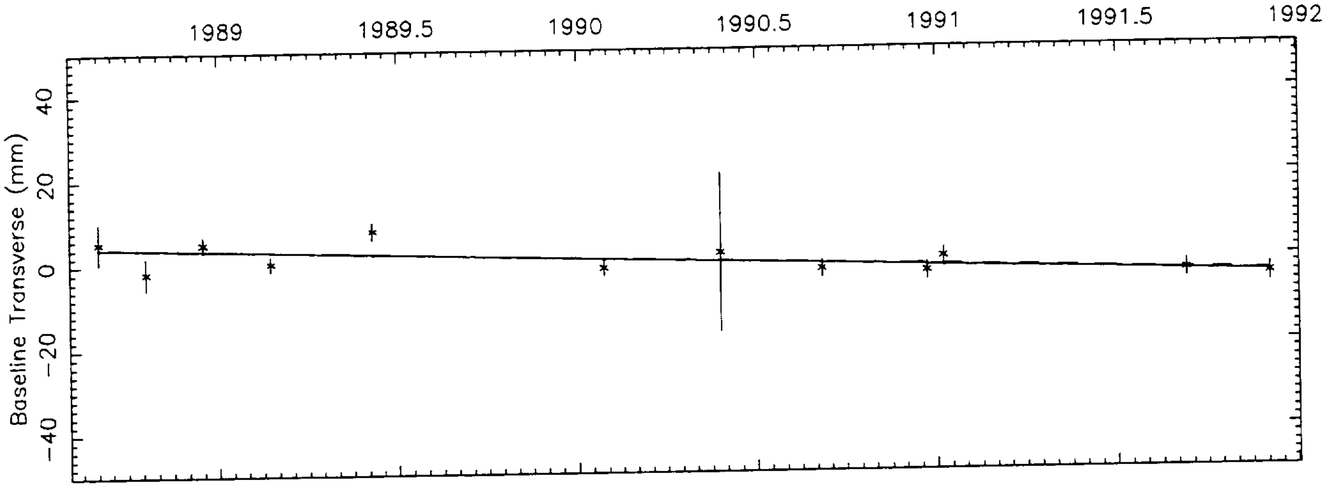
Observed Rate = –.4 ± 1.2 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 4.1 mm

Weighted mean length = 1655418186.2 mm

Reduced Chi square = 5.69

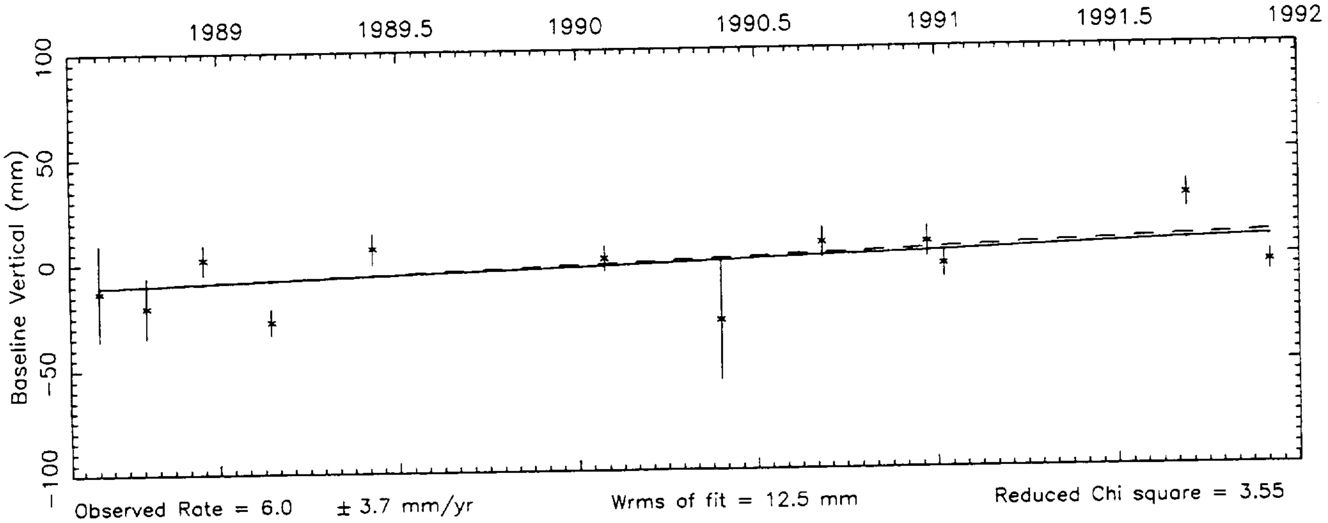


Observed Rate = –2.6 ± .8 mm/yr

NUVEL model rate = –2.5 mm/yr

Wrms of fit = 2.6 mm

Reduced Chi square = 1.57



Observed Rate = 6.0 ± 3.7 mm/yr

NUVEL model rate = 6.6 mm/yr

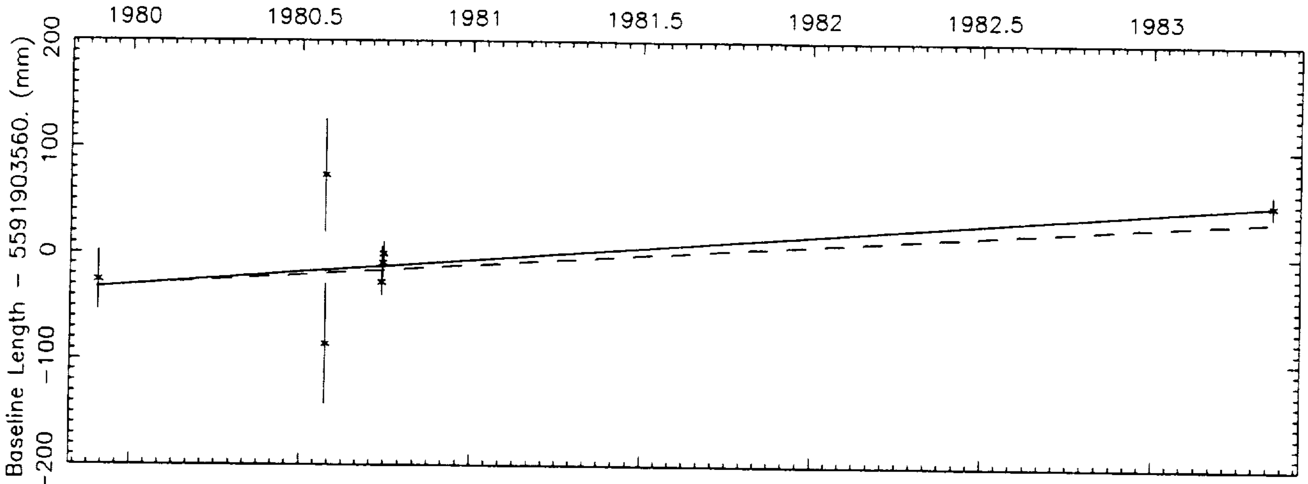
Wrms of fit = 12.5 mm

Reduced Chi square = 3.55

Vector baseline plots for EFLSBERG–HAYSTACK

Baseline length = 5592 kilometers

Number of sessions = 7



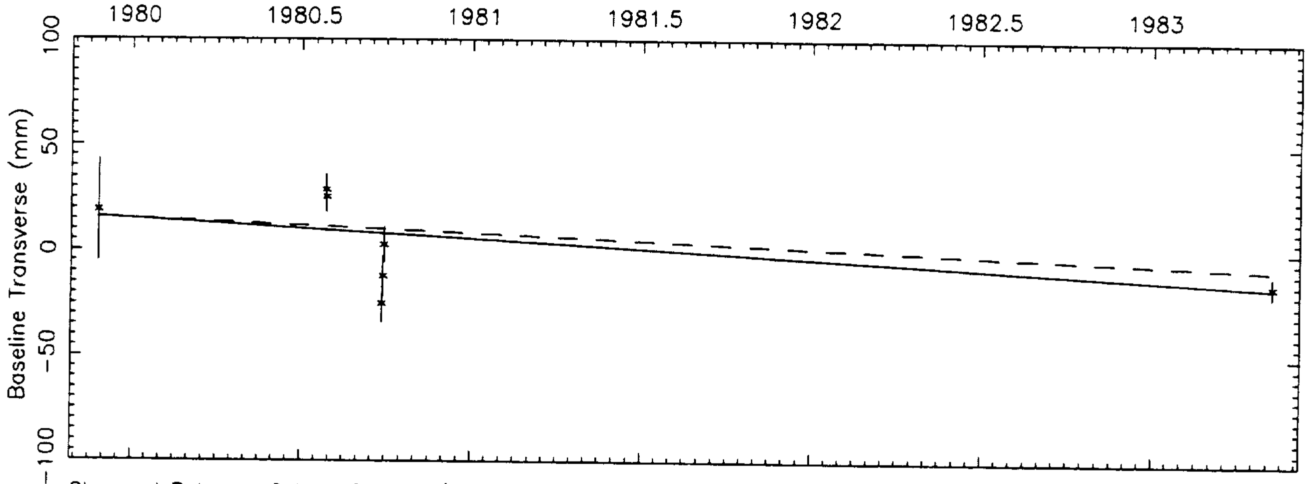
Observed Rate = 23.7 ± 5.7 mm/yr

NUVEL model rate = 19.4 mm/yr

Wrms of fit = 15.6 mm

Weighted mean length = 5591903564.9 mm

Reduced Chi square = 1.41

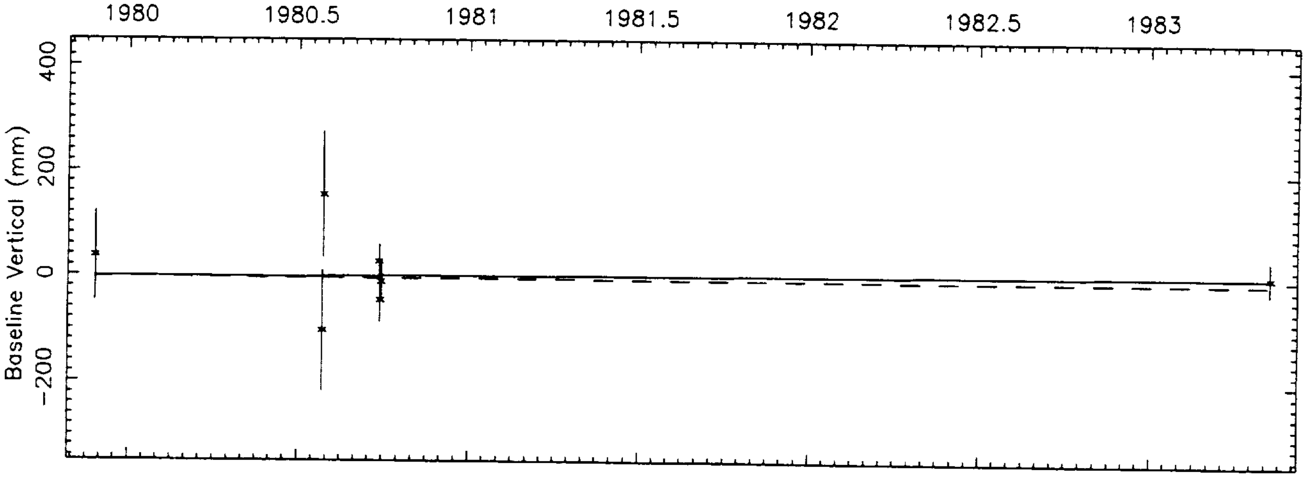


Observed Rate = −9.4 ± 5.6 mm/yr

NUVEL model rate = −6.9 mm/yr

Wrms of fit = 16.1 mm

Reduced Chi square = 6.17



Observed Rate = 2.3 ± 13.4 mm/yr

NUVEL model rate = −1.2 mm/yr

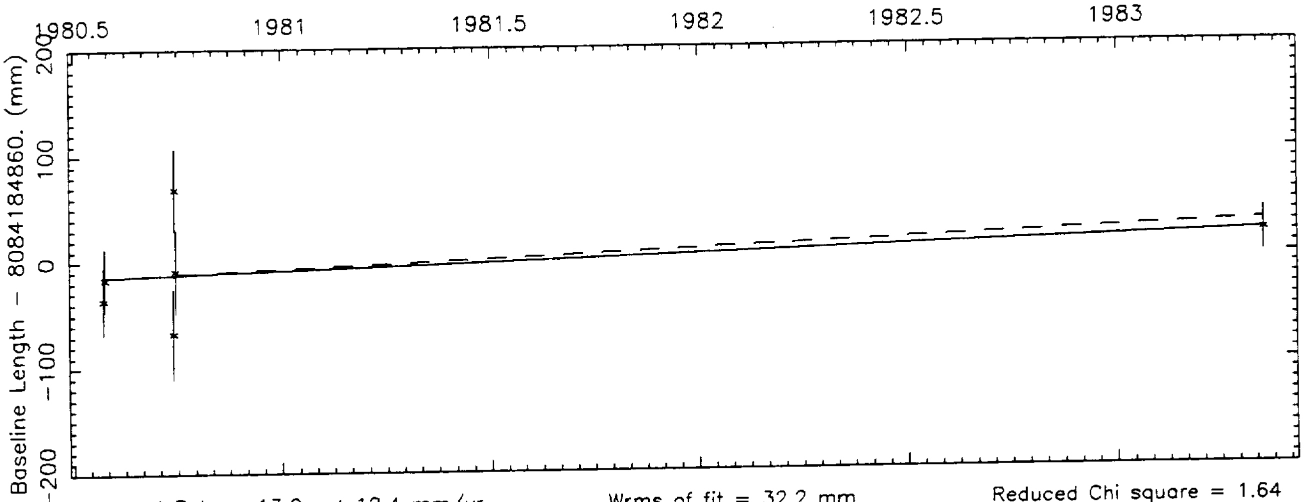
Wrms of fit = 35.4 mm

Reduced Chi square = .95

Vector baseline plots for EFLSBERG-HRAS 085

Baseline length = 8084 kilometers

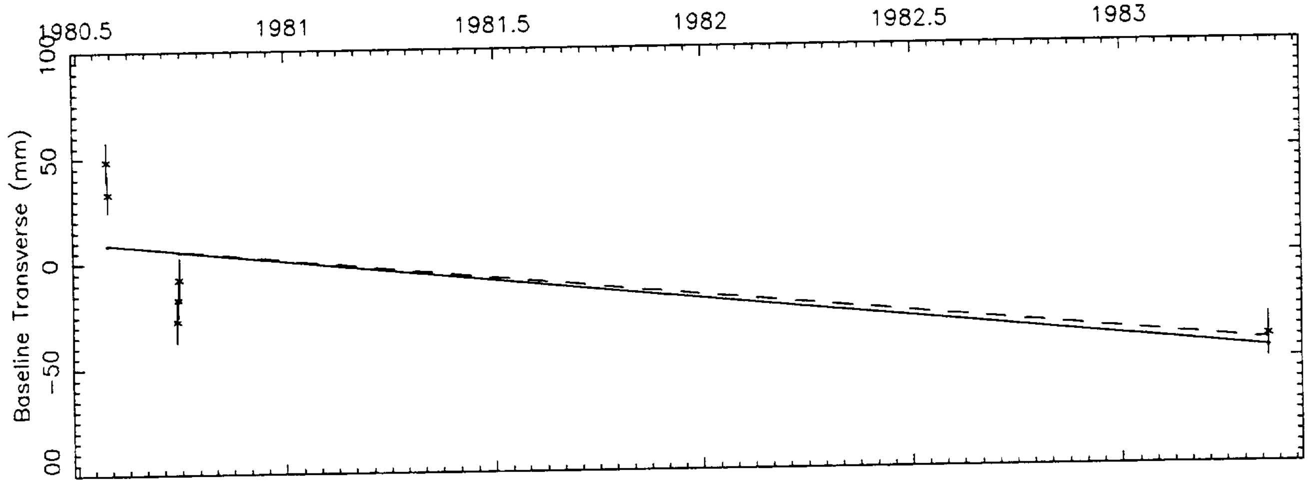
Number of sessions = 6



Observed Rate = 13.0 ± 12.4 mm/yr
NUVEL model rate = 16.4 mm/yr

Wrms of fit = 32.2 mm
Weighted mean length = 8084184858.9 mm

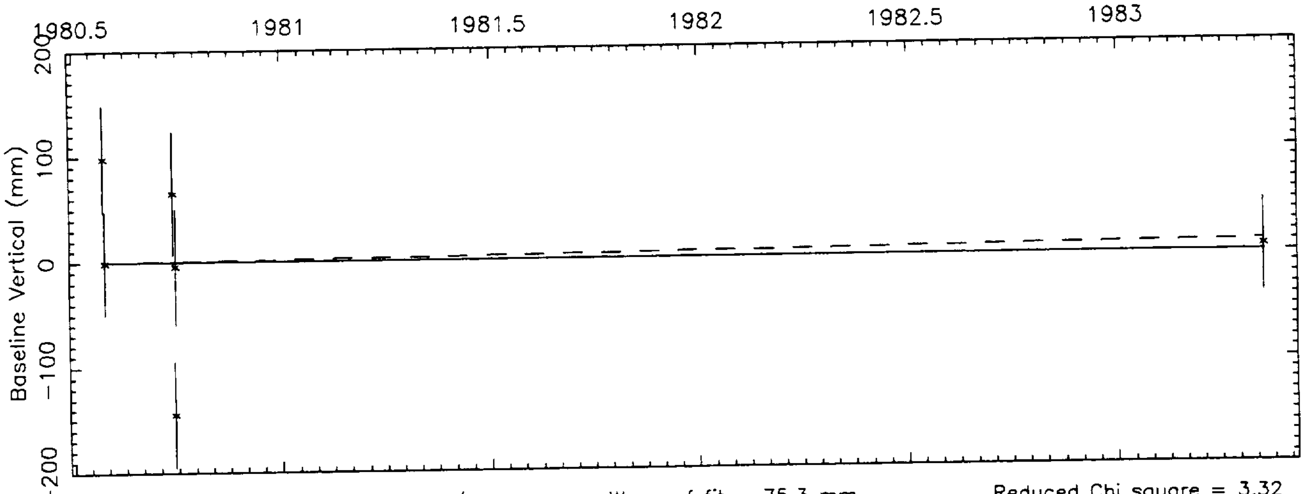
Reduced Chi square = 1.64



Observed Rate = −19.5 ± 14.5 mm/yr
NUVEL model rate = −18.3 mm/yr

Wrms of fit = 25.9 mm

Reduced Chi square = 11.28



Observed Rate = .1 ± 33.9 mm/yr
NUVEL model rate = 3.7 mm/yr

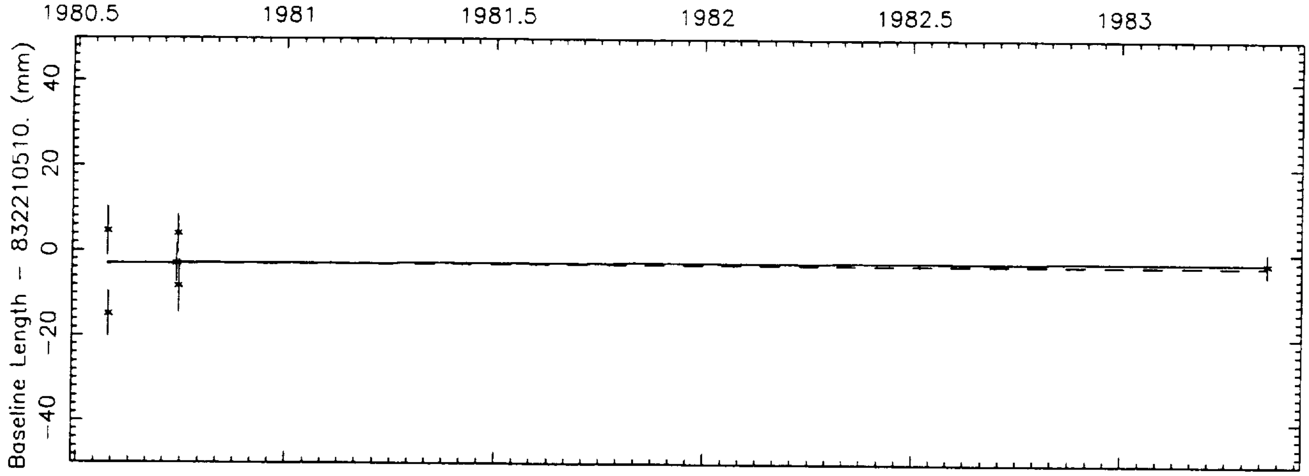
Wrms of fit = 75.3 mm

Reduced Chi square = 3.32

Vector baseline plots for EFLSBERG–ONSALA60

Baseline length = 832 kilometers

Number of sessions = 6



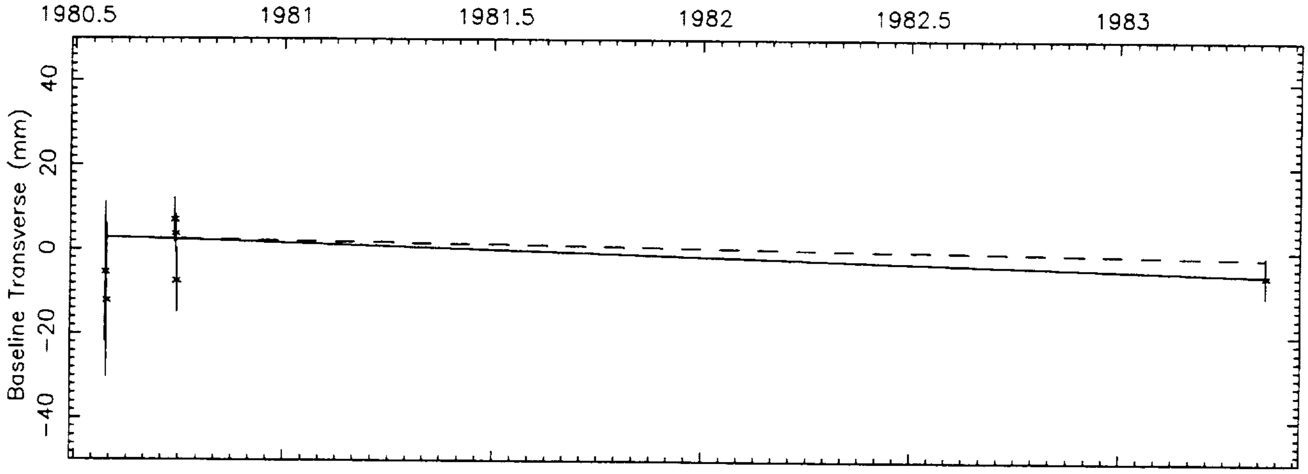
Observed Rate = .2 ± 2.1 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 5.5 mm

Weighted mean length = 832210507.3 mm

Reduced Chi square = 2.42

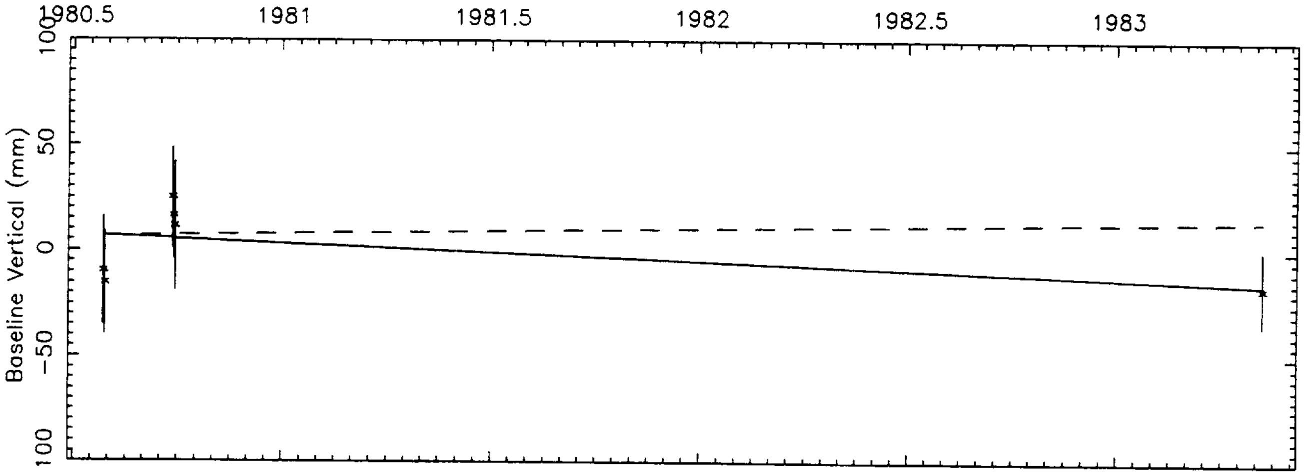


Observed Rate = –3.0 ± 2.0 mm/yr

NUVEL model rate = –1.5 mm/yr

Wrms of fit = 4.7 mm

Reduced Chi square = .86



Observed Rate = –8.0 ± 5.8 mm/yr

NUVEL model rate = 2.8 mm/yr

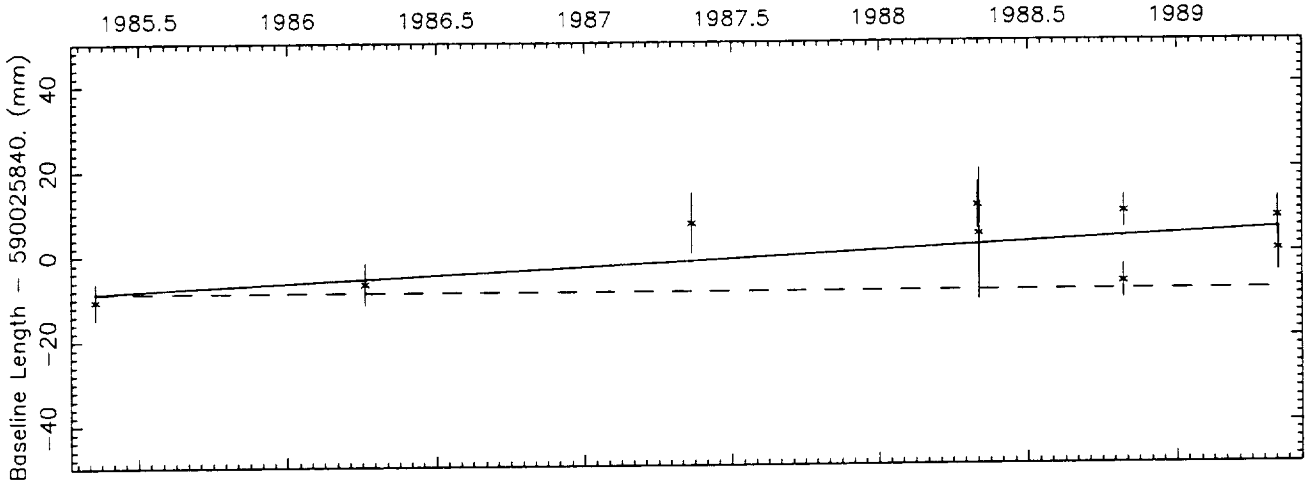
Wrms of fit = 13.9 mm

Reduced Chi square = .56

Vector baseline plots for ELY   -HATCREEK

Baseline length =   590 kilometers

Number of sessions = 9



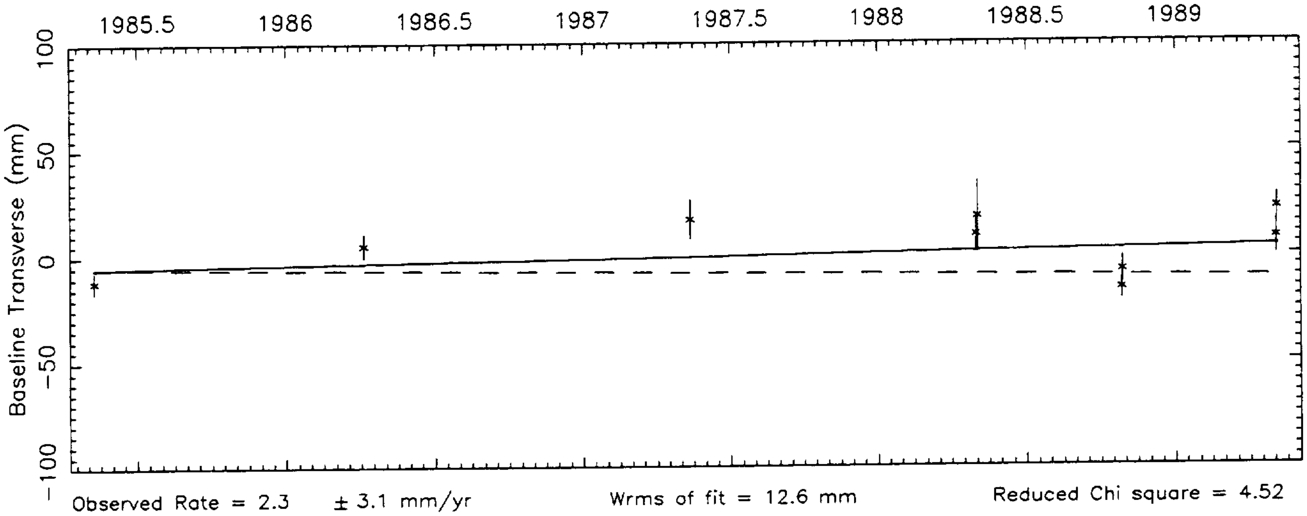
Observed Rate = 3.6   ± 1.7 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 6.5 mm

Weighted mean length = 590025840.7 mm

Reduced Chi square = 2.15

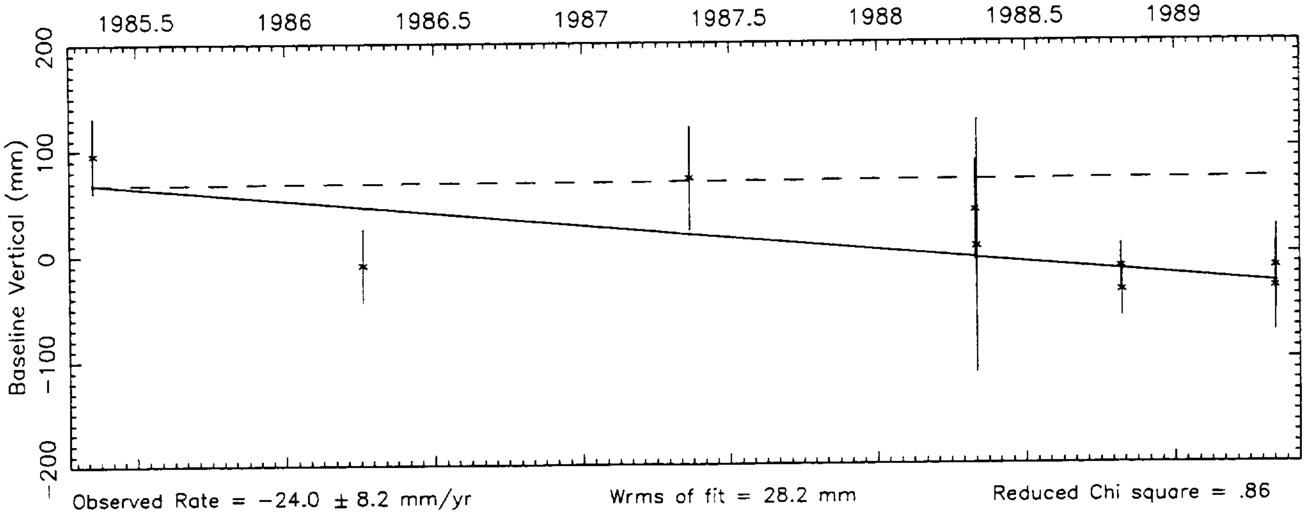


Observed Rate = 2.3   ± 3.1 mm/yr

NUVEL model rate = -1.4 mm/yr

Wrms of fit = 12.6 mm

Reduced Chi square = 4.52



Observed Rate = -24.0 ± 8.2 mm/yr

NUVEL model rate = .9 mm/yr

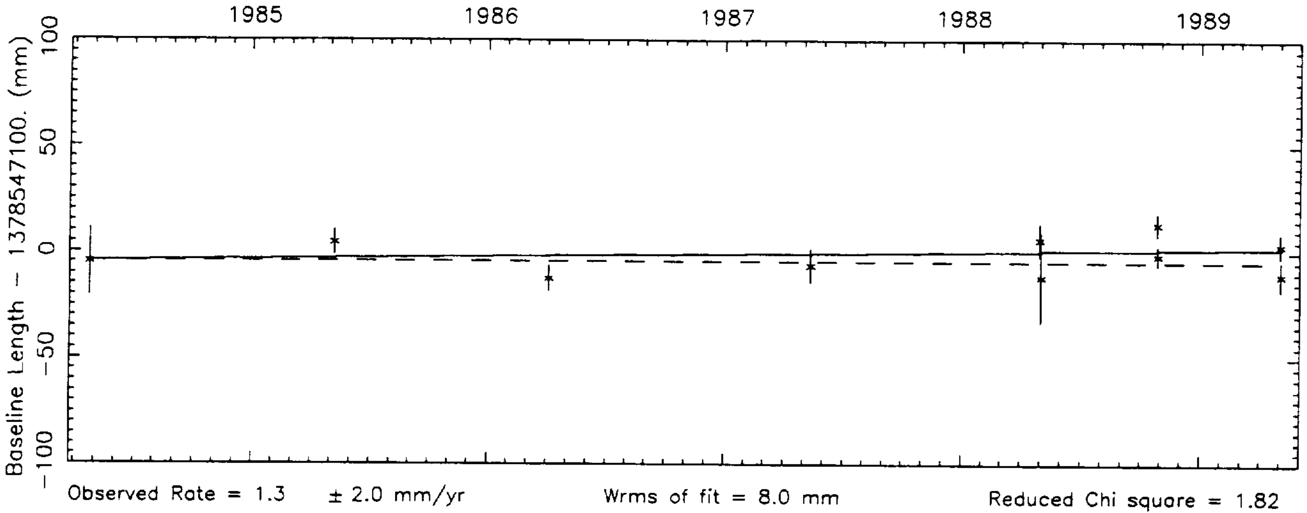
Wrms of fit = 28.2 mm

Reduced Chi square = .86

Vector baseline plots for ELY -HRAS 085

Baseline length = 1379 kilometers

Number of sessions = 10



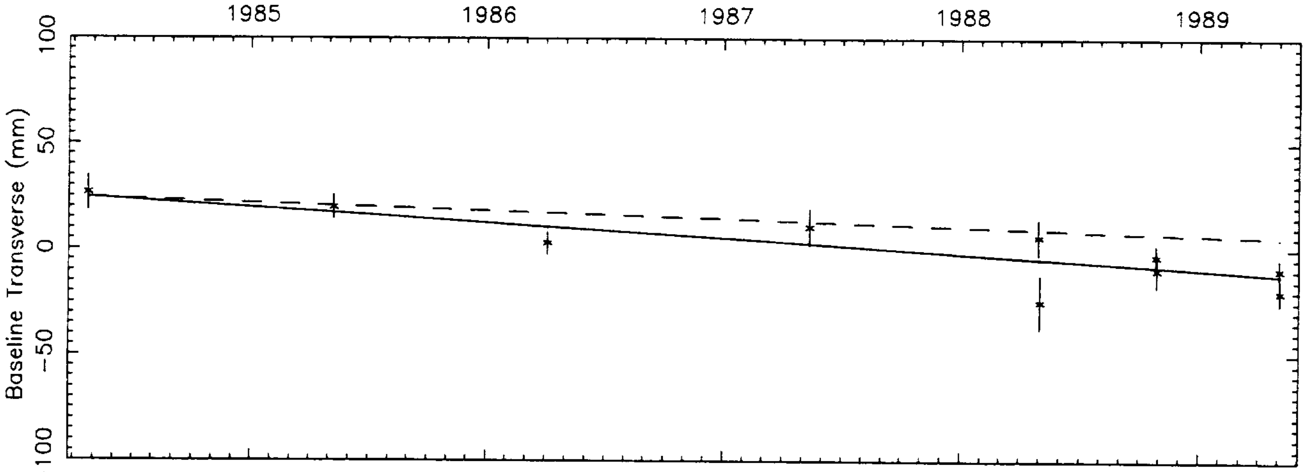
Observed Rate = 1.3 ± 2.0 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 8.0 mm

Weighted mean length = 1378547100.0 mm

Reduced Chi square = 1.82

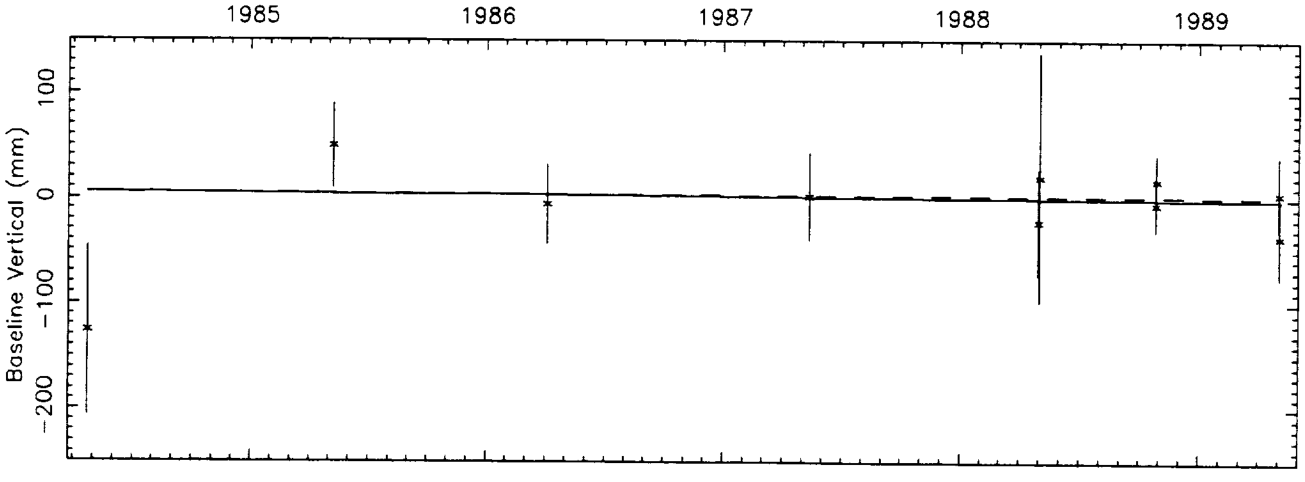


Observed Rate = -7.2 ± 1.4 mm/yr

NUVEL model rate = -3.8 mm/yr

Wrms of fit = 6.6 mm

Reduced Chi square = 1.24



Observed Rate = -1.3 ± 7.2 mm/yr

NUVEL model rate = -.7 mm/yr

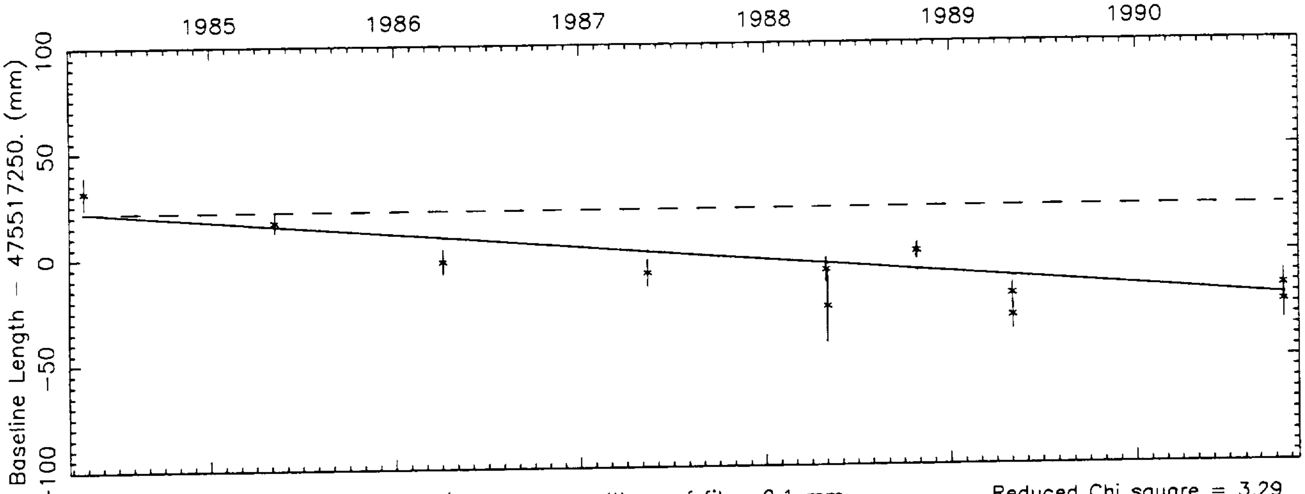
Wrms of fit = 28.1 mm

Reduced Chi square = .72

Vector baseline plots for ELY -MOJAVE12

Baseline length = 476 kilometers

Number of sessions = 12



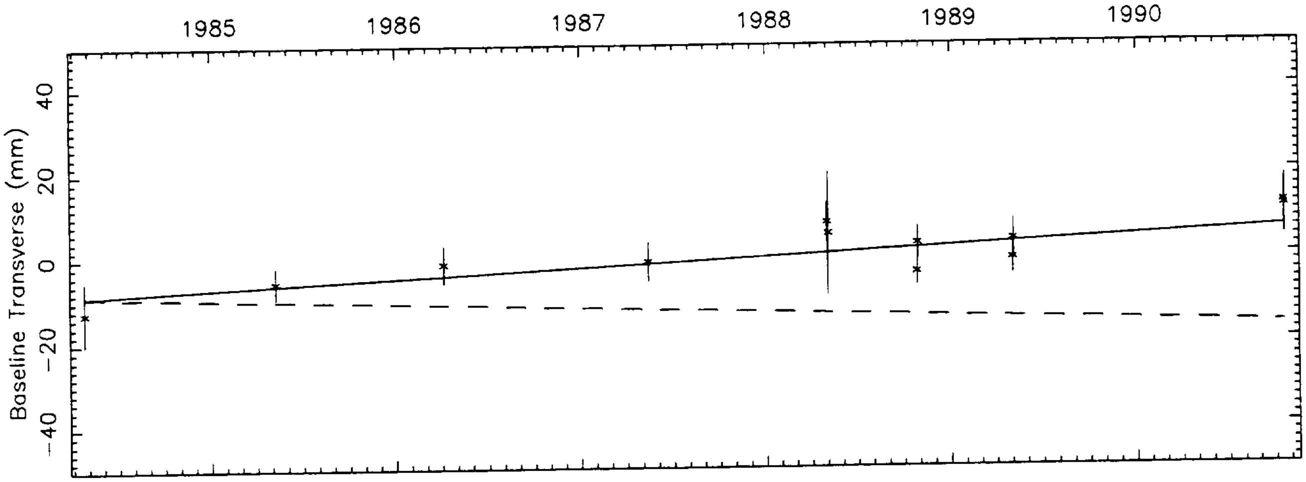
Observed Rate = -6.6 ± 1.7 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 9.1 mm

Weighted mean length = 475517246.4 mm

Reduced Chi square = 3.29

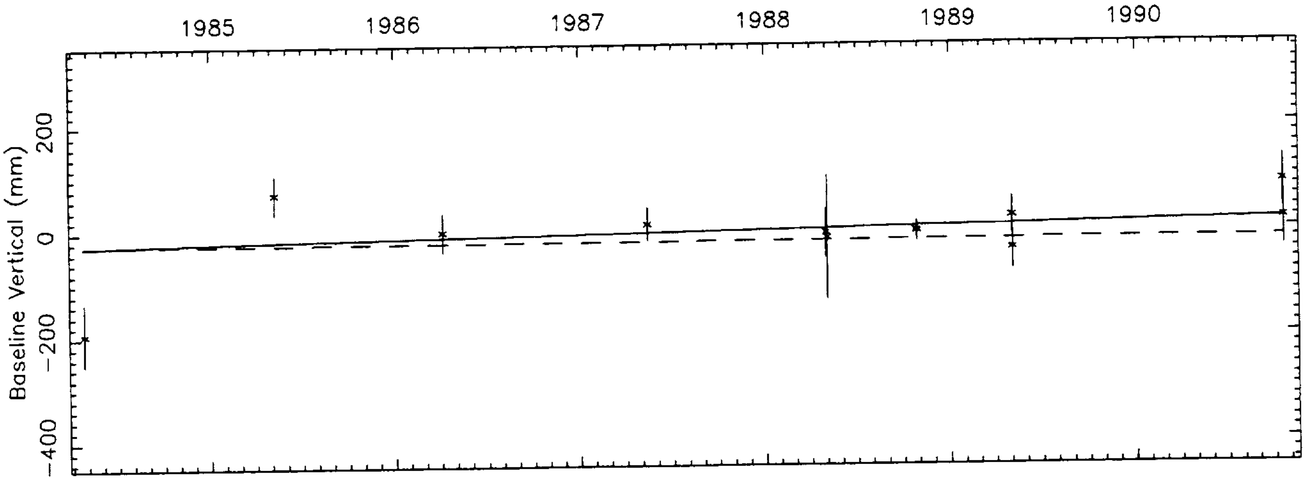


Observed Rate = 2.3 ± .7 mm/yr

NUVEL model rate = -1.2 mm/yr

Wrms of fit = 4.0 mm

Reduced Chi square = .91



Observed Rate = 6.6 ± 8.9 mm/yr

NUVEL model rate = 1.2 mm/yr

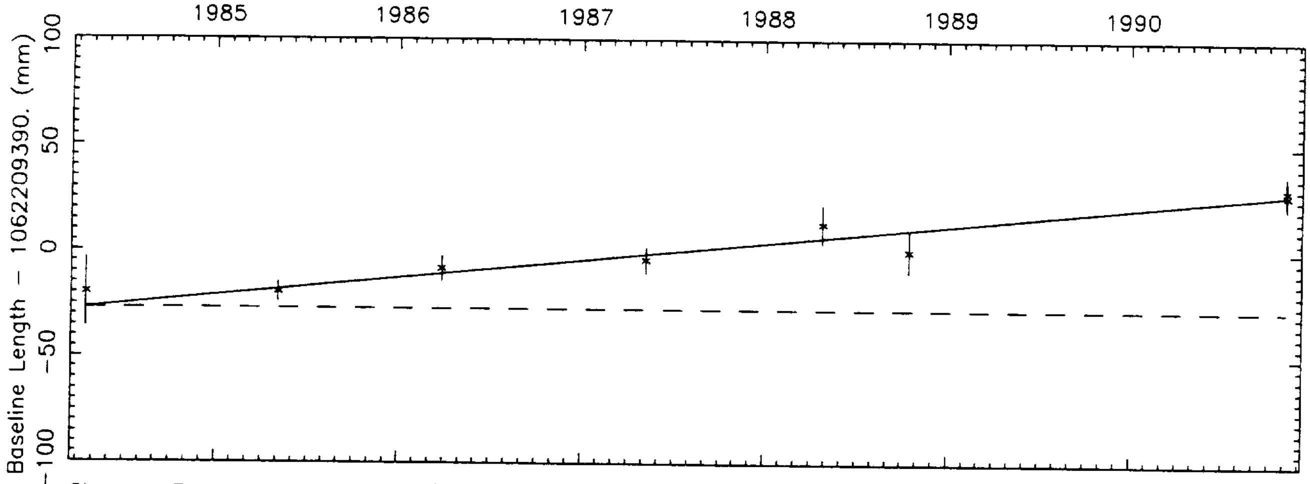
Wrms of fit = 39.7 mm

Reduced Chi square = 1.82

Vector baseline plots for FLAGSTAF-HATCREEK

Baseline length = 1062 kilometers

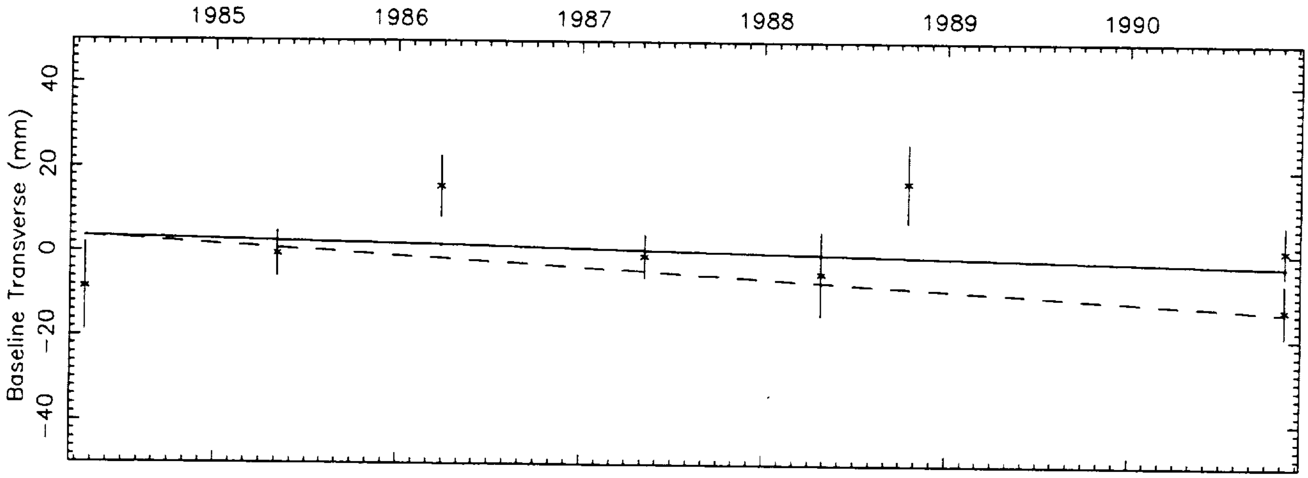
Number of sessions = 8



Observed Rate = 8.4 ± .7 mm/yr
NUVEL model rate = .0 mm/yr

Wrms of fit = 3.7 mm
Weighted mean length = 1062209390.4 mm

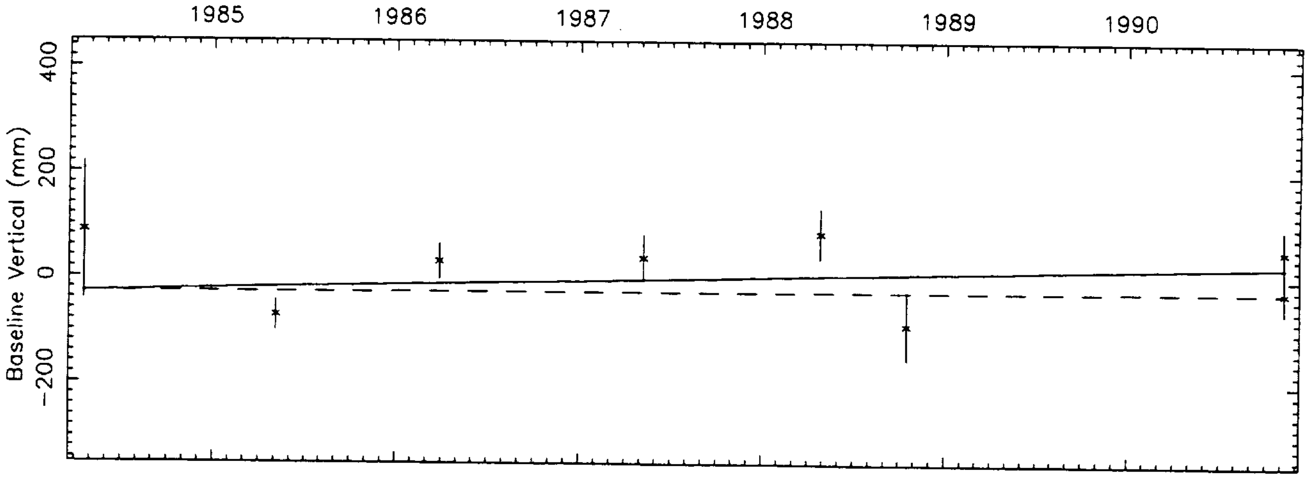
Reduced Chi square = .38



Observed Rate = −1.0 ± 1.5 mm/yr
NUVEL model rate = −2.6 mm/yr

Wrms of fit = 8.3 mm

Reduced Chi square = 2.00



Observed Rate = 8.3 ± 10.2 mm/yr
NUVEL model rate = .6 mm/yr

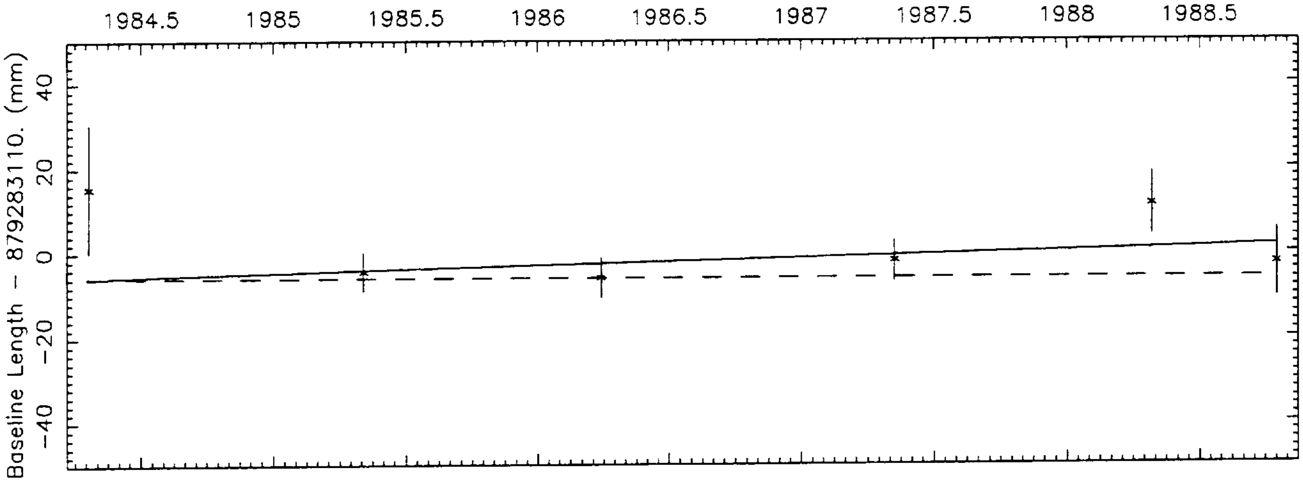
Wrms of fit = 54.9 mm

Reduced Chi square = 2.32

Vector baseline plots for FLAGSTAF–HRAS 085

Baseline length = 879 kilometers

Number of sessions = 6



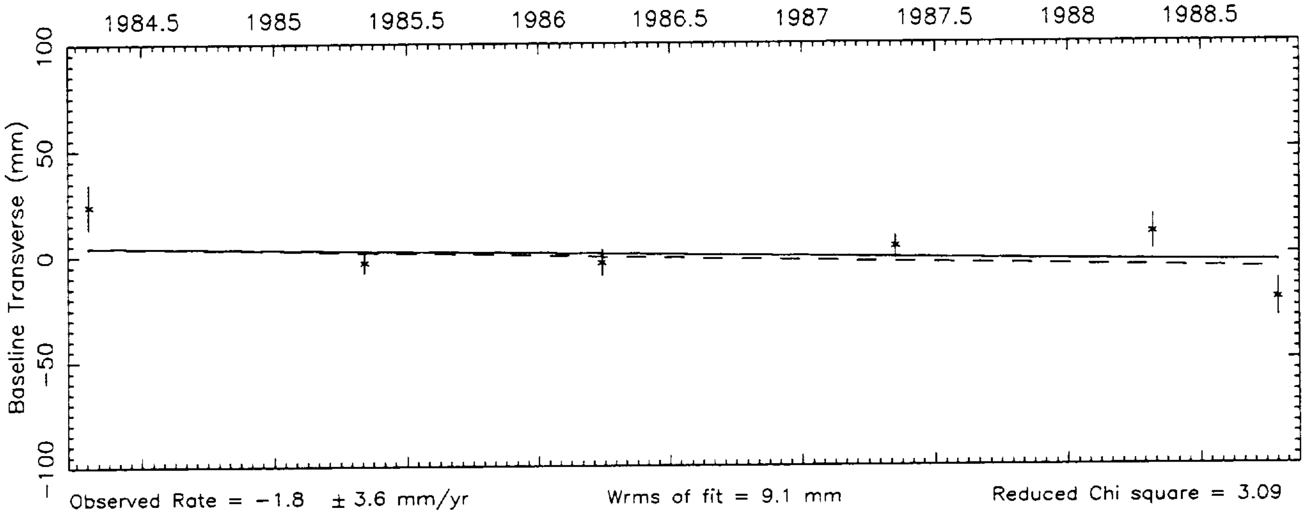
Observed Rate = 1.7 ± 2.2 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 5.2 mm

Weighted mean length = 879283108.1 mm

Reduced Chi square = 1.19

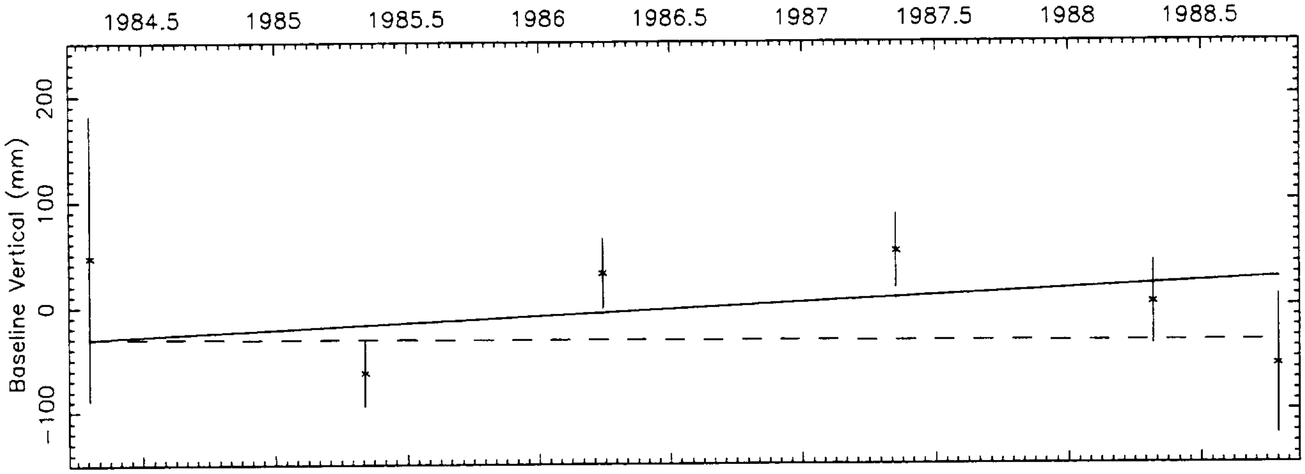


Observed Rate = −1.8 ± 3.6 mm/yr

NUVEL model rate = −2.5 mm/yr

Wrms of fit = 9.1 mm

Reduced Chi square = 3.09



Observed Rate = 12.5 ± 18.1 mm/yr

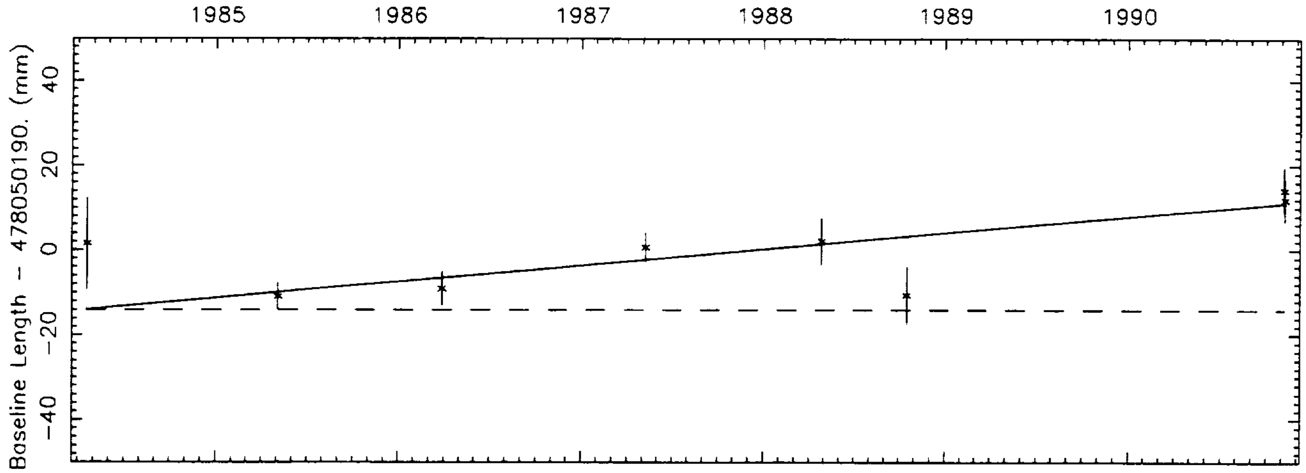
NUVEL model rate = −.8 mm/yr

Wrms of fit = 43.8 mm

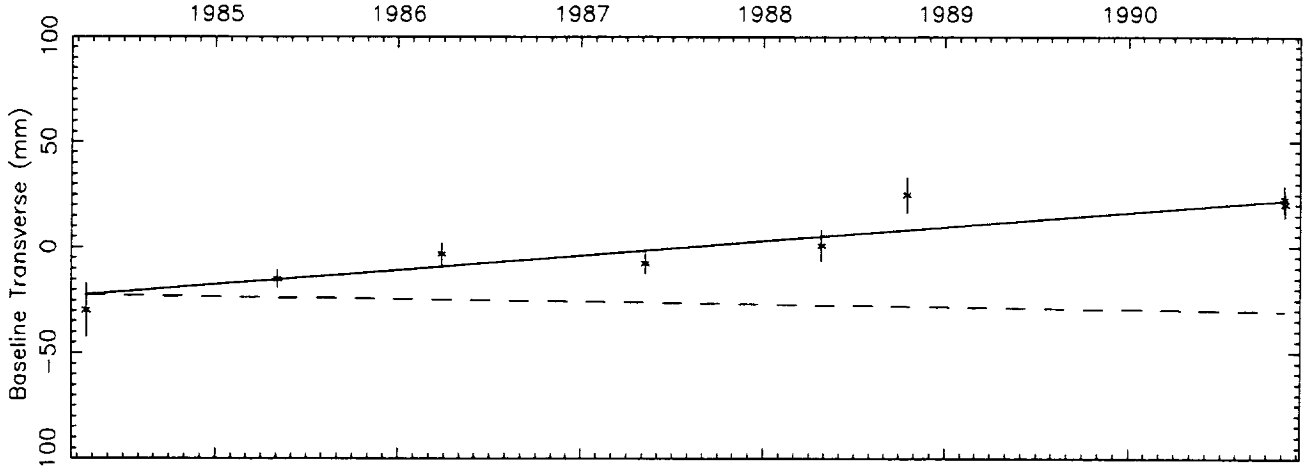
Reduced Chi square = 1.73

Vector baseline plots for FLAGSTAF-MOJAVE12

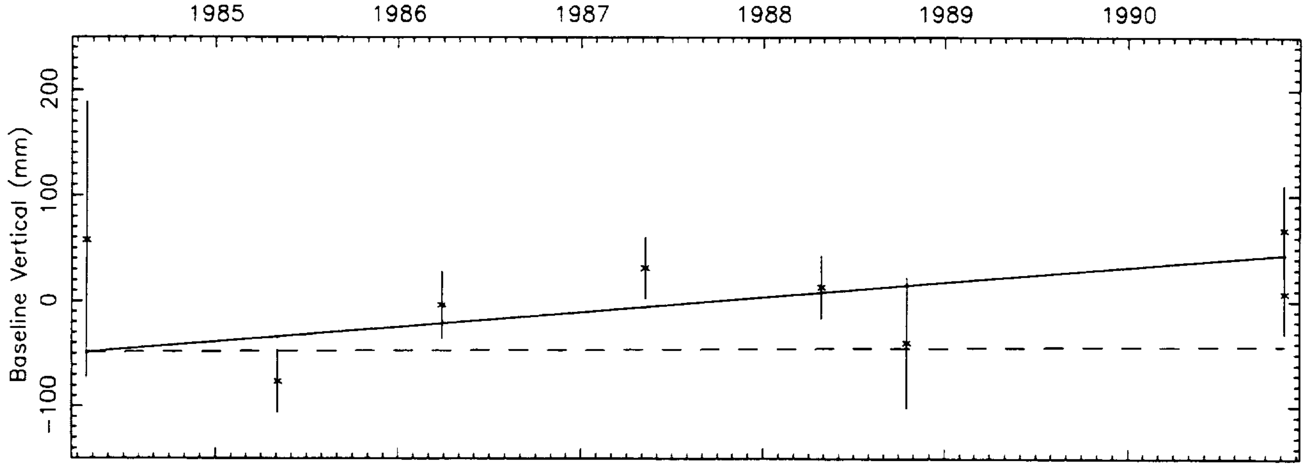
Baseline length = 478 kilometers   Number of sessions = 8



Observed Rate = 3.8 ± .9 mm/yr   Wrms of fit = 4.6 mm   Reduced Chi square = 1.35
NUVEL model rate = .0 mm/yr   Weighted mean length = 478050187.9 mm



Observed Rate = 6.8 ± 1.1 mm/yr   Wrms of fit = 5.8 mm   Reduced Chi square = 1.22
NUVEL model rate = -1.3 mm/yr

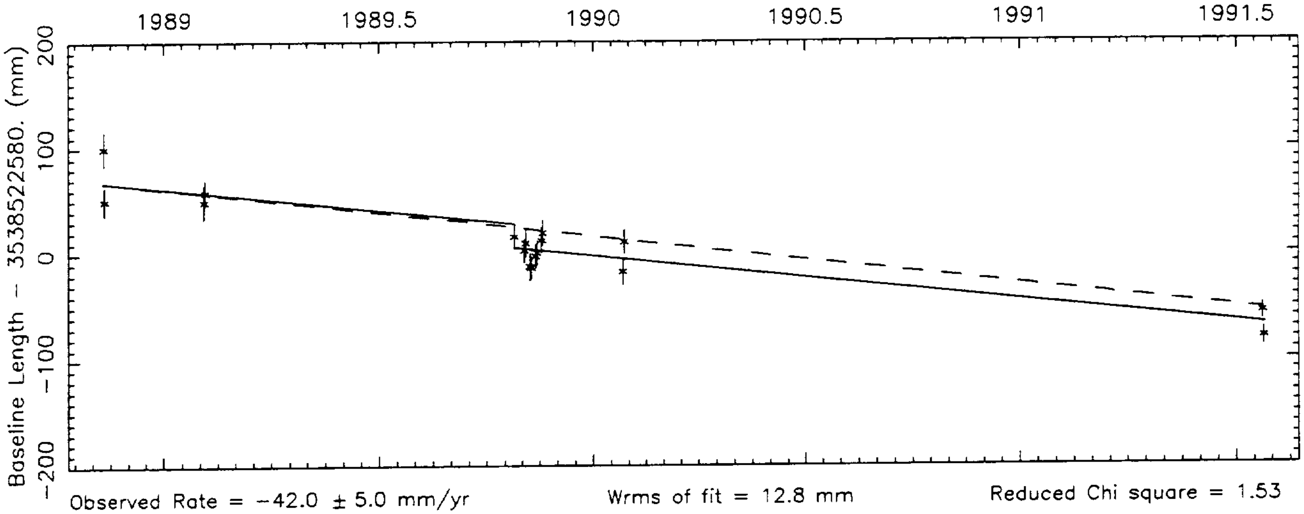


Observed Rate = 14.1 ± 7.0 mm/yr   Wrms of fit = 33.2 mm   Reduced Chi square = 1.09
NUVEL model rate = 1.0 mm/yr

Vector baseline plots for FORTORDS–GILCREEK

Baseline length = 3539 kilometers

Number of sessions = 17



Observed Rate = −42.0 ± 5.0 mm/yr

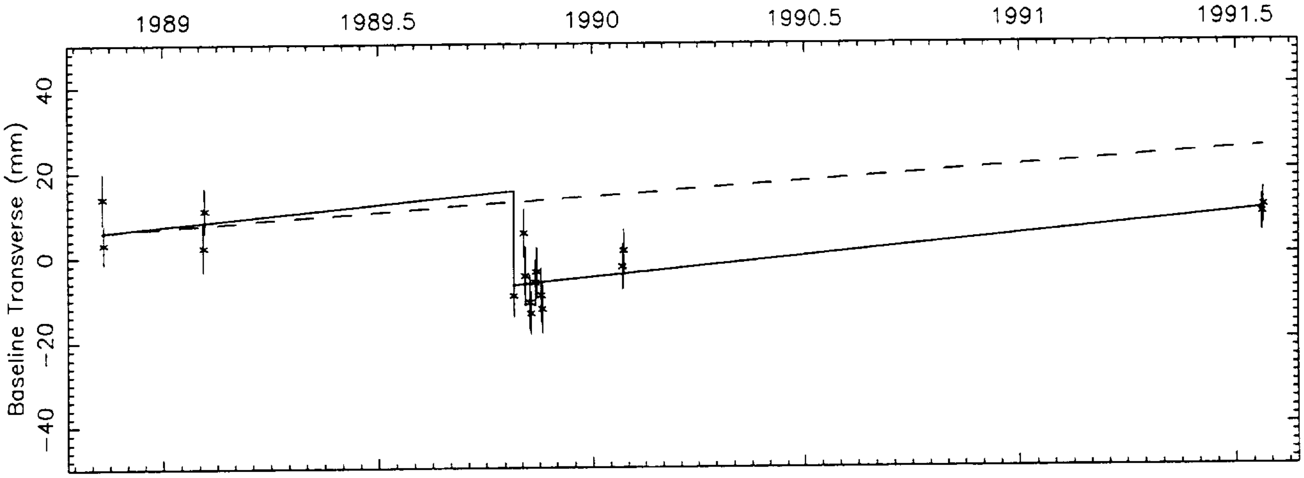
NUVEL model rate = −45.0 mm/yr

Wrms of fit = 12.8 mm

Weighted mean length = 3538522575.4 mm

Offset = −21.9 ± 11.7 mm

Reduced Chi square = 1.53



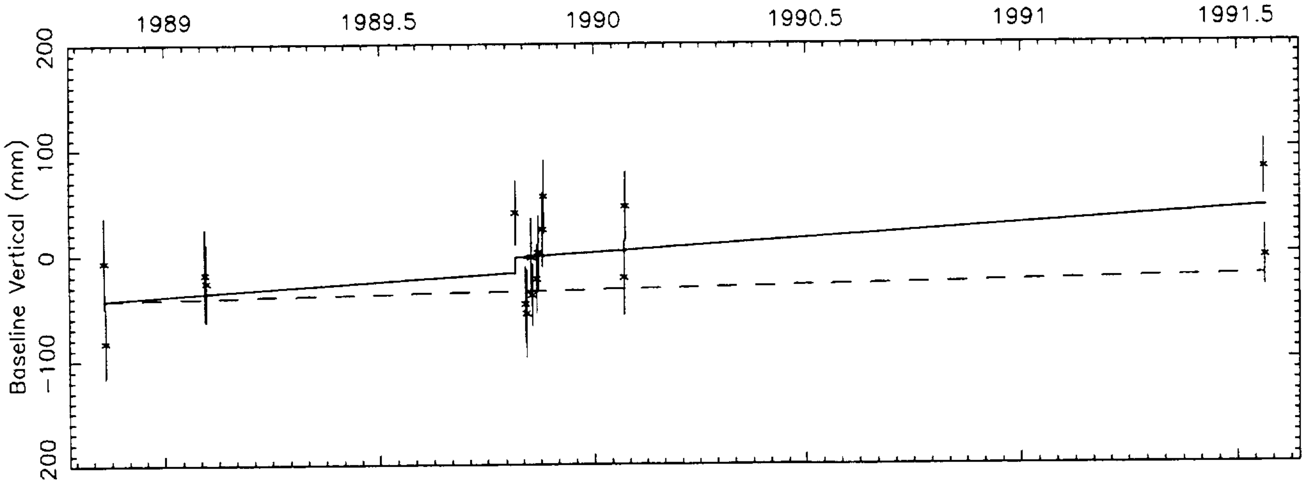
Observed Rate = 9.9 ± 2.1 mm/yr

NUVEL model rate = 7.1 mm/yr

Wrms of fit = 4.8 mm

Offset = −22.2 ± 4.1 mm

Reduced Chi square = .99



Observed Rate = 26.3 ± 15.4 mm/yr

NUVEL model rate = 8.2 mm/yr

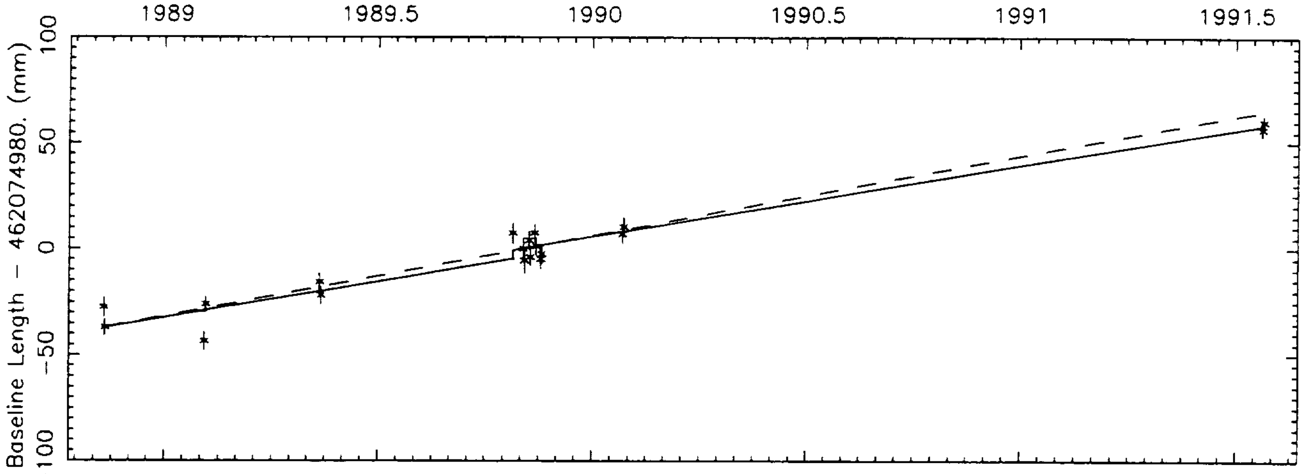
Wrms of fit = 36.4 mm

Offset = 14.8 ± 32.1 mm

Reduced Chi square = 1.40

Vector baseline plots for FORTORDS—MOJAVE12

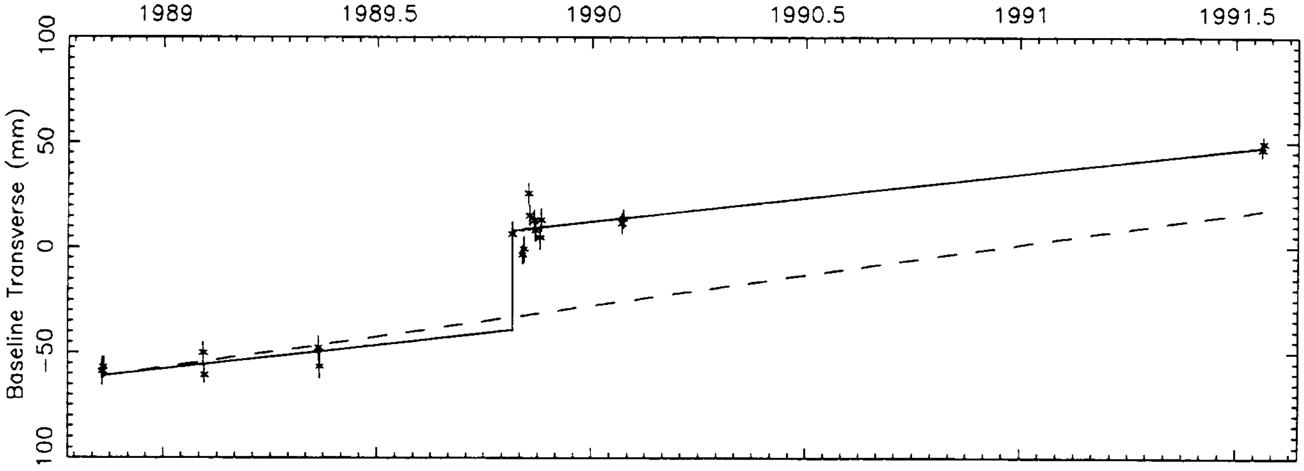
Baseline length =   462 kilometers   Number of sessions = 19



Observed Rate = 33.8   ± 2.1 mm/yr
NUVEL model rate = 37.8 mm/yr

Wrms of fit = 5.2 mm
Weighted mean length = 462074982.6 mm
Offset = 4.1   ± 3.8 mm

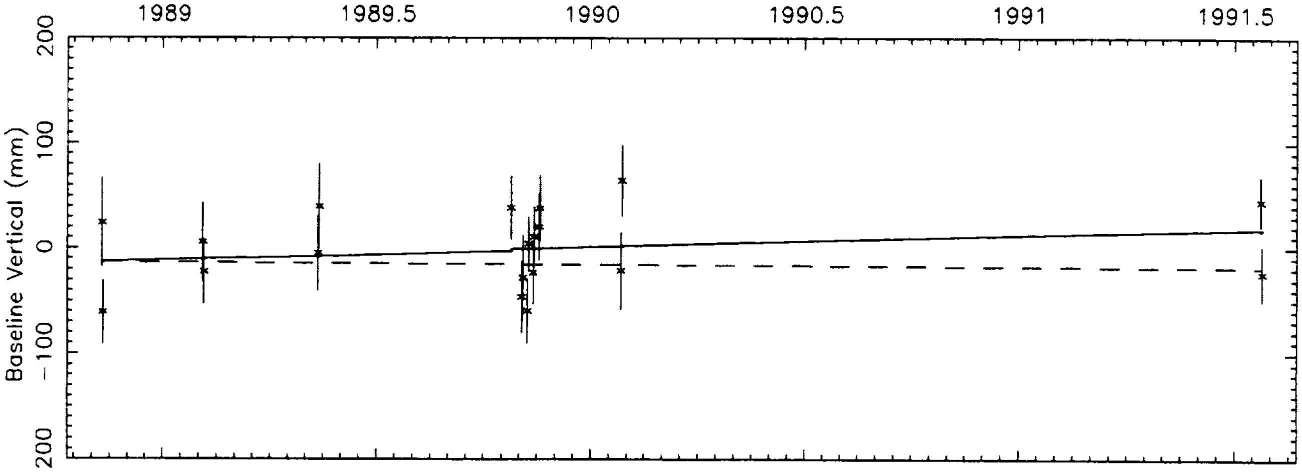
Reduced Chi square = 1.92



Observed Rate = 22.9   ± 2.3 mm/yr
NUVEL model rate = 29.2 mm/yr

Wrms of fit = 6.0 mm
Offset = 47.2   ± 4.5 mm

Reduced Chi square = 1.74



Observed Rate = 10.9   ± 14.2 mm/yr
NUVEL model rate = −1.9 mm/yr

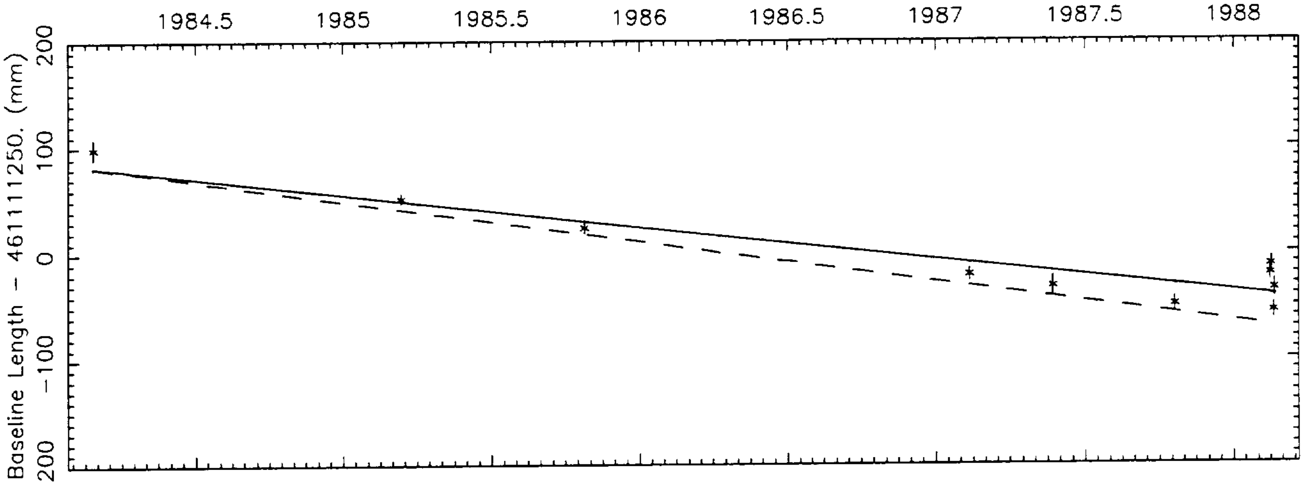
Wrms of fit = 34.8 mm
Offset = 2.1   ± 26.0 mm

Reduced Chi square = 1.44

Vector baseline plots for FORT ORD–HATCREEK

Baseline length = 461 kilometers

Number of sessions = 10



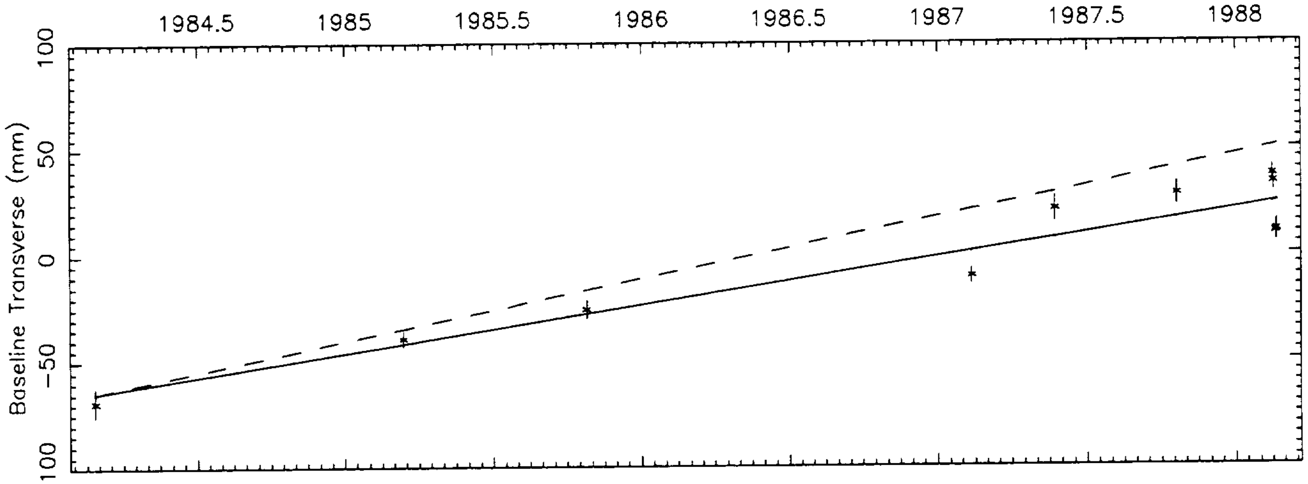
Observed Rate = −30.6 ± 4.0 mm/yr

NUVEL model rate = −38.0 mm/yr

Wrms of fit = 14.8 mm

Weighted mean length = 461111247.9 mm

Reduced Chi square = 5.85

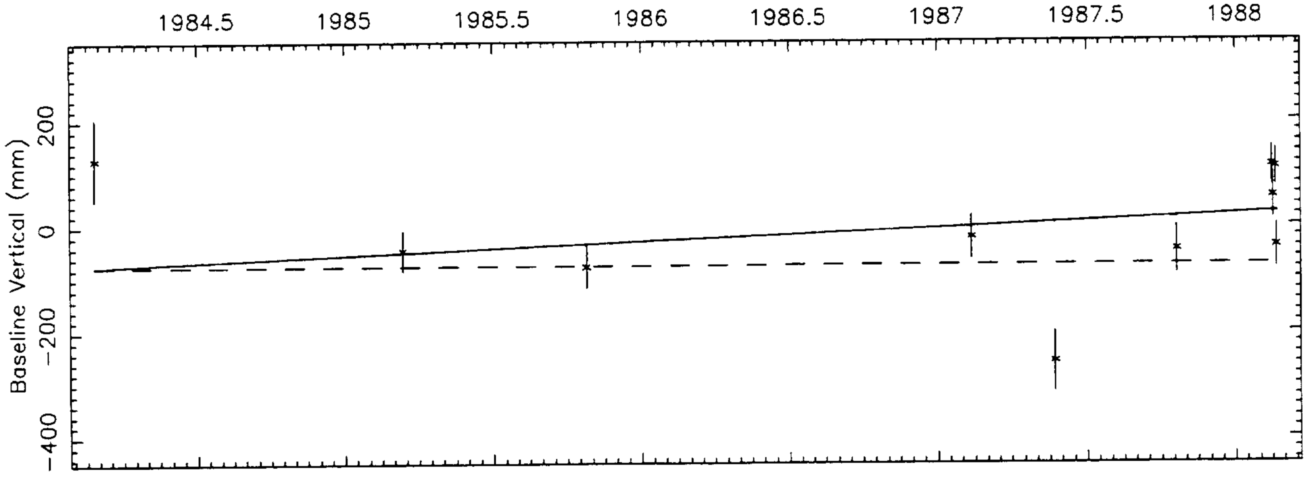


Observed Rate = 22.3 ± 2.9 mm/yr

NUVEL model rate = 28.9 mm/yr

Wrms of fit = 10.6 mm

Reduced Chi square = 7.02



Observed Rate = 24.8 ± 26.8 mm/yr

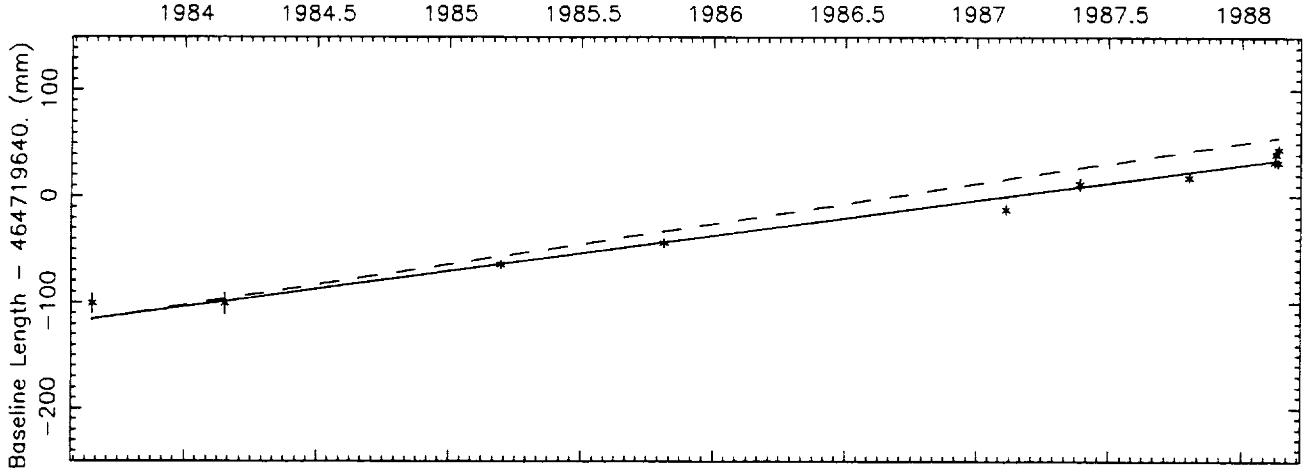
NUVEL model rate = .4 mm/yr

Wrms of fit = 91.4 mm

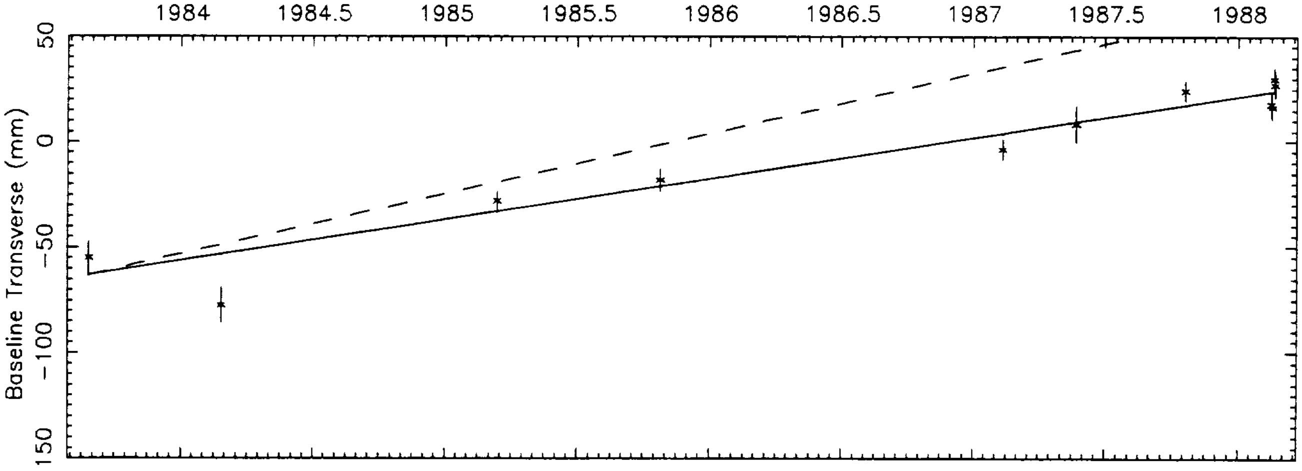
Reduced Chi square = 5.82

Vector baseline plots for FORT ORD−MOJAVE12

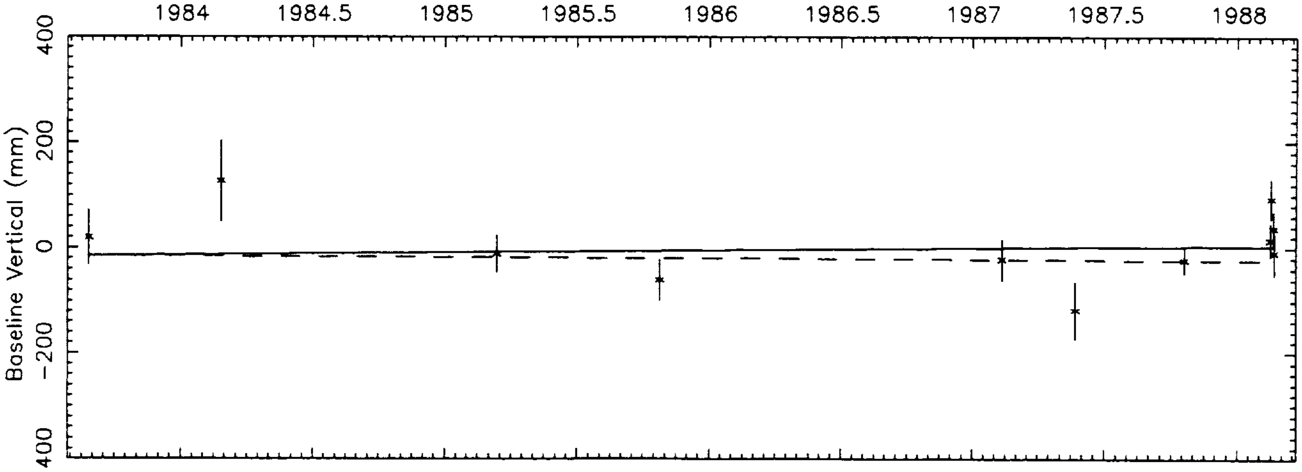
Baseline length = 465 kilometers Number of sessions = 11



Observed Rate = 33.5 ± 1.6 mm/yr Wrms of fit = 5.9 mm Reduced Chi square = 2.16
NUVEL model rate = 38.3 mm/yr Weighted mean length = 464719642.7 mm



Observed Rate = 19.4 ± 1.8 mm/yr Wrms of fit = 7.6 mm Reduced Chi square = 2.29
NUVEL model rate = 28.5 mm/yr

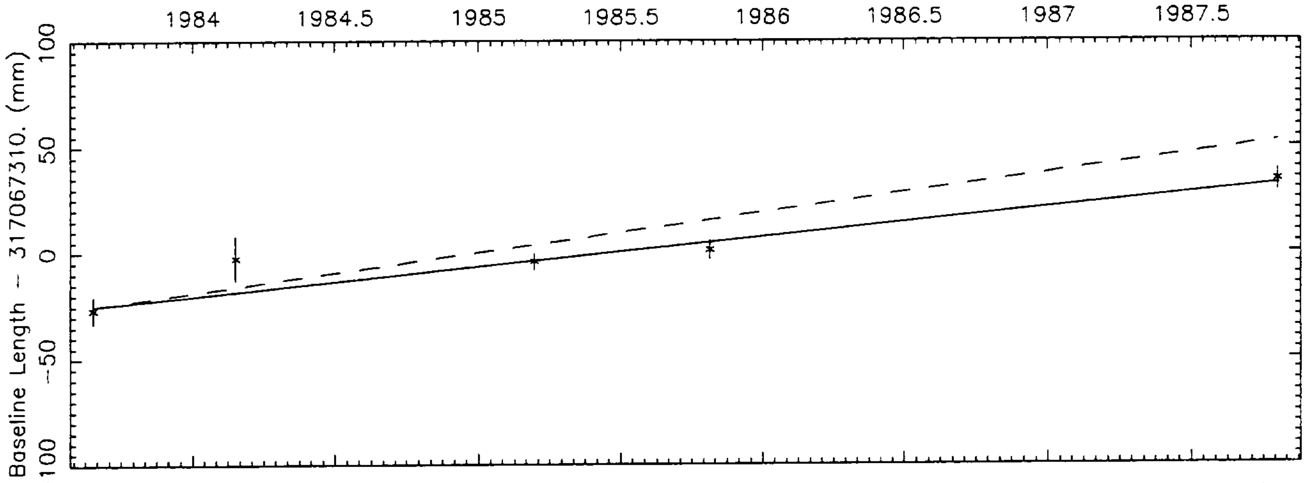


Observed Rate = 4.3 ± 12.1 mm/yr Wrms of fit = 48.2 mm Reduced Chi square = 2.06
NUVEL model rate = −1.8 mm/yr

Vector baseline plots for FORT ORD–OVRO 130

Baseline length = 317 kilometers

Number of sessions = 5



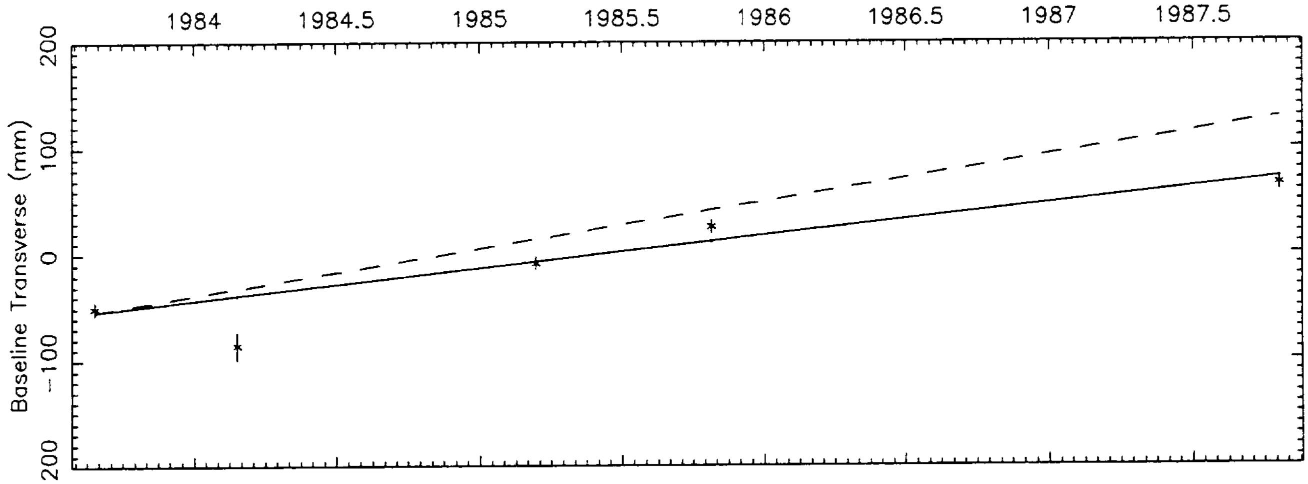
Observed Rate = 13.8 ± 1.8 mm/yr

NUVEL model rate = 18.7 mm/yr

Wrms of fit = 4.1 mm

Weighted mean length = 317067312.1 mm

Reduced Chi square = 1.02

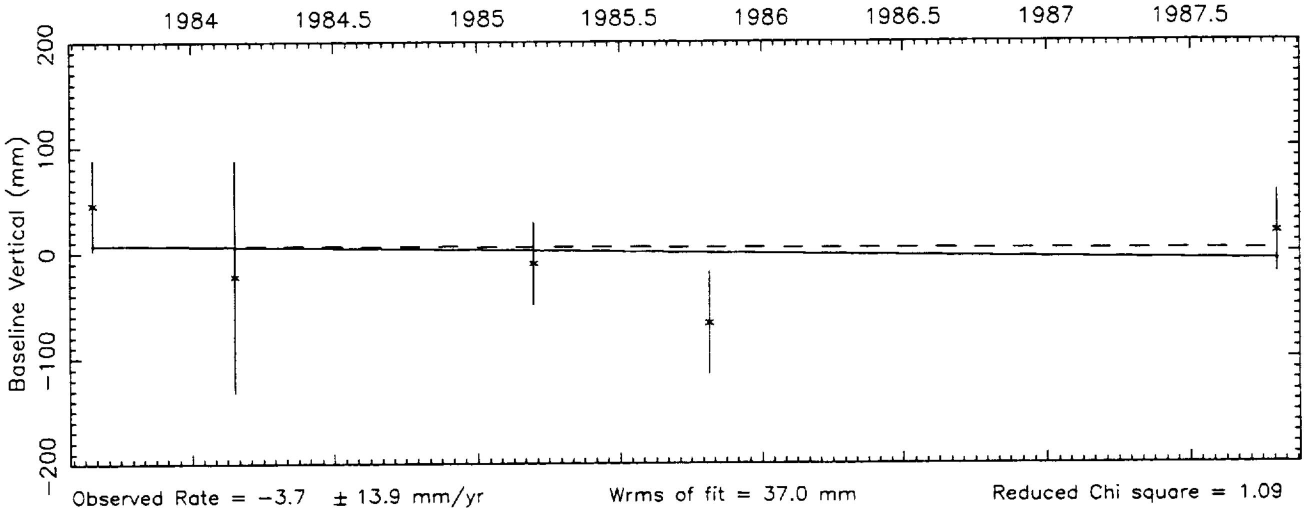


Observed Rate = 30.2 ± 5.4 mm/yr

NUVEL model rate = 43.9 mm/yr

Wrms of fit = 13.3 mm

Reduced Chi square = 6.08



Observed Rate = –3.7 ± 13.9 mm/yr

NUVEL model rate = –1.2 mm/yr

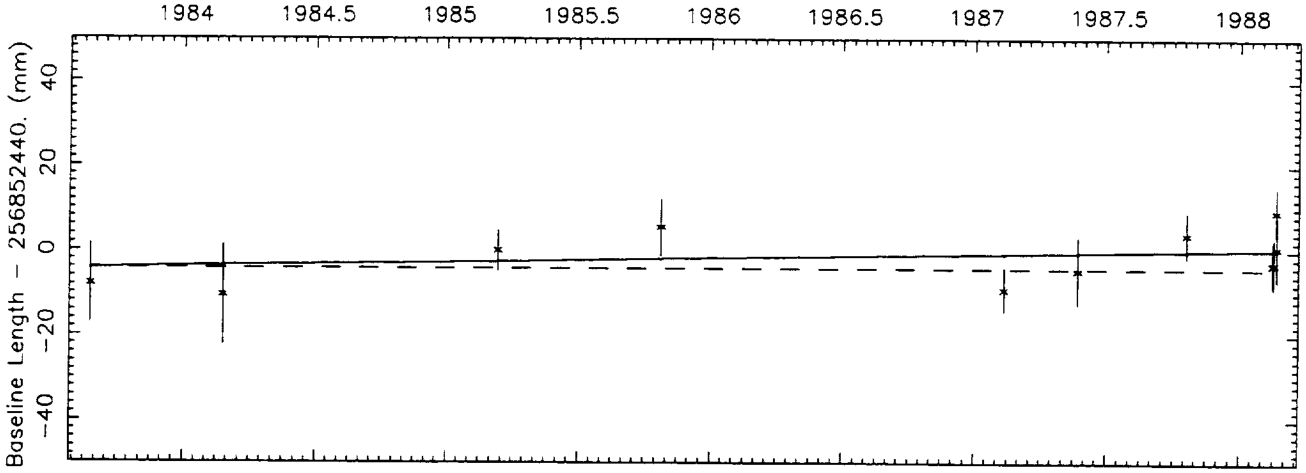
Wrms of fit = 37.0 mm

Reduced Chi square = 1.09

Vector baseline plots for FORT ORD-VNDNBERG

Baseline length = 257 kilometers

Number of sessions = 11



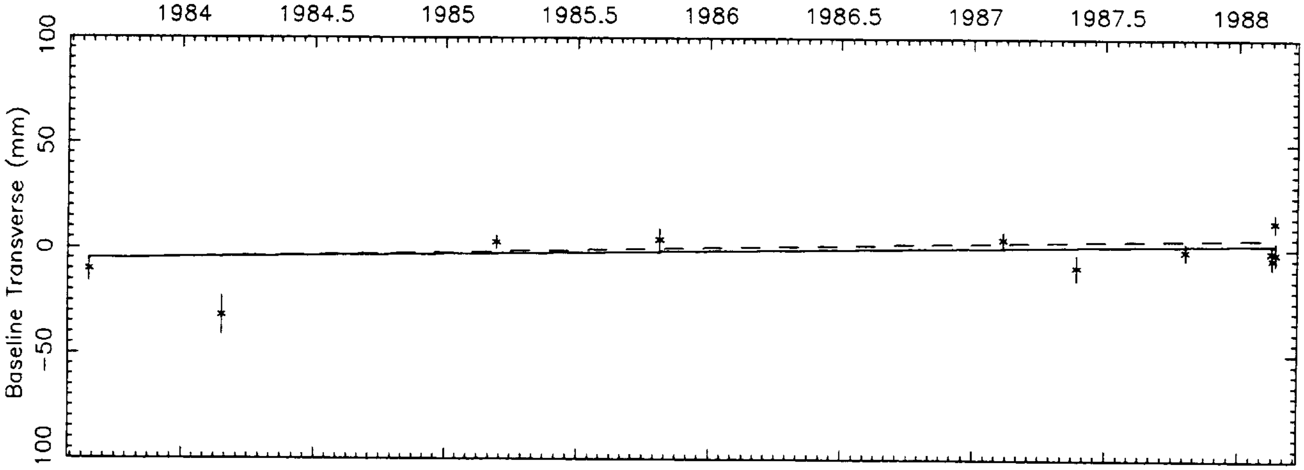
Observed Rate = 1.0 ± 1.4 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 5.5 mm

Weighted mean length = 256852439.2 mm

Reduced Chi square = .98

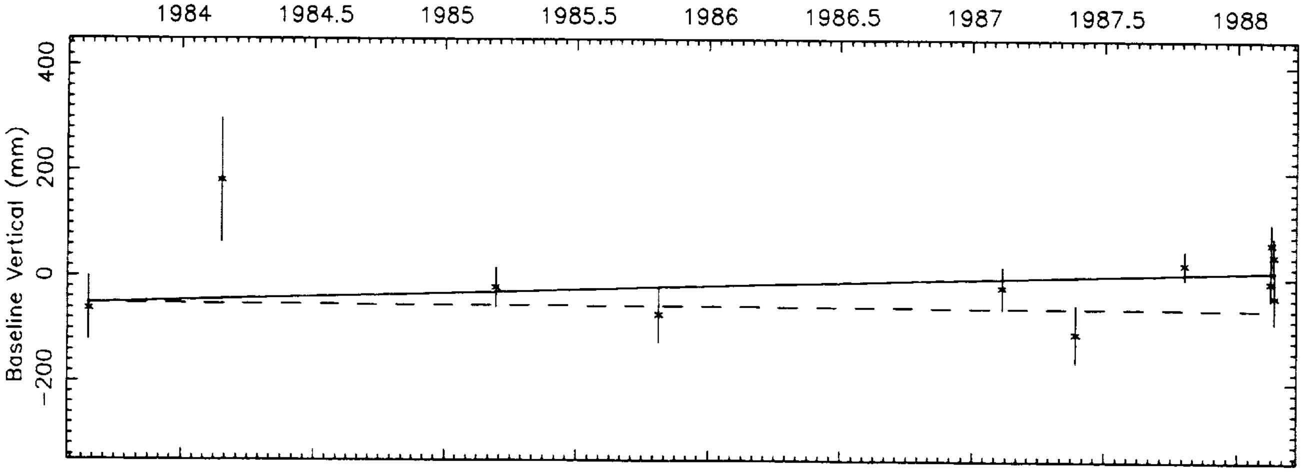


Observed Rate = 1.6 ± 1.7 mm/yr

NUVEL model rate = 2.3 mm/yr

Wrms of fit = 7.2 mm

Reduced Chi square = 3.00



Observed Rate = 14.5 ± 11.7 mm/yr

NUVEL model rate = -1.6 mm/yr

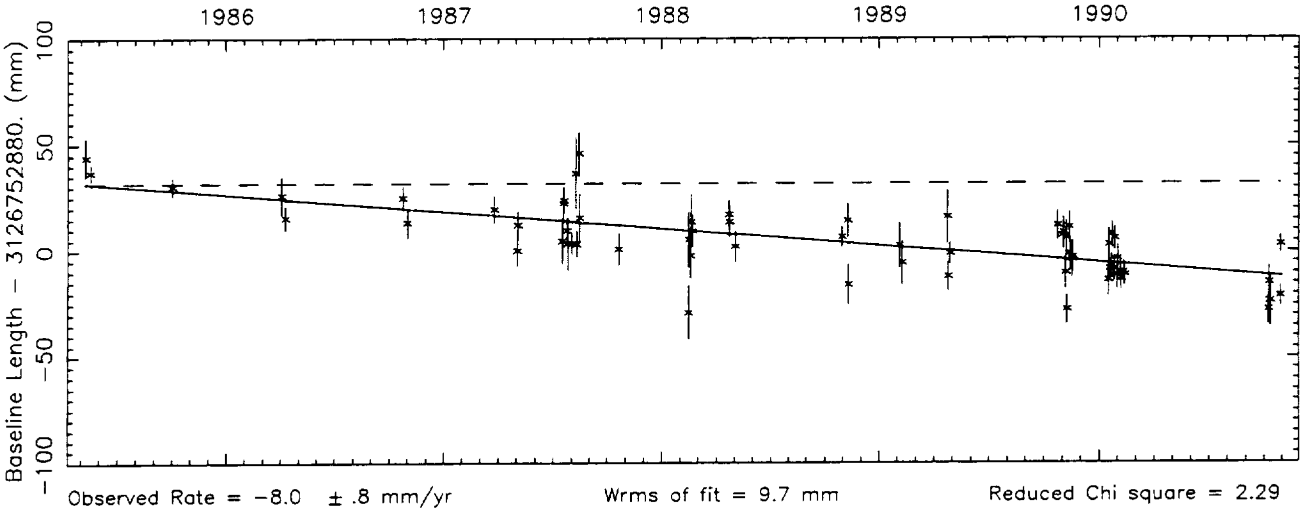
Wrms of fit = 45.2 mm

Reduced Chi square = 1.45

Vector baseline plots for GILCREEK–HATCREEK

Baseline length = 3127 kilometers

Number of sessions = 65



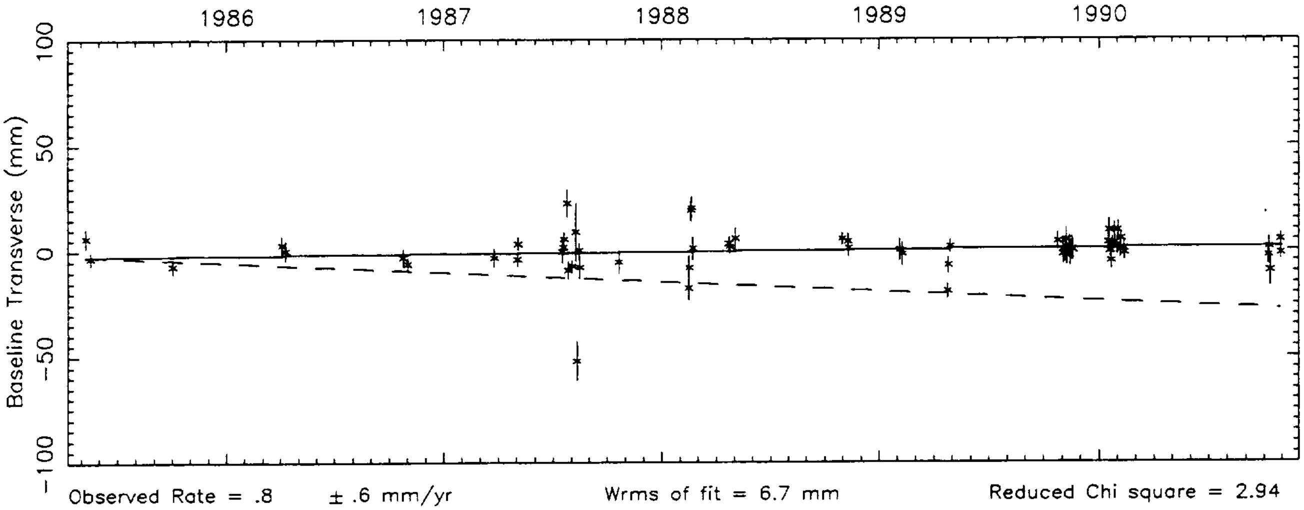
Observed Rate = –8.0 ± .8 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 9.7 mm

Weighted mean length = 3126752884.0 mm

Reduced Chi square = 2.29

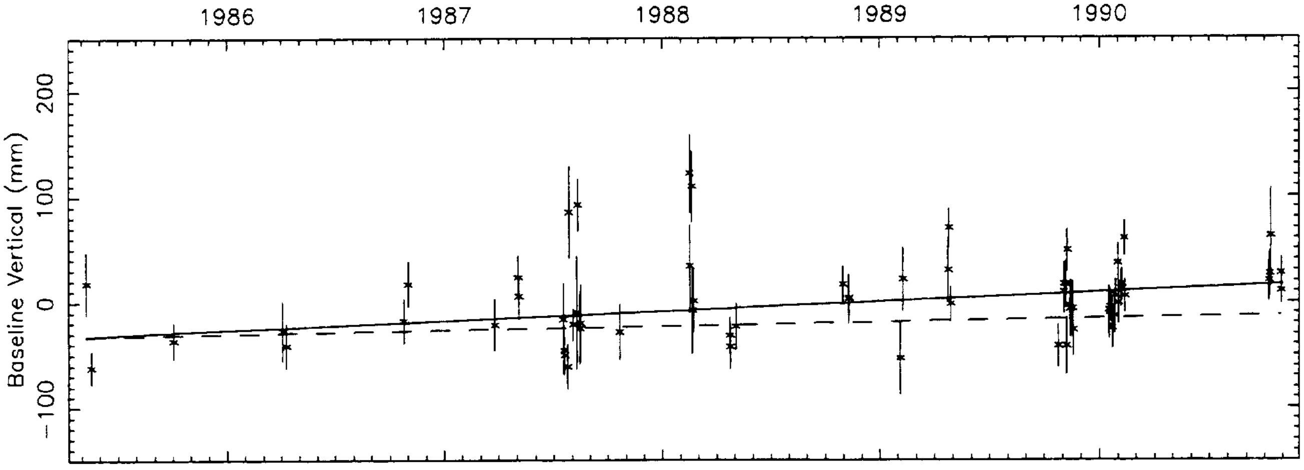


Observed Rate = .8 ± .6 mm/yr

NUVEL model rate = –4.5 mm/yr

Wrms of fit = 6.7 mm

Reduced Chi square = 2.94



Observed Rate = 8.9 ± 2.6 mm/yr

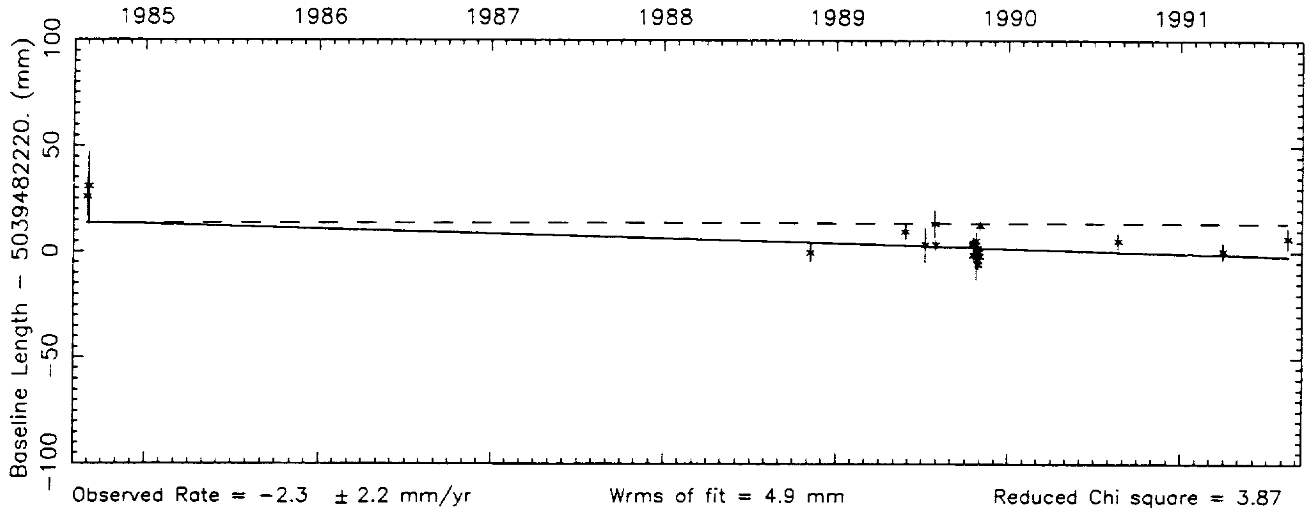
NUVEL model rate = 3.7 mm/yr

Wrms of fit = 30.4 mm

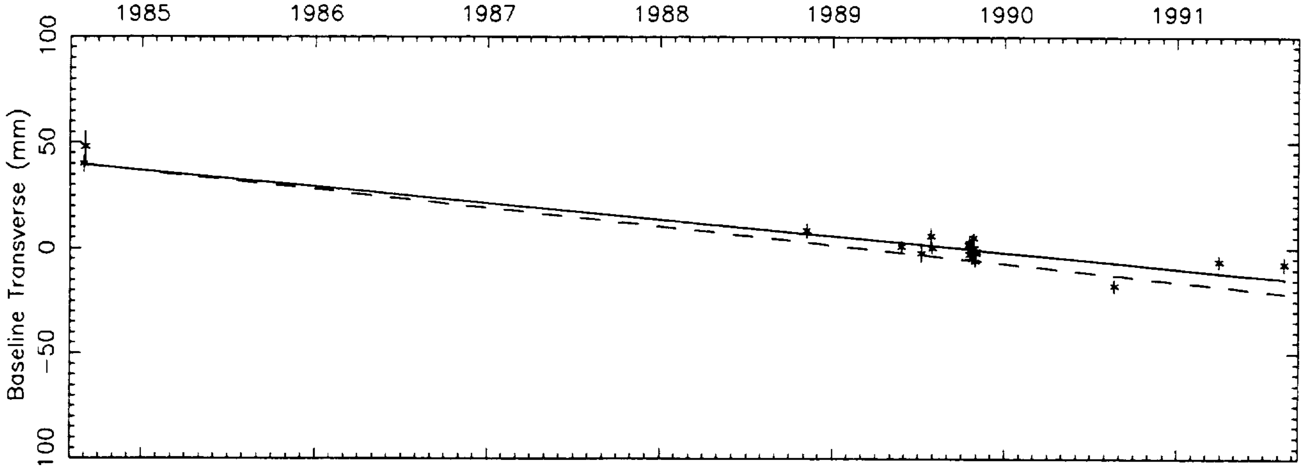
Reduced Chi square = 2.23

Vector baseline plots for GILCREEK–HAYSTACK

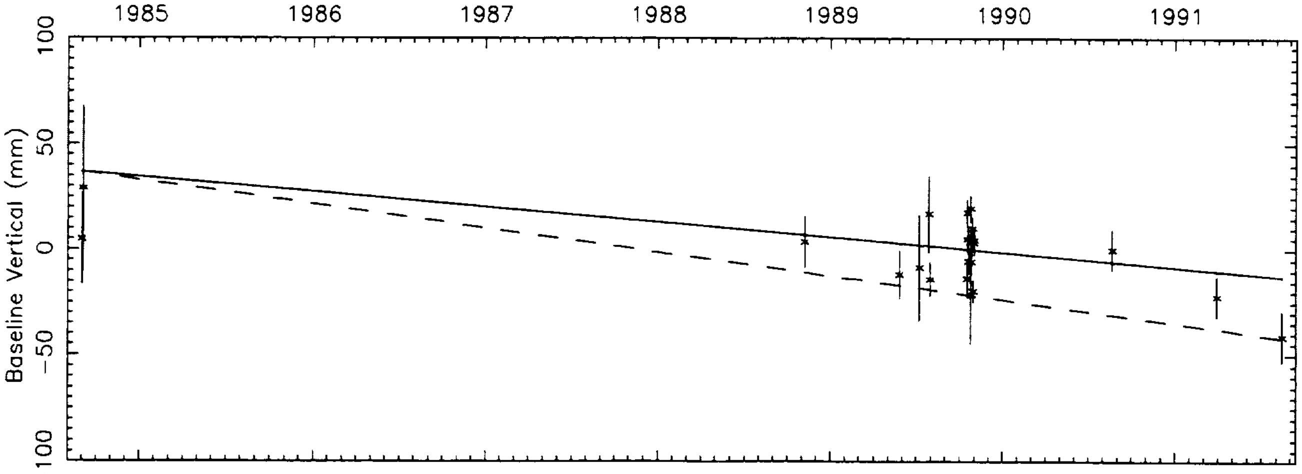
Baseline length = 5039 kilometers   Number of sessions = 23



Observed Rate = –2.3 ± 2.2 mm/yr   Wrms of fit = 4.9 mm   Reduced Chi square = 3.87
NUVEL model rate = .0 mm/yr   Weighted mean length = 5039482222.0 mm



Observed Rate = –7.8 ± .8 mm/yr   Wrms of fit = 3.7 mm   Reduced Chi square = 1.89
NUVEL model rate = –8.8 mm/yr

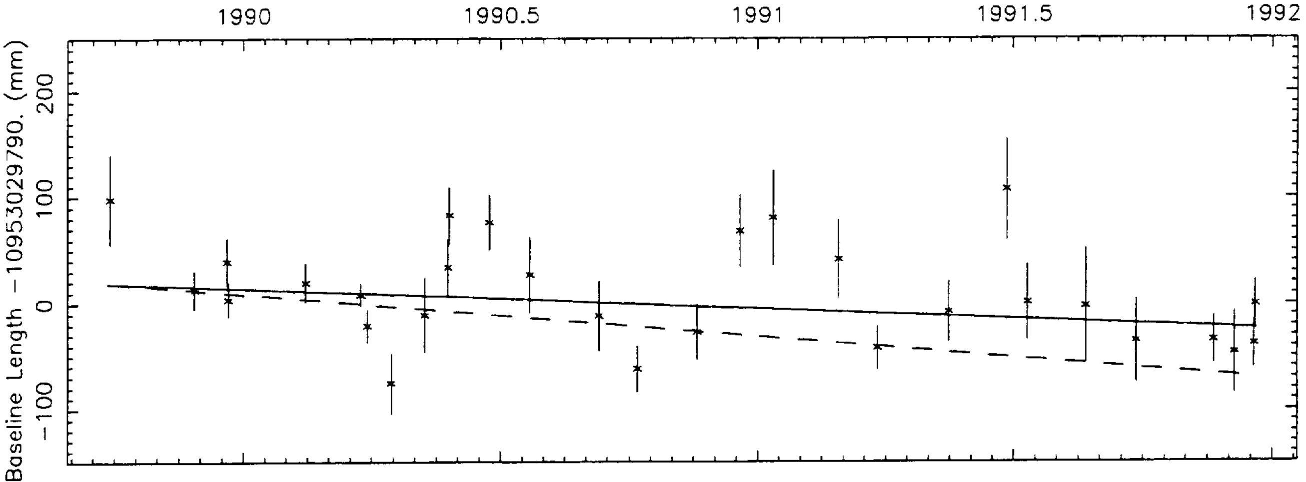


Observed Rate = –7.1 ± 4.6 mm/yr   Wrms of fit = 12.1 mm   Reduced Chi square = 2.91
NUVEL model rate = –11.3 mm/yr

Vector baseline plots for GILCREEK-HOBART26

Baseline length = 10953 kilometers

Number of sessions = 29



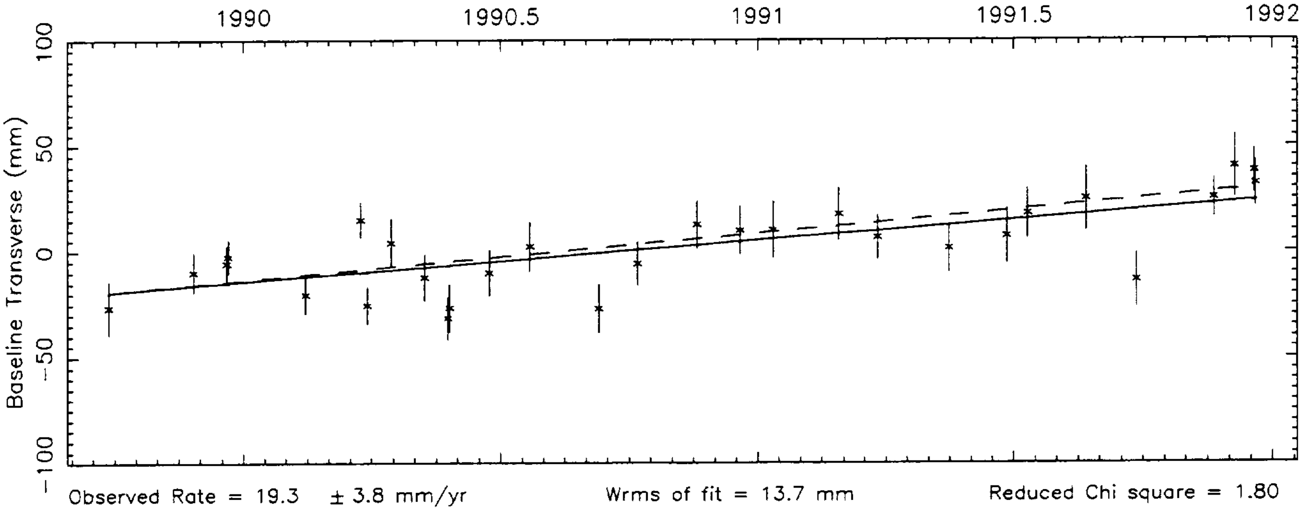
Observed Rate = −19.2 ± 10.3 mm/yr

Wrms of fit = 35.7 mm

Reduced Chi square = 2.47

NUVEL model rate = −40.2 mm/yr

Weighted mean length = 10953029792.0 mm

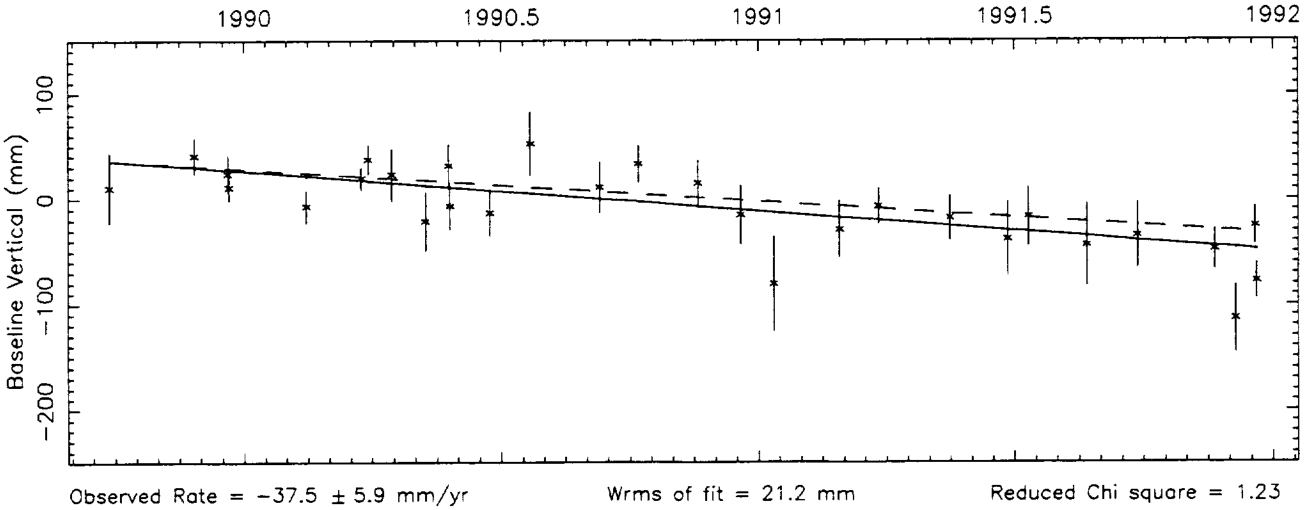


Observed Rate = 19.3 ± 3.8 mm/yr

Wrms of fit = 13.7 mm

Reduced Chi square = 1.80

NUVEL model rate = 22.0 mm/yr



Observed Rate = −37.5 ± 5.9 mm/yr

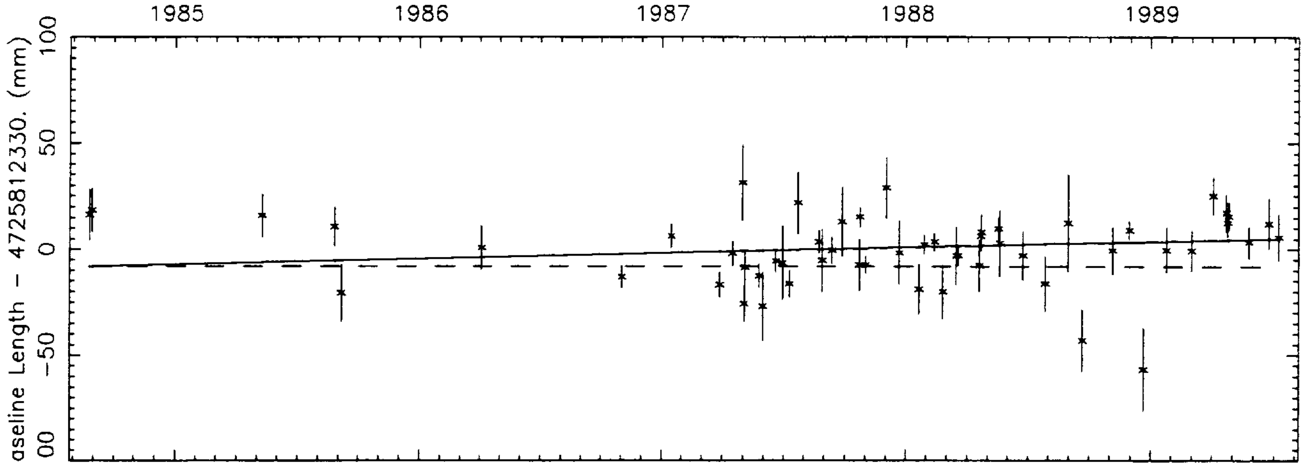
Wrms of fit = 21.2 mm

Reduced Chi square = 1.23

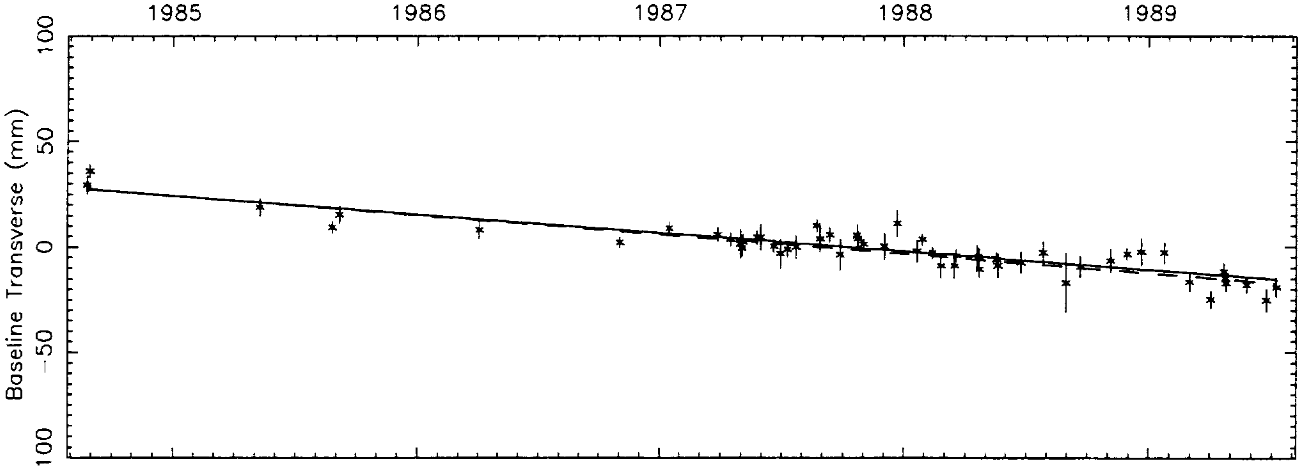
NUVEL model rate = −30.2 mm/yr

Vector baseline plots for GILCREEK–HRAS 085

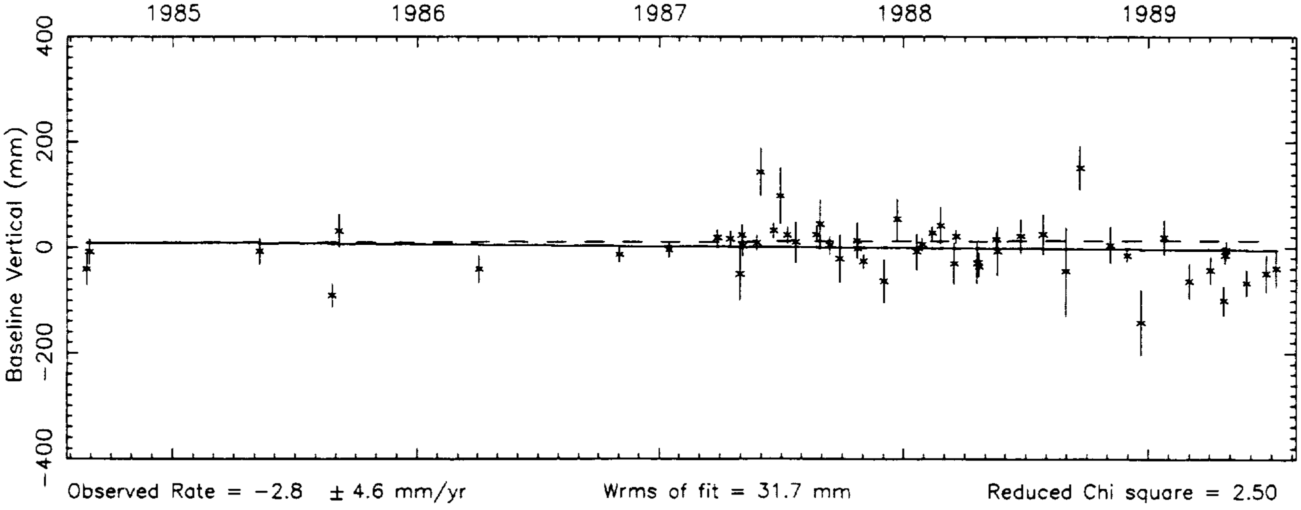
Baseline length = 4726 kilometers Number of sessions = 55



Observed Rate = 2.7 ± 1.7 mm/yr Wrms of fit = 11.6 mm Reduced Chi square = 2.43
NUVEL model rate = .0 mm/yr Weighted mean length = 4725812330.6 mm



Observed Rate = -8.8 ± .6 mm/yr Wrms of fit = 4.9 mm Reduced Chi square = 1.63
NUVEL model rate = -9.2 mm/yr

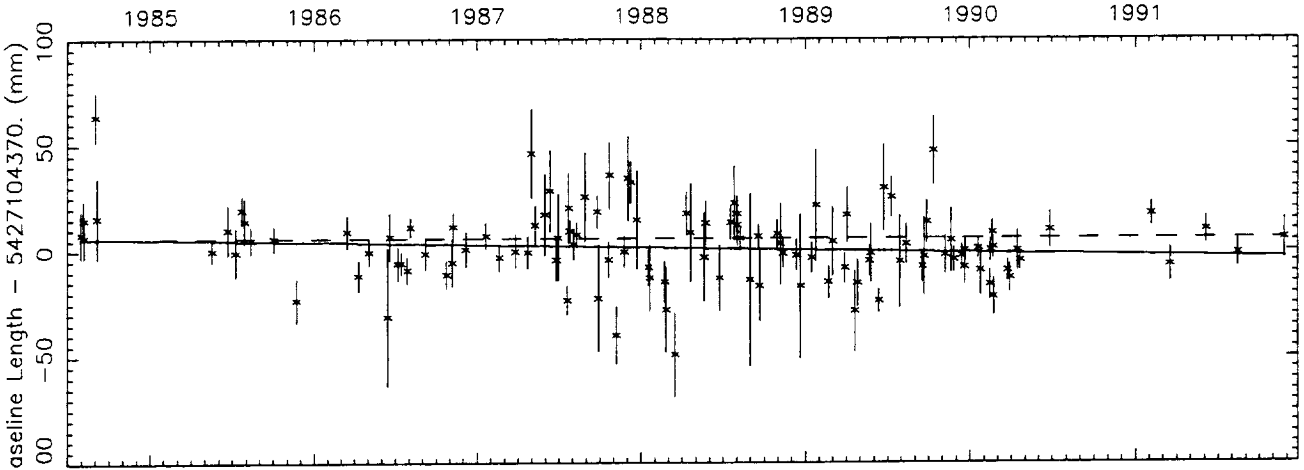


Observed Rate = -2.8 ± 4.6 mm/yr Wrms of fit = 31.7 mm Reduced Chi square = 2.50
NUVEL model rate = 1.0 mm/yr

Vector baseline plots for GILCREEK–KASHIMA

Baseline length = 5427 kilometers

Number of sessions = 117



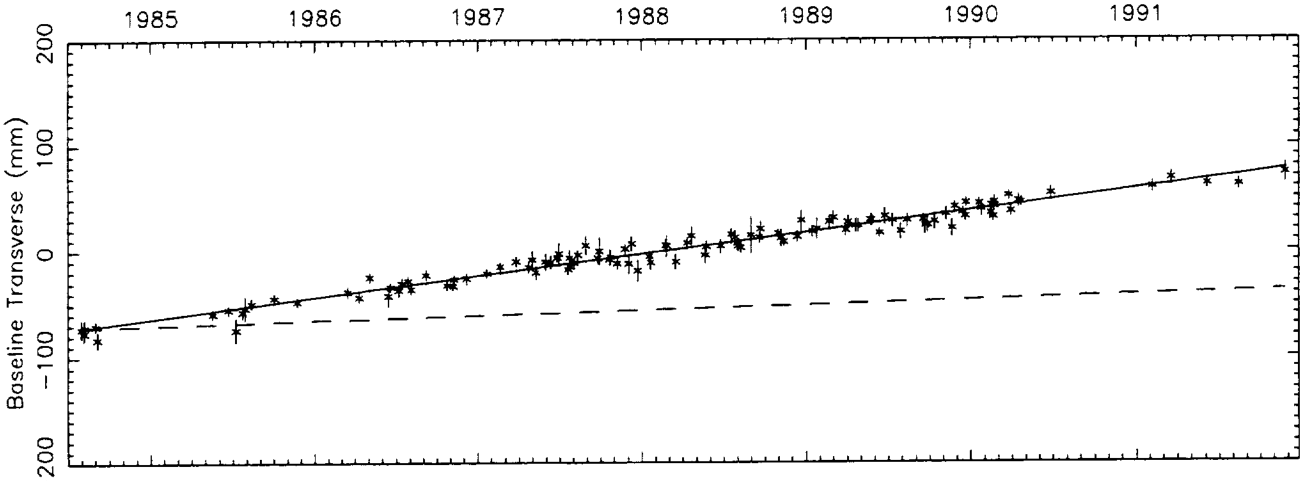
Observed Rate = −1.3 ± .6 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 11.9 mm

Weighted mean length = 5427104371.0 mm

Reduced Chi square = 2.21

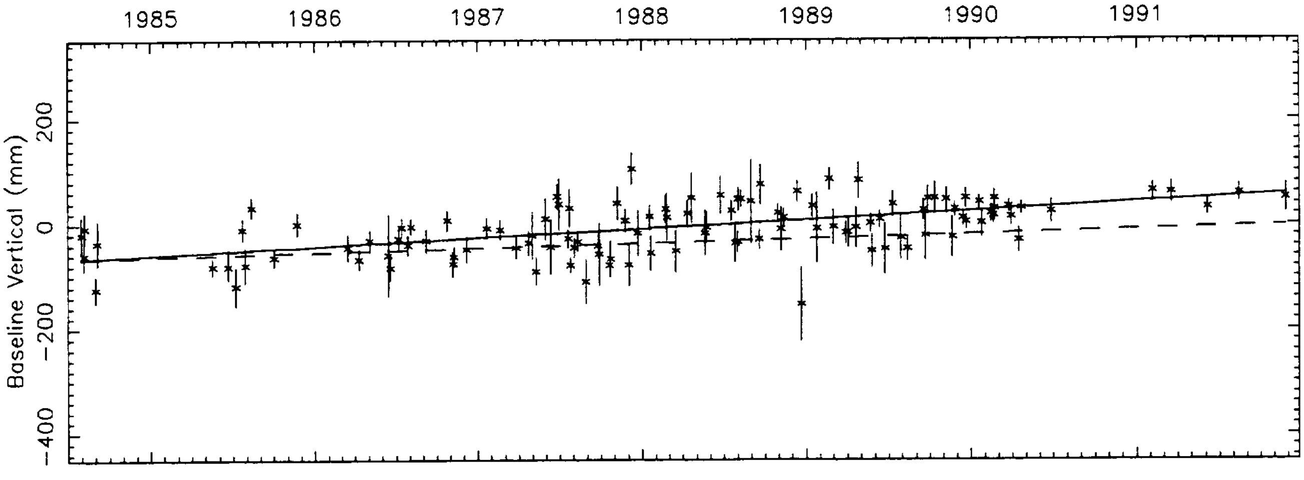


Observed Rate = 20.3 ± .3 mm/yr

NUVEL model rate = 4.7 mm/yr

Wrms of fit = 5.6 mm

Reduced Chi square = 1.11



Observed Rate = 16.8 ± 1.8 mm/yr

NUVEL model rate = 8.7 mm/yr

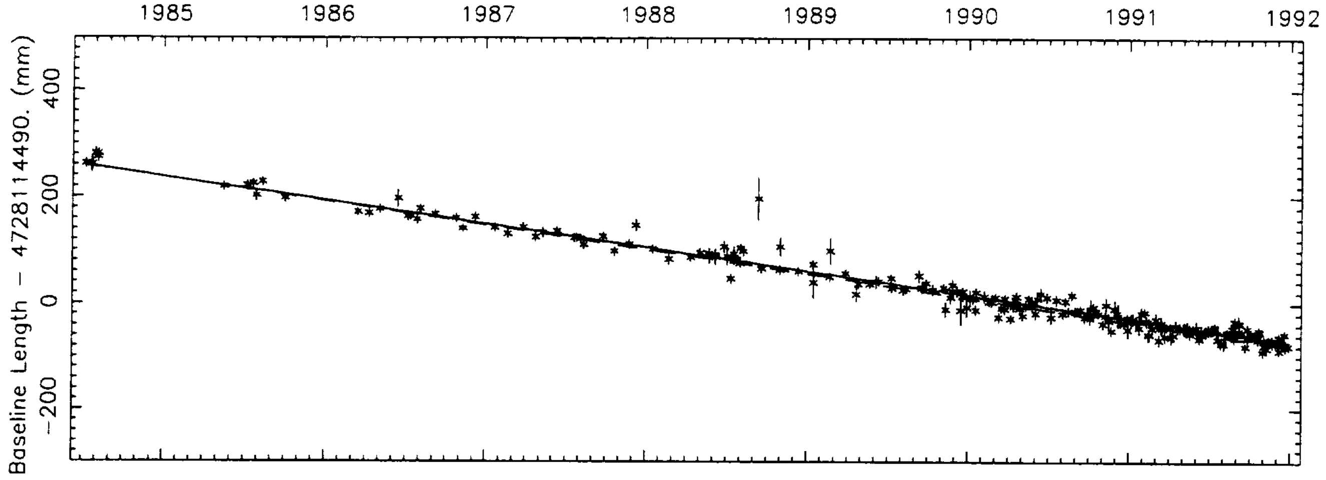
Wrms of fit = 33.2 mm

Reduced Chi square = 2.37

Vector baseline plots for GILCREEK–KAUAI

Baseline length = 4728 kilometers

Number of sessions = 236



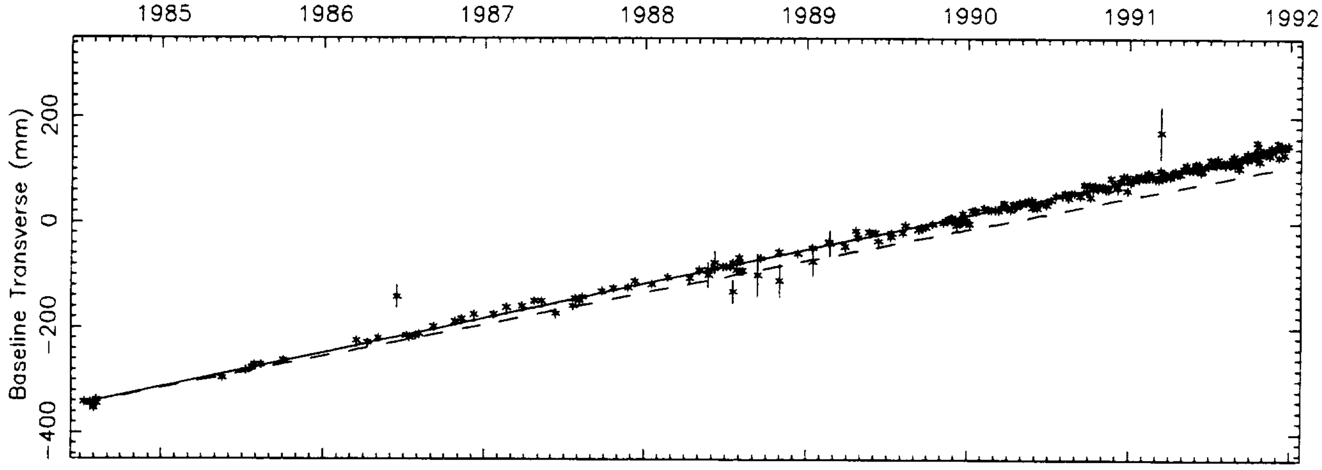
Observed Rate = –44.3 ± .4 mm/yr

NUVEL model rate = –45.4 mm/yr

Wrms of fit = 10.4 mm

Weighted mean length = 4728114489.6 mm

Reduced Chi square = 2.61

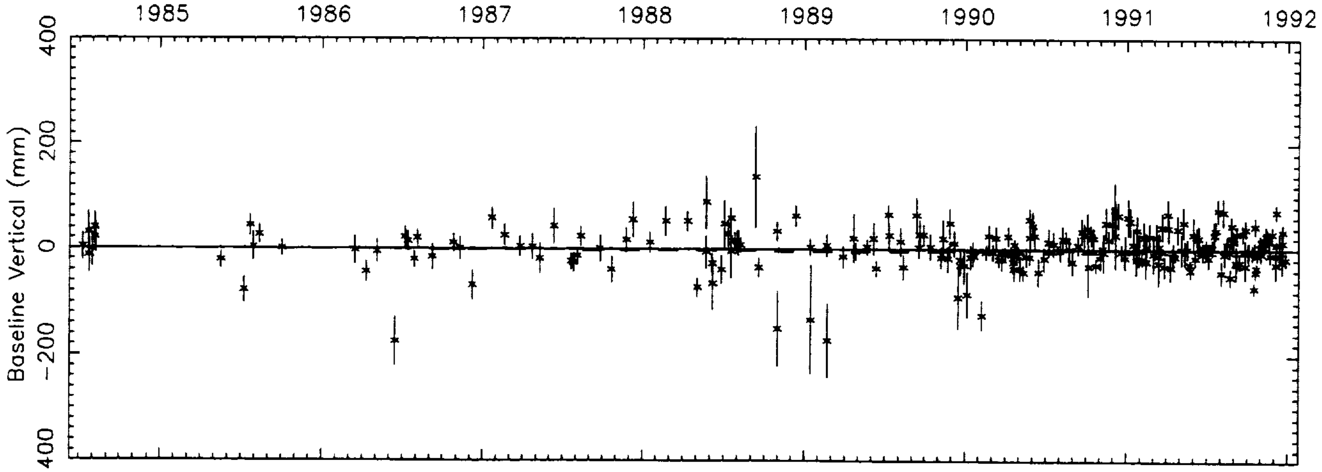


Observed Rate = 65.3 ± .2 mm/yr

NUVEL model rate = 60.5 mm/yr

Wrms of fit = 6.6 mm

Reduced Chi square = 1.85



Observed Rate = .0 ± 1.1 mm/yr

NUVEL model rate = –1.0 mm/yr

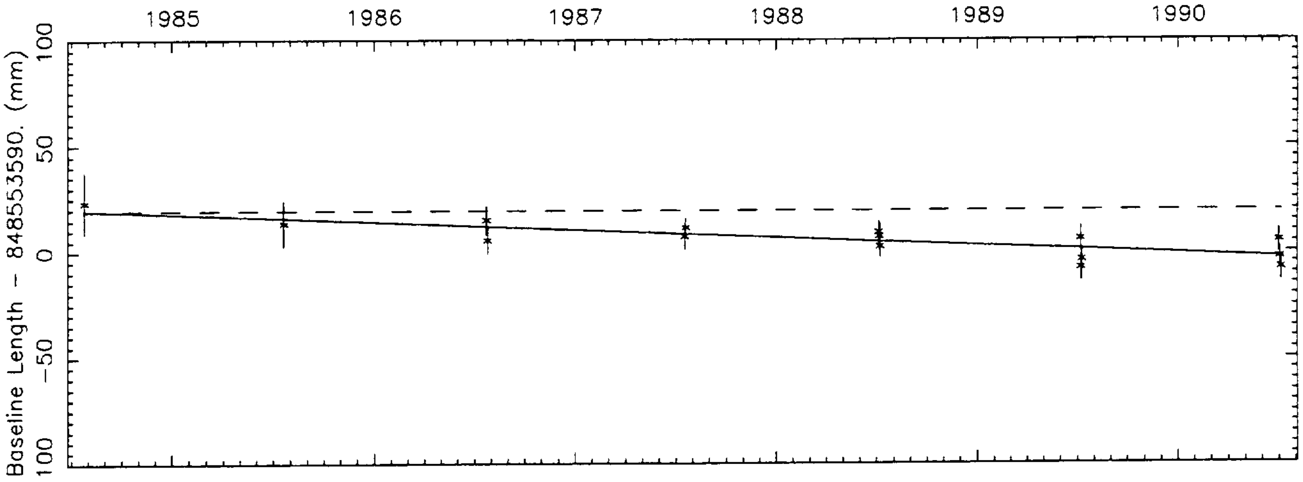
Wrms of fit = 28.0 mm

Reduced Chi square = 2.61

Vector baseline plots for GILCREEK–KODIAK

Baseline length = 849 kilometers

Number of sessions = 15



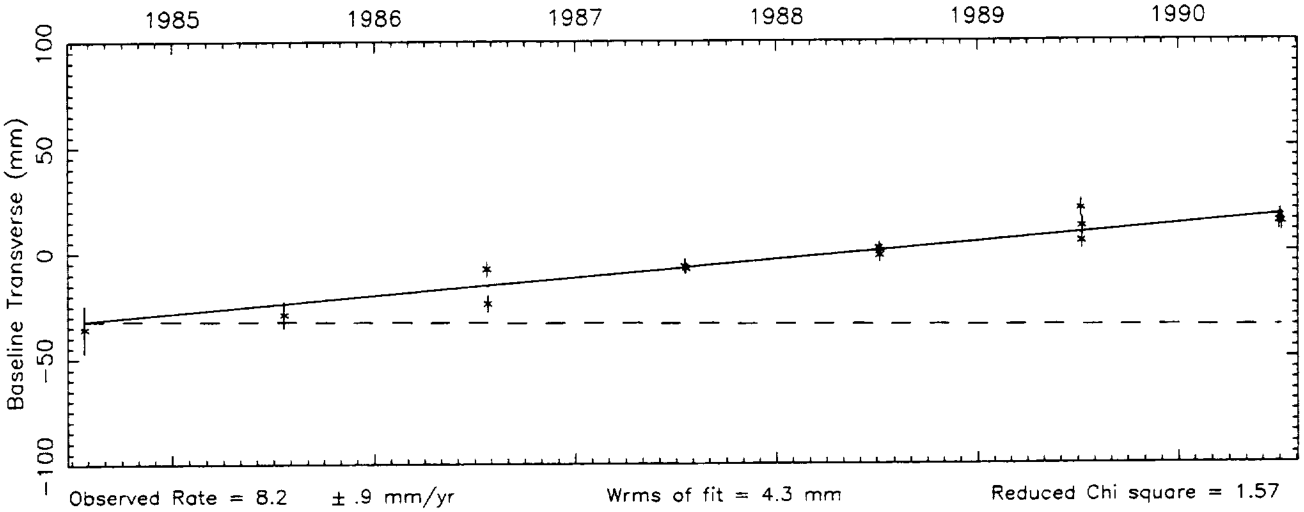
Observed Rate = –3.8 ± .9 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 4.6 mm

Weighted mean length = 848553593.8 mm

Reduced Chi square = .69

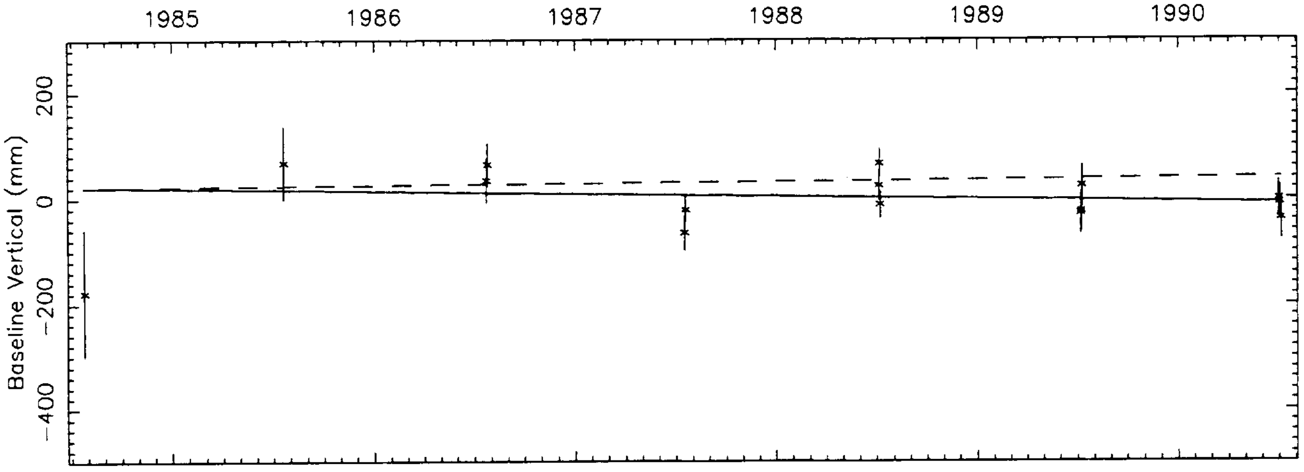


Observed Rate = 8.2 ± .9 mm/yr

NUVEL model rate = –.5 mm/yr

Wrms of fit = 4.3 mm

Reduced Chi square = 1.57



Observed Rate = –5.2 ± 8.3 mm/yr

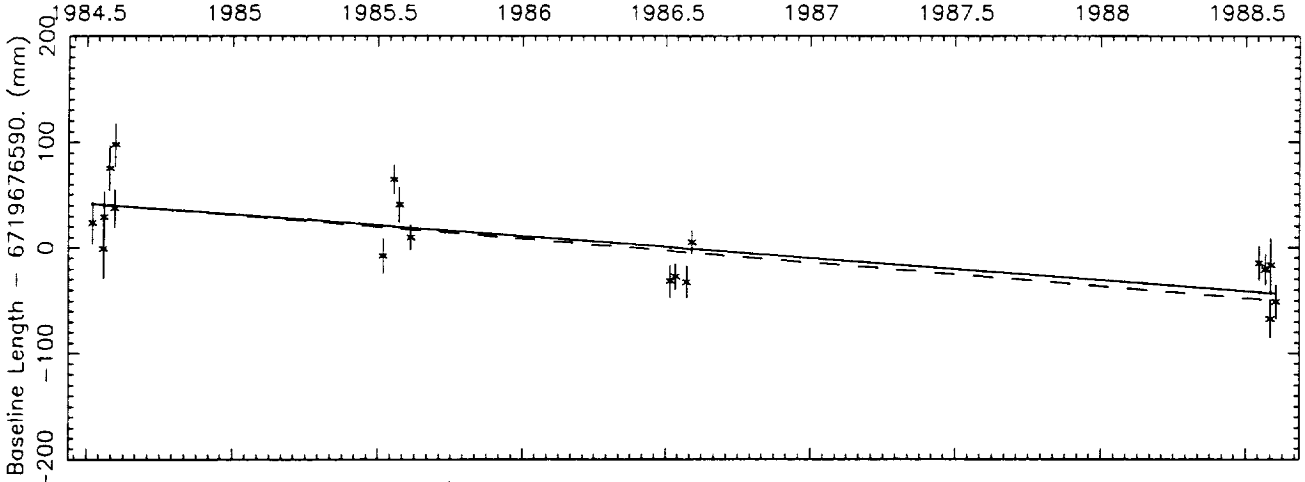
NUVEL model rate = 3.1 mm/yr

Wrms of fit = 39.1 mm

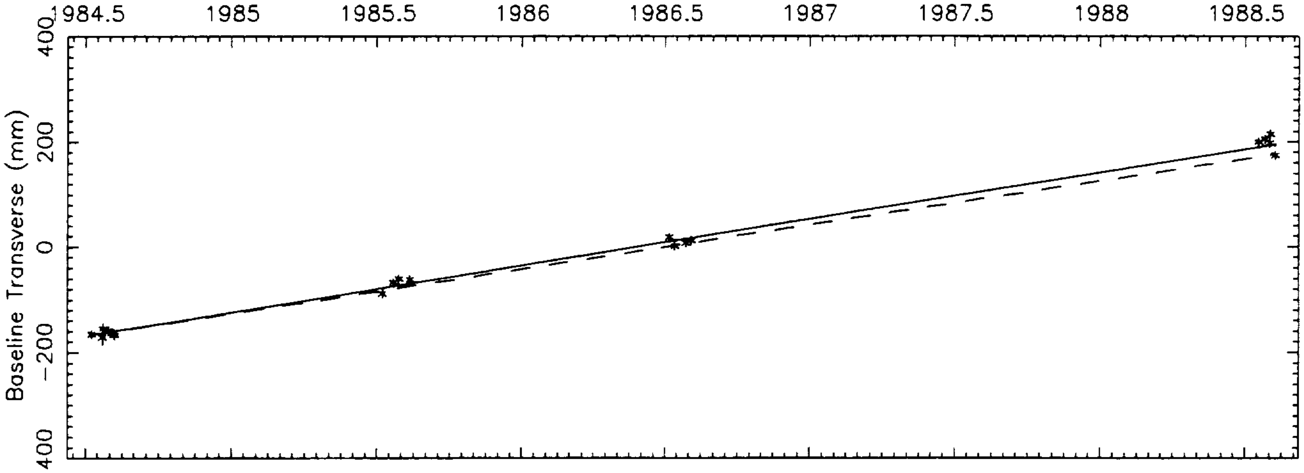
Reduced Chi square = 1.46

Vector baseline plots for GILCREEK–KWAJAL26

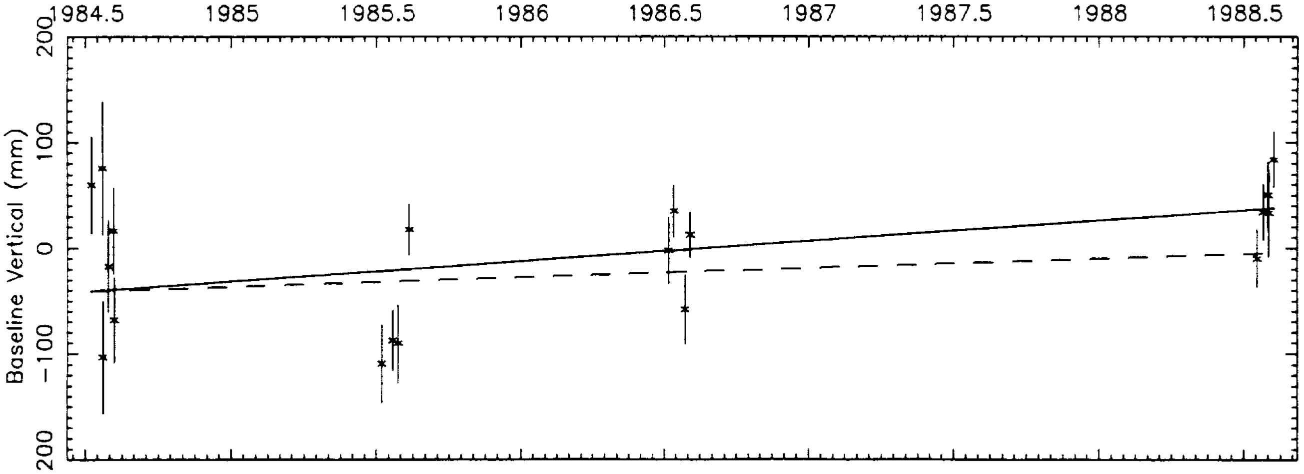
Baseline length = 6720 kilometers   Number of sessions = 19



Observed Rate = –20.7 ± 4.7 mm/yr   Wrms of fit = 26.6 mm   Reduced Chi square = 3.07
NUVEL model rate = –22.4 mm/yr   Weighted mean length = 6719676591.7 mm



Observed Rate = 88.5 ± 1.8 mm/yr   Wrms of fit = 10.0 mm   Reduced Chi square = 2.59
NUVEL model rate = 83.9 mm/yr

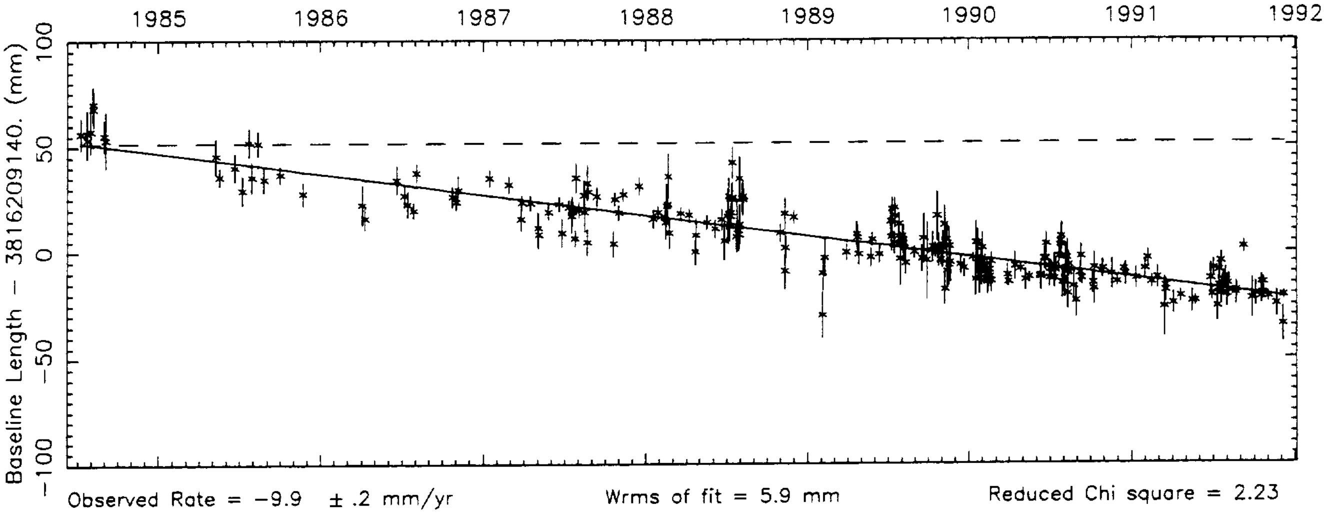


Observed Rate = 19.2 ± 7.9 mm/yr   Wrms of fit = 46.8 mm   Reduced Chi square = 2.42
NUVEL model rate = 8.9 mm/yr

Vector baseline plots for GILCREEK-MOJAVE12

Baseline length = 3816 kilometers

Number of sessions = 266



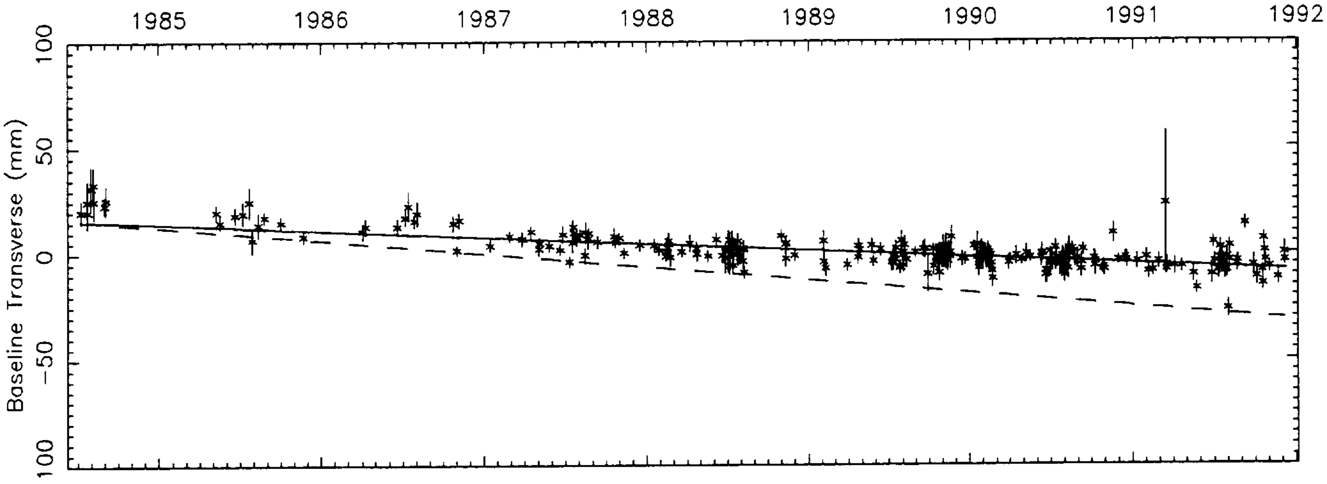
Observed Rate = −9.9 ± .2 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 5.9 mm

Weighted mean length = 3816209139.5 mm

Reduced Chi square = 2.23

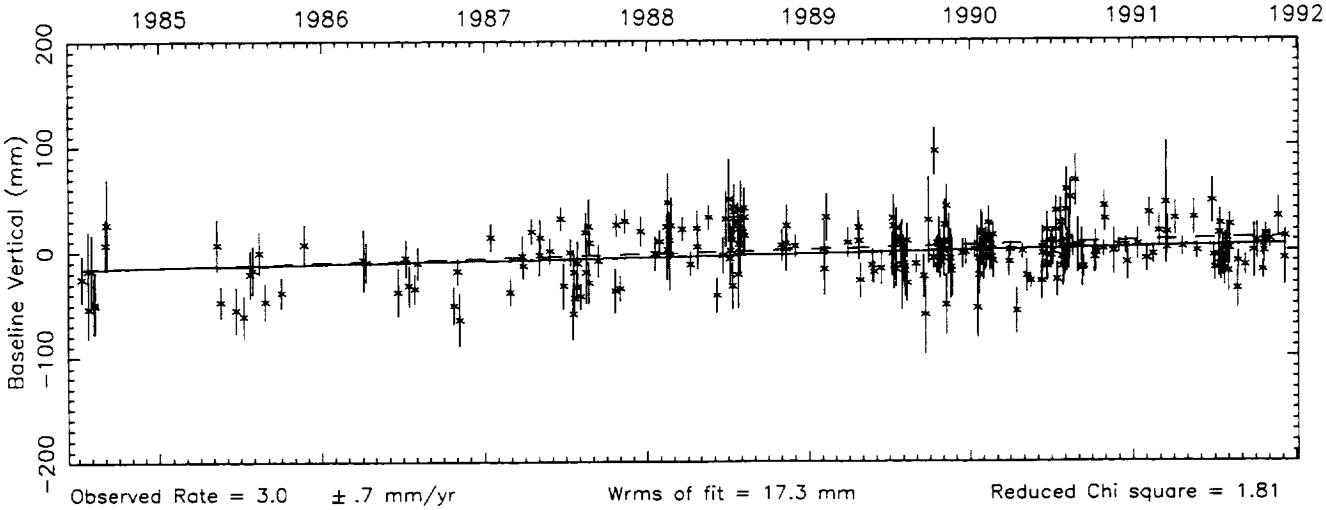


Observed Rate = −3.2 ± .2 mm/yr

NUVEL model rate = −6.3 mm/yr

Wrms of fit = 4.5 mm

Reduced Chi square = 1.84



Observed Rate = 3.0 ± .7 mm/yr

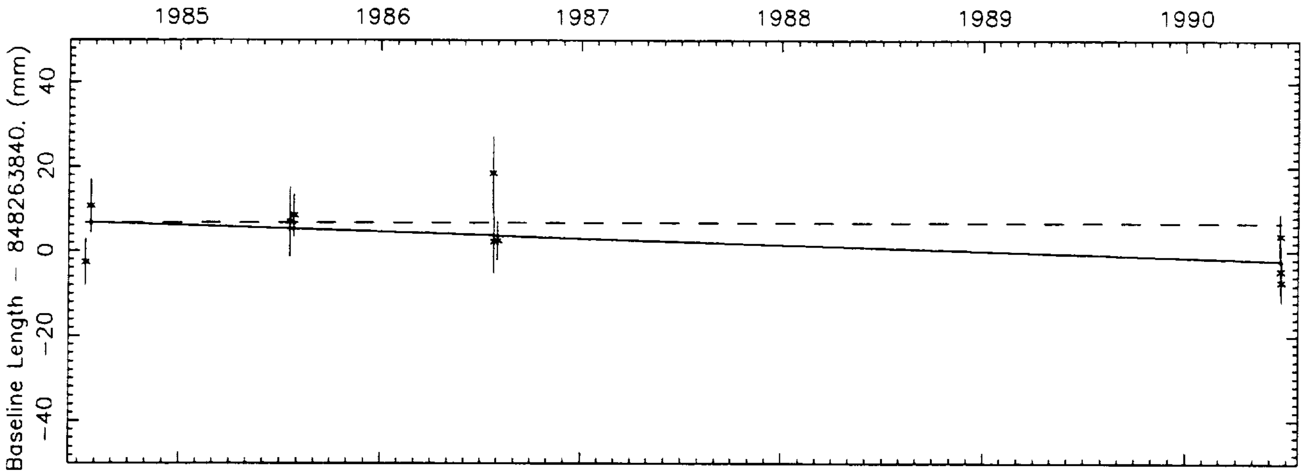
NUVEL model rate = 4.0 mm/yr

Wrms of fit = 17.3 mm

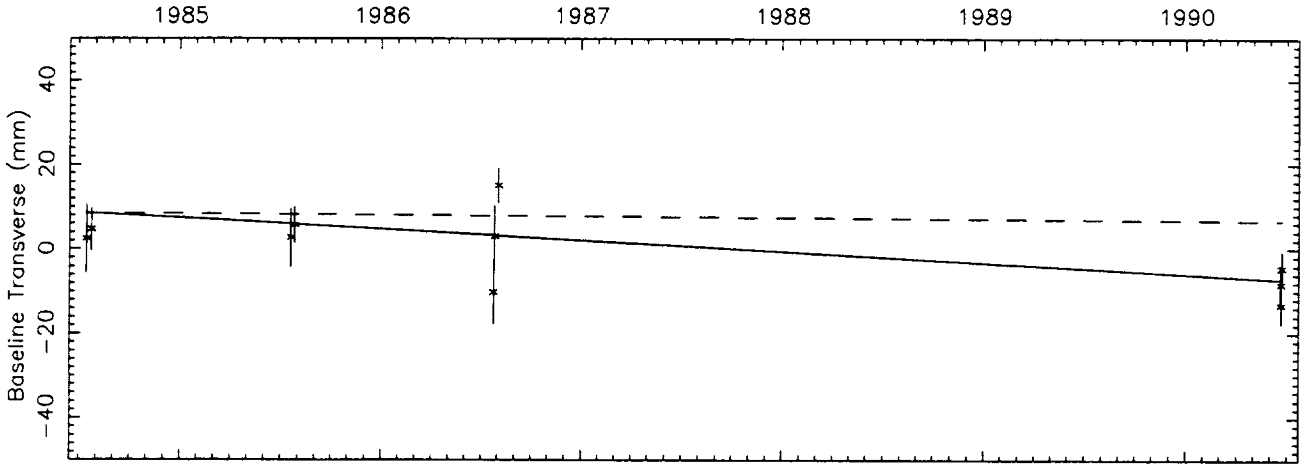
Reduced Chi square = 1.81

Vector baseline plots for GILCREEK–NOME

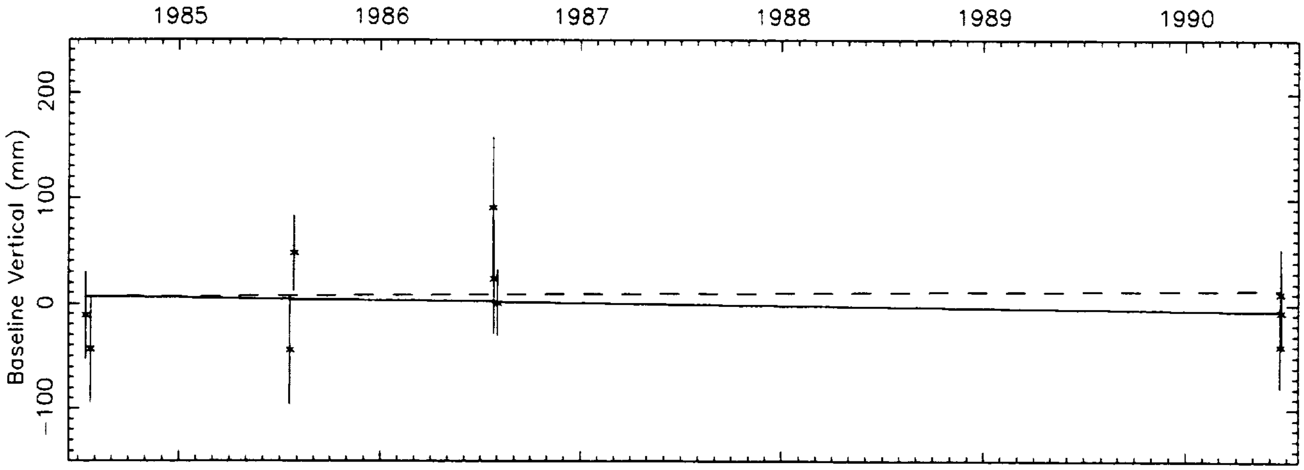
Baseline length = 848 kilometers   Number of sessions = 10



Observed Rate = −1.5 ± .8 mm/yr   Wrms of fit = 5.5 mm   Reduced Chi square = 1.15
NUVEL model rate = .0 mm/yr   Weighted mean length = 848263842.3 mm



Observed Rate = −2.7 ± .9 mm/yr   Wrms of fit = 6.3 mm   Reduced Chi square = 1.94
NUVEL model rate = −.3 mm/yr

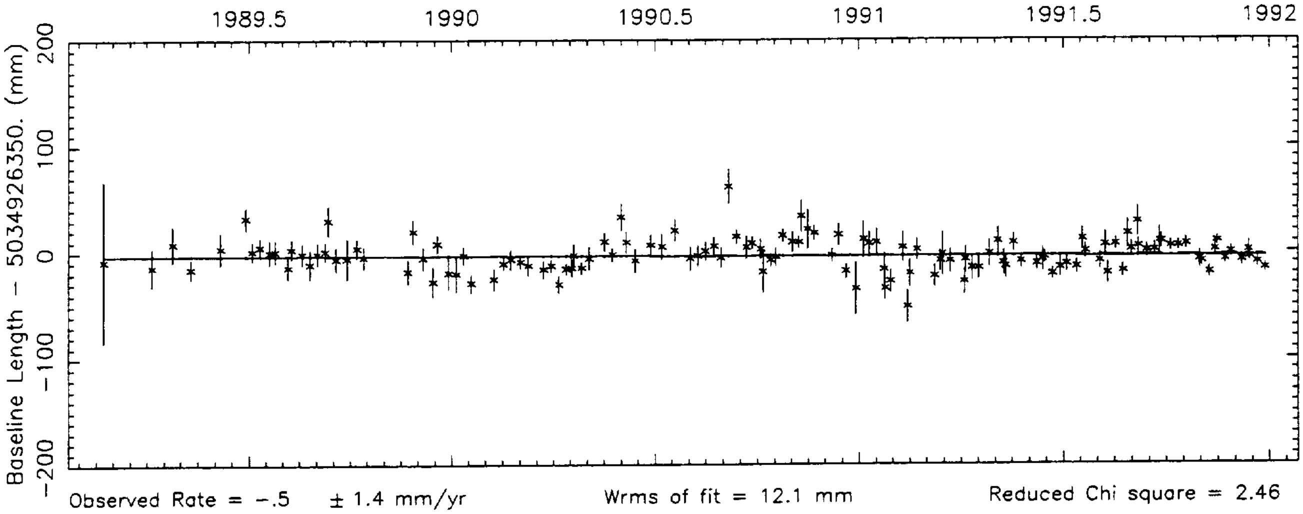


Observed Rate = −2.2 ± 5.0 mm/yr   Wrms of fit = 33.2 mm   Reduced Chi square = .79
NUVEL model rate = 1.2 mm/yr

Vector baseline plots for GILCREEK–NRAO85 3

Baseline length = 5035 kilometers

Number of sessions = 135



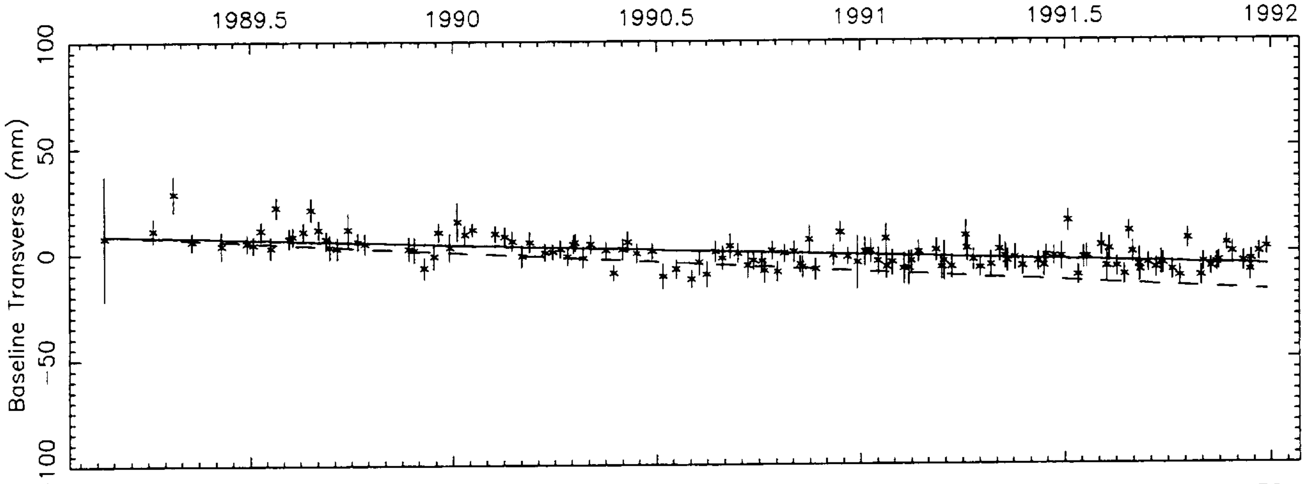
Observed Rate = –.5 ± 1.4 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 12.1 mm

Weighted mean length = 5034926346.3 mm

Reduced Chi square = 2.46

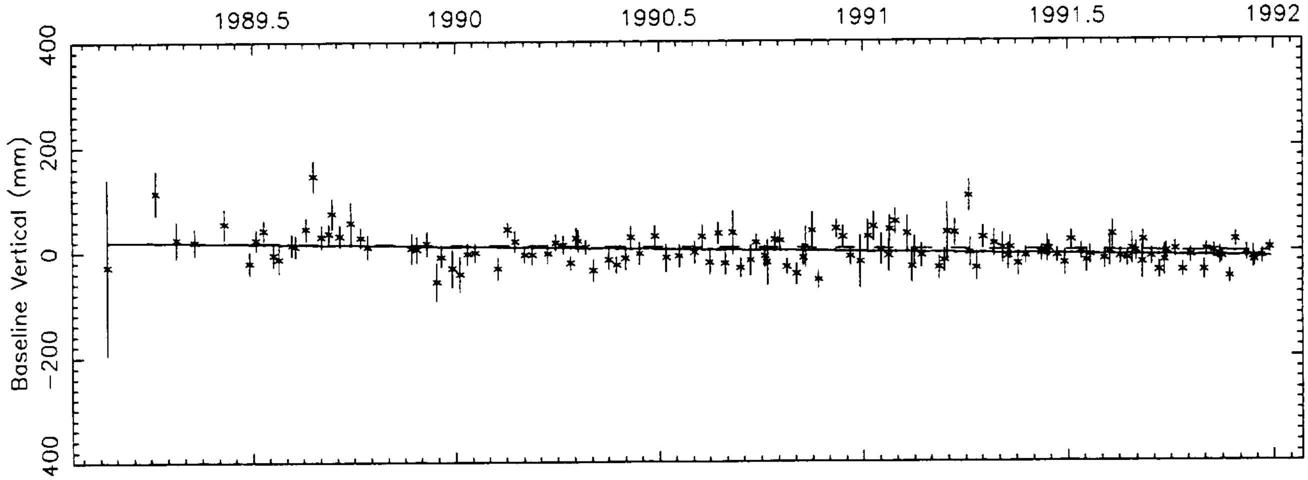


Observed Rate = –5.2 ± .6 mm/yr

NUVEL model rate = –9.5 mm/yr

Wrms of fit = 5.6 mm

Reduced Chi square = 1.36



Observed Rate = –11.6 ± 2.7 mm/yr

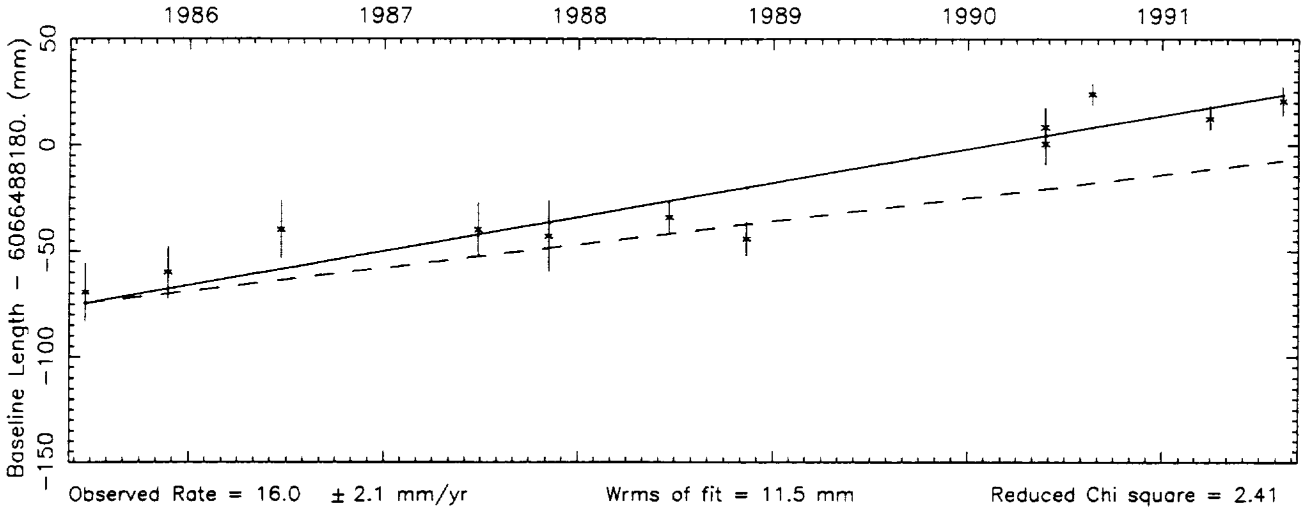
NUVEL model rate = –8.4 mm/yr

Wrms of fit = 24.3 mm

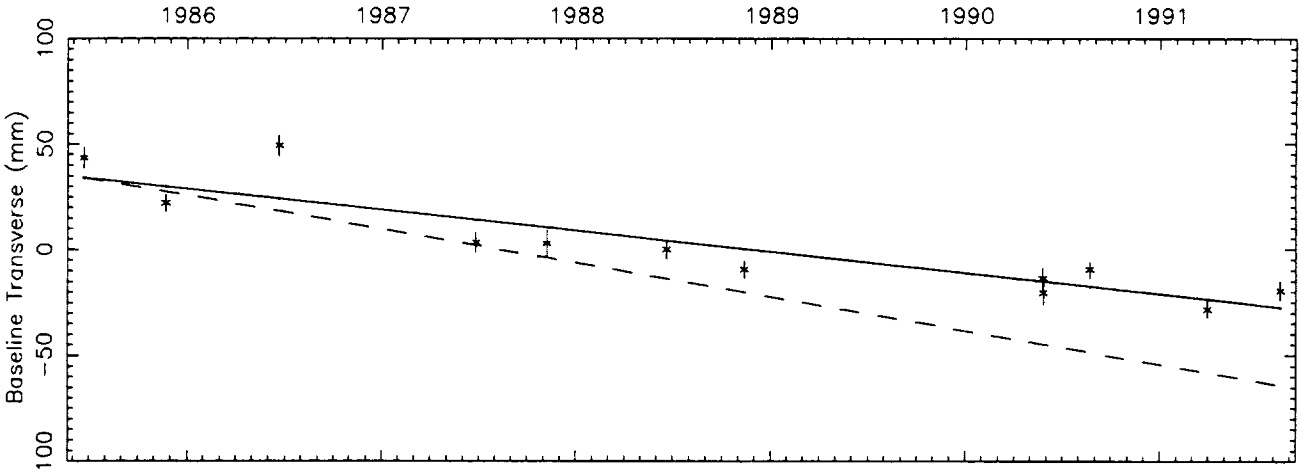
Reduced Chi square = 1.53

Vector baseline plots for GILCREEK-ONSALA60

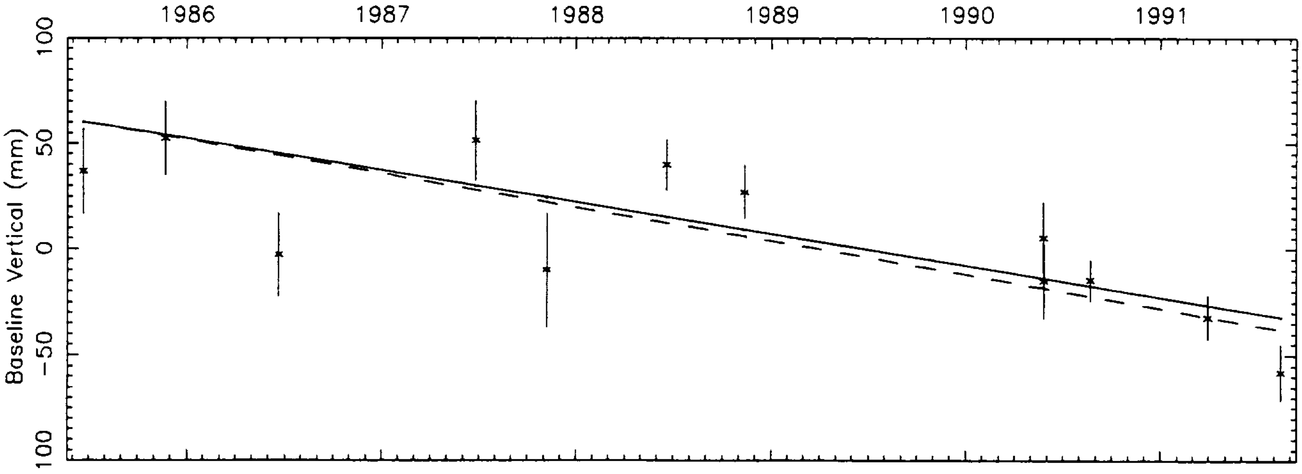
Baseline length = 6066 kilometers   Number of sessions = 12



Observed Rate = 16.0 ± 2.1 mm/yr   Wrms of fit = 11.5 mm   Reduced Chi square = 2.41
NUVEL model rate = 11.0 mm/yr   Weighted mean length = 6066488175.3 mm



Observed Rate = −10.0 ± 1.5 mm/yr   Wrms of fit = 9.8 mm   Reduced Chi square = 5.56
NUVEL model rate = −16.0 mm/yr

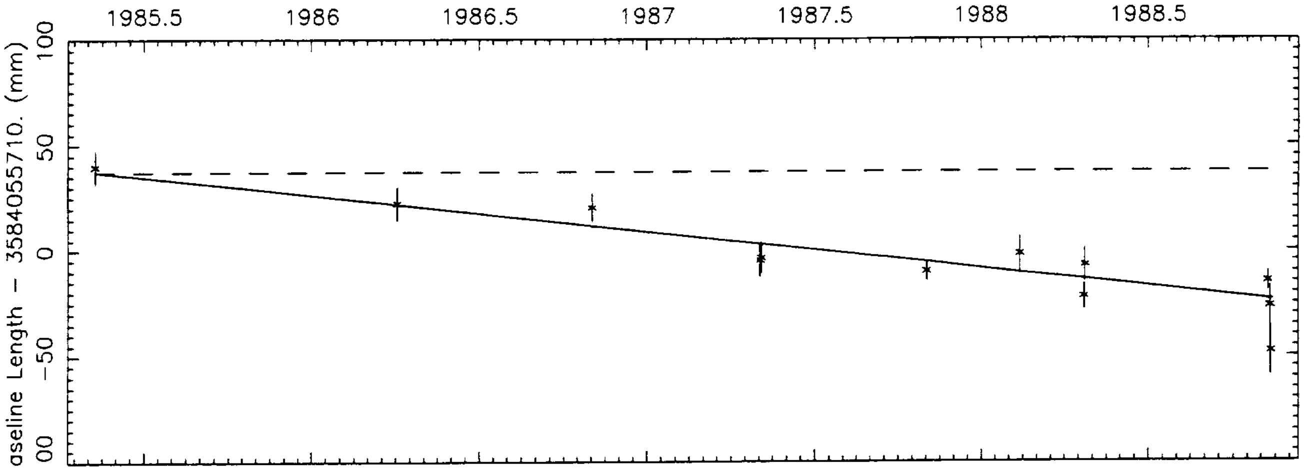


Observed Rate = −15.0 ± 3.3 mm/yr   Wrms of fit = 19.4 mm   Reduced Chi square = 2.19
NUVEL model rate = −16.0 mm/yr

Vector baseline plots for GILCREEK–OVRO 130

Baseline length = 3584 kilometers

Number of sessions = 12



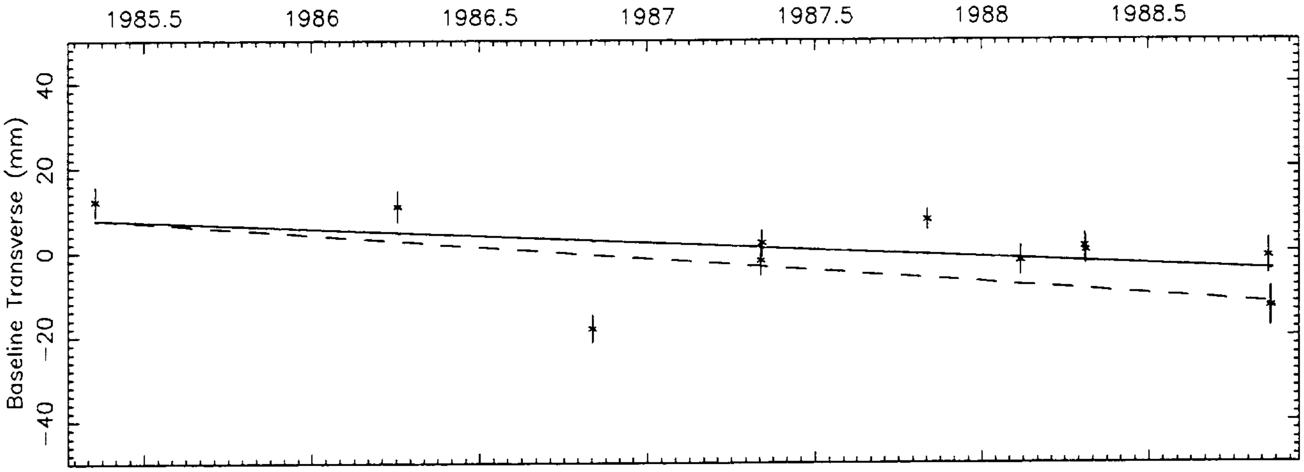
Observed Rate = –17.4 ± 2.5 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 7.8 mm

Weighted mean length = 3584055705.1 mm

Reduced Chi square = 1.67

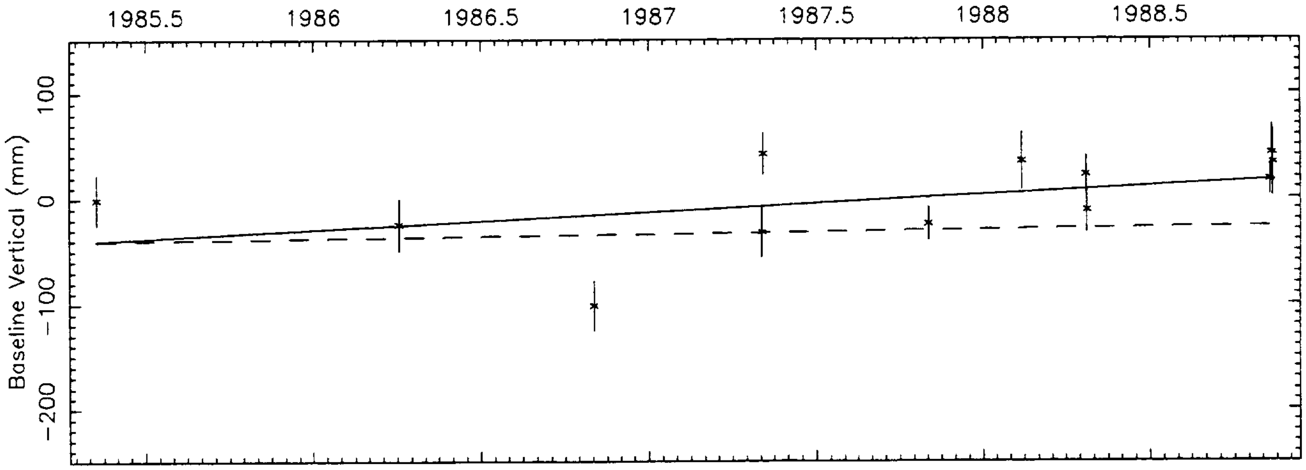


Observed Rate = –3.4 ± 2.6 mm/yr

NUVEL model rate = –5.7 mm/yr

Wrms of fit = 8.1 mm

Reduced Chi square = 6.47



Observed Rate = 16.3 ± 10.4 mm/yr

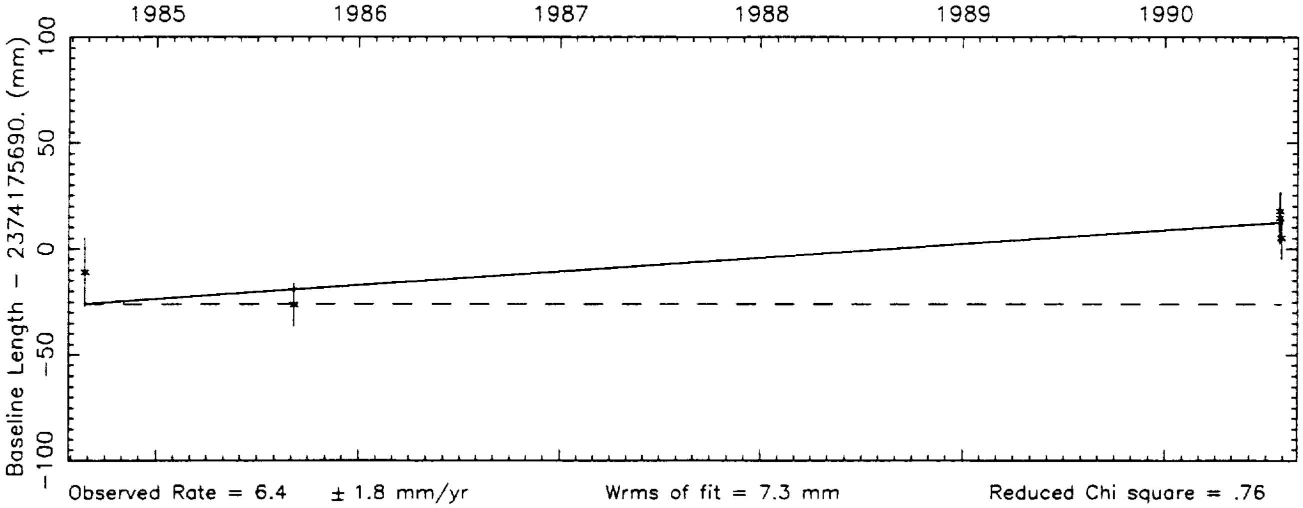
NUVEL model rate = 3.8 mm/yr

Wrms of fit = 32.4 mm

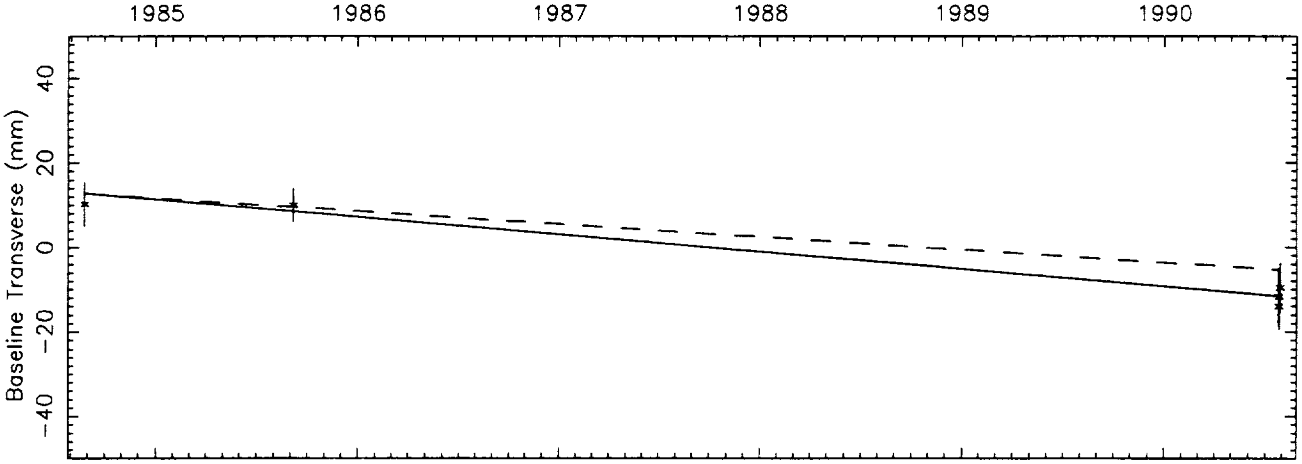
Reduced Chi square = 2.92

Vector baseline plots for GILCREEK–PENTICTN

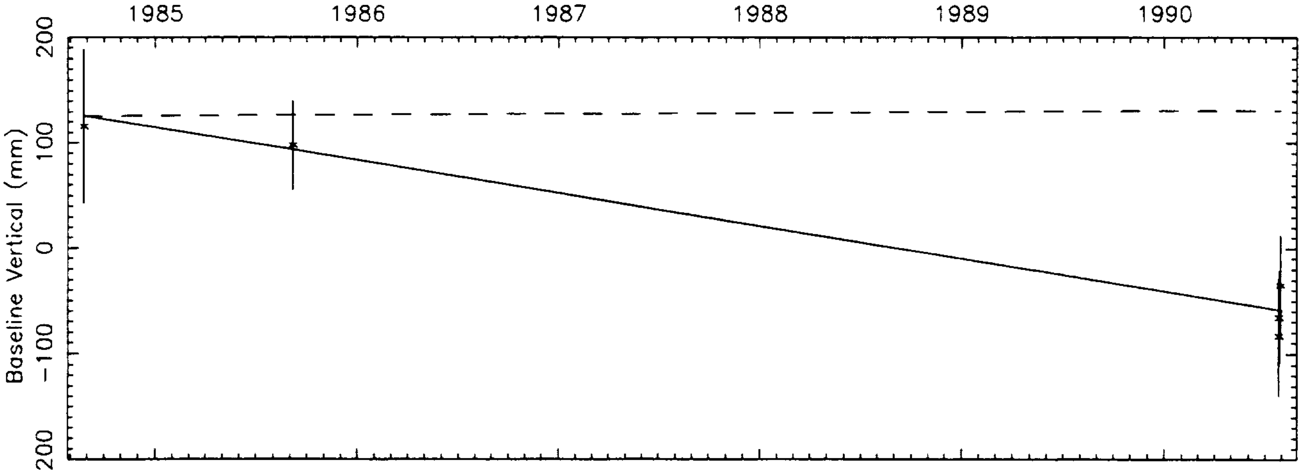
Baseline length = 2374 kilometers   Number of sessions = 5



Observed Rate = 6.4 ± 1.8 mm/yr   Wrms of fit = 7.3 mm   Reduced Chi square = .76
NUVEL model rate = .0 mm/yr   Weighted mean length = 2374175691.8 mm



Observed Rate = –4.1 ± .4 mm/yr   Wrms of fit = 1.9 mm   Reduced Chi square = .24
NUVEL model rate = –3.1 mm/yr

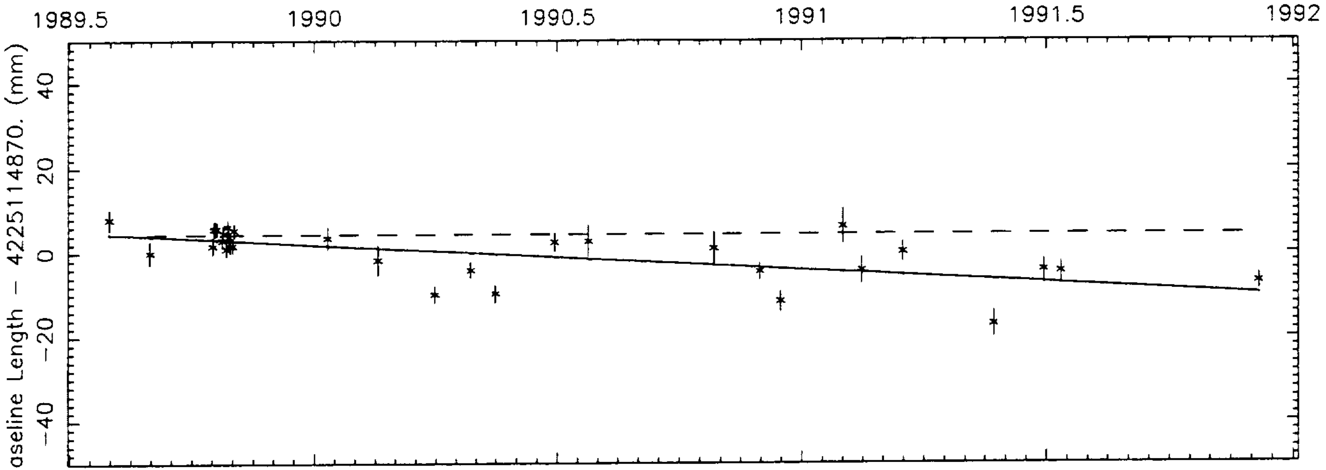


Observed Rate = –31.2 ± 3.6 mm/yr   Wrms of fit = 15.6 mm   Reduced Chi square = .16
NUVEL model rate = 1.0 mm/yr

Vector baseline plots for GILCREEK–PIETOWN

Baseline length = 4225 kilometers

Number of sessions = 31



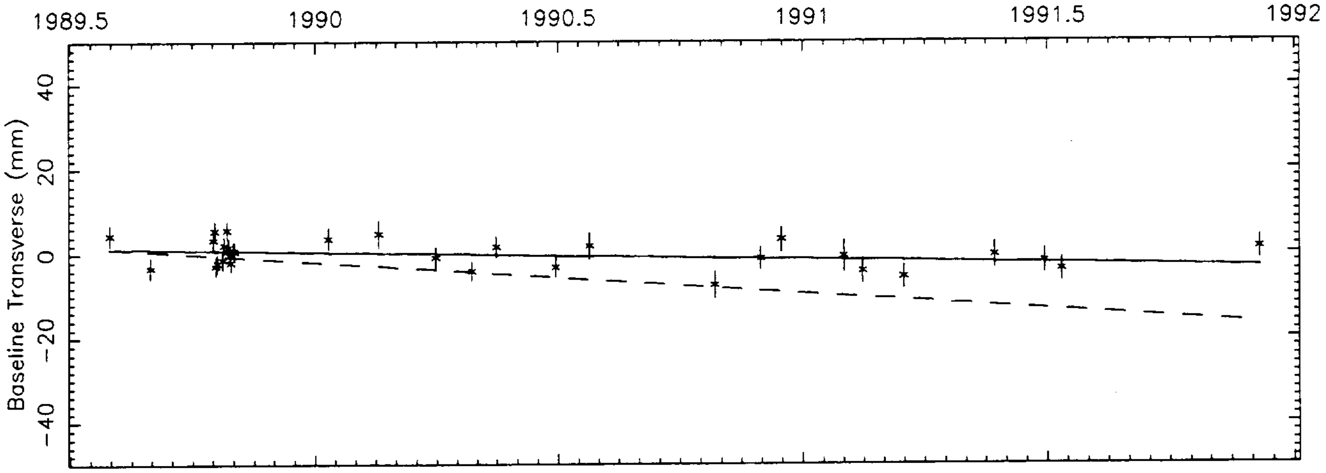
Observed Rate = −6.1 ± 1.2 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 4.0 mm

Weighted mean length = 4225114870.7 mm

Reduced Chi square = 4.17

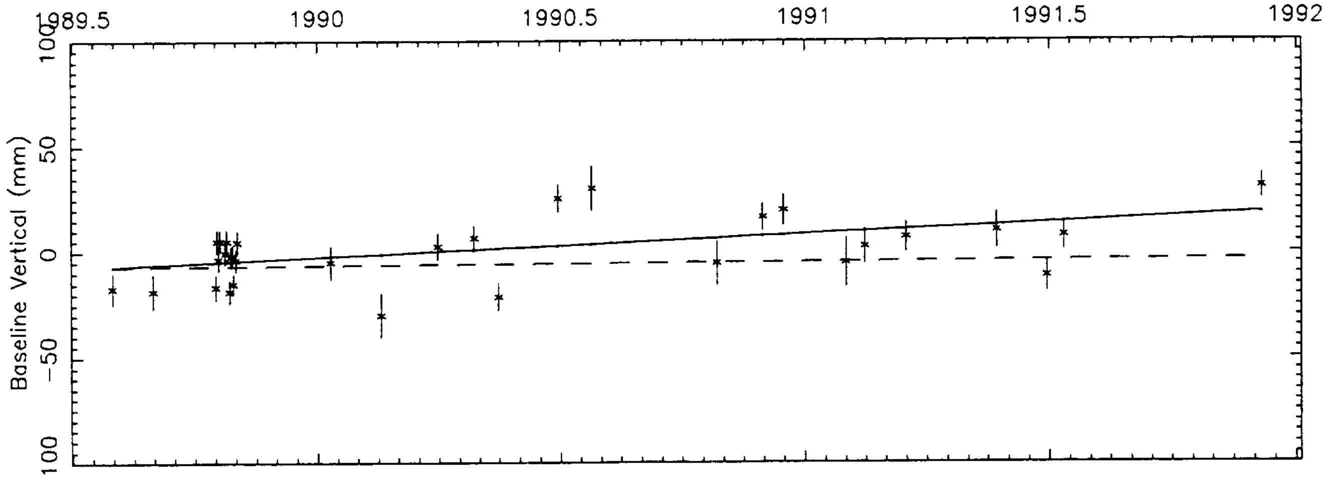


Observed Rate = −1.9 ± .9 mm/yr

NUVEL model rate = −7.6 mm/yr

Wrms of fit = 3.0 mm

Reduced Chi square = 1.58



Observed Rate = 10.8 ± 3.3 mm/yr

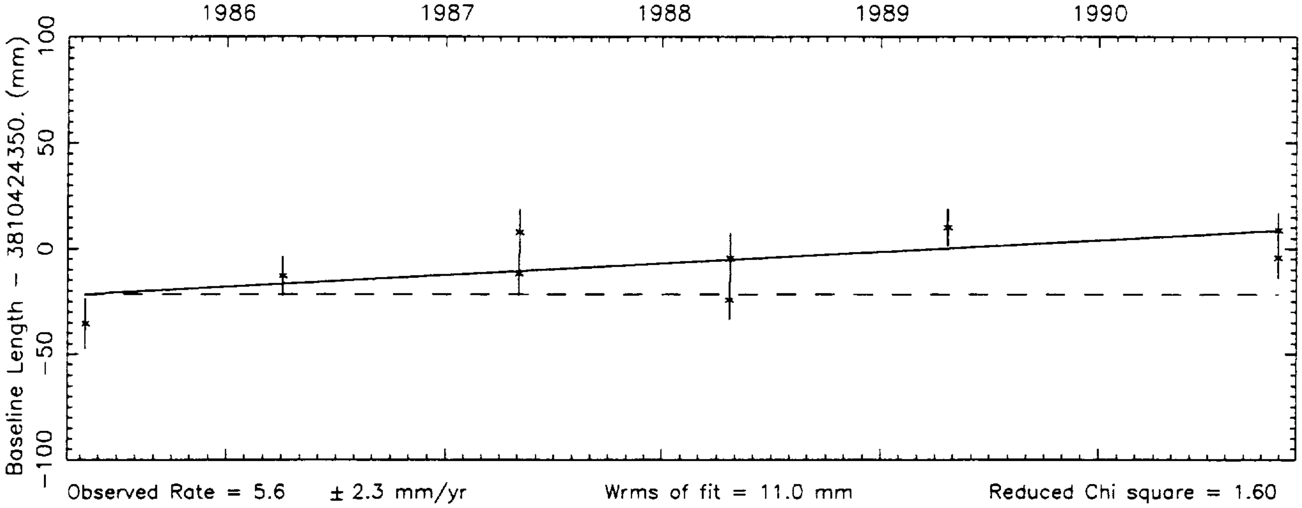
NUVEL model rate = 1.6 mm/yr

Wrms of fit = 11.2 mm

Reduced Chi square = 3.40

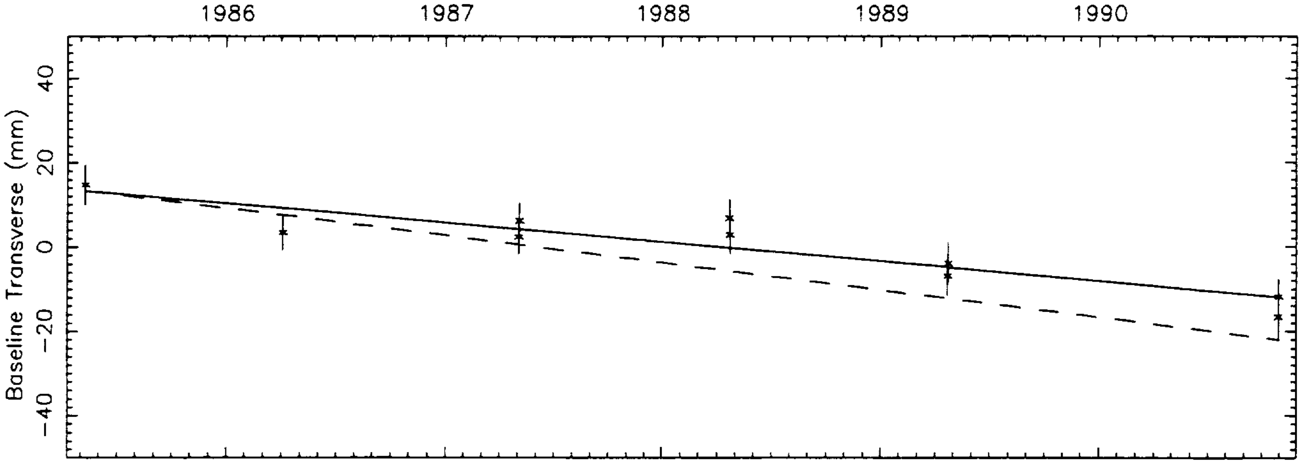
Vector baseline plots for GILCREEK–PLATTVIL

Baseline length = 3810 kilometers   Number of sessions = 10



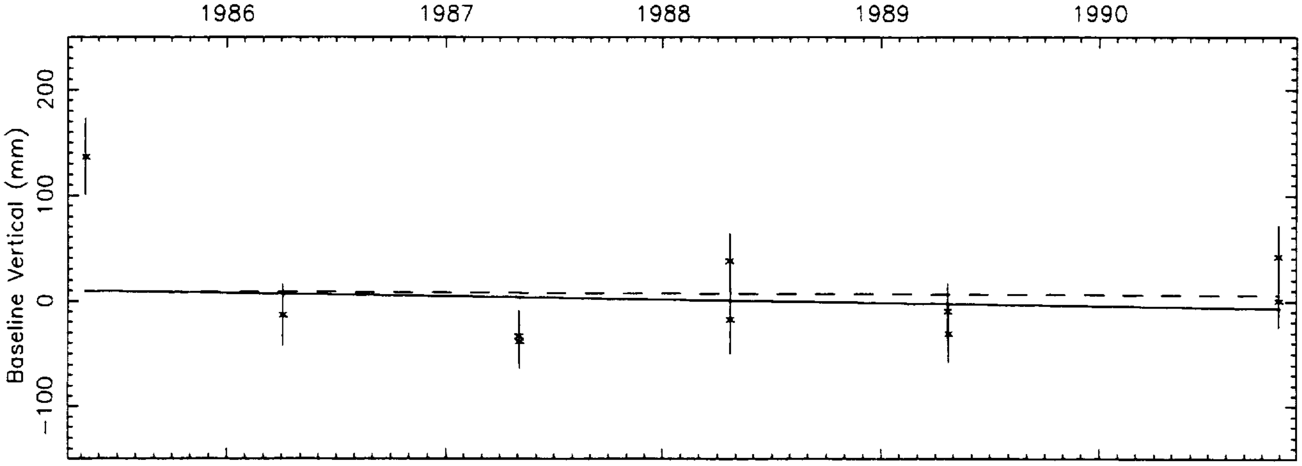
Observed Rate = 5.6 ± 2.3 mm/yr   Wrms of fit = 11.0 mm   Reduced Chi square = 1.60

NUVEL model rate = .0 mm/yr   Weighted mean length = 3810424345.9 mm



Observed Rate = –4.6 ± .8 mm/yr   Wrms of fit = 3.6 mm   Reduced Chi square = .84

NUVEL model rate = –6.4 mm/yr



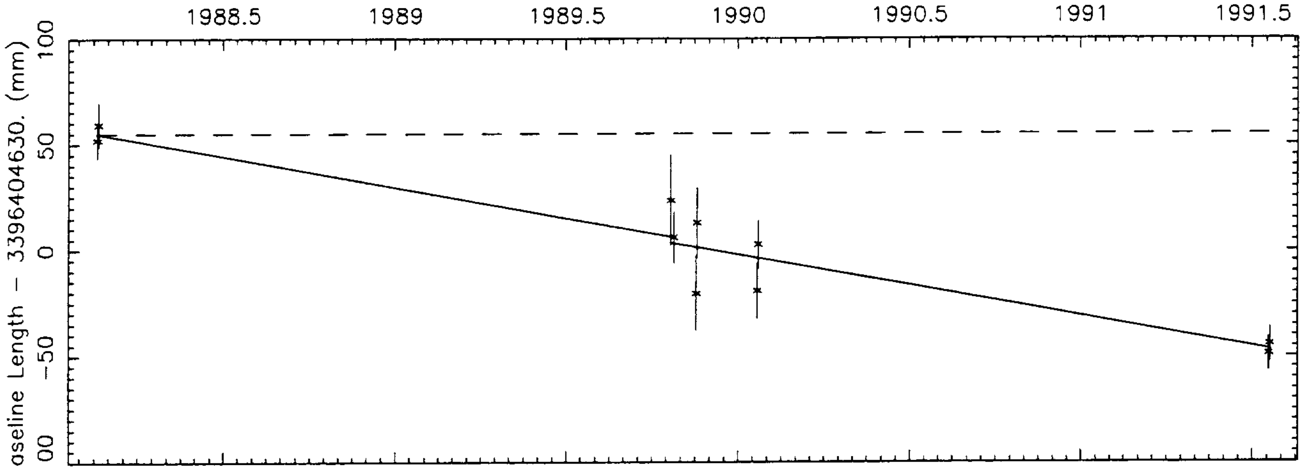
Observed Rate = –3.0 ± 9.3 mm/yr   Wrms of fit = 42.9 mm   Reduced Chi square = 2.98

NUVEL model rate = –.7 mm/yr

Vector baseline plots for GILCREEK-PRESIDIO

Baseline length = 3396 kilometers

Number of sessions = 10



Observed Rate = -29.0 ± 4.3 mm/yr

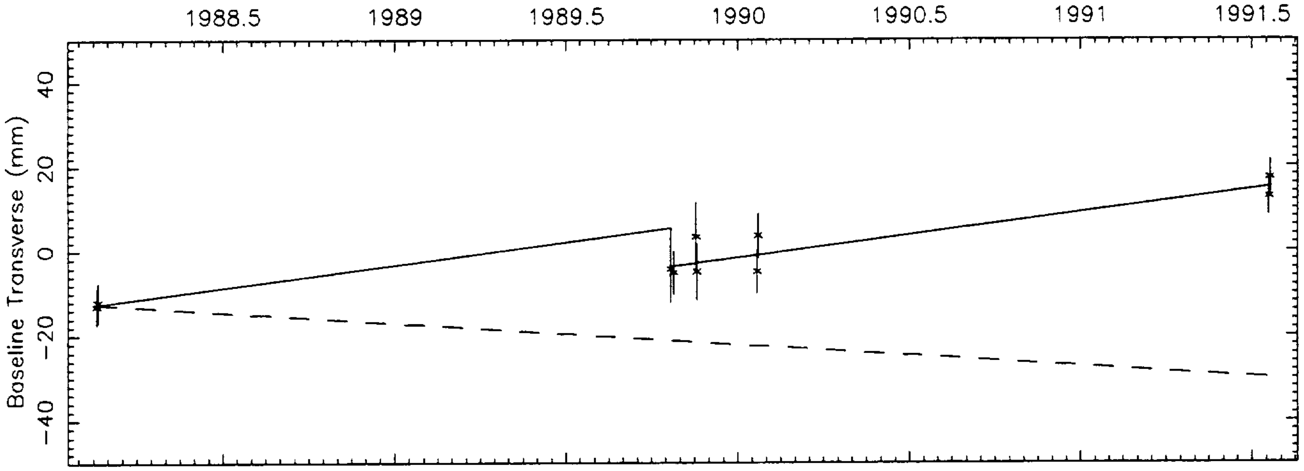
NUVEL model rate = .0 mm/yr

Wrms of fit = 7.9 mm

Weighted mean length = 3396404627.2 mm

Offset = -2.8 ± 13.2 mm

Reduced Chi square = .75



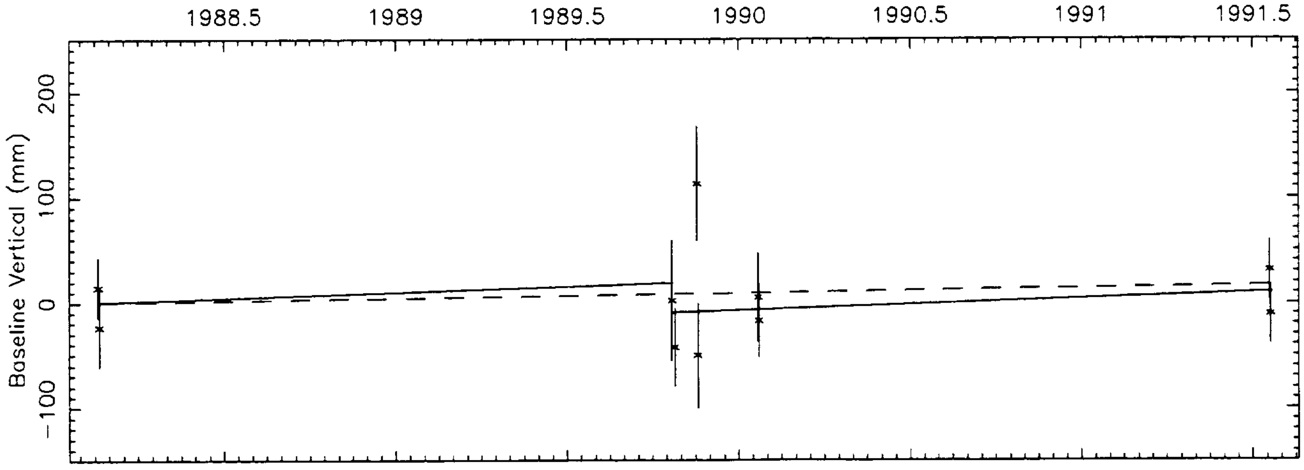
Observed Rate = 10.7 ± 1.5 mm/yr

NUVEL model rate = -5.1 mm/yr

Wrms of fit = 2.7 mm

Offset = -9.1 ± 4.3 mm

Reduced Chi square = .39



Observed Rate = 11.1 ± 18.1 mm/yr

NUVEL model rate = 4.8 mm/yr

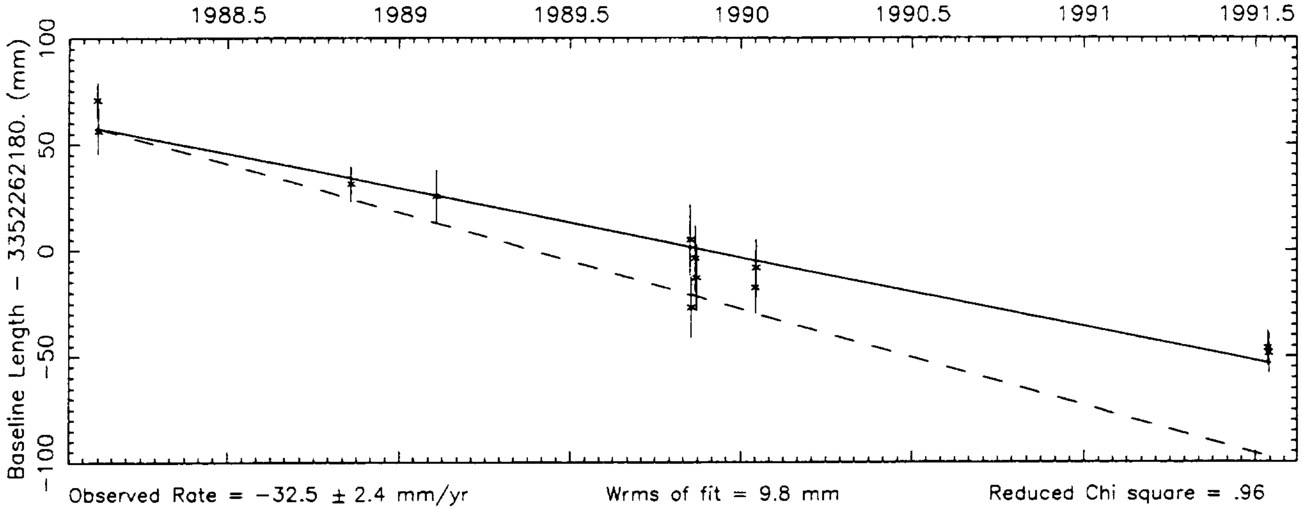
Wrms of fit = 33.3 mm

Offset = -28.2 ± 54.1 mm

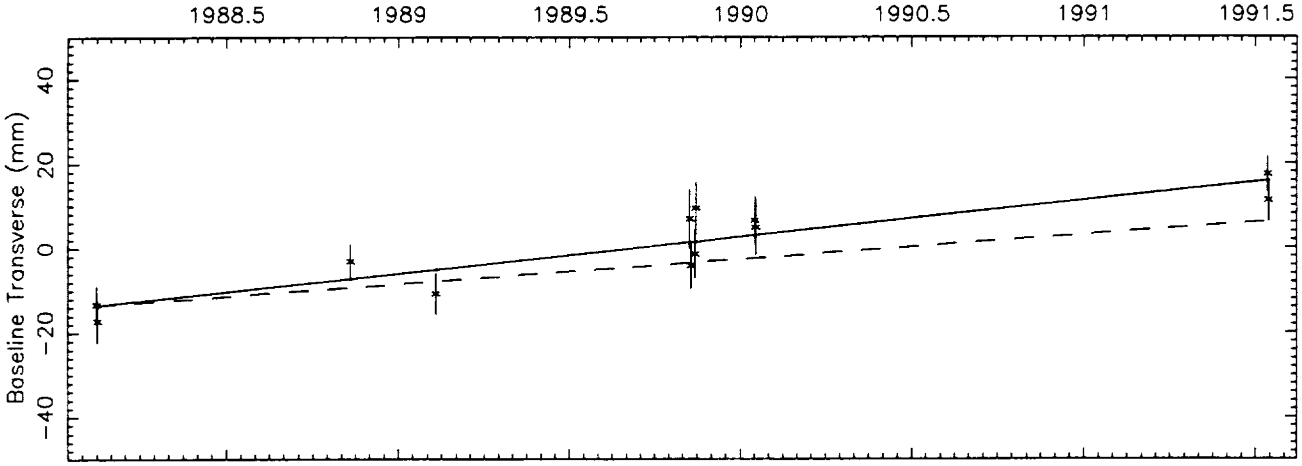
Reduced Chi square = 1.21

Vector baseline plots for GILCREEK–PT REYES

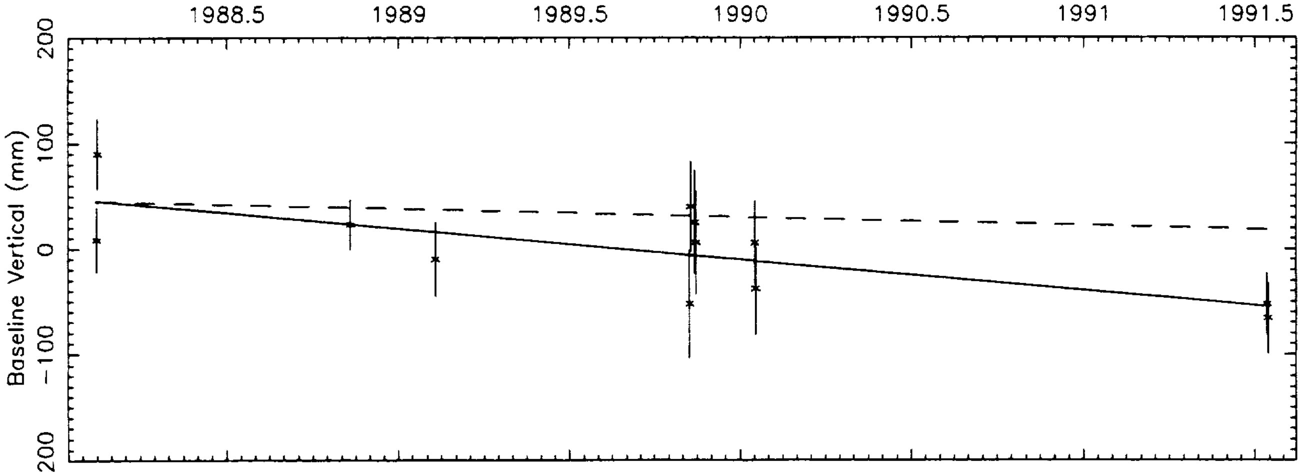
Baseline length = 3352 kilometers   Number of sessions = 12



Observed Rate = −32.5 ± 2.4 mm/yr   Wrms of fit = 9.8 mm   Reduced Chi square = .96
NUVEL model rate = −45.5 mm/yr   Weighted mean length = 3352262183.9 mm



Observed Rate = 8.6 ± 1.1 mm/yr   Wrms of fit = 4.2 mm   Reduced Chi square = .82
NUVEL model rate = 5.8 mm/yr

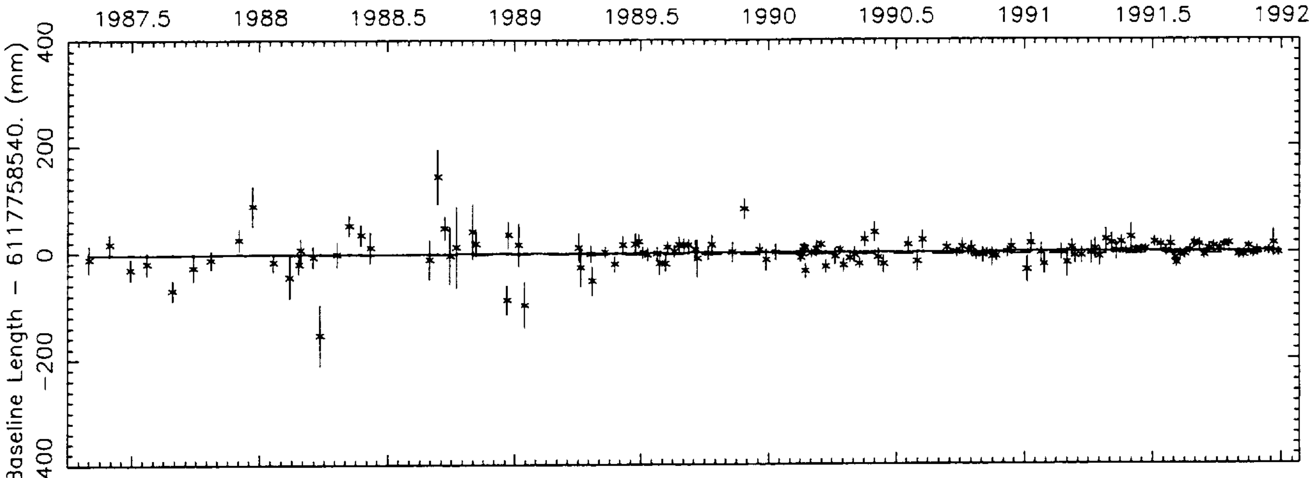


Observed Rate = −29.4 ± 7.1 mm/yr   Wrms of fit = 26.9 mm   Reduced Chi square = .68
NUVEL model rate = −7.7 mm/yr

Vector baseline plots for GILCREEK–RICHMOND

Baseline length = 6118 kilometers

Number of sessions = 139



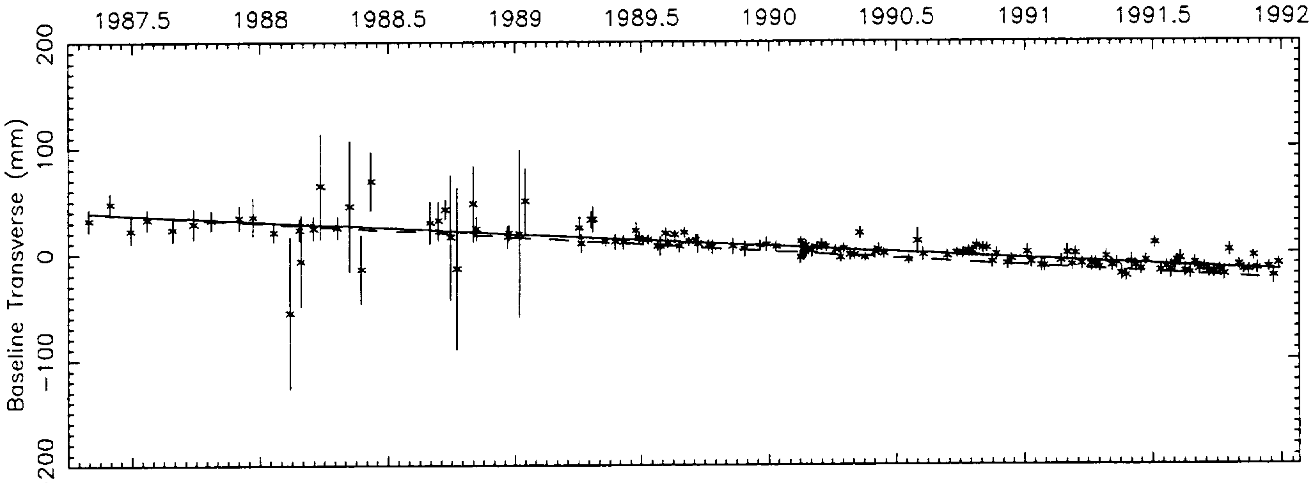
Observed Rate = 1.1 ± 1.2 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 14.5 mm

Weighted mean length = 6117758540.6 mm

Reduced Chi square = 1.59

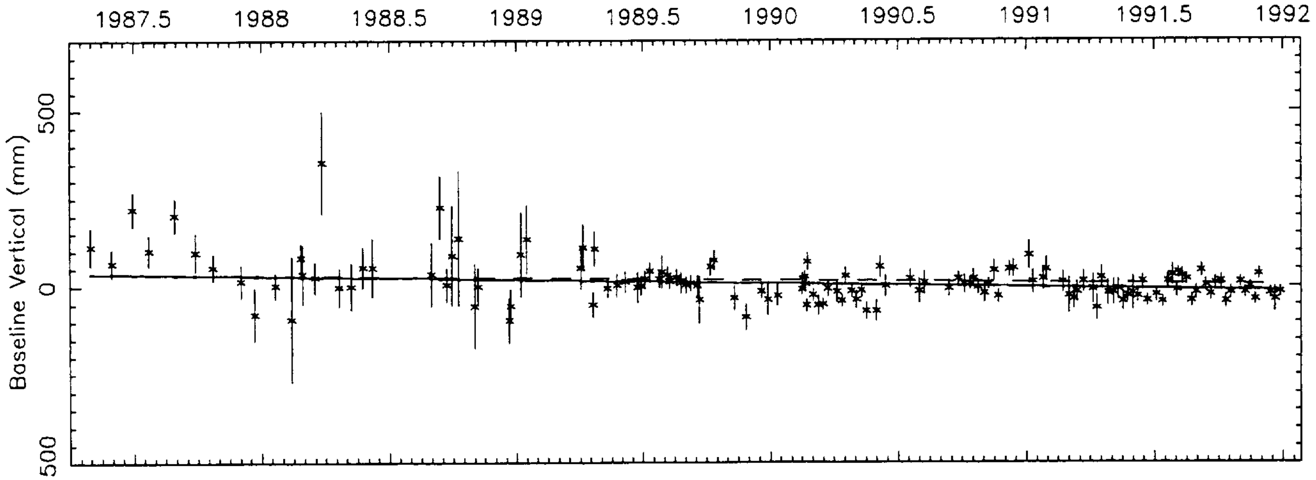


Observed Rate = –11.8 ± .5 mm/yr

NUVEL model rate = –13.7 mm/yr

Wrms of fit = 6.0 mm

Reduced Chi square = 1.04



Observed Rate = –10.6 ± 3.0 mm/yr

NUVEL model rate = –7.0 mm/yr

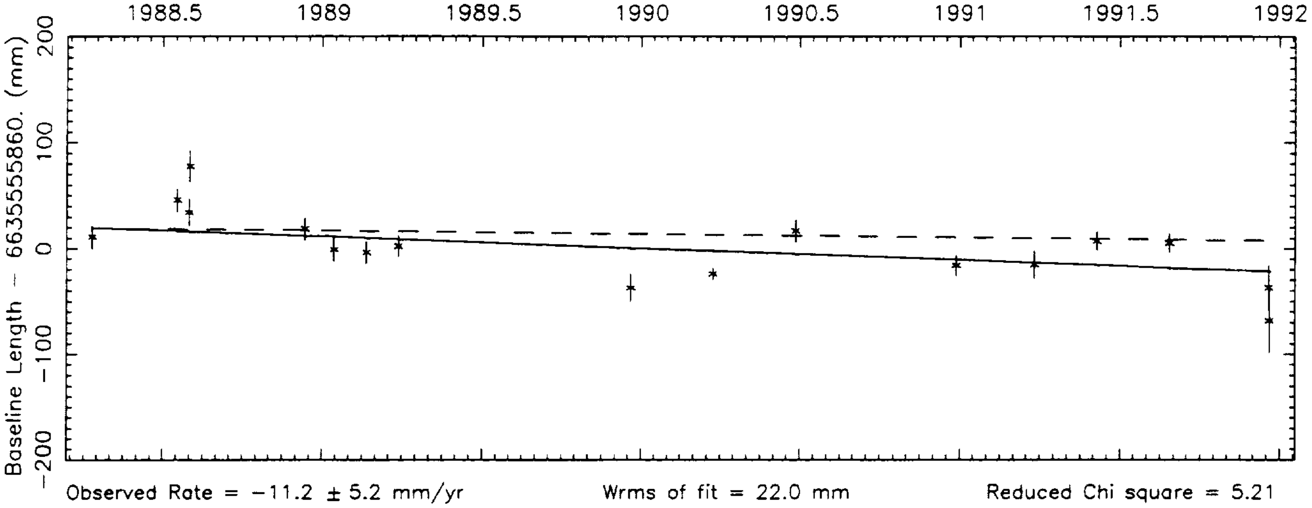
Wrms of fit = 33.8 mm

Reduced Chi square = 2.00

Vector baseline plots for GILCREEK–SESHAN25

Baseline length = 6636 kilometers

Number of sessions = 17



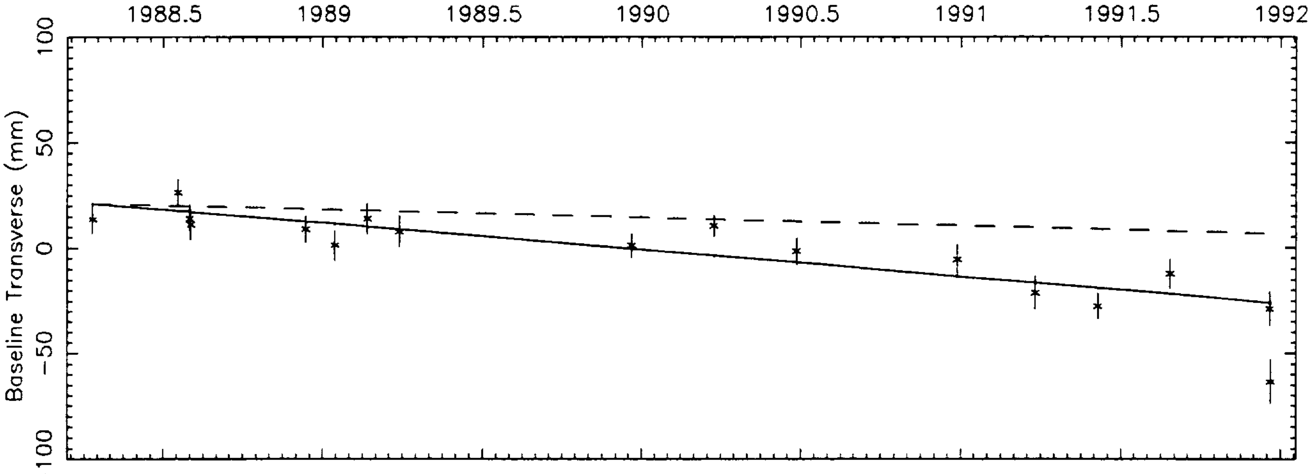
Observed Rate = −11.2 ± 5.2 mm/yr

Wrms of fit = 22.0 mm

Reduced Chi square = 5.21

NUVEL model rate = −3.2 mm/yr

Weighted mean length = 6635555859.9 mm

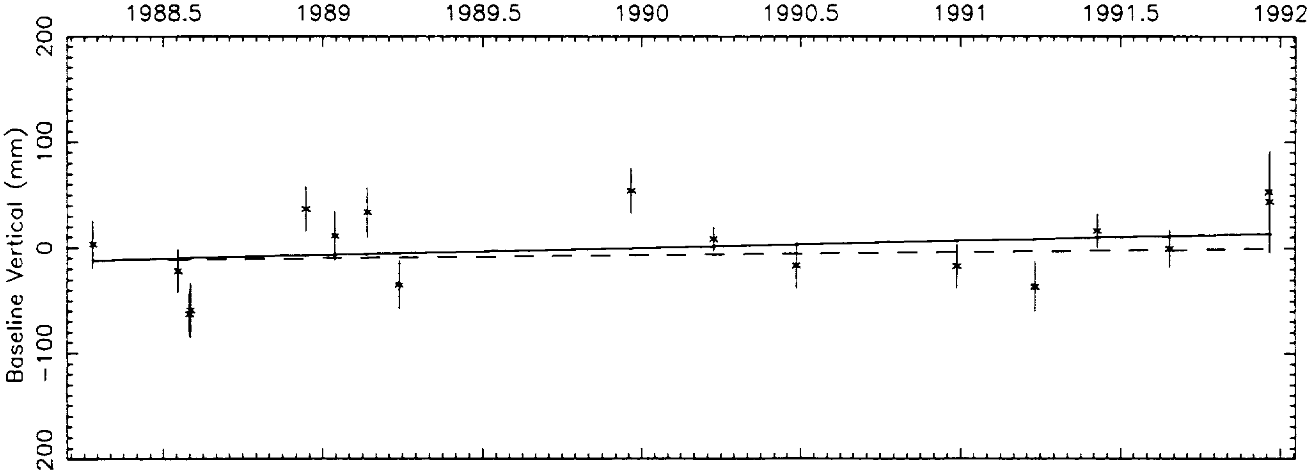


Observed Rate = −12.7 ± 2.1 mm/yr

Wrms of fit = 9.6 mm

Reduced Chi square = 2.28

NUVEL model rate = −3.9 mm/yr



Observed Rate = 6.9 ± 6.7 mm/yr

Wrms of fit = 29.3 mm

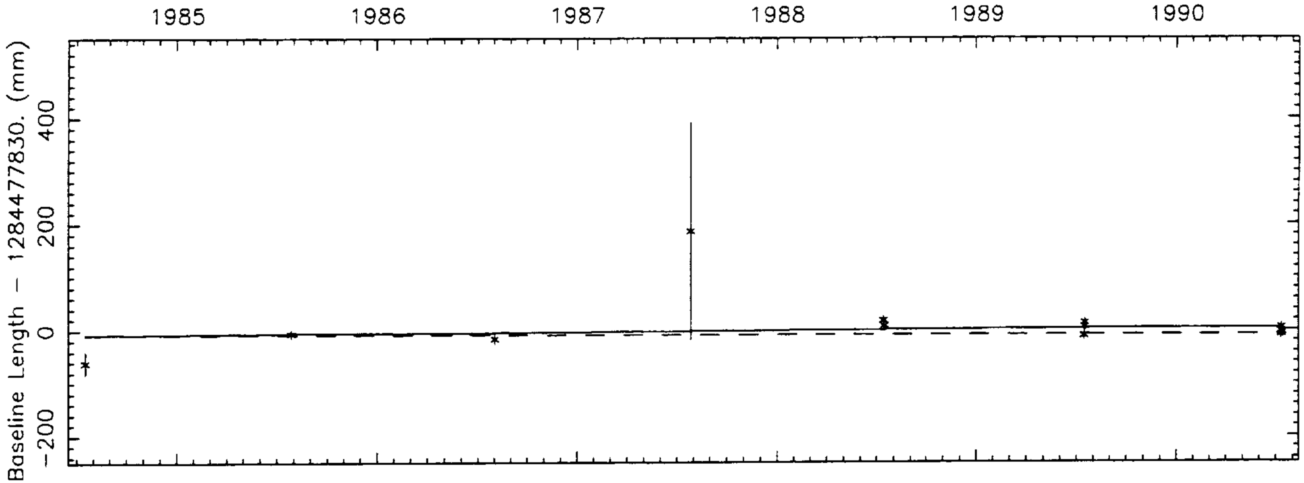
Reduced Chi square = 2.32

NUVEL model rate = 3.1 mm/yr

Vector baseline plots for GILCREEK–SNDPOINT

Baseline length = 1284 kilometers

Number of sessions = 13



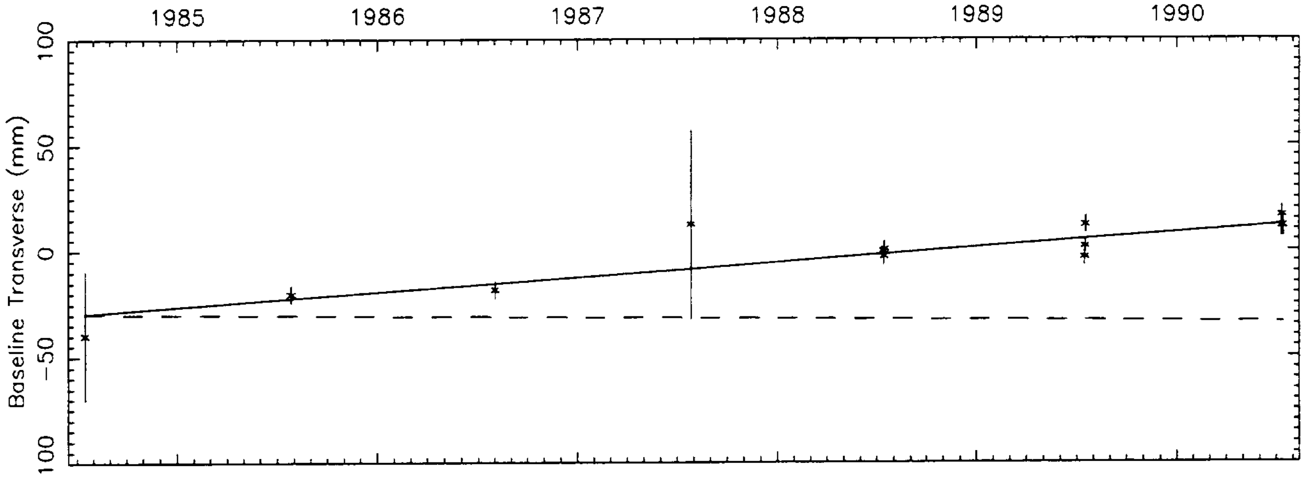
Observed Rate = 2.2 ± 2.4 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 12.0 mm

Weighted mean length = 1284477830.8 mm

Reduced Chi square = 3.22

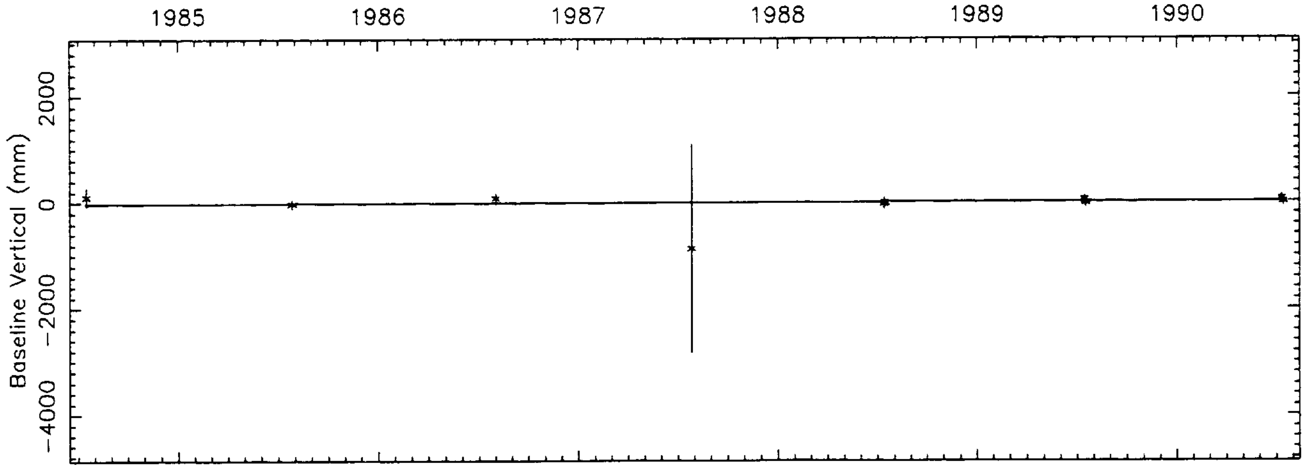


Observed Rate = 7.0 ± .8 mm/yr

NUVEL model rate = −.7 mm/yr

Wrms of fit = 4.1 mm

Reduced Chi square = 1.01



Observed Rate = 6.2 ± 8.1 mm/yr

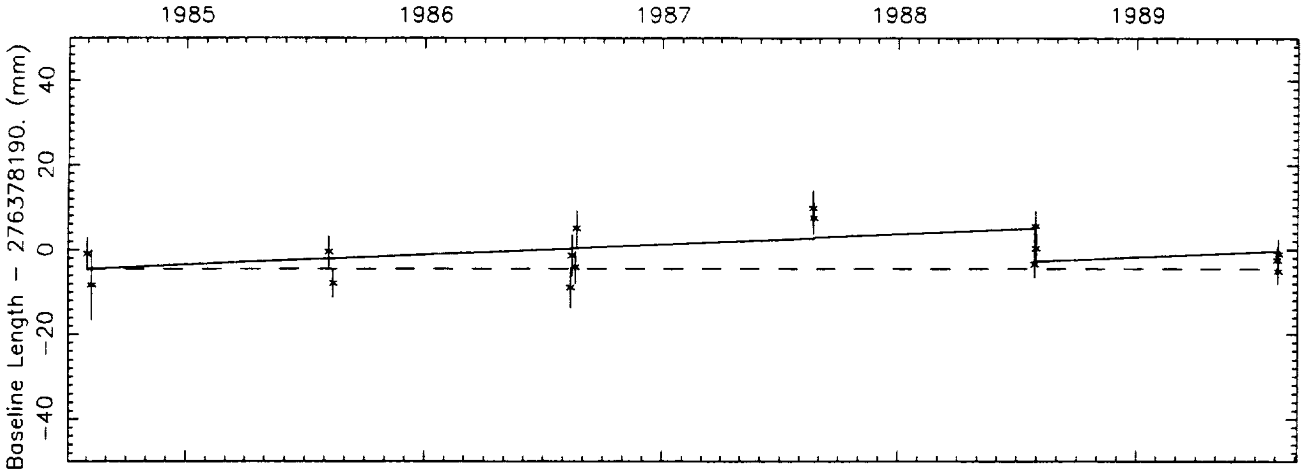
NUVEL model rate = 4.7 mm/yr

Wrms of fit = 35.2 mm

Reduced Chi square = 1.07

Vector baseline plots for GILCREEK–SOURDOGH

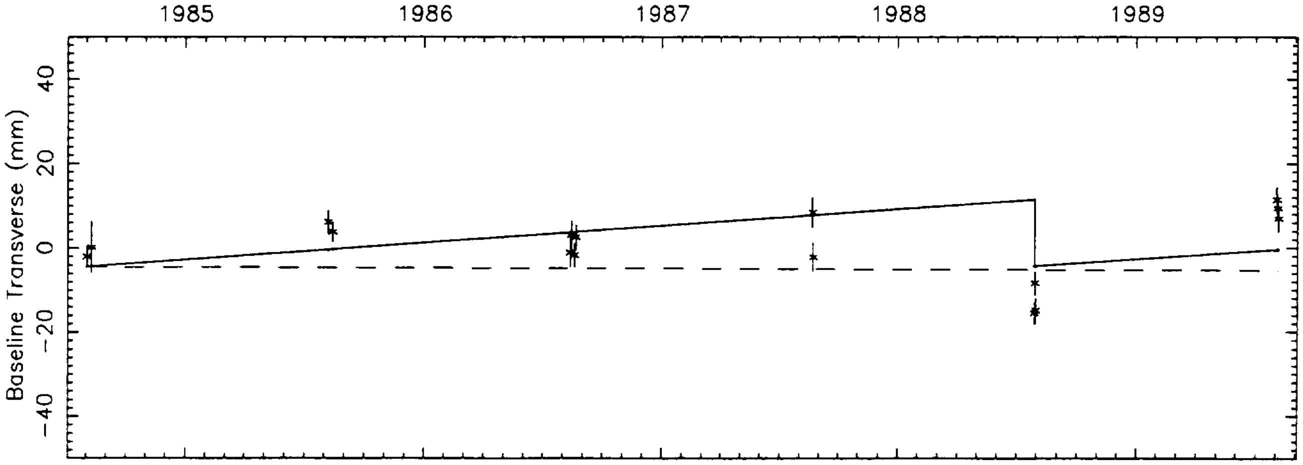
Baseline length = 276 kilometers Number of sessions = 16



Observed Rate = 2.4 ± 1.6 mm/yr
NUVEL model rate = .0 mm/yr

Wrms of fit = 4.6 mm
Weighted mean length = 276378188.9 mm
Offset = –7.8 ± 5.3 mm

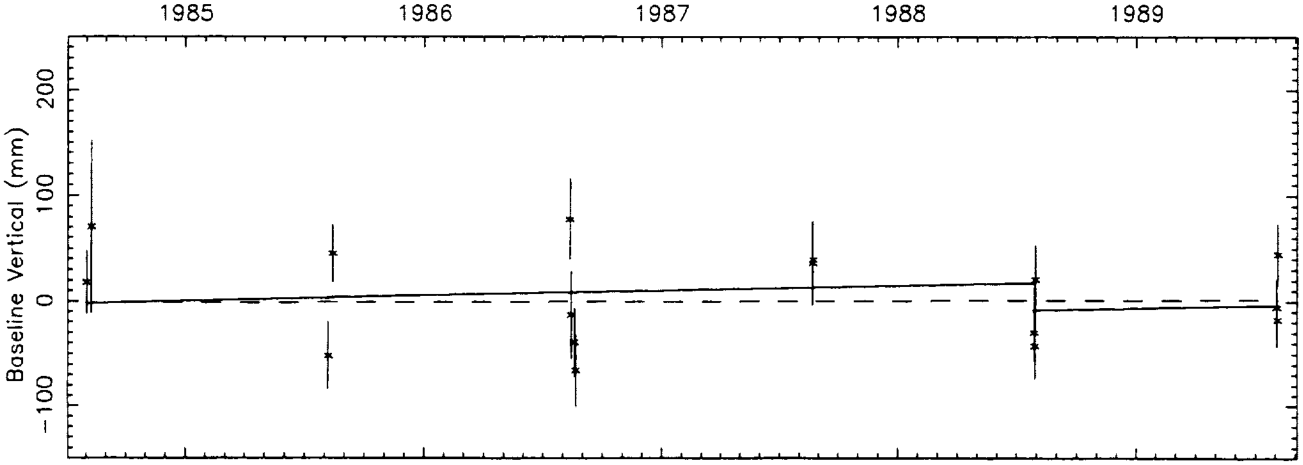
Reduced Chi square = 1.85



Observed Rate = 4.0 ± 2.4 mm/yr
NUVEL model rate = –.2 mm/yr

Wrms of fit = 7.1 mm
Offset = –15.8 ± 8.1 mm

Reduced Chi square = 6.88



Observed Rate = 4.9 ± 13.8 mm/yr
NUVEL model rate = .7 mm/yr

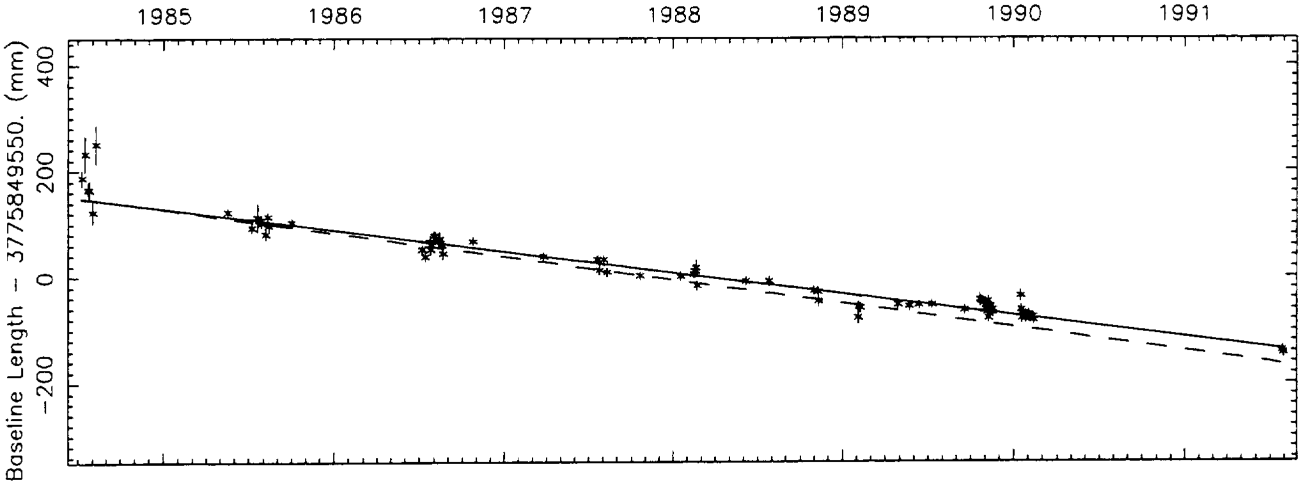
Wrms of fit = 38.8 mm
Offset = –26.5 ± 46.1 mm

Reduced Chi square = 1.81

Vector baseline plots for GILCREEK–VNDNBERG

Baseline length = 3776 kilometers

Number of sessions = 80



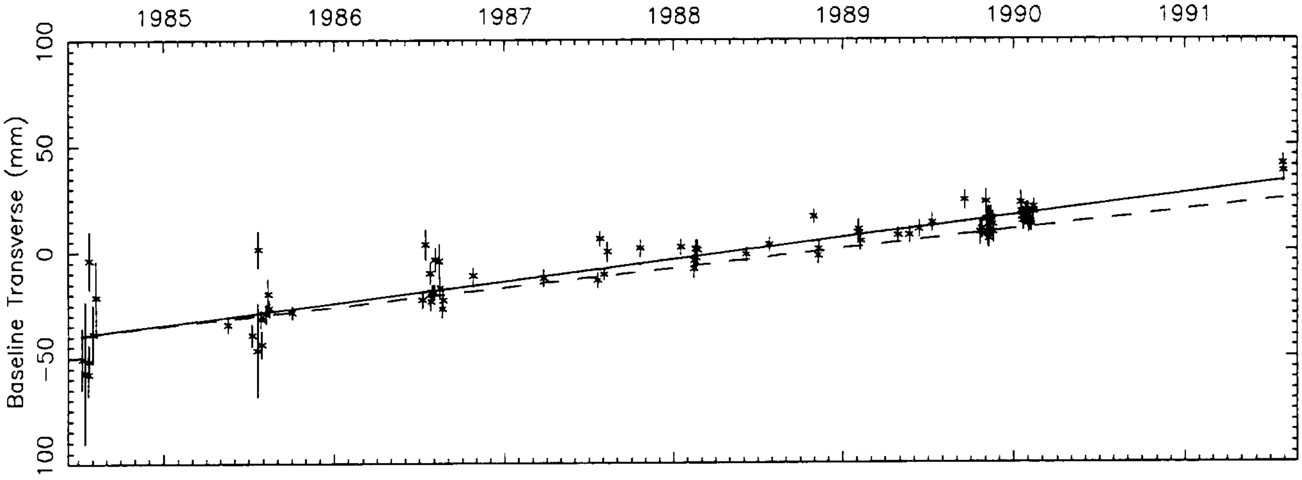
Observed Rate = −40.6 ± .8 mm/yr

NUVEL model rate = −44.5 mm/yr

Wrms of fit = 11.4 mm

Weighted mean length = 3775849548.0 mm

Reduced Chi square = 2.61

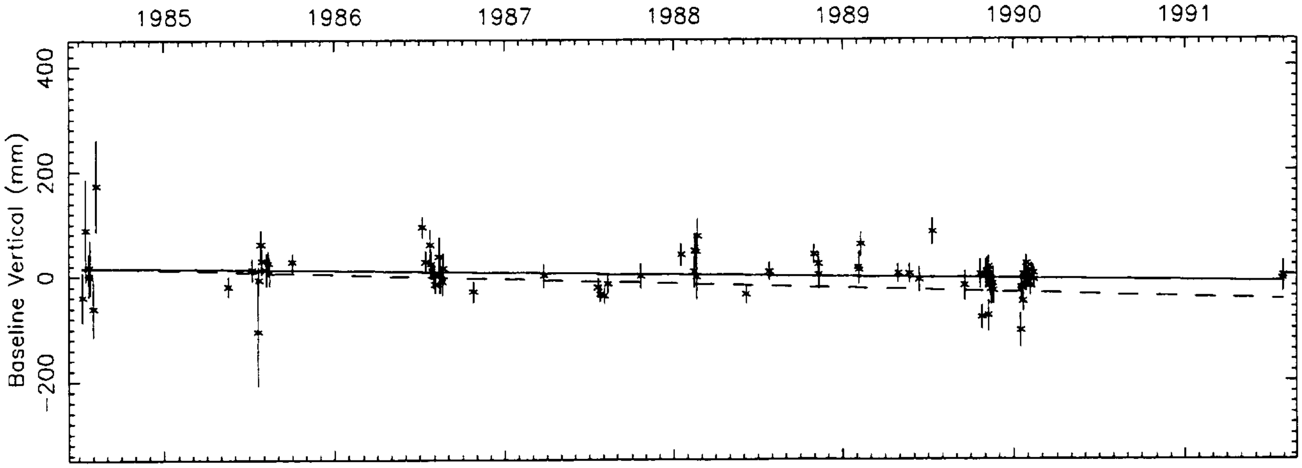


Observed Rate = 10.2 ± .4 mm/yr

NUVEL model rate = 9.0 mm/yr

Wrms of fit = 6.2 mm

Reduced Chi square = 1.95



Observed Rate = −4.0 ± 2.0 mm/yr

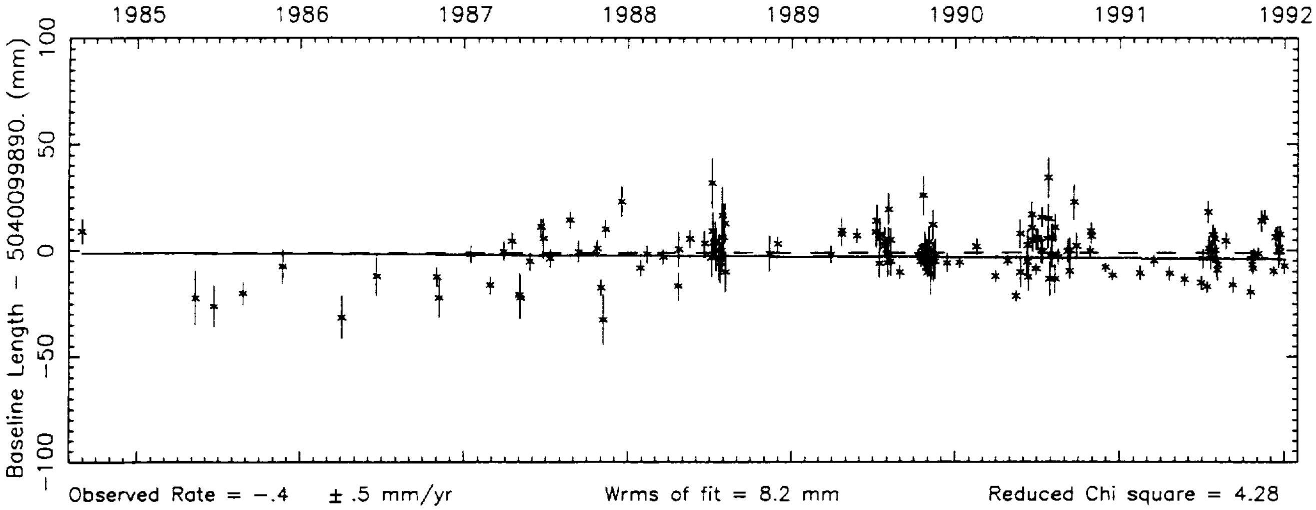
NUVEL model rate = −8.8 mm/yr

Wrms of fit = 30.5 mm

Reduced Chi square = 1.93

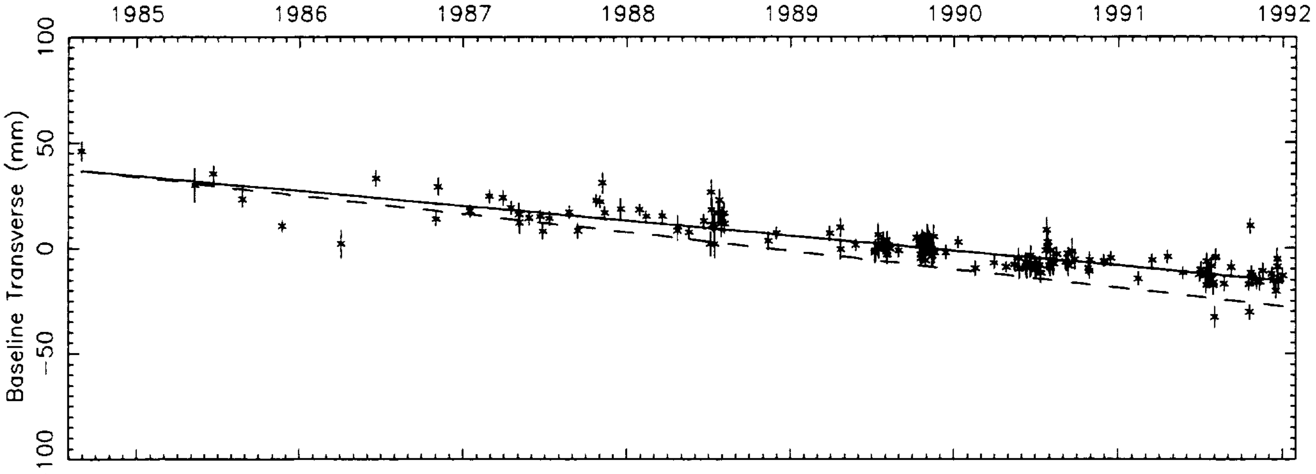
Vector baseline plots for GILCREEK–WESTFORD

Baseline length = 5040 kilometers   Number of sessions = 166



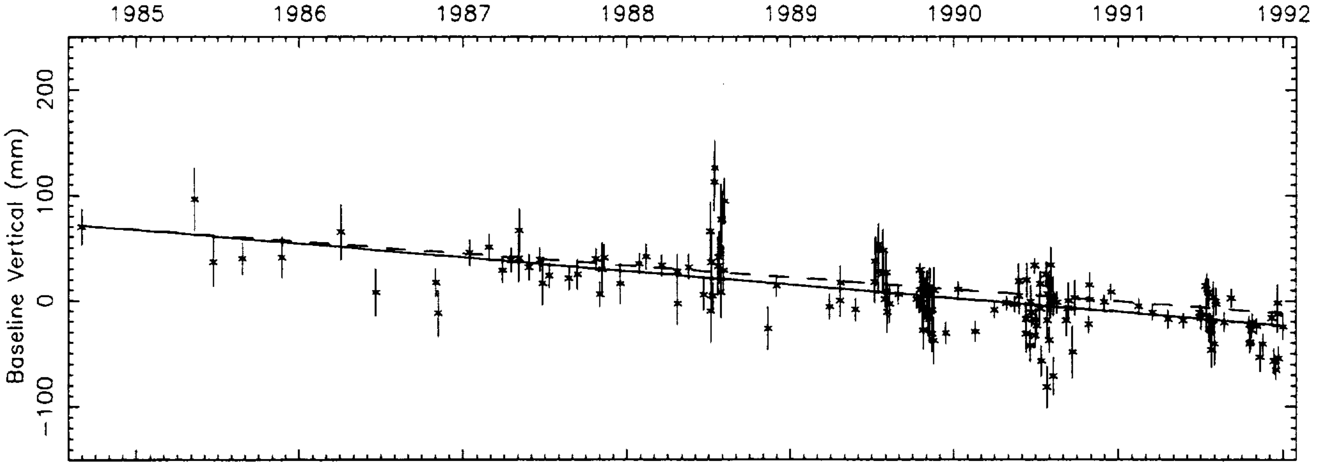
Observed Rate = −.4 ± .5 mm/yr   Wrms of fit = 8.2 mm   Reduced Chi square = 4.28

NUVEL model rate = .0 mm/yr   Weighted mean length = 5040099886.6 mm



Observed Rate = −7.1 ± .3 mm/yr   Wrms of fit = 5.5 mm   Reduced Chi square = 2.24

NUVEL model rate = −8.8 mm/yr



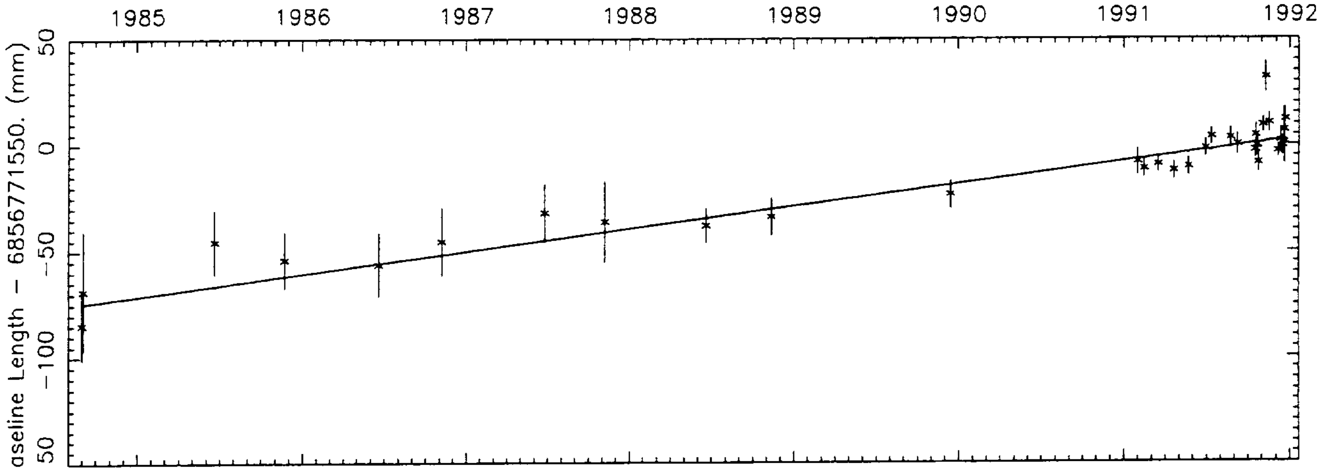
Observed Rate = −12.9 ± 1.1 mm/yr   Wrms of fit = 18.0 mm   Reduced Chi square = 2.70

NUVEL model rate = −11.3 mm/yr

Vector baseline plots for GILCREEK–WETTZELL

Baseline length = 6857 kilometers

Number of sessions = 34



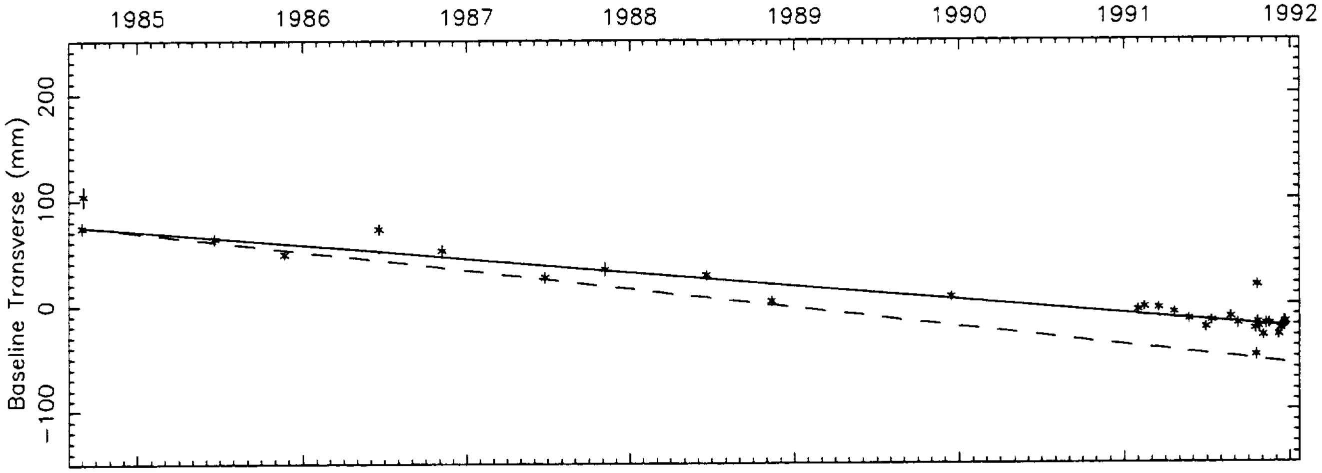
Observed Rate = 10.6 ± 1.2 mm/yr

NUVEL model rate = 10.6 mm/yr

Wrms of fit = 6.7 mm

Weighted mean length = 6856771546.5 mm

Reduced Chi square = 1.73

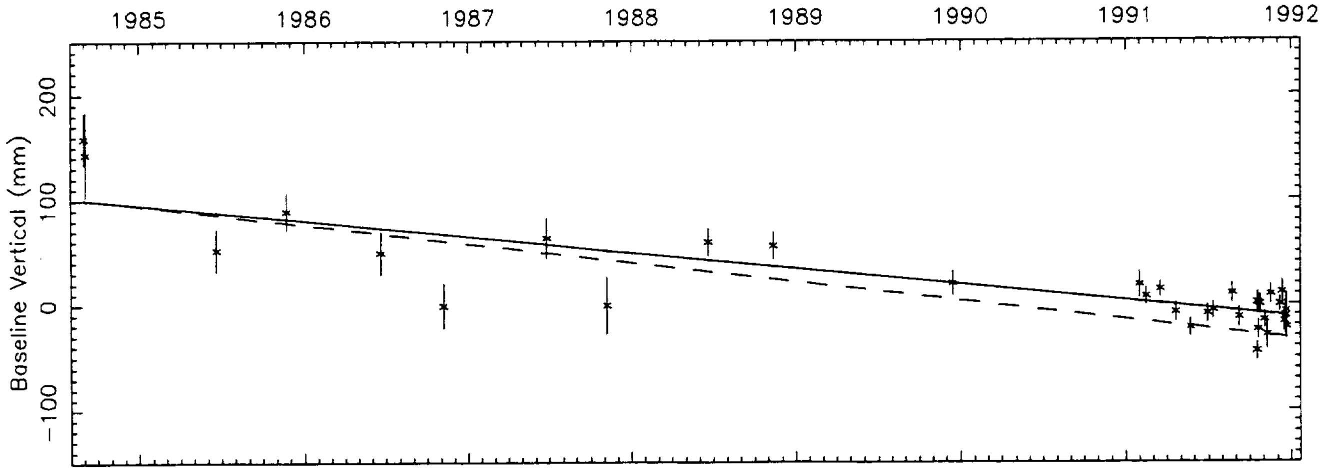


Observed Rate = −13.2 ± .8 mm/yr

NUVEL model rate = −17.9 mm/yr

Wrms of fit = 10.7 mm

Reduced Chi square = 5.25



Observed Rate = −15.3 ± 2.1 mm/yr

NUVEL model rate = −18.1 mm/yr

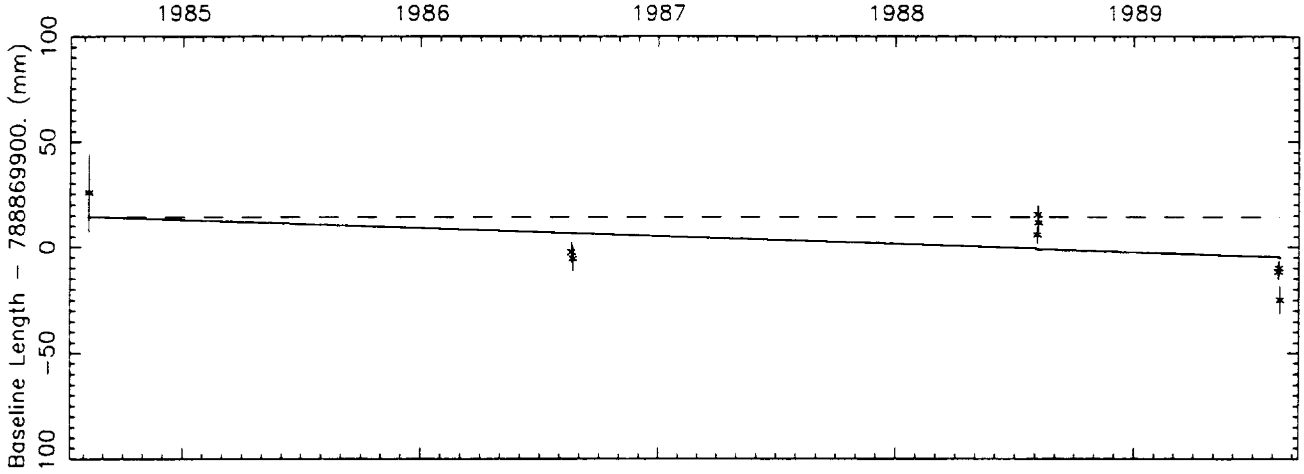
Wrms of fit = 16.5 mm

Reduced Chi square = 2.68

Vector baseline plots for GILCREEK–WHTHORSE

Baseline length = 789 kilometers

Number of sessions = 9



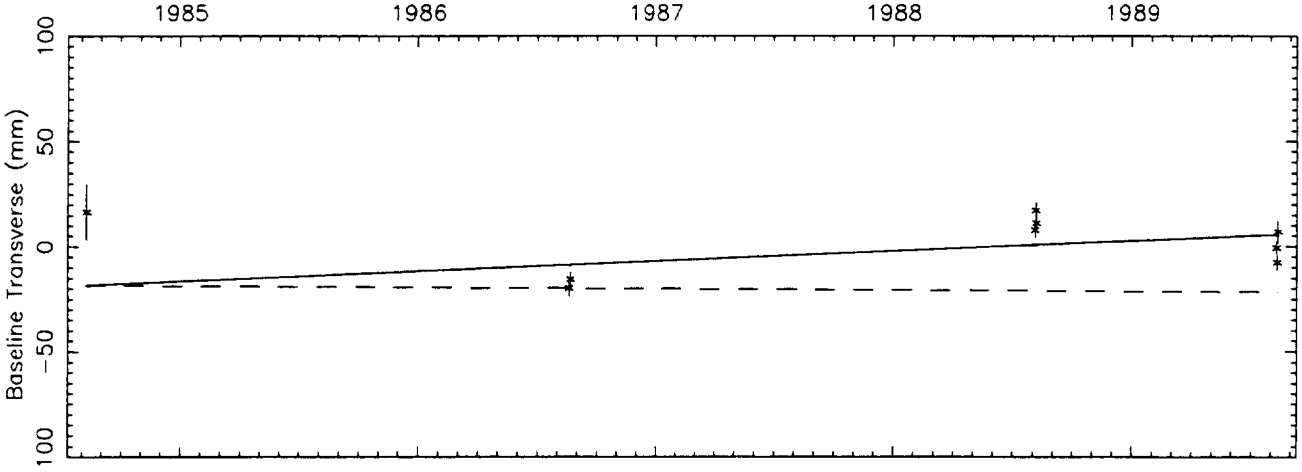
Observed Rate = −3.8 ± 3.8 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 10.9 mm

Weighted mean length = 788869898.8 mm

Reduced Chi square = 7.15

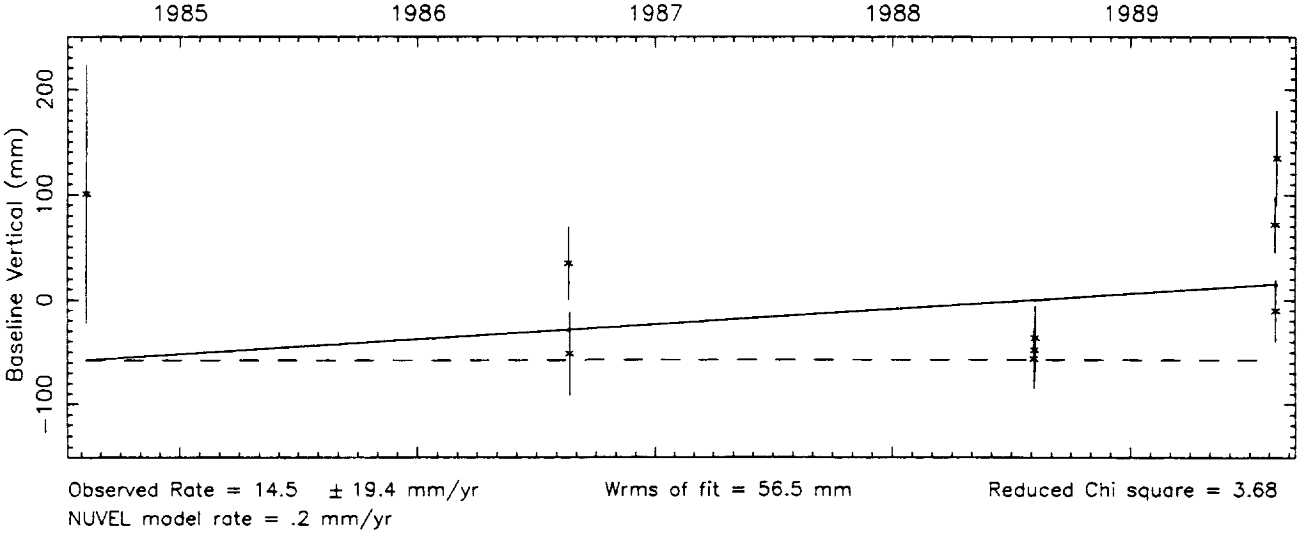


Observed Rate = 4.8 ± 3.4 mm/yr

NUVEL model rate = −.7 mm/yr

Wrms of fit = 10.7 mm

Reduced Chi square = 10.24



Observed Rate = 14.5 ± 19.4 mm/yr

NUVEL model rate = .2 mm/yr

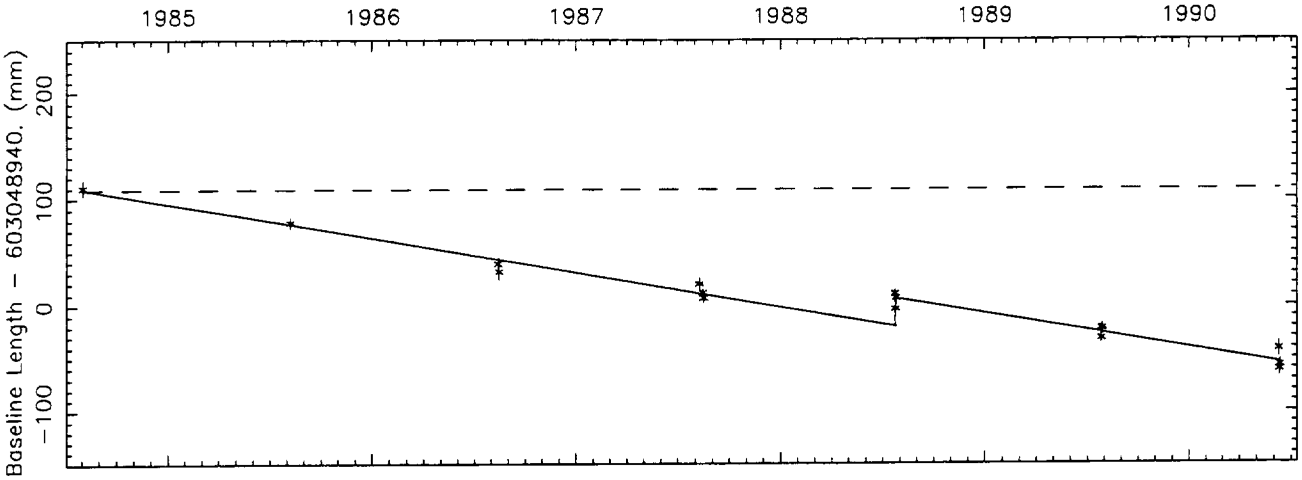
Wrms of fit = 56.5 mm

Reduced Chi square = 3.68

Vector baseline plots for GILCREEK–YAKATAGA

Baseline length = 603 kilometers

Number of sessions = 16



Observed Rate = –32.5 ± 1.8 mm/yr

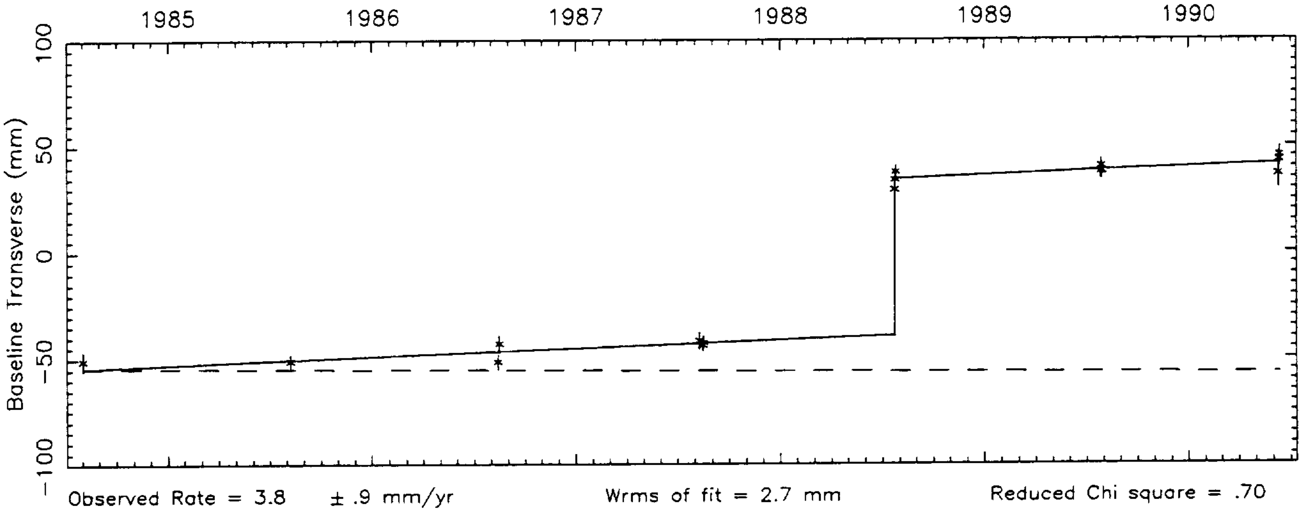
NUVEL model rate = .0 mm/yr

Wrms of fit = 5.3 mm

Weighted mean length = 603048938.6 mm

Offset = 26.4 ± 5.6 mm

Reduced Chi square = 1.45



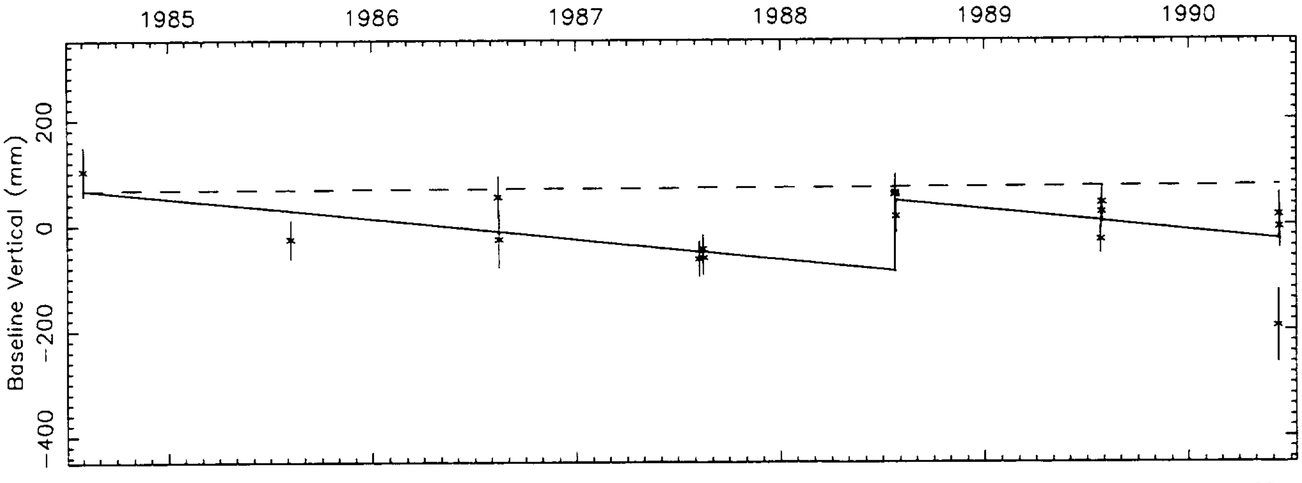
Observed Rate = 3.8 ± .9 mm/yr

NUVEL model rate = –.5 mm/yr

Wrms of fit = 2.7 mm

Offset = 73.4 ± 2.7 mm

Reduced Chi square = .70



Observed Rate = –38.9 ± 12.2 mm/yr

NUVEL model rate = 1.3 mm/yr

Wrms of fit = 36.6 mm

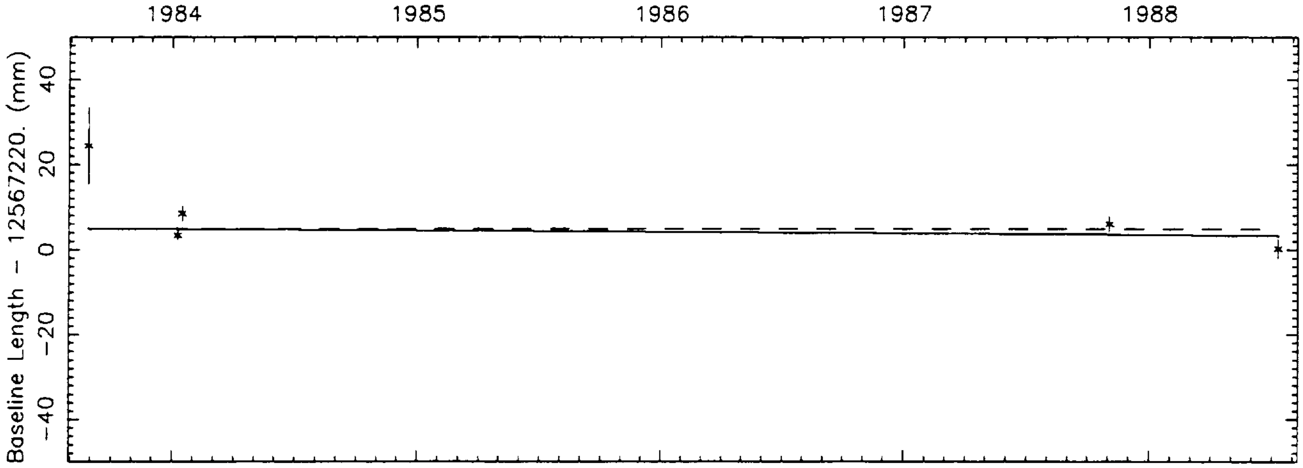
Offset = 133.7 ± 36.3 mm

Reduced Chi square = 1.37

Vector baseline plots for GOLDVENU–MOJAVE12

Baseline length = 13 kilometers

Number of sessions = 5



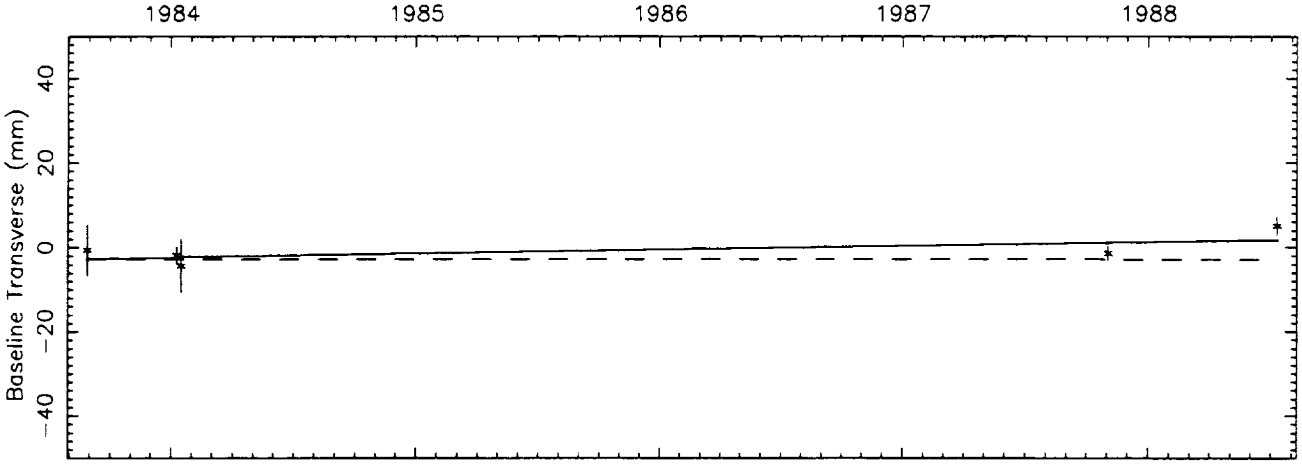
Observed Rate = –.3 ± .9 mm/yr

Wrms of fit = 2.8 mm

Reduced Chi square = 4.94

NUVEL model rate = .0 mm/yr

Weighted mean length = 12567224.4 mm

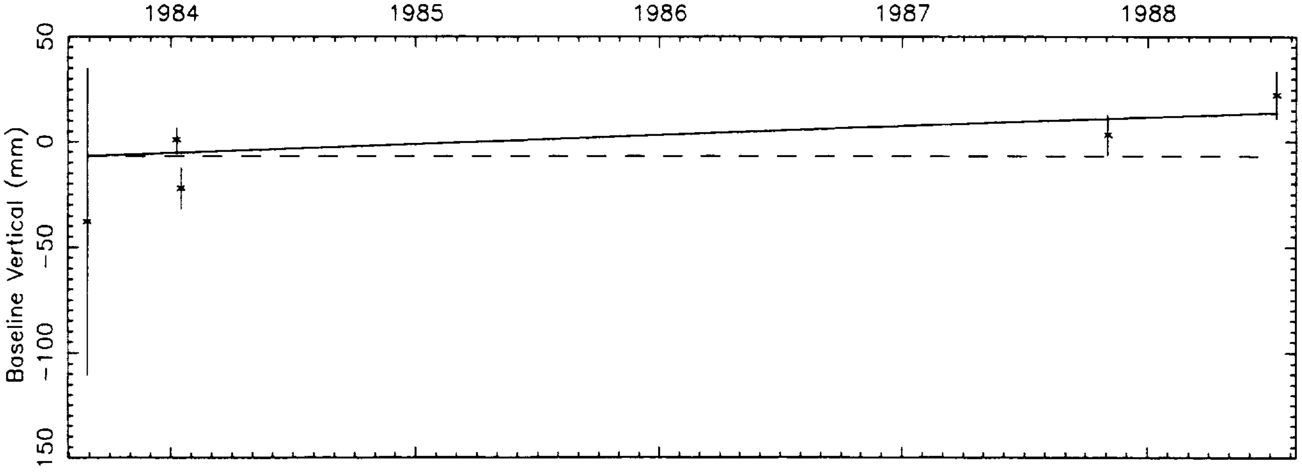


Observed Rate = .9 ± .7 mm/yr

Wrms of fit = 2.4 mm

Reduced Chi square = 1.66

NUVEL model rate = .0 mm/yr



Observed Rate = 4.3 ± 2.9 mm/yr

Wrms of fit = 9.7 mm

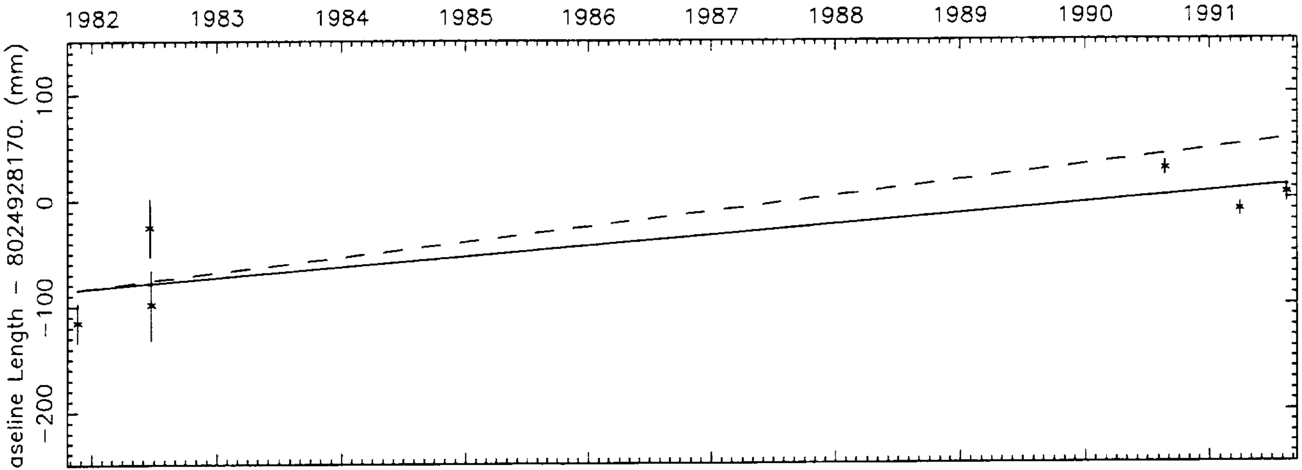
Reduced Chi square = 1.82

NUVEL model rate = .0 mm/yr

Vector baseline plots for GOLDVENU-ONSALA60

Baseline length = 8025 kilometers

Number of sessions = 6



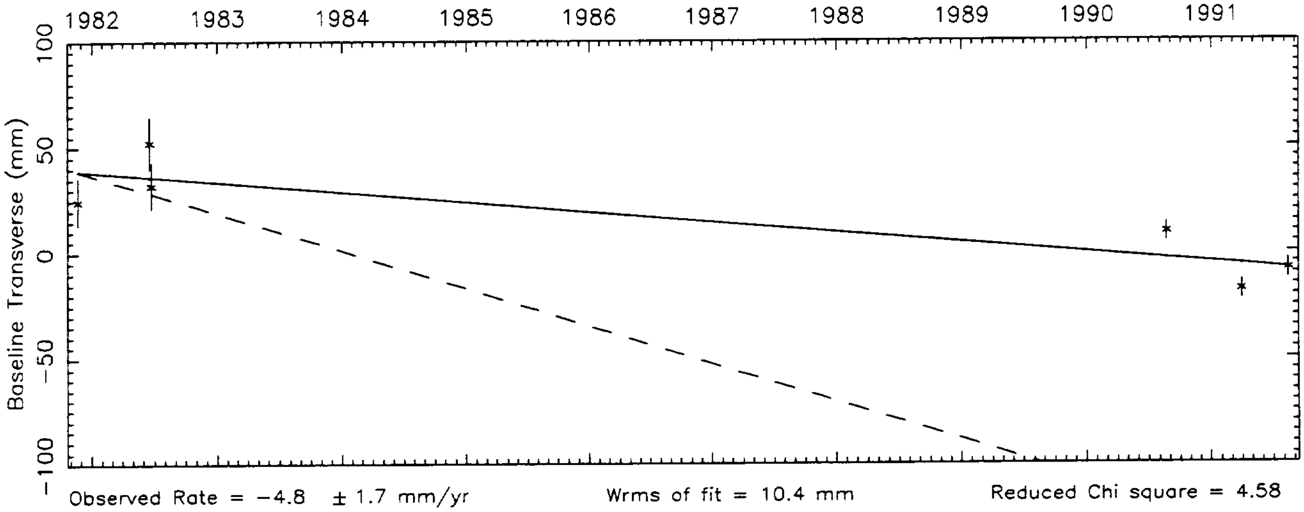
Observed Rate = 10.0 ± 4.4 mm/yr

NUVEL model rate = 14.4 mm/yr

Wrms of fit = 22.1 mm

Weighted mean length = 8024928169.7 mm

Reduced Chi square = 7.28

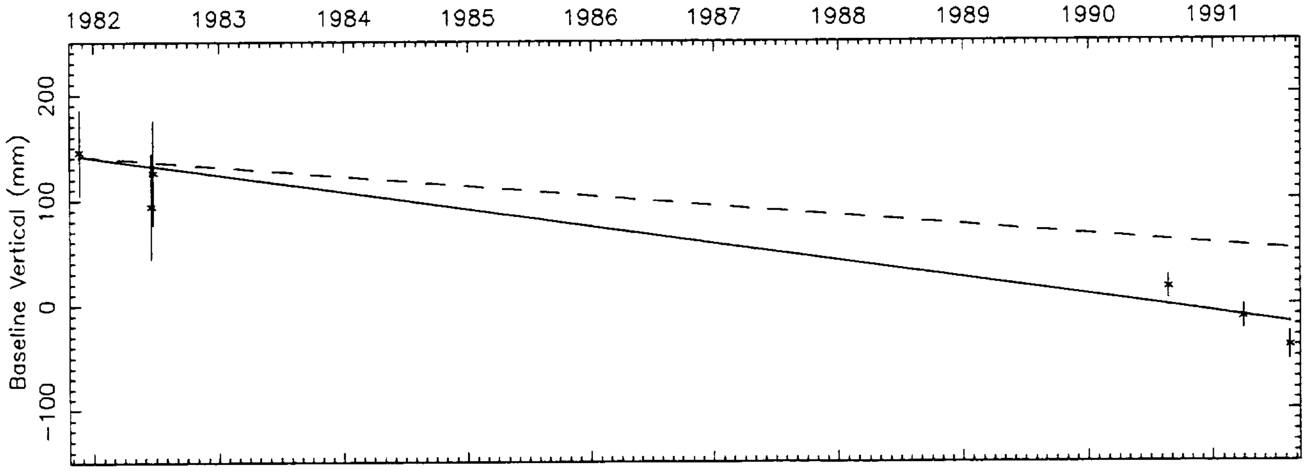


Observed Rate = -4.8 ± 1.7 mm/yr

NUVEL model rate = -17.9 mm/yr

Wrms of fit = 10.4 mm

Reduced Chi square = 4.58



Observed Rate = -16.3 ± 3.7 mm/yr

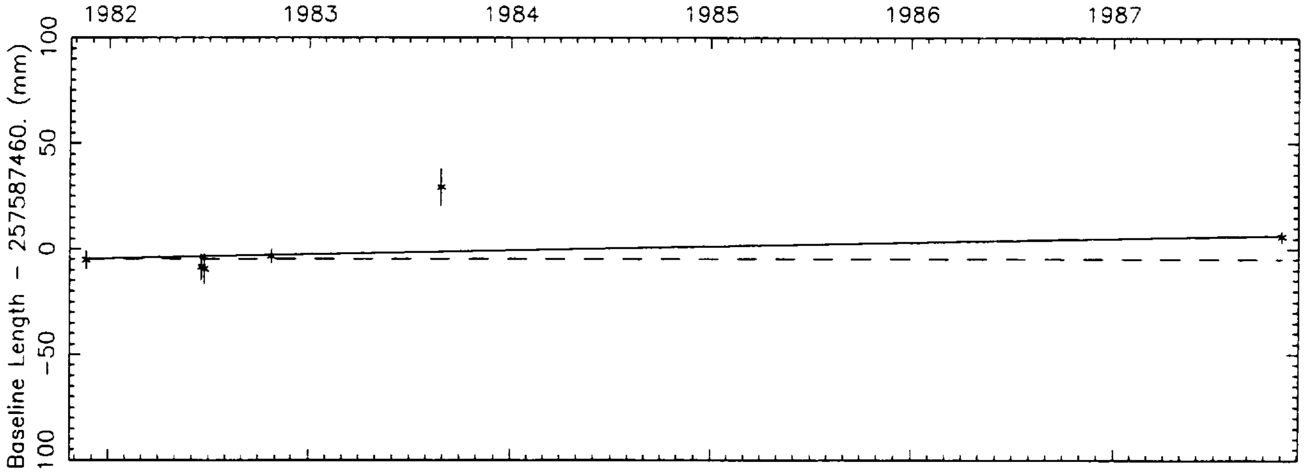
NUVEL model rate = -9.2 mm/yr

Wrms of fit = 16.1 mm

Reduced Chi square = 1.45

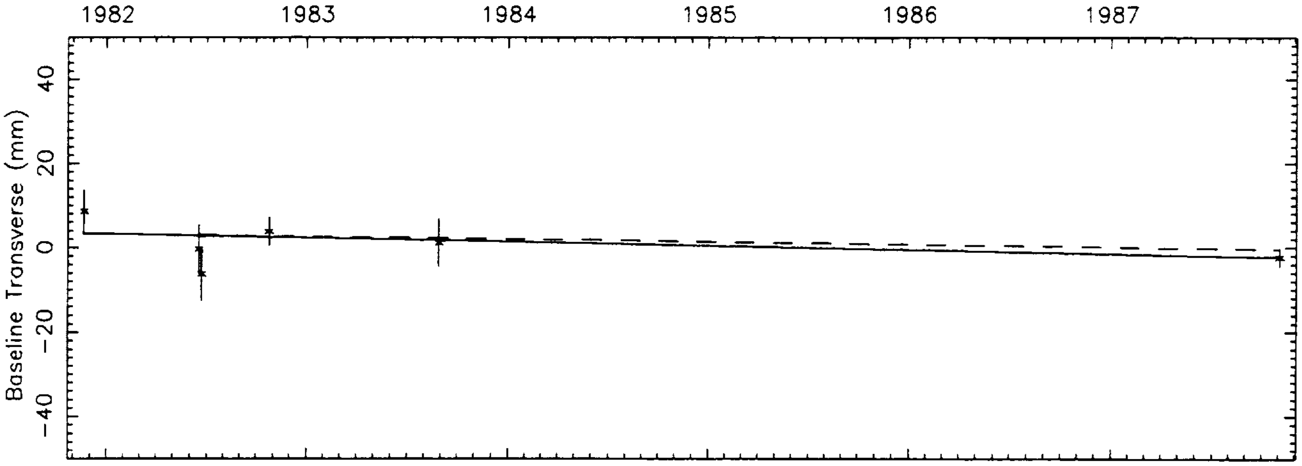
Vector baseline plots for GOLDVENU−OVRO 130

Baseline length = 258 kilometers Number of sessions = 6



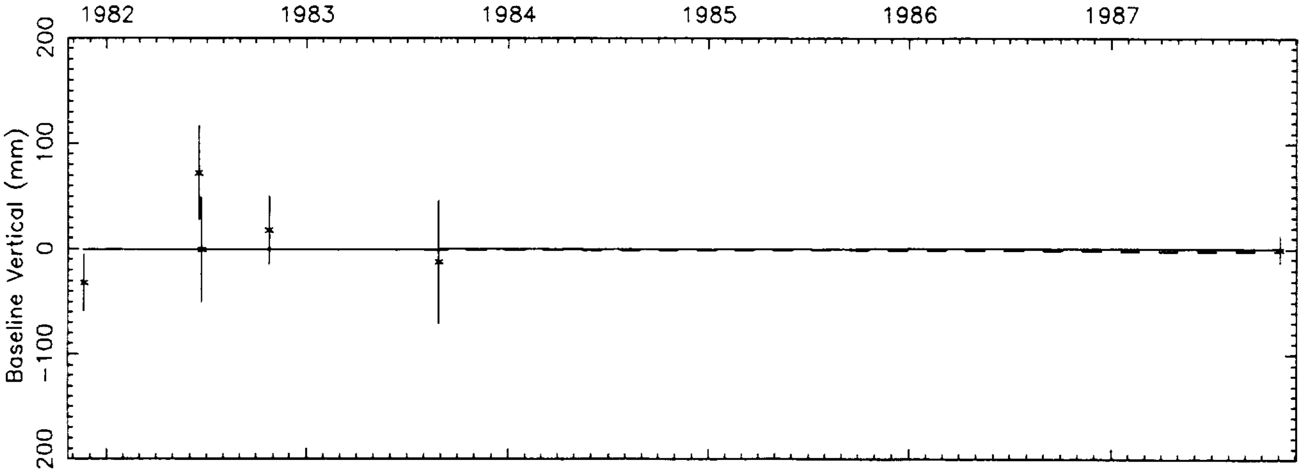
Observed Rate = 1.9 ± 1.2 mm/yr Wrms of fit = 6.4 mm Reduced Chi square = 3.44

NUVEL model rate = .0 mm/yr Weighted mean length = 257587460.7 mm



Observed Rate = −1.0 ± .5 mm/yr Wrms of fit = 2.9 mm Reduced Chi square = .89

NUVEL model rate = −.6 mm/yr



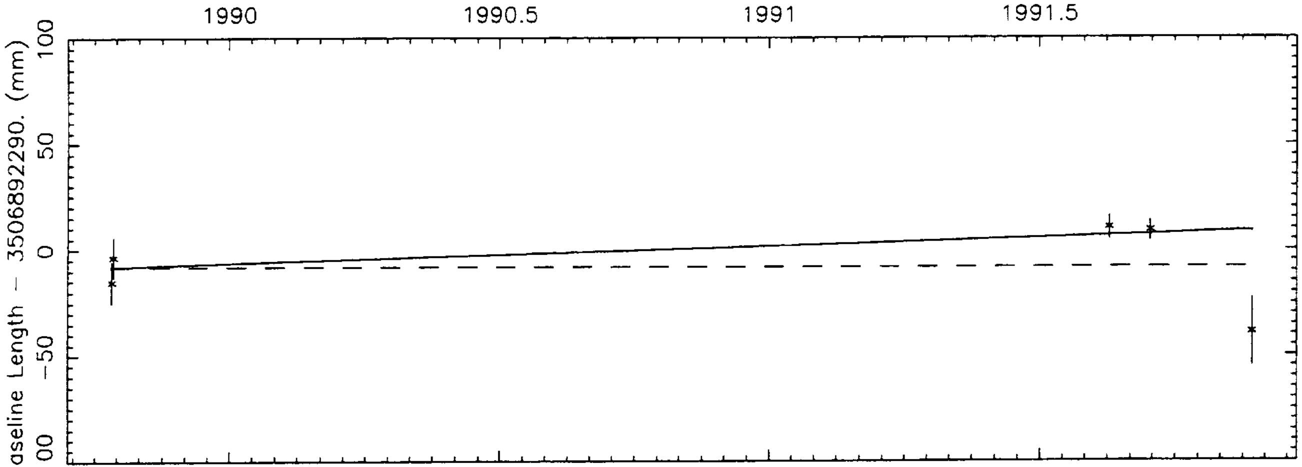
Observed Rate = .2 ± 4.1 mm/yr Wrms of fit = 21.7 mm Reduced Chi square = 1.10

NUVEL model rate = −.2 mm/yr

Vector baseline plots for GORF7102–MOJAVE12

Baseline length = 3507 kilometers

Number of sessions = 5



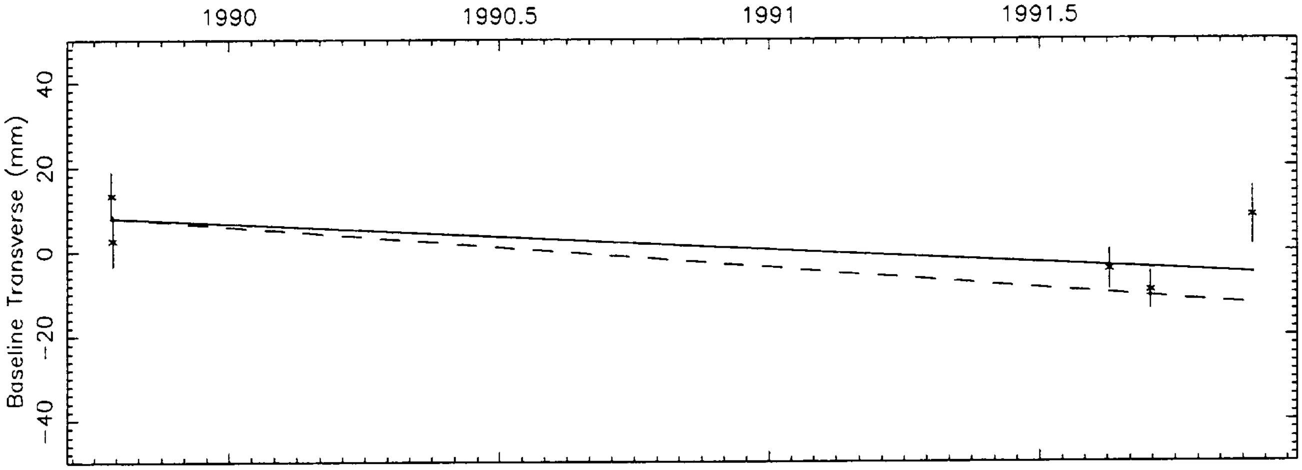
Observed Rate = 7.9 ± 7.5 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 10.0 mm

Weighted mean length = 3506892293.8 mm

Reduced Chi square = 3.41

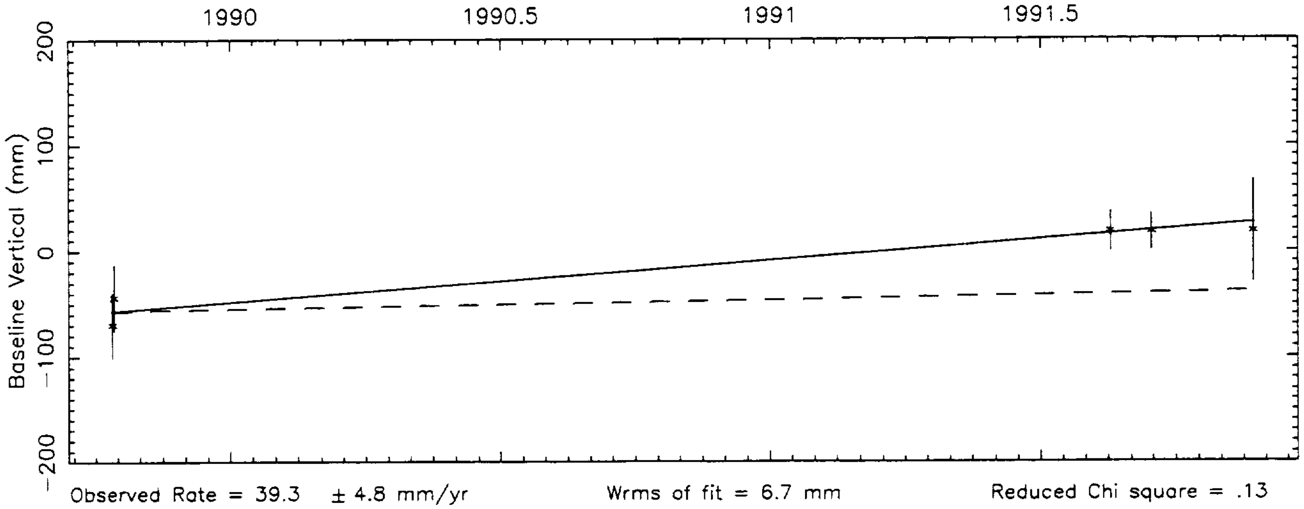


Observed Rate = –6.2 ± 4.0 mm/yr

NUVEL model rate = –9.8 mm/yr

Wrms of fit = 6.4 mm

Reduced Chi square = 2.37



Observed Rate = 39.3 ± 4.8 mm/yr

NUVEL model rate = 8.8 mm/yr

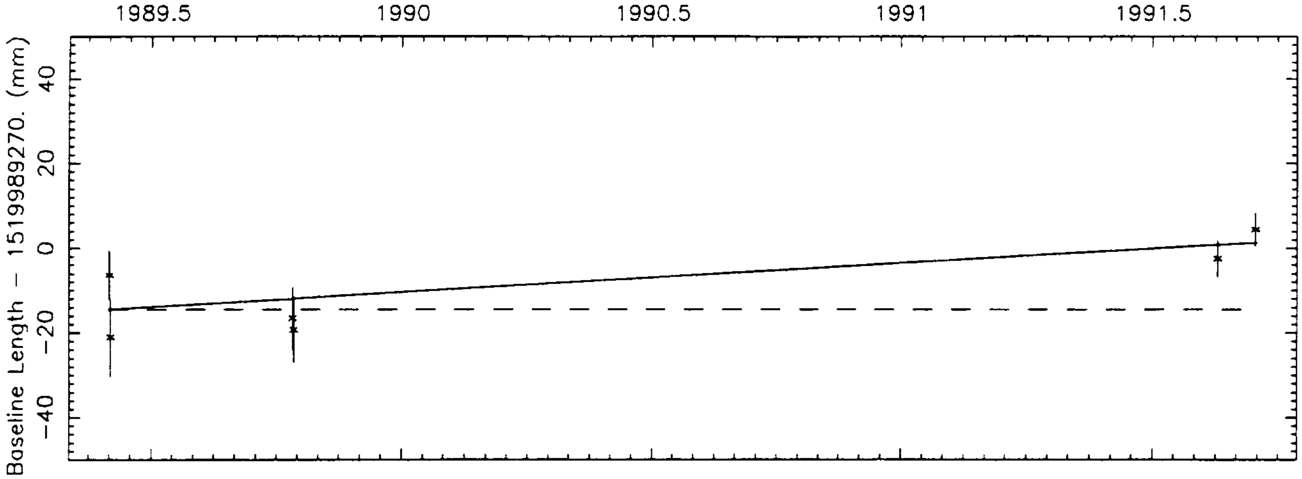
Wrms of fit = 6.7 mm

Reduced Chi square = .13

Vector baseline plots for GORF7102–RICHMOND

Baseline length = 1520 kilometers

Number of sessions = 6



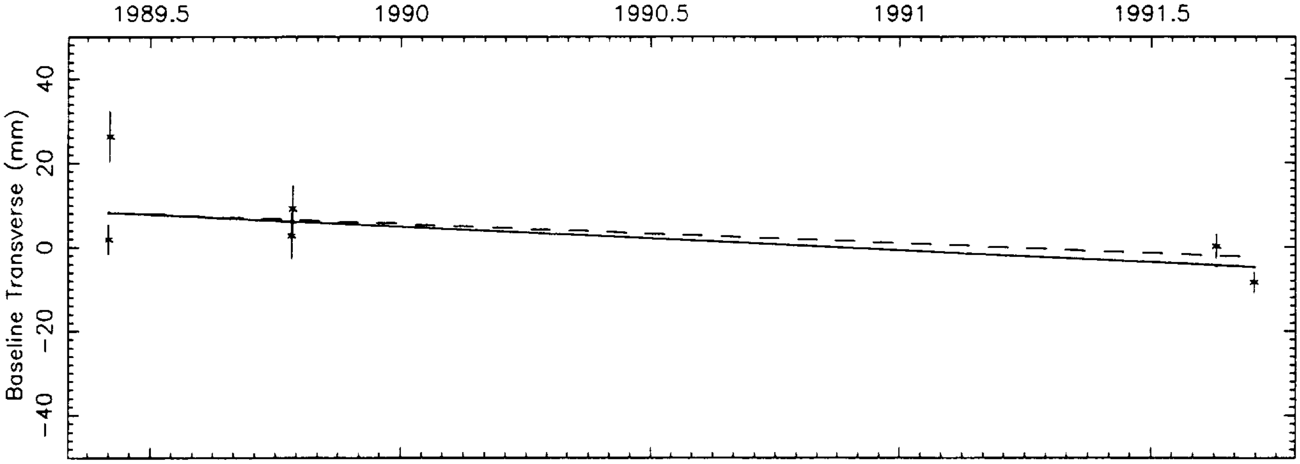
Observed Rate = 6.9 ± 2.5 mm/yr

Wrms of fit = 5.1 mm

Reduced Chi square = 1.28

NUVEL model rate = .0 mm/yr

Weighted mean length = 1519989265.2 mm

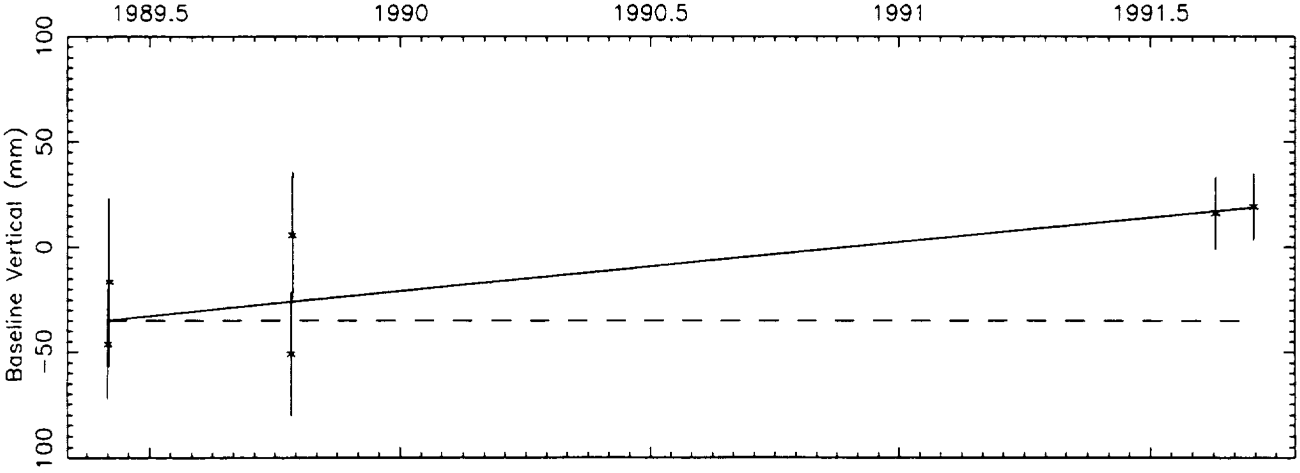


Observed Rate = –5.7 ± 3.0 mm/yr

Wrms of fit = 6.2 mm

Reduced Chi square = 4.31

NUVEL model rate = –4.7 mm/yr



Observed Rate = 23.4 ± 6.9 mm/yr

Wrms of fit = 13.8 mm

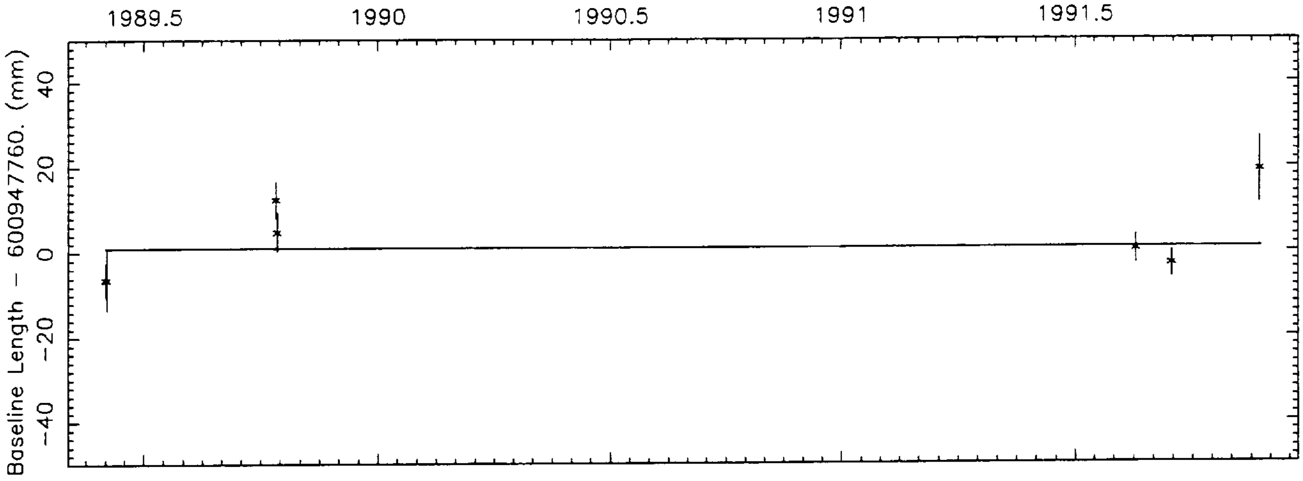
Reduced Chi square = .55

NUVEL model rate = .0 mm/yr

Vector baseline plots for GORF7102–WESTFORD

Baseline length =   601 kilometers

Number of sessions = 7



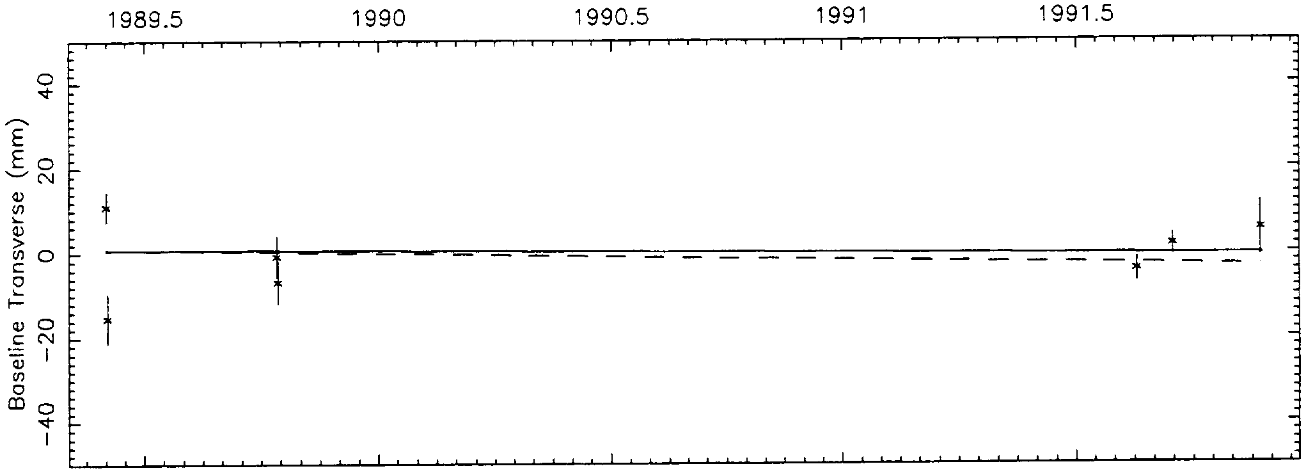
Observed Rate = .0   ± 3.0 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 6.9 mm

Weighted mean length = 600947760.9 mm

Reduced Chi square = 3.74

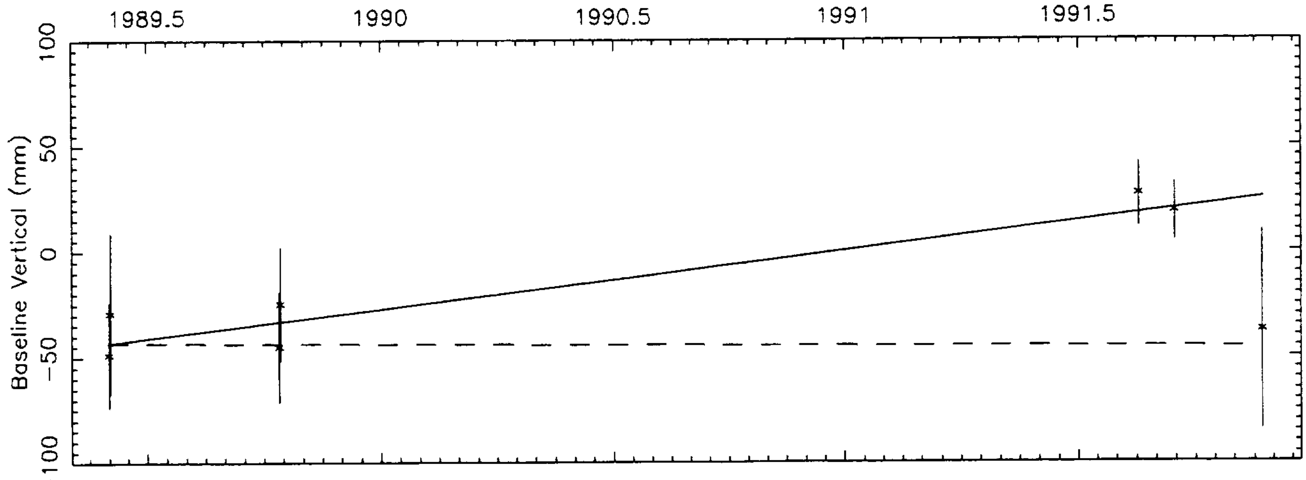


Observed Rate = –.6   ± 2.9 mm/yr

NUVEL model rate = –1.6 mm/yr

Wrms of fit = 6.6 mm

Reduced Chi square = 4.33



Observed Rate = 27.6   ± 6.0 mm/yr

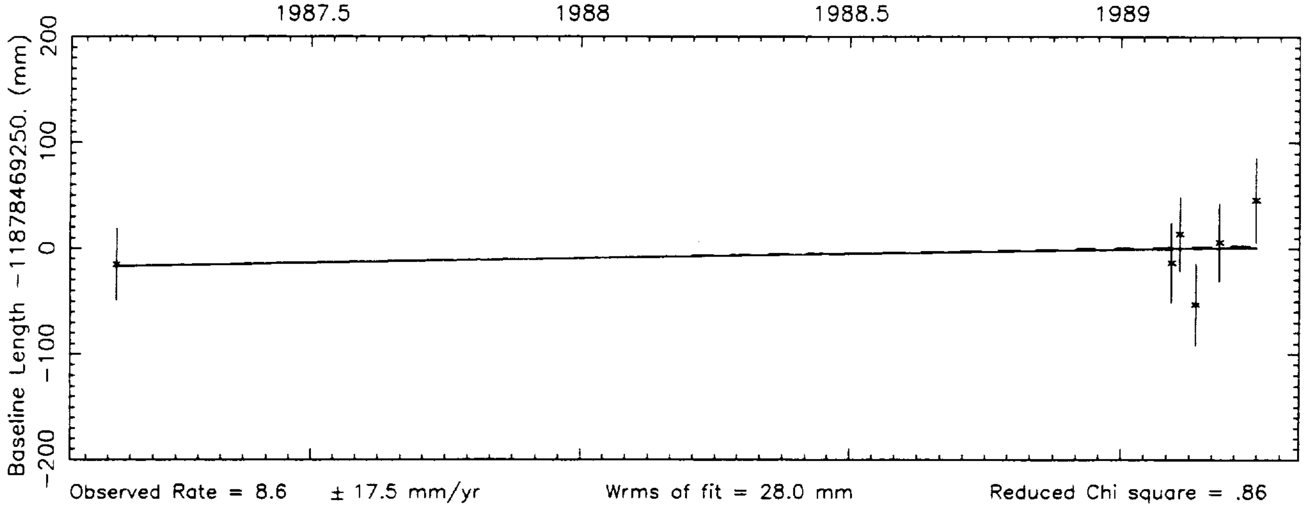
NUVEL model rate = –.8 mm/yr

Wrms of fit = 13.1 mm

Reduced Chi square = .53

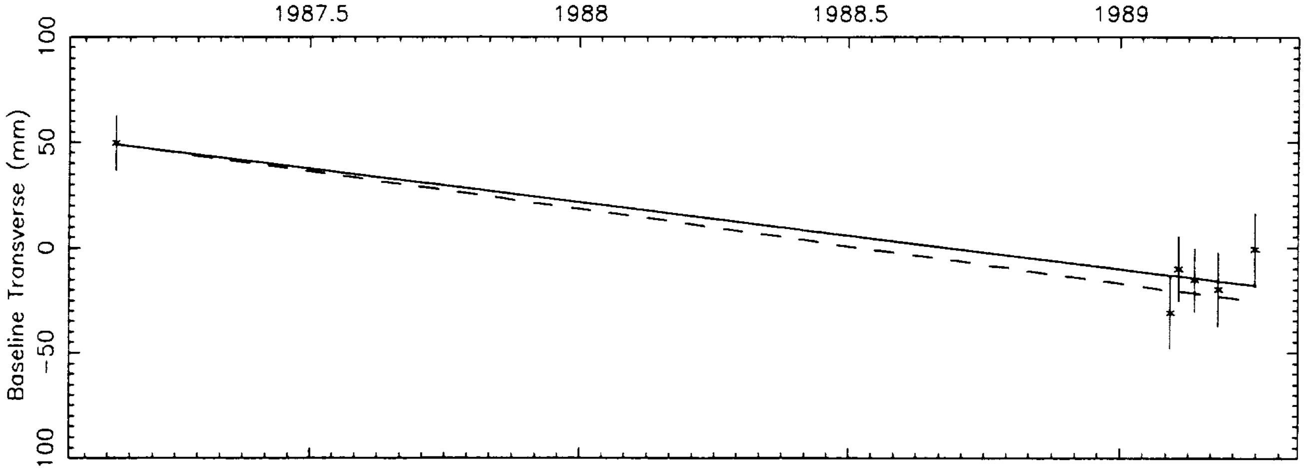
Vector baseline plots for HARTRAO -HRAS 085

Baseline length = 11878 kilometers Number of sessions = 6



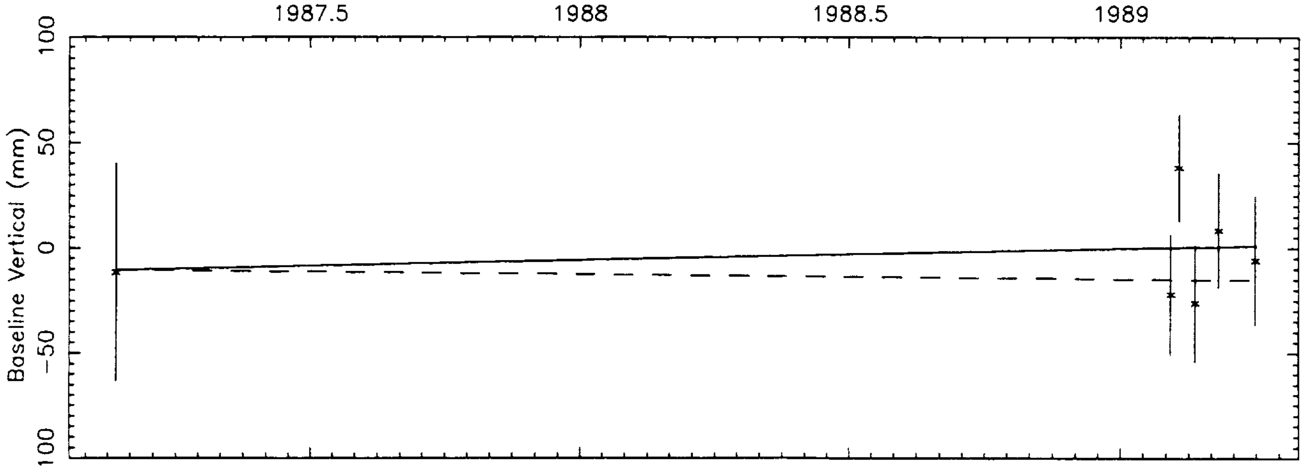
Observed Rate = 8.6 ± 17.5 mm/yr Wrms of fit = 28.0 mm Reduced Chi square = .86

NUVEL model rate = 9.4 mm/yr Weighted mean length = 11878469246.7 mm



Observed Rate = -31.7 ± 5.6 mm/yr Wrms of fit = 9.5 mm Reduced Chi square = .55

NUVEL model rate = -35.4 mm/yr



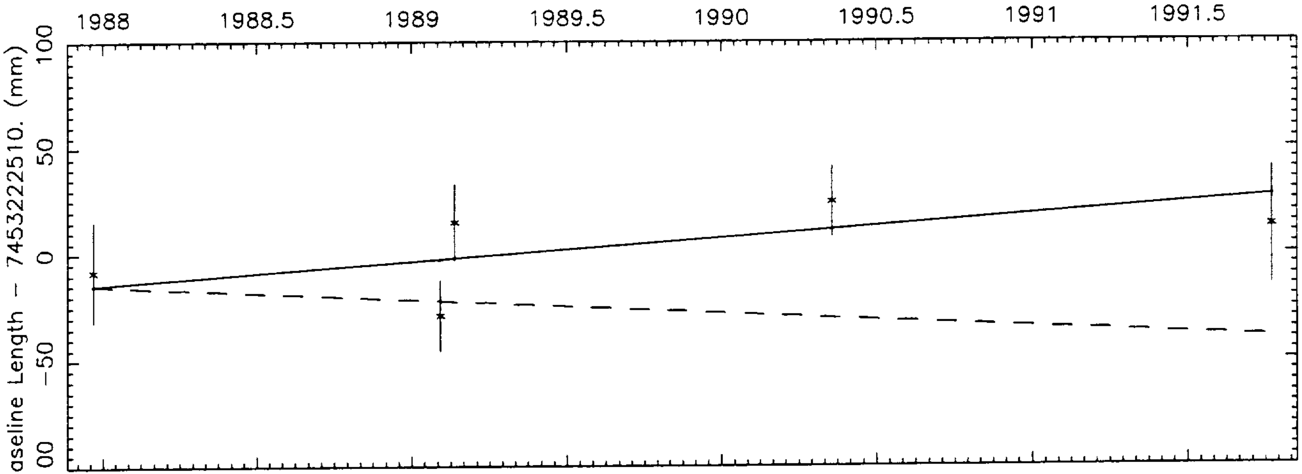
Observed Rate = 5.5 ± 26.0 mm/yr Wrms of fit = 23.9 mm Reduced Chi square = .98

NUVEL model rate = -2.3 mm/yr

Vector baseline plots for HARTRAO –MEDICINA

Baseline length = 7453 kilometers

Number of sessions = 5



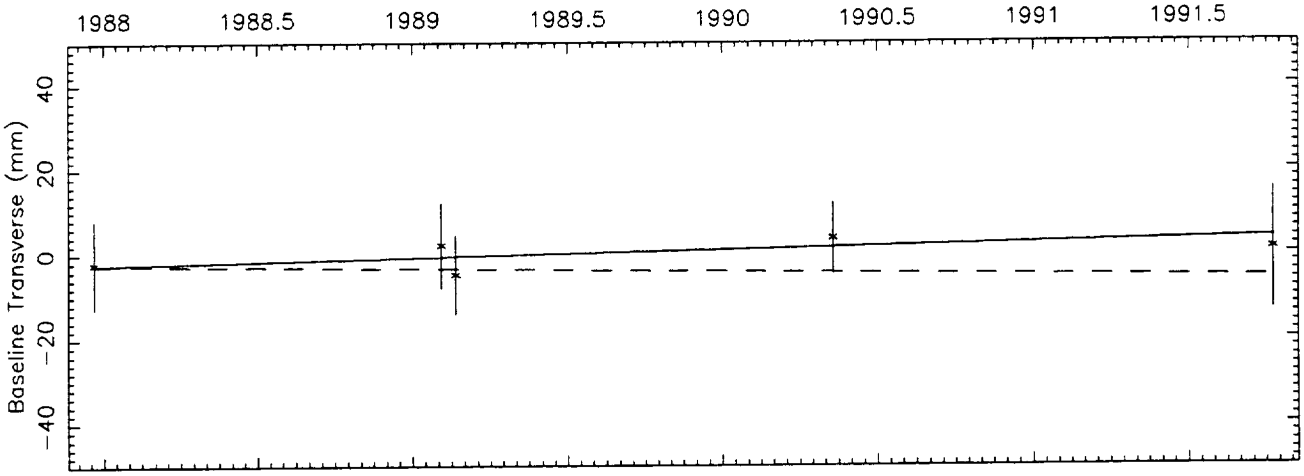
Observed Rate = 11.0 ± 10.0 mm/yr

Wrms of fit = 18.1 mm

Reduced Chi square = 1.46

NUVEL model rate = –6.5 mm/yr

Weighted mean length = 7453222512.4 mm

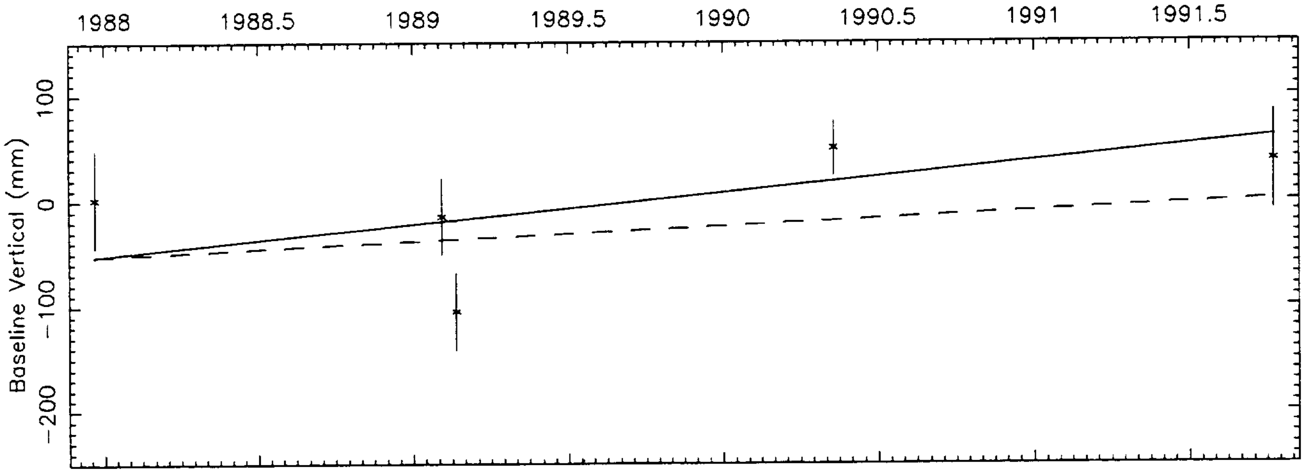


Observed Rate = 1.6 ± 1.5 mm/yr

Wrms of fit = 2.8 mm

Reduced Chi square = .13

NUVEL model rate = –.8 mm/yr



Observed Rate = 29.7 ± 25.6 mm/yr

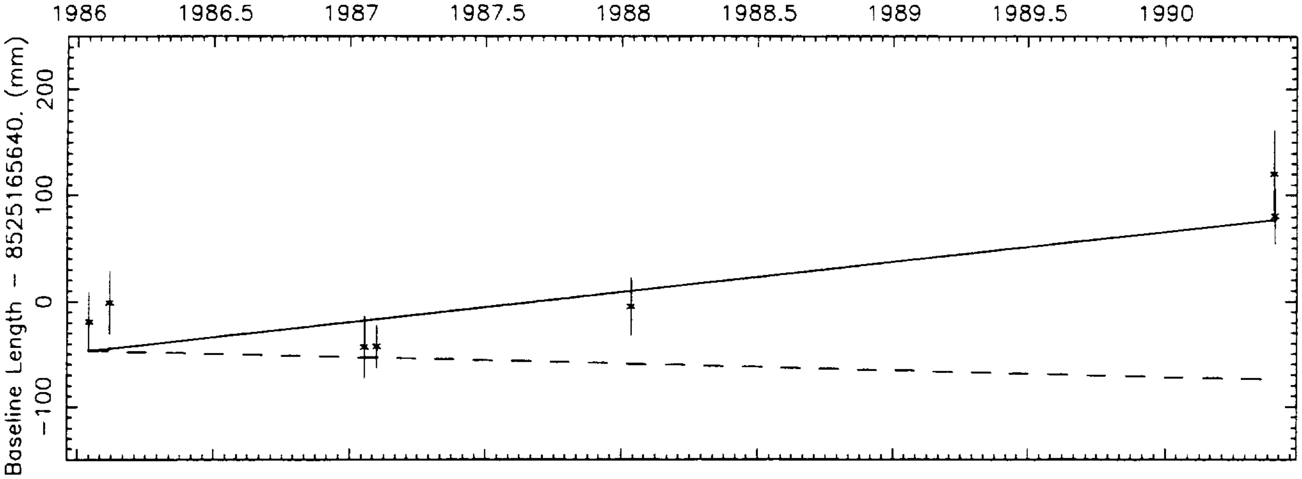
Wrms of fit = 47.4 mm

Reduced Chi square = 2.96

NUVEL model rate = 14.1 mm/yr

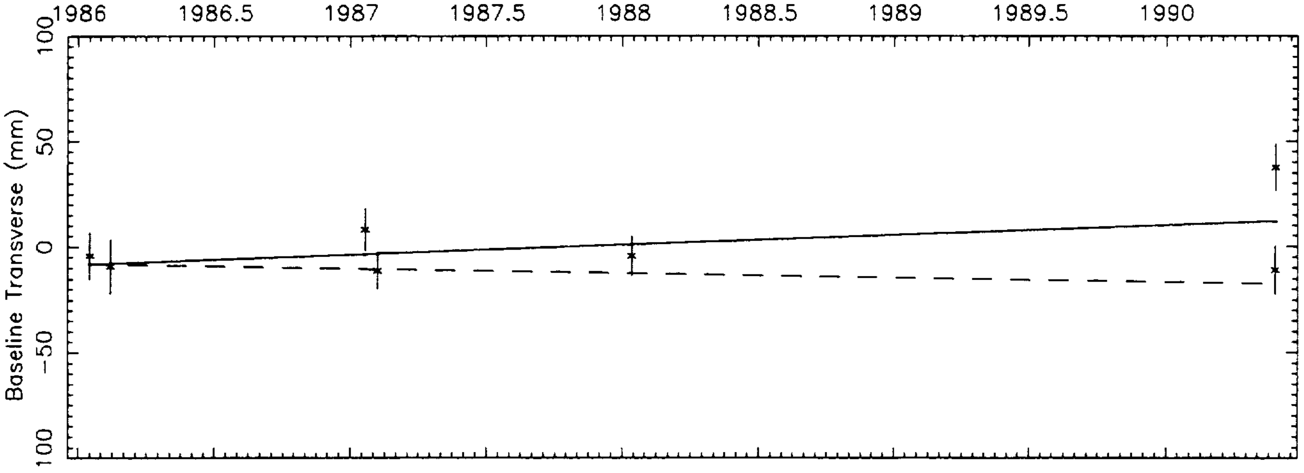
Vector baseline plots for HARTRAO -ONSALA60

Baseline length = 8525 kilometers Number of sessions = 7



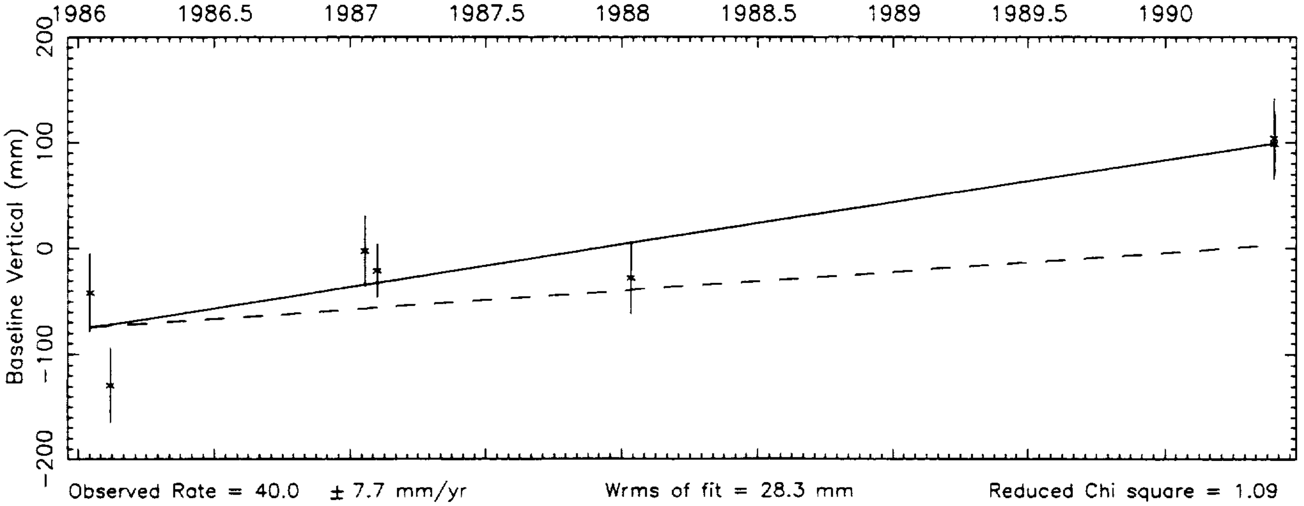
Observed Rate = 28.5 ± 7.9 mm/yr Wrms of fit = 27.2 mm Reduced Chi square = 1.38

NUVEL model rate = -6.4 mm/yr Weighted mean length = 8525165639.7 mm



Observed Rate = 4.6 ± 3.9 mm/yr Wrms of fit = 13.6 mm Reduced Chi square = 2.37

NUVEL model rate = -2.1 mm/yr



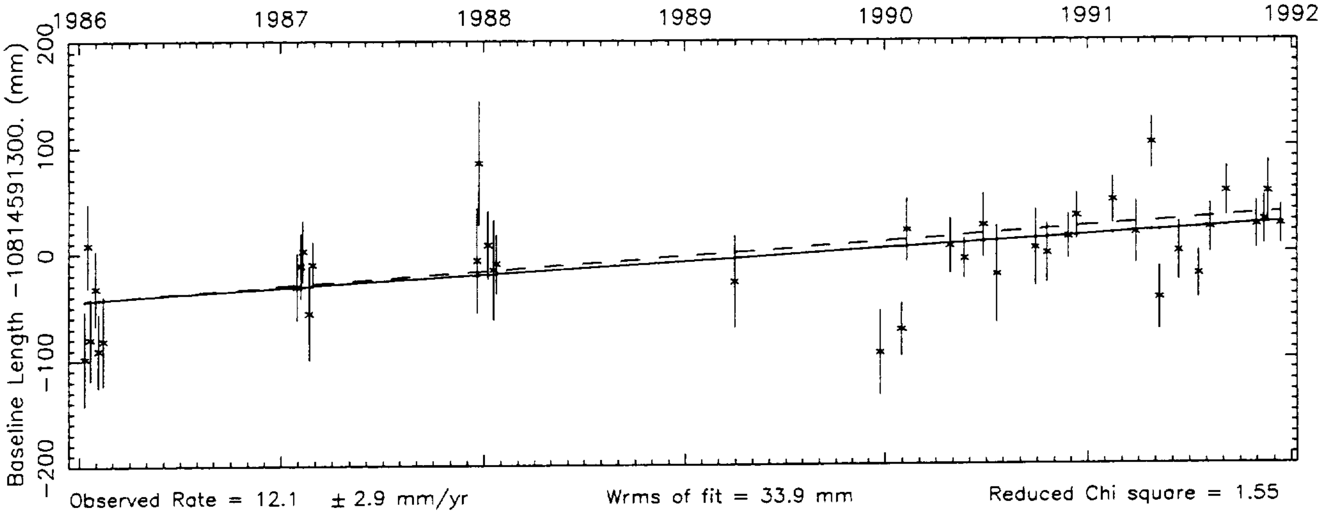
Observed Rate = 40.0 ± 7.7 mm/yr Wrms of fit = 28.3 mm Reduced Chi square = 1.09

NUVEL model rate = 17.8 mm/yr

Vector baseline plots for HARTRAO -RICHMOND

Baseline length = 10815 kilometers

Number of sessions = 40



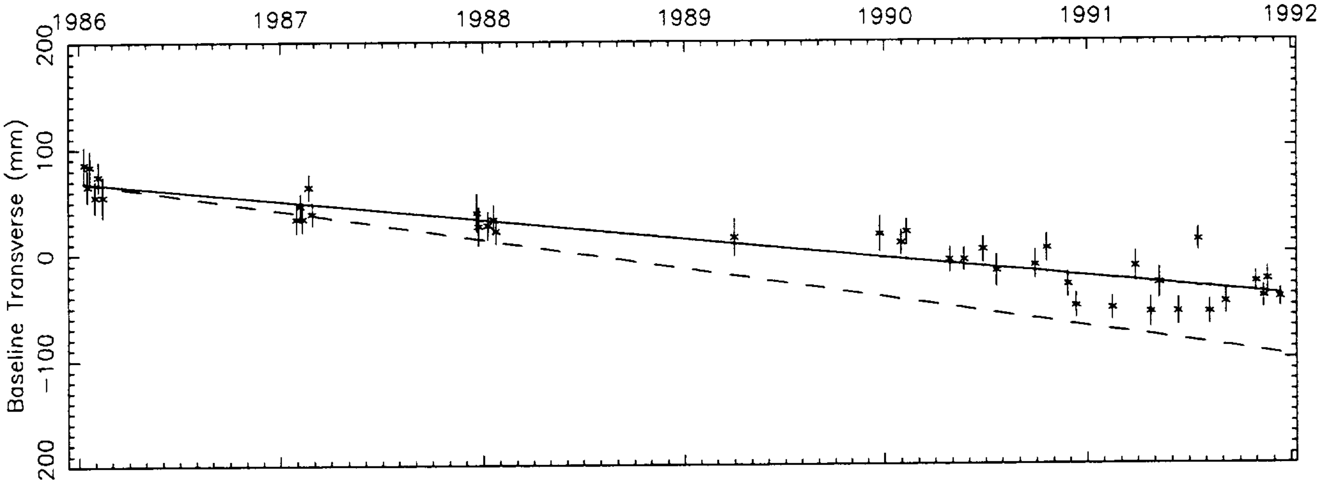
Observed Rate = 12.1 ± 2.9 mm/yr

NUVEL model rate = 13.7 mm/yr

Wrms of fit = 33.9 mm

Weighted mean length = 10814591304.2 mm

Reduced Chi square = 1.55

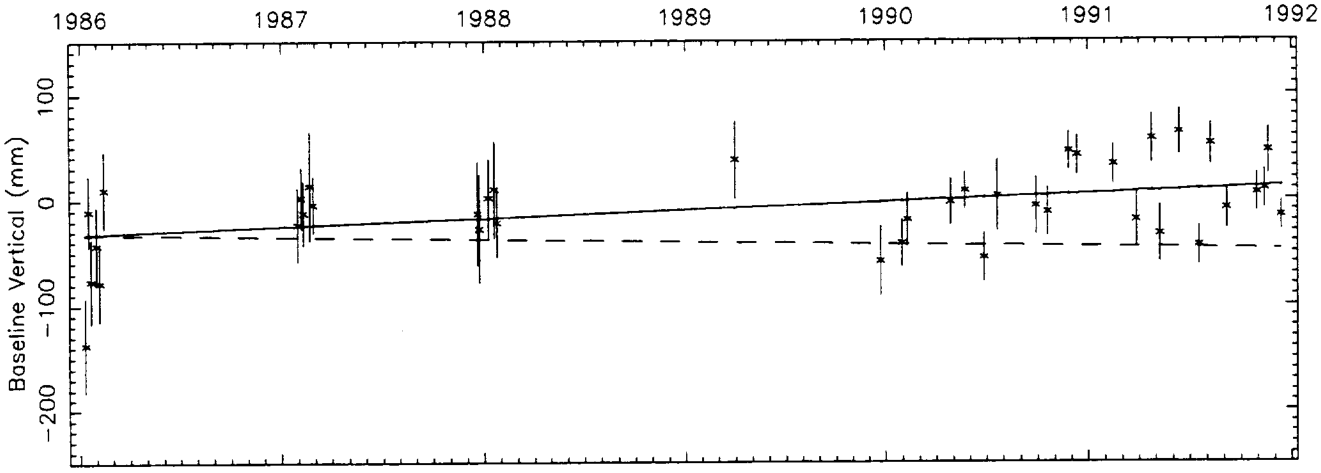


Observed Rate = -18.2 ± 1.3 mm/yr

NUVEL model rate = -27.7 mm/yr

Wrms of fit = 16.7 mm

Reduced Chi square = 1.81



Observed Rate = 7.4 ± 3.1 mm/yr

NUVEL model rate = -2.6 mm/yr

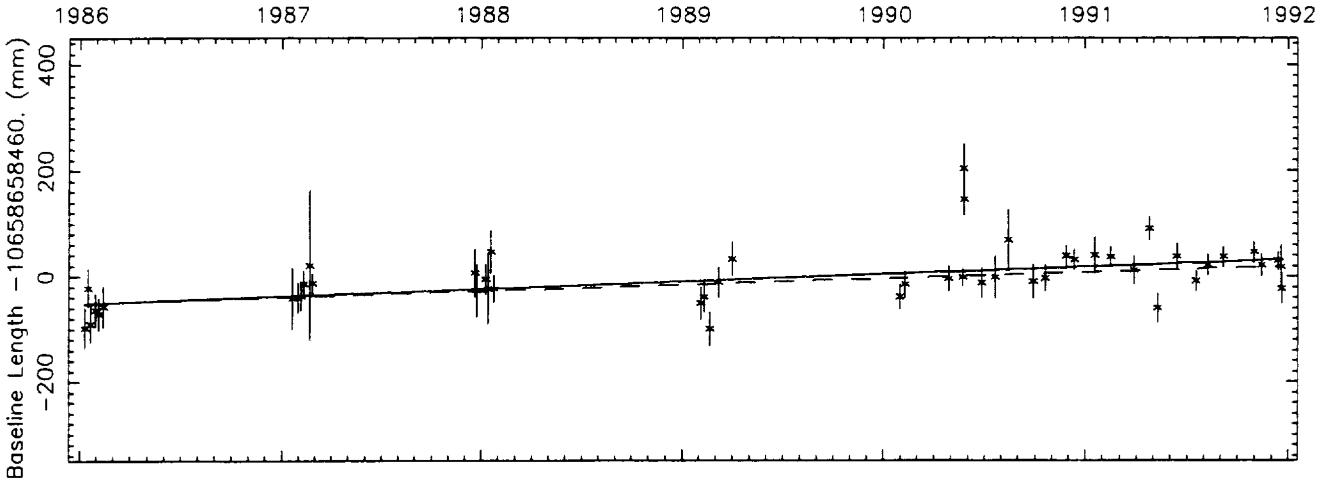
Wrms of fit = 33.1 mm

Reduced Chi square = 1.94

Vector baseline plots for HARTRAO –WESTFORD

Baseline length = 10659 kilometers

Number of sessions = 50



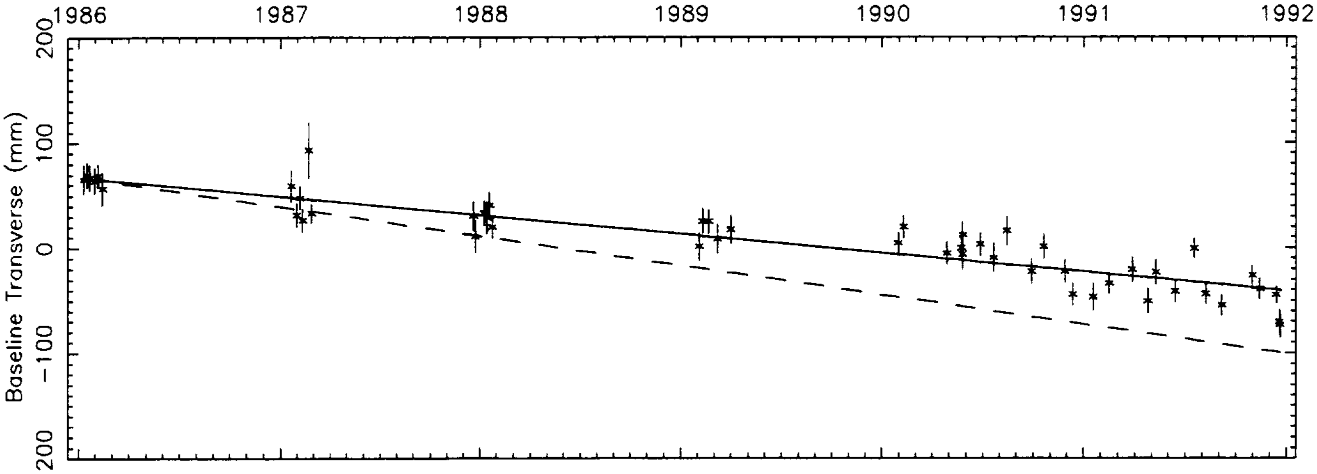
Observed Rate = 14.0 ± 2.9 mm/yr

NUVEL model rate = 12.0 mm/yr

Wrms of fit = 37.2 mm

Weighted mean length = 10658658463.9 mm

Reduced Chi square = 2.04

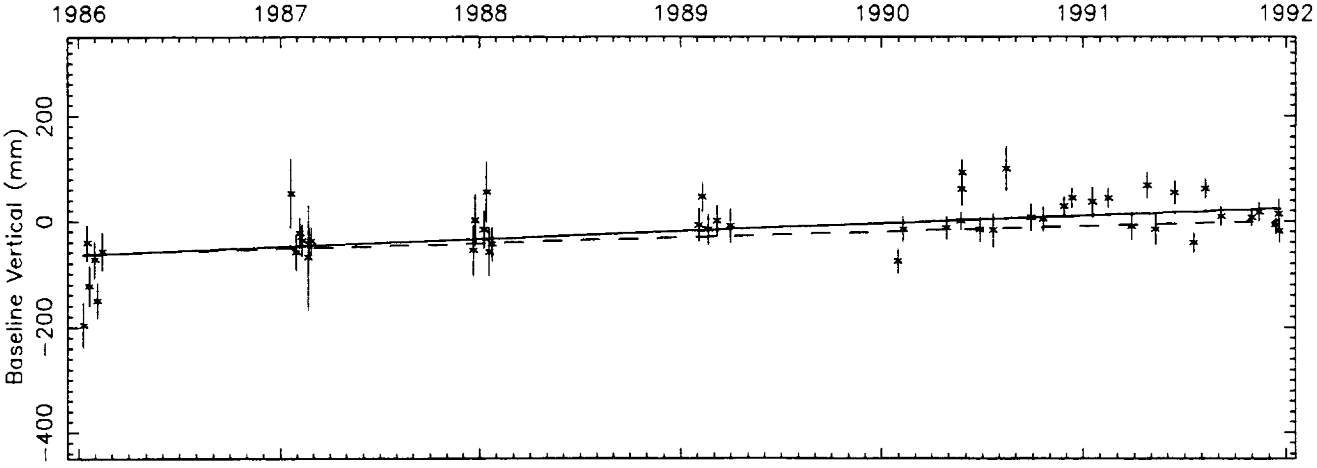


Observed Rate = –18.0 ± 1.1 mm/yr

NUVEL model rate = –28.1 mm/yr

Wrms of fit = 15.4 mm

Reduced Chi square = 1.87



Observed Rate = 14.8 ± 3.2 mm/yr

NUVEL model rate = 10.9 mm/yr

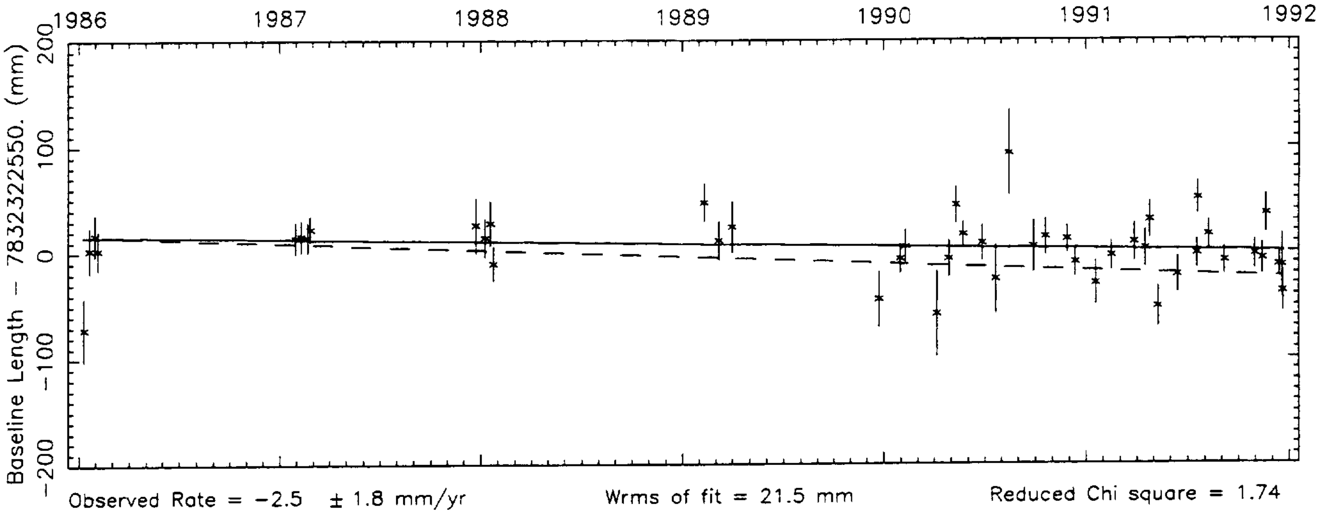
Wrms of fit = 38.3 mm

Reduced Chi square = 2.41

Vector baseline plots for HARTRAO -WETTZELL

Baseline length = 7832 kilometers

Number of sessions = 46



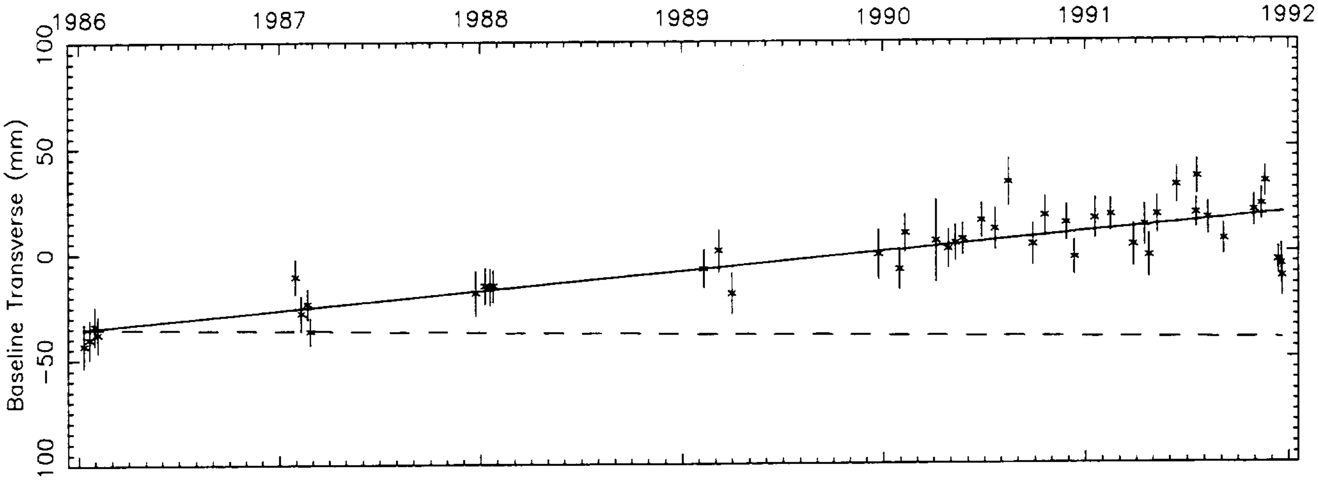
Observed Rate = -2.5 ± 1.8 mm/yr

NUVEL model rate = -6.6 mm/yr

Wrms of fit = 21.5 mm

Weighted mean length = 7832322554.9 mm

Reduced Chi square = 1.74

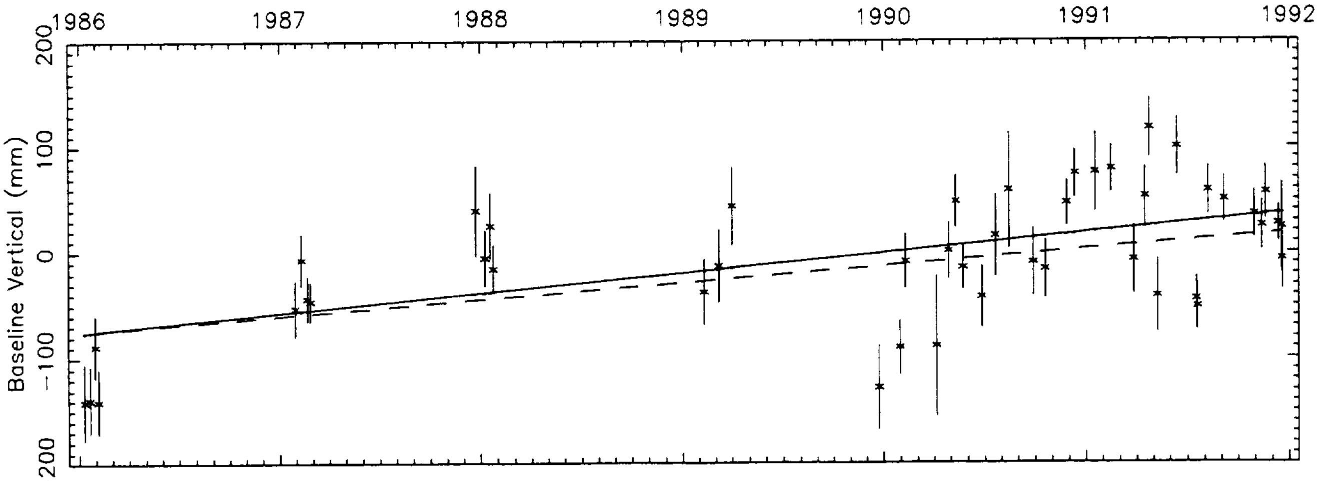


Observed Rate = 9.0 ± .9 mm/yr

NUVEL model rate = -1.0 mm/yr

Wrms of fit = 10.9 mm

Reduced Chi square = 1.63



Observed Rate = 18.9 ± 3.7 mm/yr

NUVEL model rate = 15.7 mm/yr

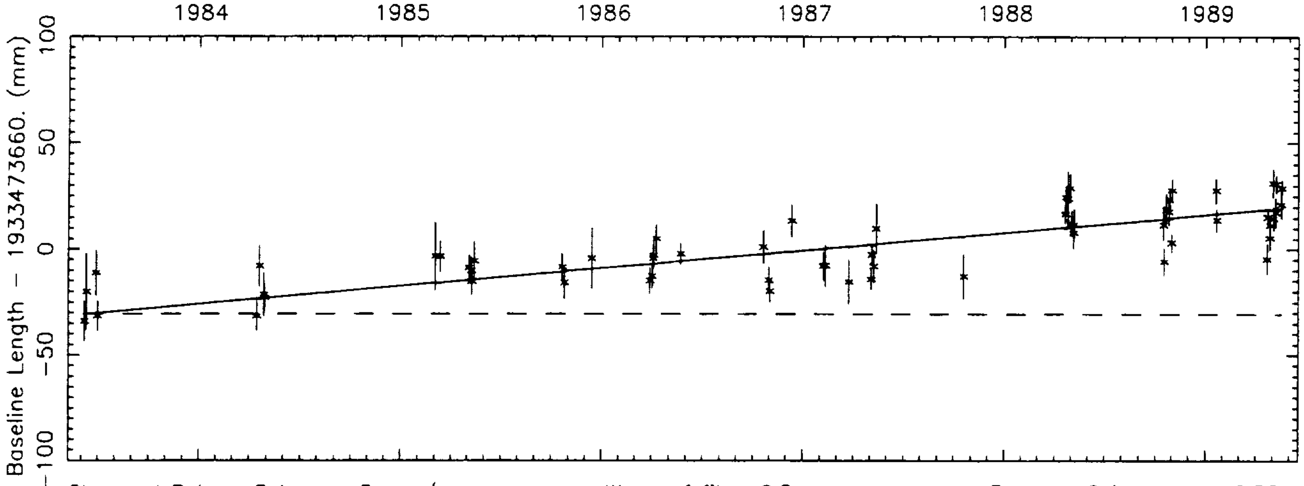
Wrms of fit = 45.7 mm

Reduced Chi square = 3.11

Vector baseline plots for HATCREEK–HRAS 085

Baseline length = 1933 kilometers

Number of sessions = 62



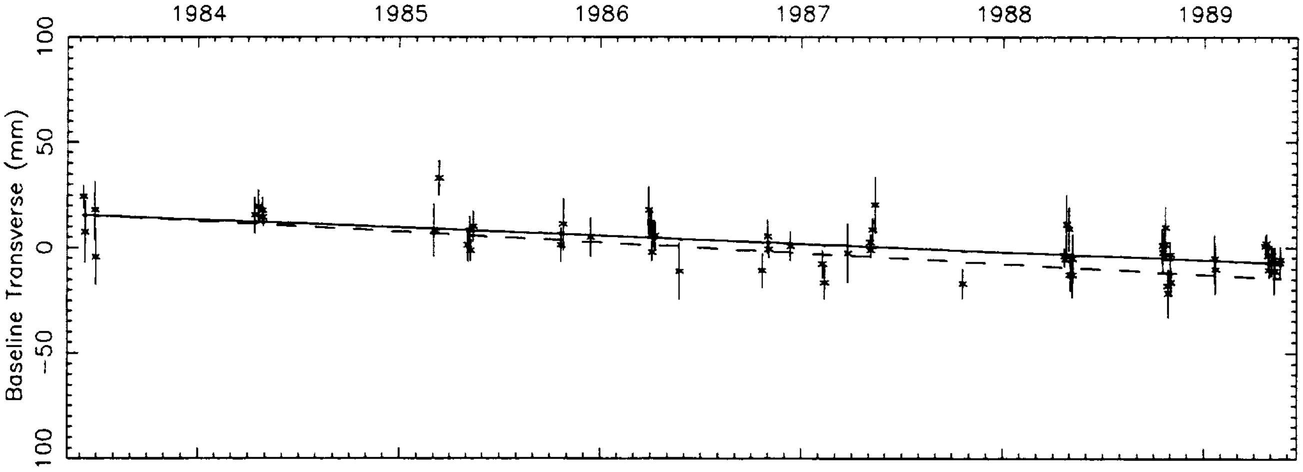
Observed Rate = 8.4 ± .8 mm/yr

Wrms of fit = 9.8 mm

Reduced Chi square = 2.58

NUVEL model rate = .0 mm/yr

Weighted mean length = 1933473664.9 mm

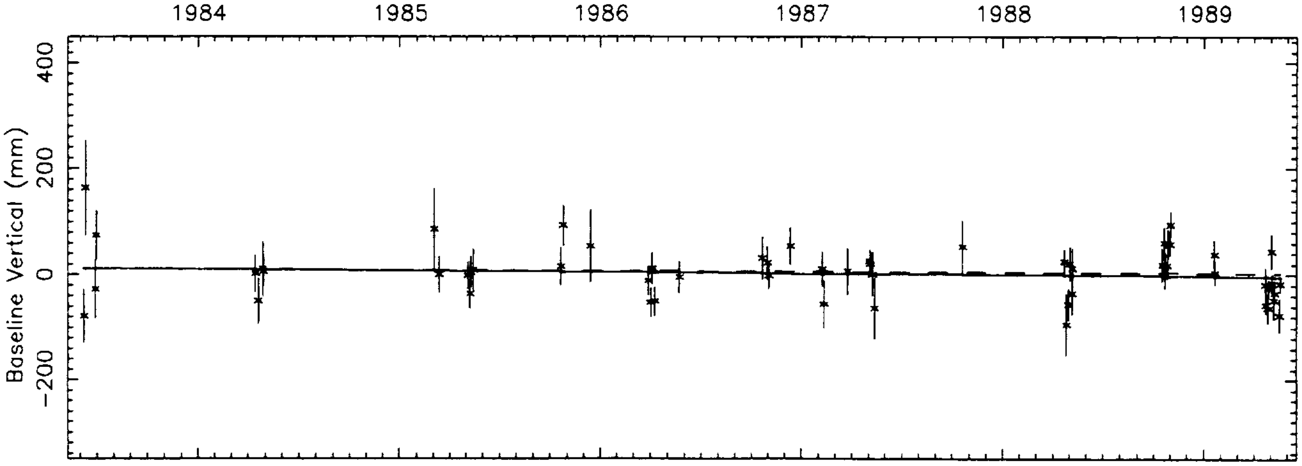


Observed Rate = −3.9 ± .5 mm/yr

Wrms of fit = 6.8 mm

Reduced Chi square = 1.23

NUVEL model rate = −5.1 mm/yr



Observed Rate = −2.5 ± 3.1 mm/yr

Wrms of fit = 39.2 mm

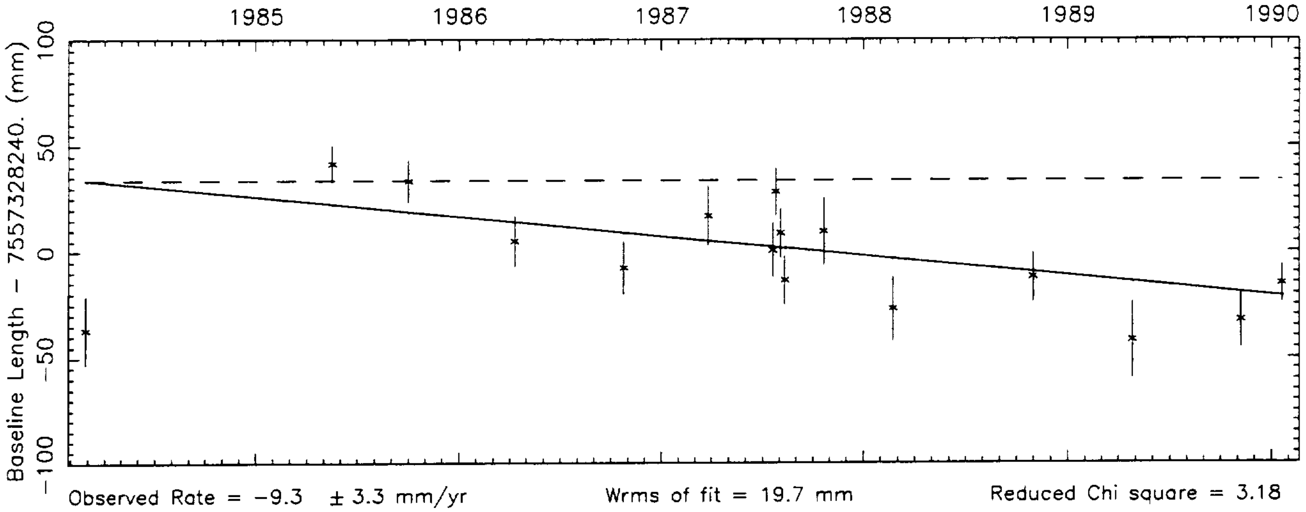
Reduced Chi square = 1.98

NUVEL model rate = −1.4 mm/yr

Vector baseline plots for HATCREEK–KASHIMA

Baseline length = 7557 kilometers

Number of sessions = 16



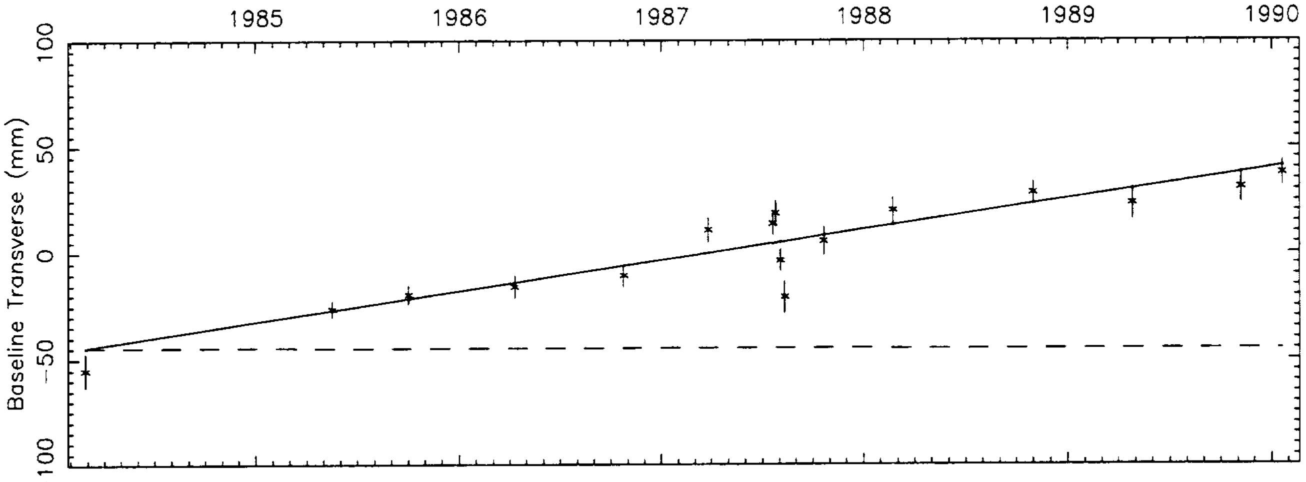
Observed Rate = –9.3 ± 3.3 mm/yr

Wrms of fit = 19.7 mm

Reduced Chi square = 3.18

NUVEL model rate = .0 mm/yr

Weighted mean length = 7557328242.9 mm

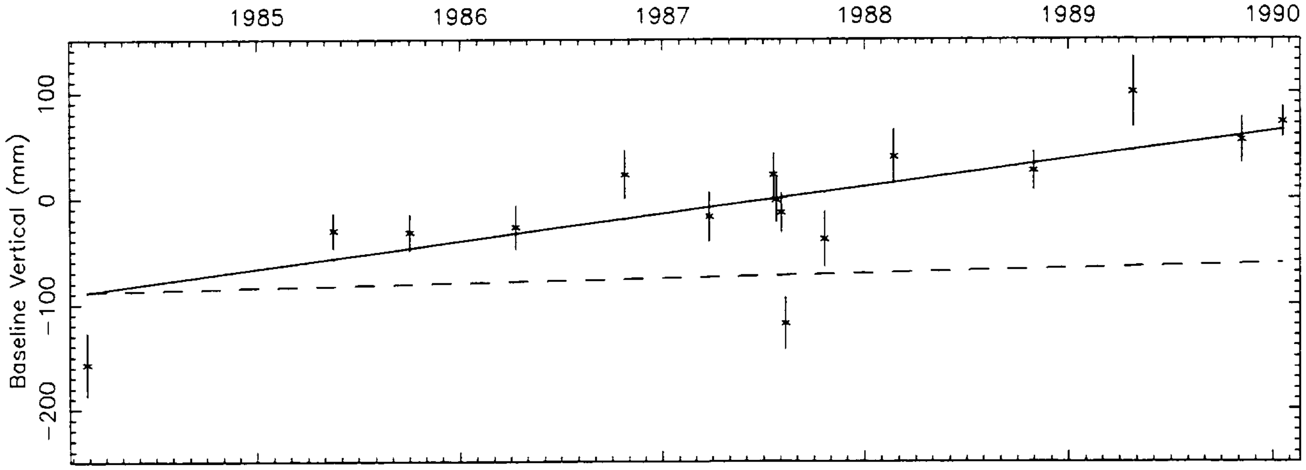


Observed Rate = 14.4 ± 1.5 mm/yr

Wrms of fit = 8.2 mm

Reduced Chi square = 2.48

NUVEL model rate = –.1 mm/yr



Observed Rate = 25.9 ± 5.7 mm/yr

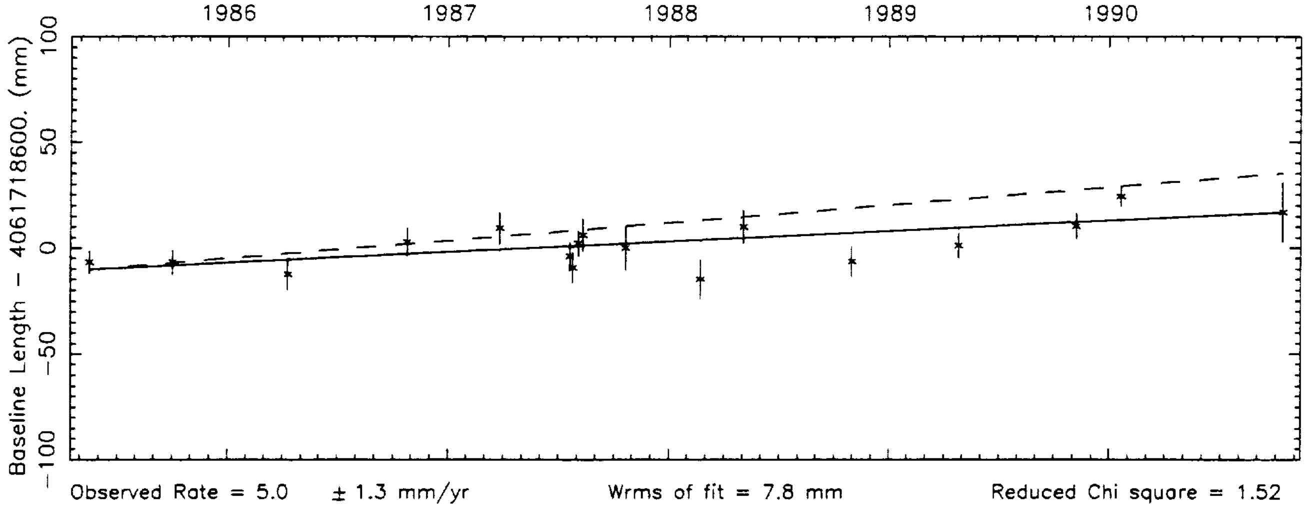
Wrms of fit = 34.3 mm

Reduced Chi square = 3.13

NUVEL model rate = 4.6 mm/yr

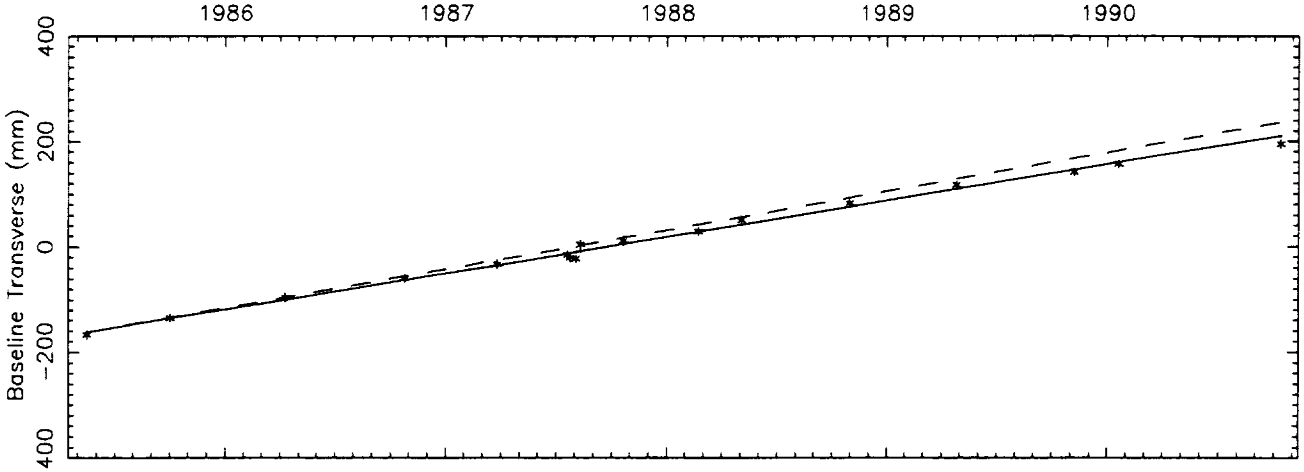
Vector baseline plots for HATCREEK—KAUAI

Baseline length = 4062 kilometers   Number of sessions = 17



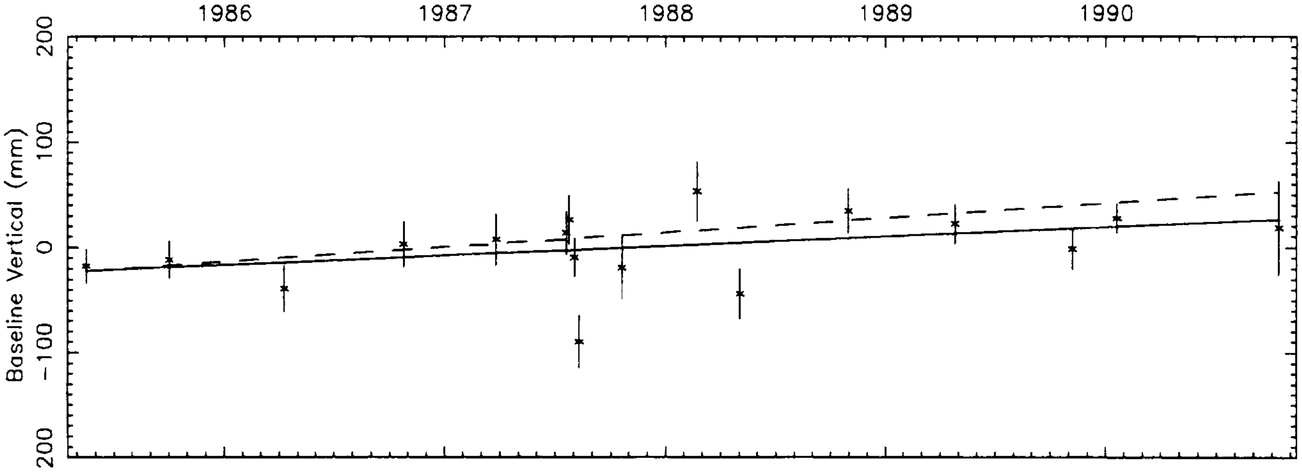
Observed Rate = 5.0 ± 1.3 mm/yr   Wrms of fit = 7.8 mm   Reduced Chi square = 1.52

NUVEL model rate = 8.4 mm/yr   Weighted mean length = 4061718602.1 mm



Observed Rate = 68.8 ± 1.1 mm/yr   Wrms of fit = 6.7 mm   Reduced Chi square = 2.33

NUVEL model rate = 73.6 mm/yr



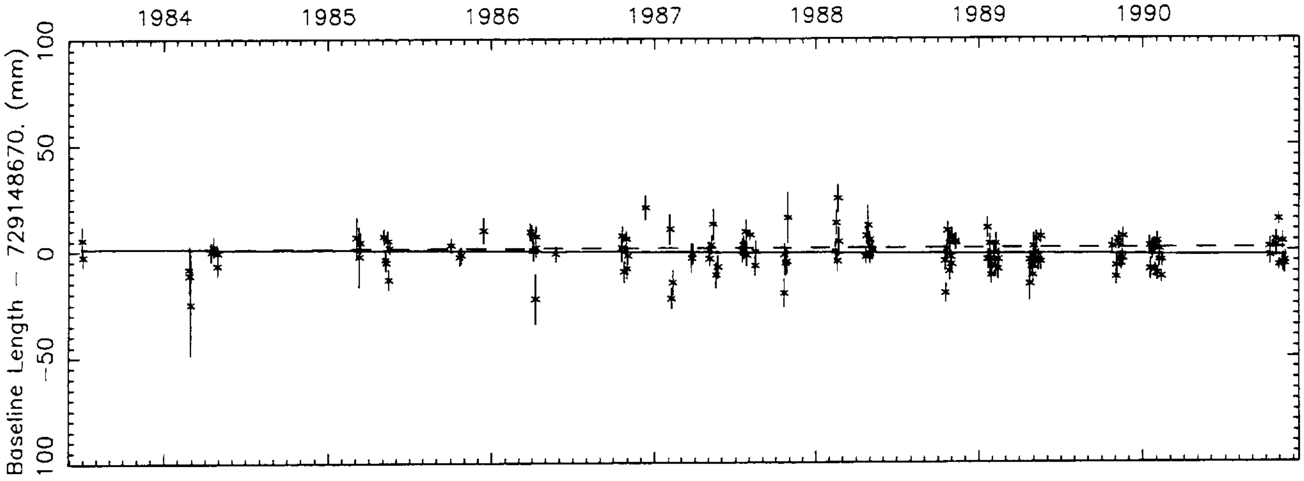
Observed Rate = 9.0 ± 4.4 mm/yr   Wrms of fit = 26.2 mm   Reduced Chi square = 1.80

NUVEL model rate = 13.8 mm/yr

Vector baseline plots for HATCREEK–MOJAVE12

Baseline length = 729 kilometers

Number of sessions = 139



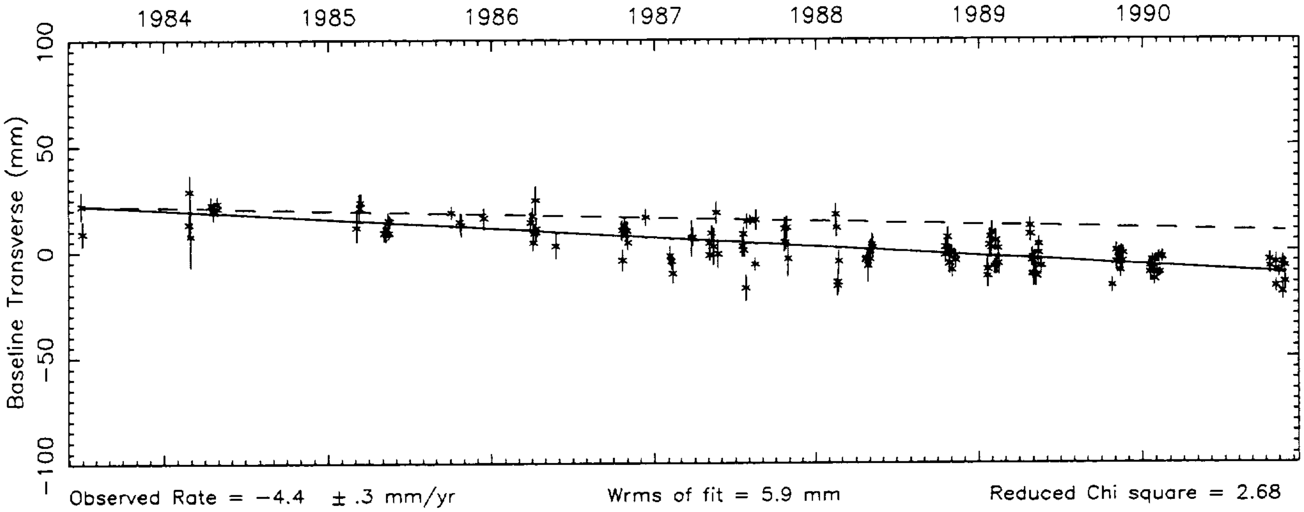
Observed Rate = –.5 ± .3 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 6.7 mm

Weighted mean length = 729148668.8 mm

Reduced Chi square = 2.68

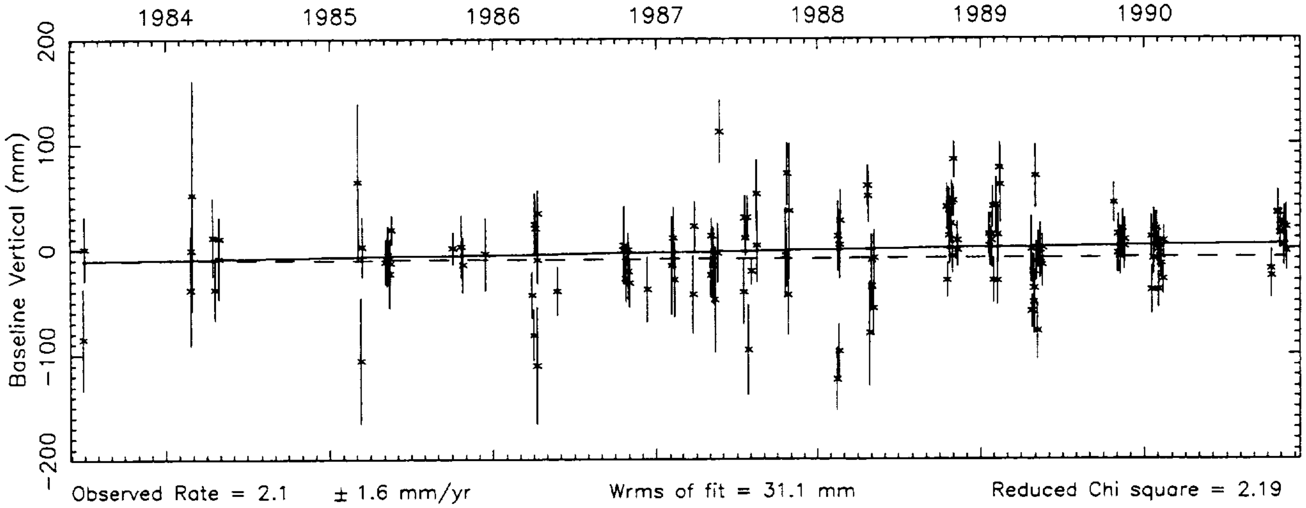


Observed Rate = –4.4 ± .3 mm/yr

NUVEL model rate = –1.7 mm/yr

Wrms of fit = 5.9 mm

Reduced Chi square = 2.68



Observed Rate = 2.1 ± 1.6 mm/yr

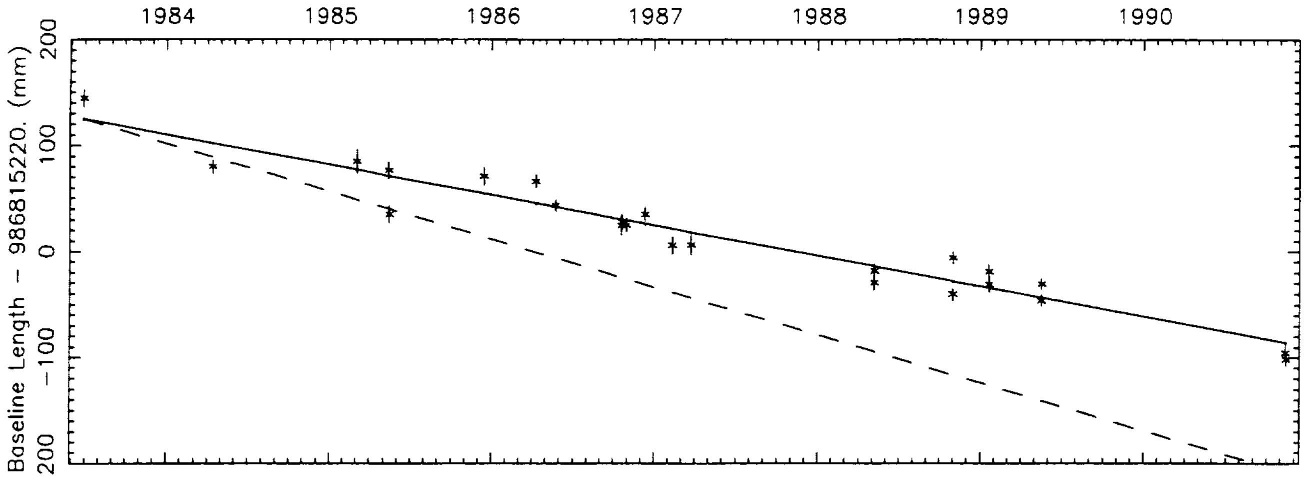
NUVEL model rate = .4 mm/yr

Wrms of fit = 31.1 mm

Reduced Chi square = 2.19

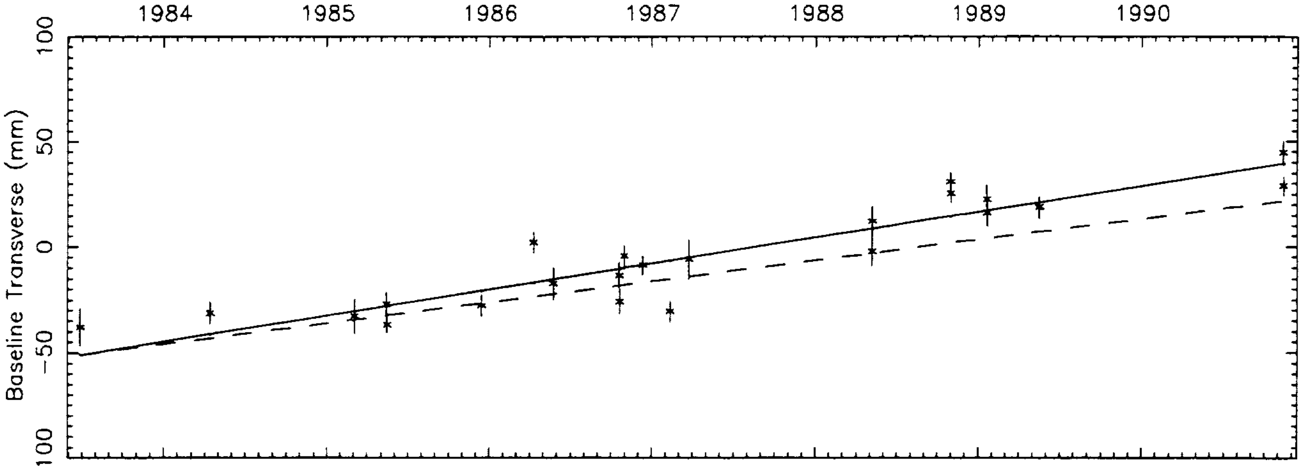
Vector baseline plots for HATCREEK–MON PEAK

Baseline length = 987 kilometers　　Number of sessions = 24



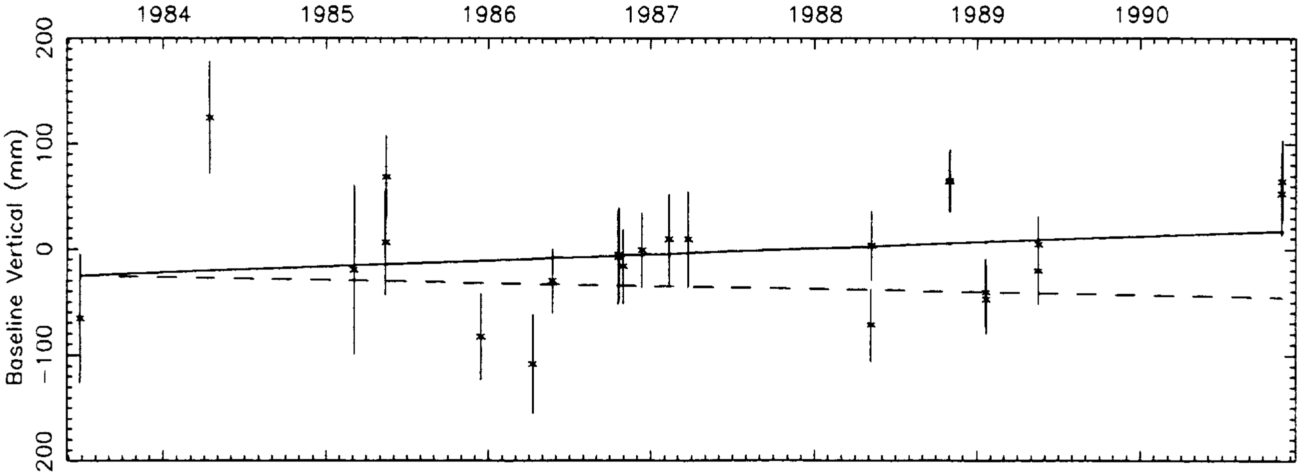
Observed Rate = −28.6 ± 1.6 mm/yr　　Wrms of fit = 14.0 mm　　Reduced Chi square = 4.70

NUVEL model rate = −45.2 mm/yr　　Weighted mean length = 986815224.2 mm



Observed Rate = 12.2 ± 1.2 mm/yr　　Wrms of fit = 10.2 mm　　Reduced Chi square = 4.15

NUVEL model rate = 9.9 mm/yr



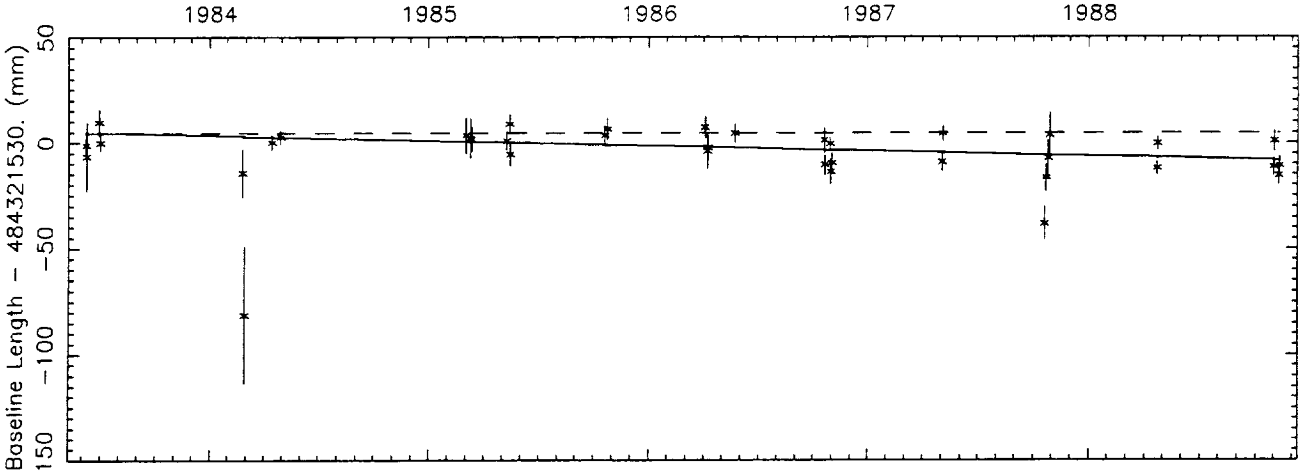
Observed Rate = 5.7 ± 6.3 mm/yr　　Wrms of fit = 49.2 mm　　Reduced Chi square = 1.93

NUVEL model rate = −2.8 mm/yr

Vector baseline plots for HATCREEK–OVRO 130

Baseline length = 484 kilometers

Number of sessions = 38



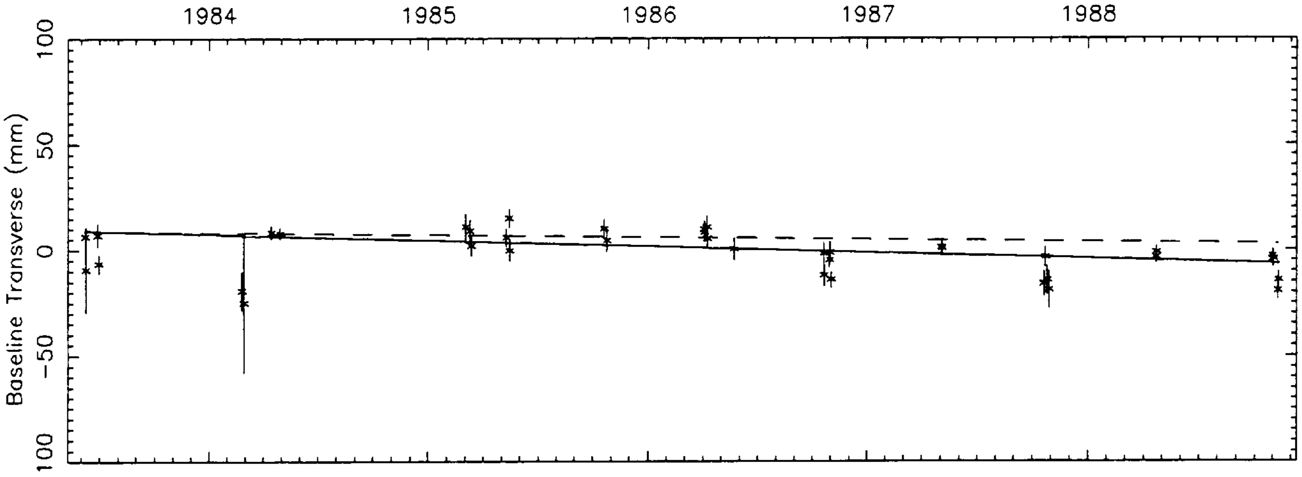
Observed Rate = –2.4 ± .7 mm/yr

Wrms of fit = 7.0 mm

Reduced Chi square = 2.34

NUVEL model rate = .0 mm/yr

Weighted mean length = 484321527.3 mm

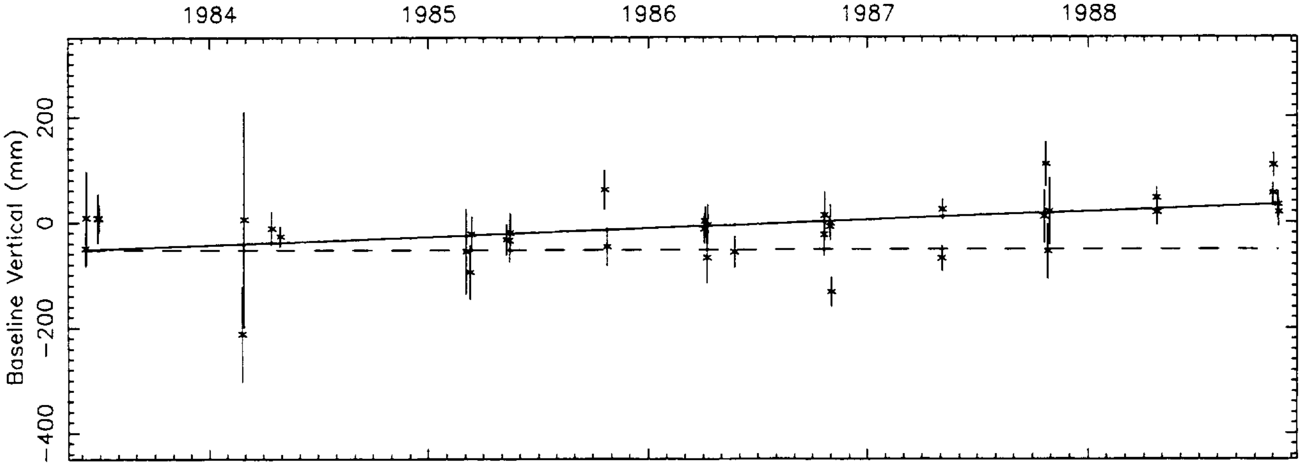


Observed Rate = –2.9 ± .7 mm/yr

Wrms of fit = 6.7 mm

Reduced Chi square = 2.79

NUVEL model rate = –1.1 mm/yr



Observed Rate = 15.8 ± 4.4 mm/yr

Wrms of fit = 42.7 mm

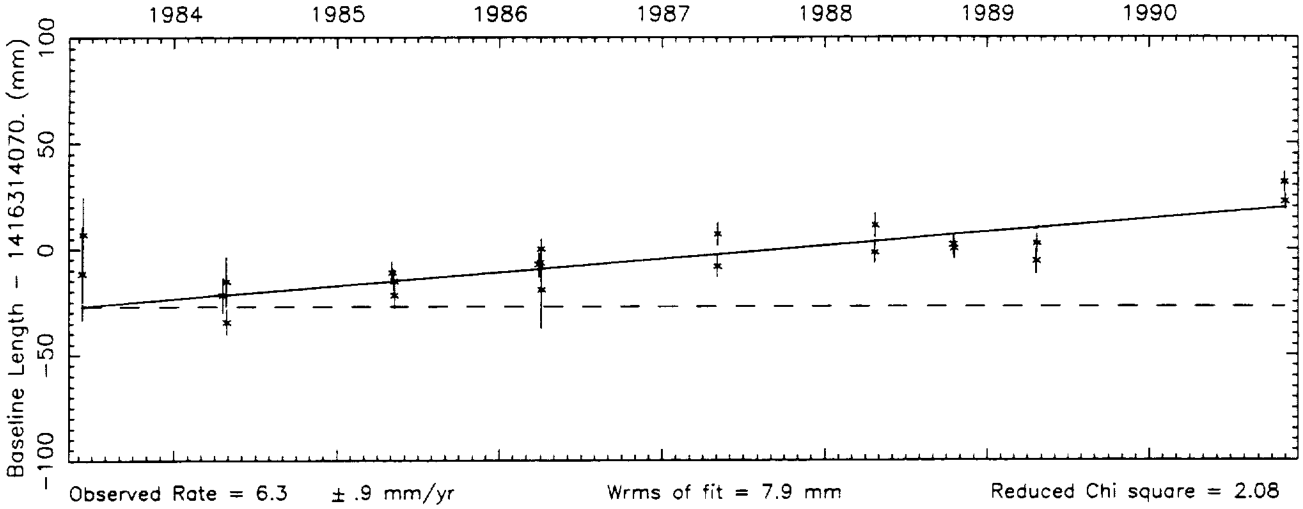
Reduced Chi square = 2.19

NUVEL model rate = .3 mm/yr

Vector baseline plots for HATCREEK−PLATTVIL

Baseline length = 1416 kilometers

Number of sessions = 22



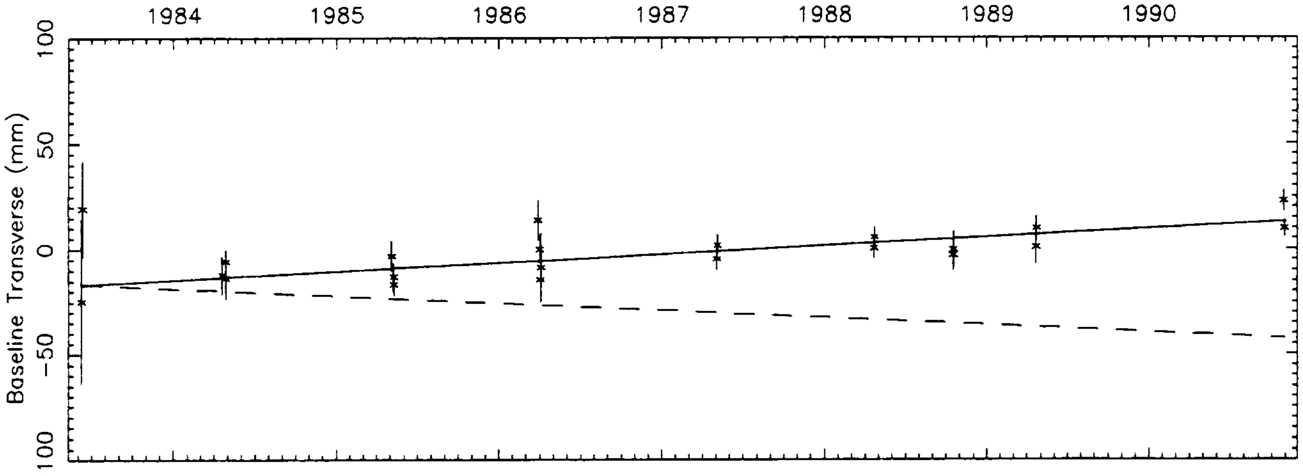
Observed Rate = 6.3 ± .9 mm/yr

Wrms of fit = 7.9 mm

Reduced Chi square = 2.08

NUVEL model rate = .0 mm/yr

Weighted mean length = 1416314069.5 mm

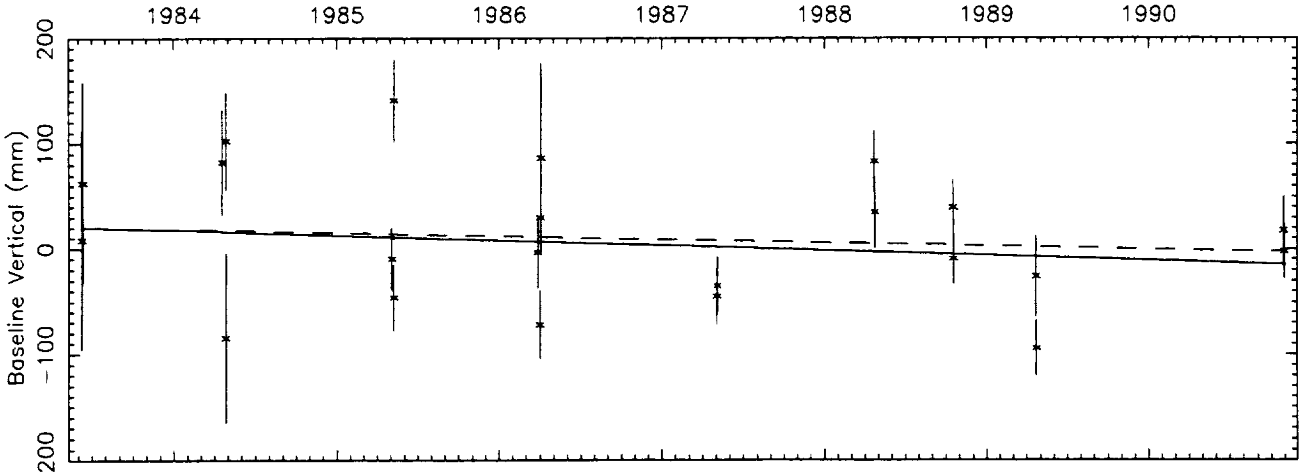


Observed Rate = 4.0 ± .7 mm/yr

Wrms of fit = 6.5 mm

Reduced Chi square = 1.22

NUVEL model rate = −3.5 mm/yr



Observed Rate = −4.8 ± 6.4 mm/yr

Wrms of fit = 54.8 mm

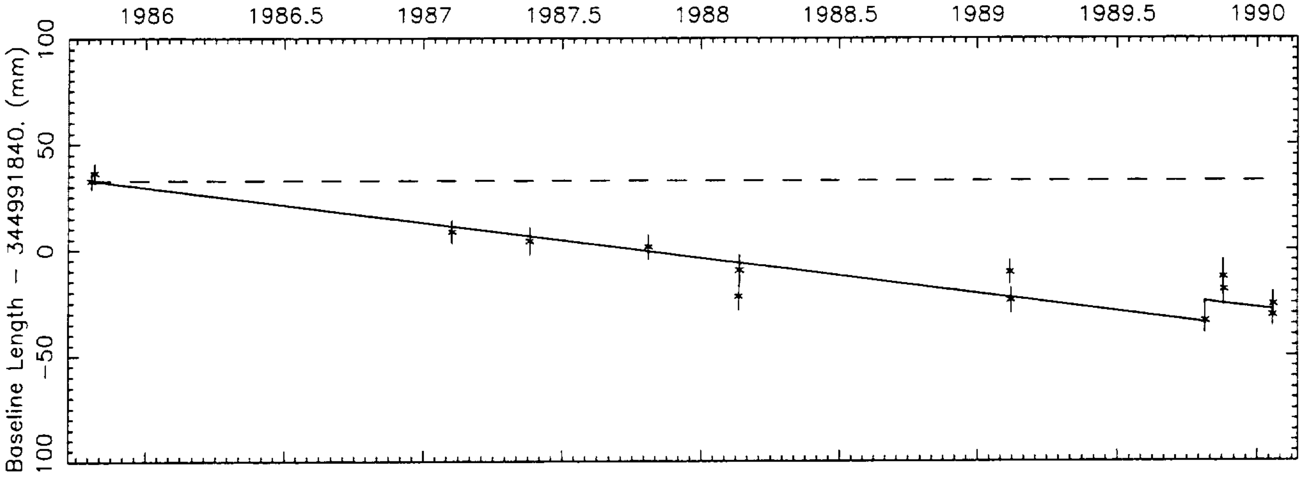
Reduced Chi square = 2.99

NUVEL model rate = −3.1 mm/yr

Vector baseline plots for HATCREEK–PRESIDIO

Baseline length = 345 kilometers

Number of sessions = 14



Observed Rate = –16.7 ± 1.9 mm/yr

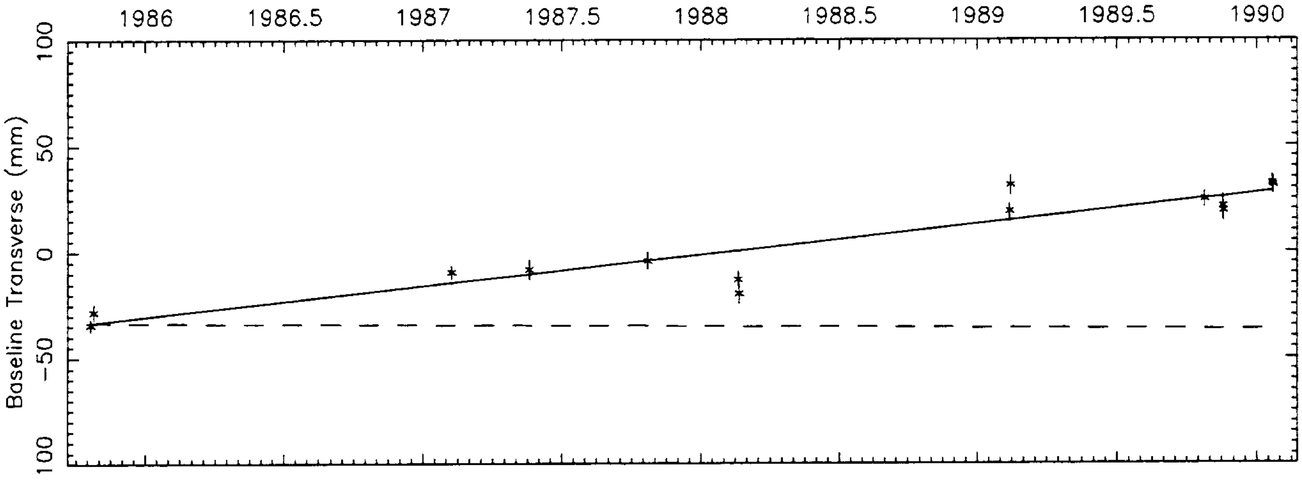
NUVEL model rate = .0 mm/yr

Wrms of fit = 6.5 mm

Weighted mean length = 344991837.4 mm

Offset = 9.9 ± 6.6 mm

Reduced Chi square = 1.63



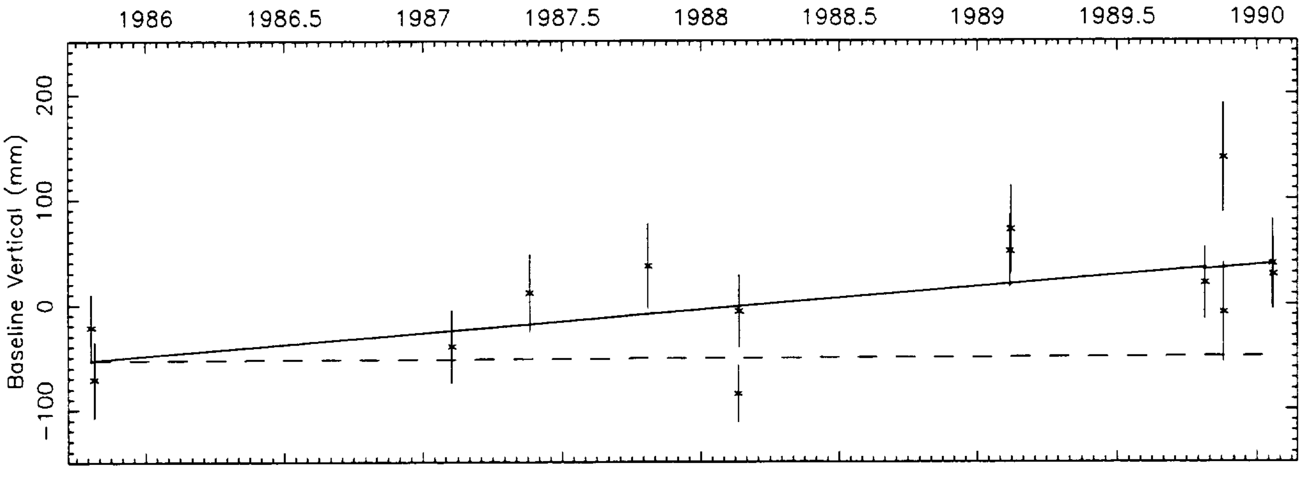
Observed Rate = 14.5 ± 2.3 mm/yr

NUVEL model rate = –.8 mm/yr

Wrms of fit = 7.8 mm

Offset = –.2 ± 7.8 mm

Reduced Chi square = 5.10



Observed Rate = 21.8 ± 13.5 mm/yr

NUVEL model rate = .9 mm/yr

Wrms of fit = 43.2 mm

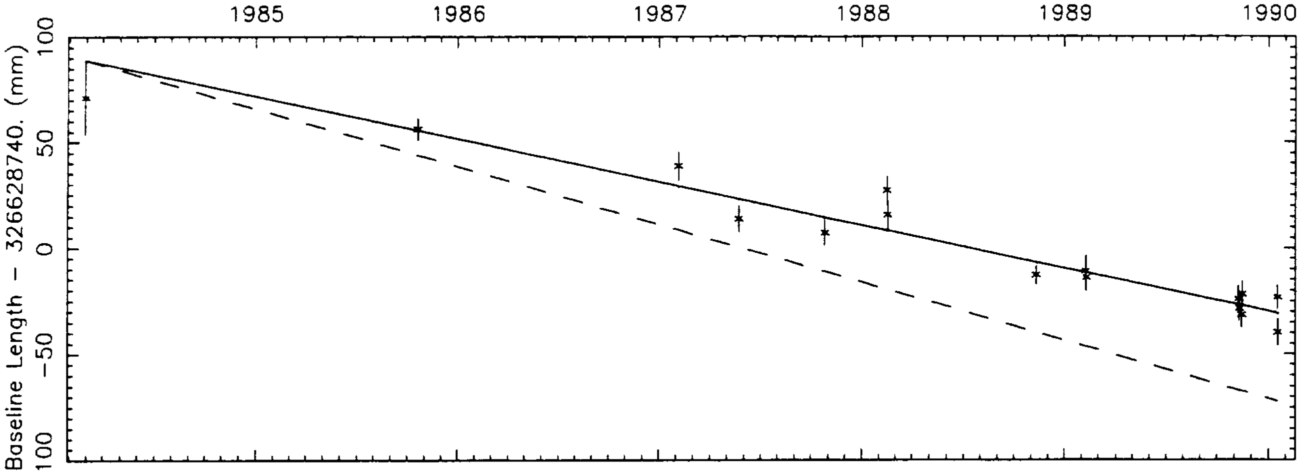
Offset = –1.5 ± 43.1 mm

Reduced Chi square = 1.82

Vector baseline plots for HATCREEK–PT REYES

Baseline length = 327 kilometers

Number of sessions = 16



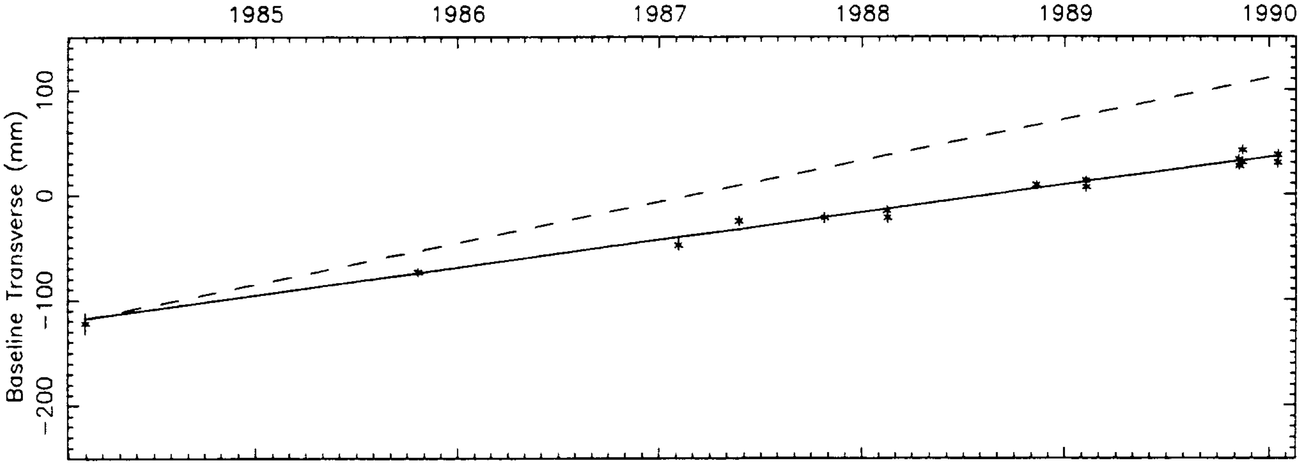
Observed Rate = −20.3 ± 1.5 mm/yr

NUVEL model rate = −27.4 mm/yr

Wrms of fit = 7.4 mm

Weighted mean length = 326628736.9 mm

Reduced Chi square = 1.67

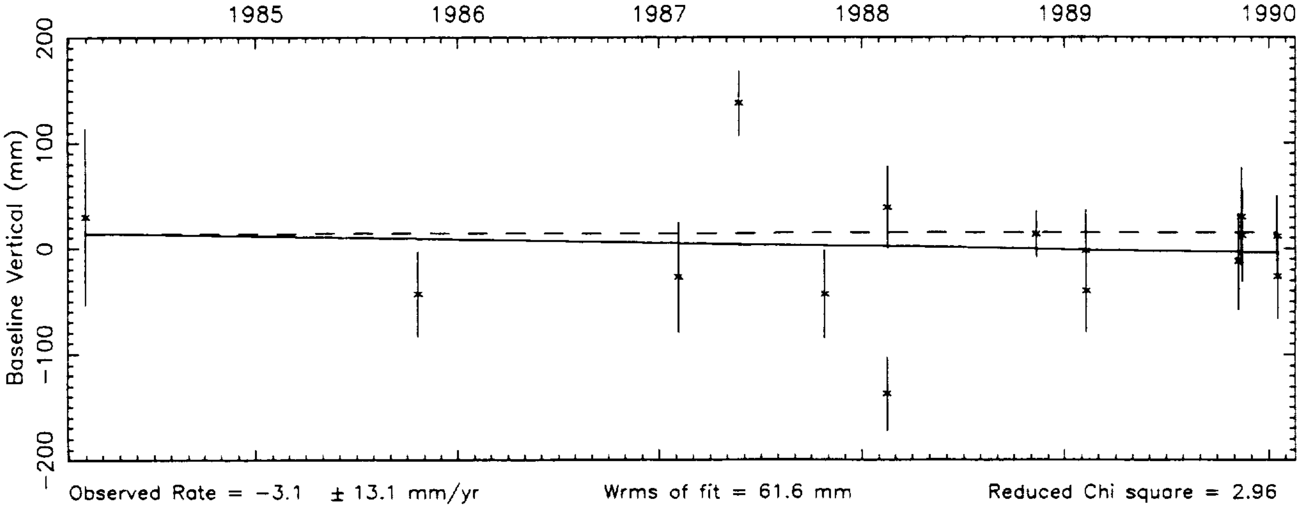


Observed Rate = 26.2 ± 1.0 mm/yr

NUVEL model rate = 39.1 mm/yr

Wrms of fit = 4.9 mm

Reduced Chi square = 1.40



Observed Rate = −3.1 ± 13.1 mm/yr

NUVEL model rate = .2 mm/yr

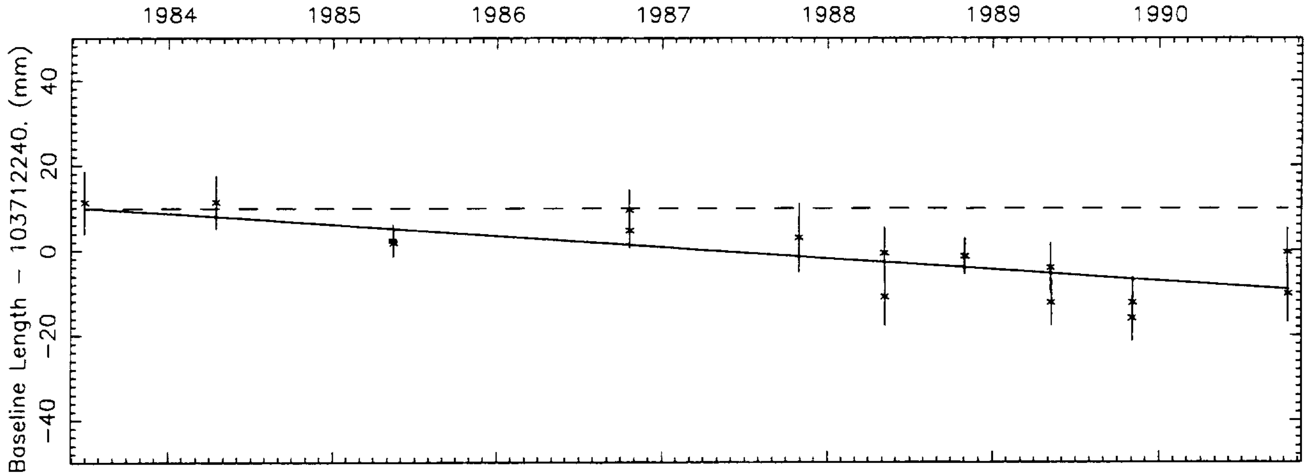
Wrms of fit = 61.6 mm

Reduced Chi square = 2.96

Vector baseline plots for HATCREEK–QUINCY

Baseline length = 104 kilometers

Number of sessions = 17



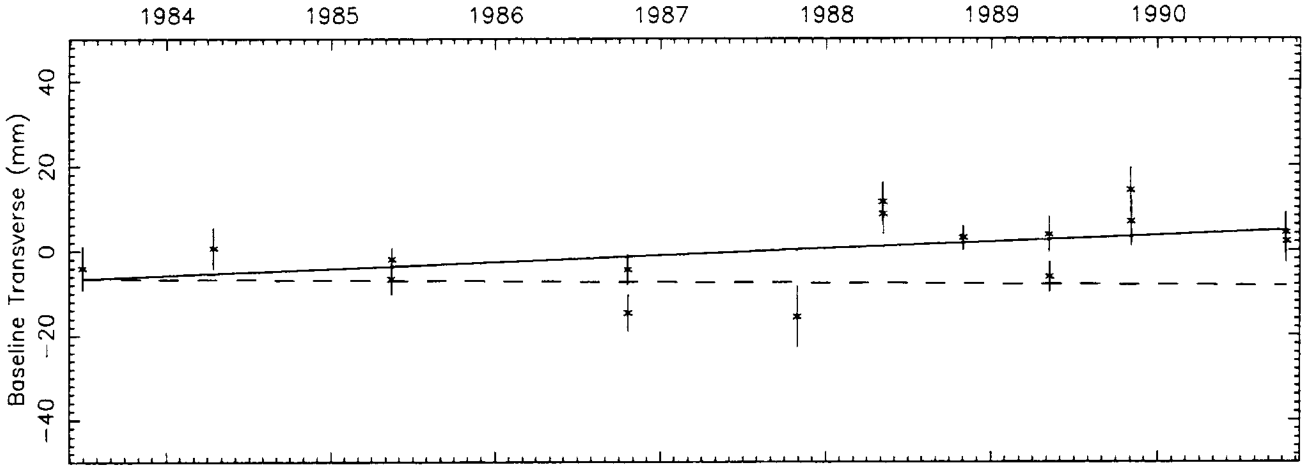
Observed Rate = –2.6 ± .6 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 4.9 mm

Weighted mean length = 103712239.1 mm

Reduced Chi square = 1.06

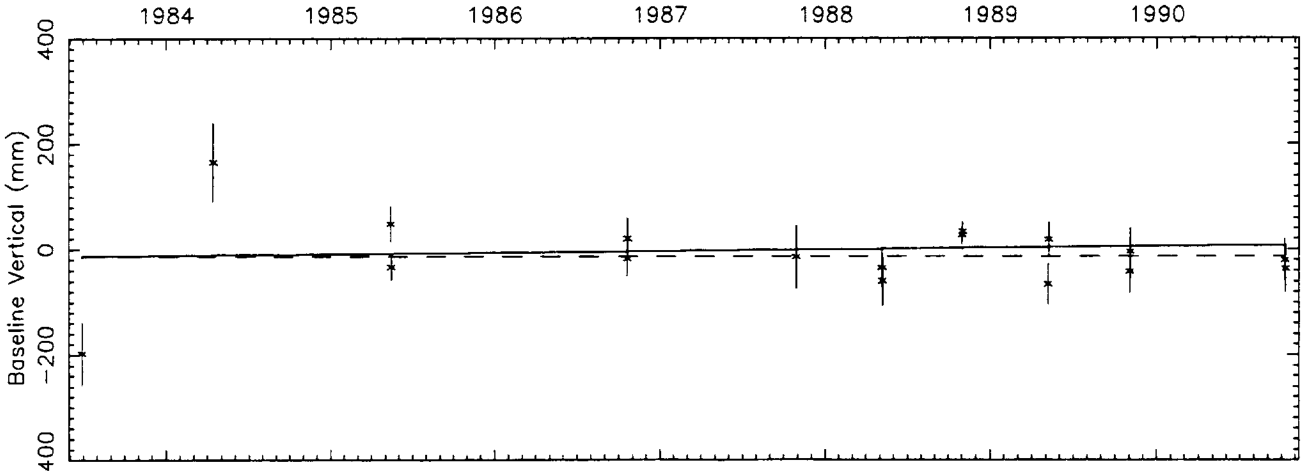


Observed Rate = 1.6 ± .8 mm/yr

NUVEL model rate = –.2 mm/yr

Wrms of fit = 5.8 mm

Reduced Chi square = 2.46



Observed Rate = 2.9 ± 6.9 mm/yr

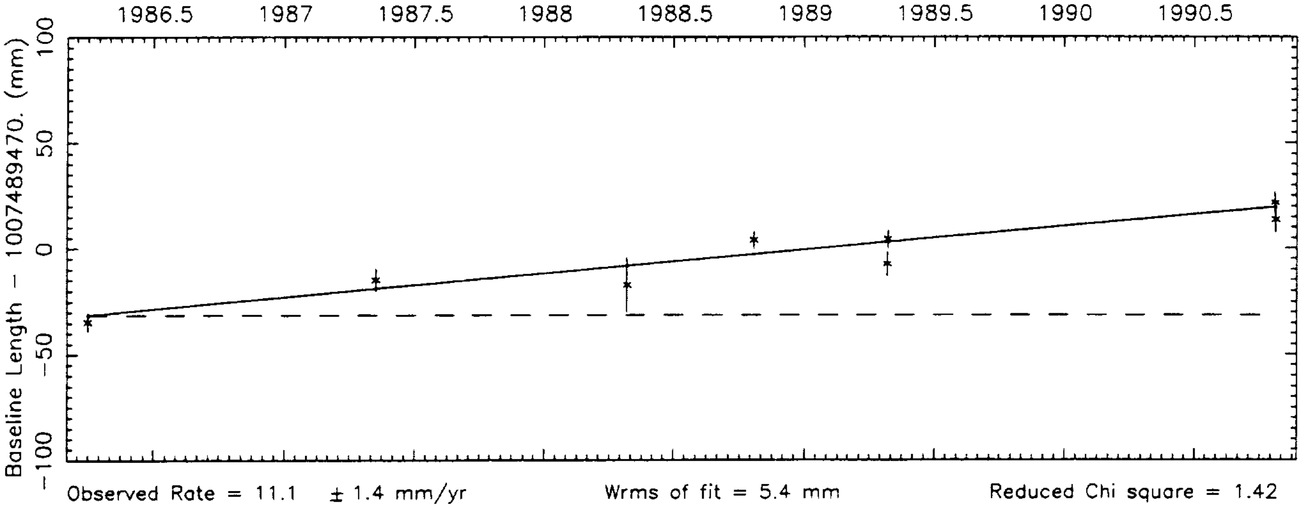
NUVEL model rate = .1 mm/yr

Wrms of fit = 45.5 mm

Reduced Chi square = 2.25

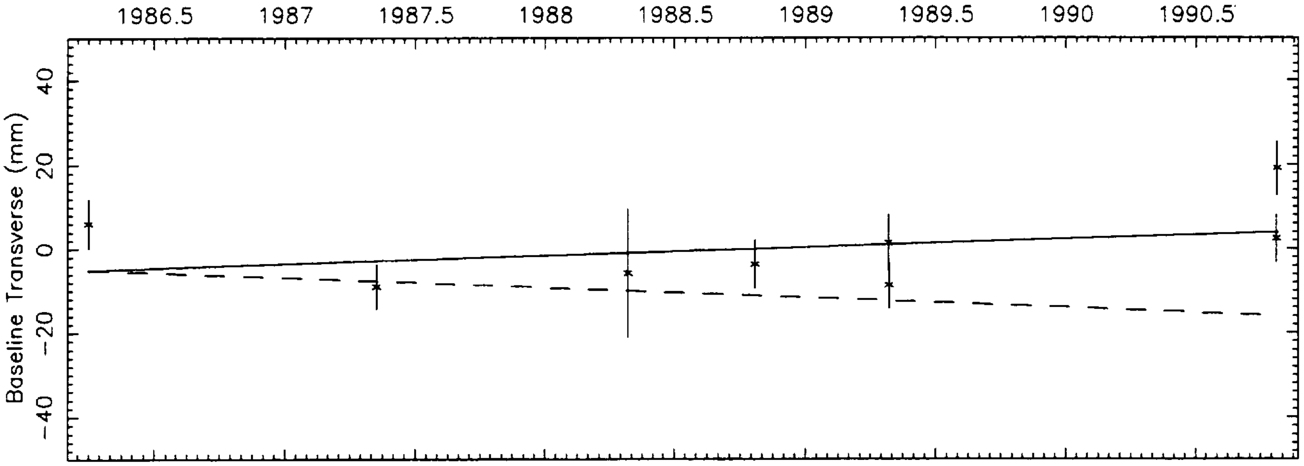
Vector baseline plots for HATCREEK–VERNAL

Baseline length = 1007 kilometers   Number of sessions = 8



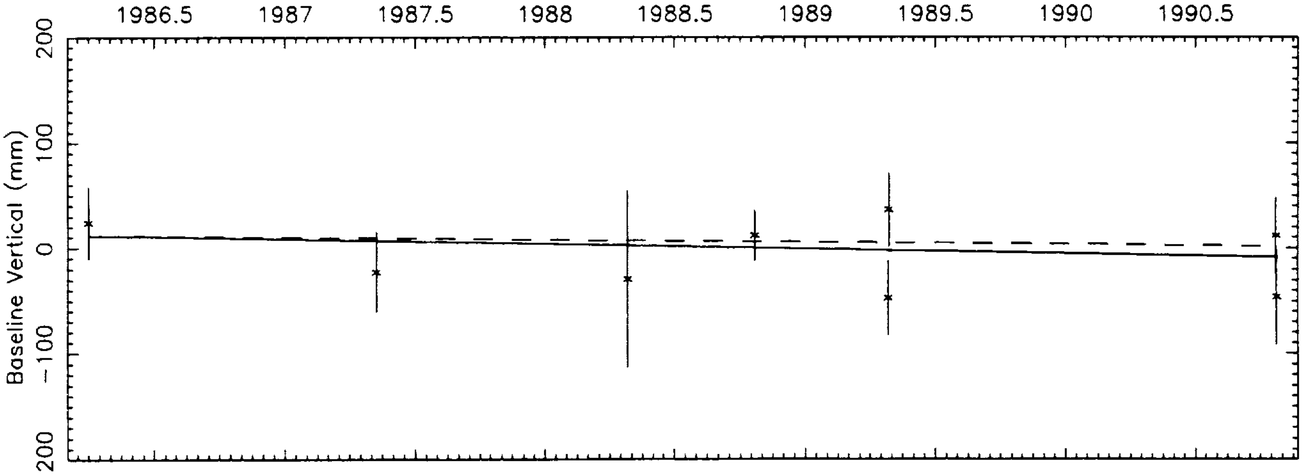
Observed Rate = 11.1 ± 1.4 mm/yr   Wrms of fit = 5.4 mm   Reduced Chi square = 1.42

NUVEL model rate = .0 mm/yr   Weighted mean length = 1007489466.5 mm



Observed Rate = 1.9 ± 2.2 mm/yr   Wrms of fit = 8.3 mm   Reduced Chi square = 2.33

NUVEL model rate = −2.4 mm/yr



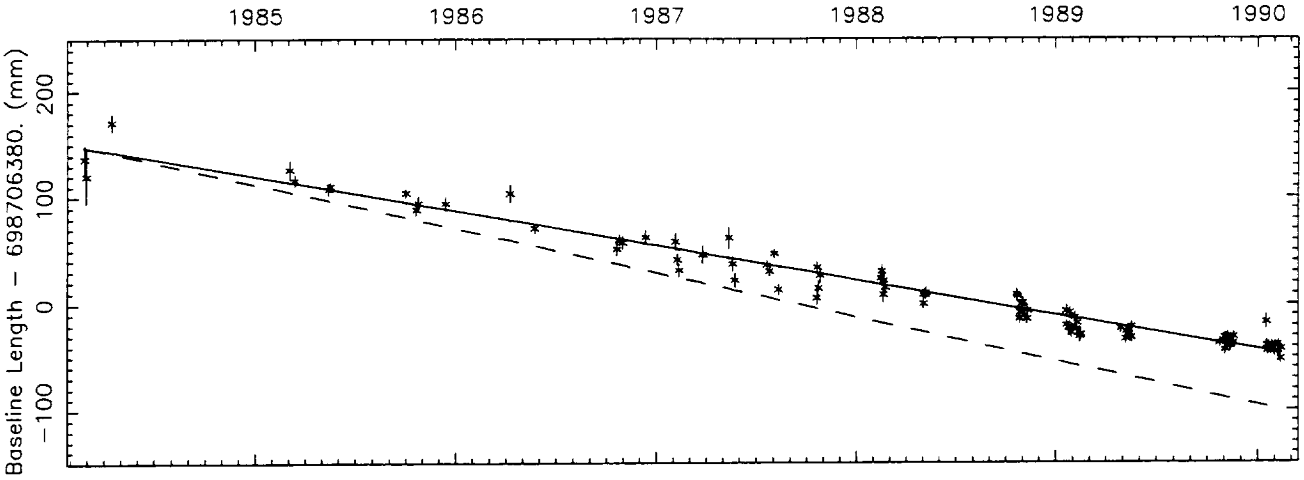
Observed Rate = −4.5 ± 8.1 mm/yr   Wrms of fit = 28.0 mm   Reduced Chi square = .82

NUVEL model rate = −2.2 mm/yr

Vector baseline plots for HATCREEK–VNDNBERG

Baseline length = 699 kilometers

Number of sessions = 92



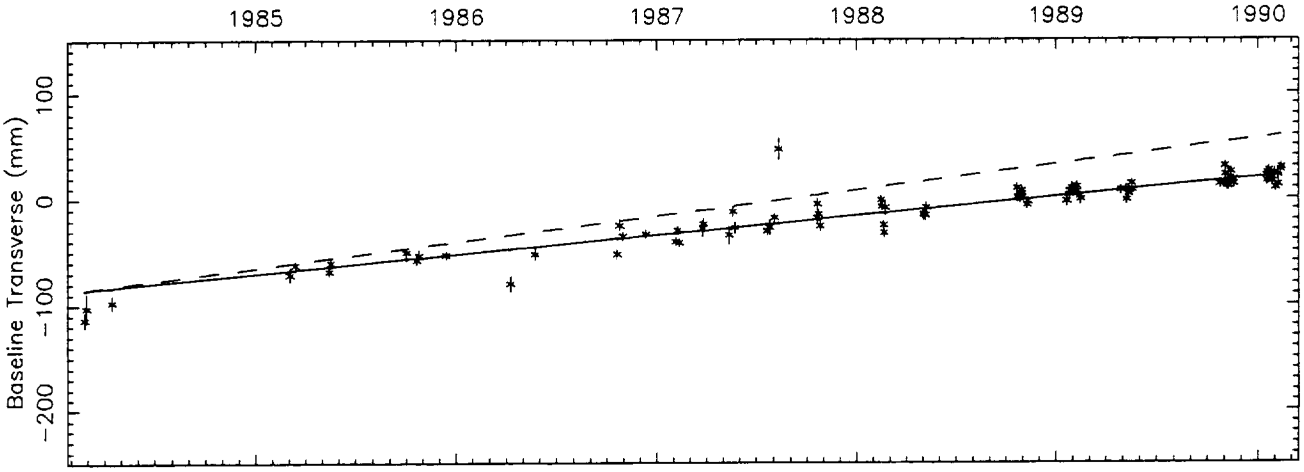
Observed Rate = −32.6 ± .6 mm/yr

NUVEL model rate = −41.6 mm/yr

Wrms of fit = 7.8 mm

Weighted mean length = 698706376.8 mm

Reduced Chi square = 3.04

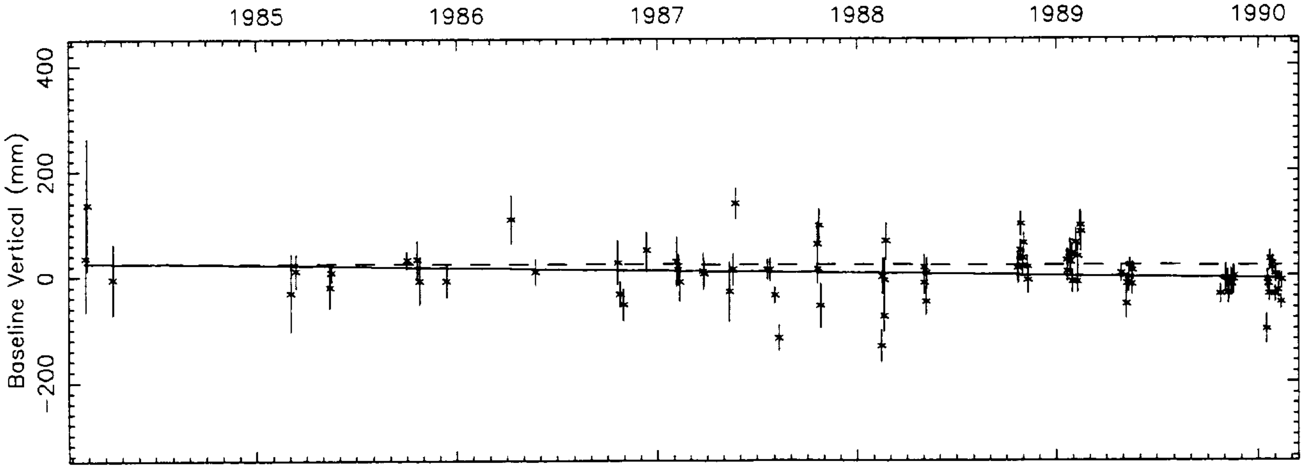


Observed Rate = 17.9 ± .5 mm/yr

NUVEL model rate = 24.2 mm/yr

Wrms of fit = 6.9 mm

Reduced Chi square = 4.10



Observed Rate = −5.3 ± 3.0 mm/yr

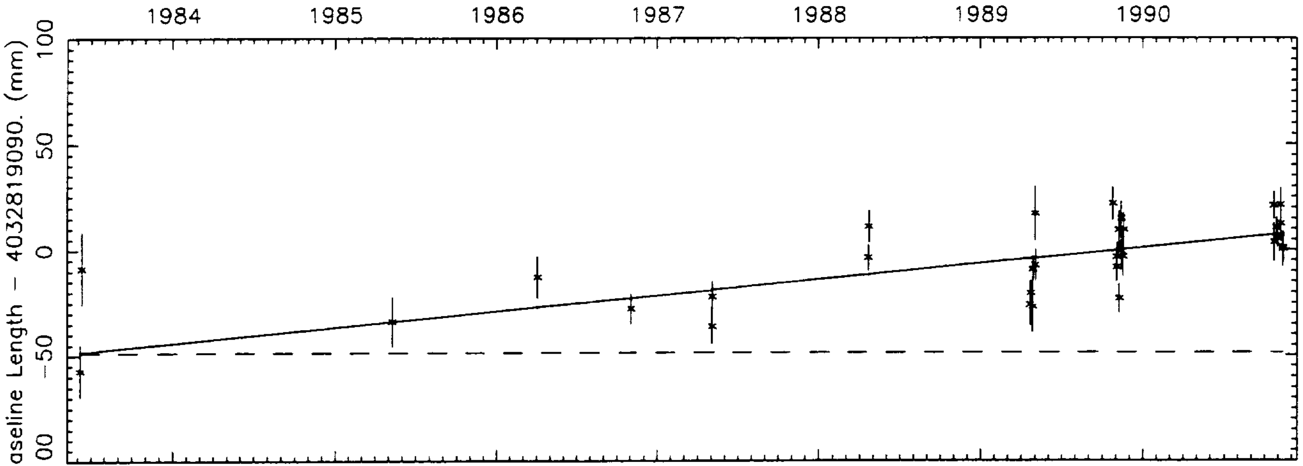
NUVEL model rate = −1.0 mm/yr

Wrms of fit = 36.3 mm

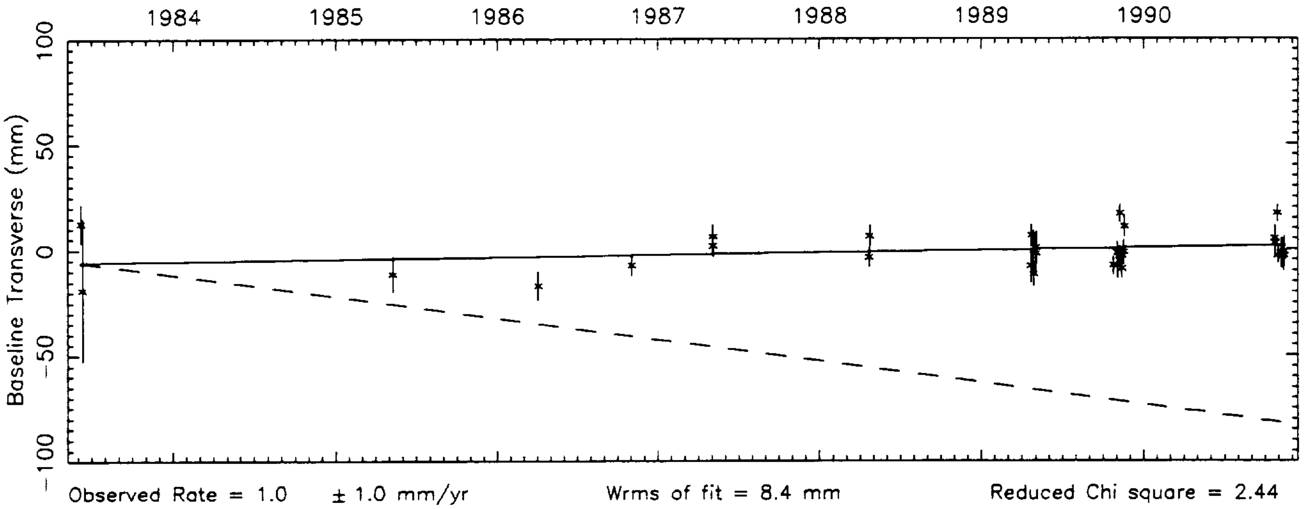
Reduced Chi square = 2.87

Vector baseline plots for HATCREEK–WESTFORD

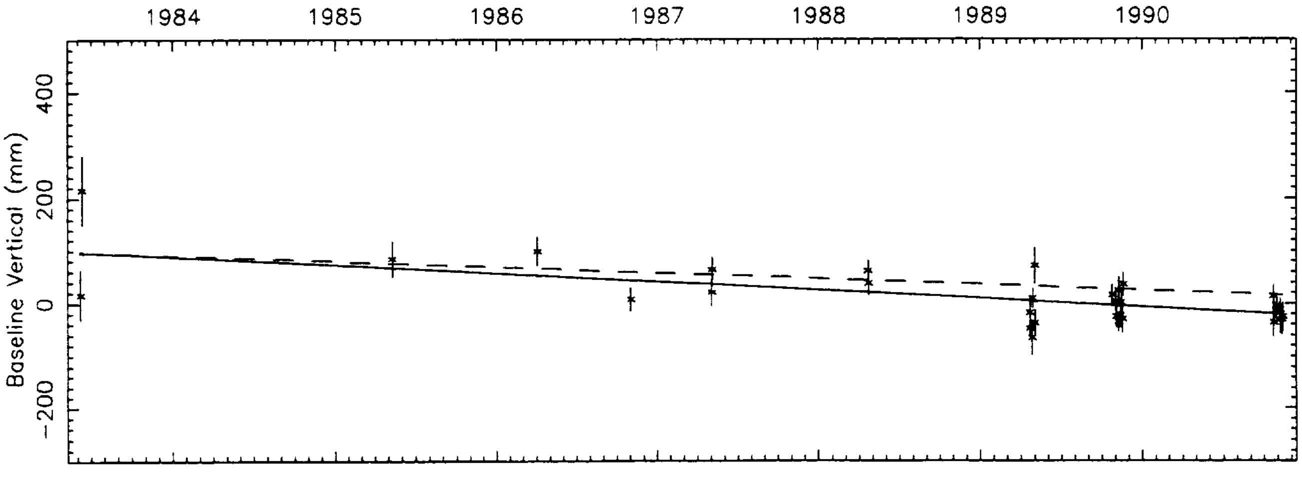
Baseline length = 4033 kilometers Number of sessions = 32



Observed Rate = 7.5 ± 1.4 mm/yr Wrms of fit = 11.9 mm Reduced Chi square = 2.74
NUVEL model rate = .0 mm/yr Weighted mean length = 4032819087.3 mm



Observed Rate = 1.0 ± 1.0 mm/yr Wrms of fit = 8.4 mm Reduced Chi square = 2.44
NUVEL model rate = −10.2 mm/yr

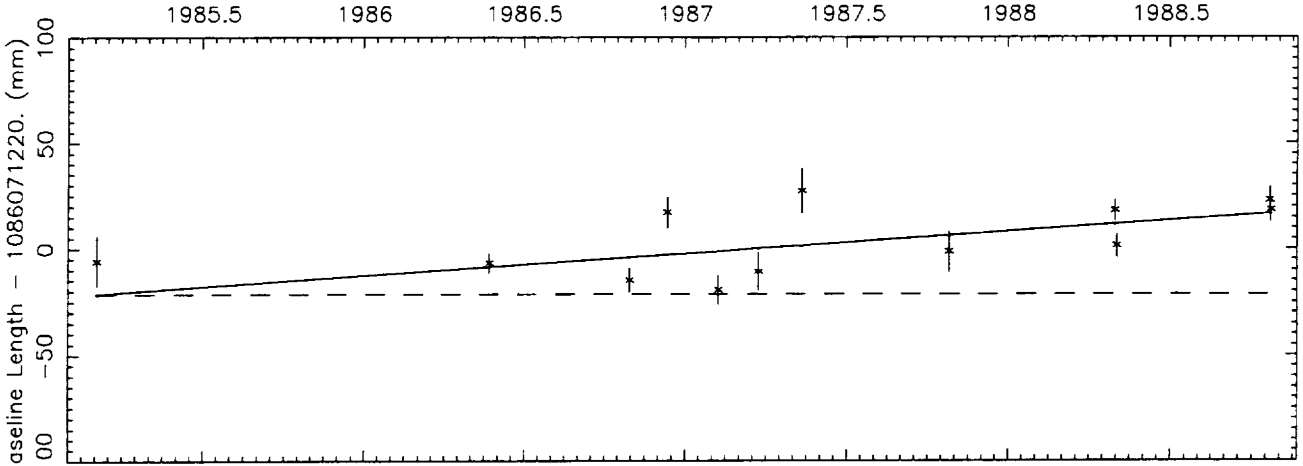


Observed Rate = −15.9 ± 3.9 mm/yr Wrms of fit = 29.9 mm Reduced Chi square = 1.91
NUVEL model rate = −11.0 mm/yr

Vector baseline plots for HATCREEK–YUMA

Baseline length = 1086 kilometers

Number of sessions = 12



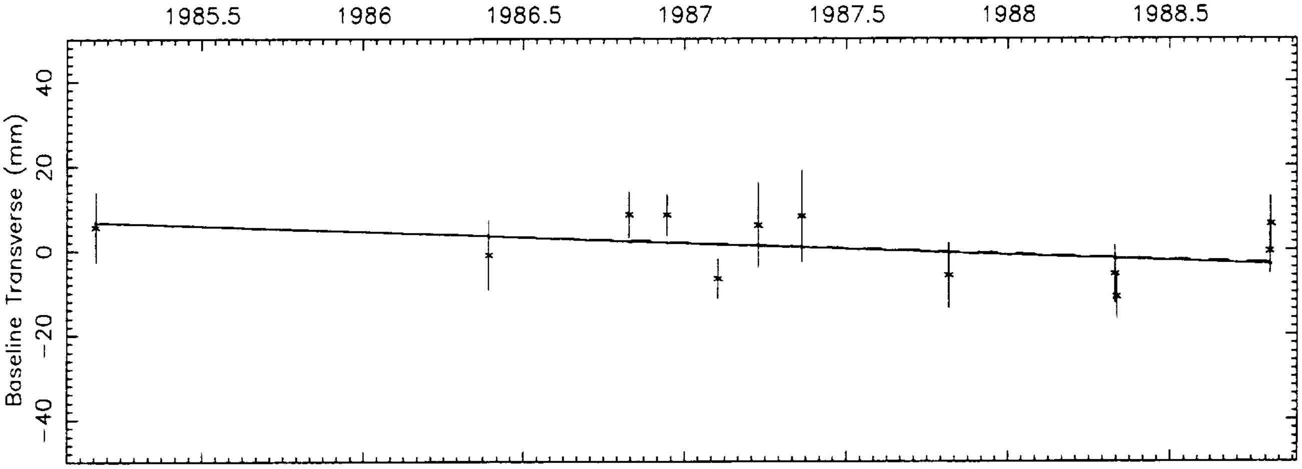
Observed Rate = 10.4 ± 3.6 mm/yr

Wrms of fit = 11.0 mm

Reduced Chi square = 3.49

NUVEL model rate = .0 mm/yr

Weighted mean length = 1086071223.4 mm

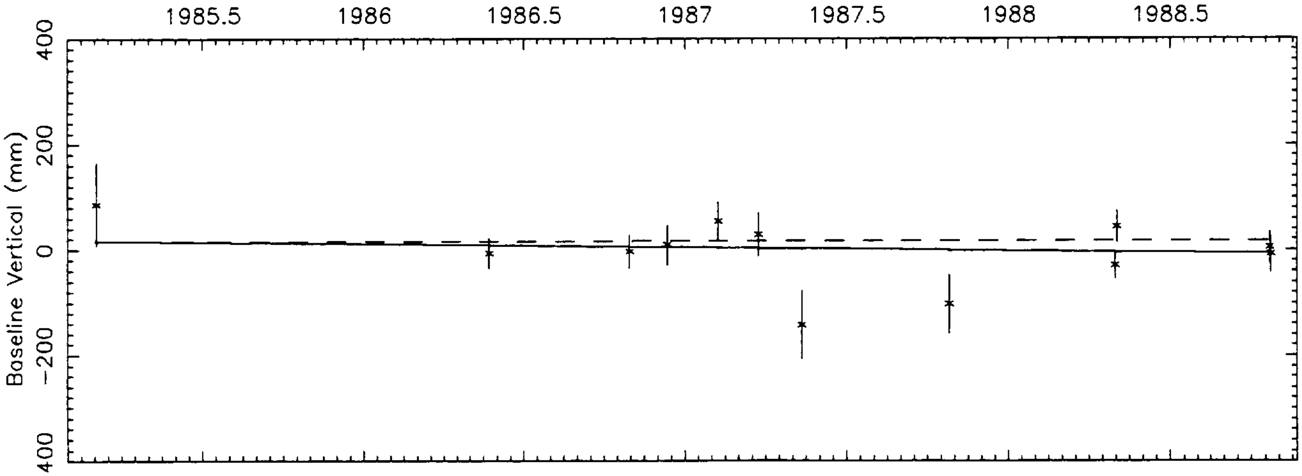


Observed Rate = −2.8 ± 2.2 mm/yr

Wrms of fit = 6.6 mm

Reduced Chi square = 1.33

NUVEL model rate = −2.7 mm/yr



Observed Rate = −6.3 ± 13.8 mm/yr

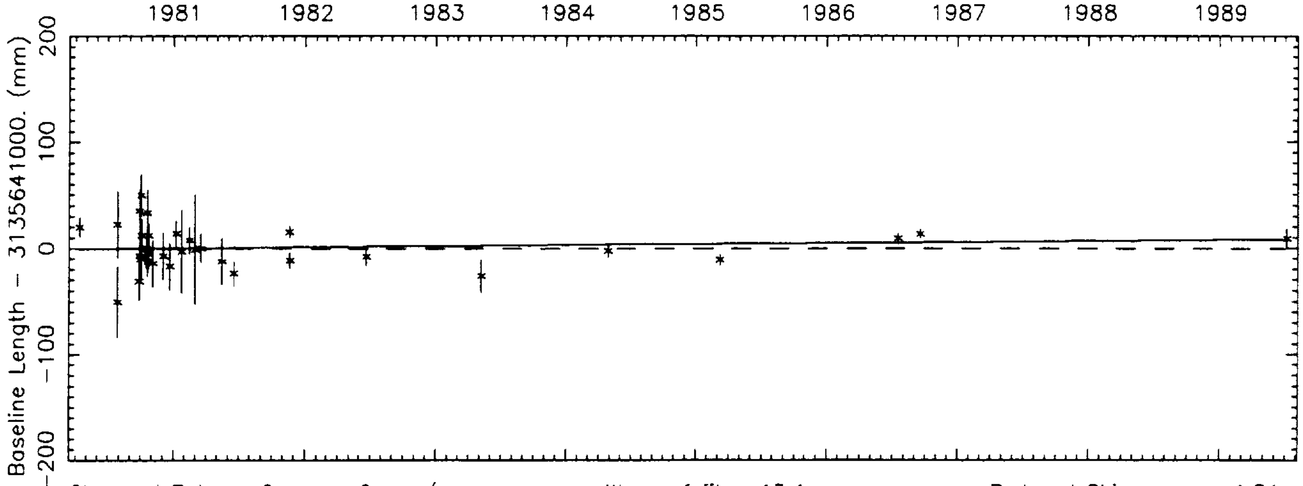
Wrms of fit = 40.3 mm

Reduced Chi square = 1.54

NUVEL model rate = .4 mm/yr

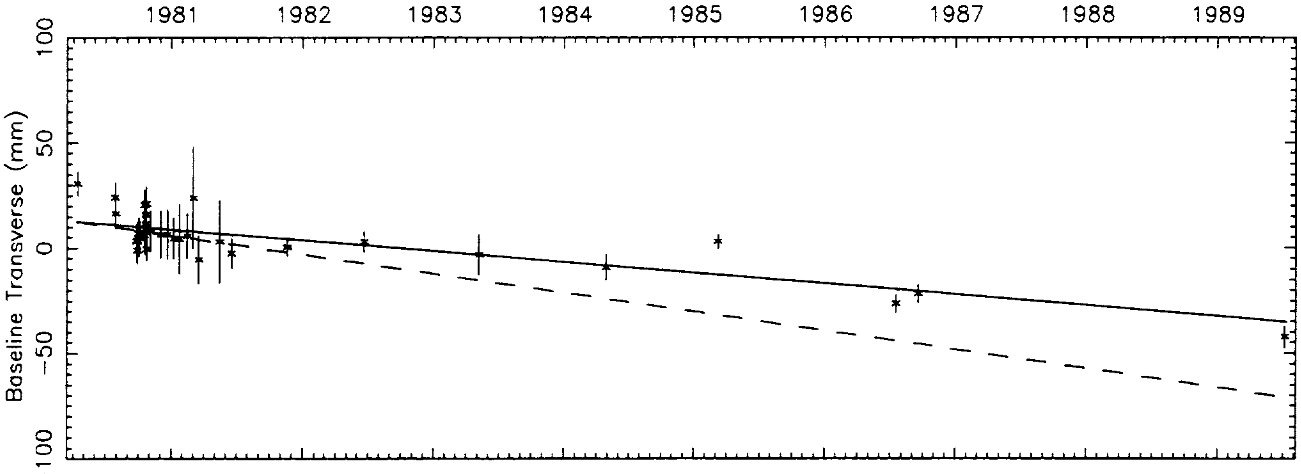
Vector baseline plots for HAYSTACK–HRAS 085

Baseline length = 3136 kilometers Number of sessions = 36



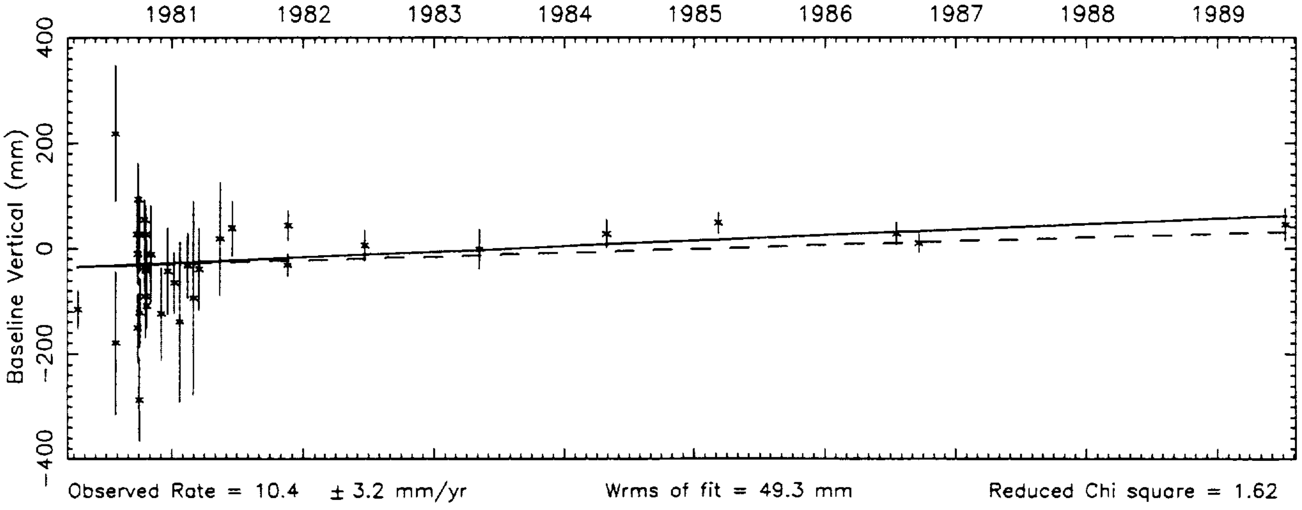
Observed Rate = .9 ± .9 mm/yr Wrms of fit = 13.4 mm Reduced Chi square = 1.84

NUVEL model rate = .0 mm/yr Weighted mean length = 3135641002.3 mm



Observed Rate = −5.1 ± .6 mm/yr Wrms of fit = 8.2 mm Reduced Chi square = 1.73

NUVEL model rate = −9.0 mm/yr



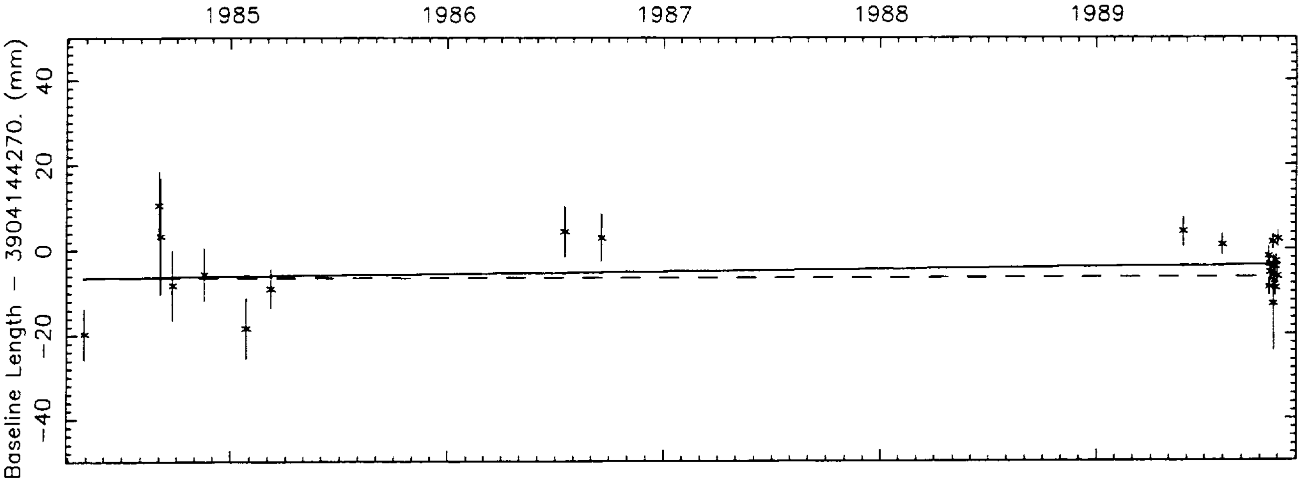
Observed Rate = 10.4 ± 3.2 mm/yr Wrms of fit = 49.3 mm Reduced Chi square = 1.62

NUVEL model rate = 7.1 mm/yr

Vector baseline plots for HAYSTACK–MOJAVE12

Baseline length = 3904 kilometers

Number of sessions = 24



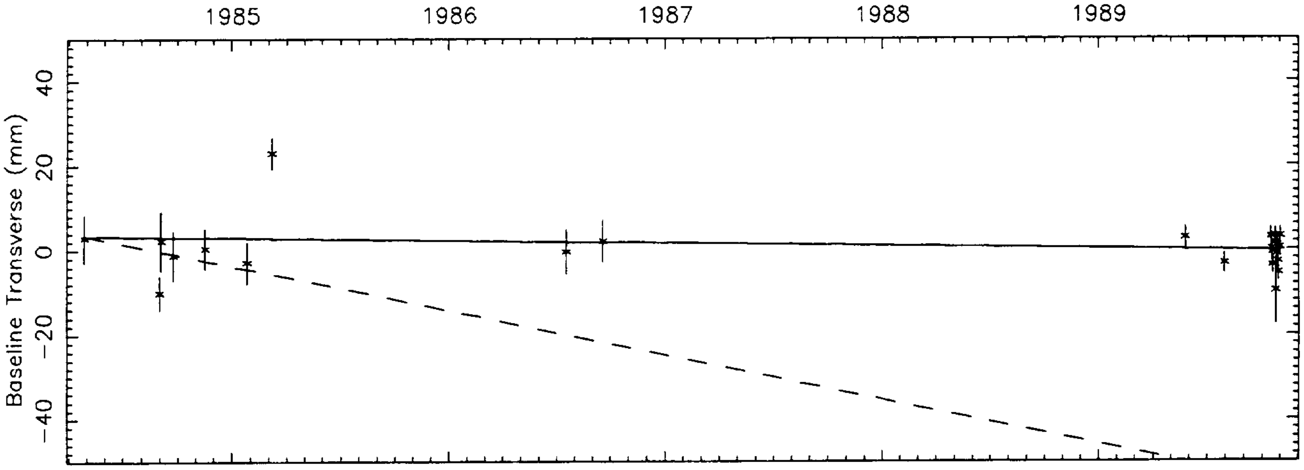
Observed Rate = .5 ± .9 mm/yr

Wrms of fit = 4.4 mm

Reduced Chi square = 3.38

NUVEL model rate = .0 mm/yr

Weighted mean length = 3904144266.1 mm

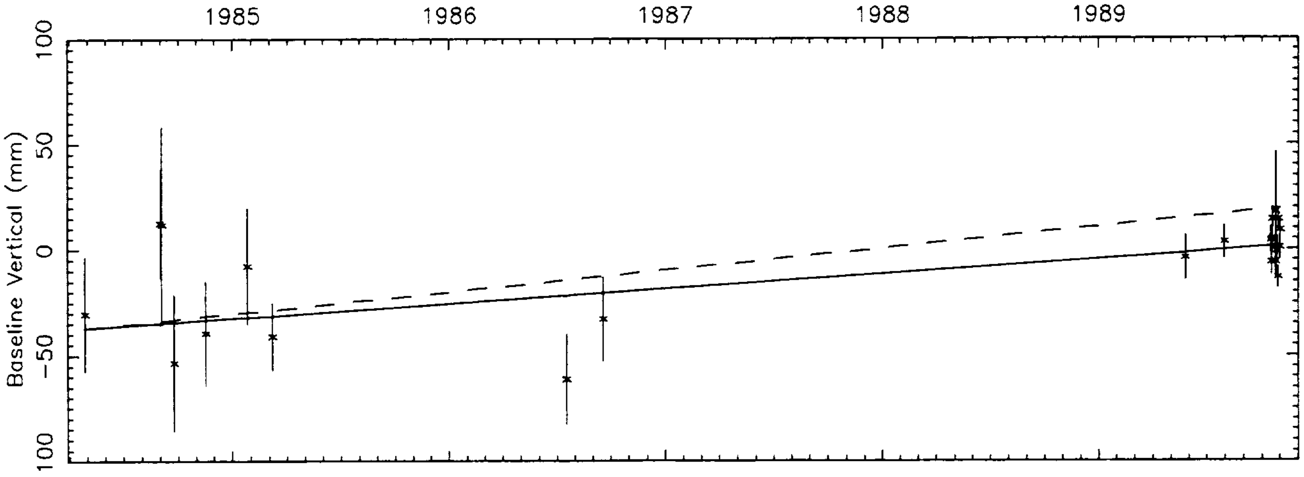


Observed Rate = –.7 ± .7 mm/yr

Wrms of fit = 4.3 mm

Reduced Chi square = 3.13

NUVEL model rate = –10.5 mm/yr



Observed Rate = 7.0 ± 2.3 mm/yr

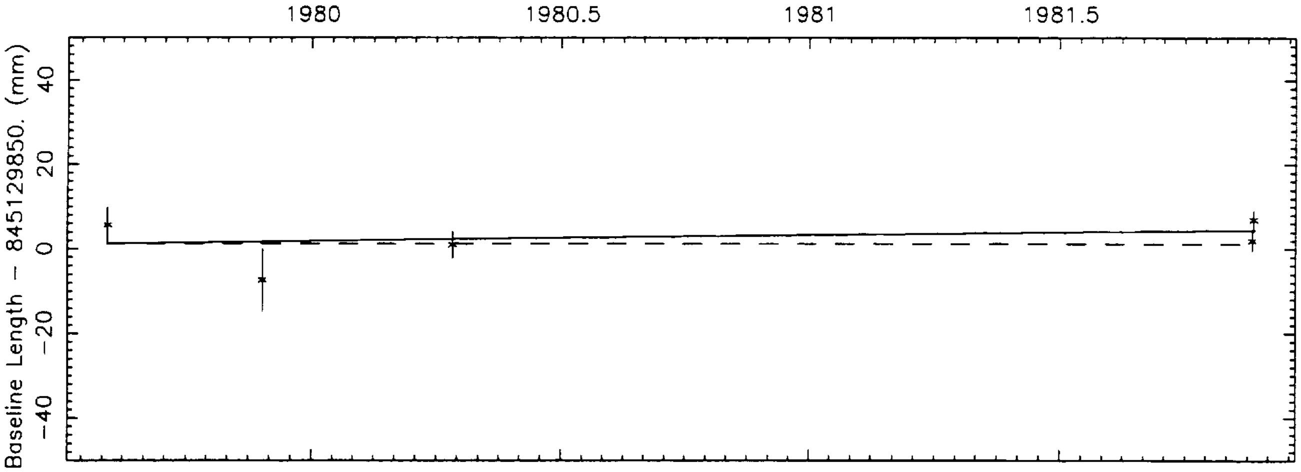
Wrms of fit = 9.4 mm

Reduced Chi square = 1.70

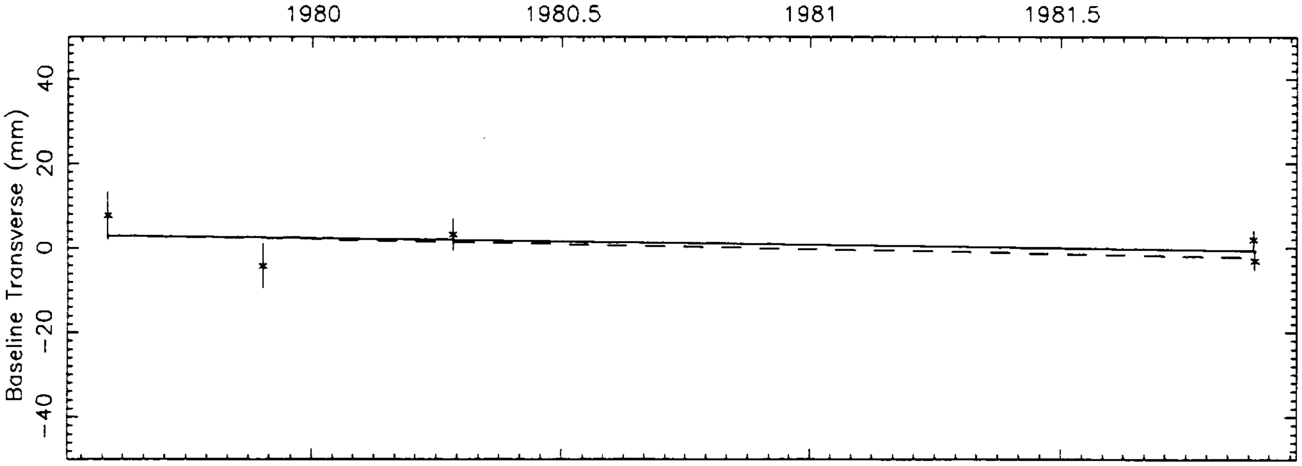
NUVEL model rate = 10.3 mm/yr

Vector baseline plots for HAYSTACK−NRAO 140

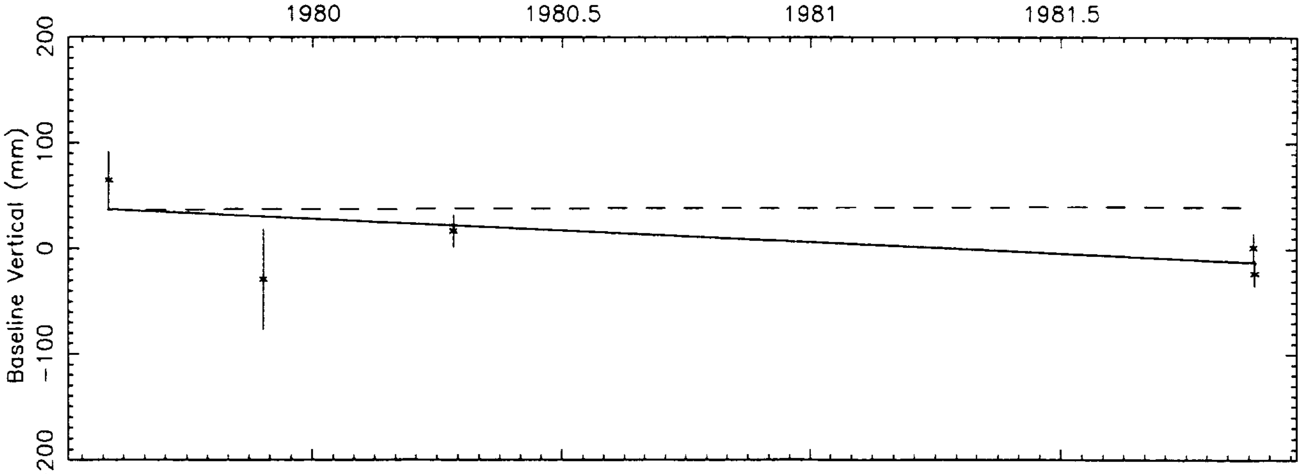
Baseline length = 845 kilometers   Number of sessions = 5



Observed Rate = 1.4 ± 2.0 mm/yr   Wrms of fit = 3.0 mm   Reduced Chi square = 1.61
NUVEL model rate = .0 mm/yr   Weighted mean length = 845129853.6 mm



Observed Rate = −1.6 ± 2.1 mm/yr   Wrms of fit = 3.0 mm   Reduced Chi square = 1.67
NUVEL model rate = −2.3 mm/yr

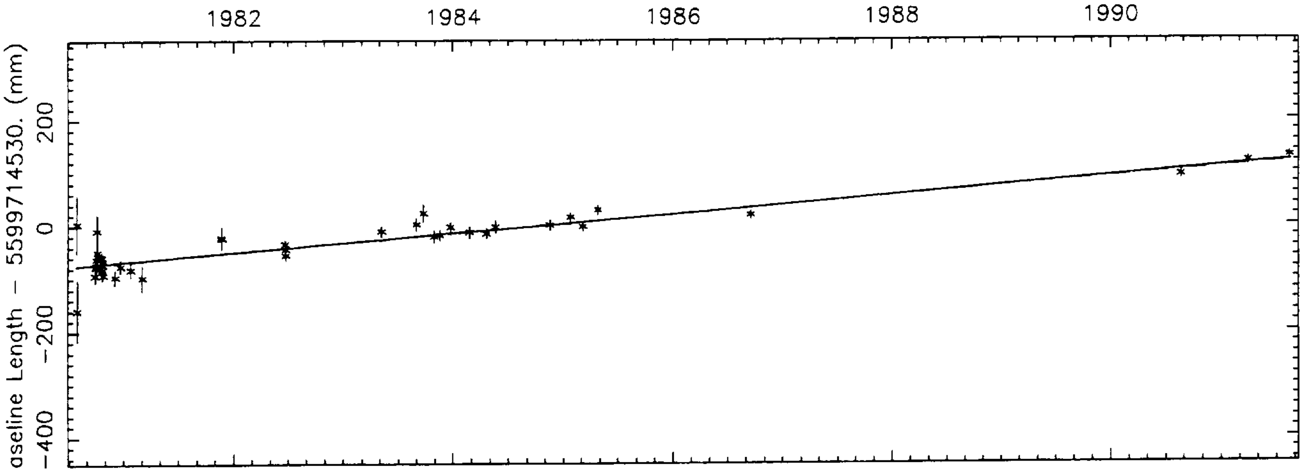


Observed Rate = −21.6 ± 10.6 mm/yr   Wrms of fit = 15.8 mm   Reduced Chi square = 1.53
NUVEL model rate = 1.5 mm/yr

Vector baseline plots for HAYSTACK–ONSALA60

Baseline length = 5600 kilometers

Number of sessions = 42



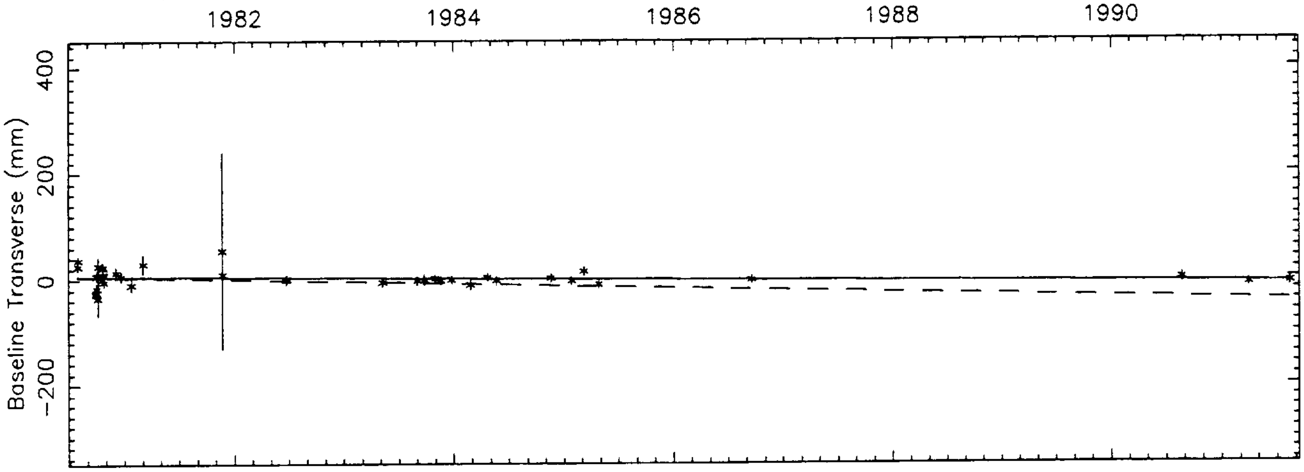
Observed Rate = 17.7 ± .5 mm/yr

NUVEL model rate = 17.6 mm/yr

Wrms of fit = 13.3 mm

Weighted mean length = 5599714533.7 mm

Reduced Chi square = 2.21

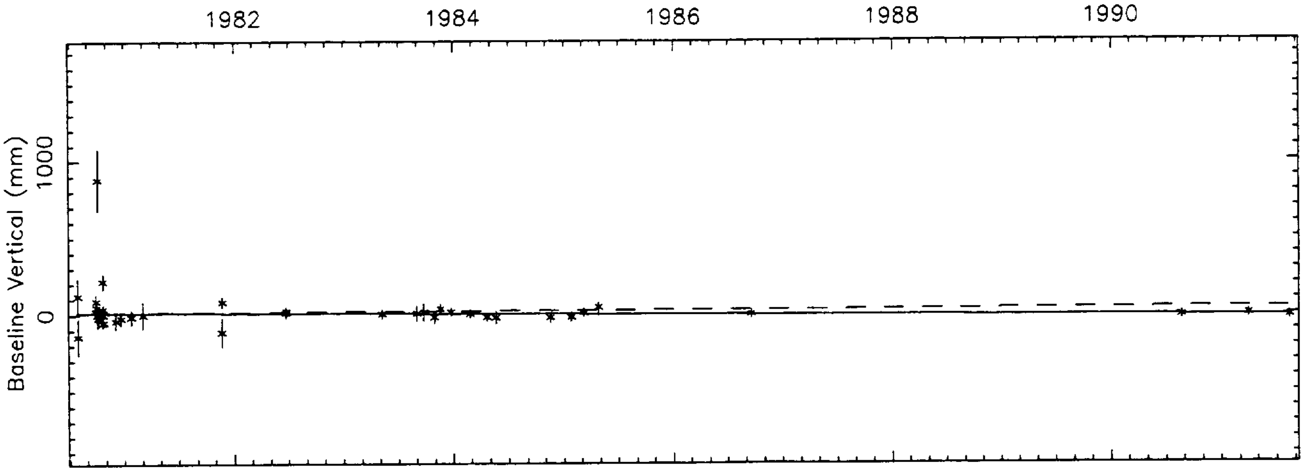


Observed Rate = –1.4 ± .4 mm/yr

NUVEL model rate = –4.3 mm/yr

Wrms of fit = 9.8 mm

Reduced Chi square = 2.61



Observed Rate = –2.4 ± 1.3 mm/yr

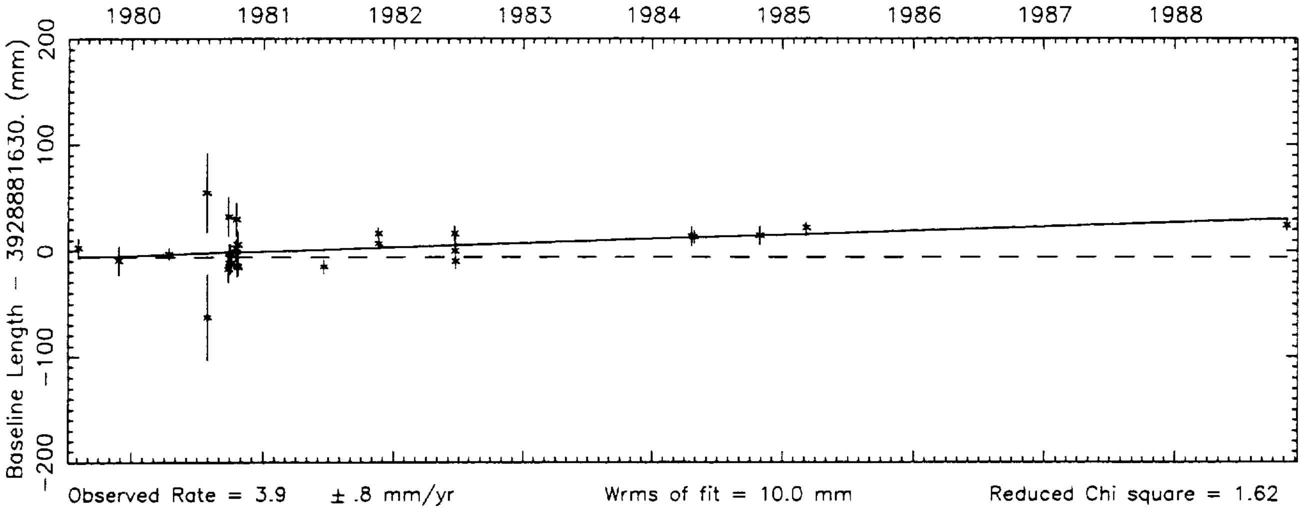
NUVEL model rate = 2.6 mm/yr

Wrms of fit = 33.7 mm

Reduced Chi square = 1.82

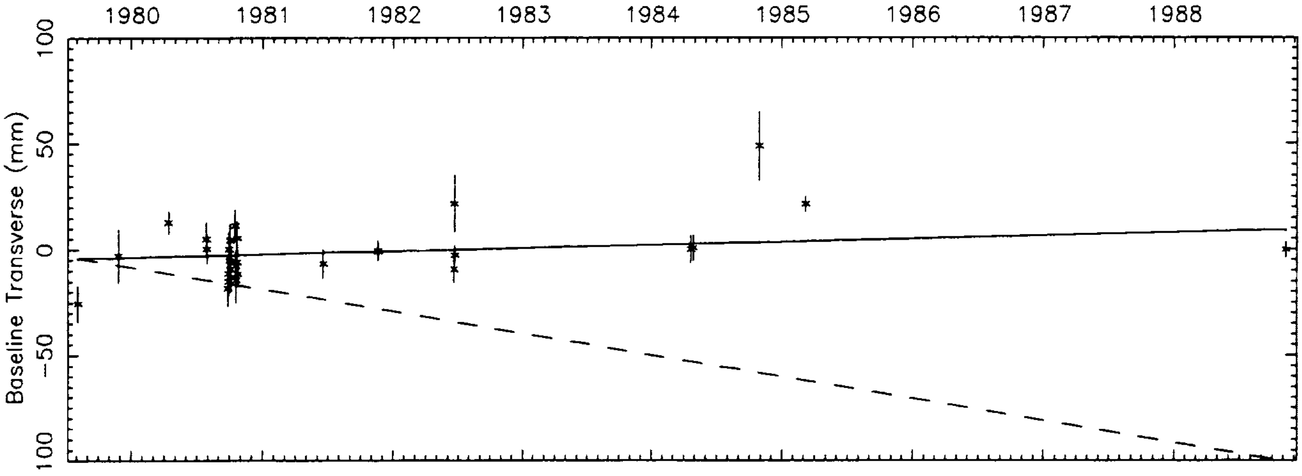
Vector baseline plots for HAYSTACK-OVRO 130

Baseline length = 3929 kilometers Number of sessions = 29



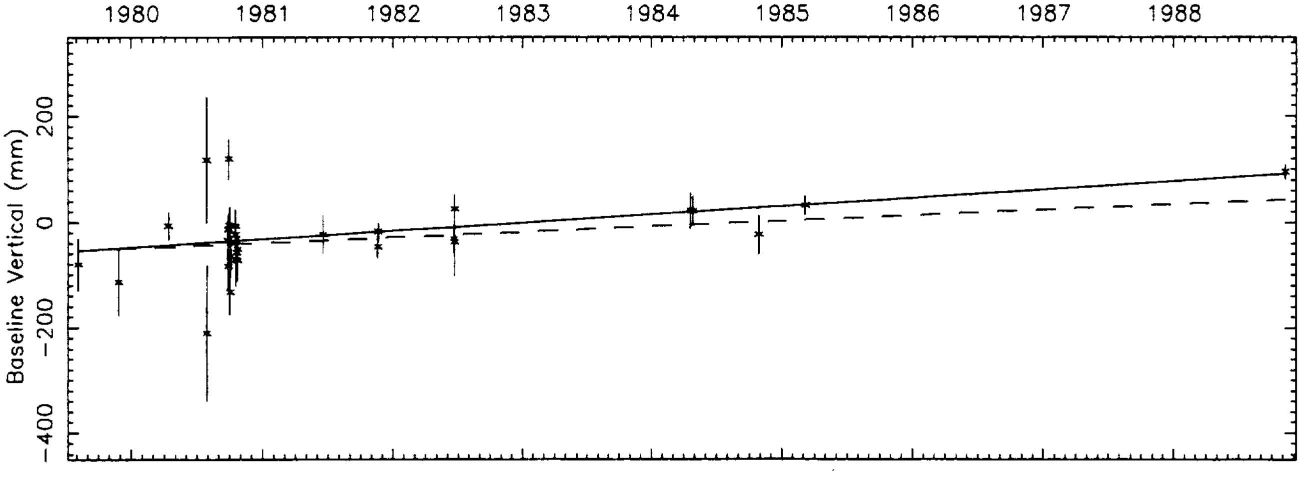
Observed Rate = 3.9 ± .8 mm/yr Wrms of fit = 10.0 mm Reduced Chi square = 1.62

NUVEL model rate = .0 mm/yr Weighted mean length = 3928881634.9 mm



Observed Rate = 1.4 ± .8 mm/yr Wrms of fit = 10.2 mm Reduced Chi square = 2.88

NUVEL model rate = −10.4 mm/yr



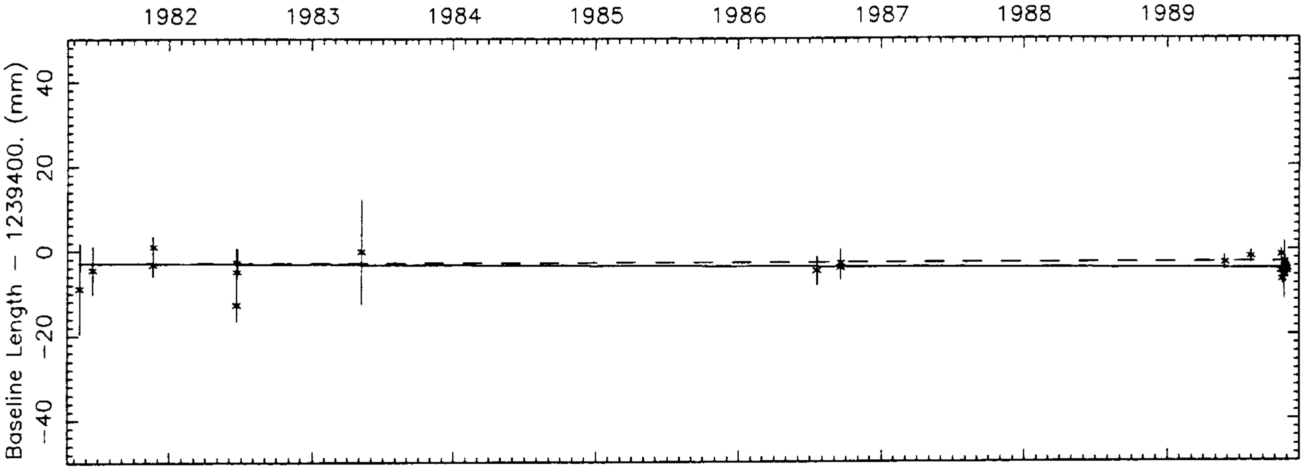
Observed Rate = 15.7 ± 2.3 mm/yr Wrms of fit = 35.2 mm Reduced Chi square = 1.54

NUVEL model rate = 10.5 mm/yr

Vector baseline plots for HAYSTACK-WESTFORD

Baseline length = 1 kilometers

Number of sessions = 26



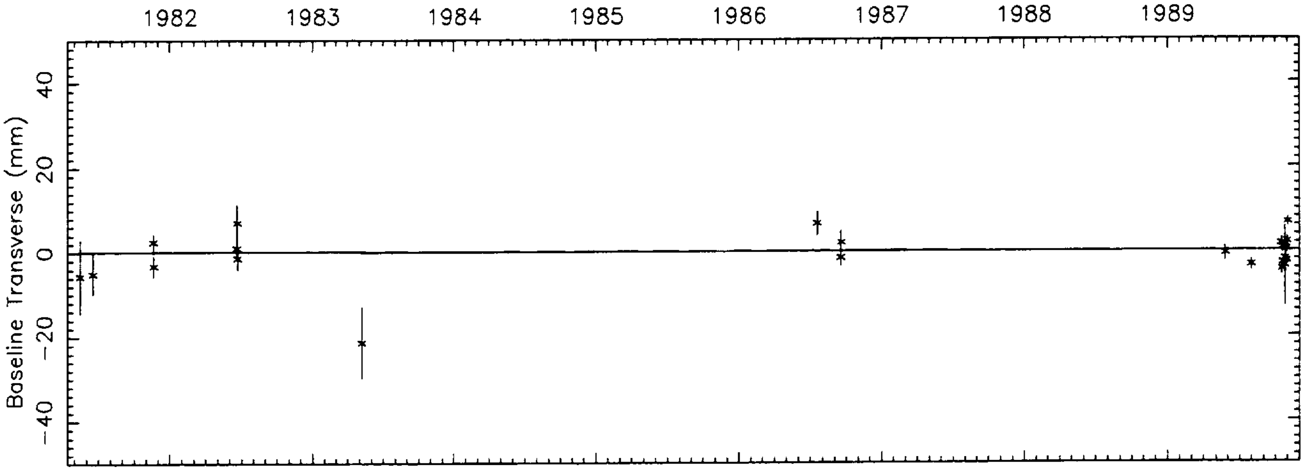
Observed Rate = -.2 ± .2 mm/yr

Wrms of fit = 1.6 mm

Reduced Chi square = 1.34

NUVEL model rate = .0 mm/yr

Weighted mean length = 1239395.6 mm

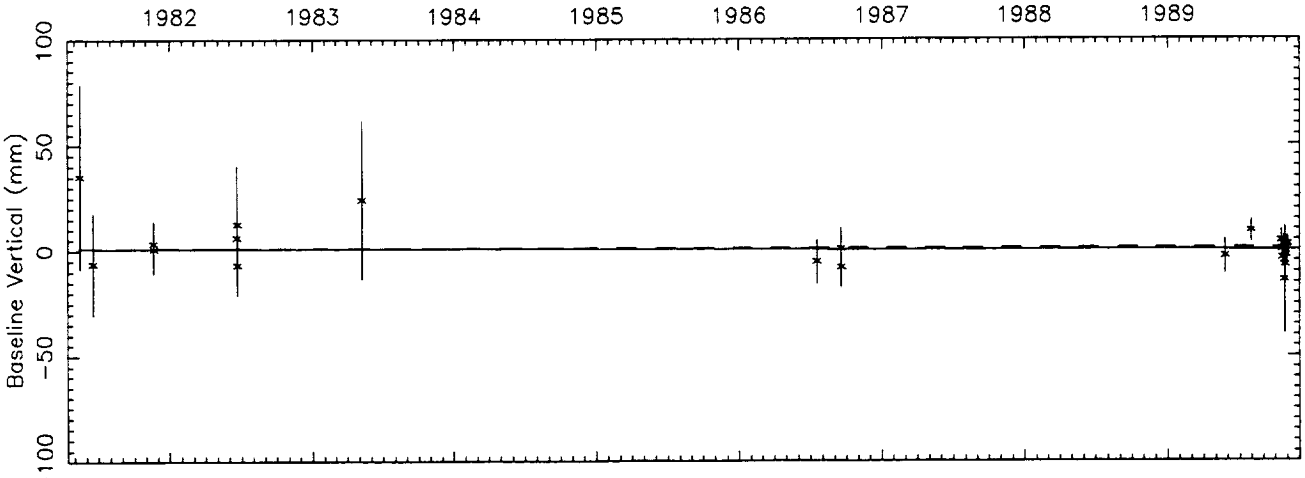


Observed Rate = .0 ± .3 mm/yr

Wrms of fit = 2.9 mm

Reduced Chi square = 4.69

NUVEL model rate = .0 mm/yr



Observed Rate = -.1 ± .6 mm/yr

Wrms of fit = 4.3 mm

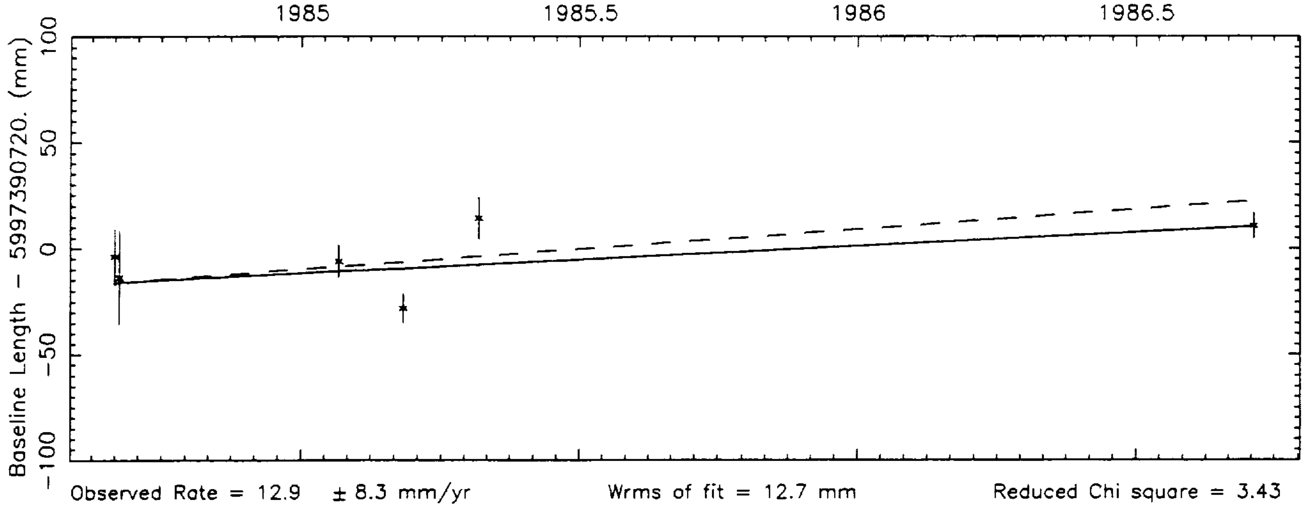
Reduced Chi square = .69

NUVEL model rate = .0 mm/yr

Vector baseline plots for HAYSTACK–WETTZELL

Baseline length = 5997 kilometers

Number of sessions = 6



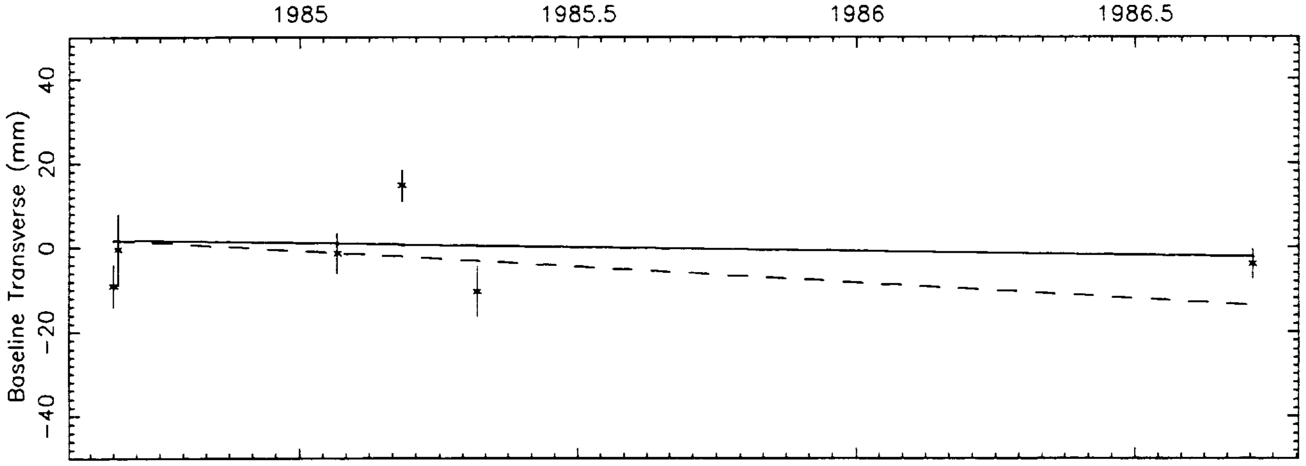
Observed Rate = 12.9 ± 8.3 mm/yr

Wrms of fit = 12.7 mm

Reduced Chi square = 3.43

NUVEL model rate = 18.9 mm/yr

Weighted mean length = 5997390716.1 mm

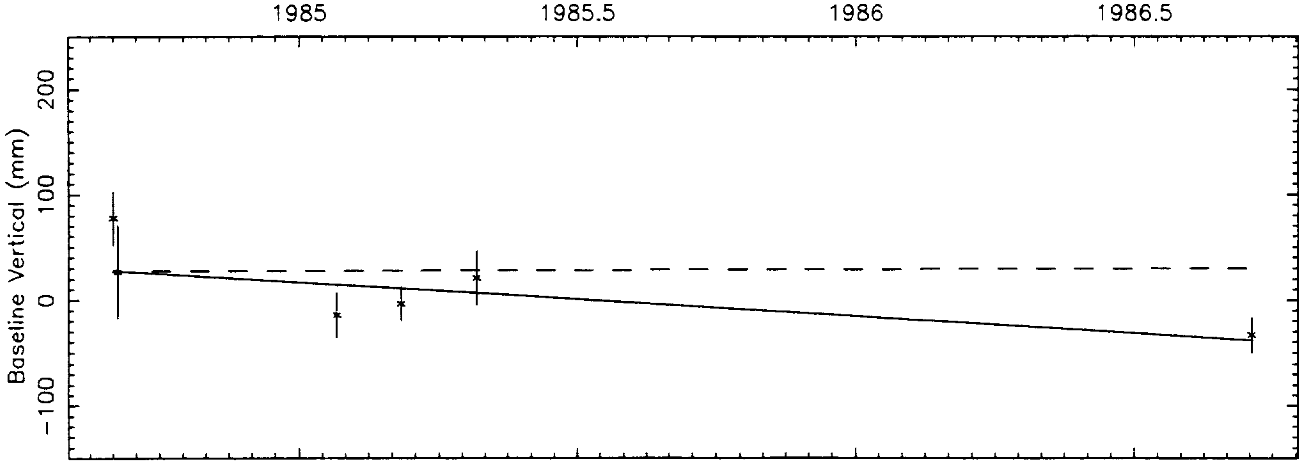


Observed Rate = –1.9 ± 5.8 mm/yr

Wrms of fit = 9.0 mm

Reduced Chi square = 5.60

NUVEL model rate = –7.5 mm/yr



Observed Rate = –32.1 ± 15.2 mm/yr

Wrms of fit = 23.0 mm

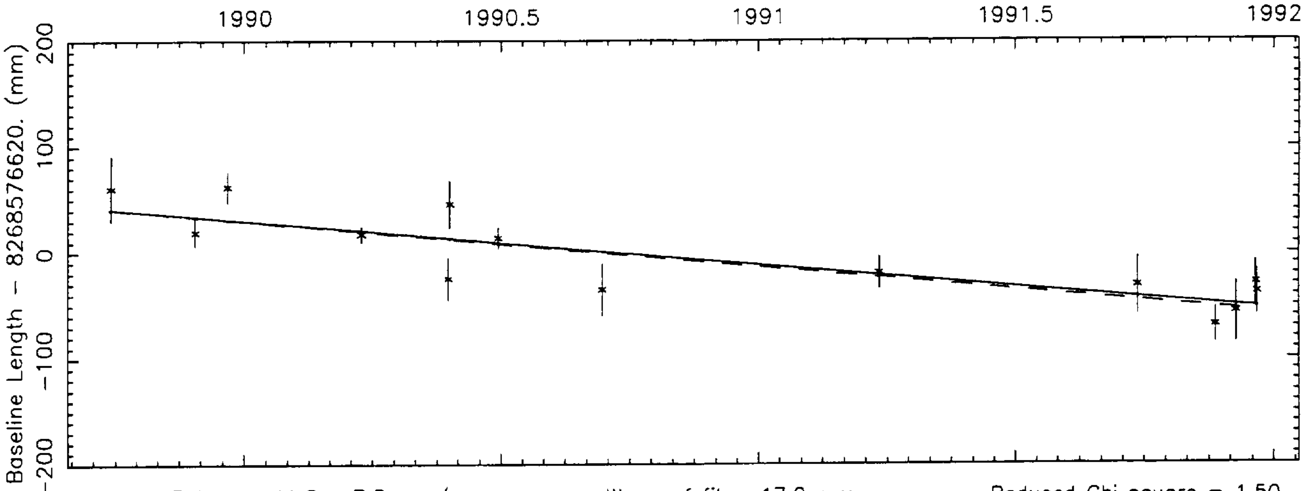
Reduced Chi square = 1.73

NUVEL model rate = 1.4 mm/yr

Vector baseline plots for HOBART26-KAUAI

Baseline length = 8269 kilometers

Number of sessions = 14



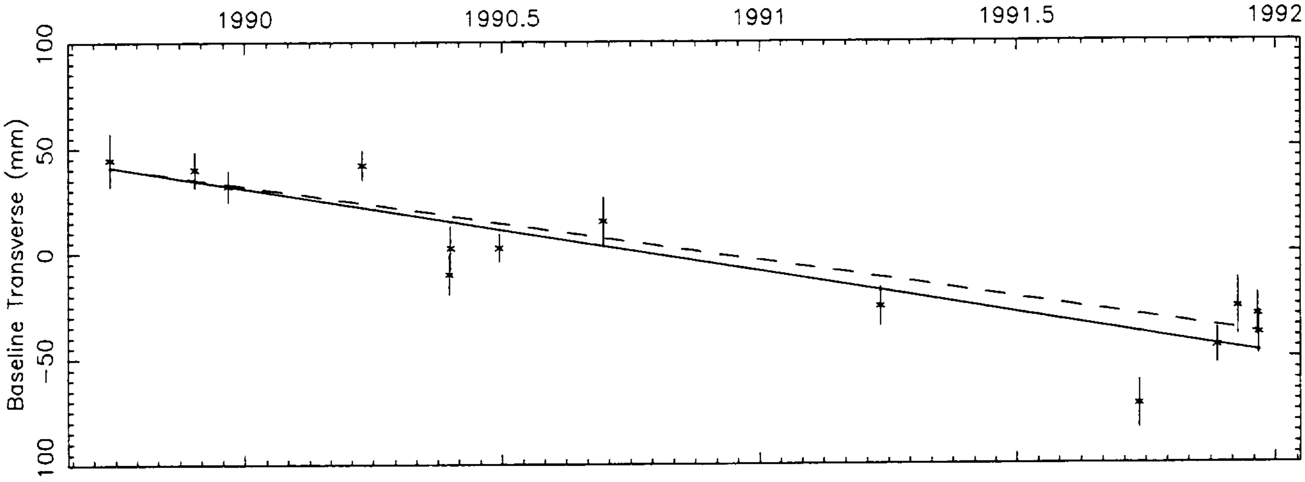
Observed Rate = -41.8 ± 7.3 mm/yr

NUVEL model rate = -43.3 mm/yr

Wrms of fit = 17.2 mm

Weighted mean length = 8268576624.9 mm

Reduced Chi square = 1.50

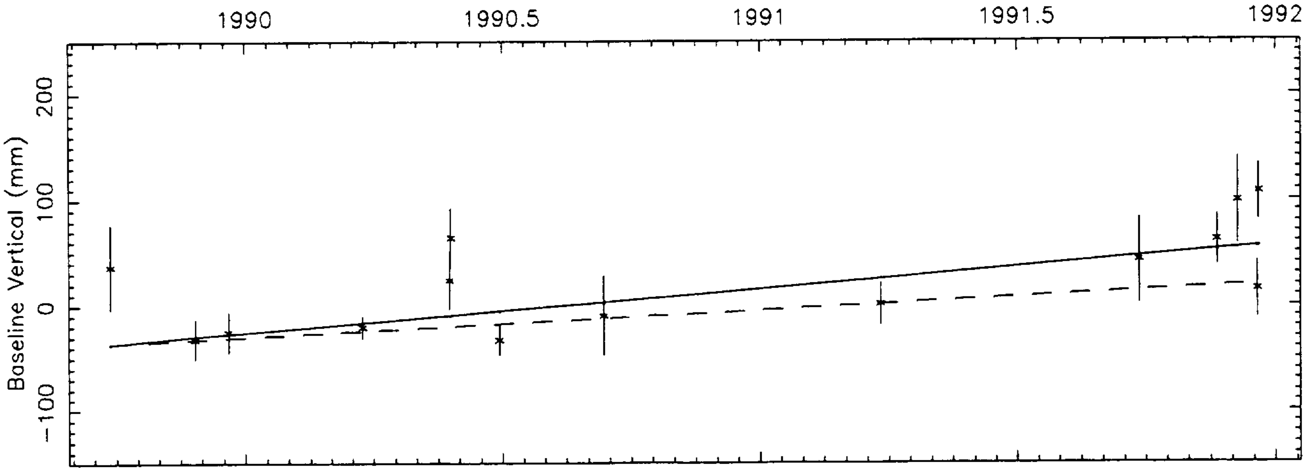


Observed Rate = -39.6 ± 5.4 mm/yr

NUVEL model rate = -35.5 mm/yr

Wrms of fit = 14.6 mm

Reduced Chi square = 2.96



Observed Rate = 41.2 ± 11.5 mm/yr

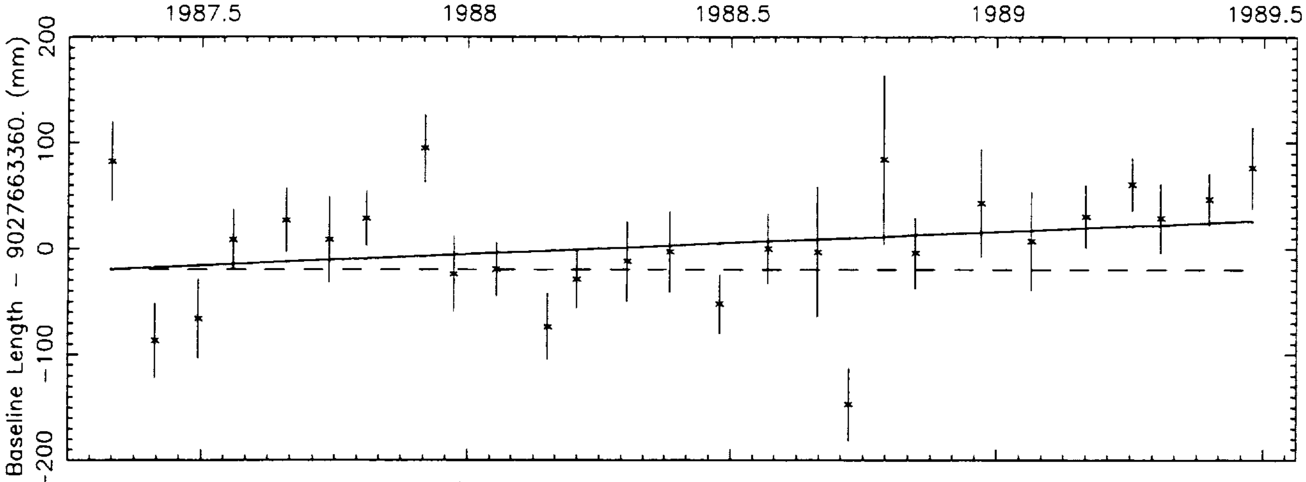
NUVEL model rate = 25.0 mm/yr

Wrms of fit = 27.9 mm

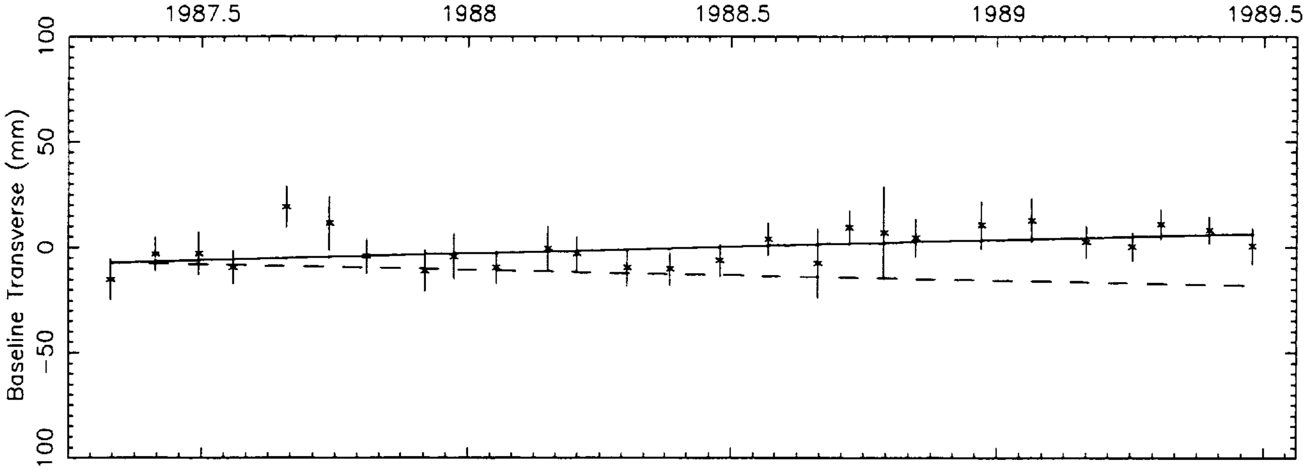
Reduced Chi square = 2.04

Vector baseline plots for HRAS 085–KASHIMA

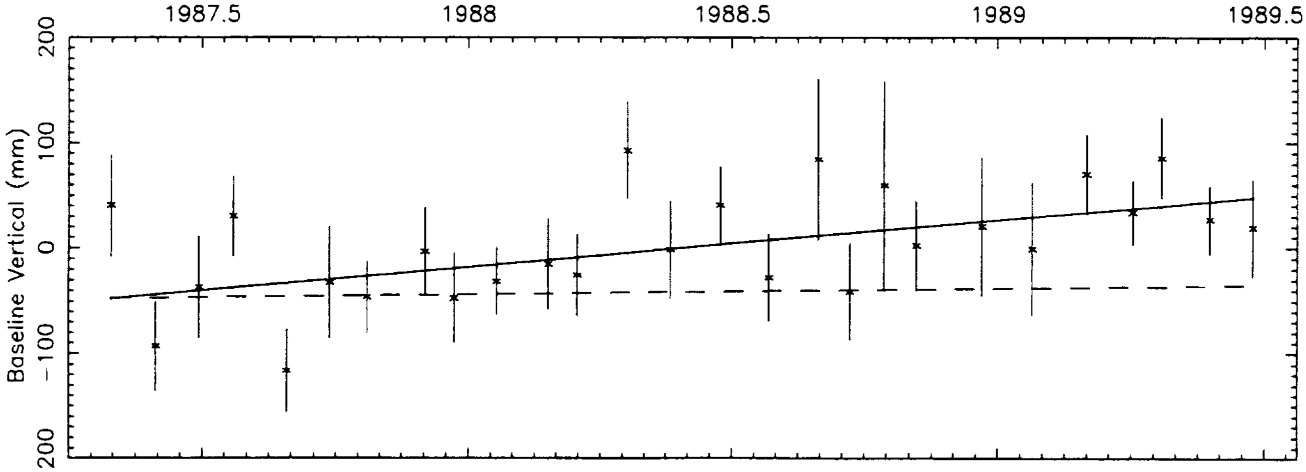
Baseline length = 9028 kilometers Number of sessions = 27



Observed Rate = 21.2 ± 15.7 mm/yr Wrms of fit = 51.6 mm Reduced Chi square = 2.66
NUVEL model rate = .0 mm/yr Weighted mean length = 9027663362.8 mm



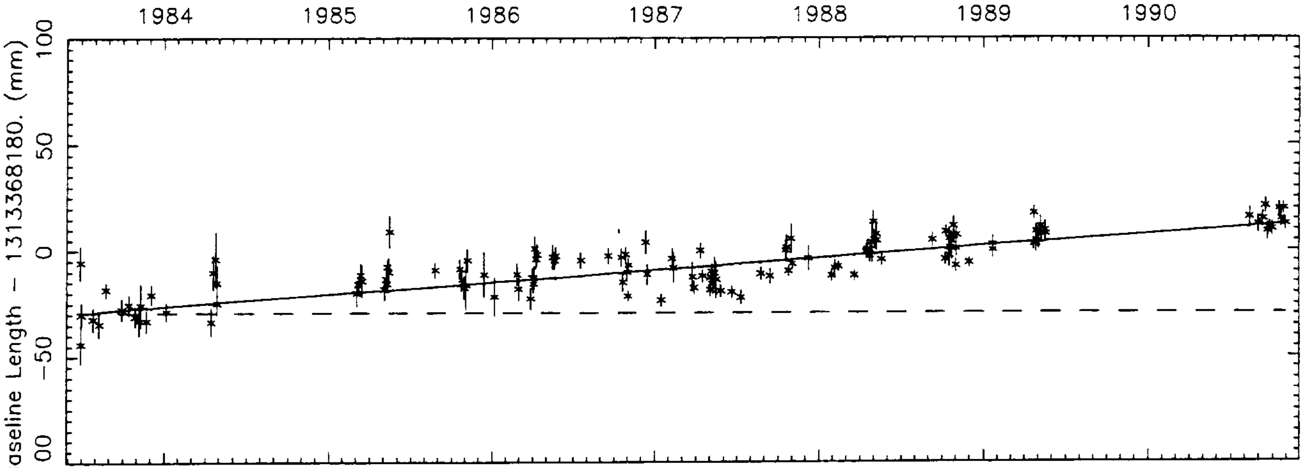
Observed Rate = 6.2 ± 2.1 mm/yr Wrms of fit = 7.2 mm Reduced Chi square = .72
NUVEL model rate = −5.2 mm/yr



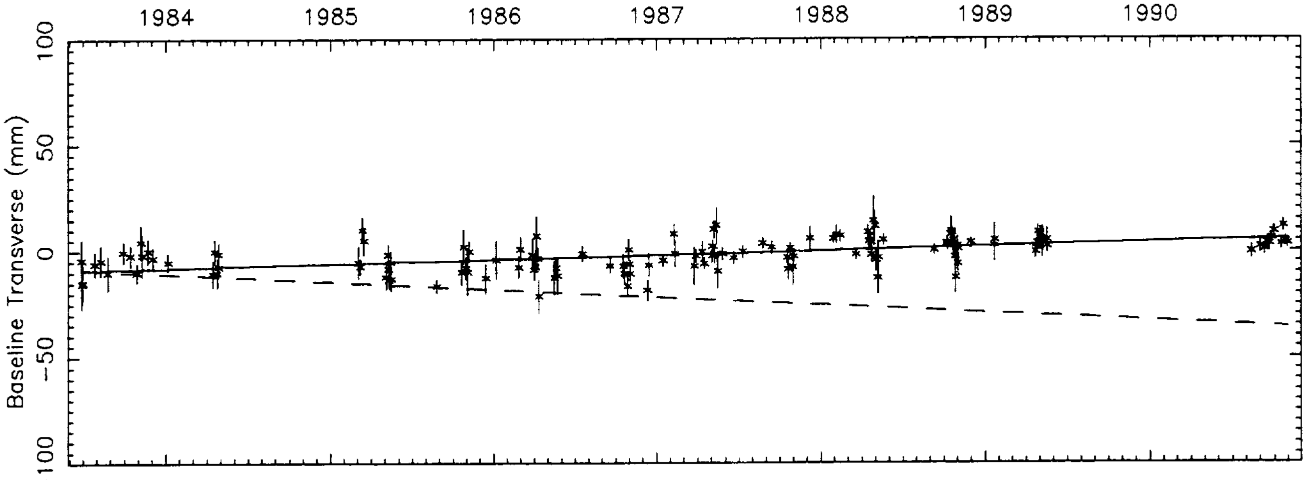
Observed Rate = 44.1 ± 12.4 mm/yr Wrms of fit = 41.1 mm Reduced Chi square = 1.04
NUVEL model rate = 5.8 mm/yr

Vector baseline plots for HRAS 085–MOJAVE12

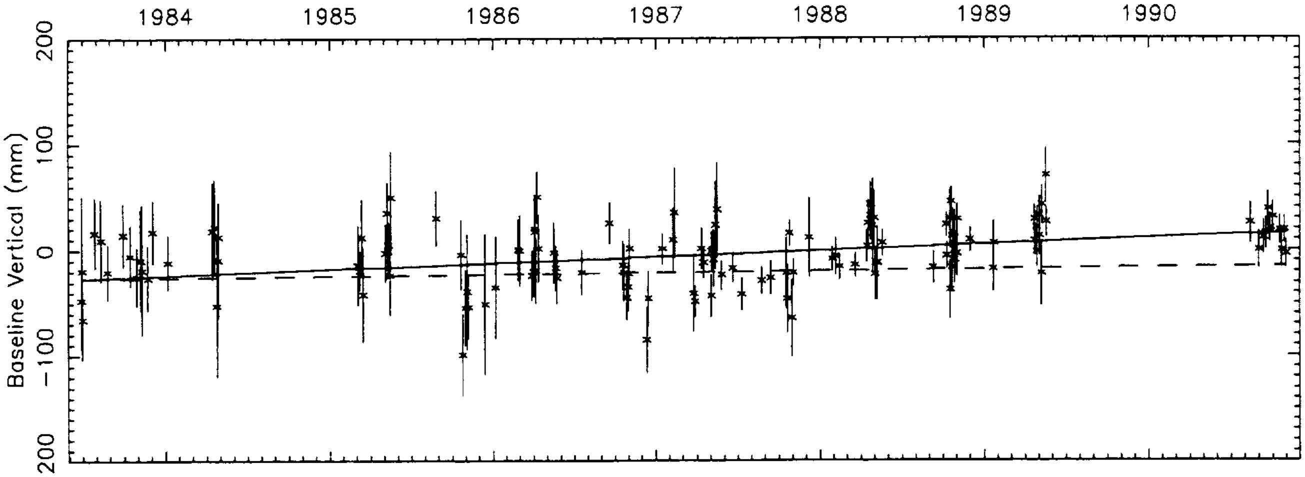
Baseline length = 1313 kilometers　　Number of sessions = 134



Observed Rate = 5.7 ± .4 mm/yr　　Wrms of fit = 7.1 mm　　Reduced Chi square = 3.44
NUVEL model rate = .0 mm/yr　　Weighted mean length = 1313368175.2 mm



Observed Rate = 2.0 ± .2 mm/yr　　Wrms of fit = 4.8 mm　　Reduced Chi square = 1.63
NUVEL model rate = –3.7 mm/yr

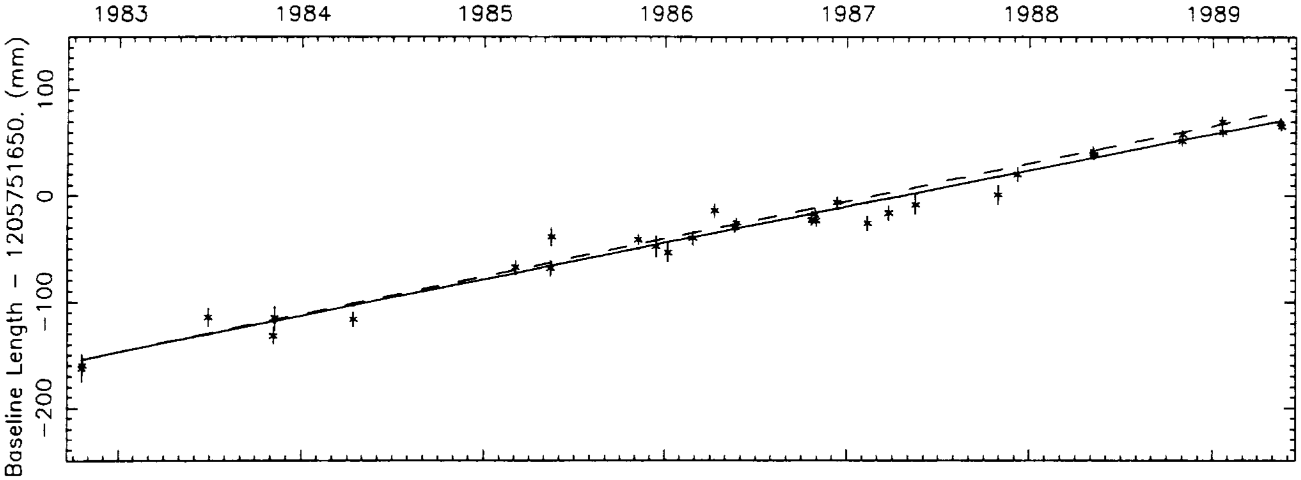


Observed Rate = 5.8 ± 1.1 mm/yr　　Wrms of fit = 22.1 mm　　Reduced Chi square = 1.26
NUVEL model rate = 1.6 mm/yr

Vector baseline plots for HRAS 085–MON PEAK

Baseline length = 1206 kilometers

Number of sessions = 33



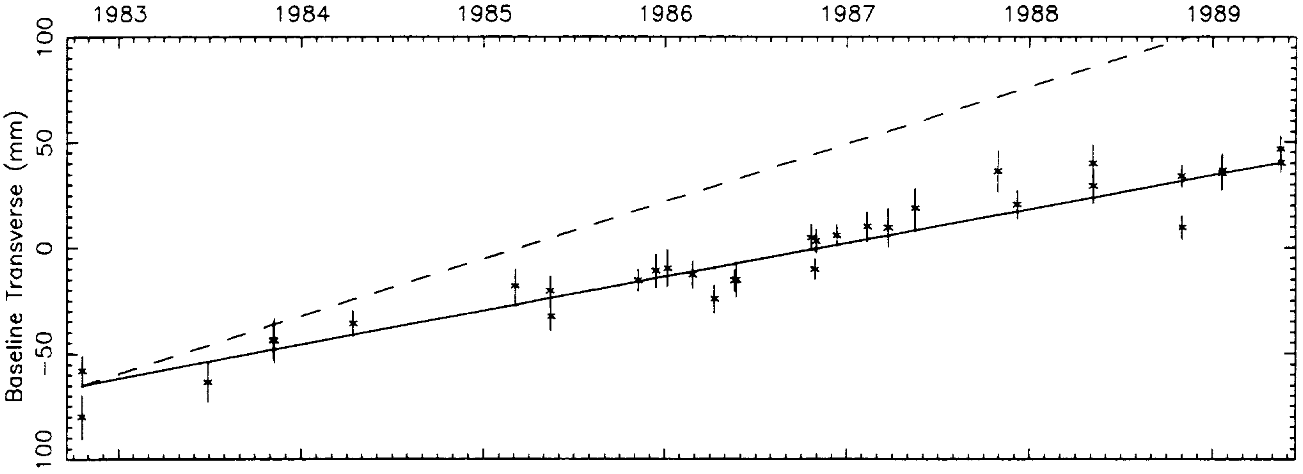
Observed Rate = 34.3 ± .9 mm/yr

NUVEL model rate = 35.5 mm/yr

Wrms of fit = 8.5 mm

Weighted mean length = 1205751646.7 mm

Reduced Chi square = 2.20

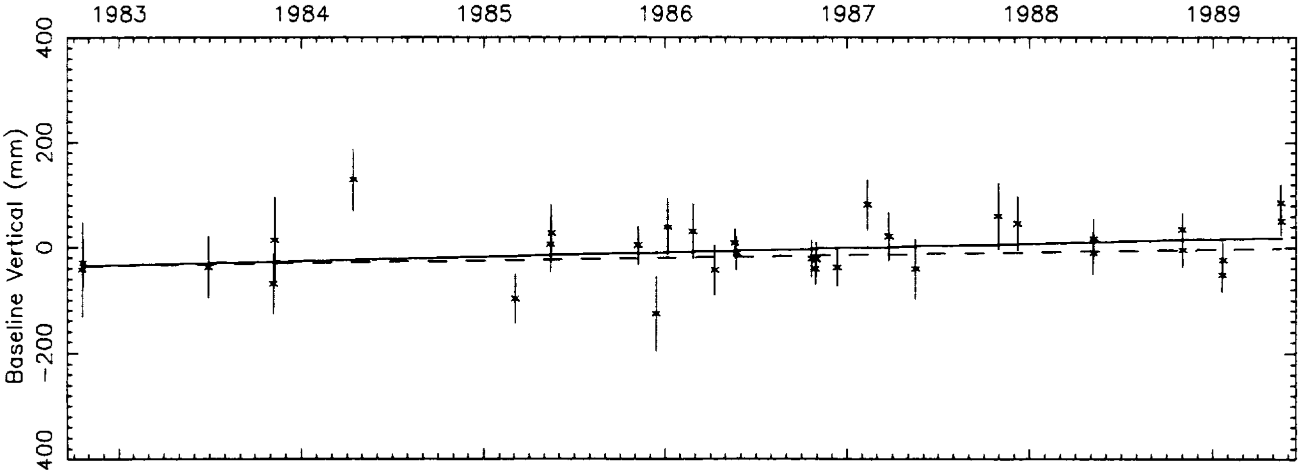


Observed Rate = 16.0 ± .8 mm/yr

NUVEL model rate = 27.2 mm/yr

Wrms of fit = 8.3 mm

Reduced Chi square = 1.63



Observed Rate = 8.4 ± 4.6 mm/yr

NUVEL model rate = 5.3 mm/yr

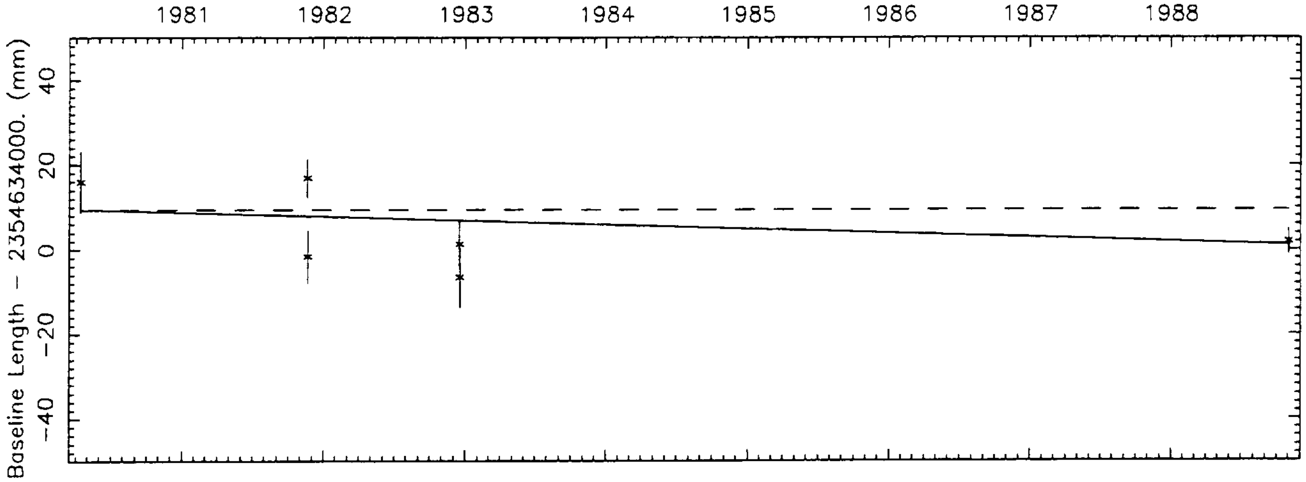
Wrms of fit = 42.7 mm

Reduced Chi square = 1.18

Vector baseline plots for HRAS 085–NRAO 140

Baseline length = 2355 kilometers

Number of sessions = 6



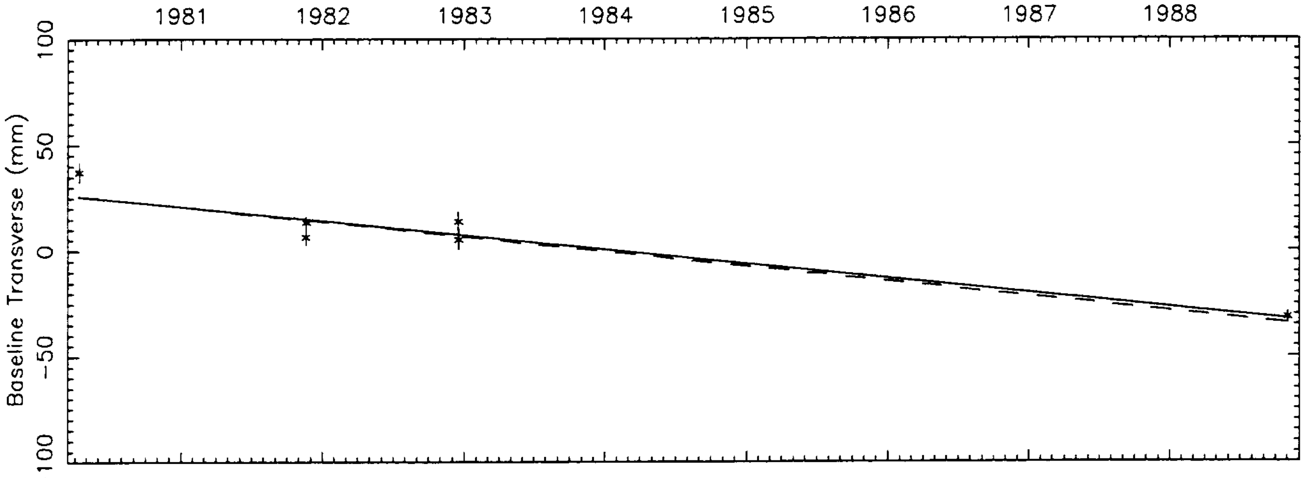
Observed Rate = −1.0 ± 1.0 mm/yr

Wrms of fit = 6.7 mm

Reduced Chi square = 2.99

NUVEL model rate = .0 mm/yr

Weighted mean length = 2354634004.8 mm

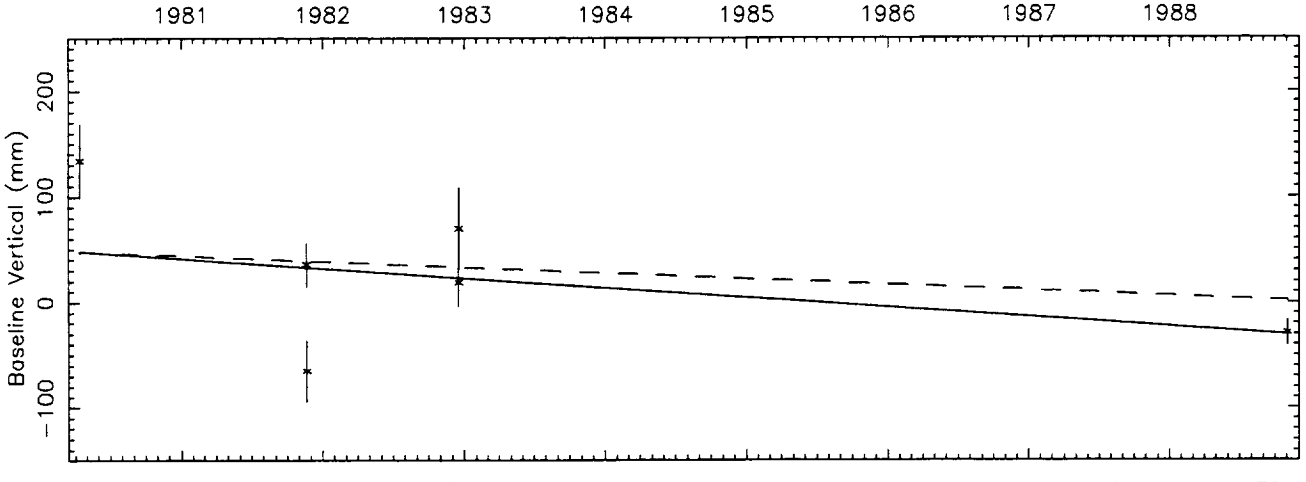


Observed Rate = −6.8 ± .8 mm/yr

Wrms of fit = 5.4 mm

Reduced Chi square = 3.53

NUVEL model rate = −7.0 mm/yr



Observed Rate = −9.1 ± 5.4 mm/yr

Wrms of fit = 37.1 mm

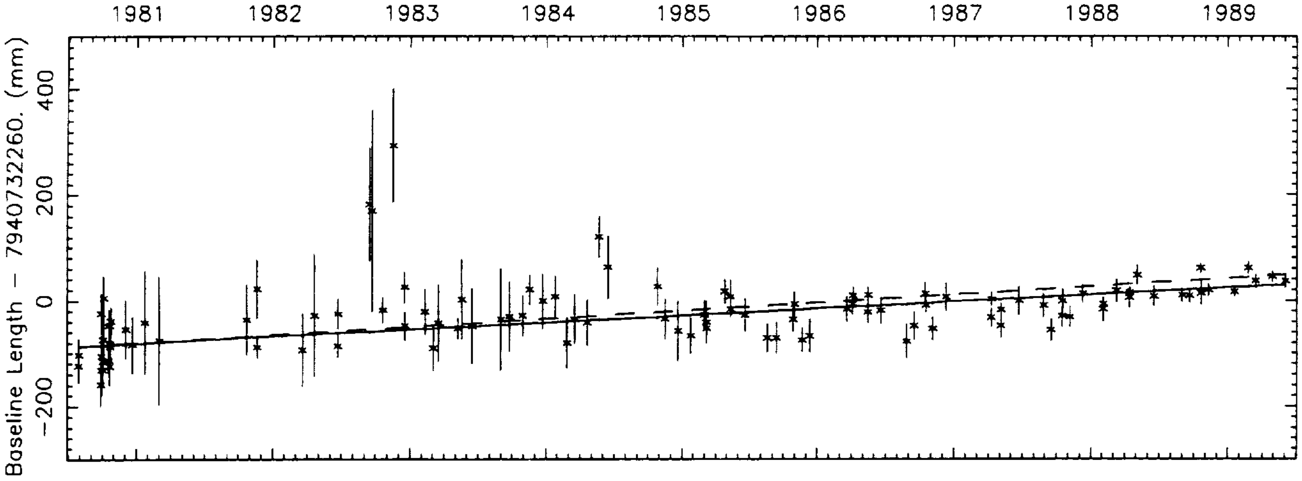
Reduced Chi square = 4.79

NUVEL model rate = −5.4 mm/yr

Vector baseline plots for HRAS 085–ONSALA60

Baseline length = 7941 kilometers

Number of sessions = 107



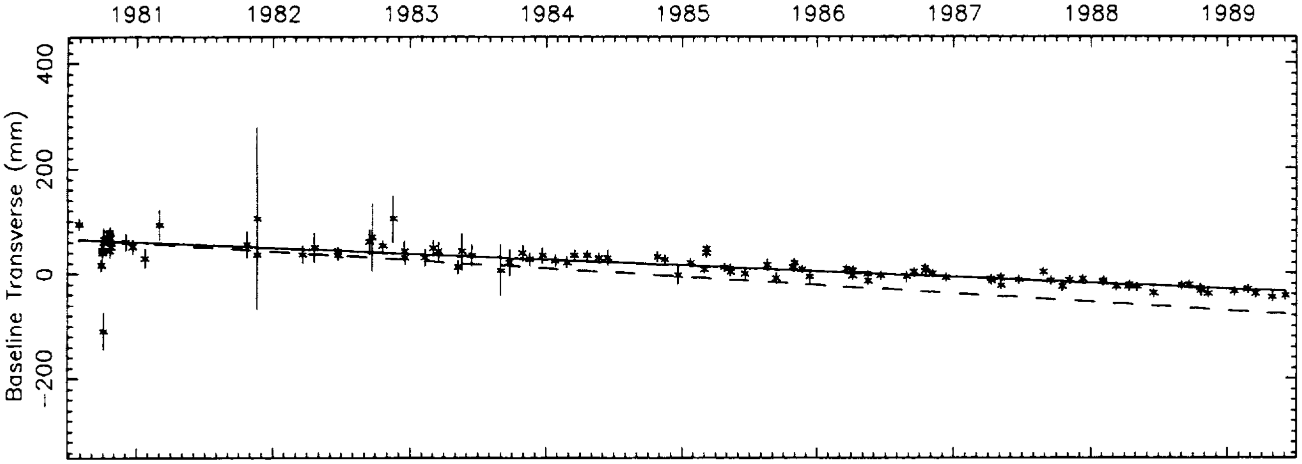
Observed Rate = 13.2 ± 1.2 mm/yr

NUVEL model rate = 15.3 mm/yr

Wrms of fit = 29.4 mm

Weighted mean length = 7940732256.2 mm

Reduced Chi square = 1.96

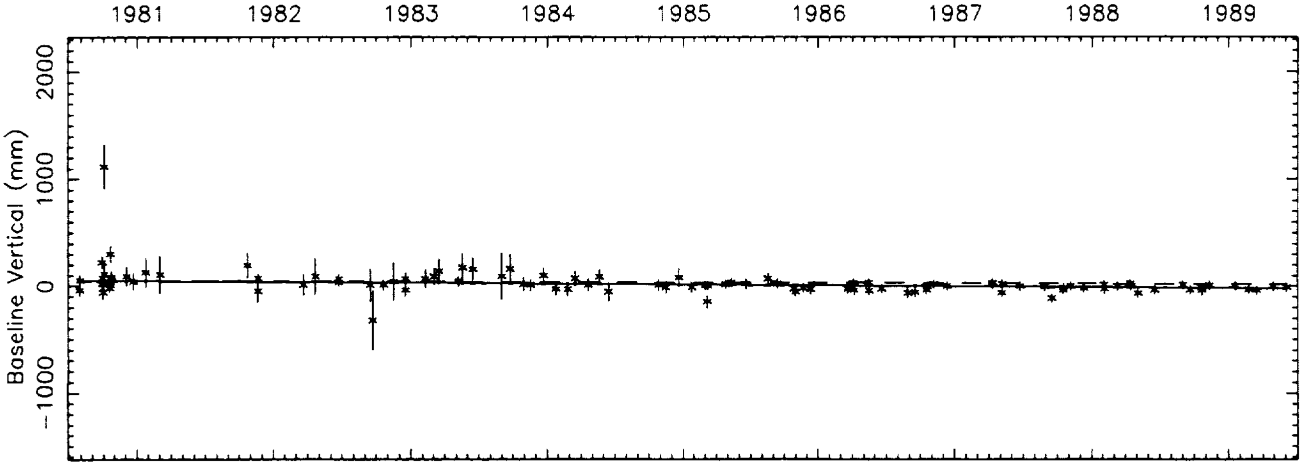


Observed Rate = −11.2 ± .5 mm/yr

NUVEL model rate = −16.0 mm/yr

Wrms of fit = 12.5 mm

Reduced Chi square = 2.45



Observed Rate = −8.3 ± 1.7 mm/yr

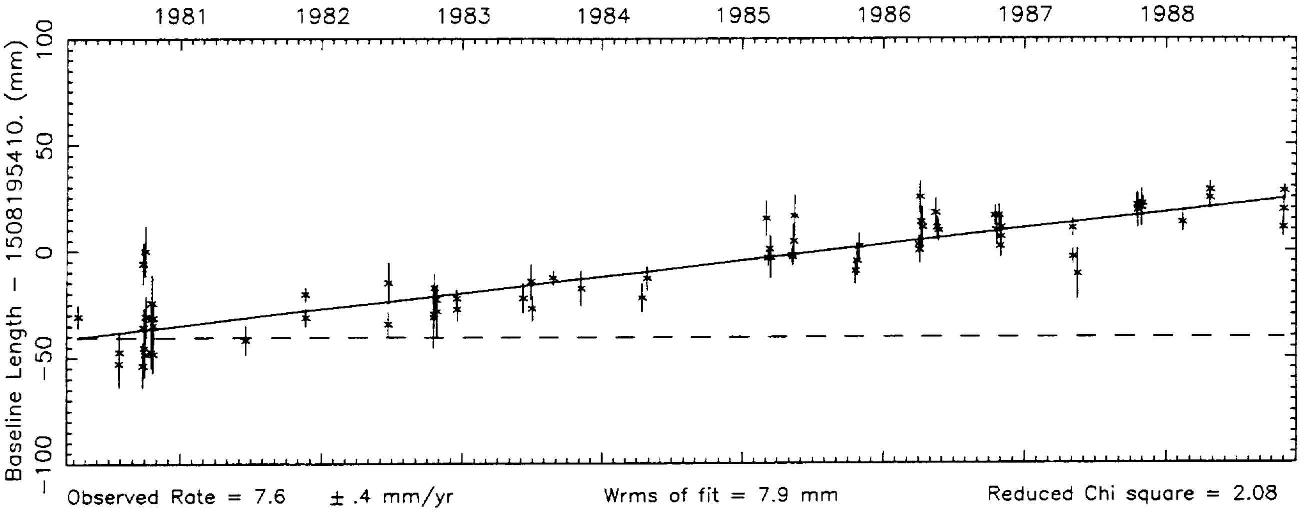
NUVEL model rate = −3.6 mm/yr

Wrms of fit = 41.2 mm

Reduced Chi square = 1.41

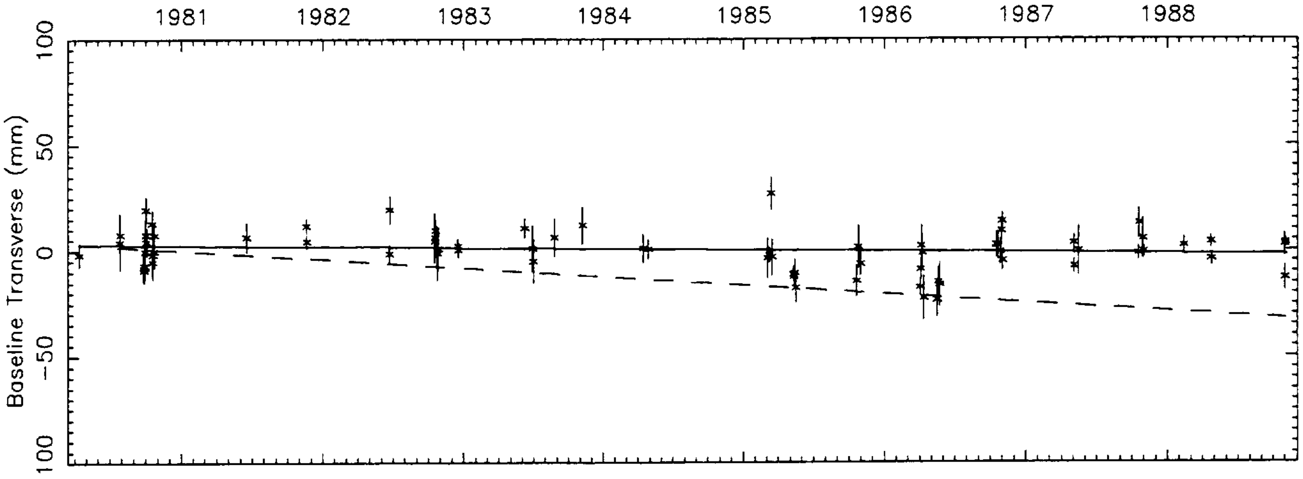
Vector baseline plots for HRAS 085–OVRO 130

Baseline length = 1508 kilometers Number of sessions = 73



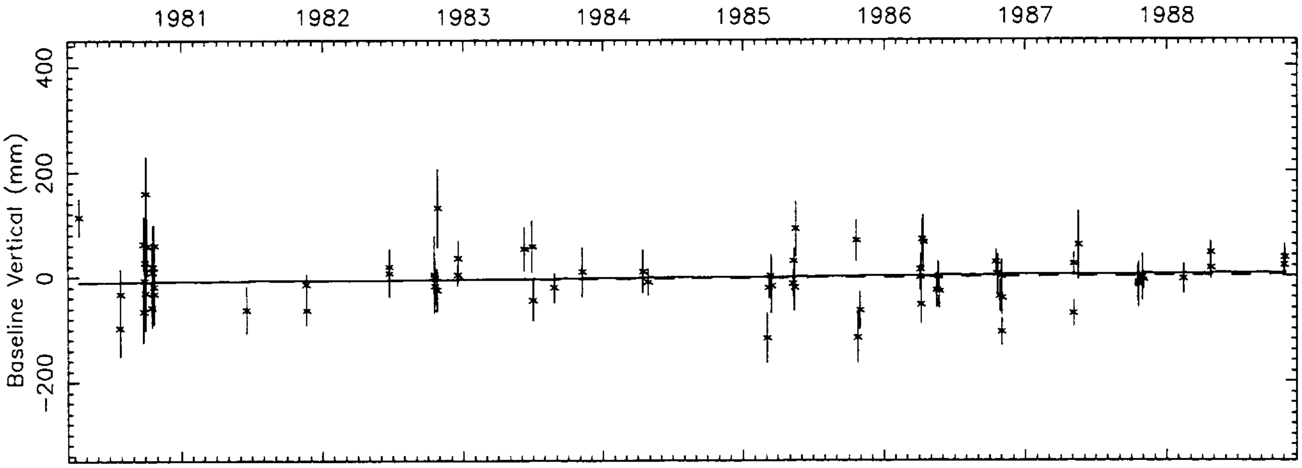
Observed Rate = 7.6 ± .4 mm/yr Wrms of fit = 7.9 mm Reduced Chi square = 2.08

NUVEL model rate = .0 mm/yr Weighted mean length = 1508195408.2 mm



Observed Rate = −.6 ± .3 mm/yr Wrms of fit = 8.0 mm Reduced Chi square = 2.53

NUVEL model rate = −4.1 mm/yr



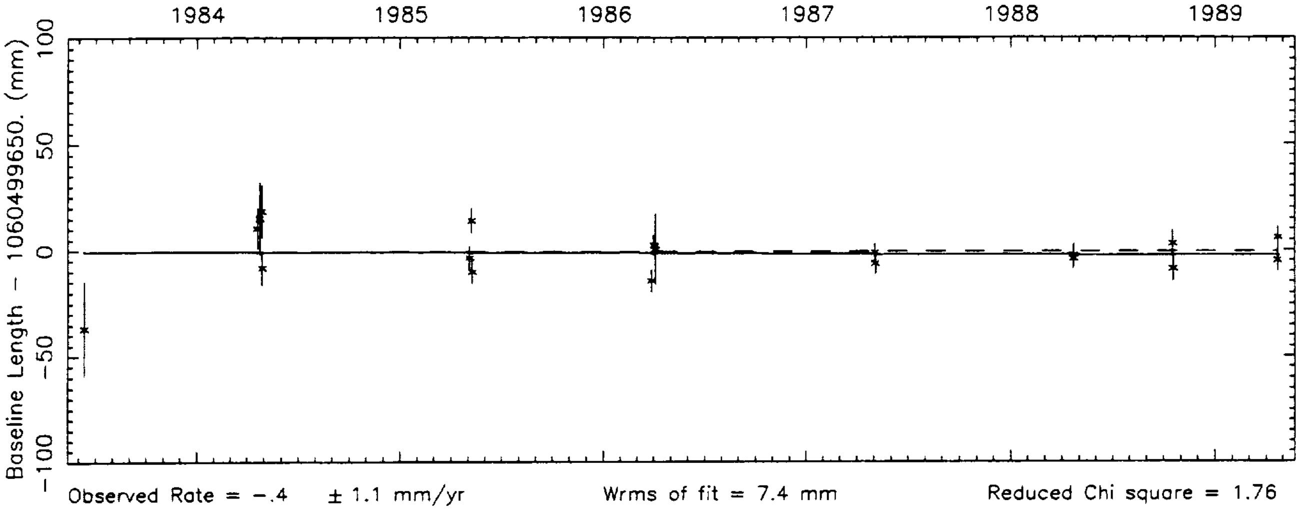
Observed Rate = 2.0 ± 1.9 mm/yr Wrms of fit = 41.2 mm Reduced Chi square = 1.77

NUVEL model rate = 1.5 mm/yr

Vector baseline plots for HRAS 085—PLATTVIL

Baseline length = 1060 kilometers

Number of sessions = 20



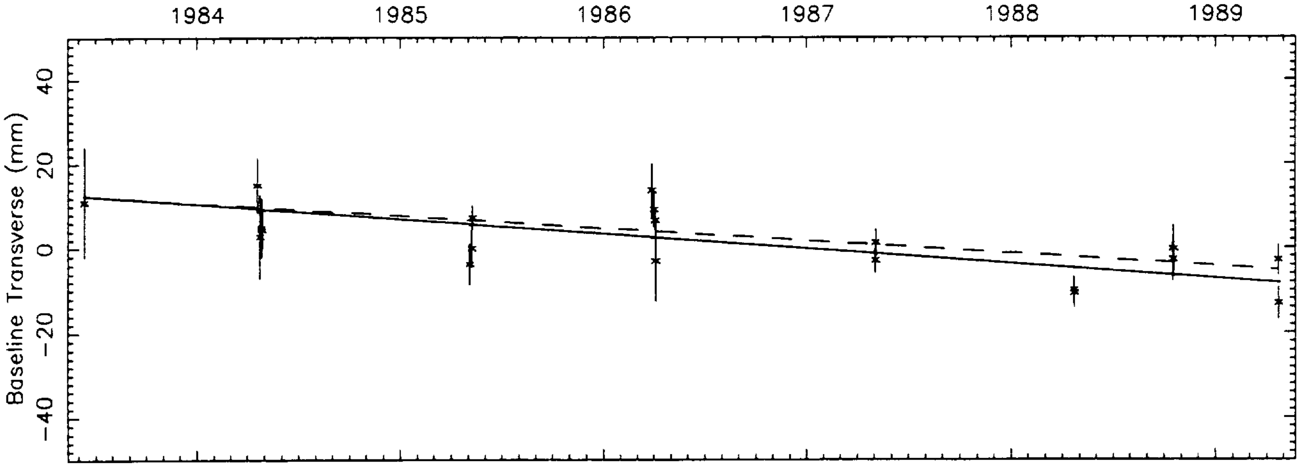
Observed Rate = −.4 ± 1.1 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 7.4 mm

Weighted mean length = 1060499648.1 mm

Reduced Chi square = 1.76

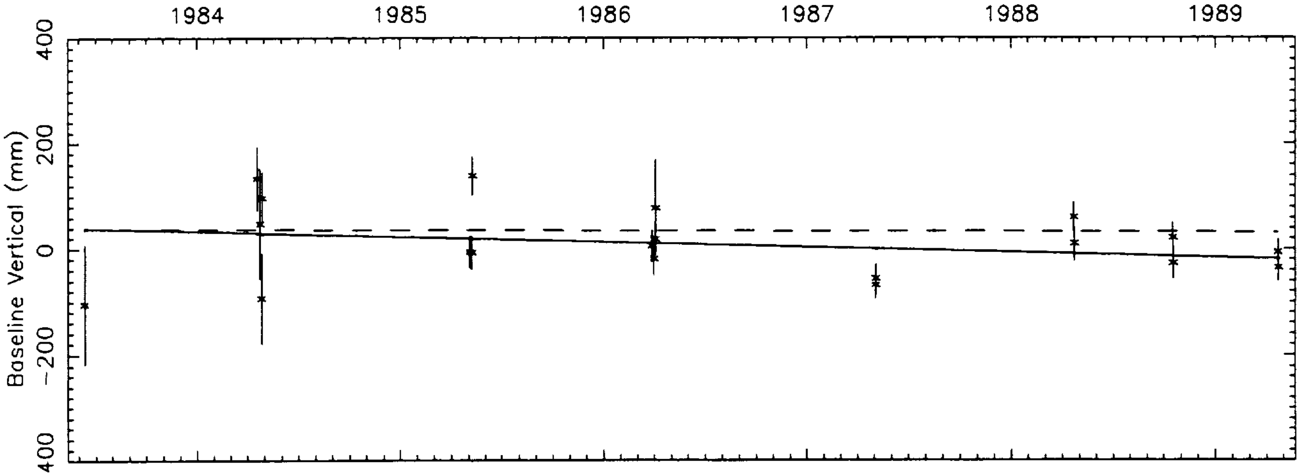


Observed Rate = −3.5 ± .8 mm/yr

NUVEL model rate = −3.0 mm/yr

Wrms of fit = 5.0 mm

Reduced Chi square = 1.69



Observed Rate = −9.9 ± 7.4 mm/yr

NUVEL model rate = −1.1 mm/yr

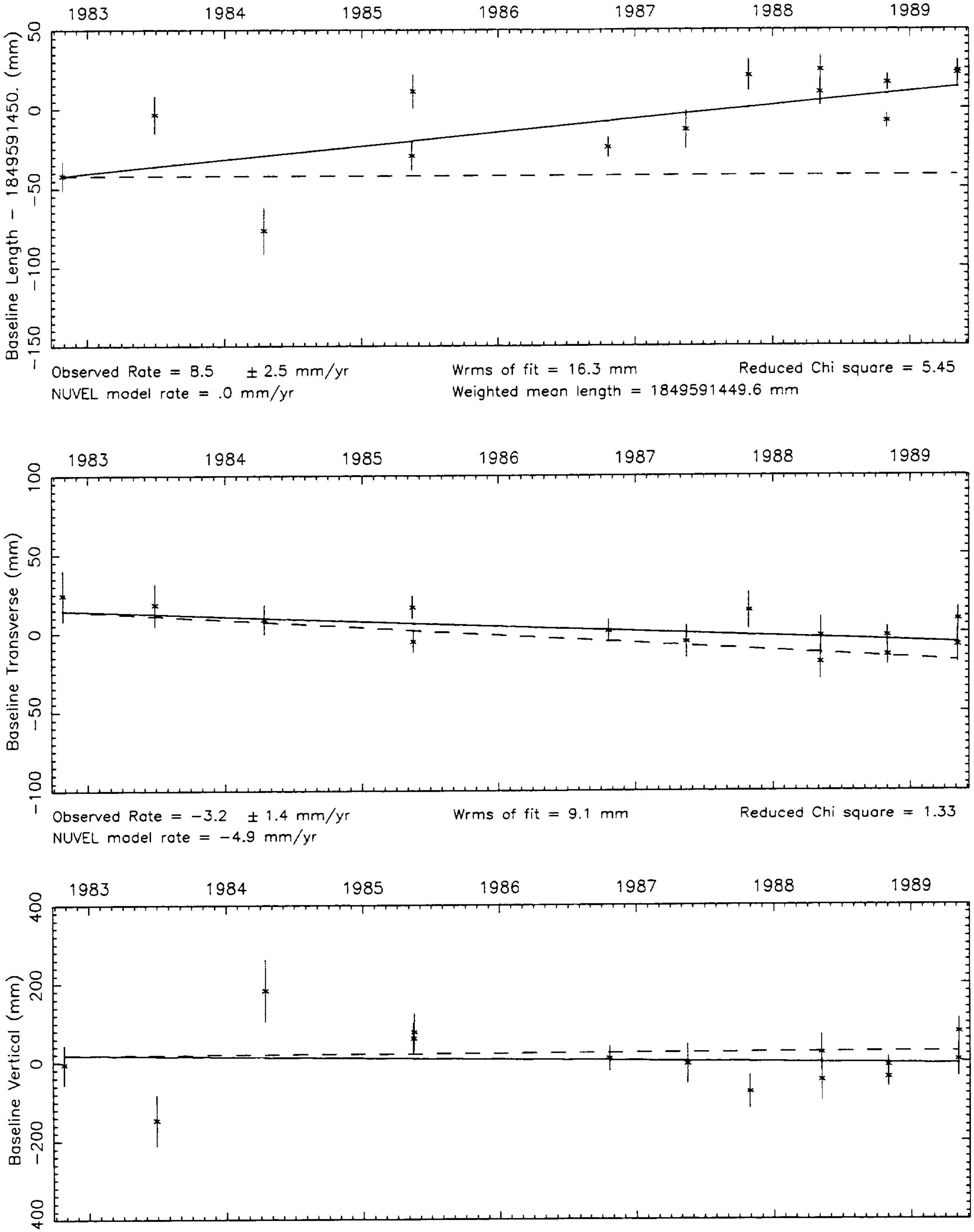
Wrms of fit = 49.1 mm

Reduced Chi square = 2.42

Vector baseline plots for HRAS 085–QUINCY

Baseline length = 1850 kilometers

Number of sessions = 14



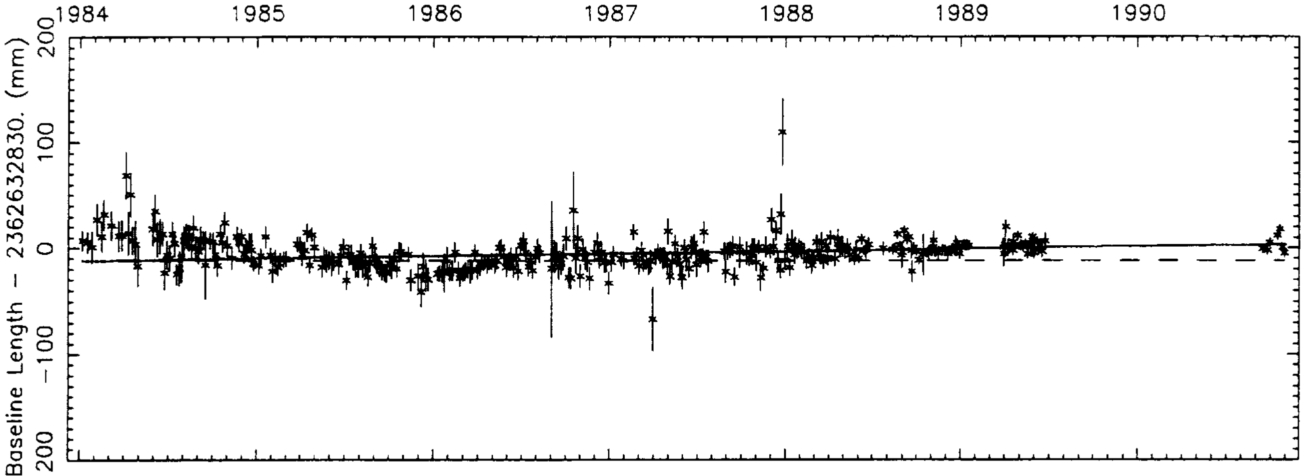
Observed Rate = 8.5 ± 2.5 mm/yr
NUVEL model rate = .0 mm/yr
Wrms of fit = 16.3 mm
Weighted mean length = 1849591449.6 mm
Reduced Chi square = 5.45

Observed Rate = –3.2 ± 1.4 mm/yr
NUVEL model rate = –4.9 mm/yr
Wrms of fit = 9.1 mm
Reduced Chi square = 1.33

Observed Rate = –3.5 ± 8.5 mm/yr
NUVEL model rate = 1.5 mm/yr
Wrms of fit = 52.1 mm
Reduced Chi square = 2.26

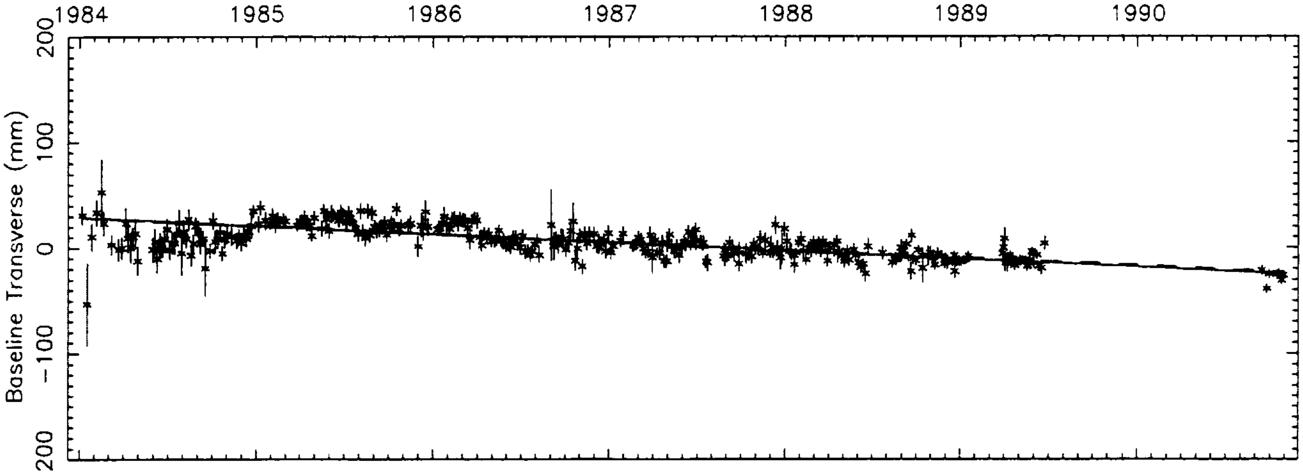
Vector baseline plots for HRAS 085–RICHMOND

Baseline length = 2363 kilometers Number of sessions = 350



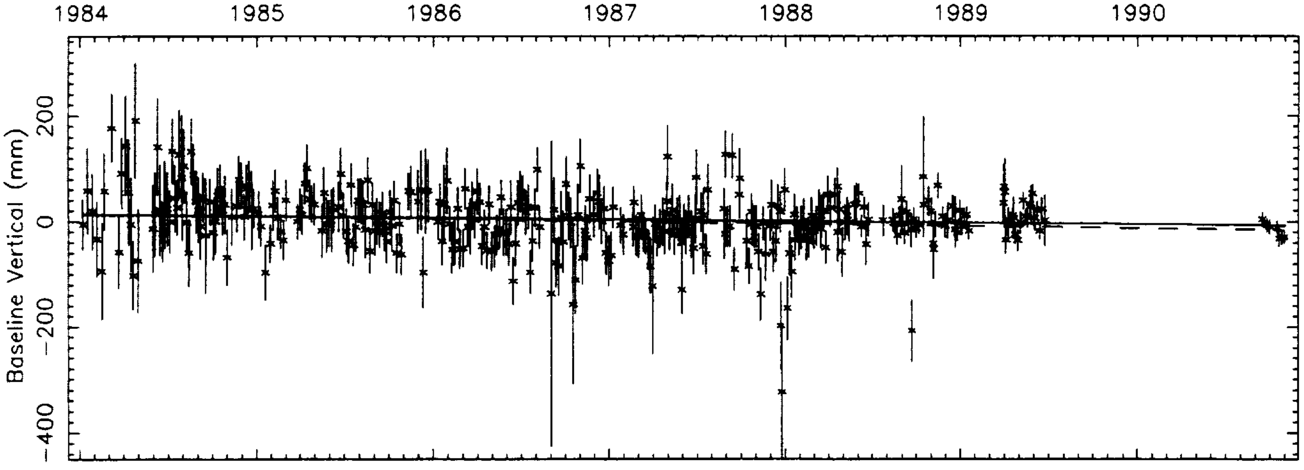
Observed Rate = 2.2 ± .3 mm/yr Wrms of fit = 9.8 mm Reduced Chi square = 1.88

NUVEL model rate = .0 mm/yr Weighted mean length = 2362632826.4 mm



Observed Rate = –7.9 ± .3 mm/yr Wrms of fit = 8.5 mm Reduced Chi square = 1.99

NUVEL model rate = –7.6 mm/yr



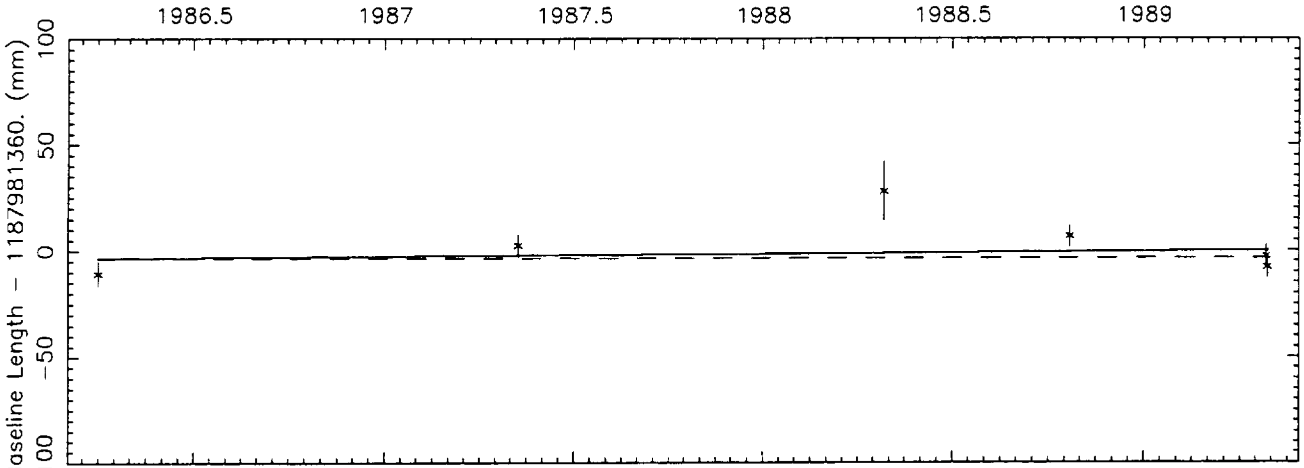
Observed Rate = –3.1 ± 1.1 mm/yr Wrms of fit = 35.8 mm Reduced Chi square = 1.24

NUVEL model rate = –4.2 mm/yr

Vector baseline plots for HRAS 085–VERNAL

Baseline length = 1188 kilometers

Number of sessions = 6



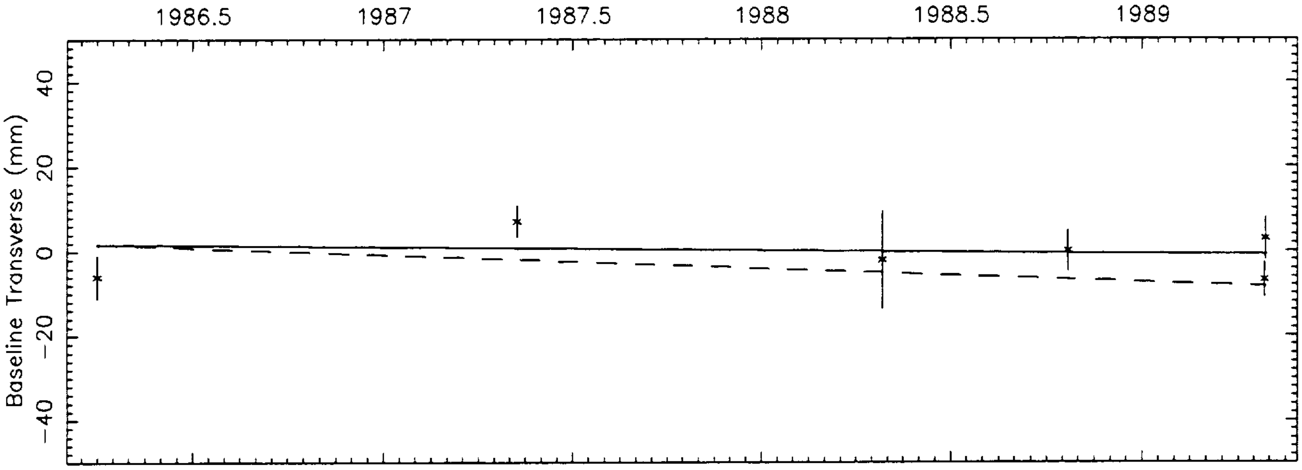
Observed Rate = 1.1 ± 3.4 mm/yr

Wrms of fit = 7.9 mm

Reduced Chi square = 2.90

NUVEL model rate = .0 mm/yr

Weighted mean length = 1187981358.6 mm

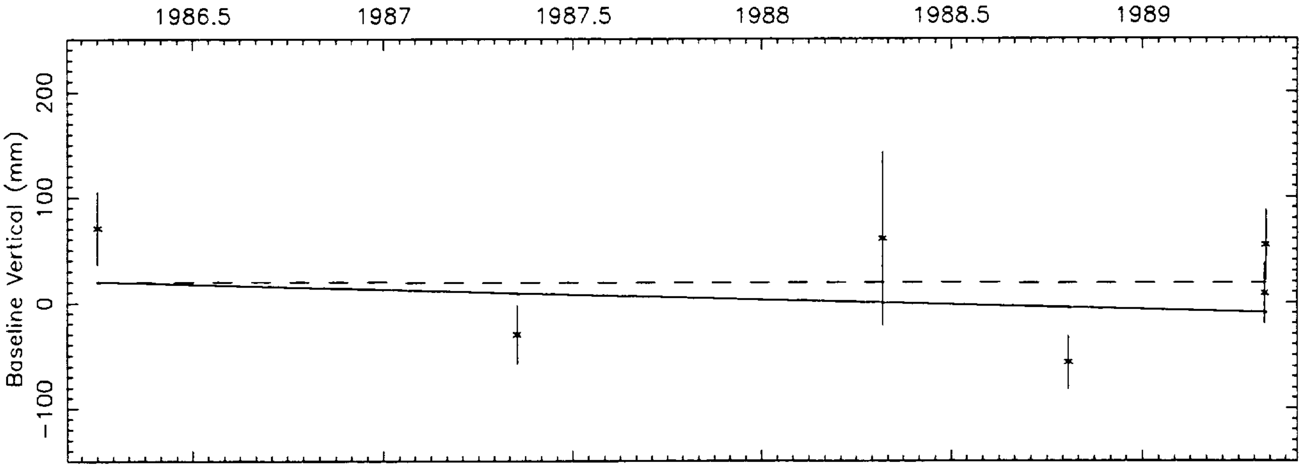


Observed Rate = −.9 ± 2.4 mm/yr

Wrms of fit = 5.5 mm

Reduced Chi square = 2.01

NUVEL model rate = −3.3 mm/yr



Observed Rate = −9.6 ± 21.1 mm/yr

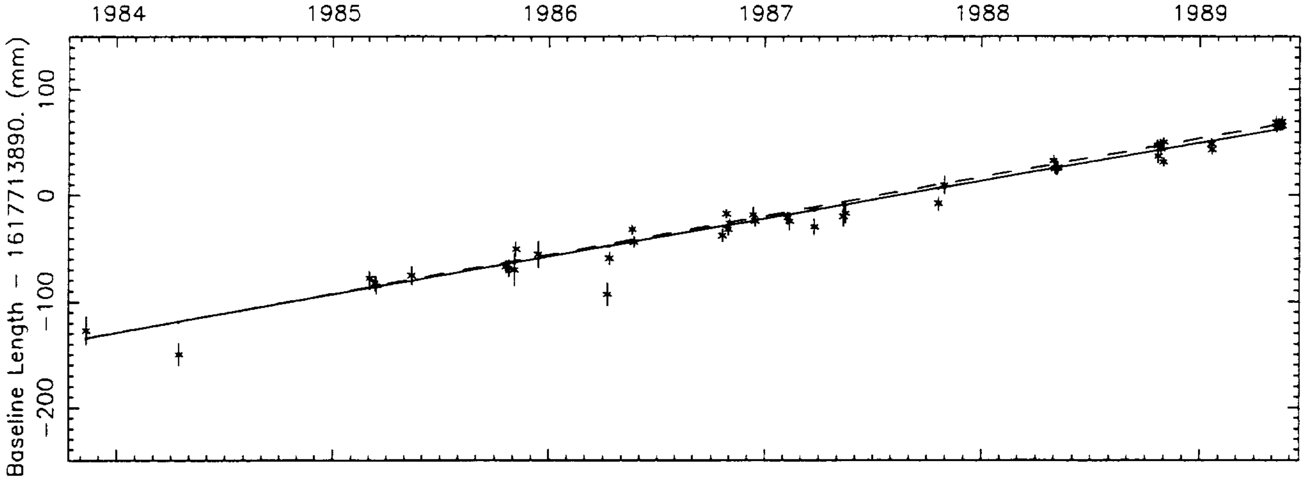
Wrms of fit = 46.9 mm

Reduced Chi square = 3.27

NUVEL model rate = −.3 mm/yr

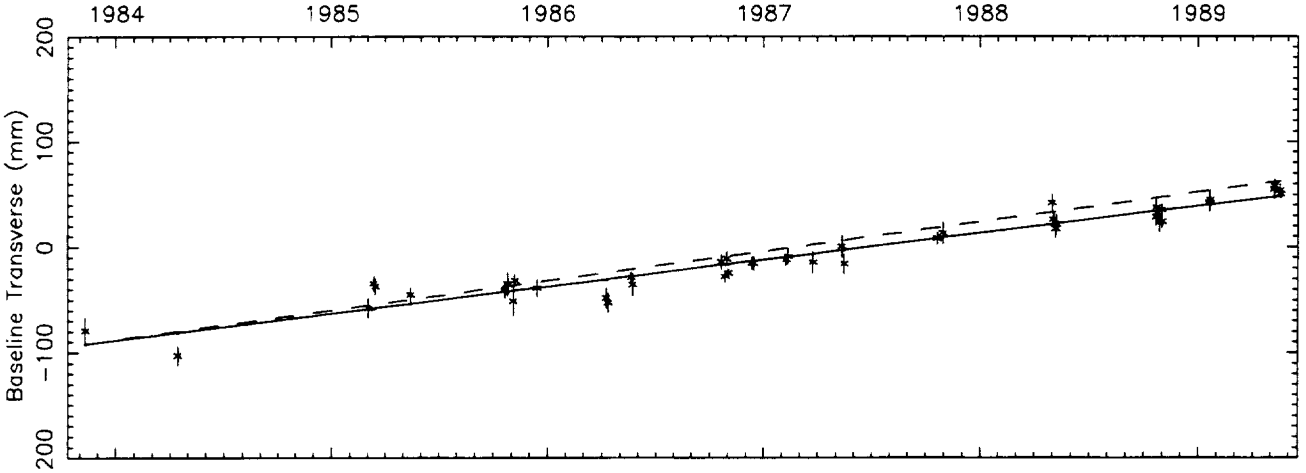
Vector baseline plots for HRAS 085–VNDNBERG

Baseline length = 1618 kilometers   Number of sessions = 44



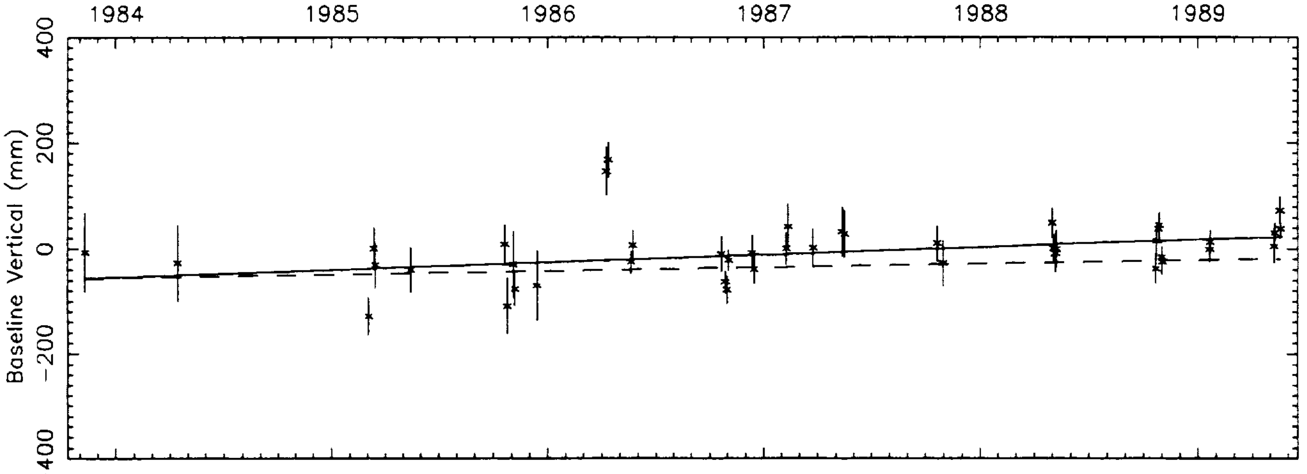
Observed Rate = 35.7 ± .9 mm/yr   Wrms of fit = 8.2 mm   Reduced Chi square = 2.12

NUVEL model rate = 36.6 mm/yr   Weighted mean length = 1617713894.9 mm



Observed Rate = 25.3 ± 1.0 mm/yr   Wrms of fit = 8.8 mm   Reduced Chi square = 1.67

NUVEL model rate = 27.9 mm/yr



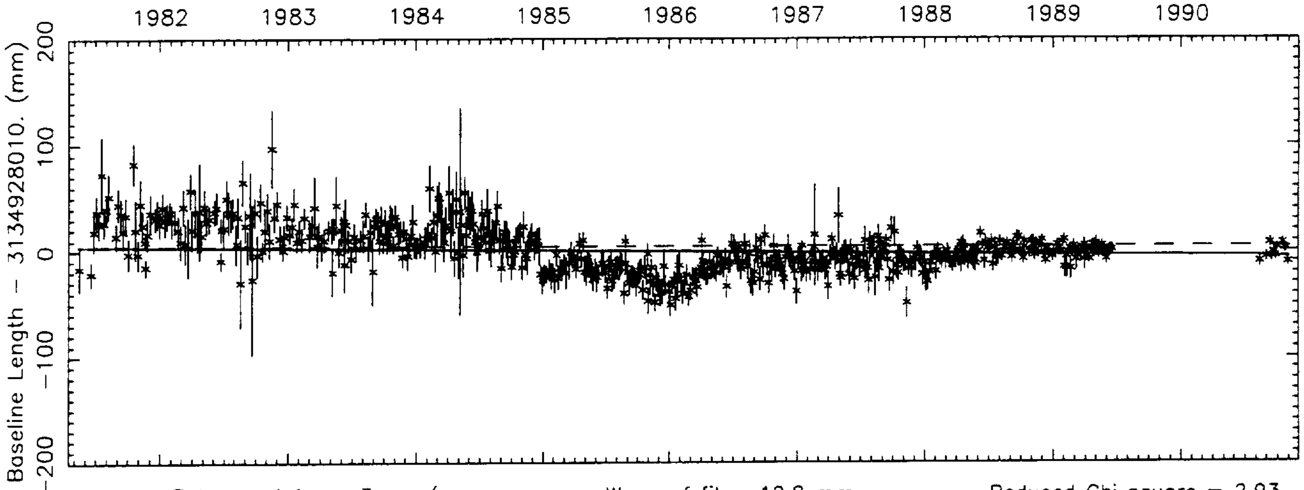
Observed Rate = 14.5 ± 5.0 mm/yr   Wrms of fit = 43.4 mm   Reduced Chi square = 2.28

NUVEL model rate = 7.0 mm/yr

Vector baseline plots for HRAS 085–WESTFORD

Baseline length = 3135 kilometers

Number of sessions = 597



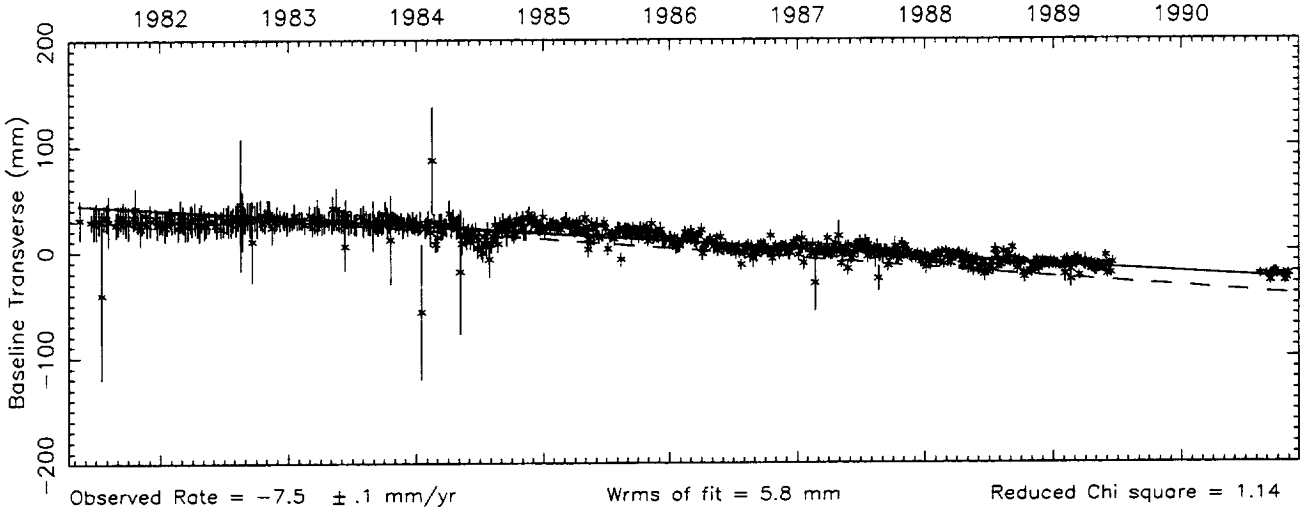
Observed Rate = –1.1 ± .3 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 12.8 mm

Weighted mean length = 3134928007.6 mm

Reduced Chi square = 2.93

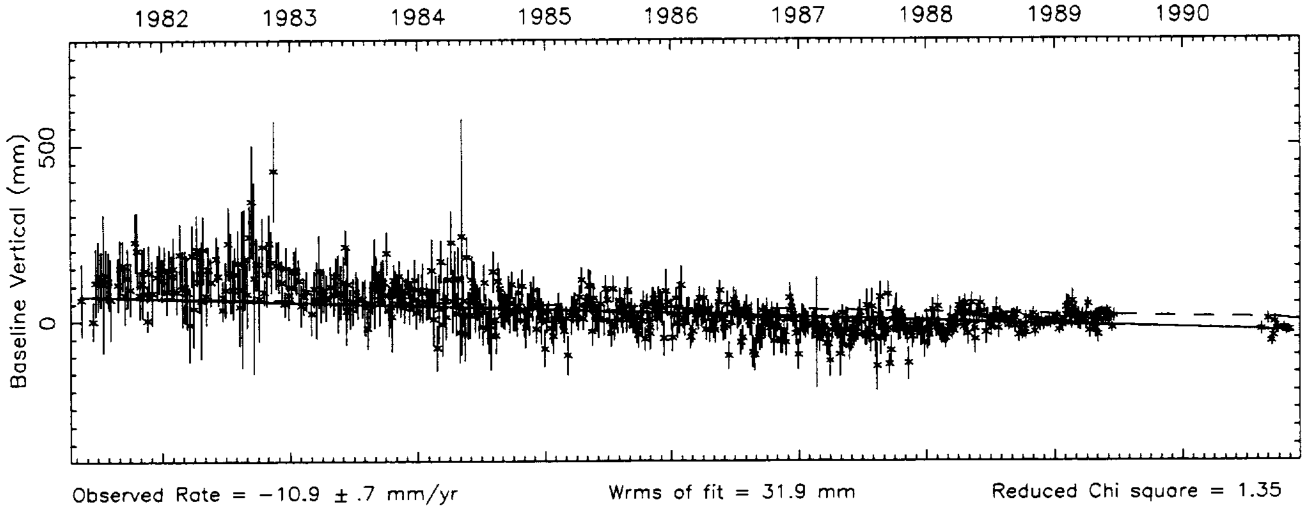


Observed Rate = –7.5 ± .1 mm/yr

NUVEL model rate = –9.0 mm/yr

Wrms of fit = 5.8 mm

Reduced Chi square = 1.14



Observed Rate = –10.9 ± .7 mm/yr

NUVEL model rate = –7.1 mm/yr

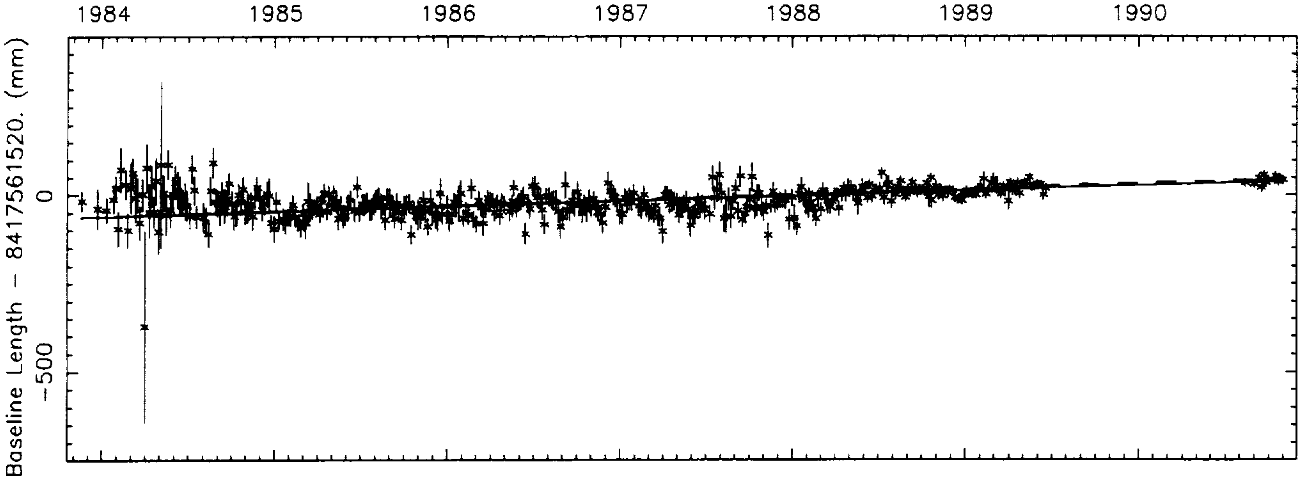
Wrms of fit = 31.9 mm

Reduced Chi square = 1.35

Vector baseline plots for HRAS 085−WETTZELL

Baseline length = 8418 kilometers

Number of sessions = 415



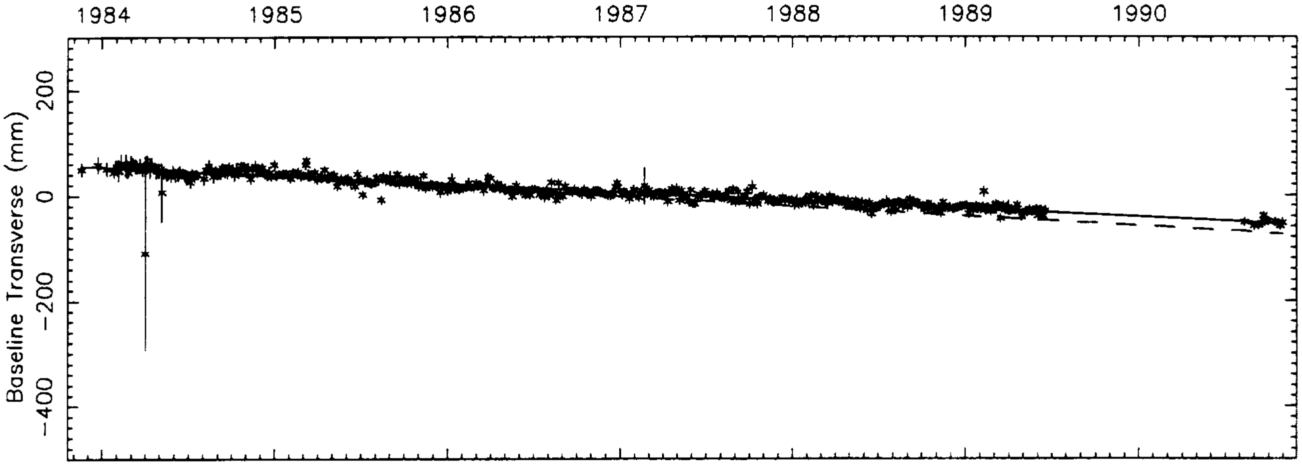
Observed Rate = 14.7 ± .7 mm/yr

Wrms of fit = 23.5 mm

Reduced Chi square = 1.49

NUVEL model rate = 15.7 mm/yr

Weighted mean length = 8417561520.7 mm

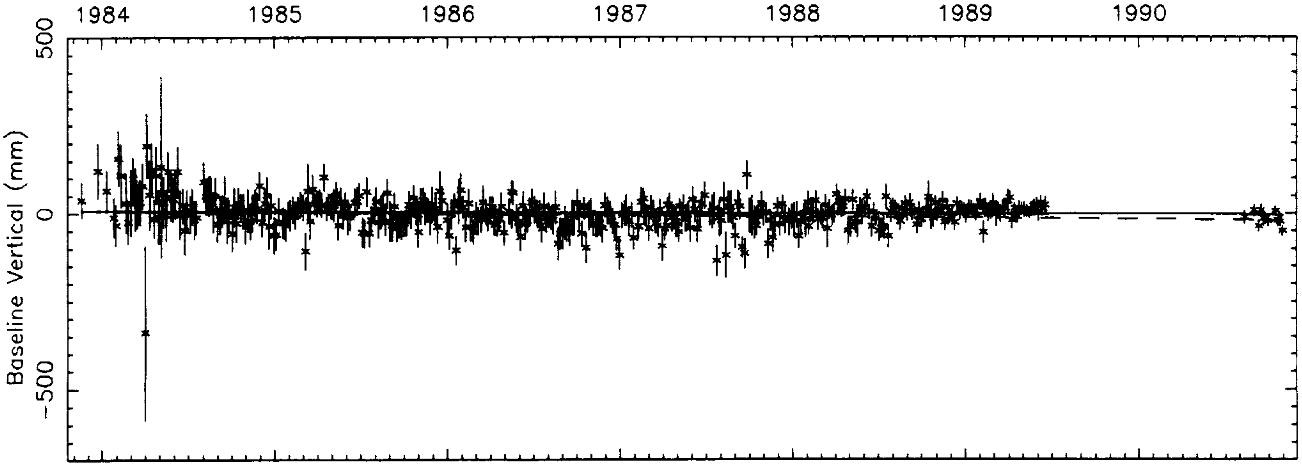


Observed Rate = −15.9 ± .2 mm/yr

Wrms of fit = 7.8 mm

Reduced Chi square = 1.09

NUVEL model rate = −18.6 mm/yr



Observed Rate = −1.6 ± .9 mm/yr

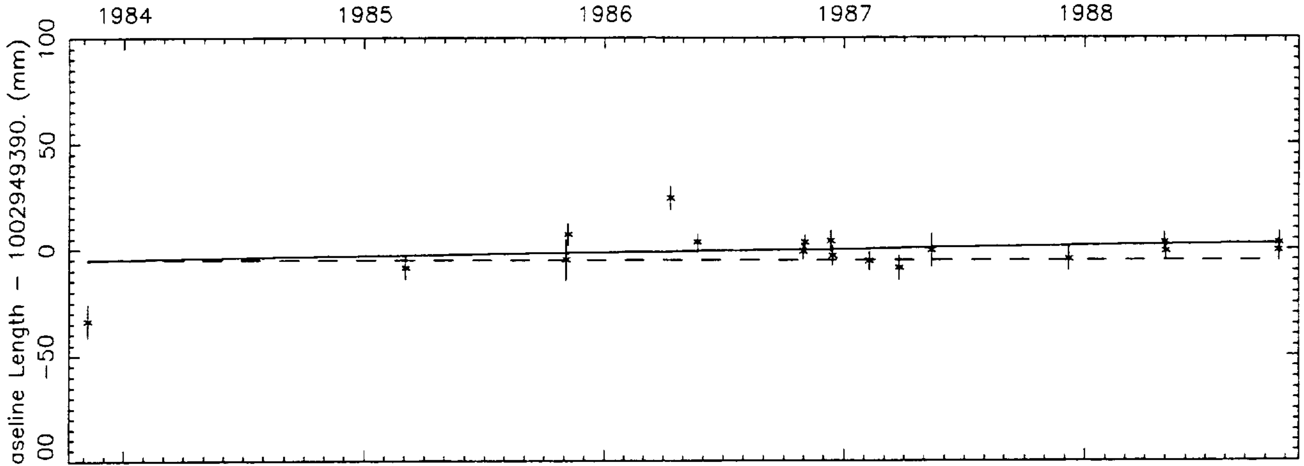
Wrms of fit = 29.9 mm

Reduced Chi square = .99

NUVEL model rate = −3.8 mm/yr

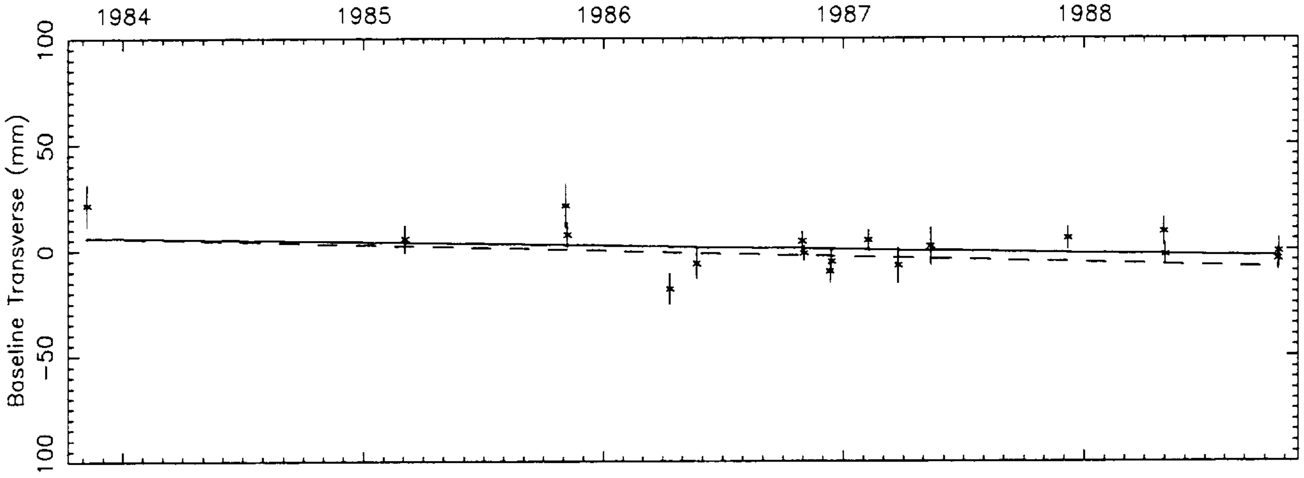
Vector baseline plots for HRAS 085—YUMA

Baseline length = 1003 kilometers   Number of sessions = 18



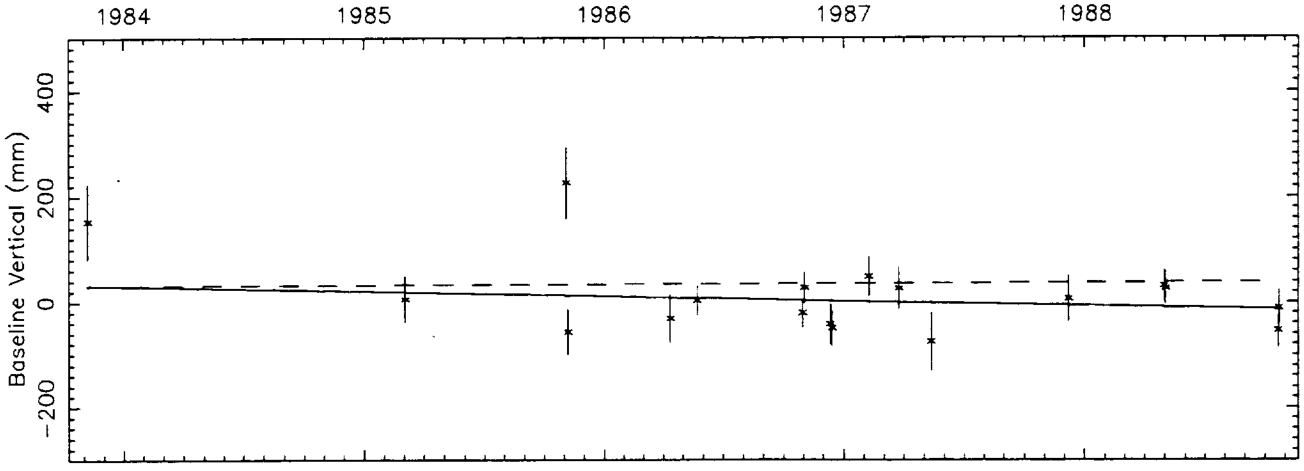
Observed Rate = 1.6 ± 1.9 mm/yr   Wrms of fit = 8.0 mm   Reduced Chi square = 2.97

NUVEL model rate = .0 mm/yr   Weighted mean length = 1002949390.0 mm



Observed Rate = −1.8 ± 1.7 mm/yr   Wrms of fit = 7.2 mm   Reduced Chi square = 1.72

NUVEL model rate = −2.9 mm/yr

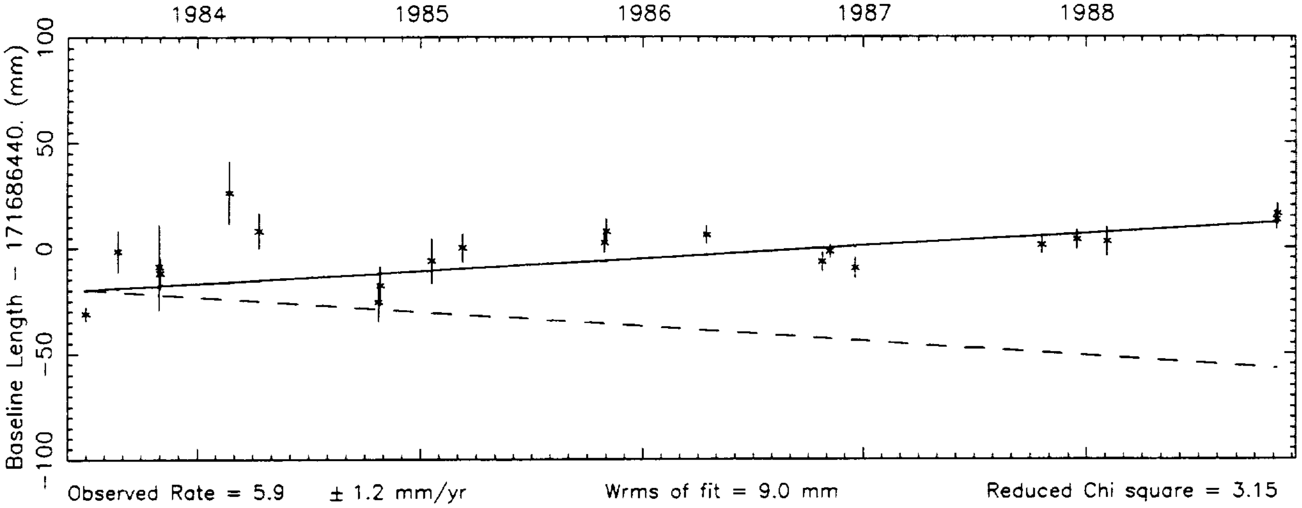


Observed Rate = −9.1 ± 11.2 mm/yr   Wrms of fit = 47.2 mm   Reduced Chi square = 1.92

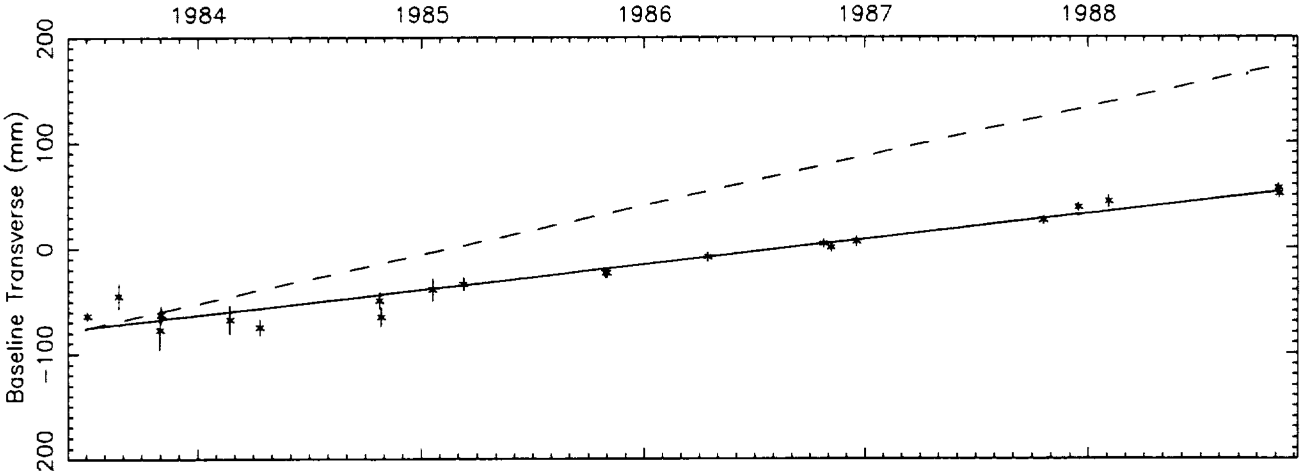
NUVEL model rate = 1.5 mm/yr

Vector baseline plots for JPL MV1 –MOJAVE12

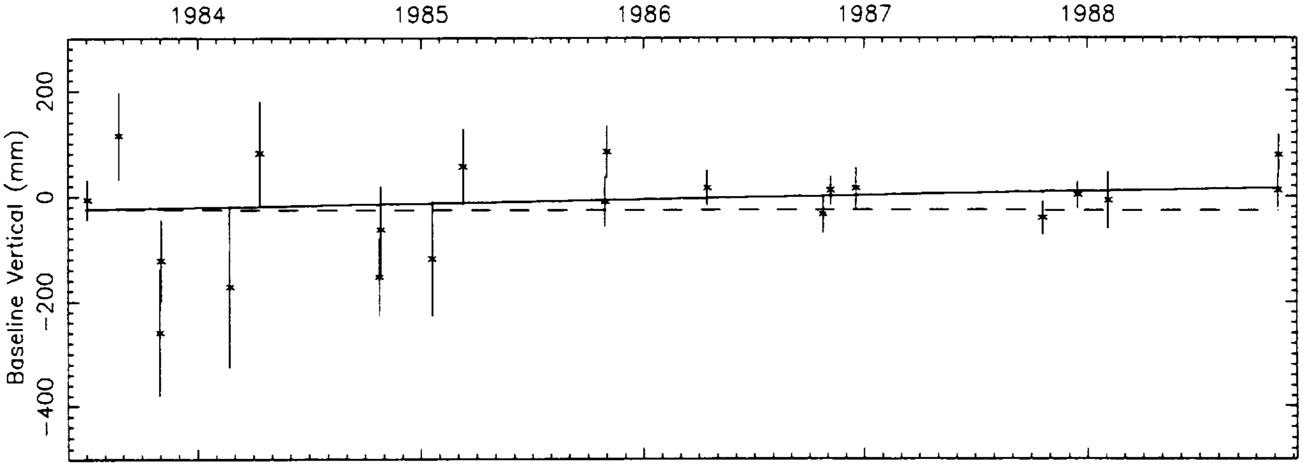
Baseline length = 172 kilometers Number of sessions = 21



Observed Rate = 5.9 ± 1.2 mm/yr Wrms of fit = 9.0 mm Reduced Chi square = 3.15
NUVEL model rate = –6.9 mm/yr Weighted mean length = 171686437.1 mm



Observed Rate = 24.0 ± 1.0 mm/yr Wrms of fit = 6.5 mm Reduced Chi square = 1.86
NUVEL model rate = 46.4 mm/yr

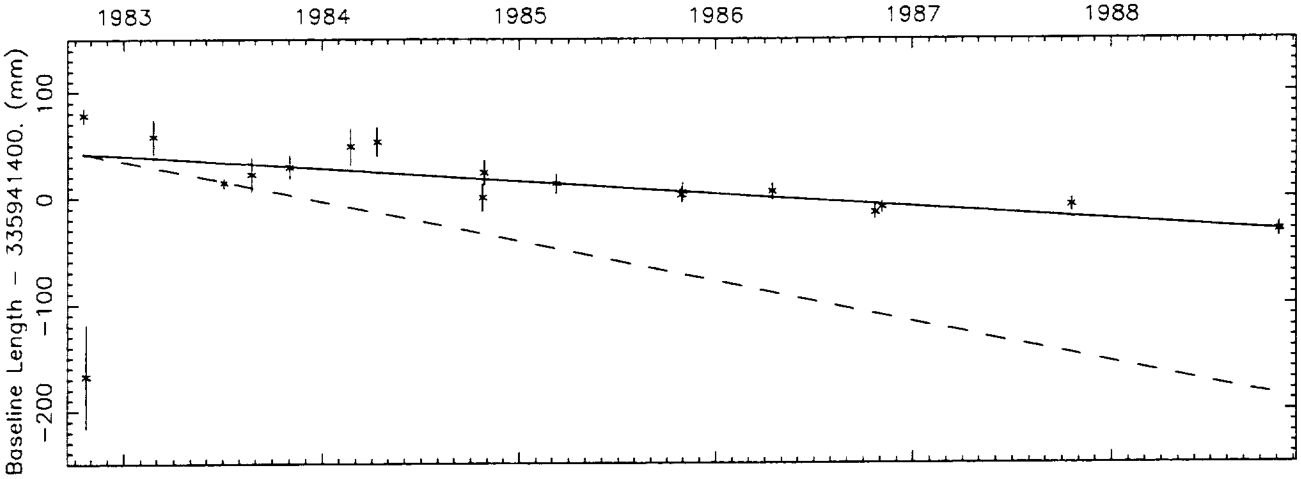


Observed Rate = 7.5 ± 7.3 mm/yr Wrms of fit = 49.2 mm Reduced Chi square = 1.39
NUVEL model rate = –.4 mm/yr

Vector baseline plots for JPL MV1 -OVRO 130

Baseline length = 336 kilometers

Number of sessions = 19



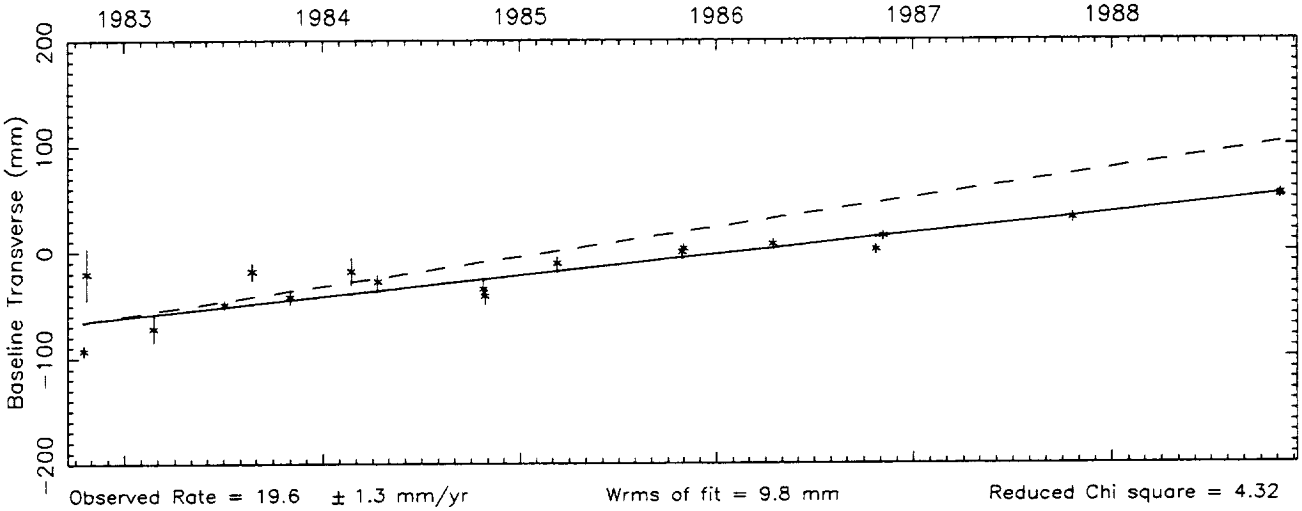
Observed Rate = -12.0 ± 2.0 mm/yr

NUVEL model rate = -37.8 mm/yr

Wrms of fit = 16.2 mm

Weighted mean length = 335941404.4 mm

Reduced Chi square = 4.67

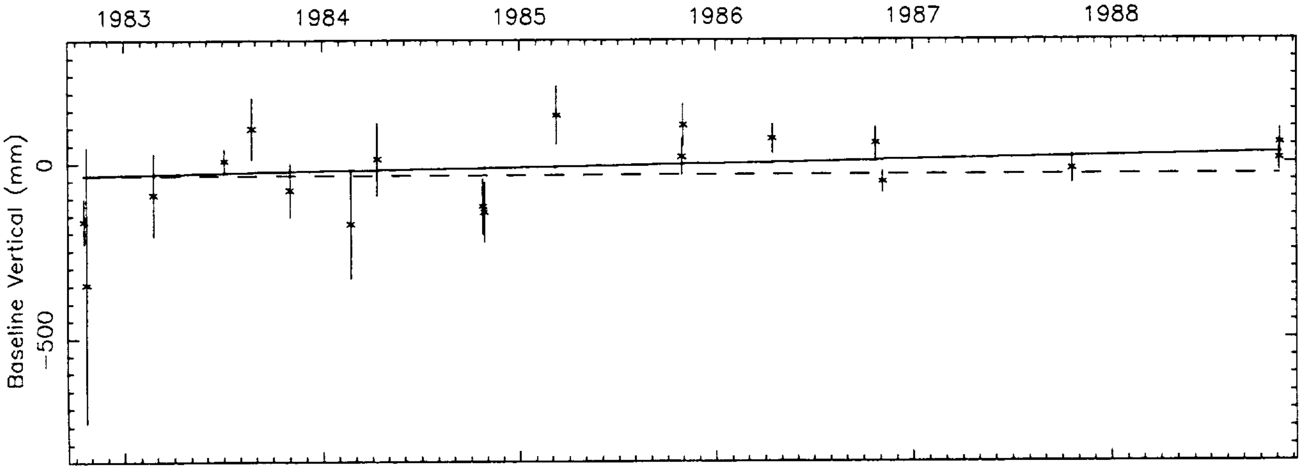


Observed Rate = 19.6 ± 1.3 mm/yr

NUVEL model rate = 27.7 mm/yr

Wrms of fit = 9.8 mm

Reduced Chi square = 4.32



Observed Rate = 10.1 ± 8.4 mm/yr

NUVEL model rate = .4 mm/yr

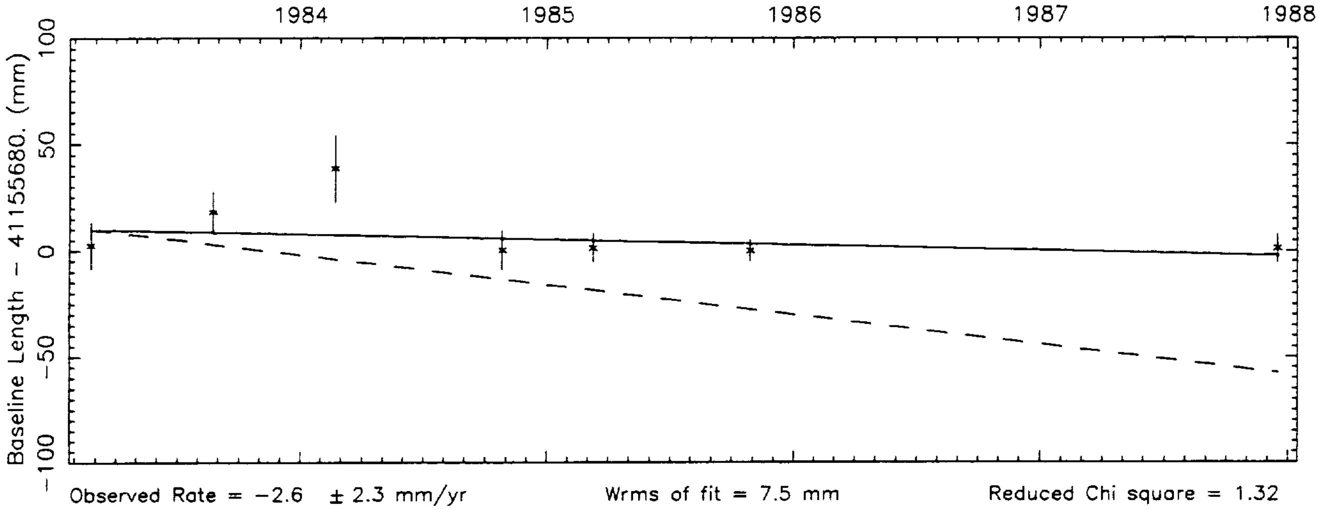
Wrms of fit = 66.2 mm

Reduced Chi square = 1.72

Vector baseline plots for JPL MV1 –PBLOSSOM

Baseline length = 41 kilometers

Number of sessions = 7



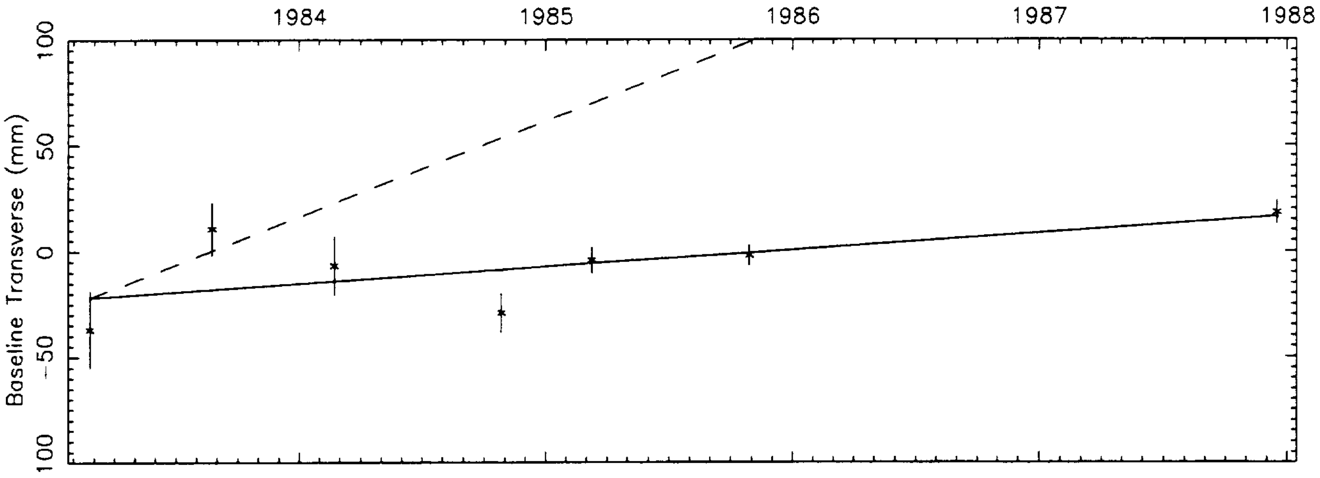
Observed Rate = –2.6 ± 2.3 mm/yr

NUVEL model rate = –14.0 mm/yr

Wrms of fit = 7.5 mm

Weighted mean length = 41155683.7 mm

Reduced Chi square = 1.32

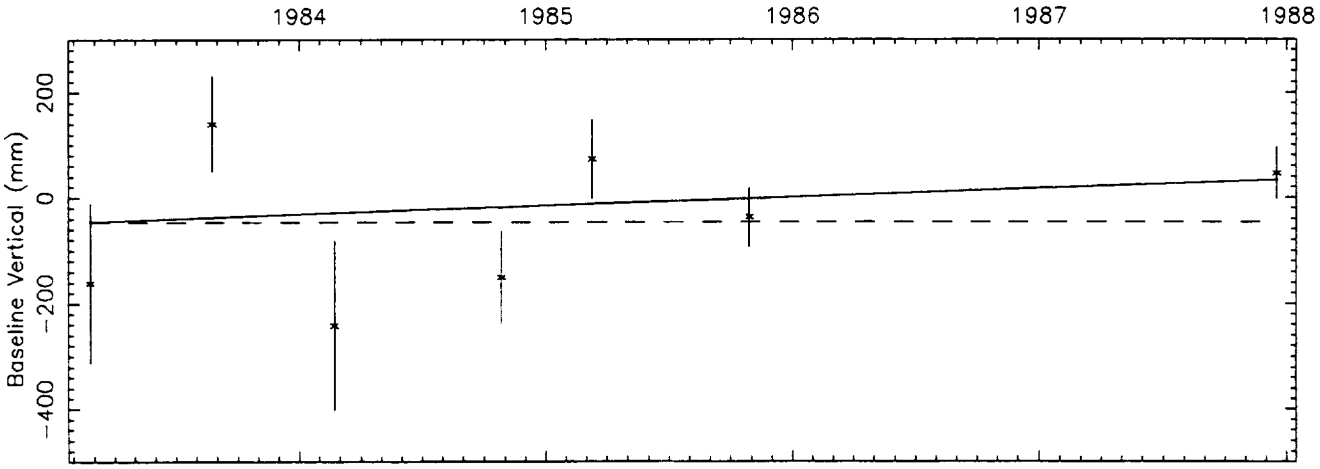


Observed Rate = 8.0 ± 3.1 mm/yr

NUVEL model rate = 45.1 mm/yr

Wrms of fit = 9.4 mm

Reduced Chi square = 2.34



Observed Rate = 16.3 ± 25.9 mm/yr

NUVEL model rate = –.2 mm/yr

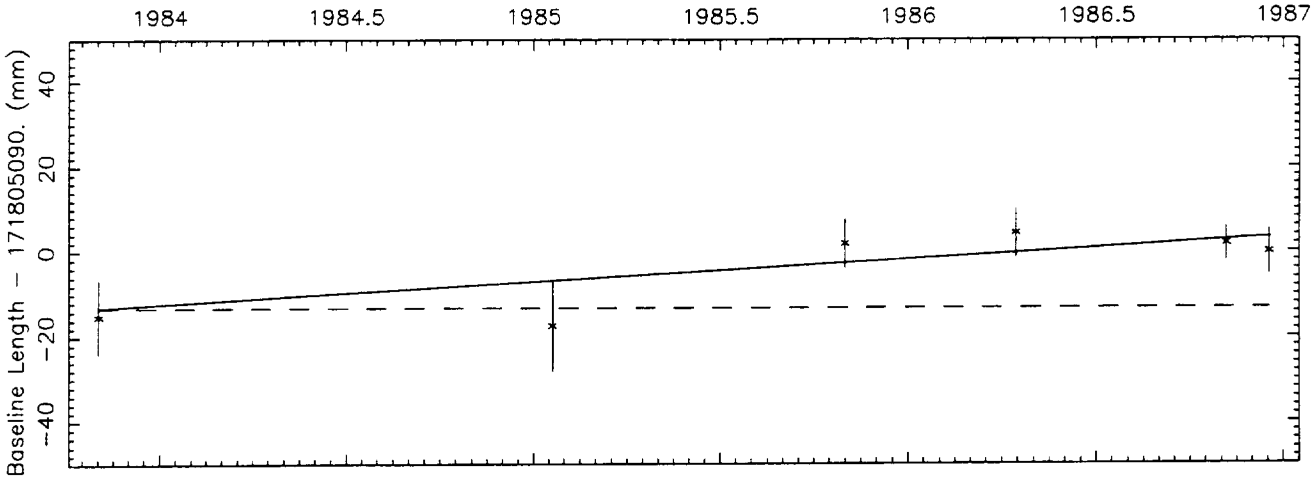
Wrms of fit = 90.4 mm

Reduced Chi square = 2.05

Vector baseline plots for JPL MV1 –PINFLATS

Baseline length = 172 kilometers

Number of sessions = 6



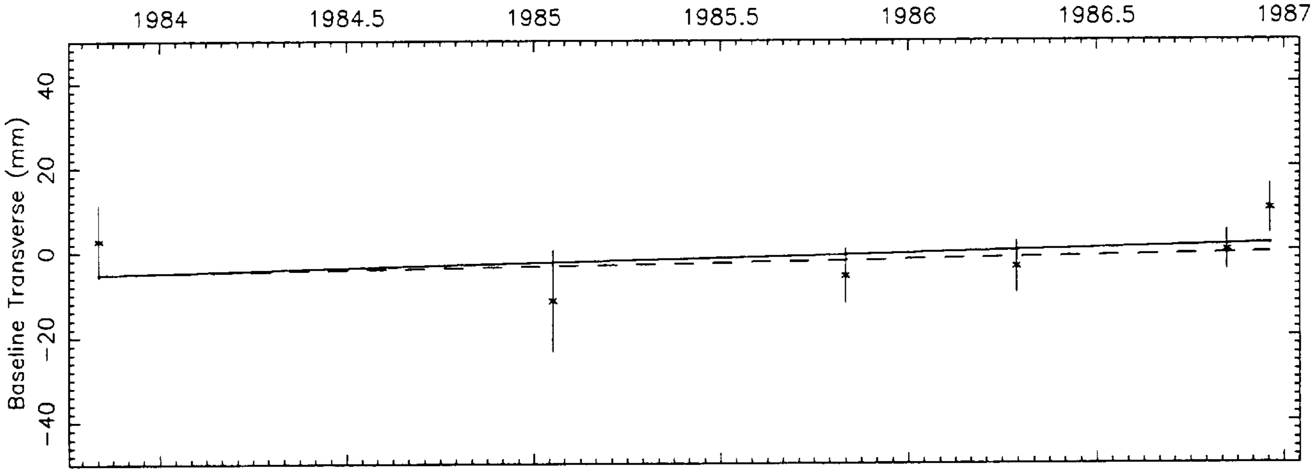
Observed Rate = 5.2 ± 2.3 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 3.9 mm

Weighted mean length = 171805089.7 mm

Reduced Chi square = .70

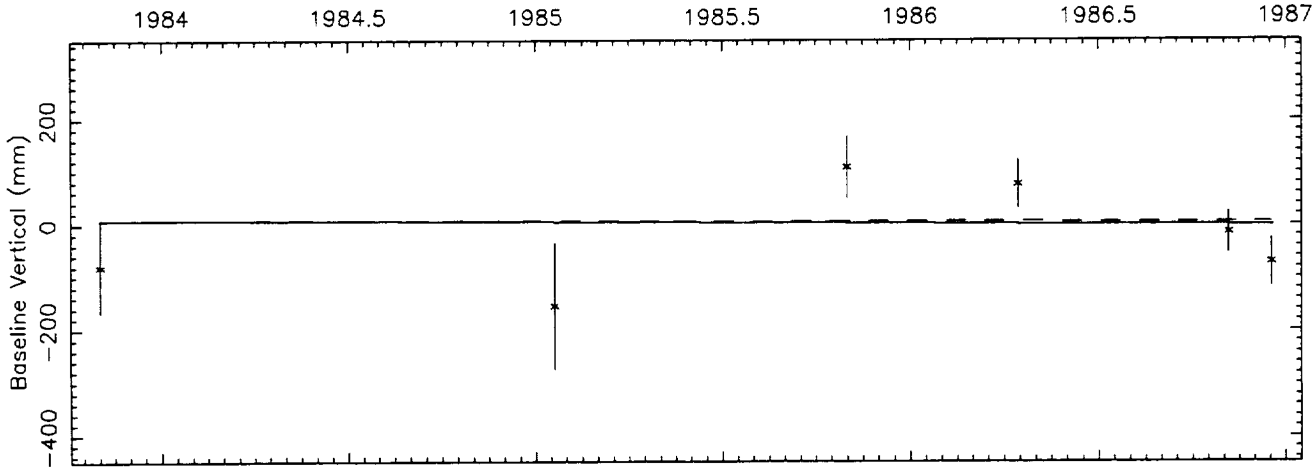


Observed Rate = 2.2 ± 3.0 mm/yr

NUVEL model rate = 1.5 mm/yr

Wrms of fit = 5.5 mm

Reduced Chi square = 1.10



Observed Rate = –3.3 ± 45.5 mm/yr

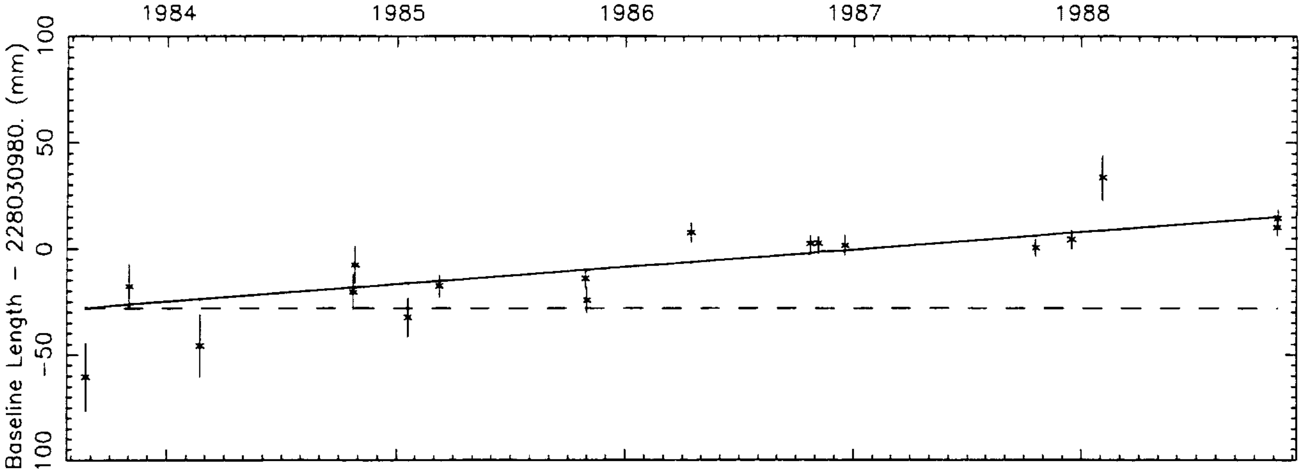
NUVEL model rate = –1.3 mm/yr

Wrms of fit = 73.7 mm

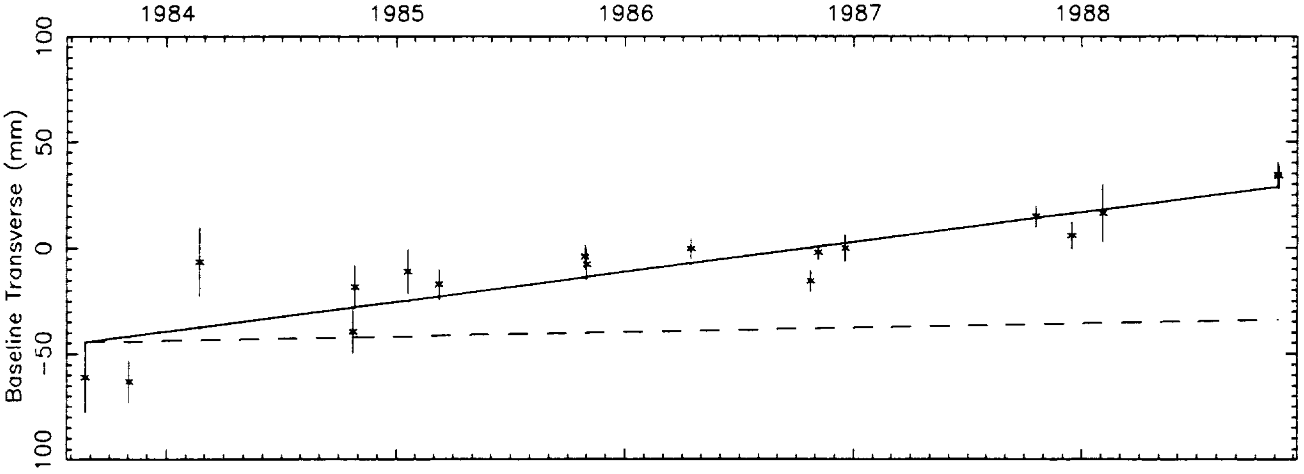
Reduced Chi square = 2.85

Vector baseline plots for JPL MV1 –VNDNBERG

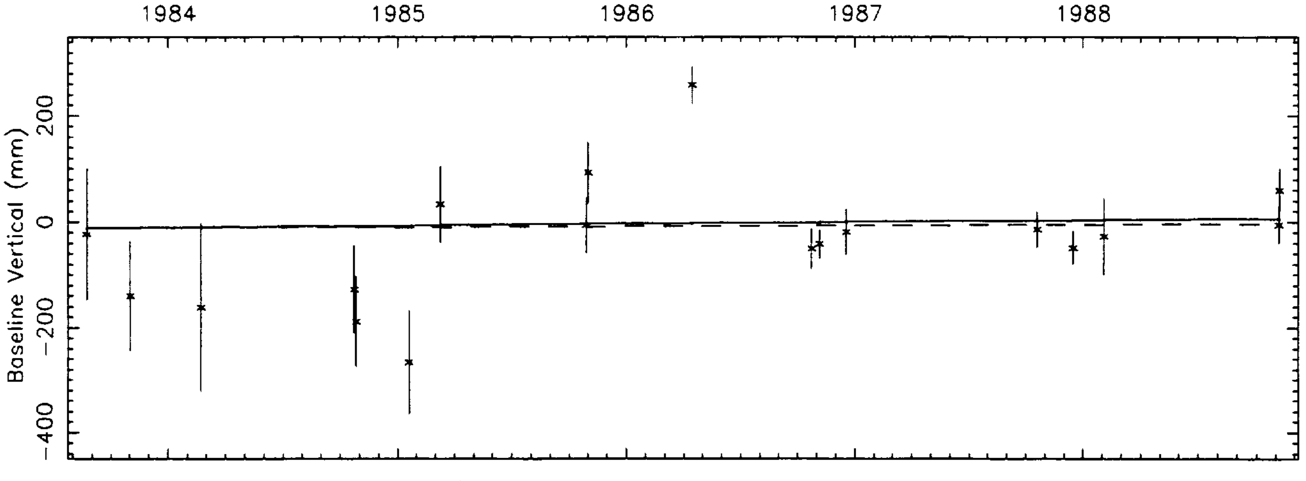
Baseline length = 228 kilometers Number of sessions = 18



Observed Rate = 8.2 ± 1.5 mm/yr Wrms of fit = 7.8 mm Reduced Chi square = 2.54
NUVEL model rate = .0 mm/yr Weighted mean length = 228030979.5 mm



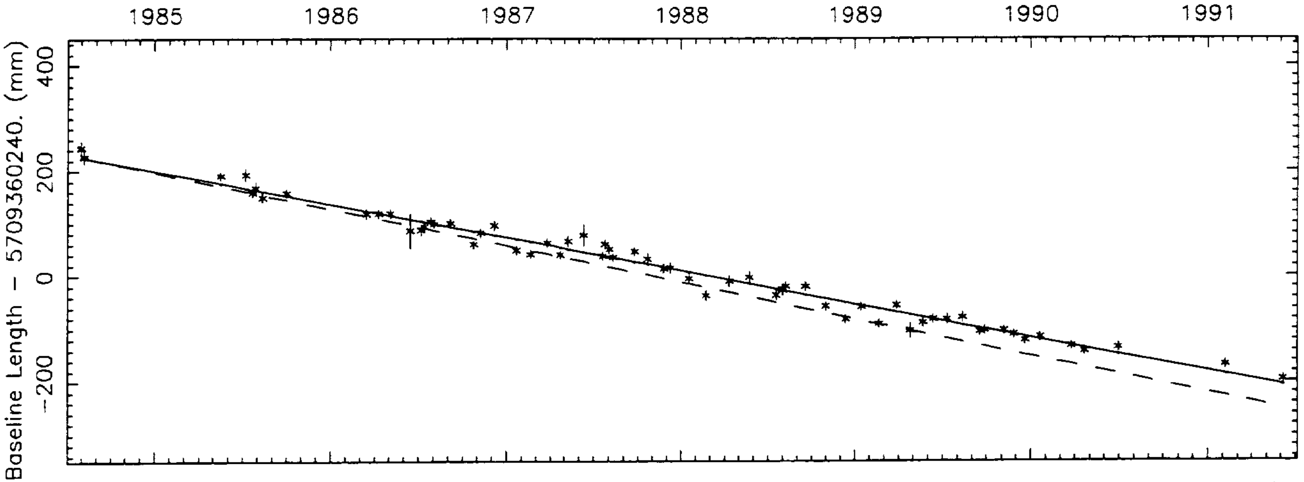
Observed Rate = 14.0 ± 1.7 mm/yr Wrms of fit = 8.9 mm Reduced Chi square = 2.17
NUVEL model rate = 2.0 mm/yr



Observed Rate = 3.4 ± 20.3 mm/yr Wrms of fit = 98.5 mm Reduced Chi square = 5.01
NUVEL model rate = 1.6 mm/yr

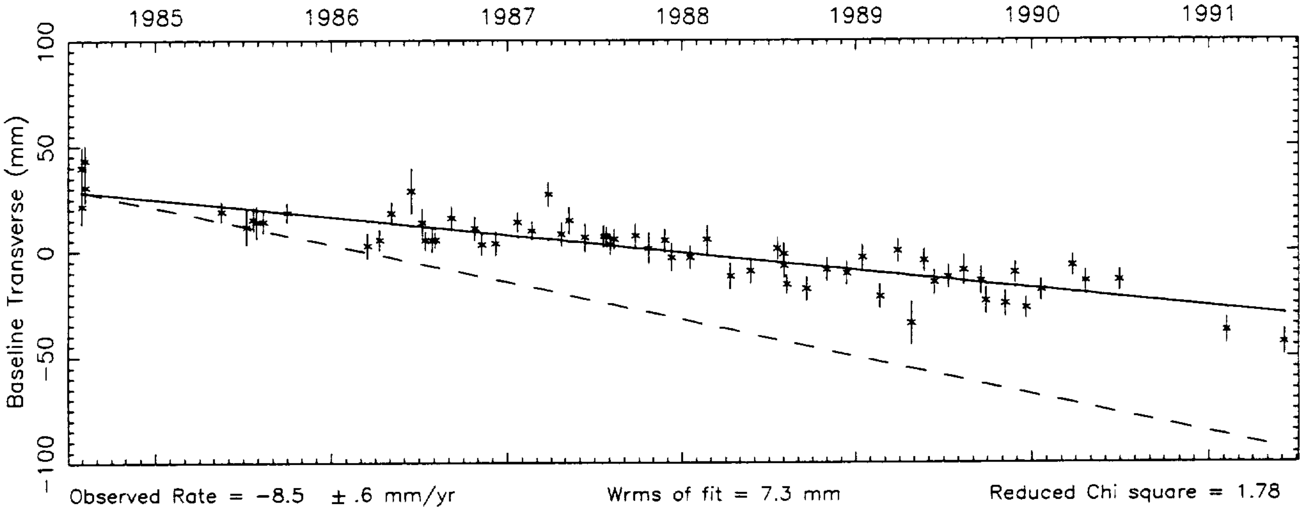
Vector baseline plots for KASHIMA -KAUAI

Baseline length = 5709 kilometers   Number of sessions = 66



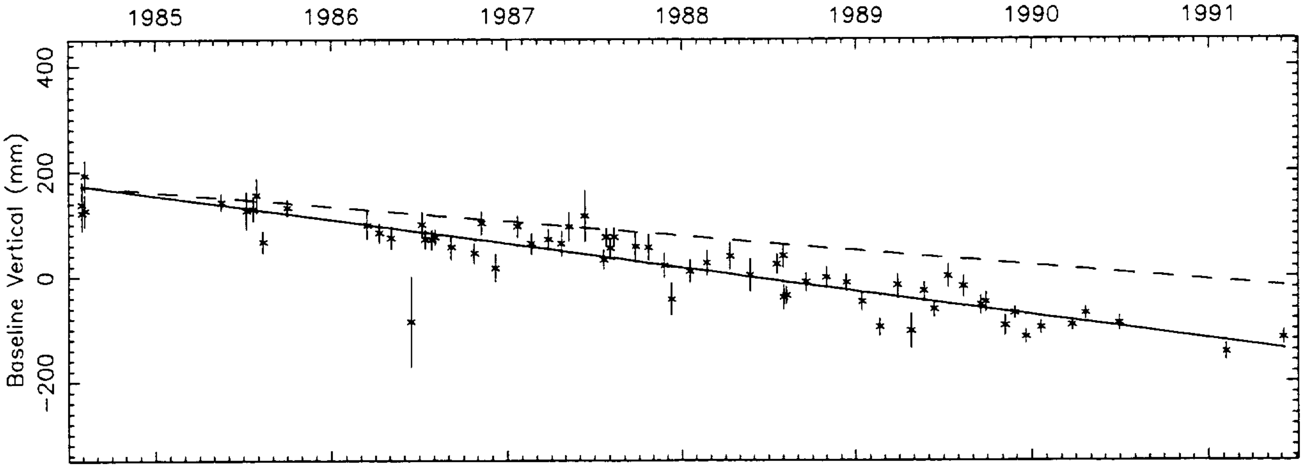
Observed Rate = -63.3 ± 1.0 mm/yr   Wrms of fit = 13.1 mm   Reduced Chi square = 2.78

NUVEL model rate = -69.6 mm/yr   Weighted mean length = 5709360244.2 mm



Observed Rate = -8.5 ± .6 mm/yr   Wrms of fit = 7.3 mm   Reduced Chi square = 1.78

NUVEL model rate = -17.7 mm/yr



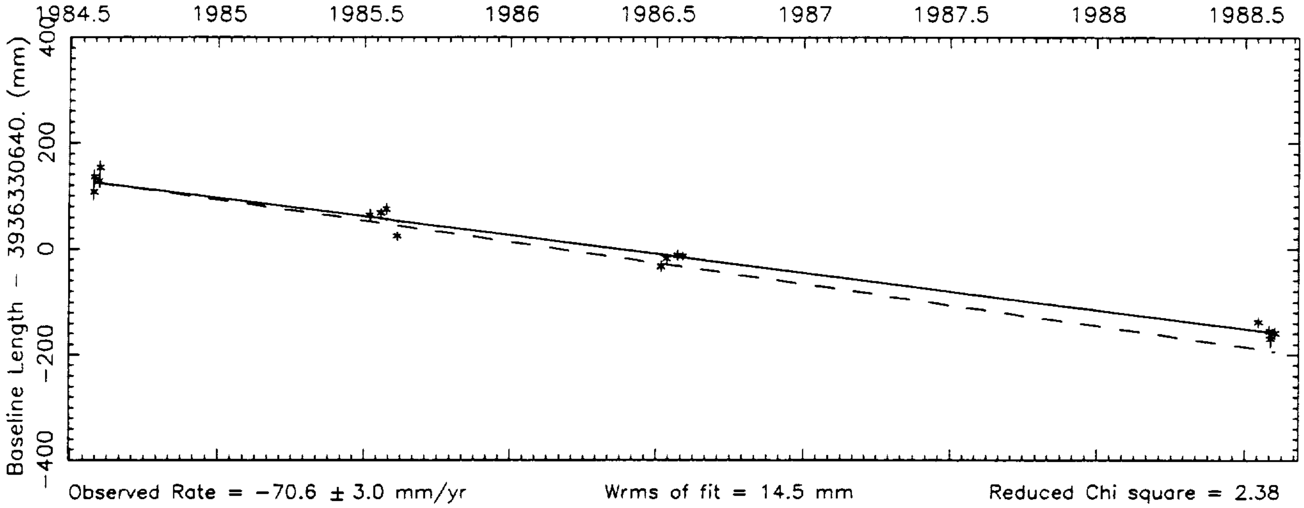
Observed Rate = -45.1 ± 1.9 mm/yr   Wrms of fit = 26.5 mm   . Reduced Chi square = 1.97

NUVEL model rate = -27.7 mm/yr

Vector baseline plots for KASHIMA –KWAJAL26

Baseline length = 3936 kilometers

Number of sessions = 16



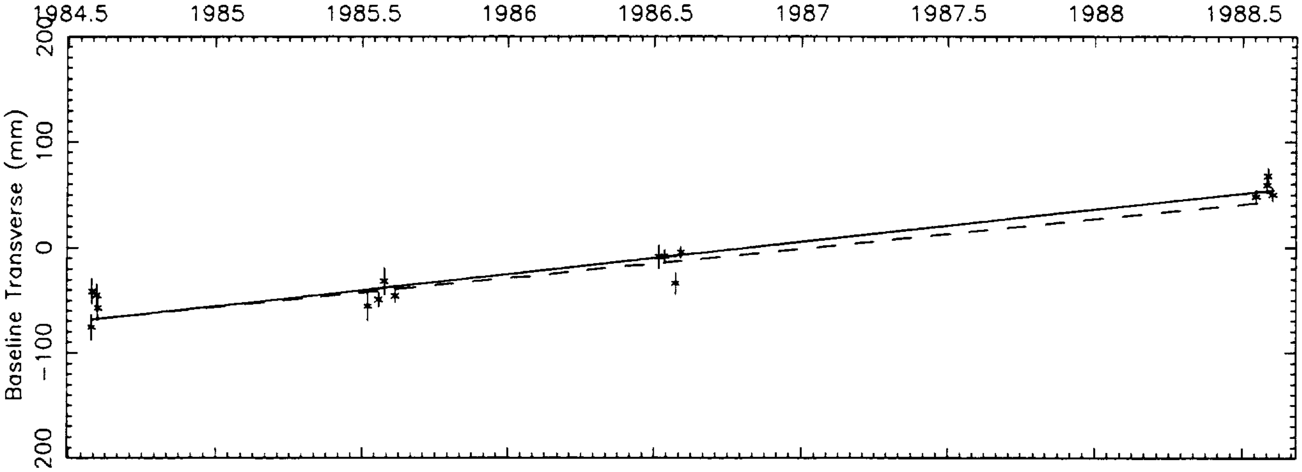
Observed Rate = –70.6 ± 3.0 mm/yr

Wrms of fit = 14.5 mm

Reduced Chi square = 2.38

NUVEL model rate = –79.5 mm/yr

Weighted mean length = 3936330637.0 mm

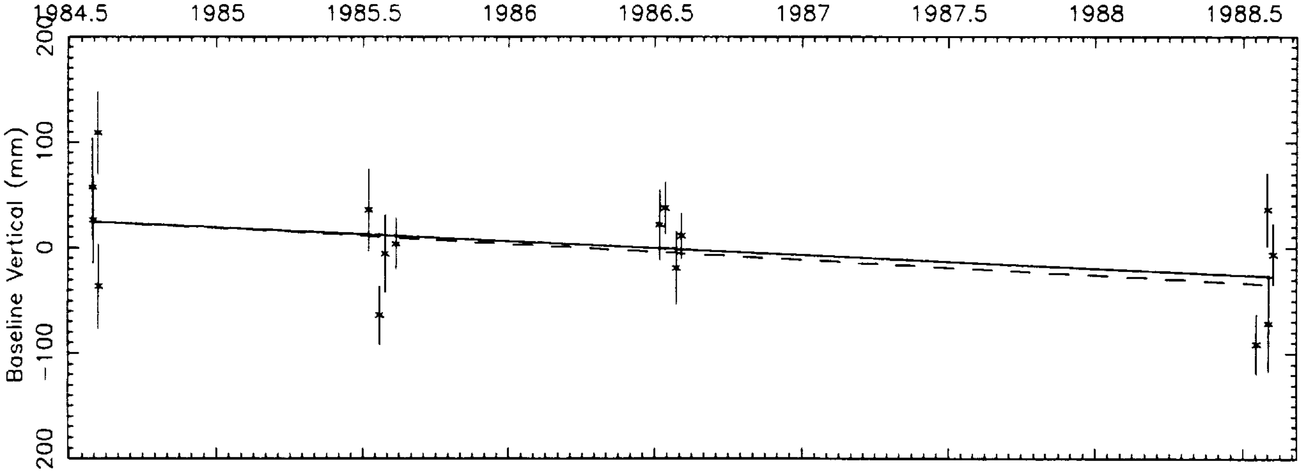


Observed Rate = 30.3 ± 1.9 mm/yr

Wrms of fit = 10.6 mm

Reduced Chi square = 1.88

NUVEL model rate = 27.7 mm/yr



Observed Rate = –12.9 ± 8.5 mm/yr

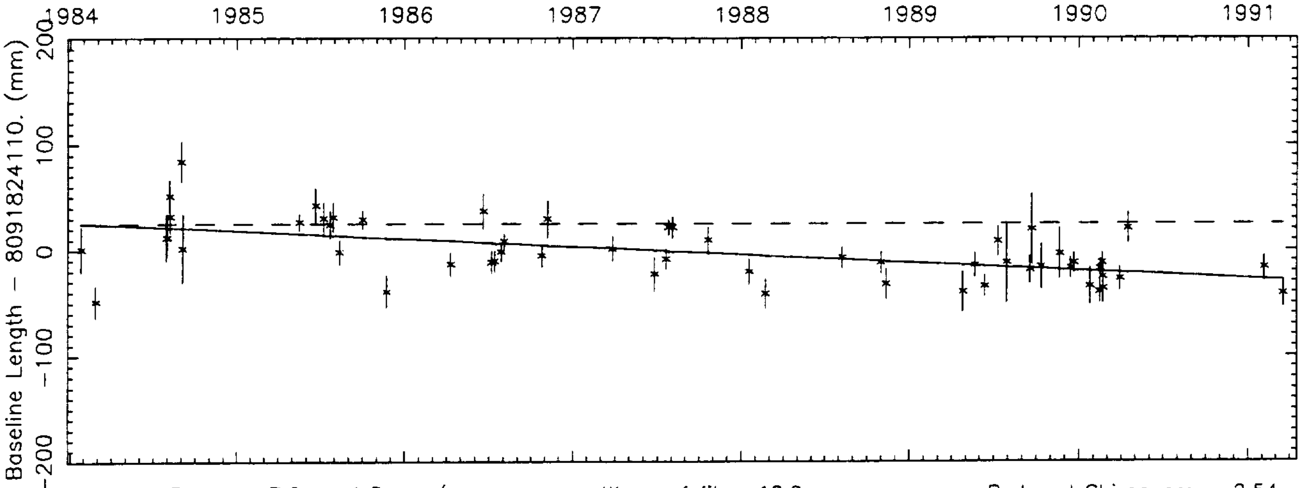
Wrms of fit = 42.5 mm

Reduced Chi square = 2.07

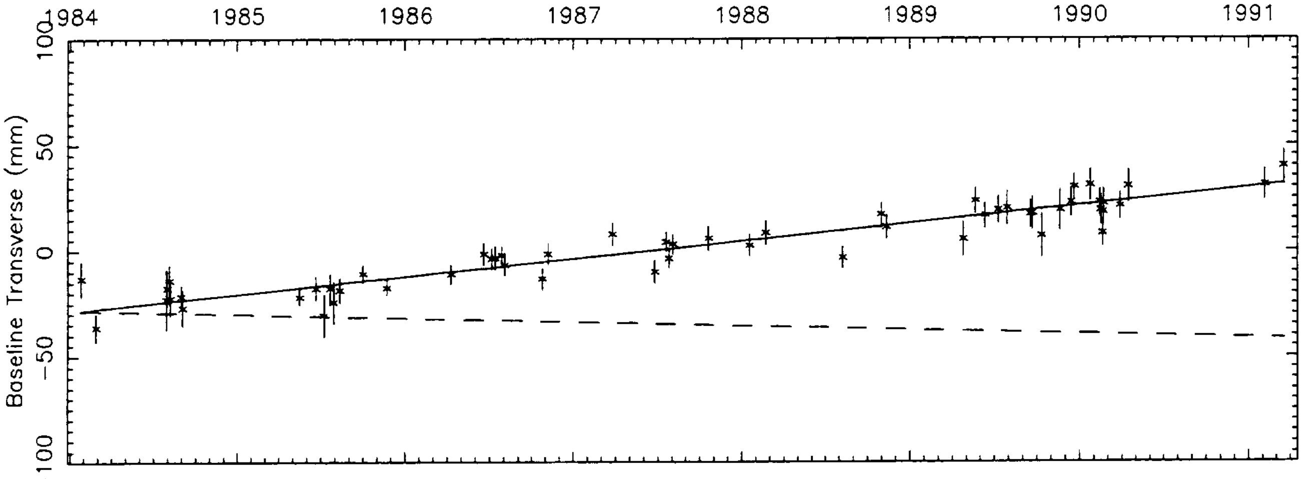
NUVEL model rate = –14.8 mm/yr

Vector baseline plots for KASHIMA -MOJAVE12

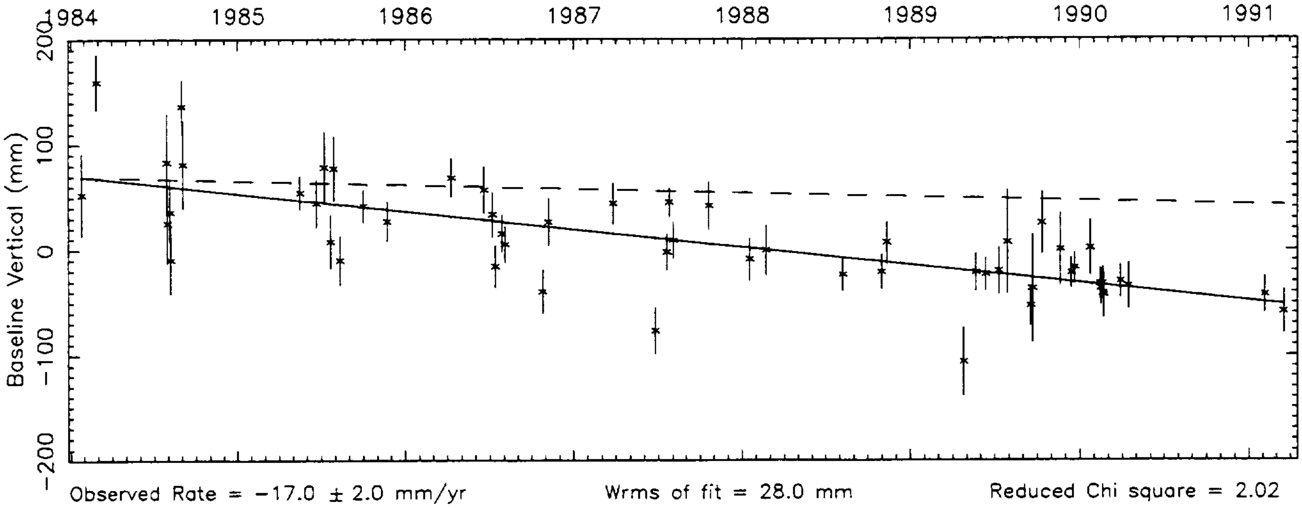
Baseline length = 8092 kilometers Number of sessions = 56



Observed Rate = -7.6 ± 1.3 mm/yr Wrms of fit = 18.9 mm Reduced Chi square = 2.54
NUVEL model rate = .0 mm/yr Weighted mean length = 8091824106.1 mm



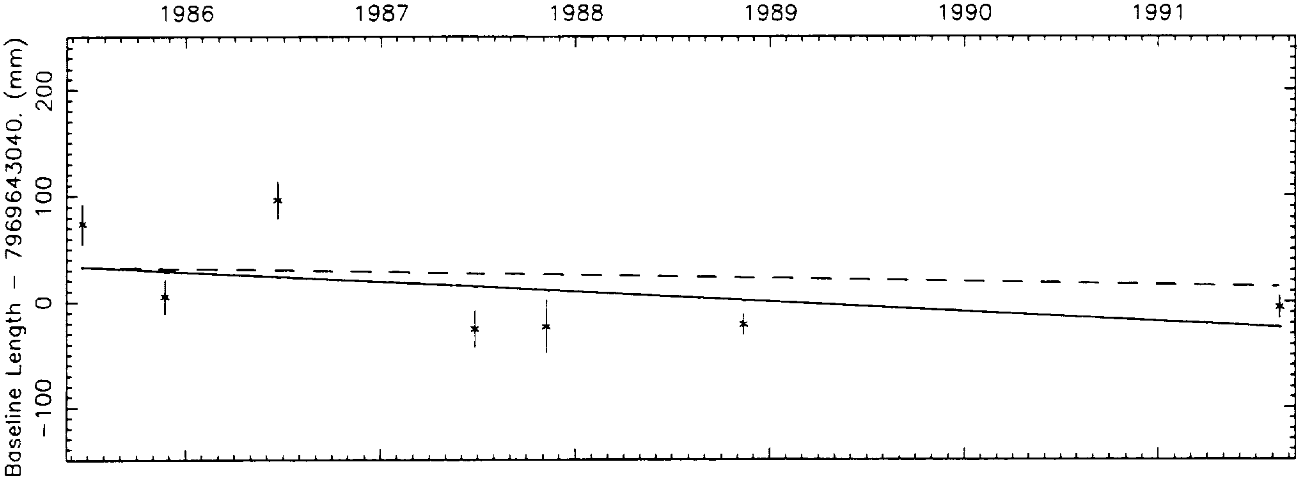
Observed Rate = 8.4 ± .4 mm/yr Wrms of fit = 5.8 mm Reduced Chi square = 1.03
NUVEL model rate = -1.8 mm/yr



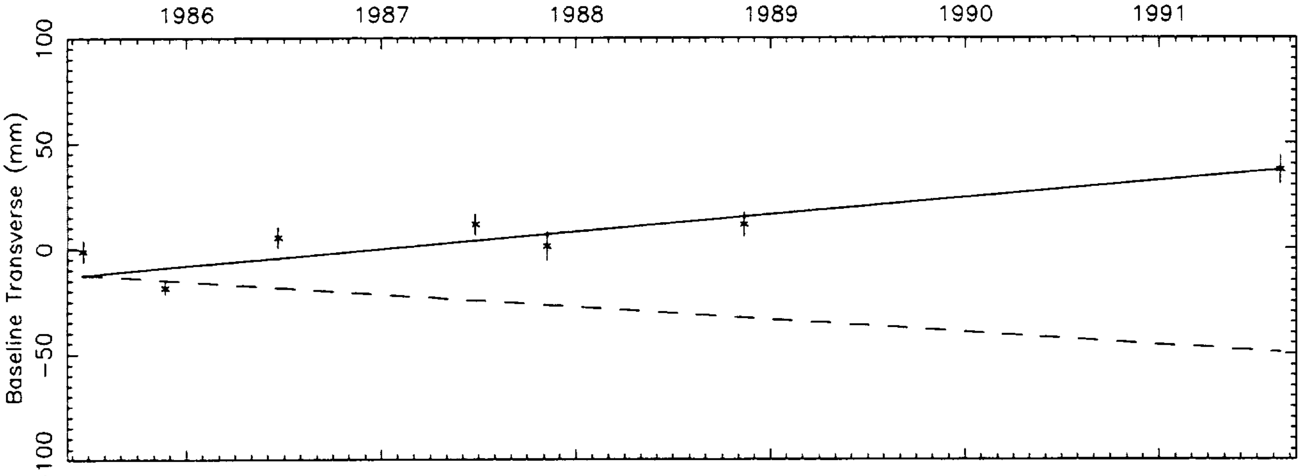
Observed Rate = -17.0 ± 2.0 mm/yr Wrms of fit = 28.0 mm Reduced Chi square = 2.02
NUVEL model rate = -3.8 mm/yr

Vector baseline plots for KASHIMA –ONSALA60

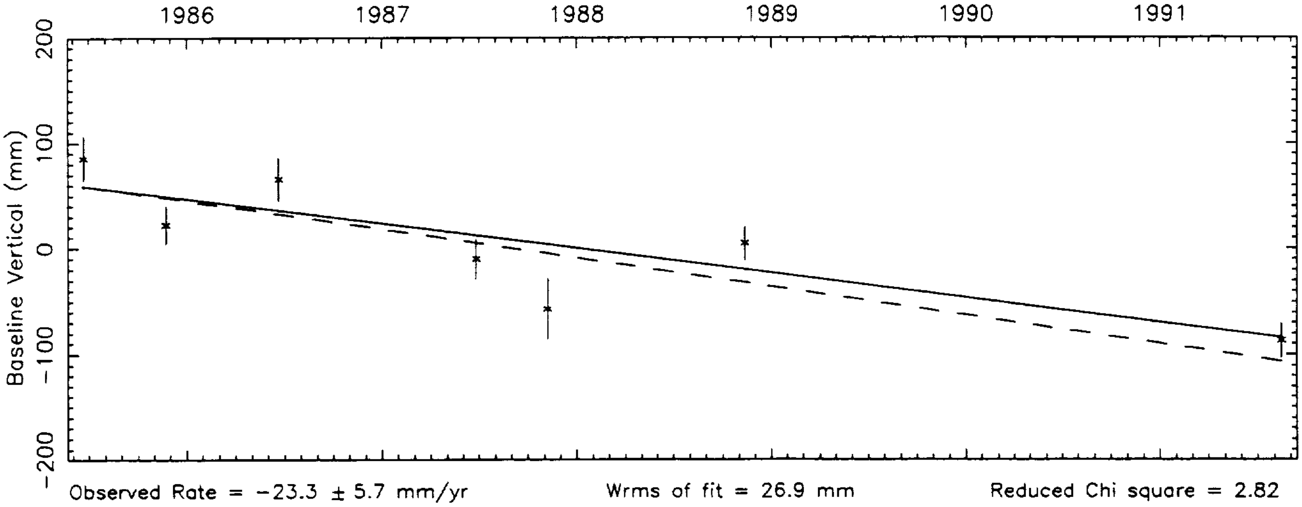
Baseline length = 7970 kilometers Number of sessions = 7



Observed Rate = –9.3 ± 7.2 mm/yr Wrms of fit = 34.4 mm Reduced Chi square = 7.87
NUVEL model rate = –3.1 mm/yr Weighted mean length = 7969643044.4 mm



Observed Rate = 8.0 ± 2.3 mm/yr Wrms of fit = 8.5 mm Reduced Chi square = 4.17
NUVEL model rate = –6.0 mm/yr

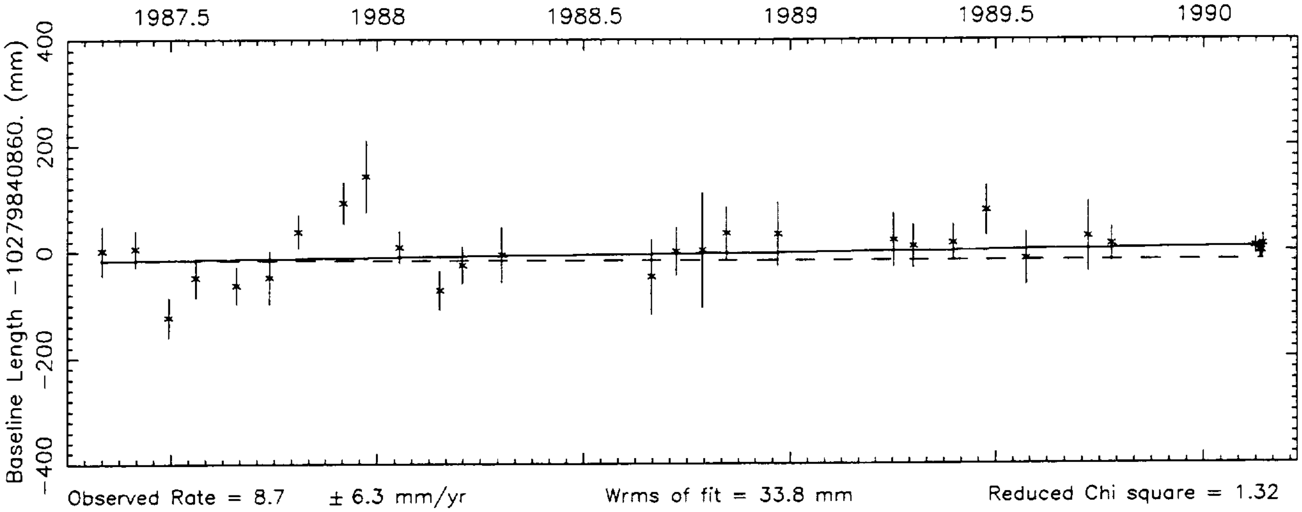


Observed Rate = –23.3 ± 5.7 mm/yr Wrms of fit = 26.9 mm Reduced Chi square = 2.82
NUVEL model rate = –26.9 mm/yr

Vector baseline plots for KASHIMA –RICHMOND

Baseline length = 10280 kilometers

Number of sessions = 29



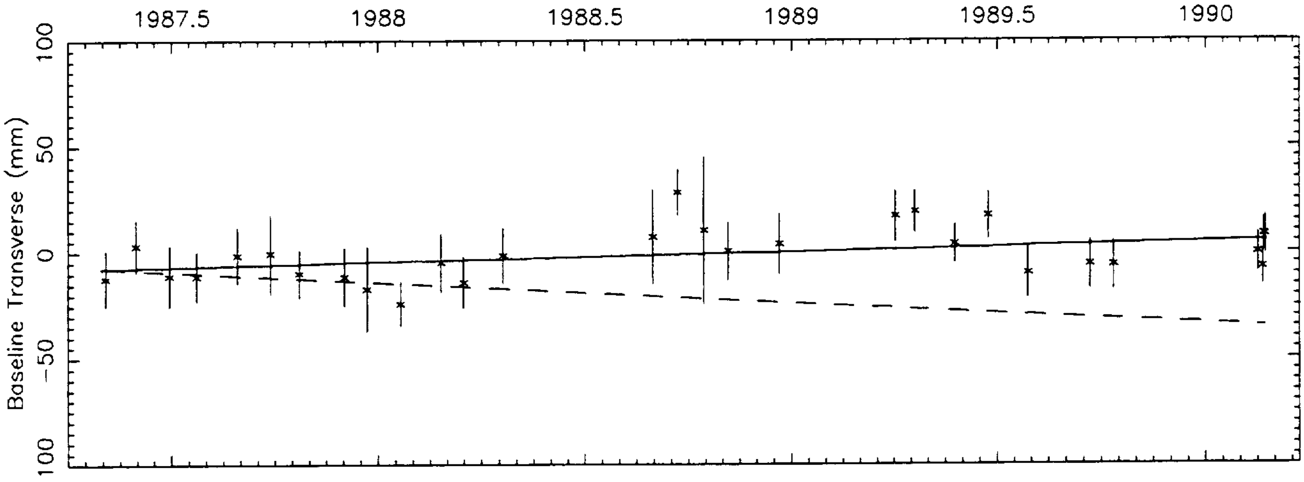
Observed Rate = 8.7 ± 6.3 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 33.8 mm

Weighted mean length = 10279840860.1 mm

Reduced Chi square = 1.32

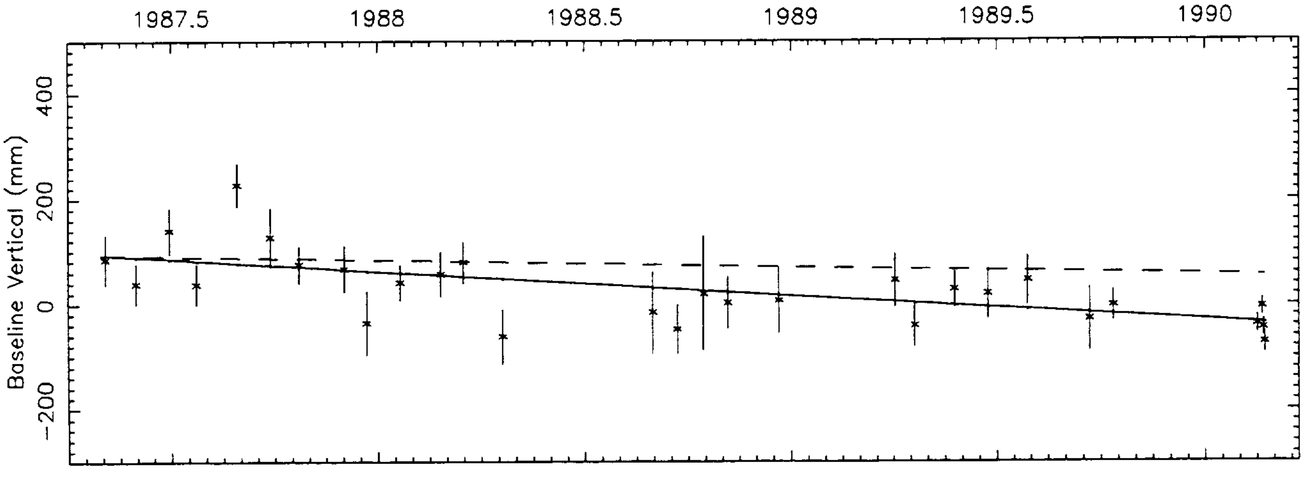


Observed Rate = 4.6 ± 2.2 mm/yr

NUVEL model rate = –9.7 mm/yr

Wrms of fit = 11.0 mm

Reduced Chi square = .97



Observed Rate = –46.0 ± 7.6 mm/yr

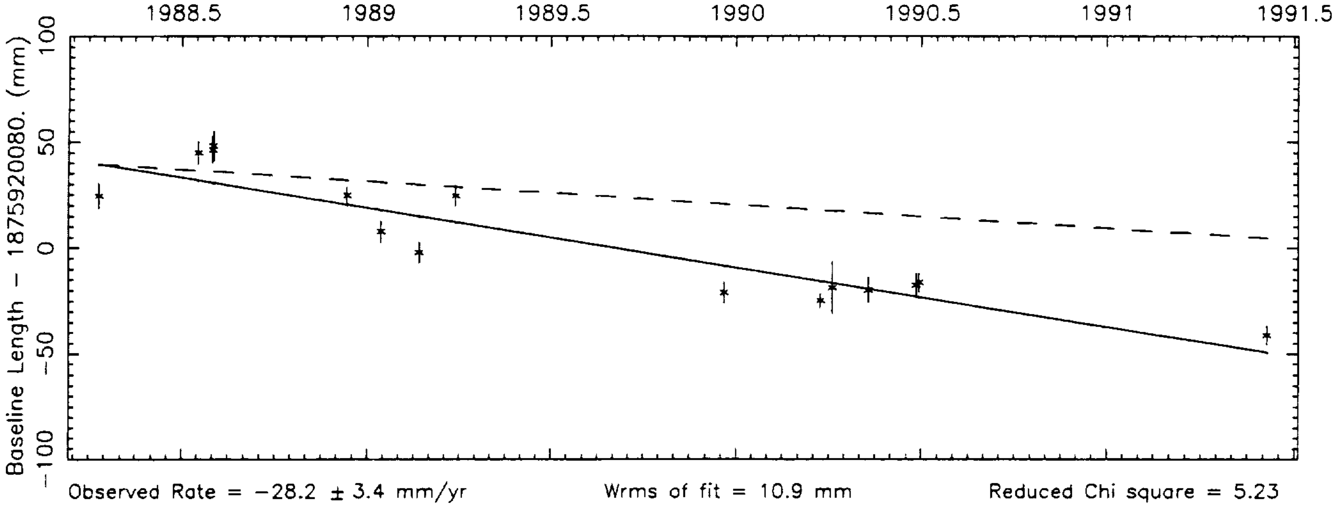
NUVEL model rate = –13.2 mm/yr

Wrms of fit = 39.5 mm

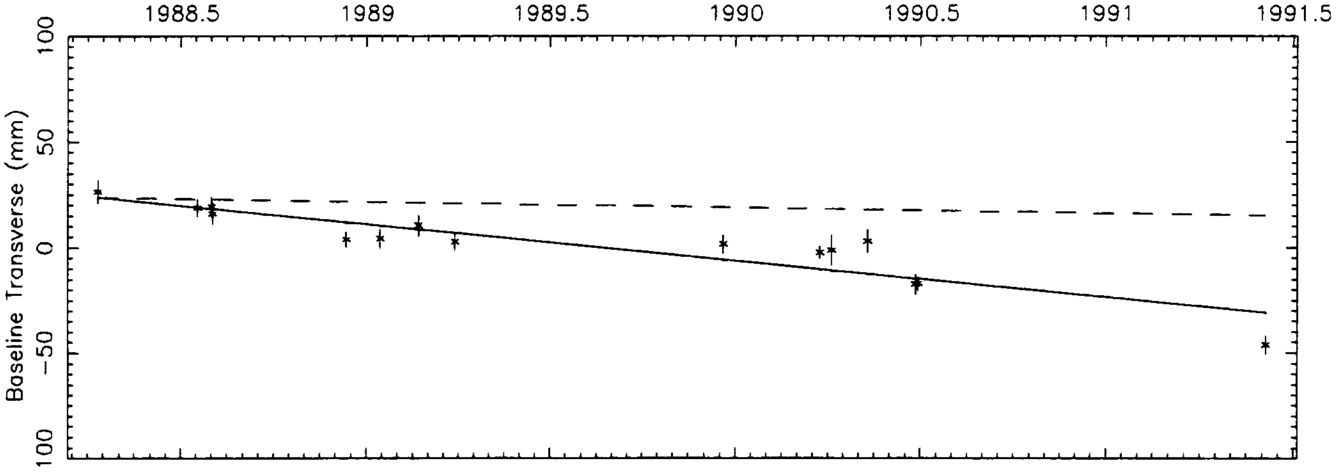
Reduced Chi square = 1.56

Vector baseline plots for KASHIMA -SESHAN25

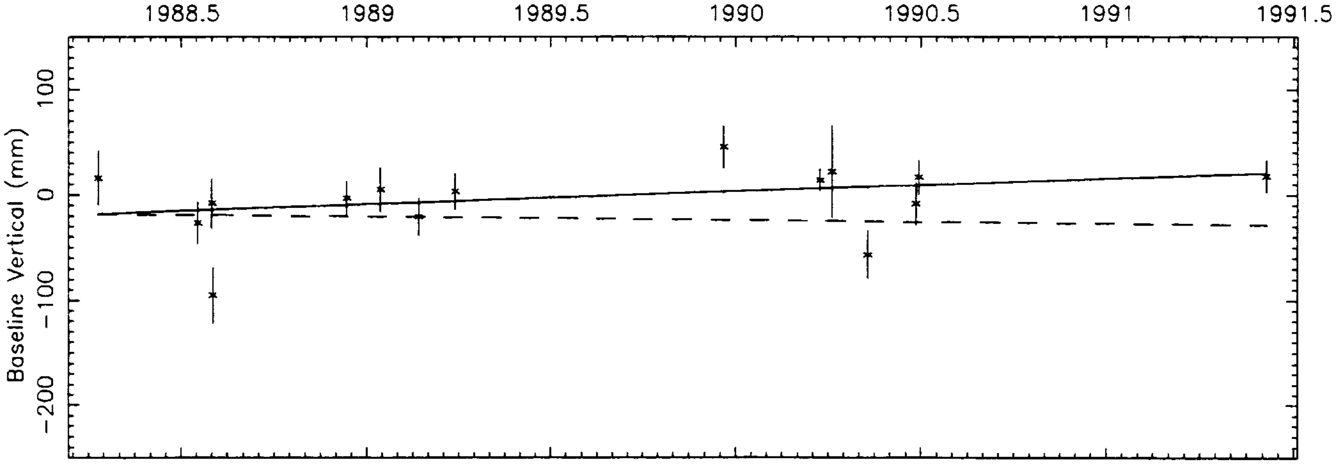
Baseline length = 1876 kilometers   Number of sessions = 15



Observed Rate = -28.2 ± 3.4 mm/yr   Wrms of fit = 10.9 mm   Reduced Chi square = 5.23
NUVEL model rate = -11.0 mm/yr   Weighted mean length = 1875920080.0 mm



Observed Rate = -17.3 ± 2.2 mm/yr   Wrms of fit = 7.1 mm   Reduced Chi square = 3.19
NUVEL model rate = -2.7 mm/yr

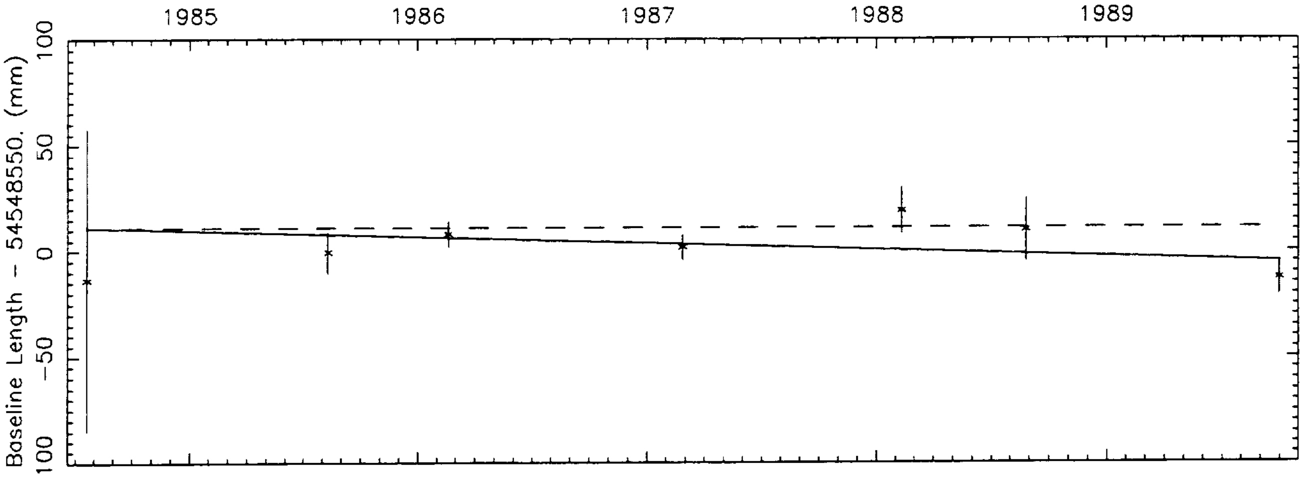


Observed Rate = 12.4 ± 7.8 mm/yr   Wrms of fit = 24.8 mm   Reduced Chi square = 2.09
NUVEL model rate = -3.2 mm/yr

Vector baseline plots for KASHIMA –TSUKUBA

Baseline length = 55 kilometers

Number of sessions = 7



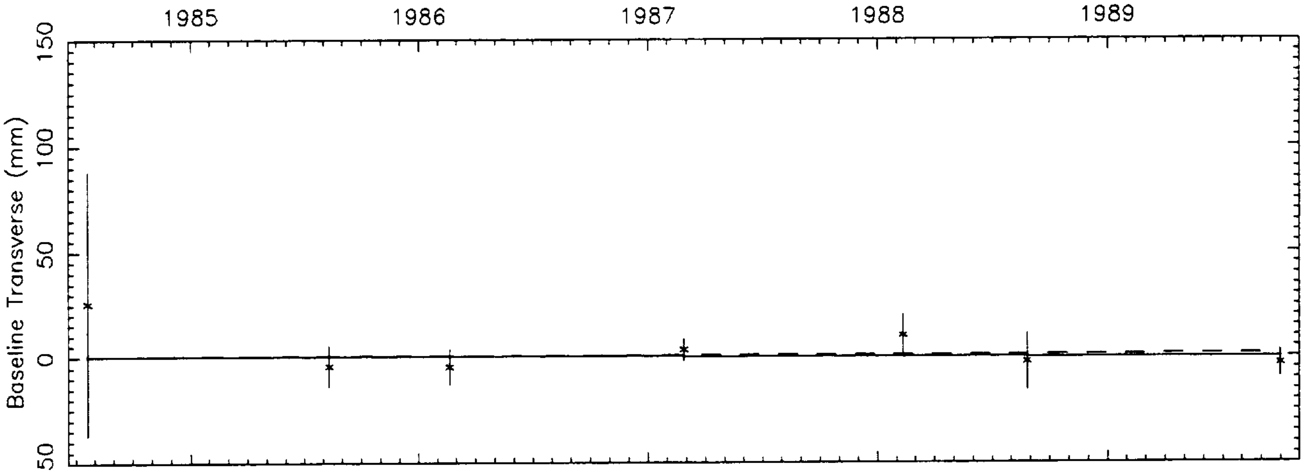
Observed Rate = –3.1 ± 2.5 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 7.7 mm

Weighted mean length = 54548552.5 mm

Reduced Chi square = 1.14

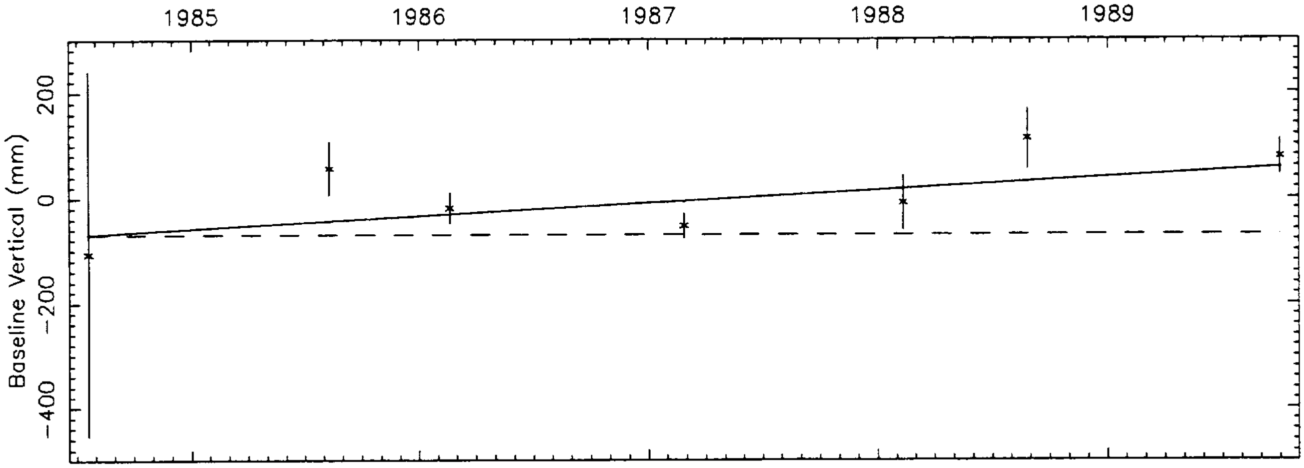


Observed Rate = –.1 ± 1.5 mm/yr

NUVEL model rate = .1 mm/yr

Wrms of fit = 4.8 mm

Reduced Chi square = .47



Observed Rate = 24.3 ± 15.6 mm/yr

NUVEL model rate = –.1 mm/yr

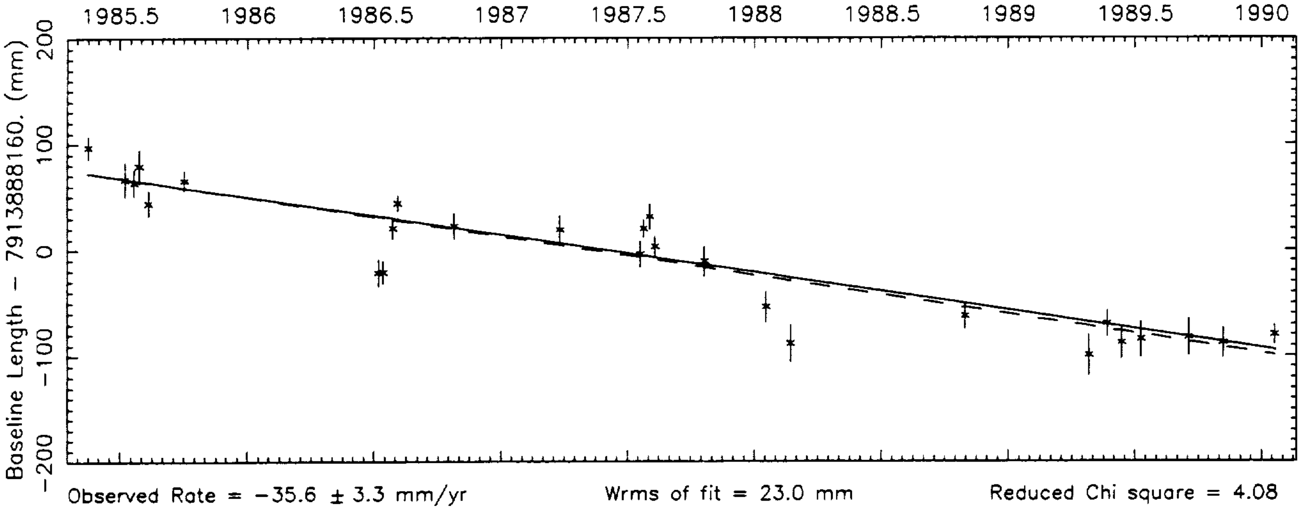
Wrms of fit = 46.7 mm

Reduced Chi square = 2.13

Vector baseline plots for KASHIMA -VNDNBERG

Baseline length = 7914 kilometers

Number of sessions = 27



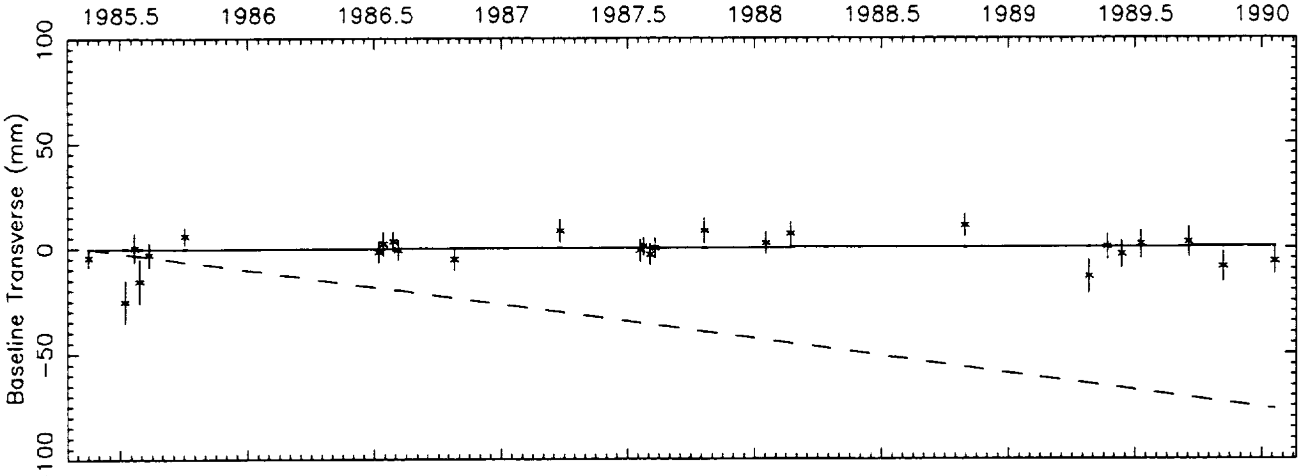
Observed Rate = -35.6 ± 3.3 mm/yr

NUVEL model rate = -36.6 mm/yr

Wrms of fit = 23.0 mm

Weighted mean length = 7913888161.1 mm

Reduced Chi square = 4.08

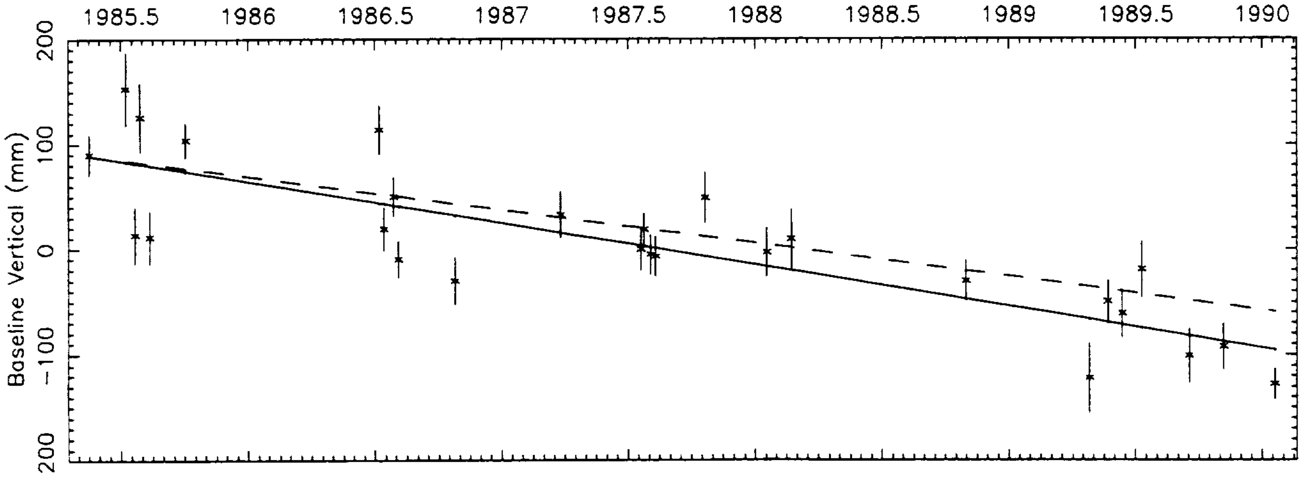


Observed Rate = .2 ± .9 mm/yr

NUVEL model rate = -16.3 mm/yr

Wrms of fit = 5.8 mm

Reduced Chi square = 1.17



Observed Rate = -39.4 ± 4.7 mm/yr

NUVEL model rate = -31.7 mm/yr

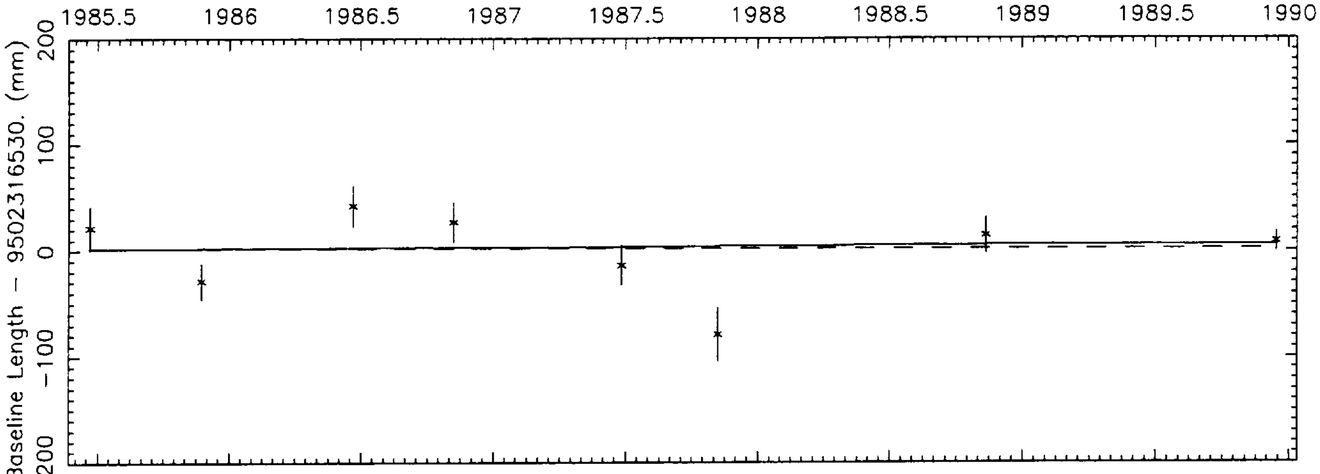
Wrms of fit = 34.7 mm

Reduced Chi square = 2.93

Vector baseline plots for KASHIMA –WESTFORD

Baseline length = 9502 kilometers

Number of sessions = 8



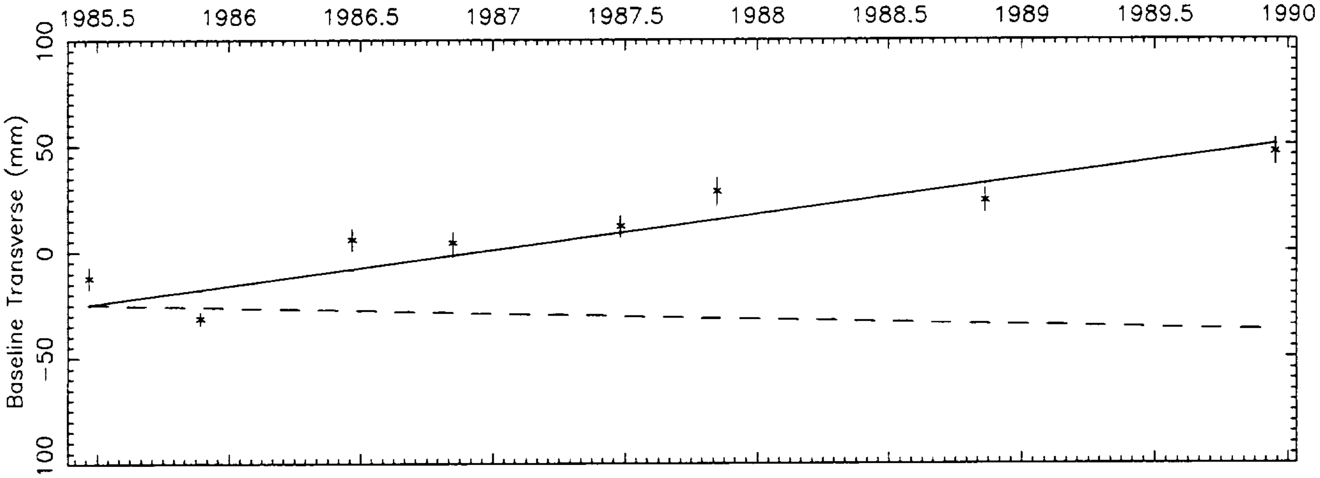
Observed Rate = .9 ± 6.5 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 26.8 mm

Weighted mean length = 9502316533.9 mm

Reduced Chi square = 3.67

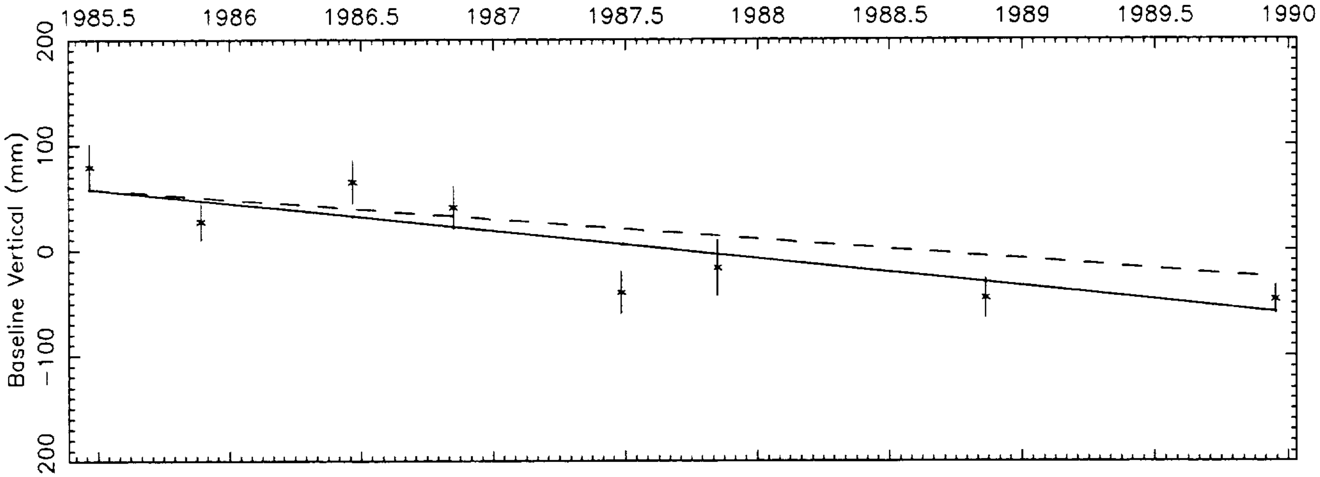


Observed Rate = 16.7 ± 3.3 mm/yr

NUVEL model rate = –2.8 mm/yr

Wrms of fit = 10.9 mm

Reduced Chi square = 6.41



Observed Rate = –26.0 ± 6.0 mm/yr

NUVEL model rate = –18.7 mm/yr

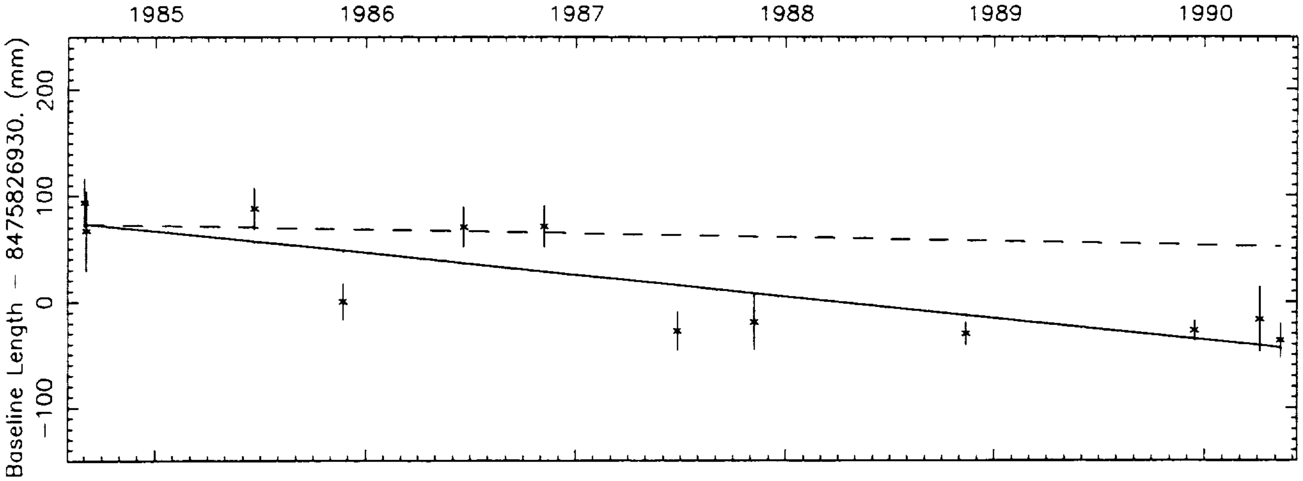
Wrms of fit = 23.6 mm

Reduced Chi square = 2.11

Vector baseline plots for KASHIMA –WETTZELL

Baseline length = 8476 kilometers

Number of sessions = 12



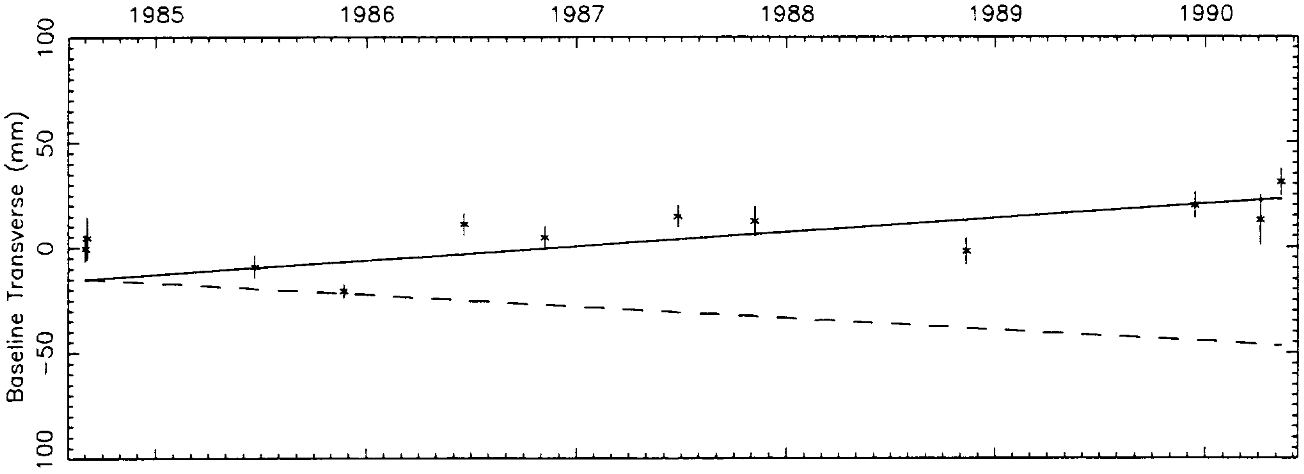
Observed Rate = –20.5 ± 4.5 mm/yr

NUVEL model rate = –3.7 mm/yr

Wrms of fit = 26.4 mm

Weighted mean length = 8475826930.4 mm

Reduced Chi square = 2.93

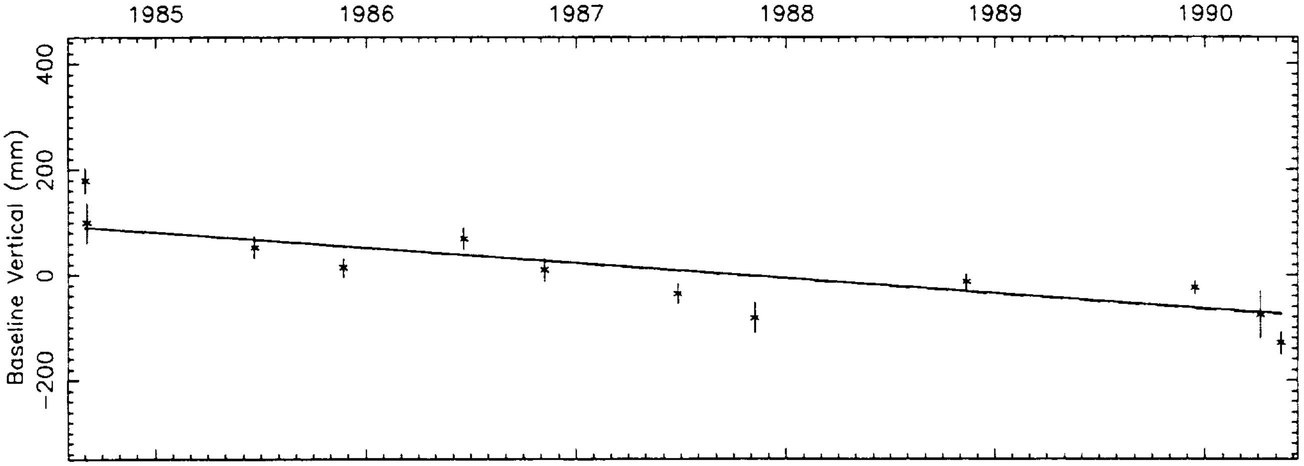


Observed Rate = 6.7 ± 2.2 mm/yr

NUVEL model rate = –5.5 mm/yr

Wrms of fit = 11.5 mm

Reduced Chi square = 5.08



Observed Rate = –28.9 ± 7.1 mm/yr

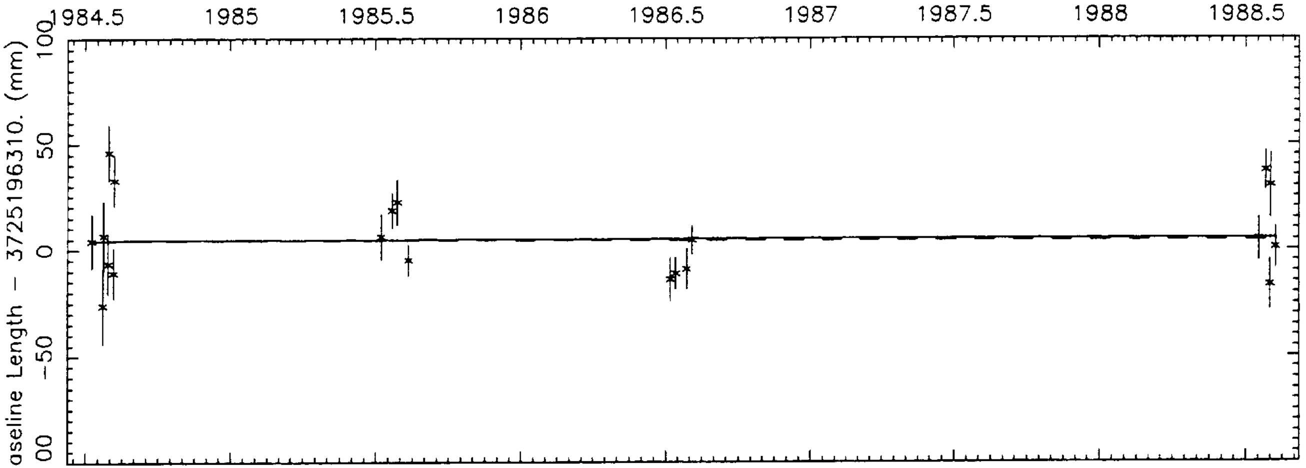
NUVEL model rate = –29.3 mm/yr

Wrms of fit = 42.5 mm

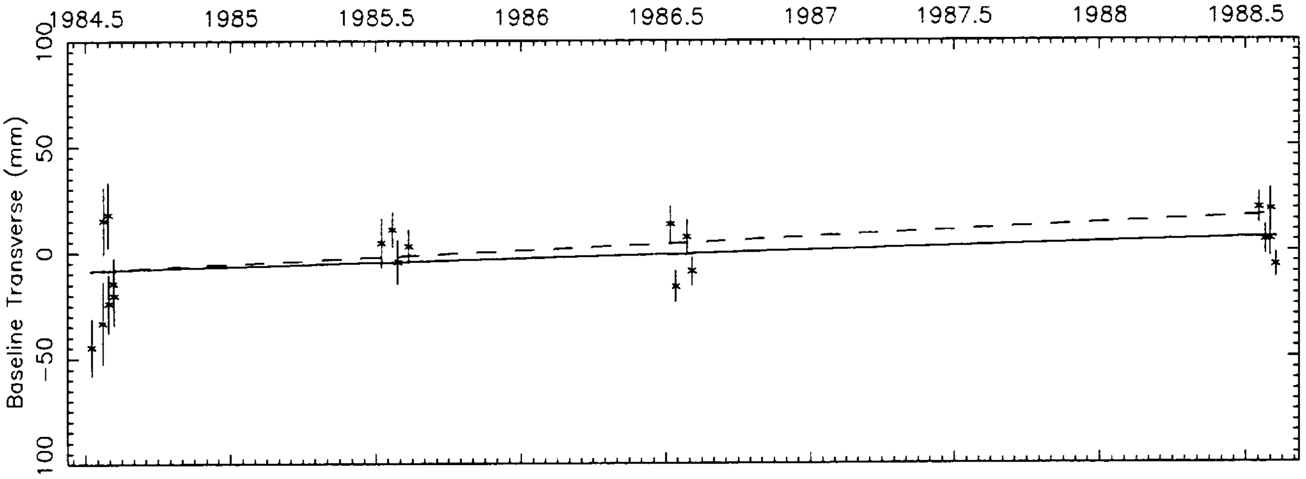
Reduced Chi square = 5.30

Vector baseline plots for KAUAI   –KWAJAL26

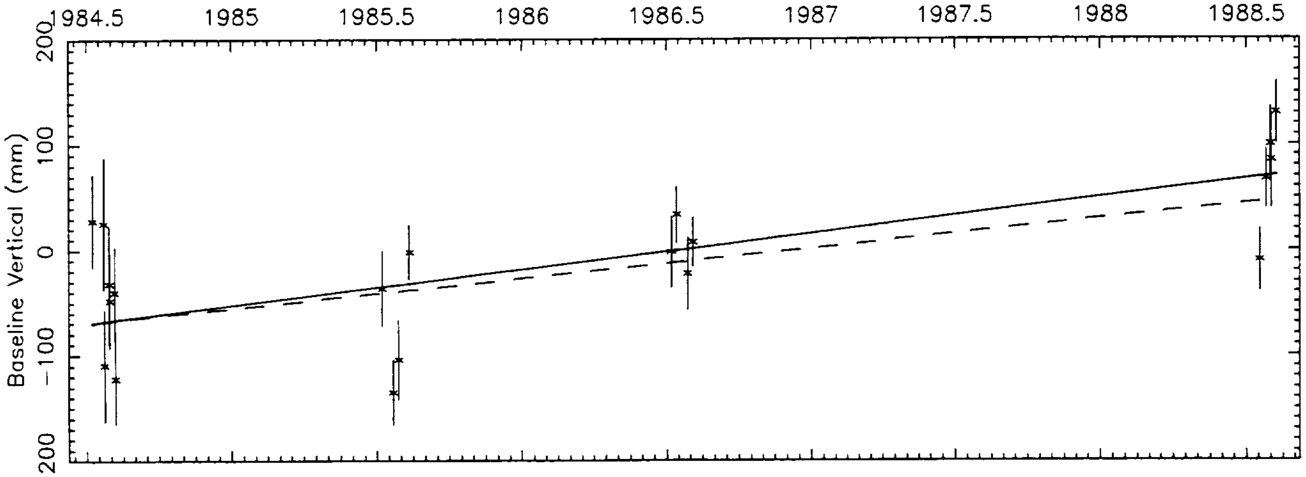
Baseline length = 3725 kilometers   Number of sessions = 20



Observed Rate = .2   ± 2.9 mm/yr   Wrms of fit = 17.1 mm   Reduced Chi square = 3.11
NUVEL model rate = .0 mm/yr   Weighted mean length = 3725196314.7 mm



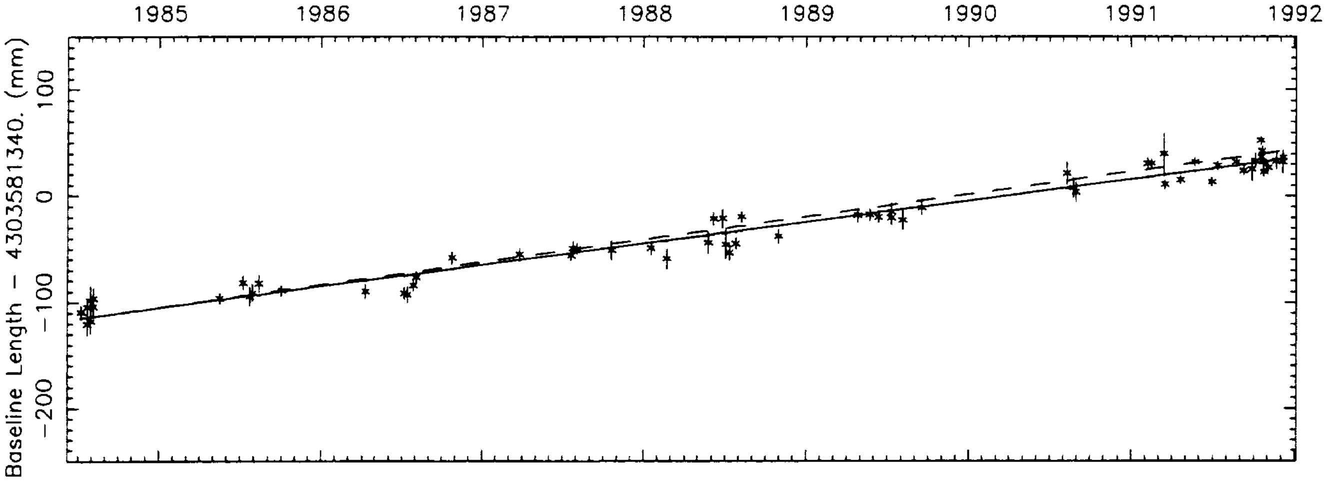
Observed Rate = 3.7   ± 2.1 mm/yr   Wrms of fit = 13.0 mm   Reduced Chi square = 2.29
NUVEL model rate = 6.3 mm/yr



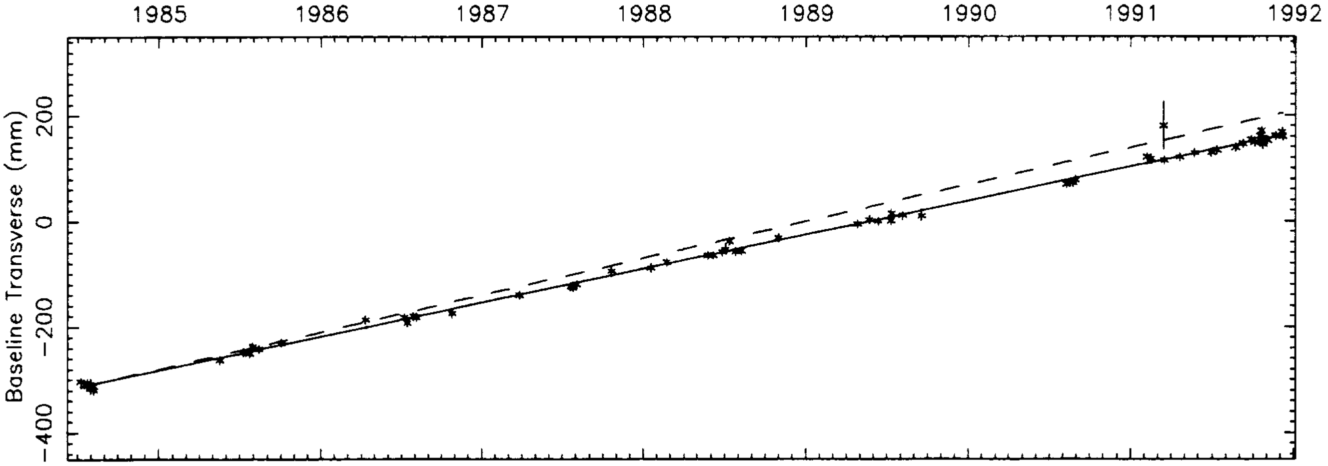
Observed Rate = 34.2   ± 7.9 mm/yr   Wrms of fit = 48.7 mm   Reduced Chi square = 2.22
NUVEL model rate = 28.5 mm/yr

Vector baseline plots for KAUAI −MOJAVE12

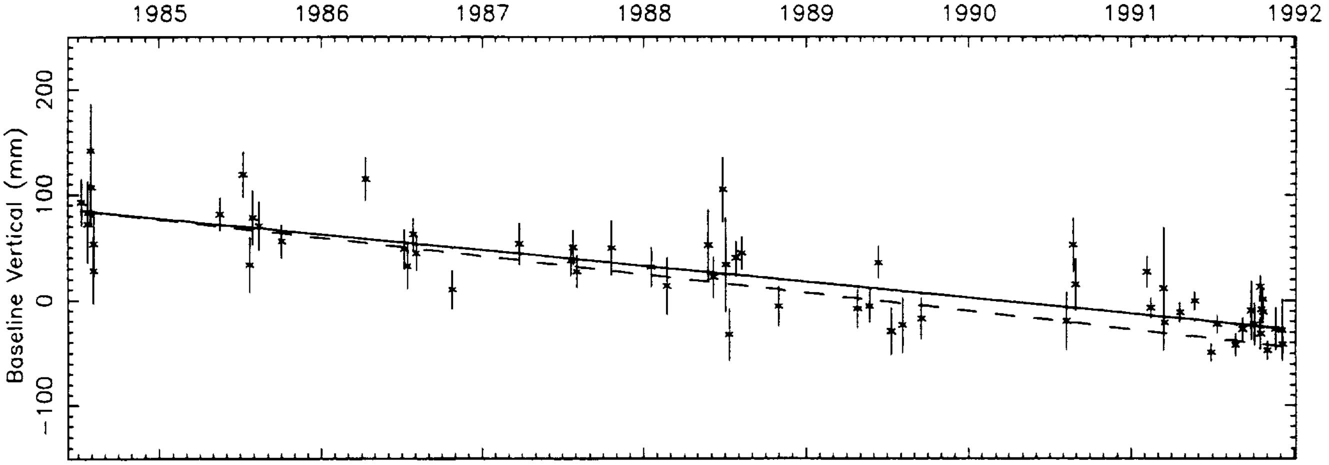
Baseline length = 4304 kilometers Number of sessions = 65



Observed Rate = 20.2 ± .5 mm/yr Wrms of fit = 8.7 mm Reduced Chi square = 2.92
NUVEL model rate = 21.3 mm/yr Weighted mean length = 4303581335.6 mm



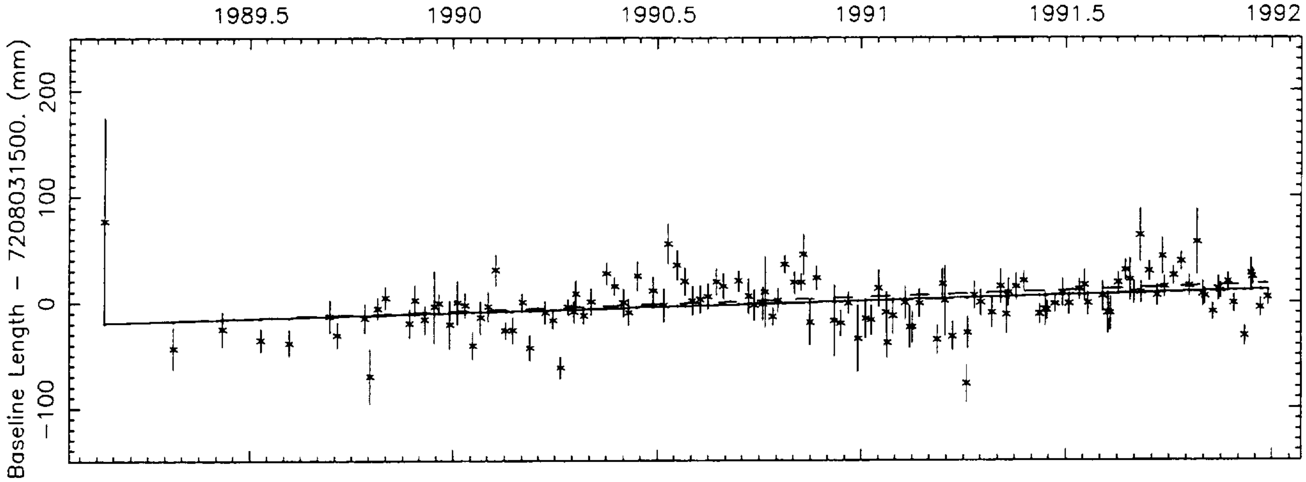
Observed Rate = 64.1 ± .3 mm/yr Wrms of fit = 6.1 mm Reduced Chi square = 1.71
NUVEL model rate = 69.7 mm/yr



Observed Rate = −15.0 ± 1.2 mm/yr Wrms of fit = 21.5 mm Reduced Chi square = 2.11
NUVEL model rate = −17.3 mm/yr

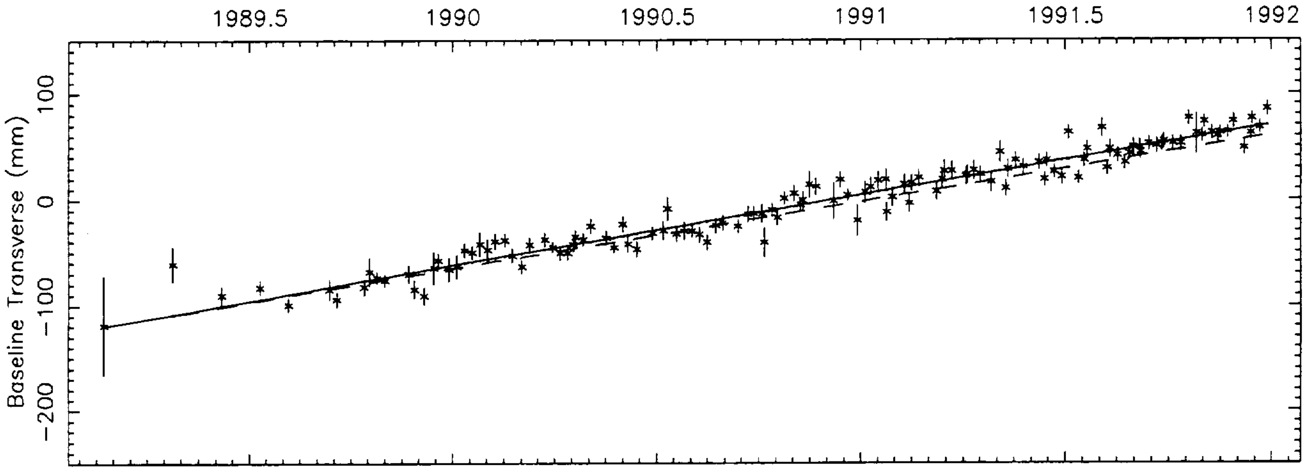
Vector baseline plots for KAUAI   -NRA085 3

Baseline length = 7208 kilometers   Number of sessions = 129



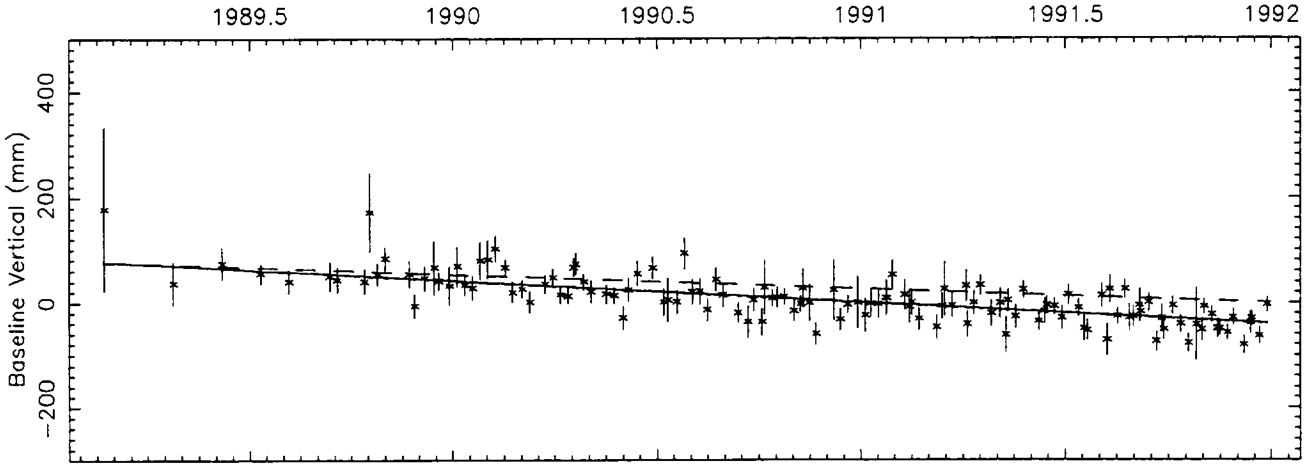
Observed Rate = 11.2   ± 2.3 mm/yr   Wrms of fit = 19.0 mm   Reduced Chi square = 2.67

NUVEL model rate = 13.1 mm/yr   Weighted mean length = 7208031500.8 mm



Observed Rate = 66.3   ± 1.2 mm/yr   Wrms of fit = 9.8 mm   Reduced Chi square = 1.85

NUVEL model rate = 62.9 mm/yr



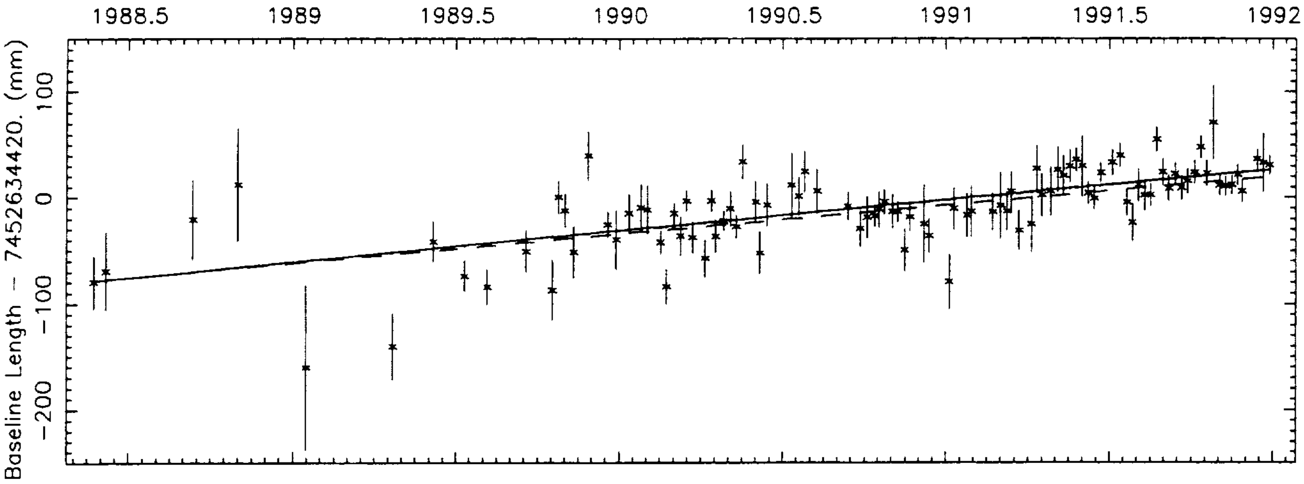
Observed Rate = -40.8 ± 3.2 mm/yr   Wrms of fit = 25.5 mm   Reduced Chi square = 1.53

NUVEL model rate = -26.8 mm/yr

Vector baseline plots for KAUAI -RICHMOND

Baseline length = 7453 kilometers

Number of sessions = 98



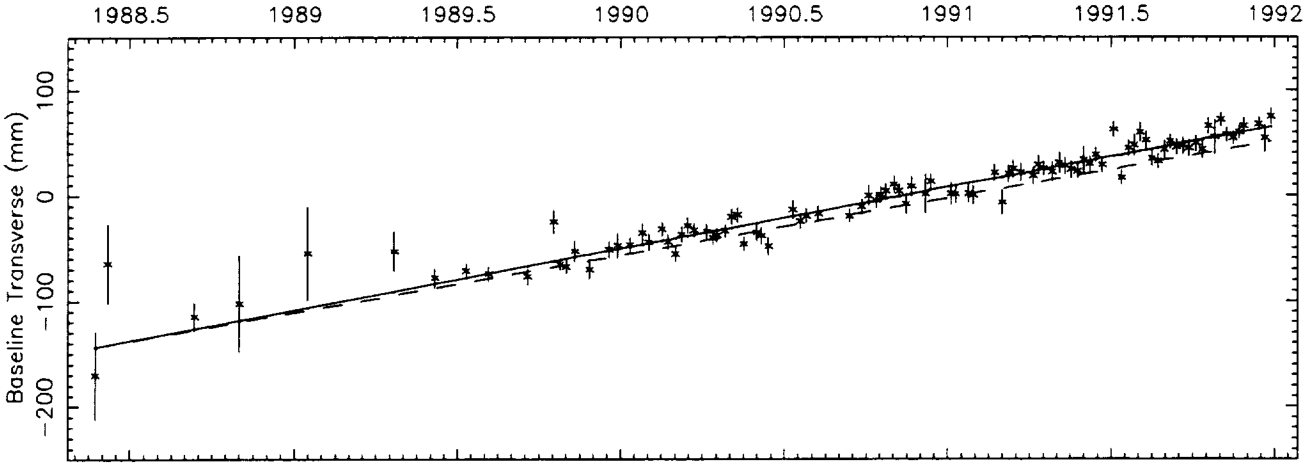
Observed Rate = 29.2 ± 2.8 mm/yr

NUVEL model rate = 27.3 mm/yr

Wrms of fit = 20.1 mm

Weighted mean length = 7452634419.4 mm

Reduced Chi square = 2.05

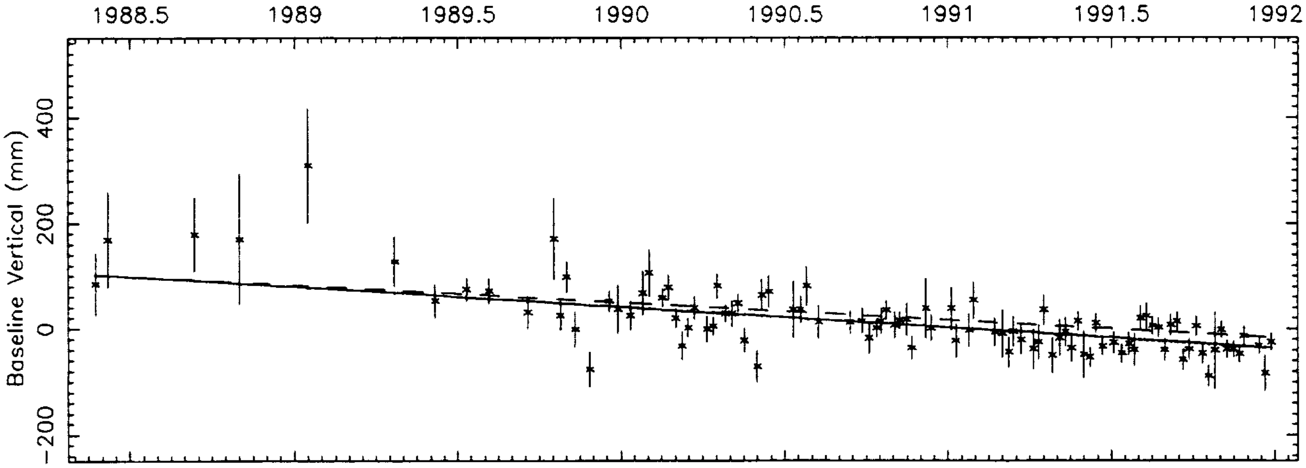


Observed Rate = 58.0 ± 1.3 mm/yr

NUVEL model rate = 54.1 mm/yr

Wrms of fit = 9.4 mm

Reduced Chi square = 1.48



Observed Rate = -38.5 ± 4.2 mm/yr

NUVEL model rate = -33.0 mm/yr

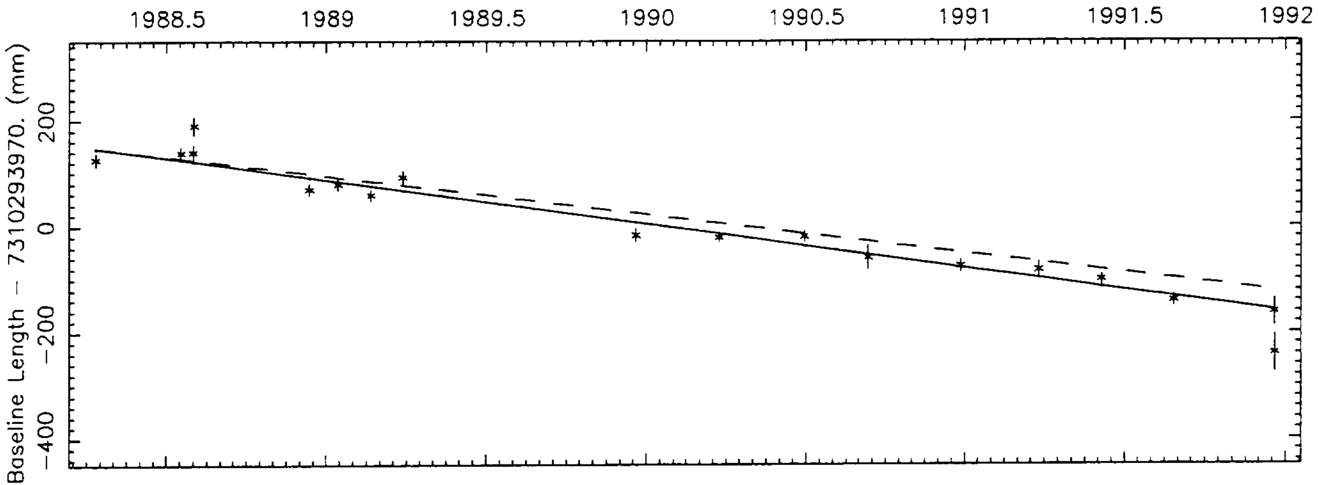
Wrms of fit = 29.8 mm

Reduced Chi square = 1.68

Vector baseline plots for KAUAI -SESHAN25

Baseline length = 7310 kilometers

Number of sessions = 18



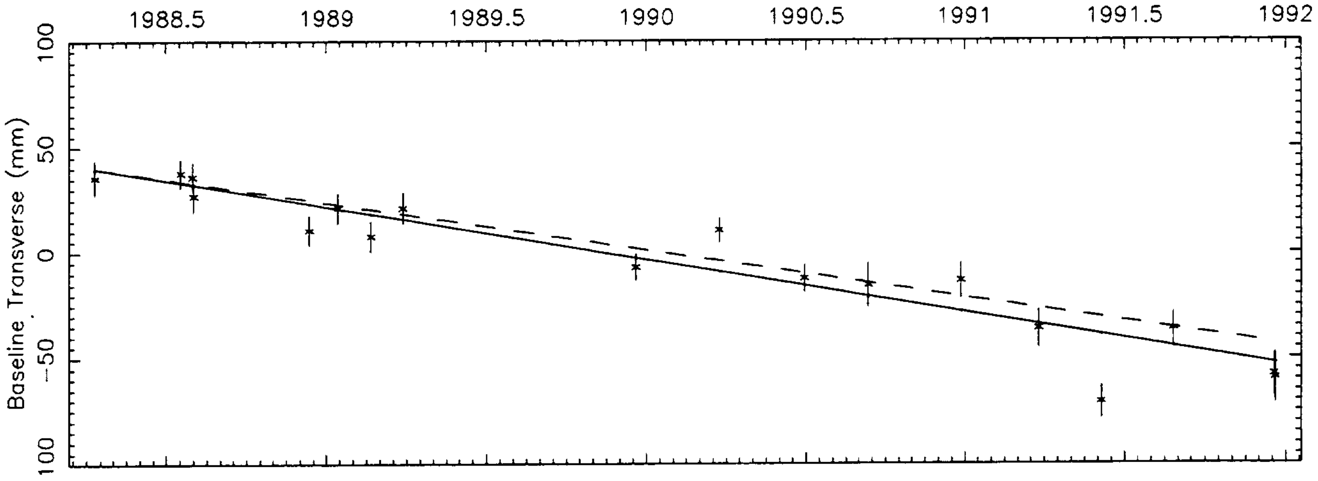
Observed Rate = -83.1 ± 4.5 mm/yr

NUVEL model rate = -72.7 mm/yr

Wrms of fit = 19.5 mm

Weighted mean length = 7310293974.9 mm

Reduced Chi square = 3.11

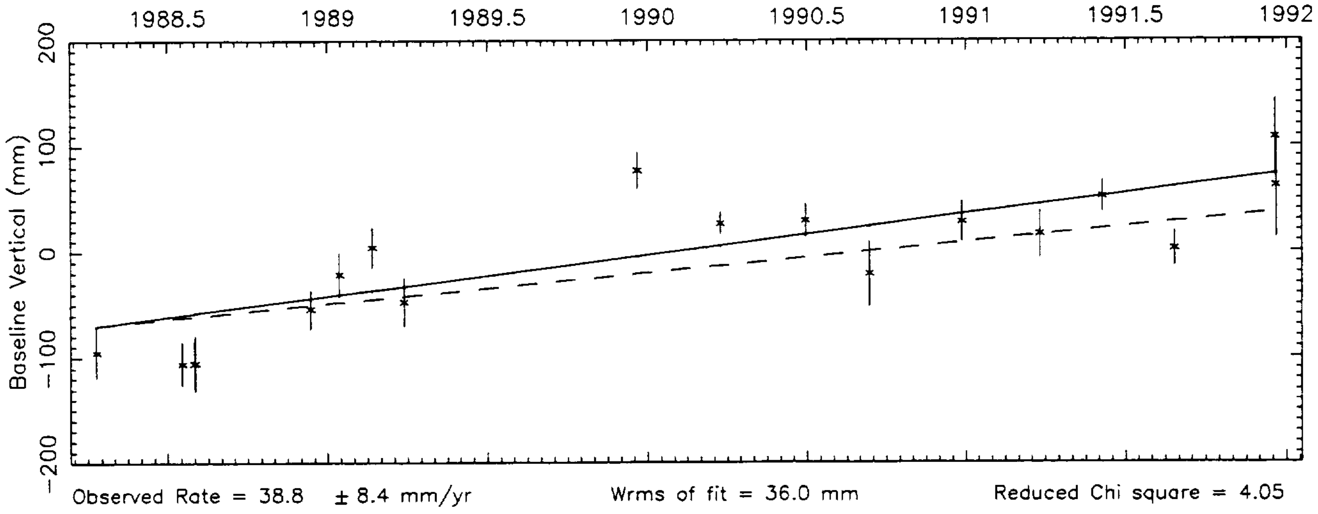


Observed Rate = -25.1 ± 2.5 mm/yr

NUVEL model rate = -22.5 mm/yr

Wrms of fit = 11.5 mm

Reduced Chi square = 2.67



Observed Rate = 38.8 ± 8.4 mm/yr

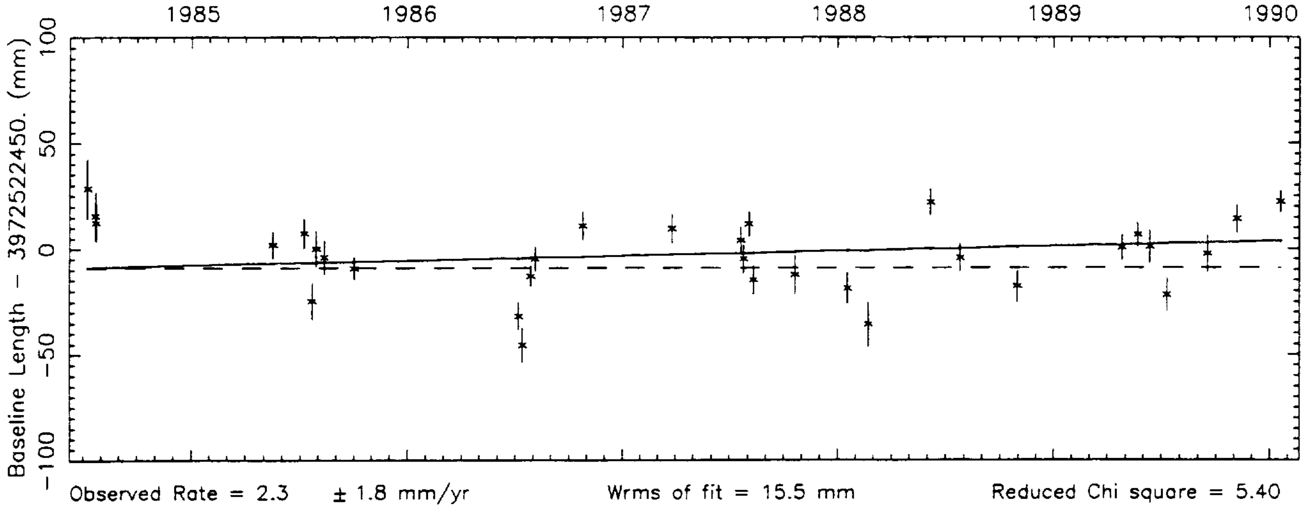
NUVEL model rate = 29.0 mm/yr

Wrms of fit = 36.0 mm

Reduced Chi square = 4.05

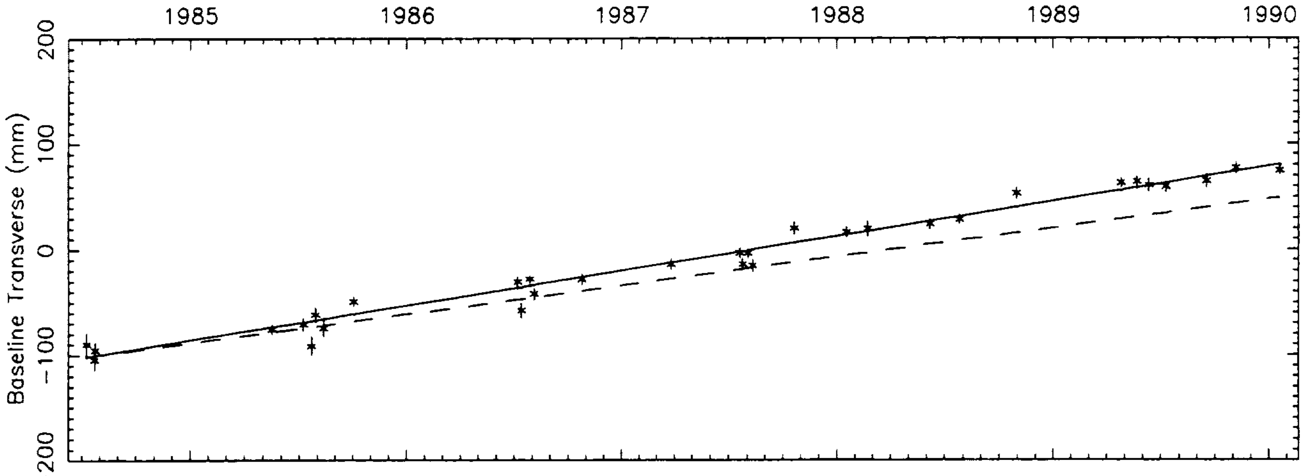
Vector baseline plots for KAUAI -VNDNBERG

Baseline length = 3973 kilometers   Number of sessions = 32



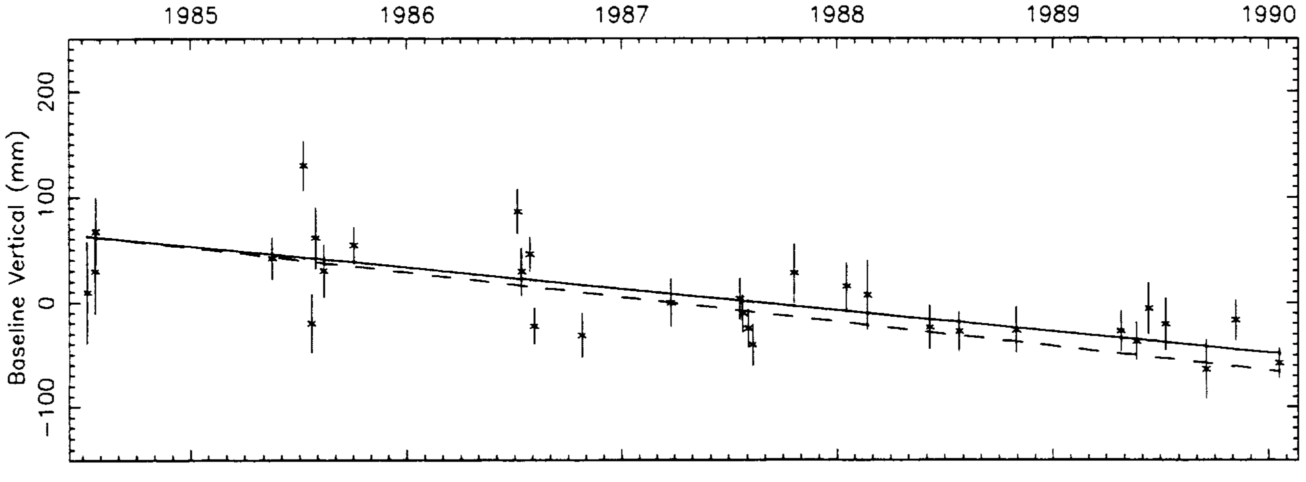
Observed Rate = 2.3 ± 1.8 mm/yr   Wrms of fit = 15.5 mm   Reduced Chi square = 5.40

NUVEL model rate = .0 mm/yr   Weighted mean length = 3972522447.8 mm



Observed Rate = 32.8 ± .9 mm/yr   Wrms of fit = 7.8 mm   Reduced Chi square = 2.34

NUVEL model rate = 27.2 mm/yr



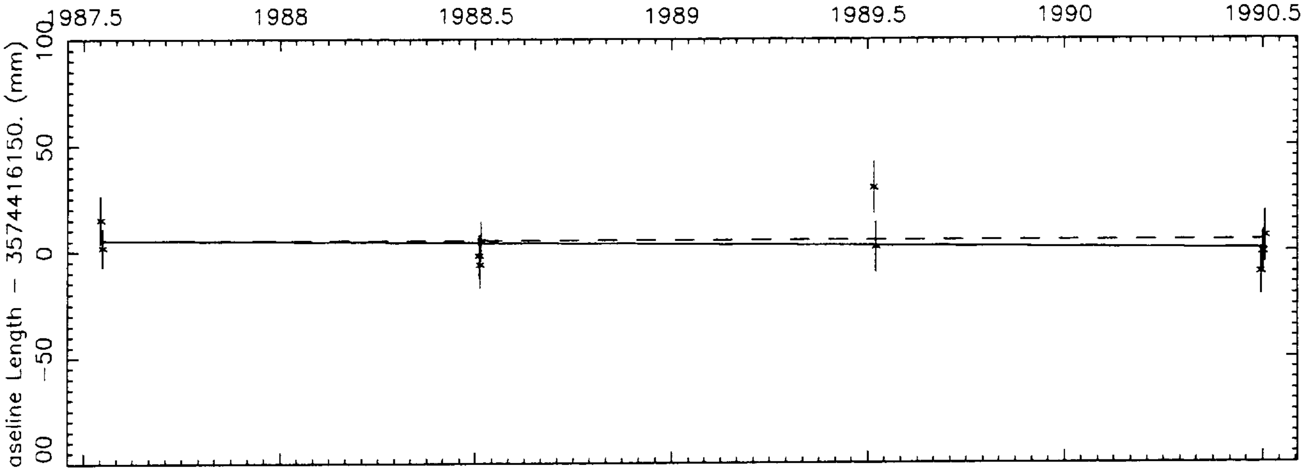
Observed Rate = -20.2 ± 3.5 mm/yr   Wrms of fit = 29.3 mm   Reduced Chi square = 1.99

NUVEL model rate = -23.3 mm/yr

Vector baseline plots for KODIAK −MOJAVE12

Baseline length = 3574 kilometers

Number of sessions = 10



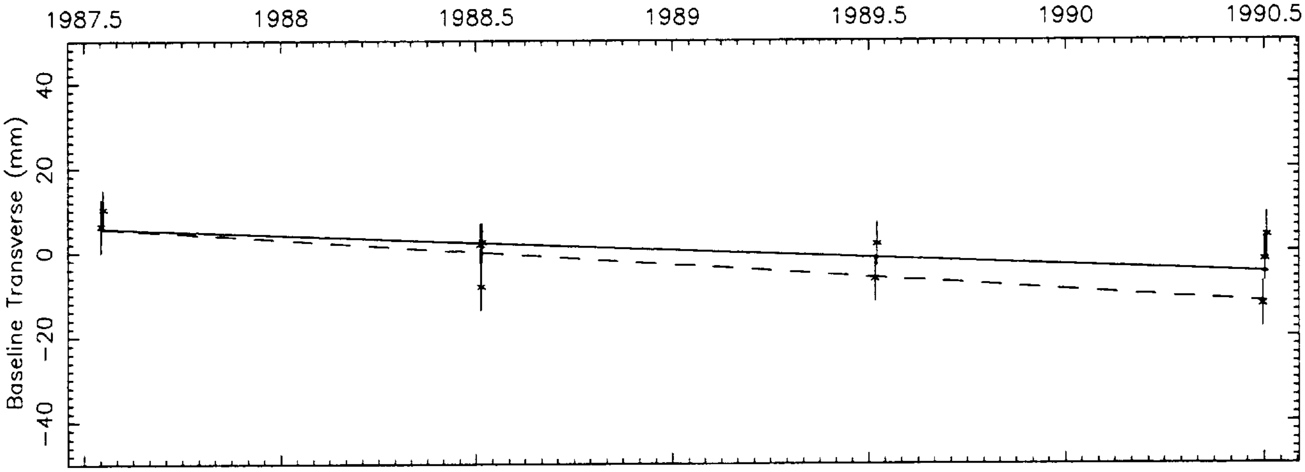
Observed Rate = −1.4 ± 3.1 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 9.8 mm

Weighted mean length = 3574416153.2 mm

Reduced Chi square = 1.07

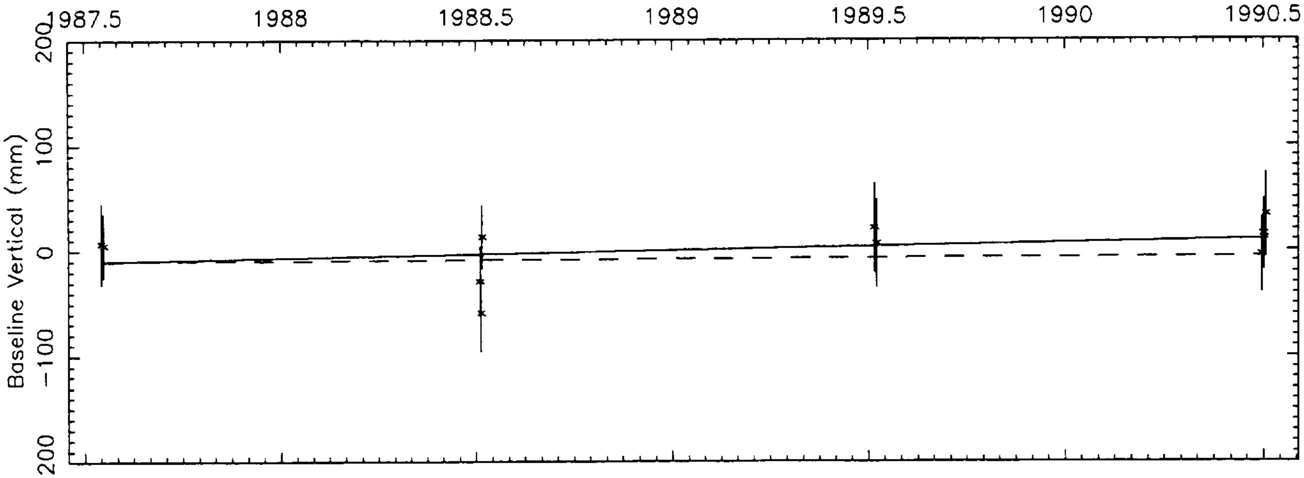


Observed Rate = −3.6 ± 1.7 mm/yr

NUVEL model rate = −6.0 mm/yr

Wrms of fit = 5.4 mm

Reduced Chi square = 1.32



Observed Rate = 6.9 ± 7.4 mm/yr

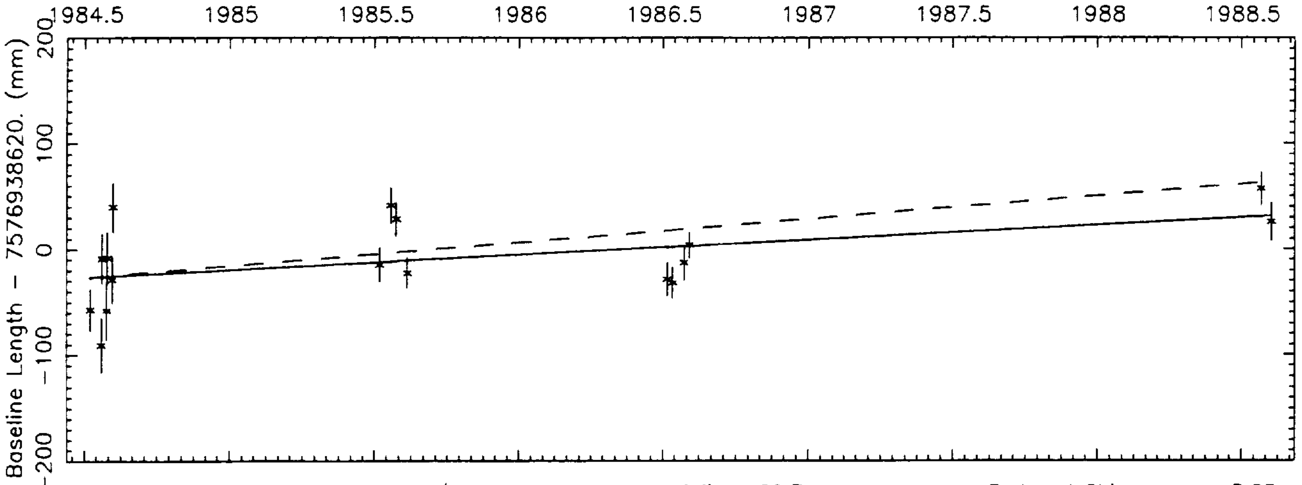
NUVEL model rate = 1.5 mm/yr

Wrms of fit = 23.5 mm

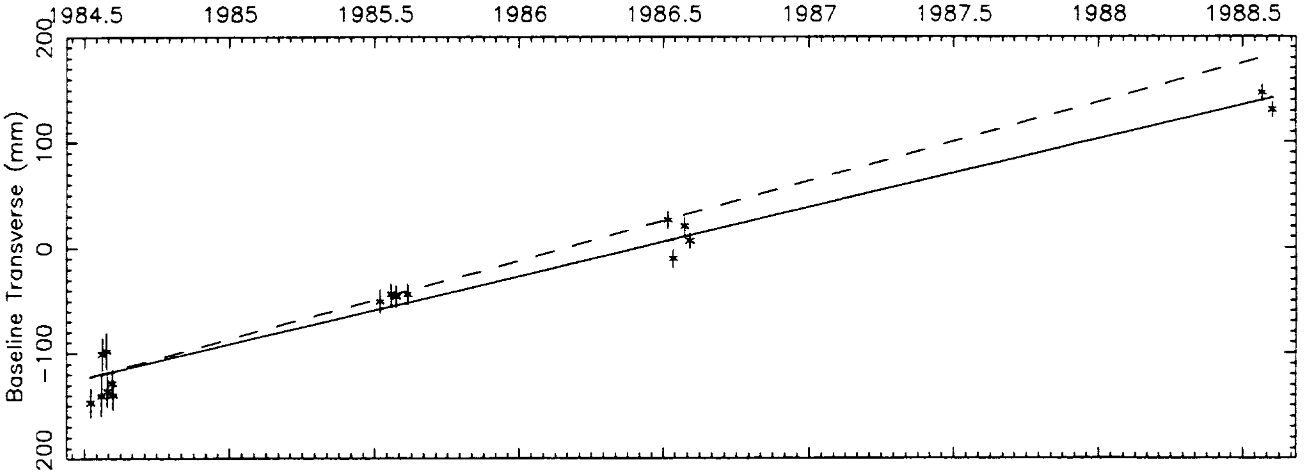
Reduced Chi square = .55

Vector baseline plots for KWAJAL26–MOJAVE12

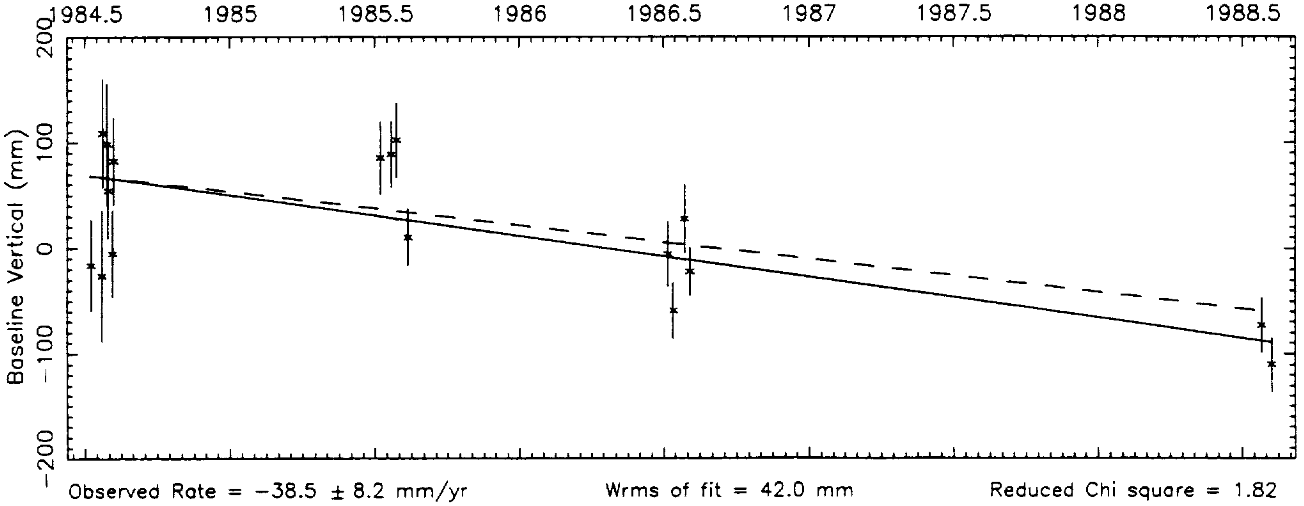
Baseline length = 7577 kilometers   Number of sessions = 17



Observed Rate = 14.1 ± 6.2 mm/yr   Wrms of fit = 29.7 mm   Reduced Chi square = 3.23
NUVEL model rate = 22.0 mm/yr   Weighted mean length = 7576938615.2 mm



Observed Rate = 64.8 ± 2.6 mm/yr   Wrms of fit = 13.5 mm   Reduced Chi square = 2.04
NUVEL model rate = 74.8 mm/yr

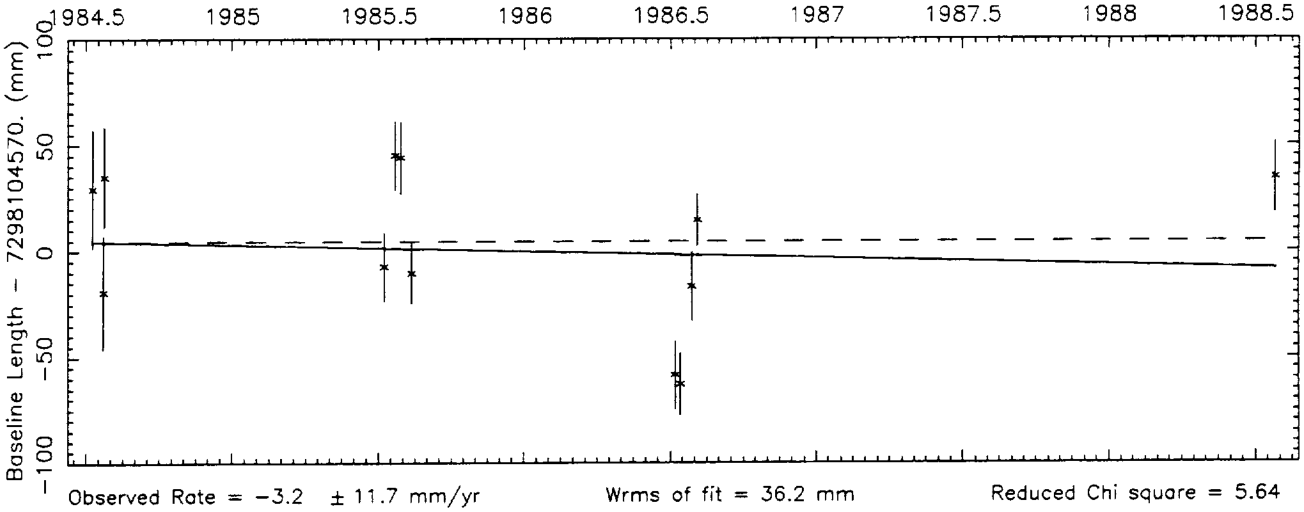


Observed Rate = −38.5 ± 8.2 mm/yr   Wrms of fit = 42.0 mm   Reduced Chi square = 1.82
NUVEL model rate = −31.5 mm/yr

Vector baseline plots for KWAJAL26-VNDNBERG

Baseline length = 7298 kilometers

Number of sessions = 12



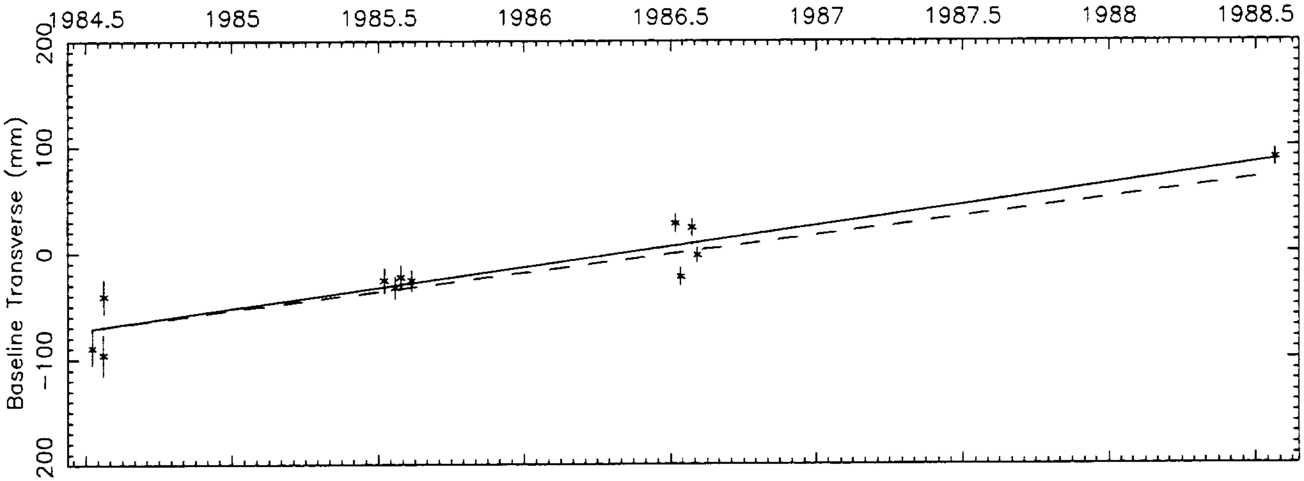
Observed Rate = -3.2 ± 11.7 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 36.2 mm

Weighted mean length = 7298104569.2 mm

Reduced Chi square = 5.64

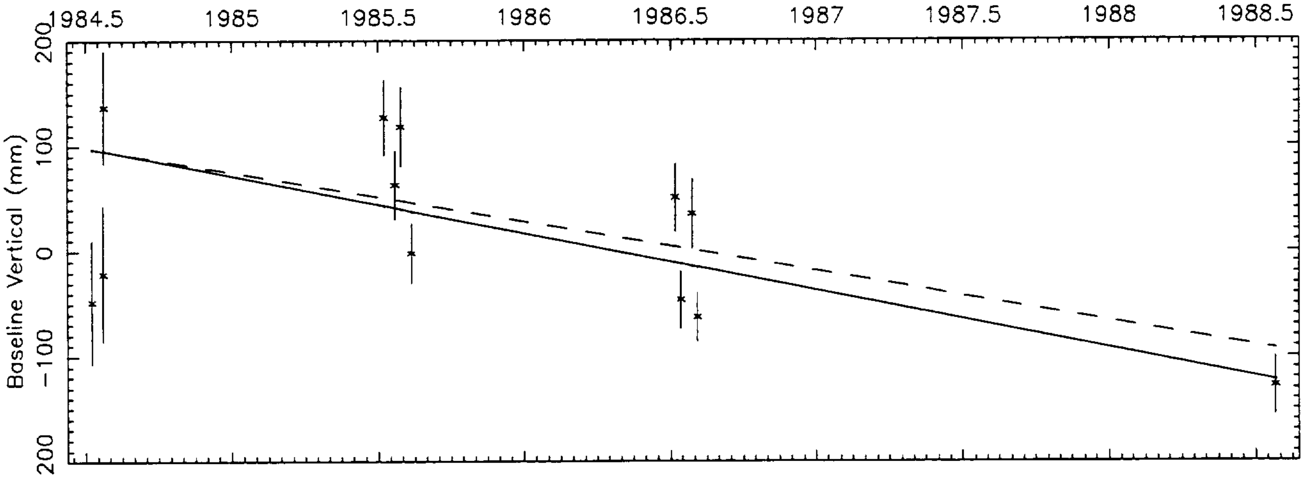


Observed Rate = 38.9 ± 4.9 mm/yr

NUVEL model rate = 35.2 mm/yr

Wrms of fit = 16.2 mm

Reduced Chi square = 3.18



Observed Rate = -54.4 ± 17.0 mm/yr

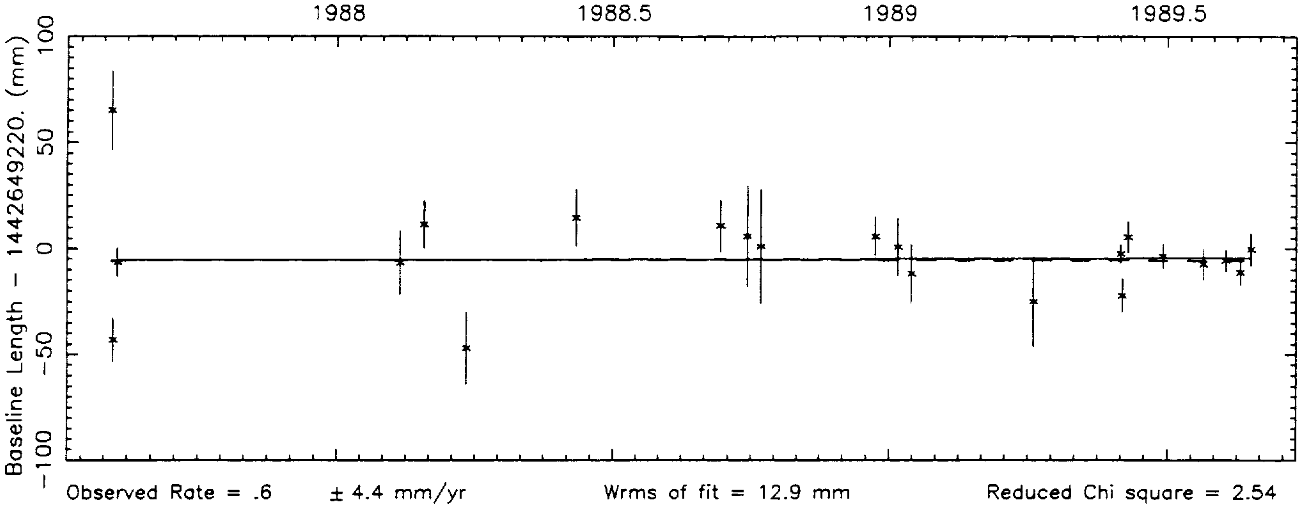
NUVEL model rate = -46.9 mm/yr

Wrms of fit = 55.8 mm

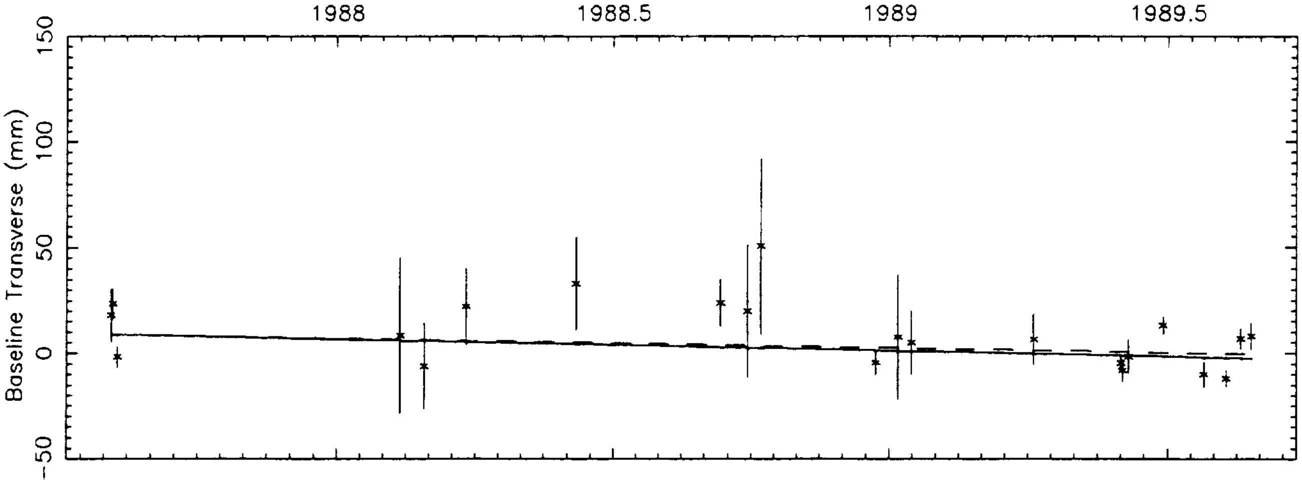
Reduced Chi square = 3.40

Vector baseline plots for MARPOINT–RICHMOND

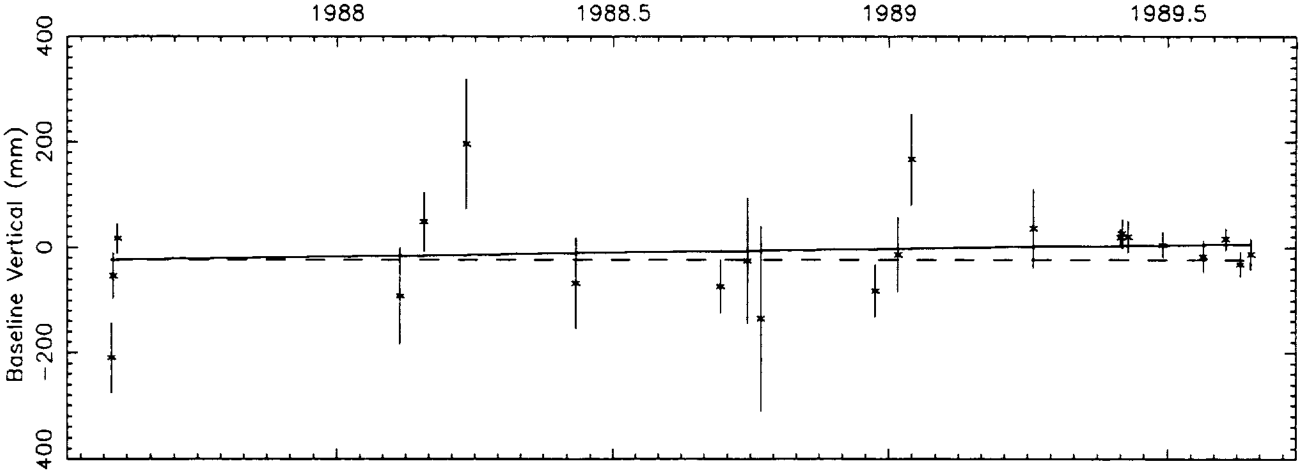
Baseline length = 1443 kilometers Number of sessions = 22



Observed Rate = .6 ± 4.4 mm/yr Wrms of fit = 12.9 mm Reduced Chi square = 2.54
NUVEL model rate = .0 mm/yr Weighted mean length = 1442649215.1 mm



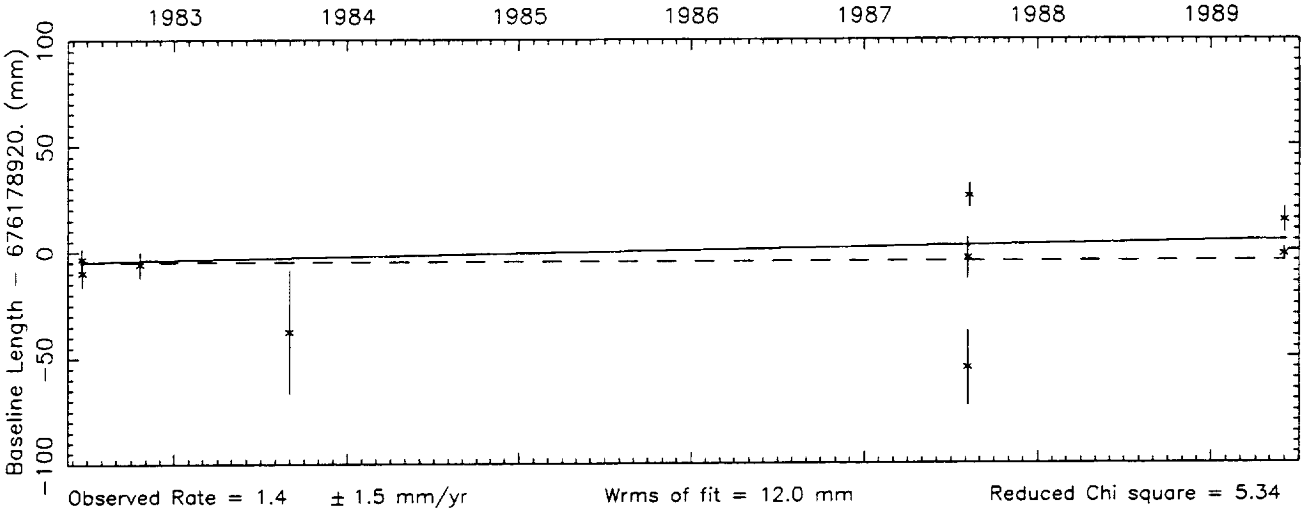
Observed Rate = −5.4 ± 3.4 mm/yr Wrms of fit = 9.7 mm Reduced Chi square = 2.50
NUVEL model rate = −4.5 mm/yr



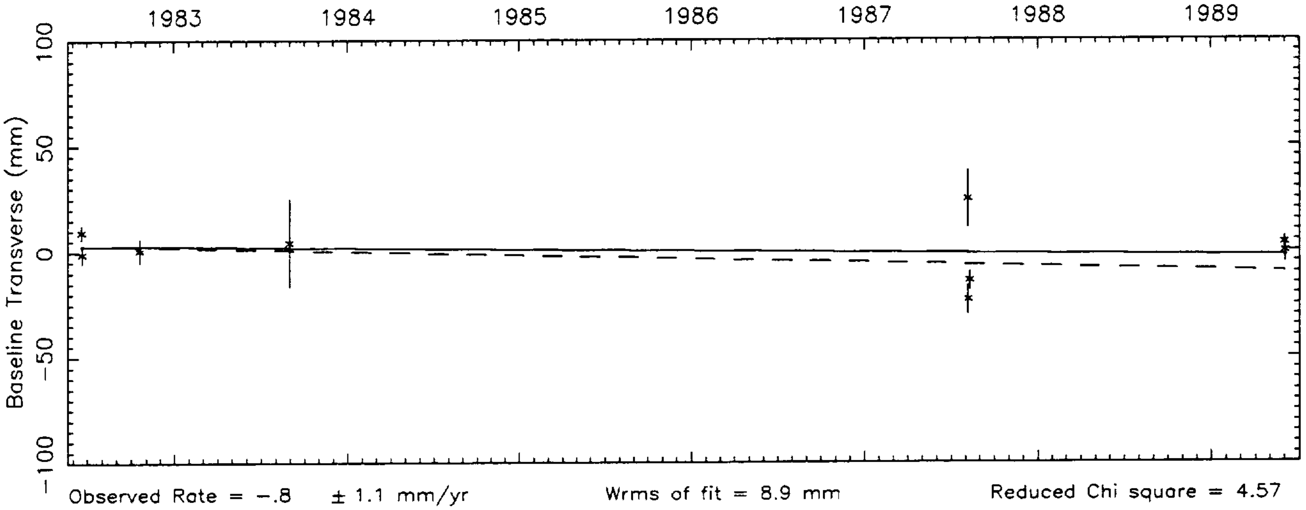
Observed Rate = 14.4 ± 14.2 mm/yr Wrms of fit = 40.7 mm Reduced Chi square = 1.52
NUVEL model rate = .0 mm/yr

Vector baseline plots for MARPOINT–WESTFORD

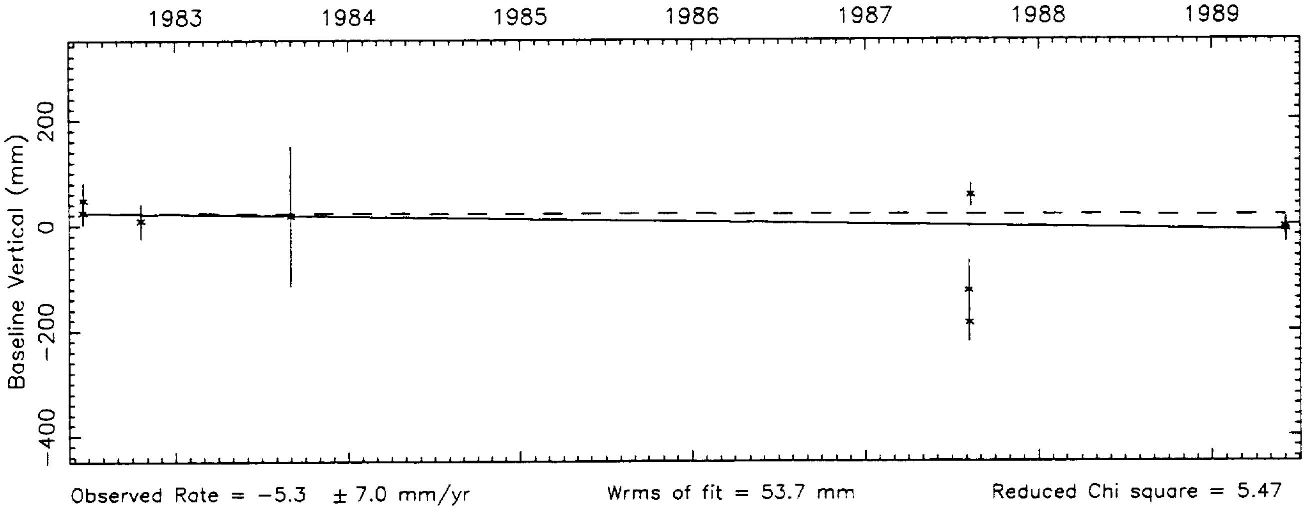
Baseline length =   676 kilometers   Number of sessions = 9



Observed Rate = 1.4   ± 1.5 mm/yr   Wrms of fit = 12.0 mm   Reduced Chi square = 5.34
NUVEL model rate = .0 mm/yr   Weighted mean length = 676178920.9 mm



Observed Rate = −.8   ± 1.1 mm/yr   Wrms of fit = 8.9 mm   Reduced Chi square = 4.57
NUVEL model rate = −1.8 mm/yr

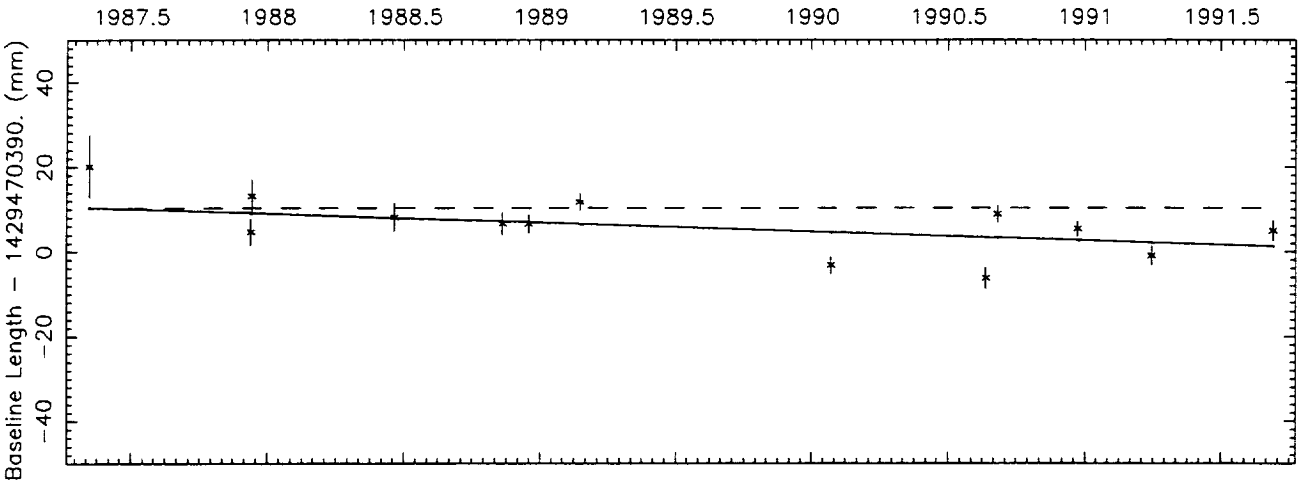


Observed Rate = −5.3   ± 7.0 mm/yr   Wrms of fit = 53.7 mm   Reduced Chi square = 5.47
NUVEL model rate = −.9 mm/yr

Vector baseline plots for MEDICINA–ONSALA60

Baseline length = 1429 kilometers

Number of sessions = 13



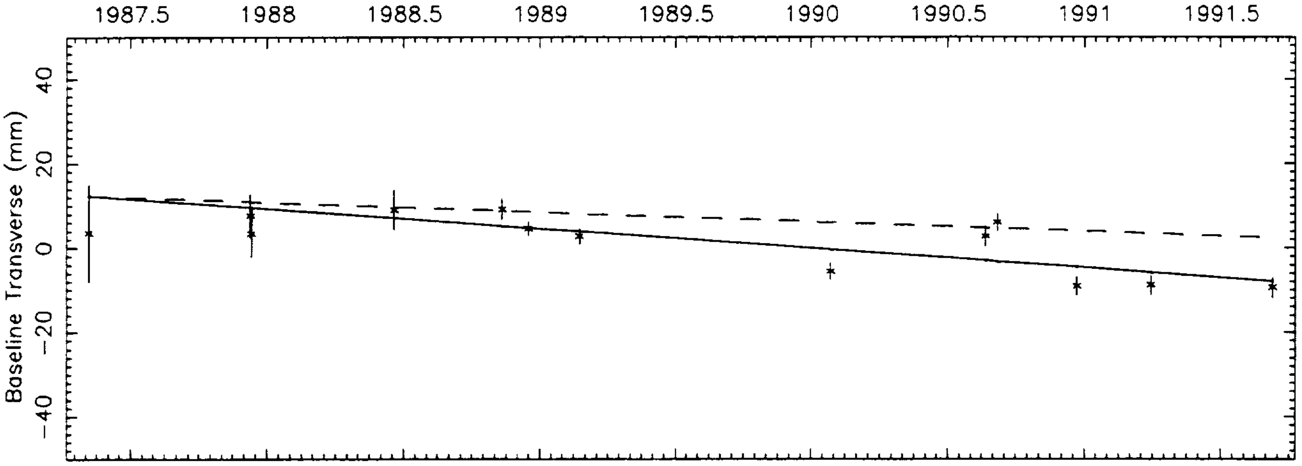
Observed Rate = −2.1 ± 1.3 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 5.0 mm

Weighted mean length = 1429470394.7 mm

Reduced Chi square = 4.96

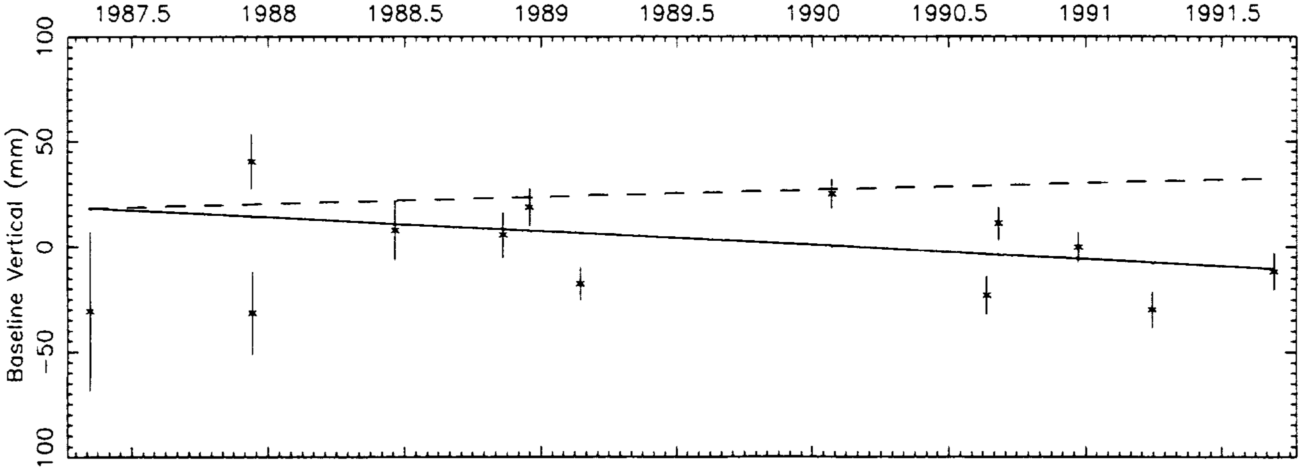


Observed Rate = −4.7 ± 1.3 mm/yr

NUVEL model rate = −2.3 mm/yr

Wrms of fit = 4.5 mm

Reduced Chi square = 3.93



Observed Rate = −6.6 ± 5.1 mm/yr

NUVEL model rate = 3.3 mm/yr

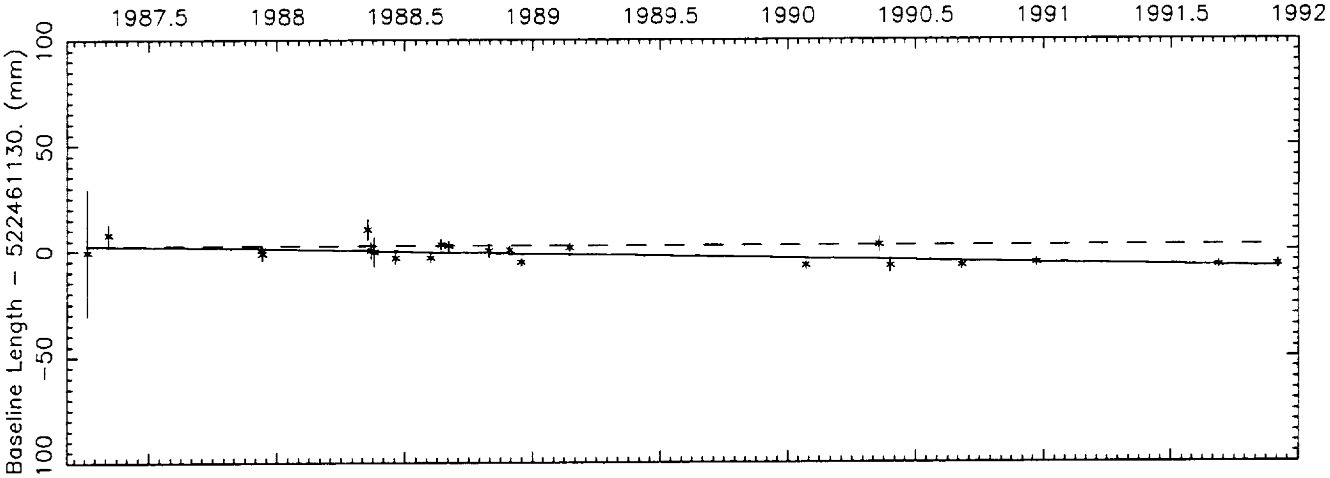
Wrms of fit = 18.6 mm

Reduced Chi square = 4.69

Vector baseline plots for MEDICINA–WETTZELL

Baseline length = 522 kilometers

Number of sessions = 22



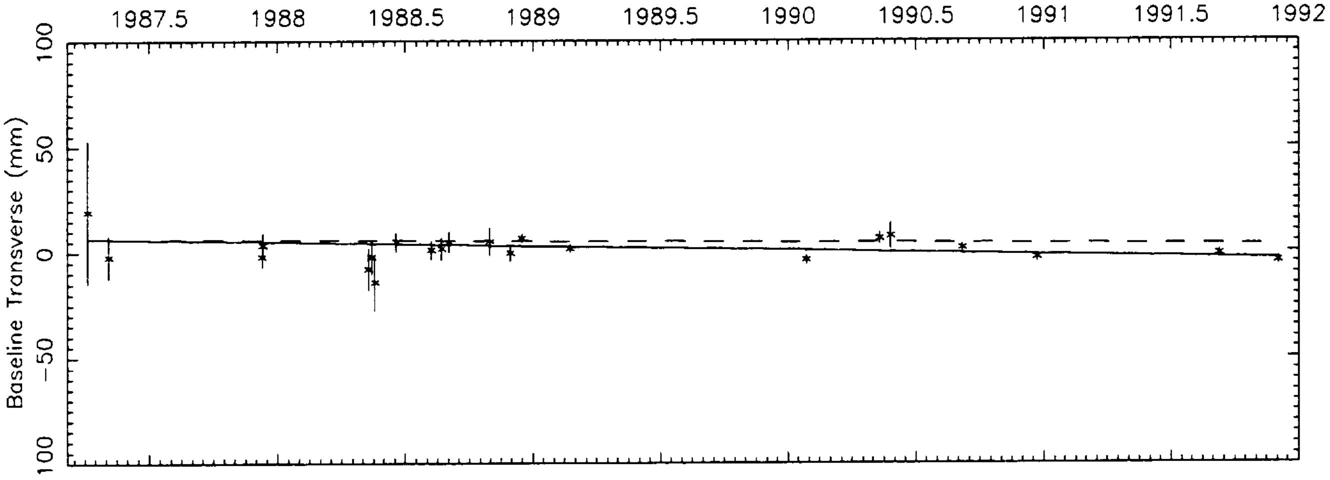
Observed Rate = −2.2 ± .5 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 2.7 mm

Weighted mean length = 522461126.3 mm

Reduced Chi square = 1.71

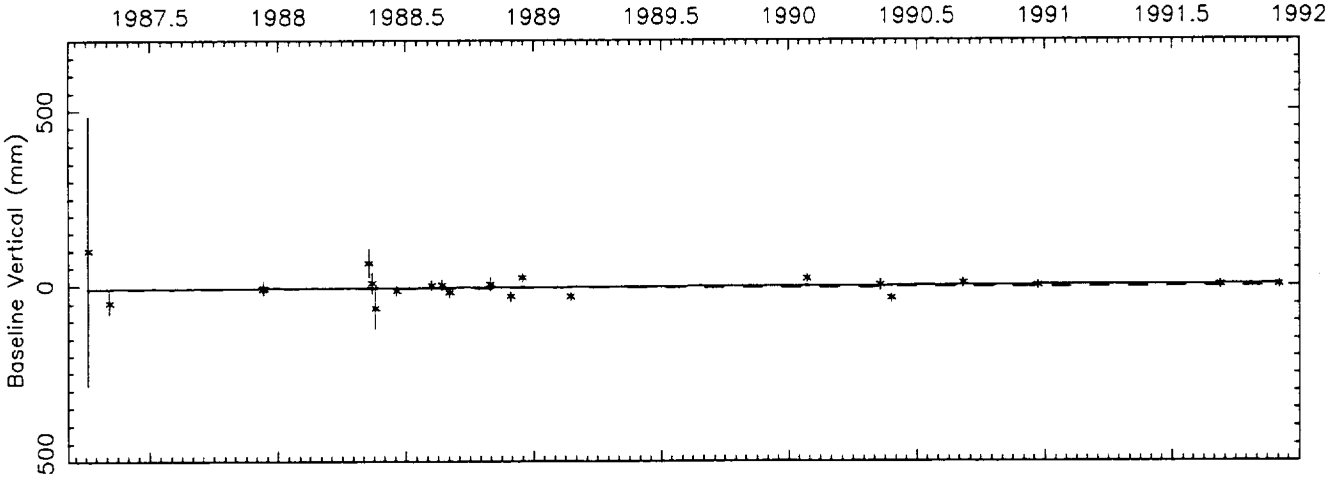


Observed Rate = −2.2 ± .6 mm/yr

NUVEL model rate = −.7 mm/yr

Wrms of fit = 3.1 mm

Reduced Chi square = 1.90



Observed Rate = 2.9 ± 2.9 mm/yr

NUVEL model rate = 1.5 mm/yr

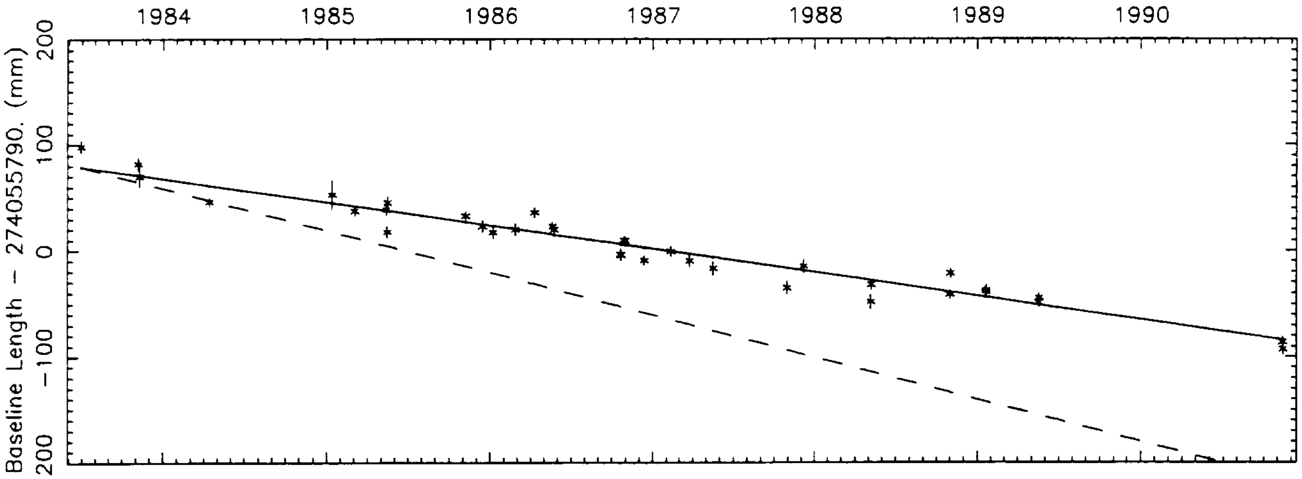
Wrms of fit = 16.6 mm

Reduced Chi square = 3.31

Vector baseline plots for MOJAVE12–MON PEAK

Baseline length = 274 kilometers

Number of sessions = 36



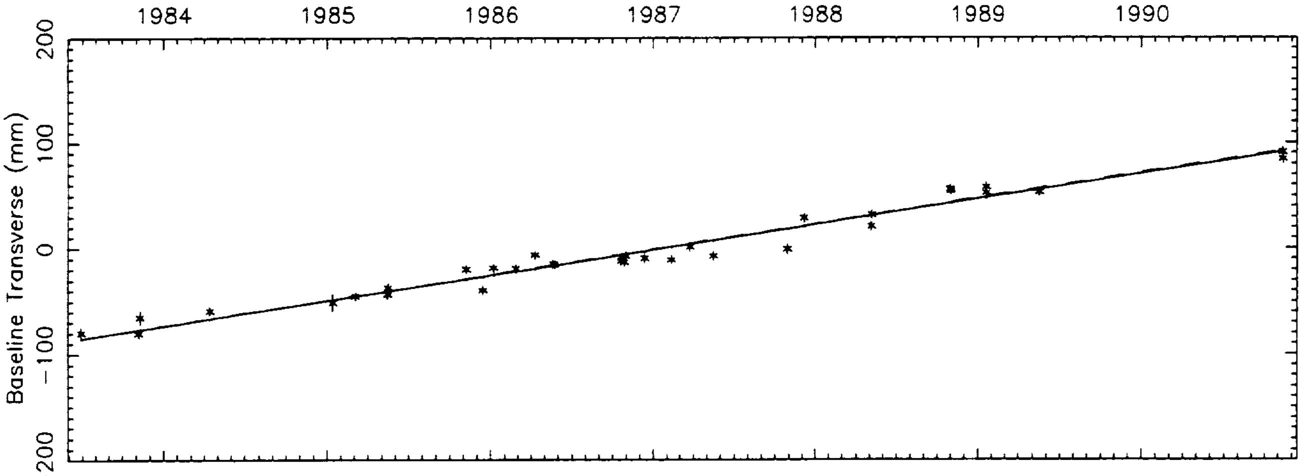
Observed Rate = –22.1 ± .9 mm/yr

NUVEL model rate = –39.9 mm/yr

Wrms of fit = 9.5 mm

Weighted mean length = 274055789.4 mm

Reduced Chi square = 3.92

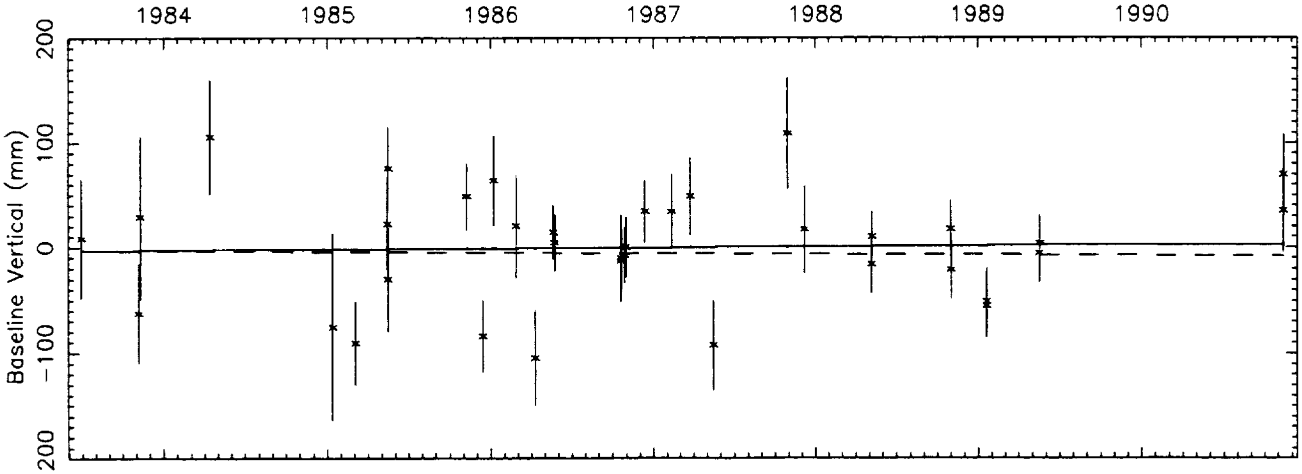


Observed Rate = 23.9 ± .8 mm/yr

NUVEL model rate = 24.1 mm/yr

Wrms of fit = 7.7 mm

Reduced Chi square = 6.06



Observed Rate = .8 ± 4.6 mm/yr

NUVEL model rate = –.7 mm/yr

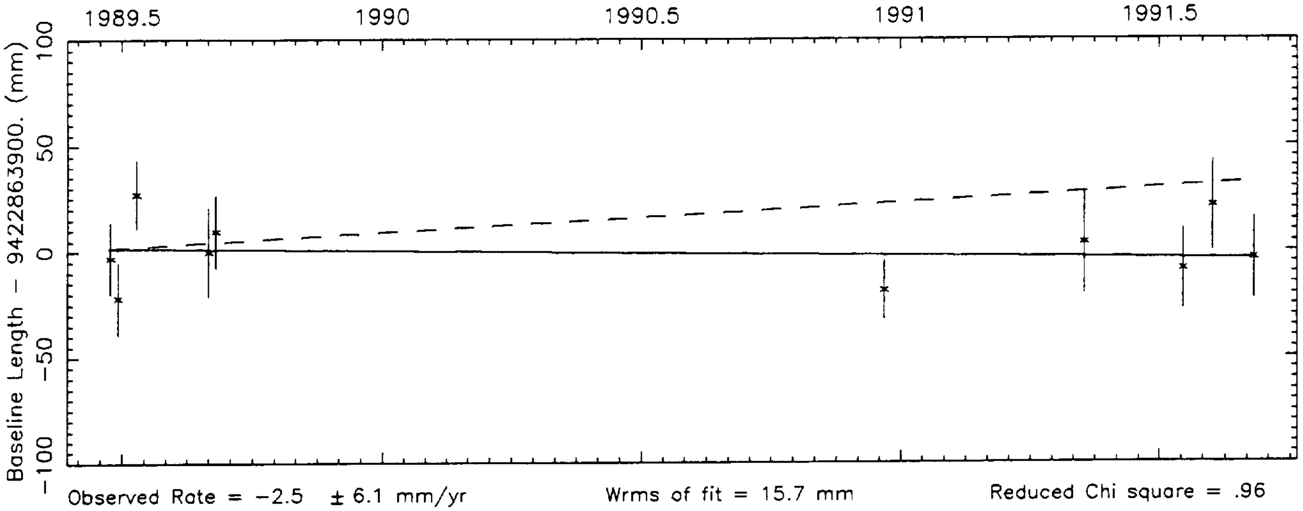
Wrms of fit = 43.4 mm

Reduced Chi square = 1.70

Vector baseline plots for MOJAVE12–NOTO

Baseline length = 9423 kilometers

Number of sessions = 10



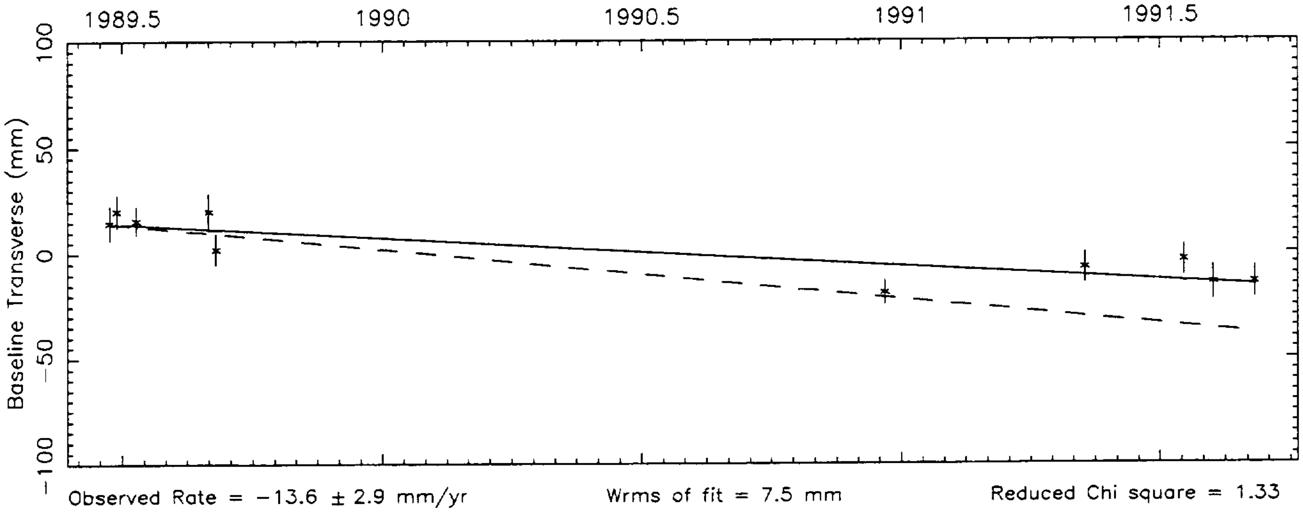
Observed Rate = –2.5 ± 6.1 mm/yr

NUVEL model rate = 14.0 mm/yr

Wrms of fit = 15.7 mm

Weighted mean length = 9422863899.3 mm

Reduced Chi square = .96

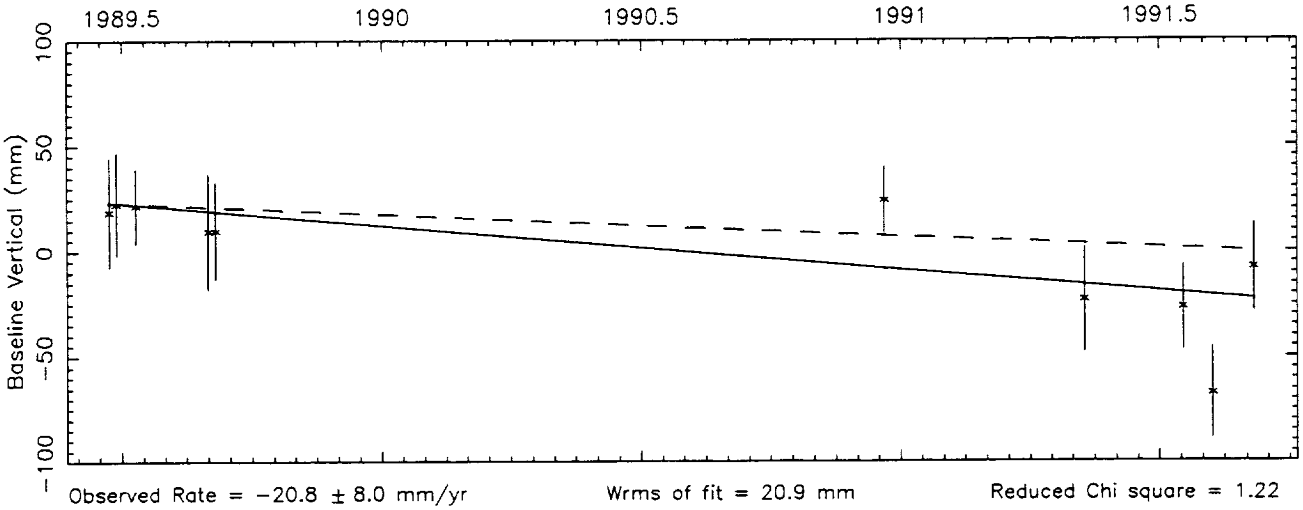


Observed Rate = –13.6 ± 2.9 mm/yr

NUVEL model rate = –23.9 mm/yr

Wrms of fit = 7.5 mm

Reduced Chi square = 1.33



Observed Rate = –20.8 ± 8.0 mm/yr

NUVEL model rate = –10.5 mm/yr

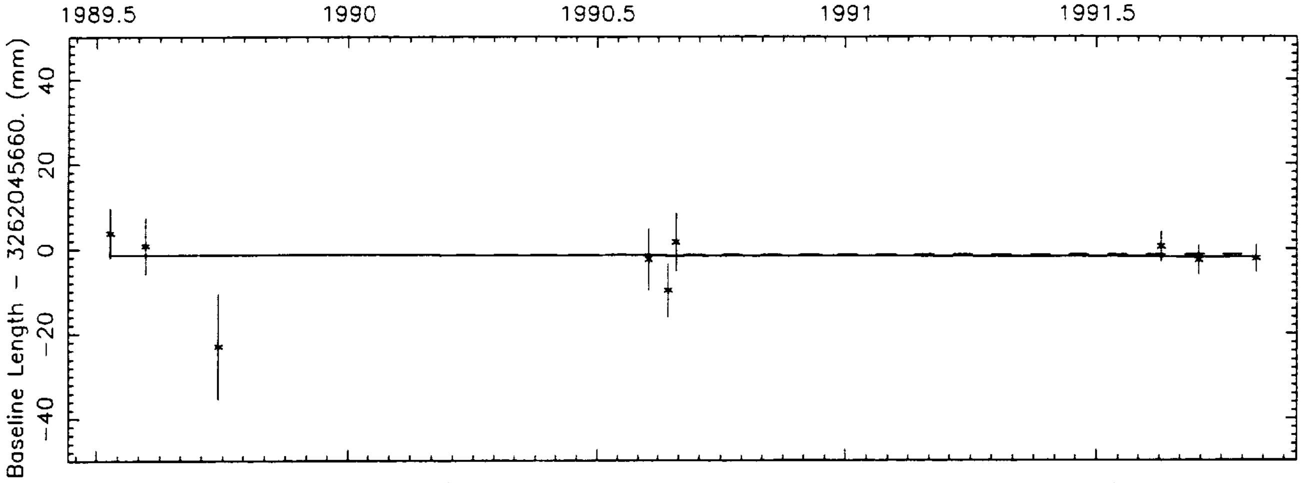
Wrms of fit = 20.9 mm

Reduced Chi square = 1.22

Vector baseline plots for MOJAVE12–NRAO85 3

Baseline length = 3262 kilometers

Number of sessions = 9



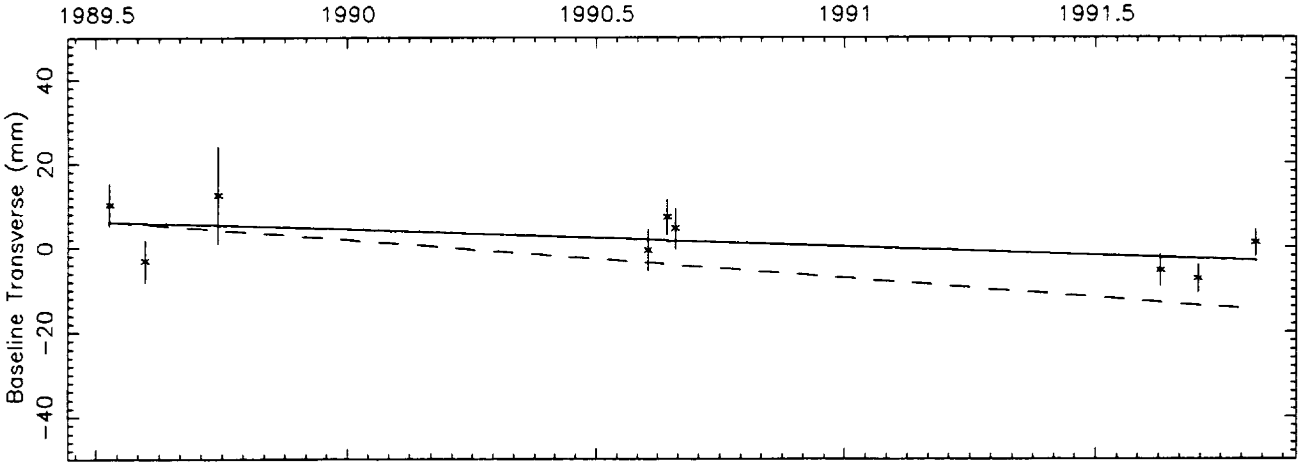
Observed Rate = −.3 ± 1.9 mm/yr

Wrms of fit = 4.1 mm

Reduced Chi square = .90

NUVEL model rate = .0 mm/yr

Weighted mean length = 3262045658.2 mm

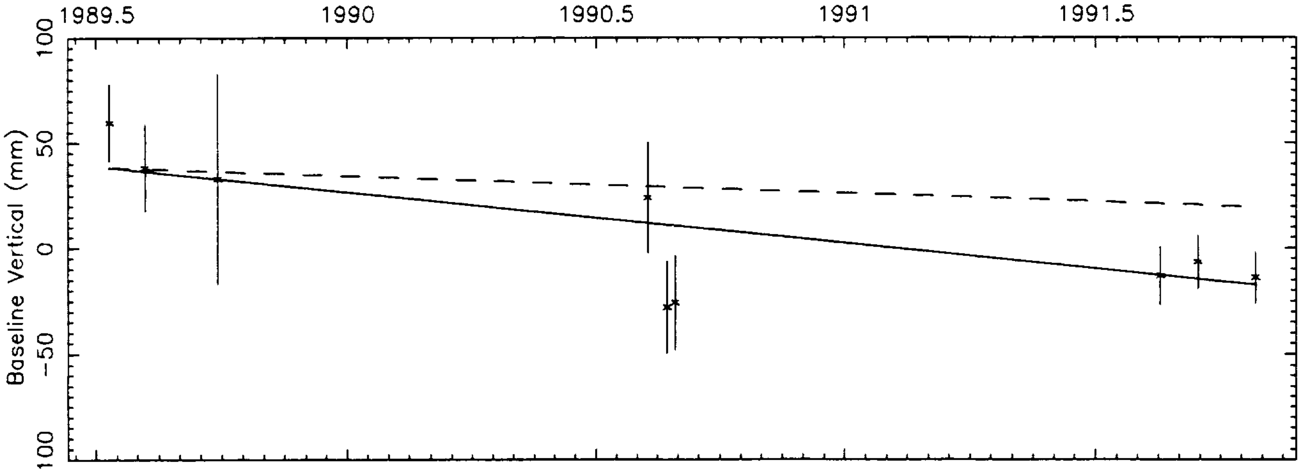


Observed Rate = −4.1 ± 2.2 mm/yr

Wrms of fit = 4.7 mm

Reduced Chi square = 1.58

NUVEL model rate = −9.1 mm/yr



Observed Rate = −24.3 ± 7.3 mm/yr

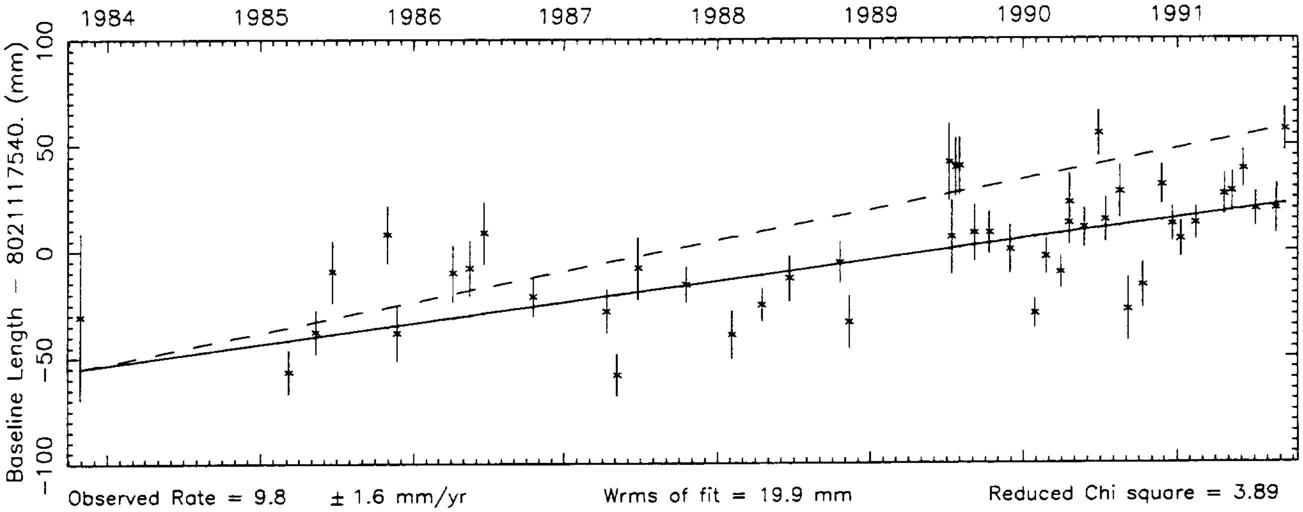
Wrms of fit = 16.6 mm

Reduced Chi square = 1.15

NUVEL model rate = −8.1 mm/yr

Vector baseline plots for MOJAVE12–ONSALA60

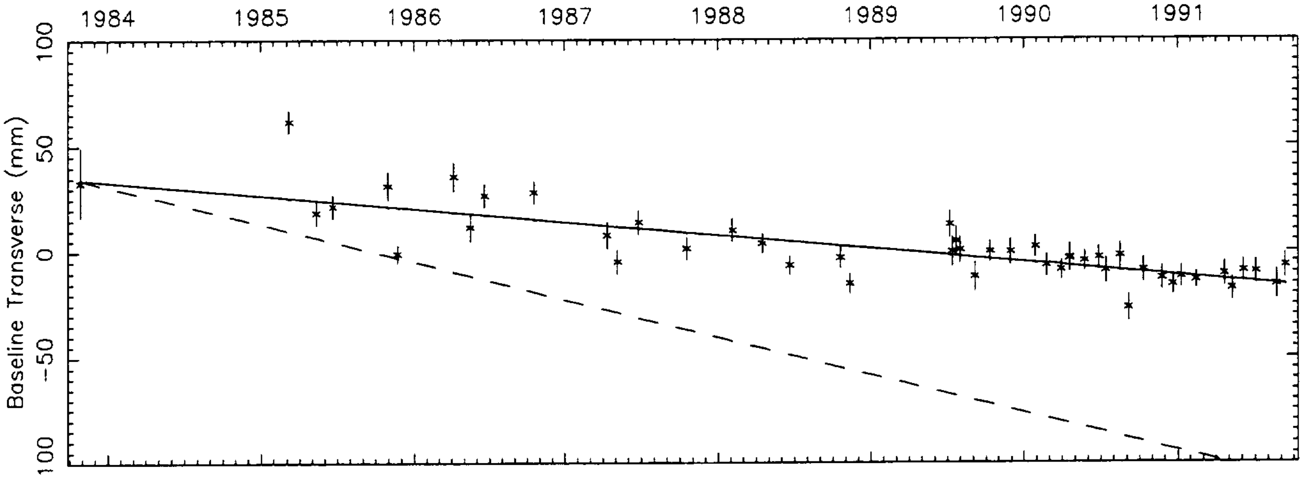
Baseline length = 8021 kilometers Number of sessions = 47



Observed Rate = 9.8 ± 1.6 mm/yr
NUVEL model rate = 14.4 mm/yr

Wrms of fit = 19.9 mm
Weighted mean length = 8021117539.9 mm

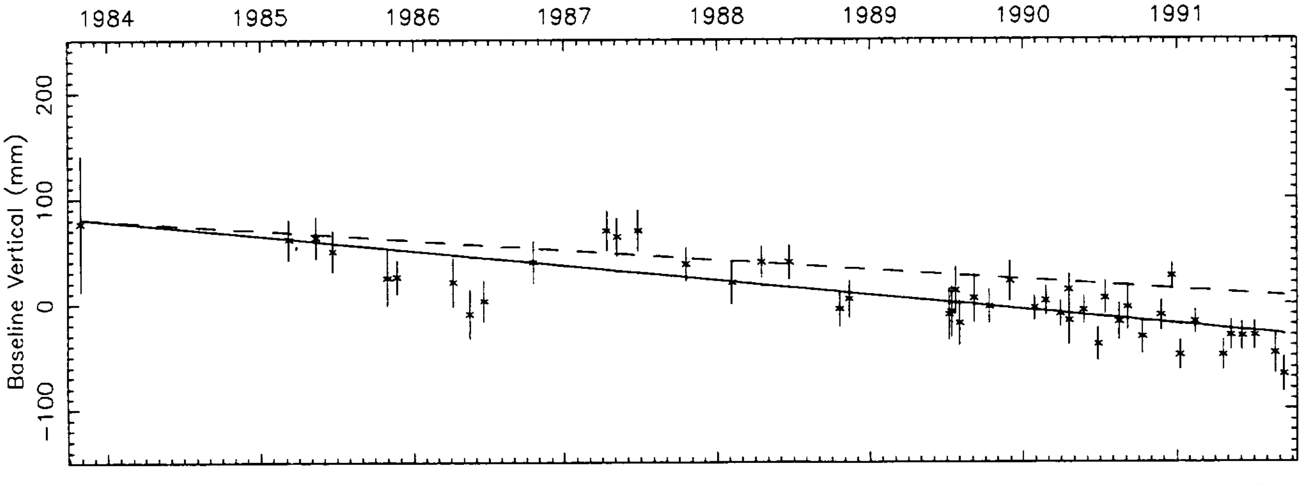
Reduced Chi square = 3.89



Observed Rate = –6.4 ± .8 mm/yr
NUVEL model rate = –17.9 mm/yr

Wrms of fit = 10.0 mm

Reduced Chi square = 3.52



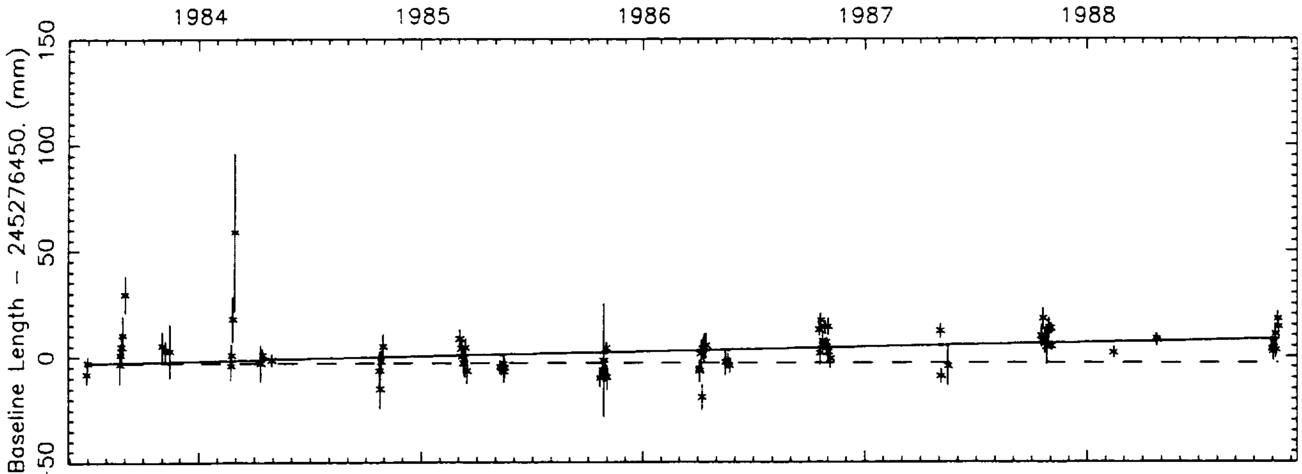
Observed Rate = –13.9 ± 1.7 mm/yr
NUVEL model rate = –9.3 mm/yr

Wrms of fit = 20.6 mm

Reduced Chi square = 1.60

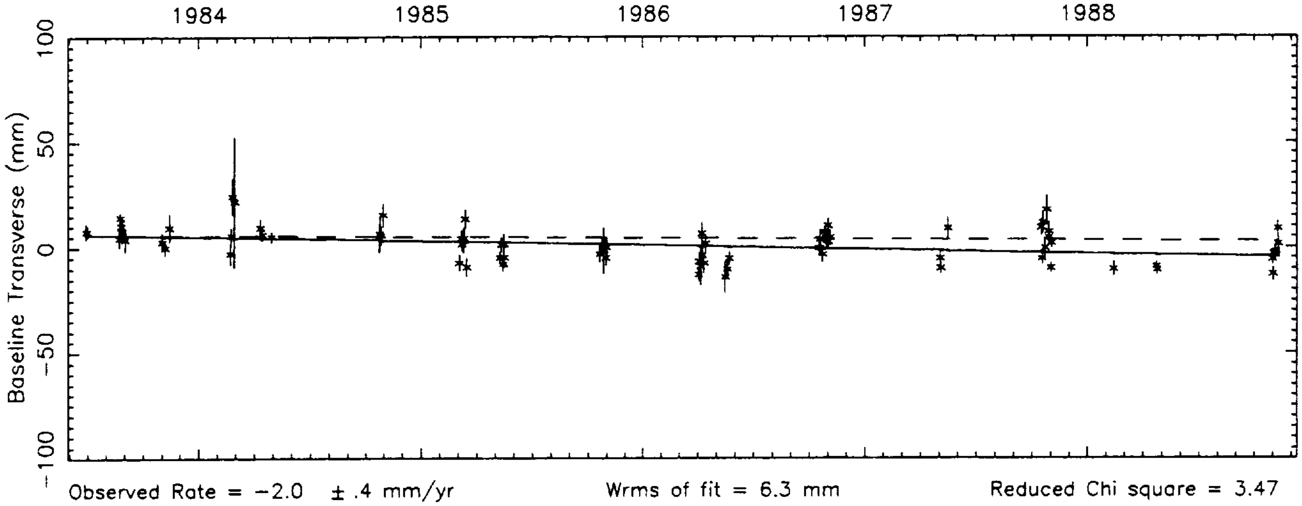
Vector baseline plots for MOJAVE12−OVRO 130

Baseline length =   245 kilometers   Number of sessions = 81



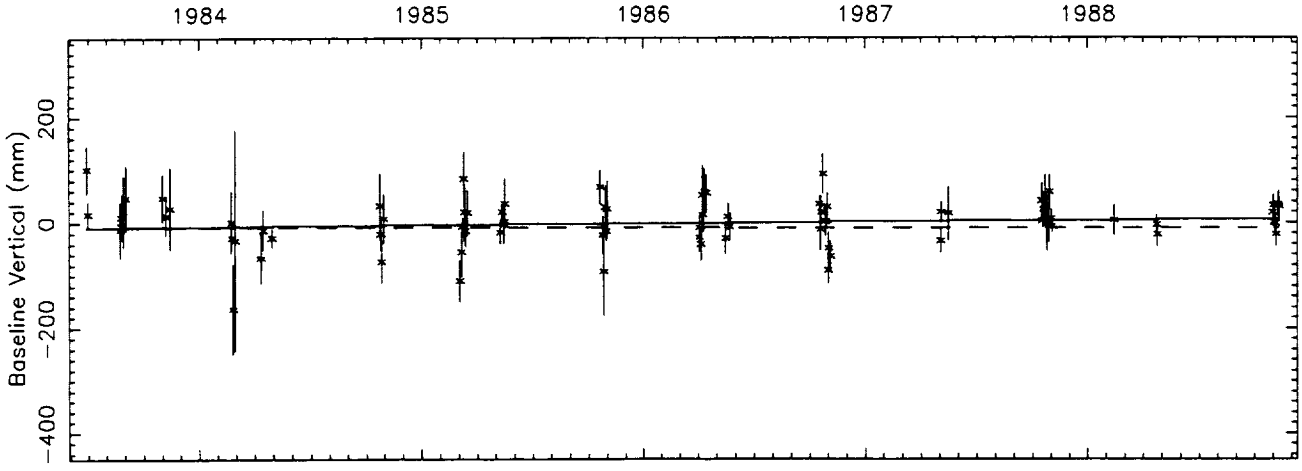
Observed Rate = 2.1   ± .4 mm/yr   Wrms of fit = 6.3 mm   Reduced Chi square = 2.68

NUVEL model rate = .0 mm/yr   Weighted mean length = 245276453.4 mm



Observed Rate = −2.0   ± .4 mm/yr   Wrms of fit = 6.3 mm   Reduced Chi square = 3.47

NUVEL model rate = −.6 mm/yr

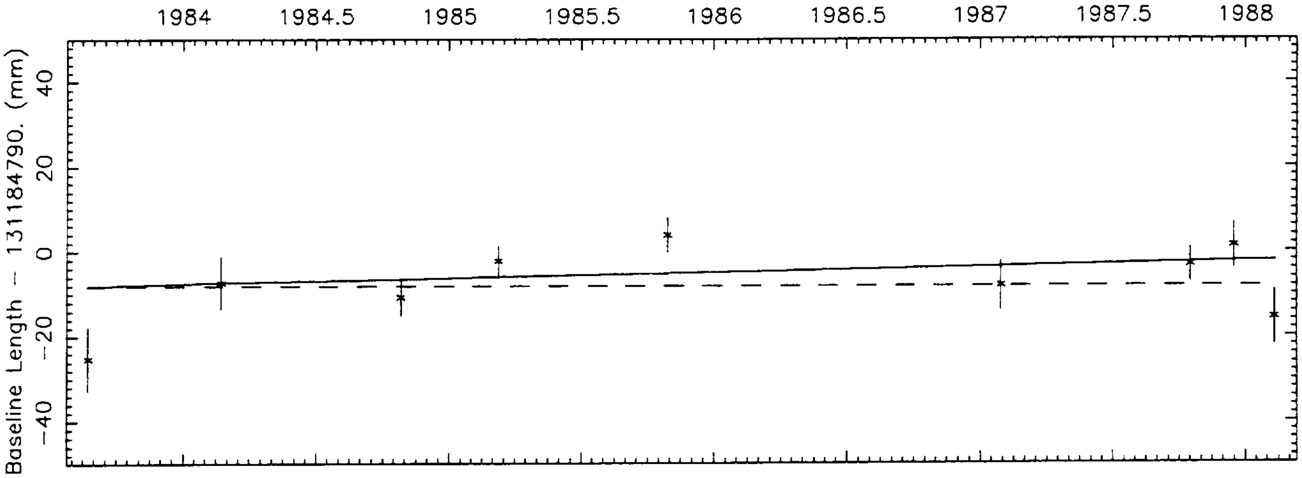


Observed Rate = 2.8   ± 2.0 mm/yr   Wrms of fit = 28.3 mm   Reduced Chi square = 1.35

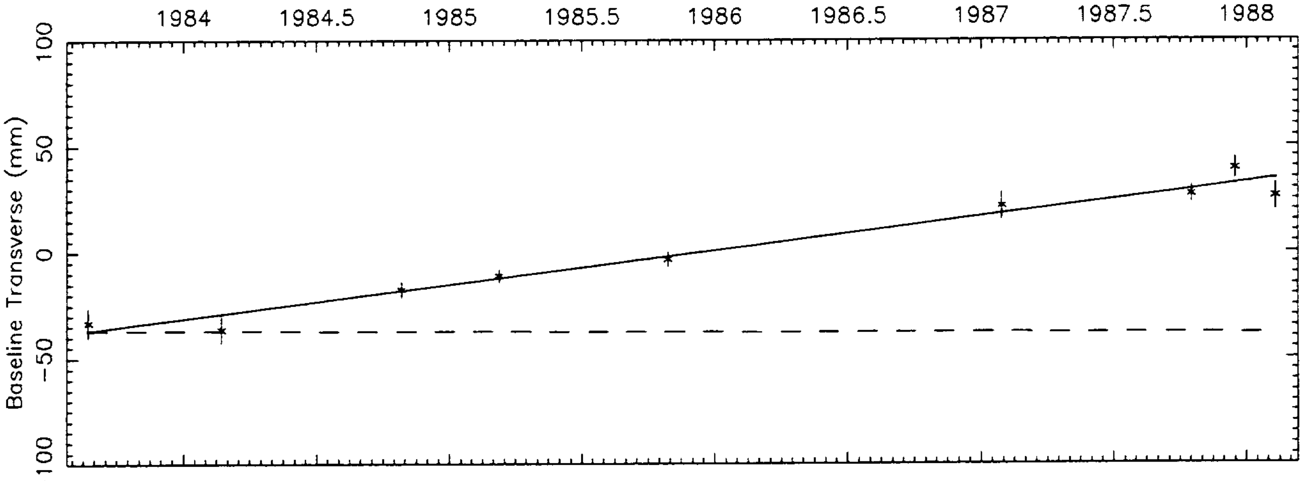
NUVEL model rate = −.2 mm/yr

Vector baseline plots for MOJAVE12–PBLOSSOM

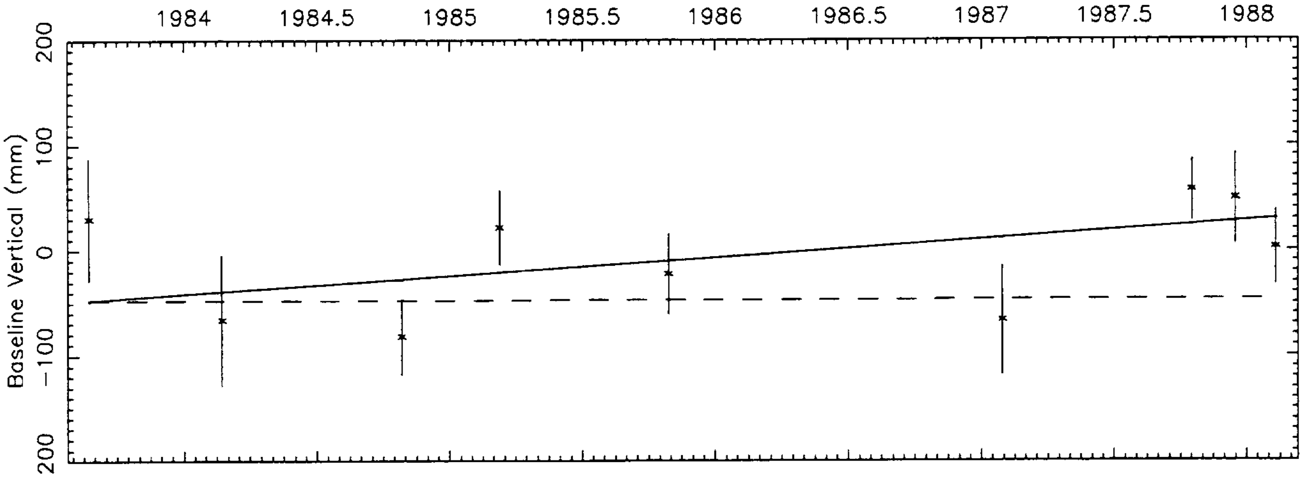
Baseline length = 131 kilometers   Number of sessions = 9



Observed Rate = 1.3 ± 1.8 mm/yr   Wrms of fit = 6.7 mm   Reduced Chi square = 2.55
NUVEL model rate = .0 mm/yr   Weighted mean length = 131184785.1 mm



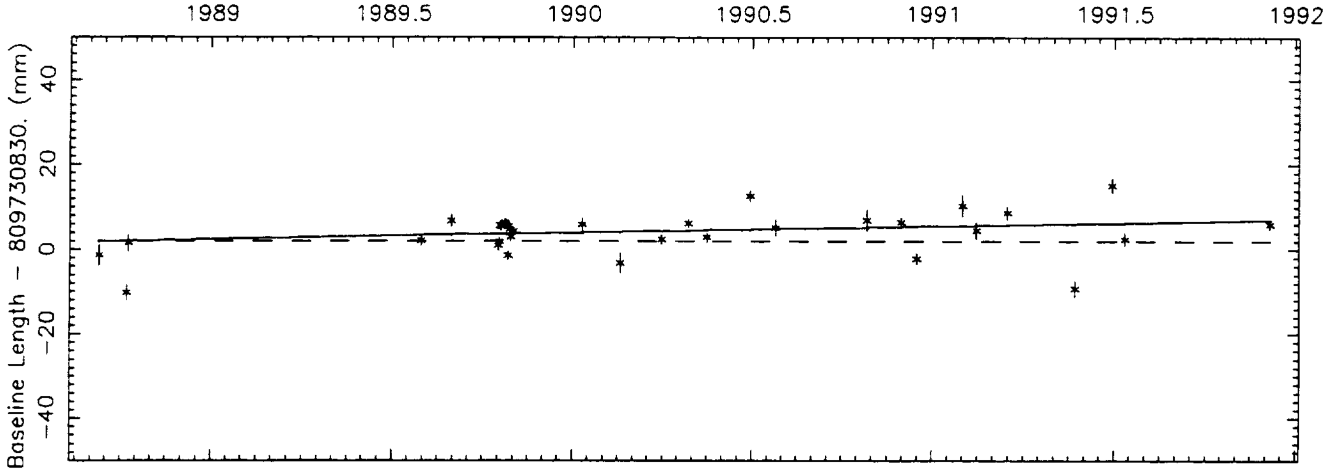
Observed Rate = 15.9 ± 1.0 mm/yr   Wrms of fit = 3.7 mm   Reduced Chi square = .95
NUVEL model rate = –.3 mm/yr



Observed Rate = 17.3 ± 10.6 mm/yr   Wrms of fit = 42.5 mm   Reduced Chi square = 1.47
NUVEL model rate = .4 mm/yr

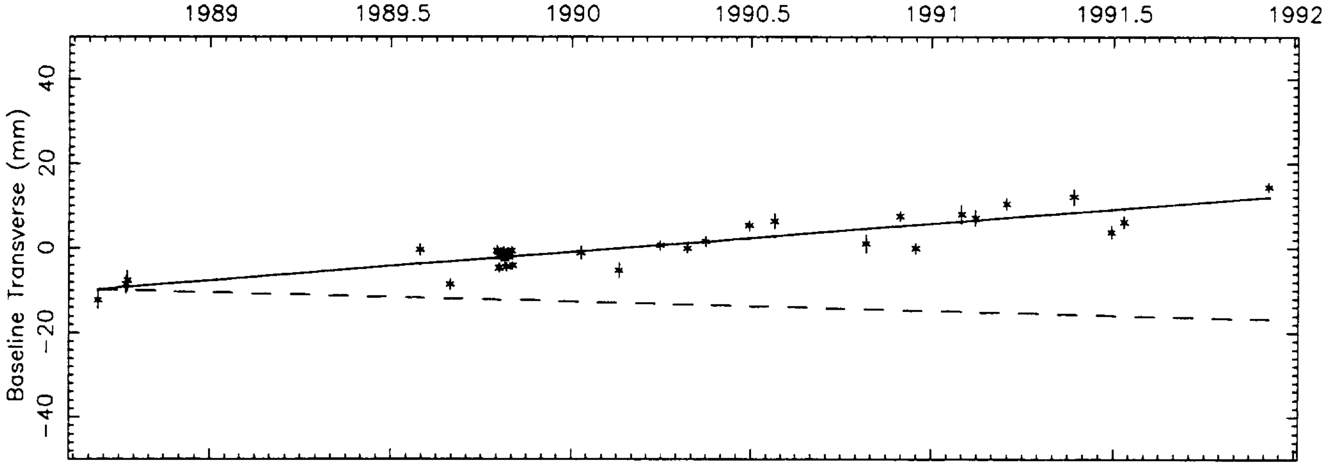
Vector baseline plots for MOJAVE12–PIETOWN

Baseline length = 810 kilometers   Number of sessions = 34



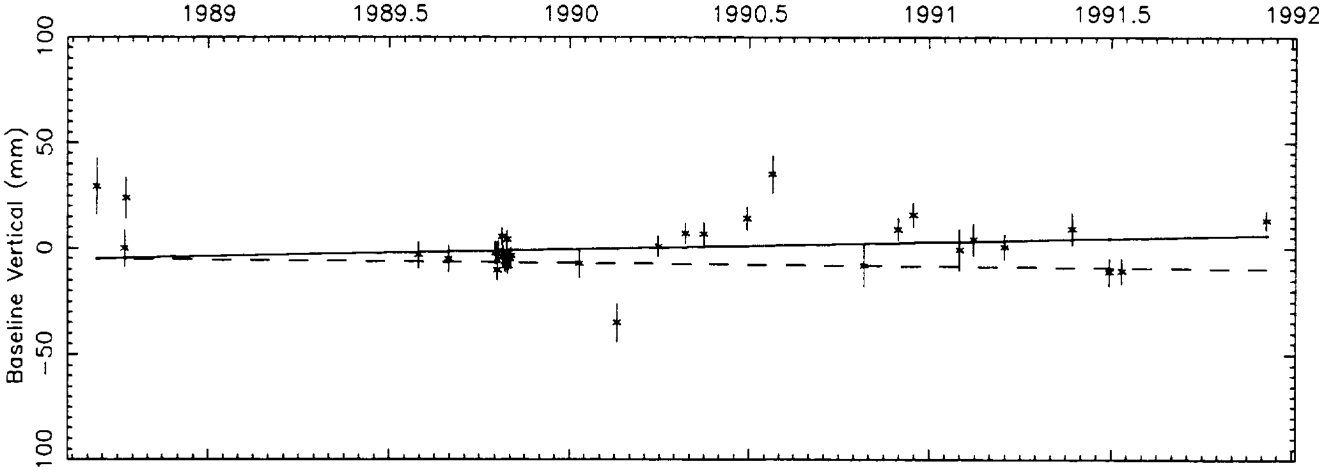
Observed Rate = 1.5 ± 1.0 mm/yr   Wrms of fit = 3.7 mm   Reduced Chi square = 9.78

NUVEL model rate = .0 mm/yr   Weighted mean length = 809730834.1 mm



Observed Rate = 6.7 ± .6 mm/yr   Wrms of fit = 2.3 mm   Reduced Chi square = 3.85

NUVEL model rate = –2.2 mm/yr



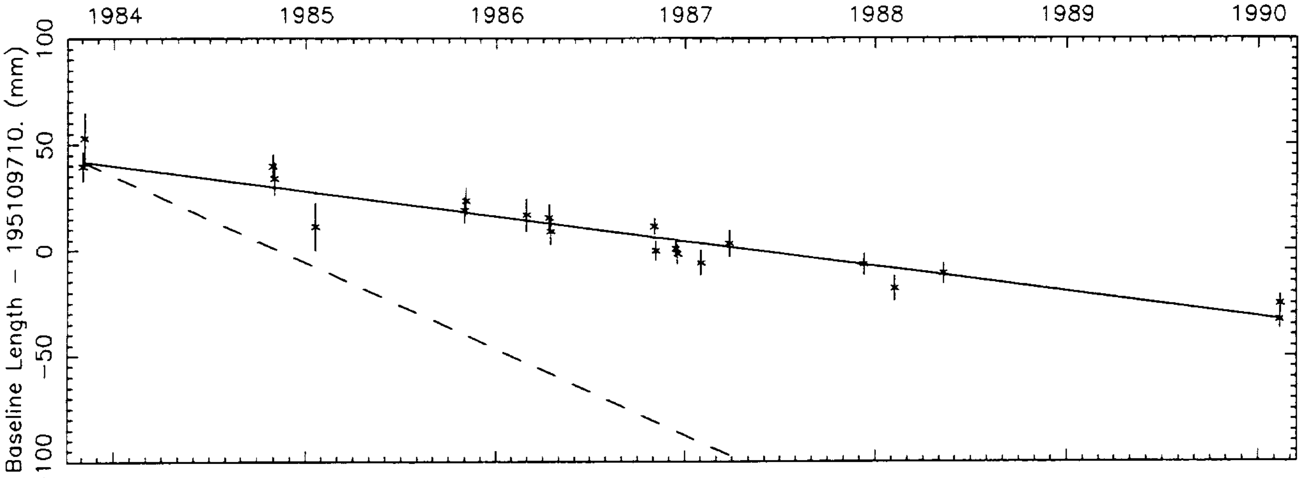
Observed Rate = 3.4 ± 2.4 mm/yr   Wrms of fit = 9.1 mm   Reduced Chi square = 2.90

NUVEL model rate = –1.5 mm/yr

Vector baseline plots for MOJAVE12–PINFLATS

Baseline length =   195 kilometers

Number of sessions = 21



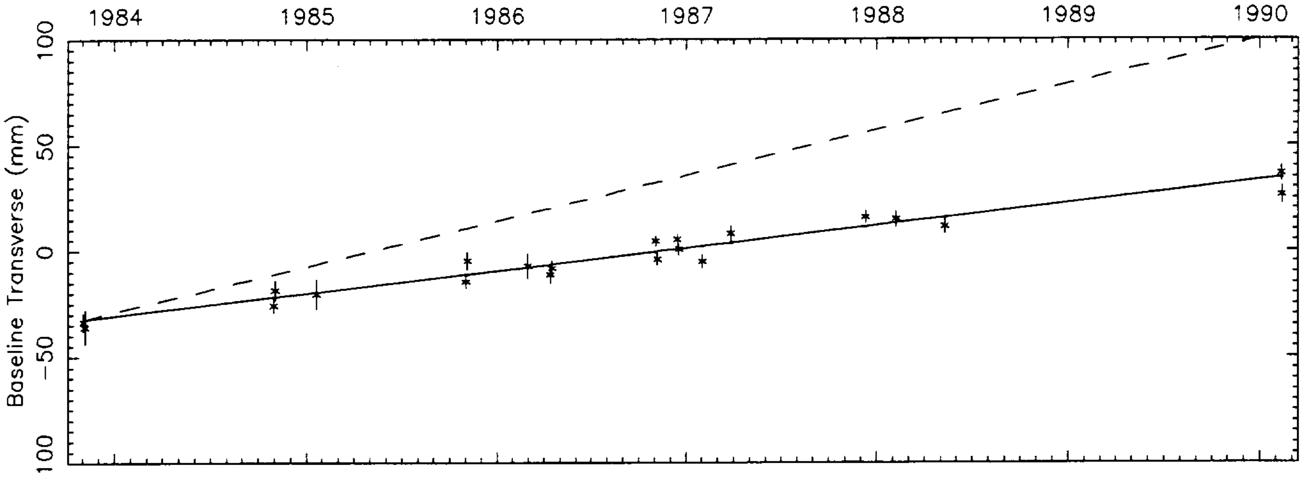
Observed Rate = −11.9 ± .8 mm/yr

Wrms of fit = 5.6 mm

Reduced Chi square = 1.18

NUVEL model rate = −40.8 mm/yr

Weighted mean length = 195109712.0 mm

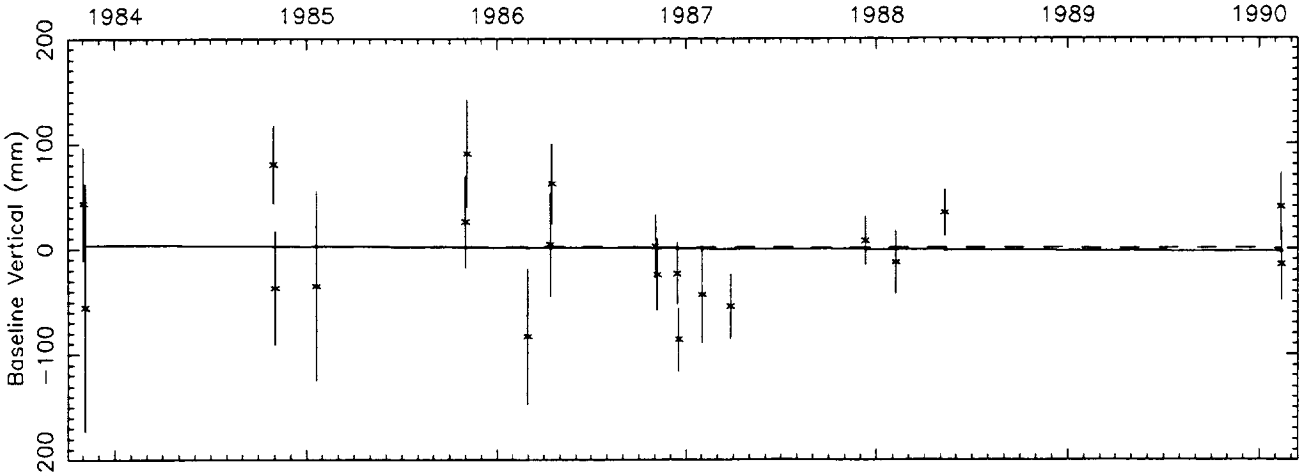


Observed Rate = 10.6 ± .7 mm/yr

Wrms of fit = 4.3 mm

Reduced Chi square = 1.66

NUVEL model rate = 21.5 mm/yr



Observed Rate = −1.0 ± 6.9 mm/yr

Wrms of fit = 43.4 mm

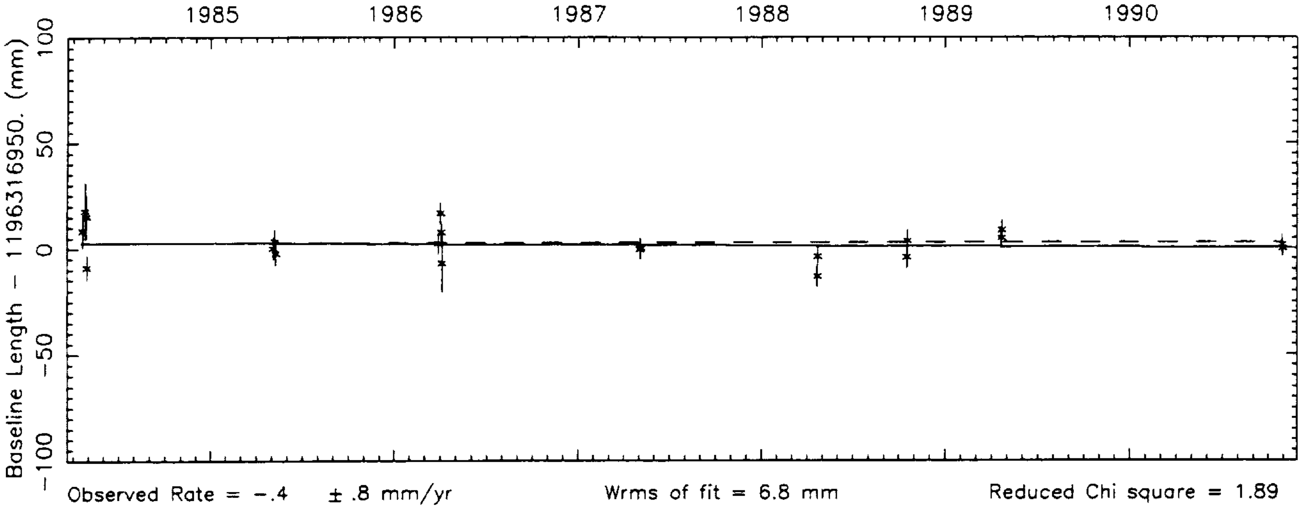
Reduced Chi square = 1.65

NUVEL model rate = −.5 mm/yr

Vector baseline plots for MOJAVE12-PLATTVIL

Baseline length = 1196 kilometers

Number of sessions = 21



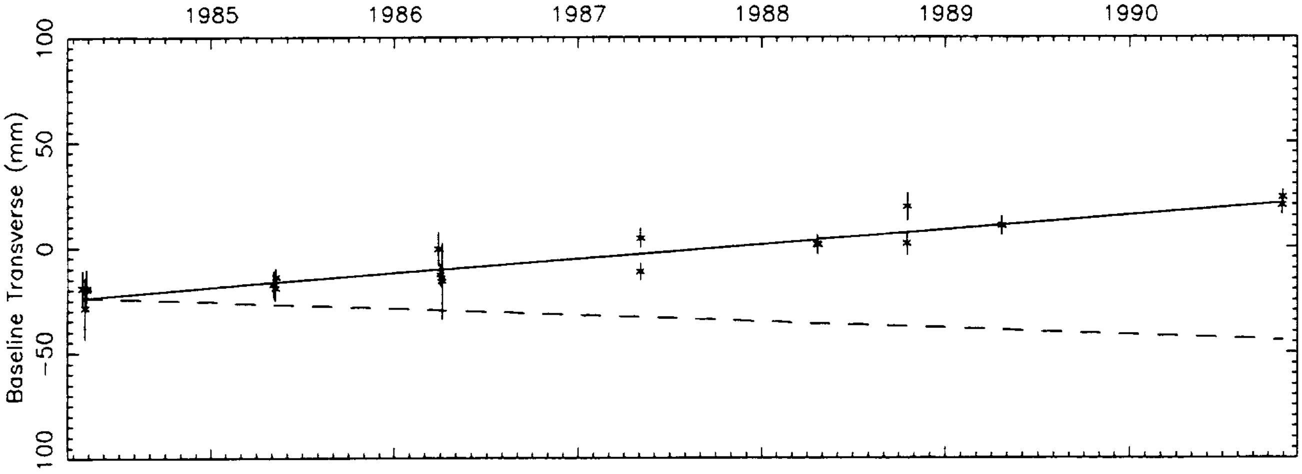
Observed Rate = -.4 ± .8 mm/yr

Wrms of fit = 6.8 mm

Reduced Chi square = 1.89

NUVEL model rate = .0 mm/yr

Weighted mean length = 1196316951.3 mm

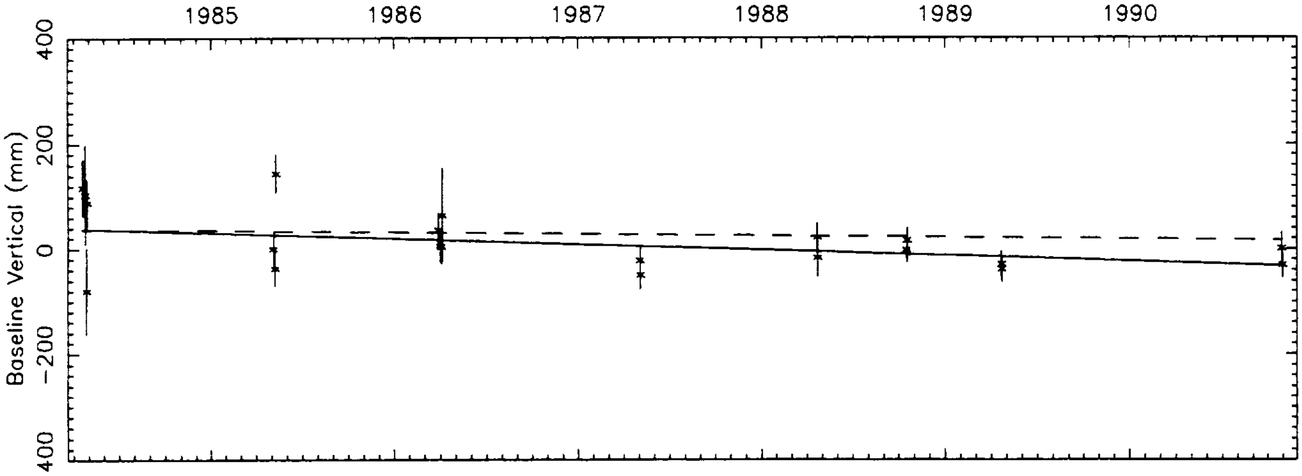


Observed Rate = 6.8 ± .5 mm/yr

Wrms of fit = 4.6 mm

Reduced Chi square = .90

NUVEL model rate = -3.1 mm/yr



Observed Rate = -10.7 ± 4.8 mm/yr

Wrms of fit = 38.6 mm

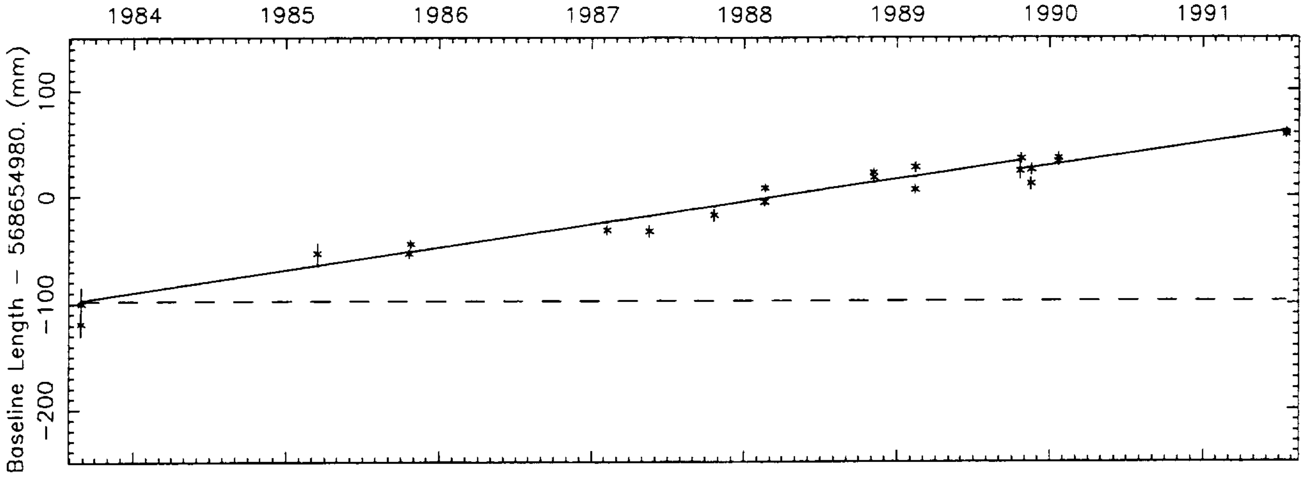
Reduced Chi square = 1.70

NUVEL model rate = -3.2 mm/yr

Vector baseline plots for MOJAVE12-PRESIDIO

Baseline length = 569 kilometers

Number of sessions = 22



Observed Rate = 21.3 ± 1.5 mm/yr

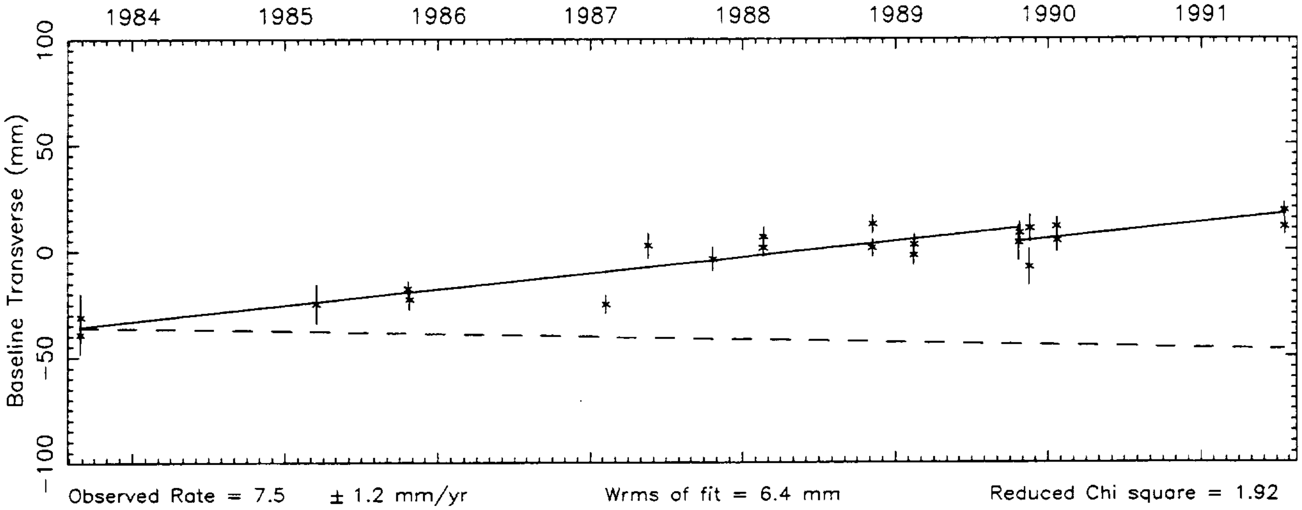
NUVEL model rate = .0 mm/yr

Wrms of fit = 7.6 mm

Weighted mean length = 568654984.7 mm

Offset = -8.3 ± 5.7 mm

Reduced Chi square = 2.91



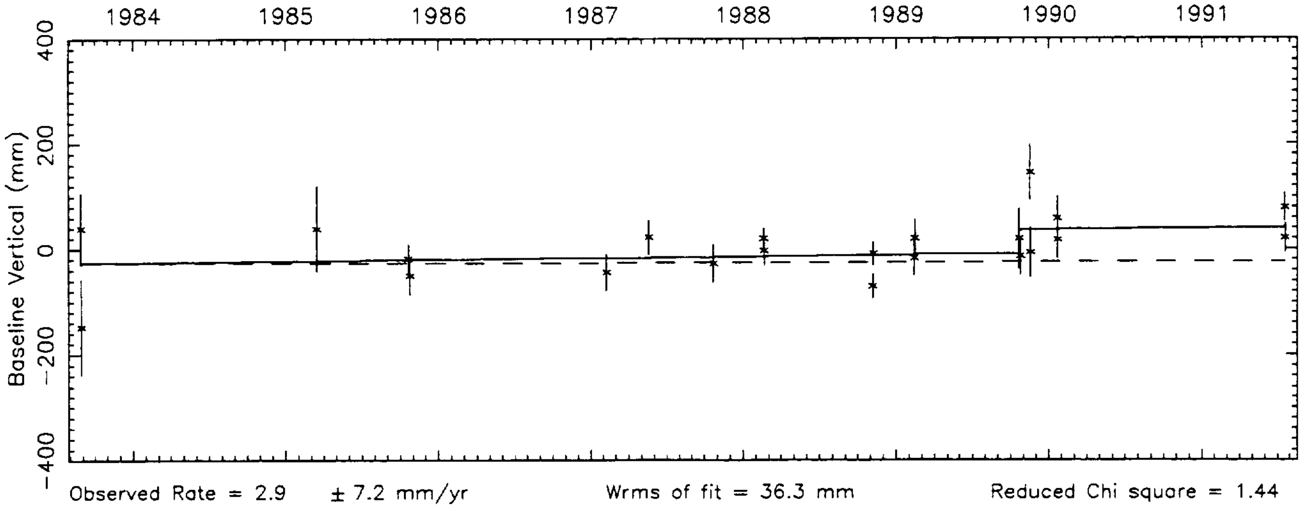
Observed Rate = 7.5 ± 1.2 mm/yr

NUVEL model rate = -1.4 mm/yr

Wrms of fit = 6.4 mm

Offset = -6.4 ± 4.8 mm

Reduced Chi square = 1.92



Observed Rate = 2.9 ± 7.2 mm/yr

NUVEL model rate = .4 mm/yr

Wrms of fit = 36.3 mm

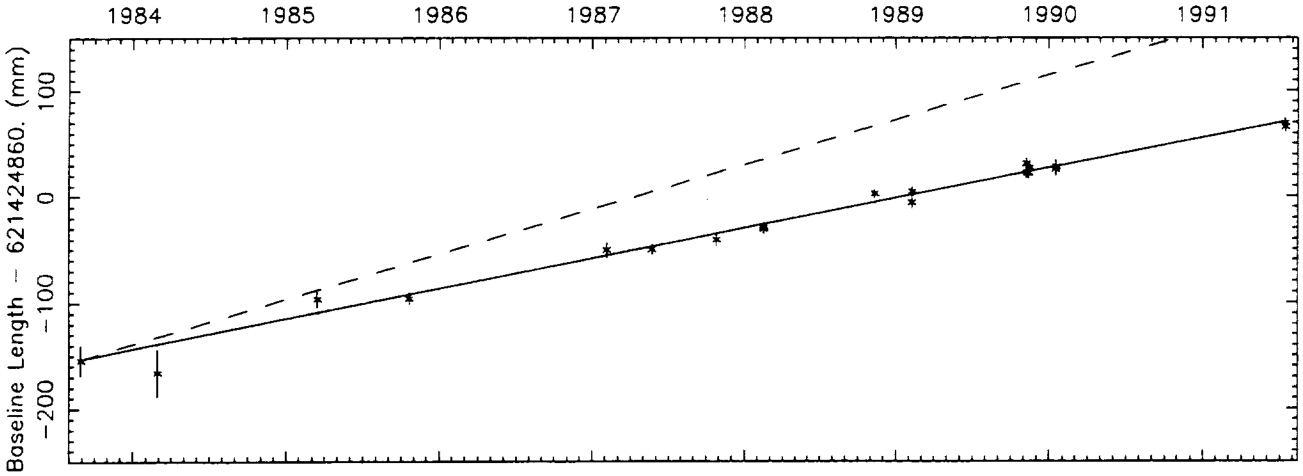
Offset = 45.1 ± 27.4 mm

Reduced Chi square = 1.44

Vector baseline plots for MOJAVE12-PT REYES

Baseline length = 621 kilometers

Number of sessions = 20



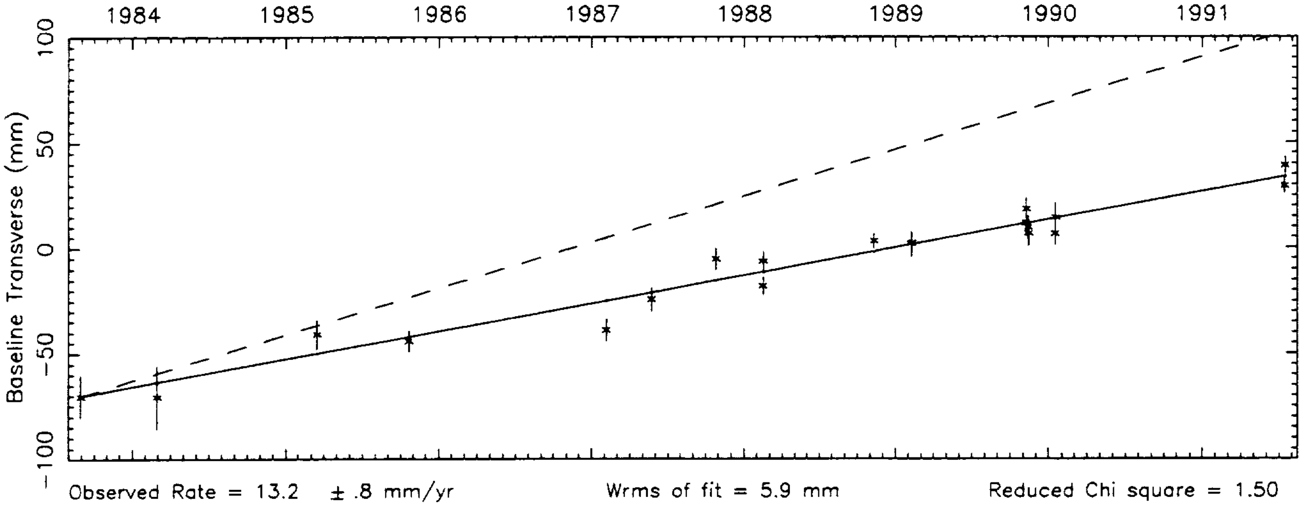
Observed Rate = 28.5 ± .8 mm/yr

NUVEL model rate = 42.3 mm/yr

Wrms of fit = 5.3 mm

Weighted mean length = 621424857.7 mm

Reduced Chi square = 1.26

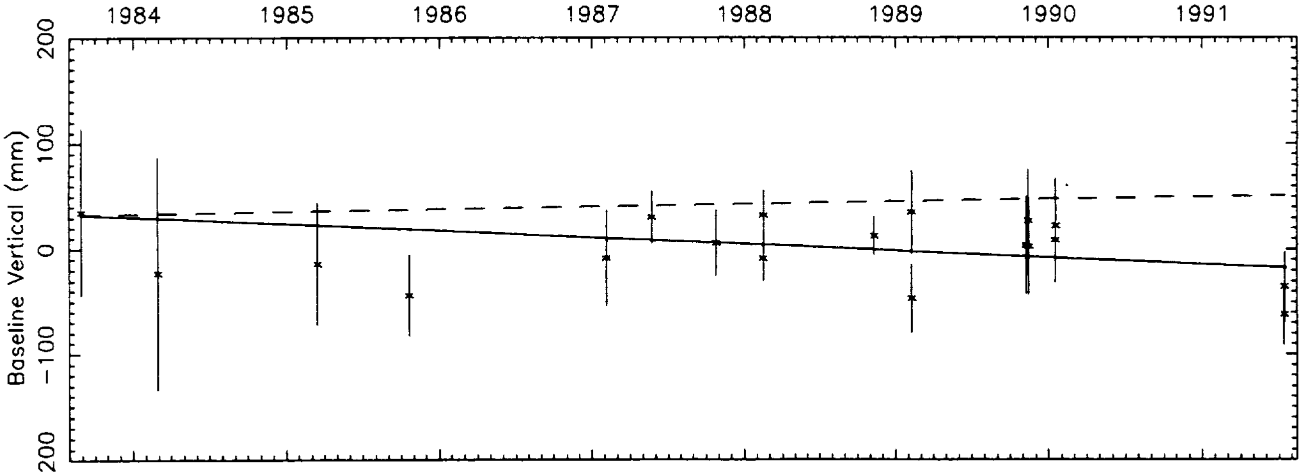


Observed Rate = 13.2 ± .8 mm/yr

NUVEL model rate = 21.9 mm/yr

Wrms of fit = 5.9 mm

Reduced Chi square = 1.50



Observed Rate = -6.4 ± 4.1 mm/yr

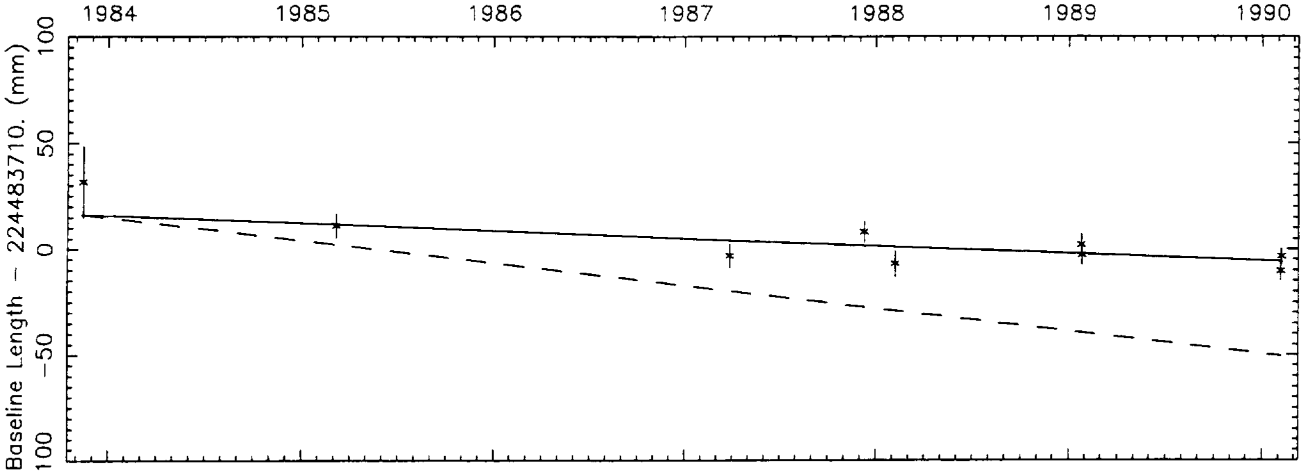
NUVEL model rate = 2.4 mm/yr

Wrms of fit = 27.1 mm

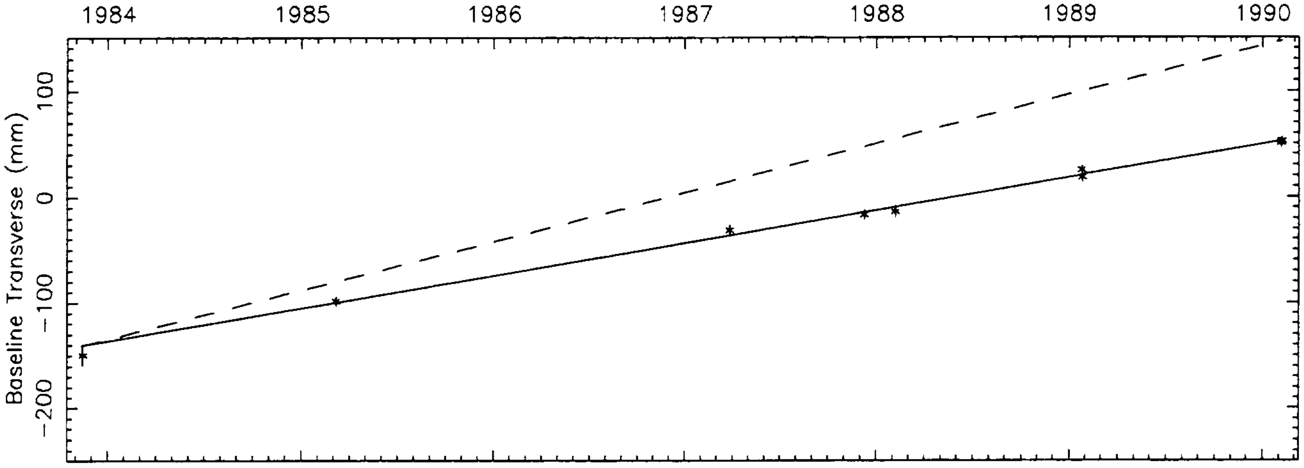
Reduced Chi square = .74

Vector baseline plots for MOJAVE12-PVERDES

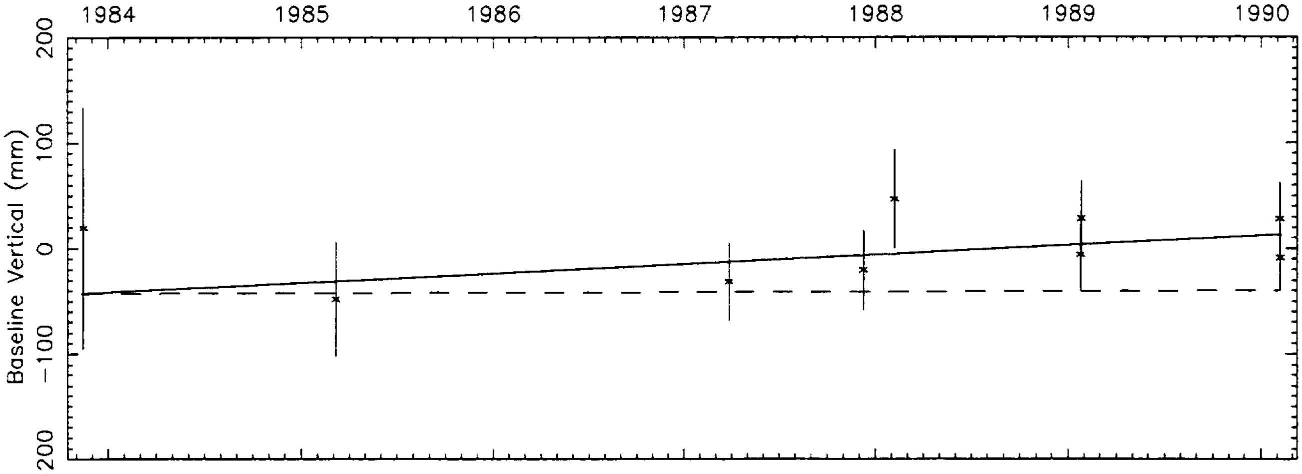
Baseline length = 224 kilometers Number of sessions = 9



Observed Rate = -3.6 ± 1.2 mm/yr Wrms of fit = 5.0 mm Reduced Chi square = 1.13
NUVEL model rate = -10.7 mm/yr Weighted mean length = 224483709.2 mm



Observed Rate = 30.9 ± .7 mm/yr Wrms of fit = 3.3 mm Reduced Chi square = .65
NUVEL model rate = 46.1 mm/yr

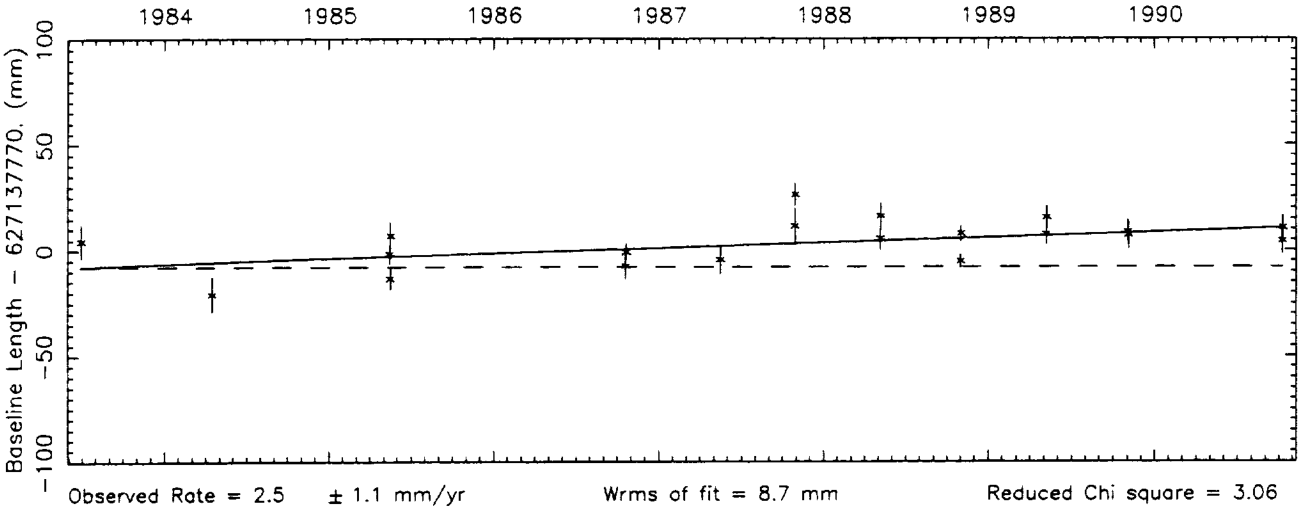


Observed Rate = 8.9 ± 6.2 mm/yr Wrms of fit = 23.6 mm Reduced Chi square = .47
NUVEL model rate = .4 mm/yr

Vector baseline plots for MOJAVE12–QUINCY

Baseline length = 627 kilometers

Number of sessions = 20



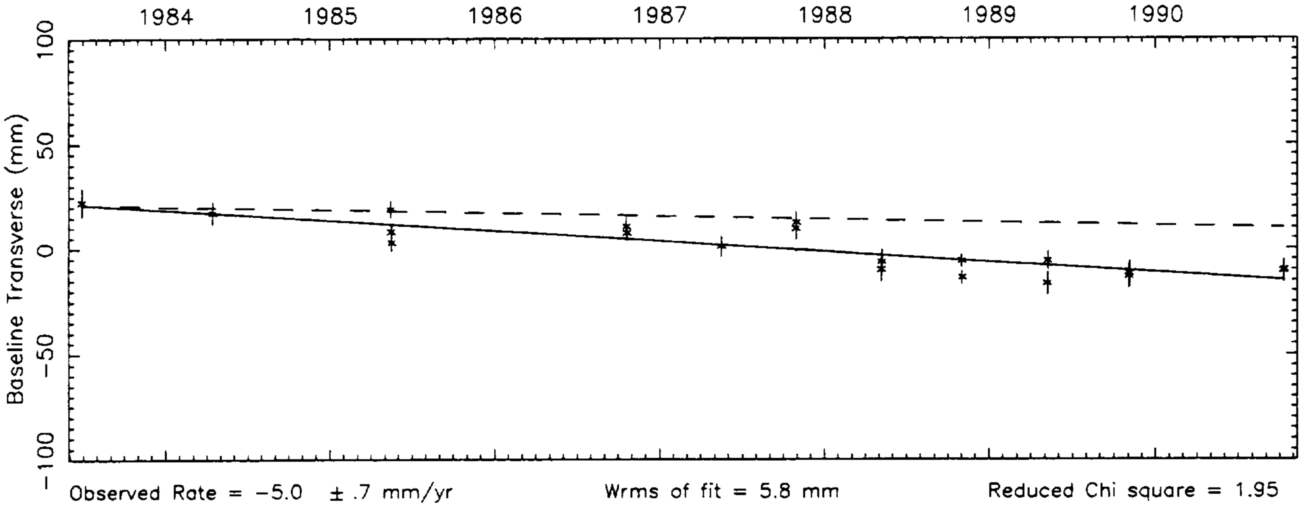
Observed Rate = 2.5 ± 1.1 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 8.7 mm

Weighted mean length = 627137773.3 mm

Reduced Chi square = 3.06

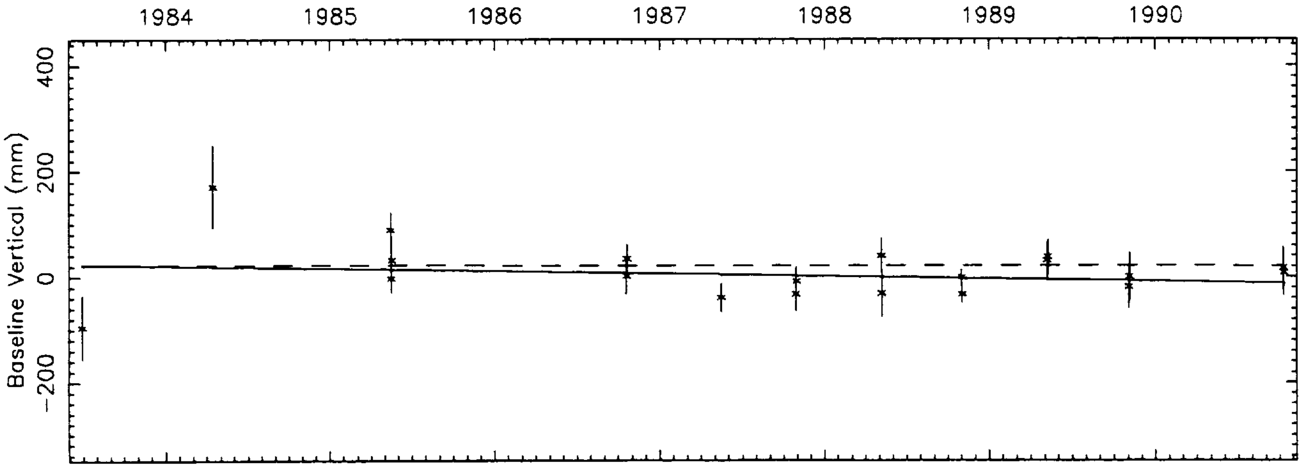


Observed Rate = –5.0 ± .7 mm/yr

NUVEL model rate = –1.5 mm/yr

Wrms of fit = 5.8 mm

Reduced Chi square = 1.95



Observed Rate = –4.9 ± 5.3 mm/yr

NUVEL model rate = –.3 mm/yr

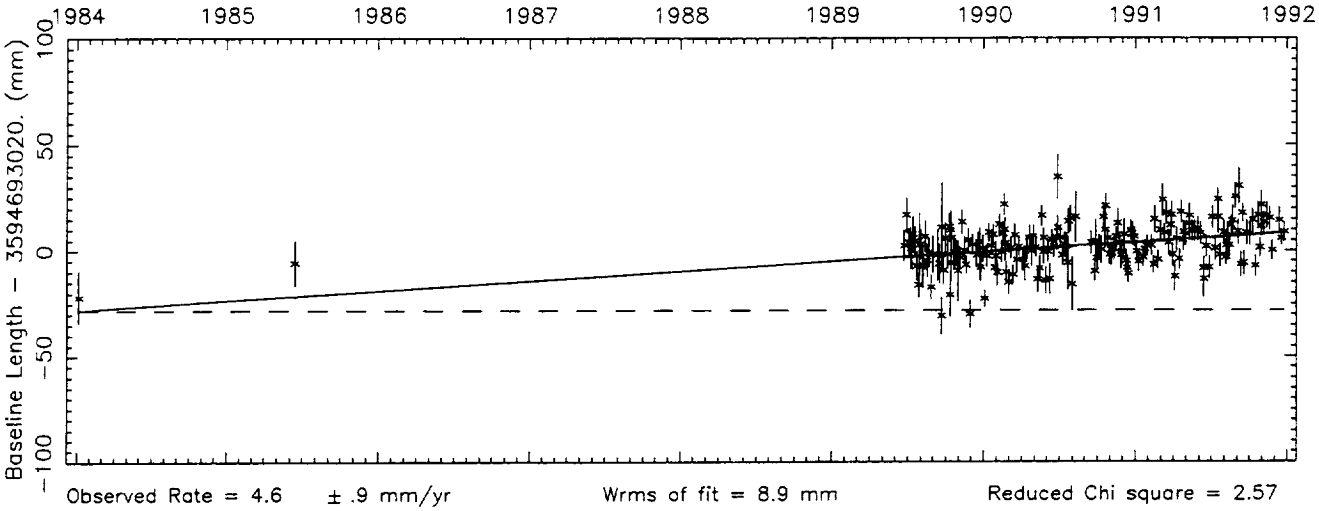
Wrms of fit = 34.6 mm

Reduced Chi square = 1.52

Vector baseline plots for MOJAVE12–RICHMOND

Baseline length = 3595 kilometers

Number of sessions = 191



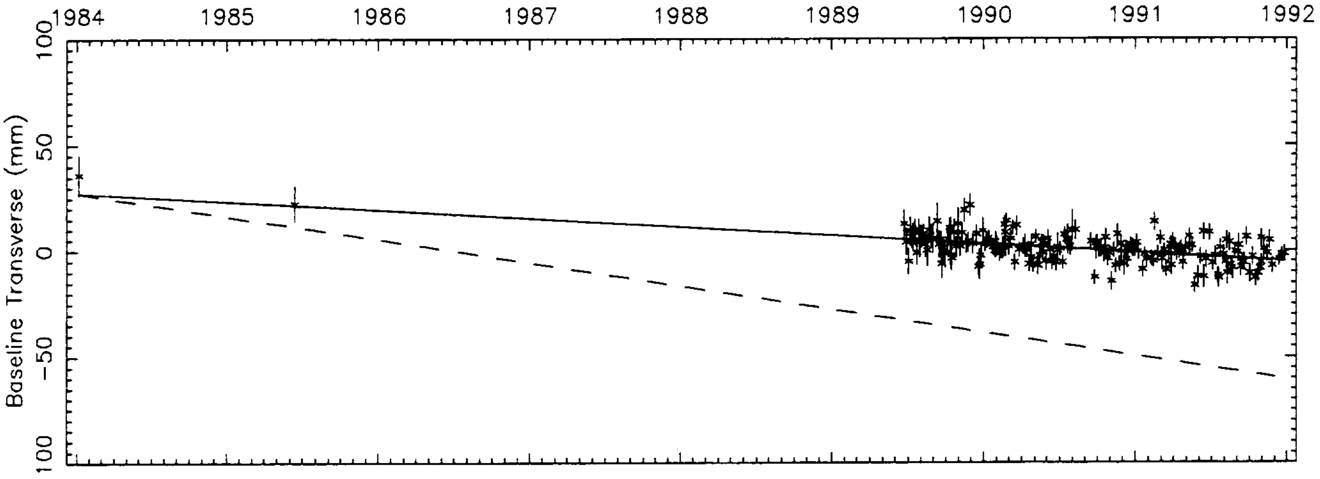
Observed Rate = 4.6 ± .9 mm/yr

Wrms of fit = 8.9 mm

Reduced Chi square = 2.57

NUVEL model rate = .0 mm/yr

Weighted mean length = 3594693022.7 mm

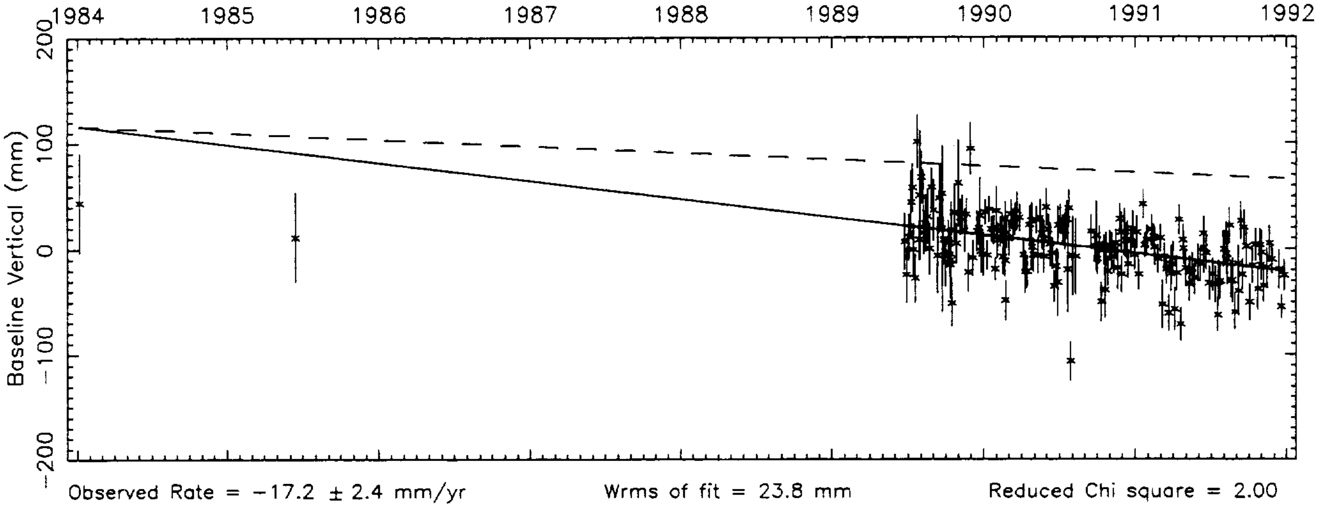


Observed Rate = –4.0 ± .5 mm/yr

Wrms of fit = 5.4 mm

Reduced Chi square = 1.76

NUVEL model rate = –11.0 mm/yr



Observed Rate = –17.2 ± 2.4 mm/yr

Wrms of fit = 23.8 mm

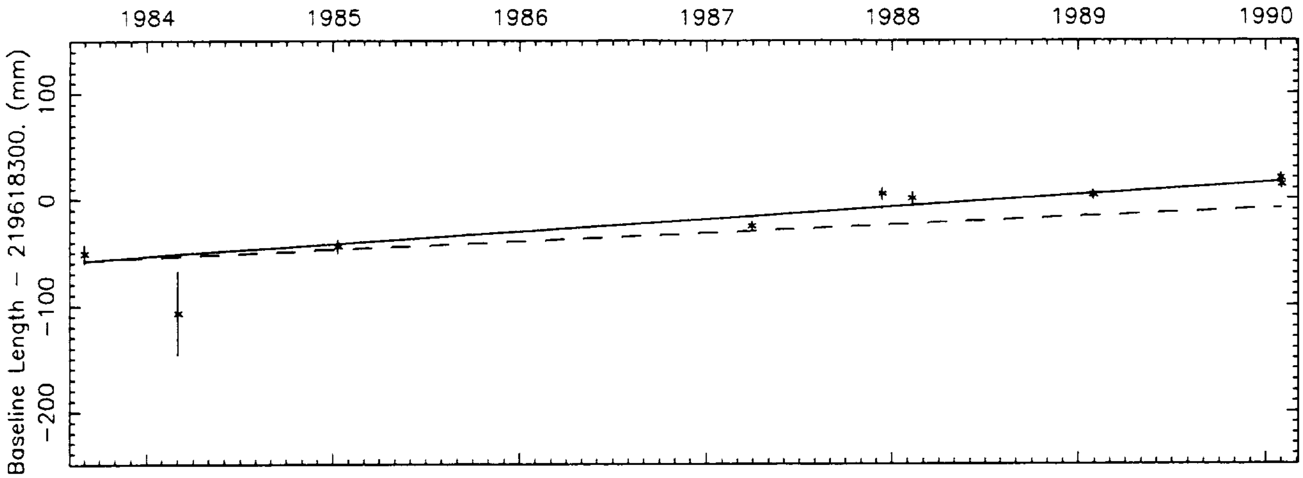
Reduced Chi square = 2.00

NUVEL model rate = –6.3 mm/yr

Vector baseline plots for MOJAVE12–SANPAULA

Baseline length = 220 kilometers

Number of sessions = 10



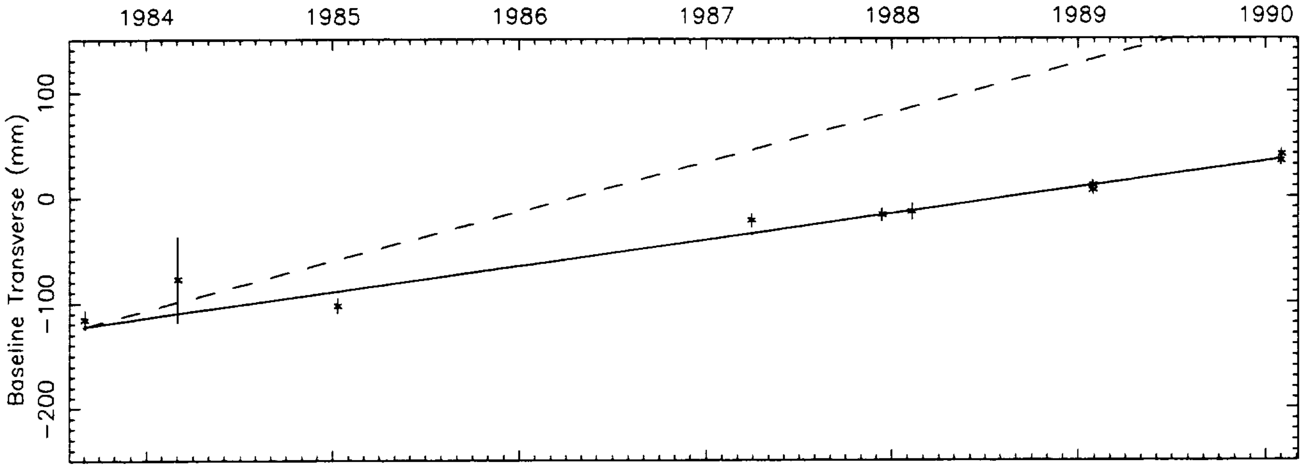
Observed Rate = 11.5 ± 1.3 mm/yr

Wrms of fit = 5.9 mm

Reduced Chi square = 1.65

NUVEL model rate = 7.7 mm/yr

Weighted mean length = 219618298.8 mm

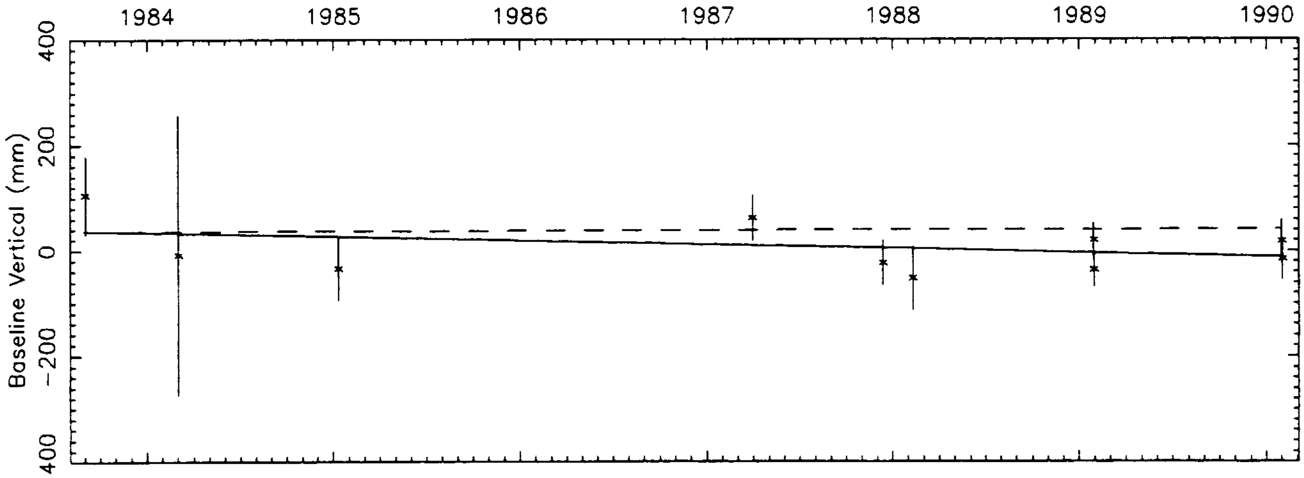


Observed Rate = 24.6 ± 1.3 mm/yr

Wrms of fit = 5.9 mm

Reduced Chi square = 1.38

NUVEL model rate = 46.7 mm/yr



Observed Rate = –7.5 ± 8.2 mm/yr

Wrms of fit = 36.9 mm

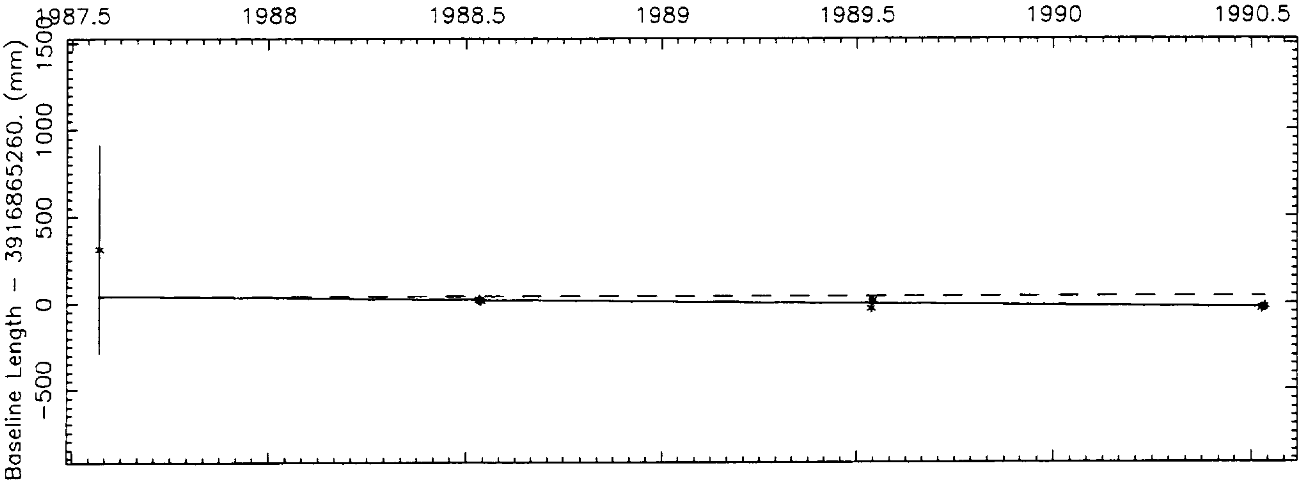
Reduced Chi square = .86

NUVEL model rate = .7 mm/yr

Vector baseline plots for MOJAVE12–SNDPOINT

Baseline length = 3917 kilometers

Number of sessions = 10



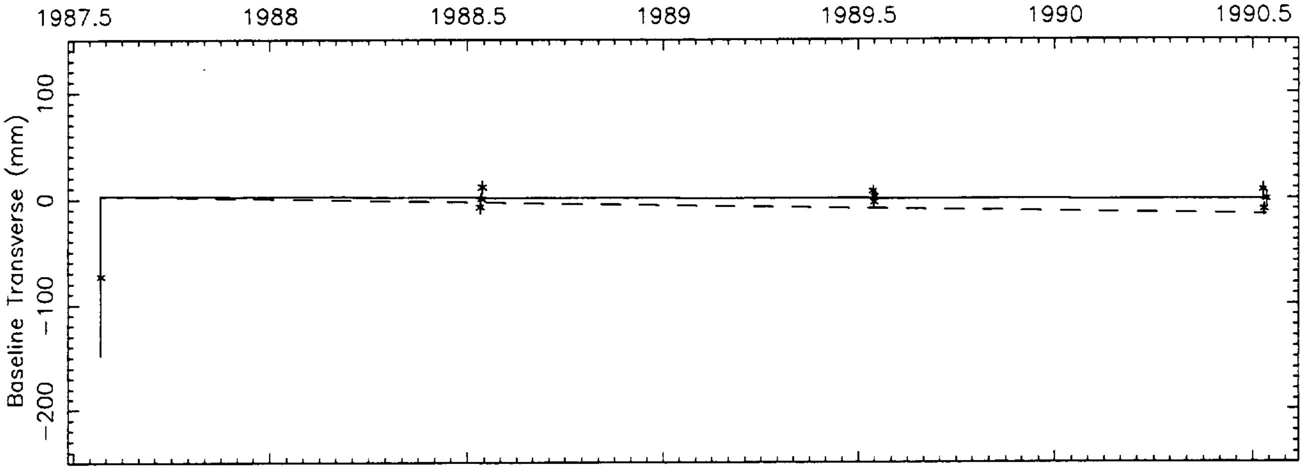
Observed Rate = –22.6 ± 6.0 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 13.4 mm

Weighted mean length = 3916865256.6 mm

Reduced Chi square = 1.42

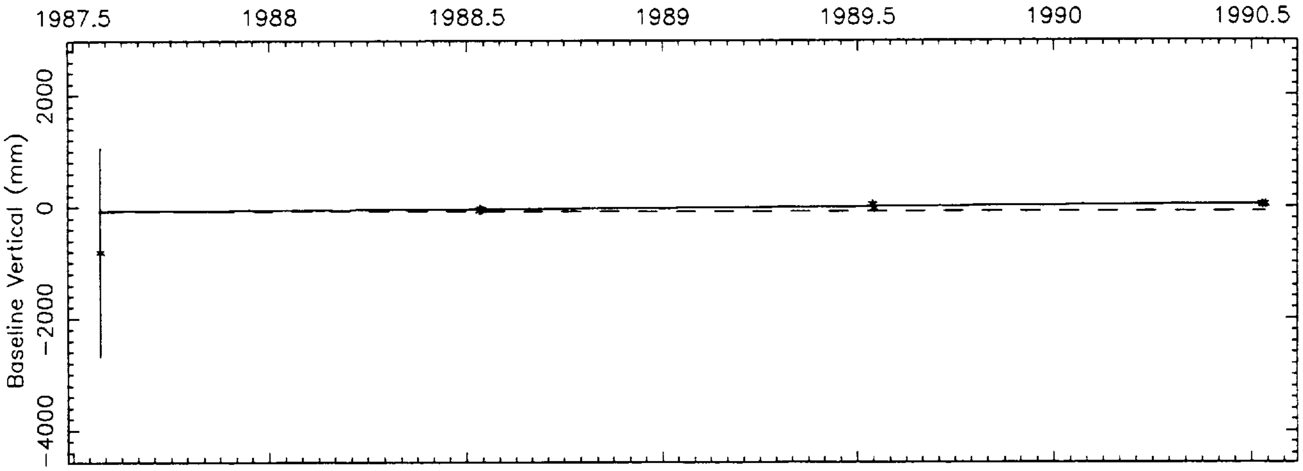


Observed Rate = –1.3 ± 3.2 mm/yr

NUVEL model rate = –6.1 mm/yr

Wrms of fit = 6.7 mm

Reduced Chi square = 1.49



Observed Rate = 43.4 ± 9.8 mm/yr

NUVEL model rate = –.4 mm/yr

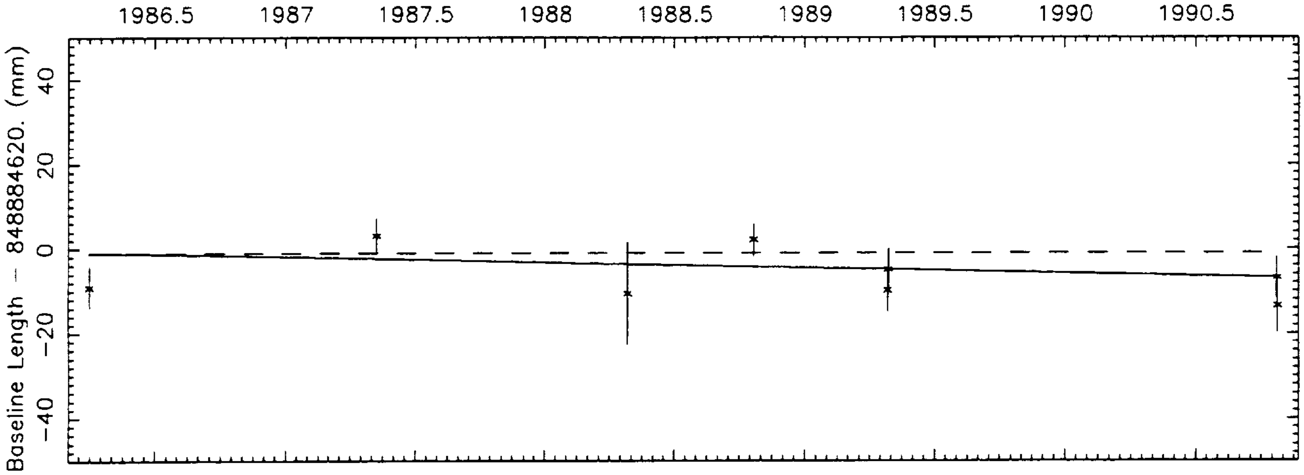
Wrms of fit = 21.9 mm

Reduced Chi square = .42

Vector baseline plots for MOJAVE12–VERNAL

Baseline length = 849 kilometers

Number of sessions = 8



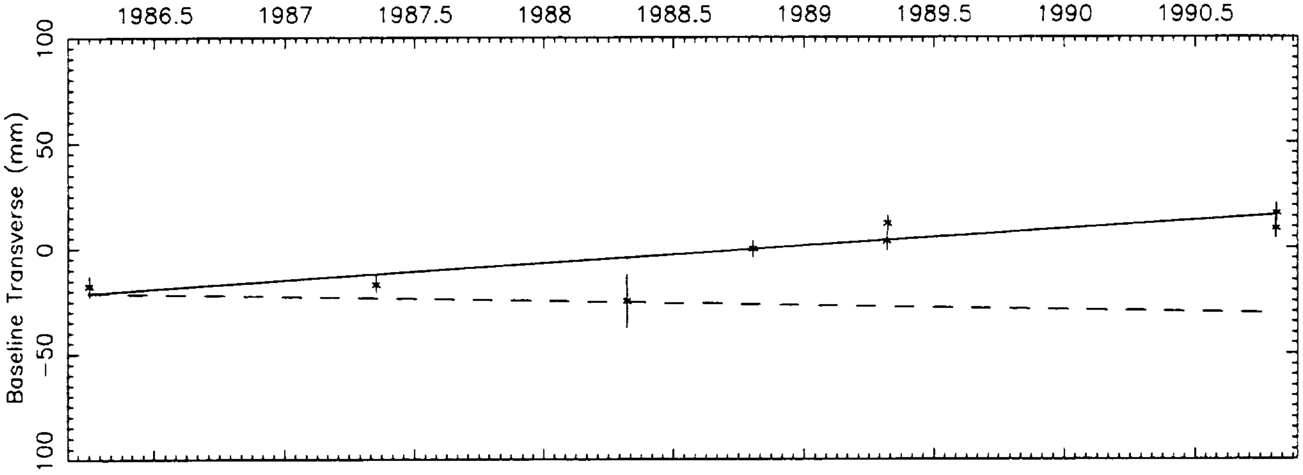
Observed Rate = –1.3 ± 1.5 mm/yr

Wrms of fit = 5.5 mm

Reduced Chi square = 1.64

NUVEL model rate = .0 mm/yr

Weighted mean length = 848884615.7 mm

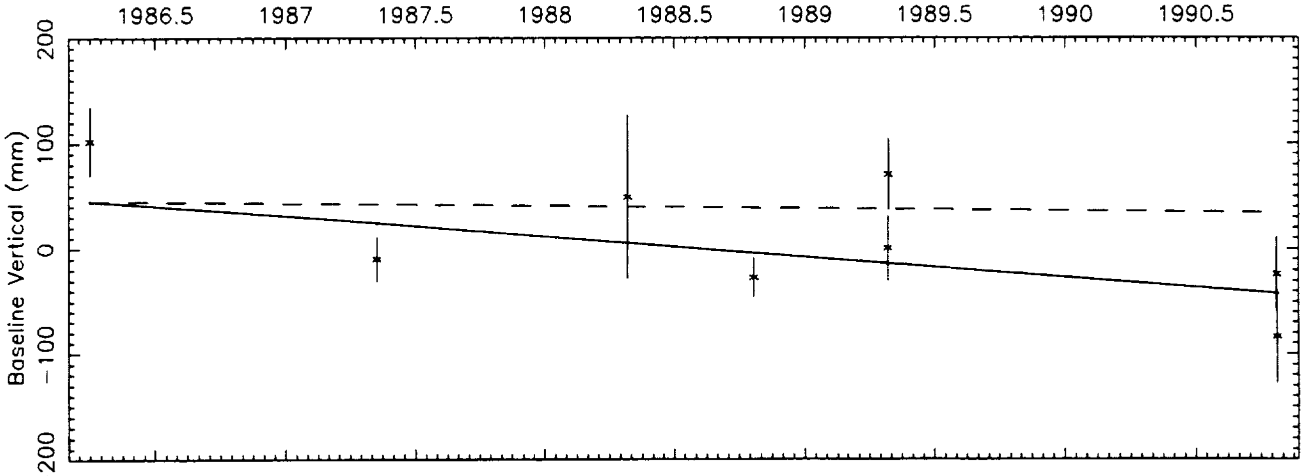


Observed Rate = 8.1 ± 1.6 mm/yr

Wrms of fit = 5.5 mm

Reduced Chi square = 1.95

NUVEL model rate = –2.2 mm/yr



Observed Rate = –19.2 ± 12.4 mm/yr

Wrms of fit = 39.5 mm

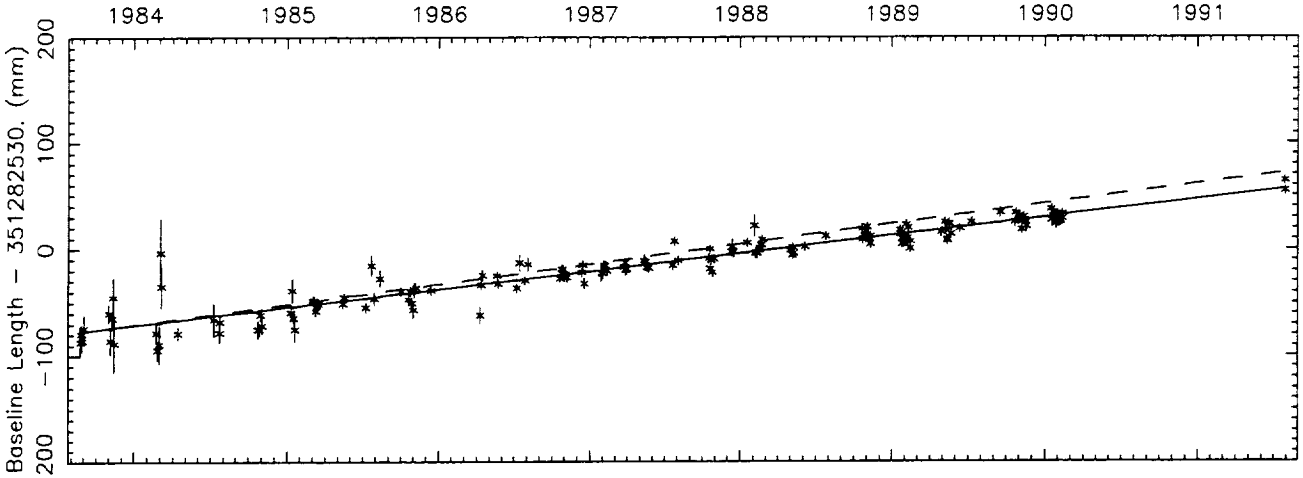
Reduced Chi square = 2.52

NUVEL model rate = –2.4 mm/yr

Vector baseline plots for MOJAVE12–VNDNBERG

Baseline length = 351 kilometers

Number of sessions = 163



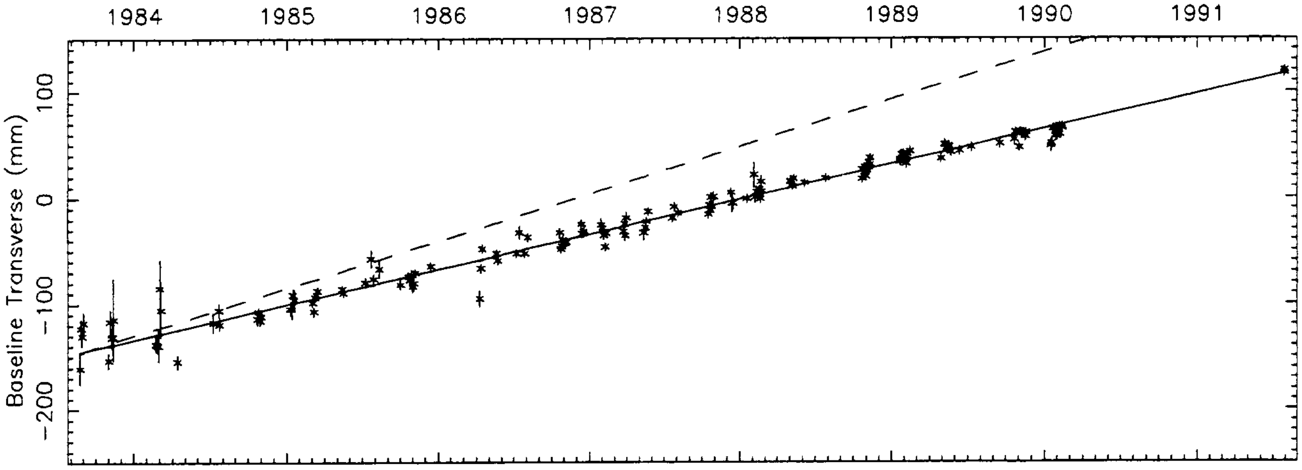
Observed Rate = 16.8 ± .3 mm/yr

NUVEL model rate = 18.8 mm/yr

Wrms of fit = 5.9 mm

Weighted mean length = 351282529.1 mm

Reduced Chi square = 3.22

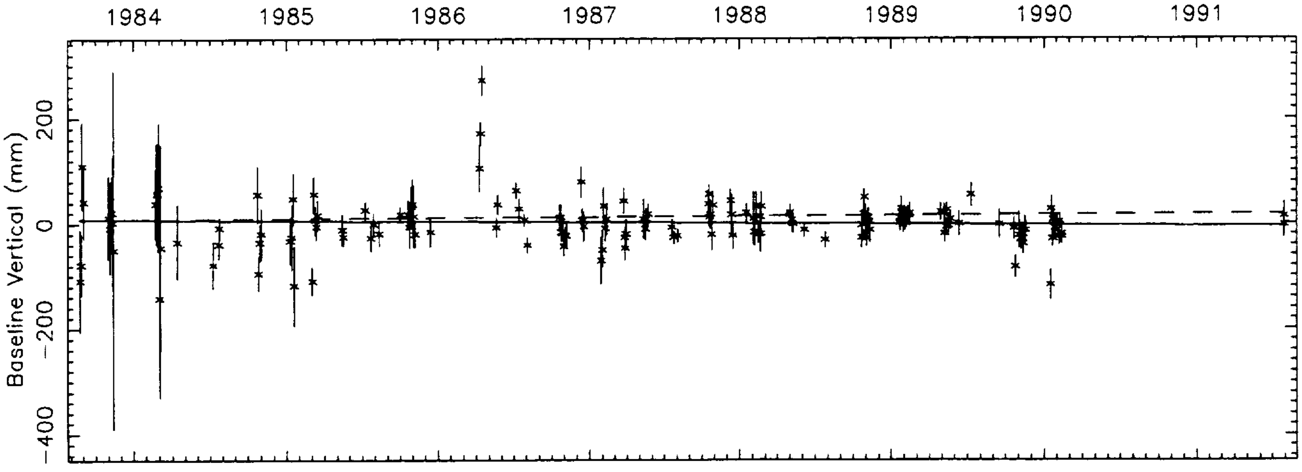


Observed Rate = 33.0 ± .3 mm/yr

NUVEL model rate = 44.4 mm/yr

Wrms of fit = 6.1 mm

Reduced Chi square = 2.56



Observed Rate = −1.7 ± 1.7 mm/yr

NUVEL model rate = 1.3 mm/yr

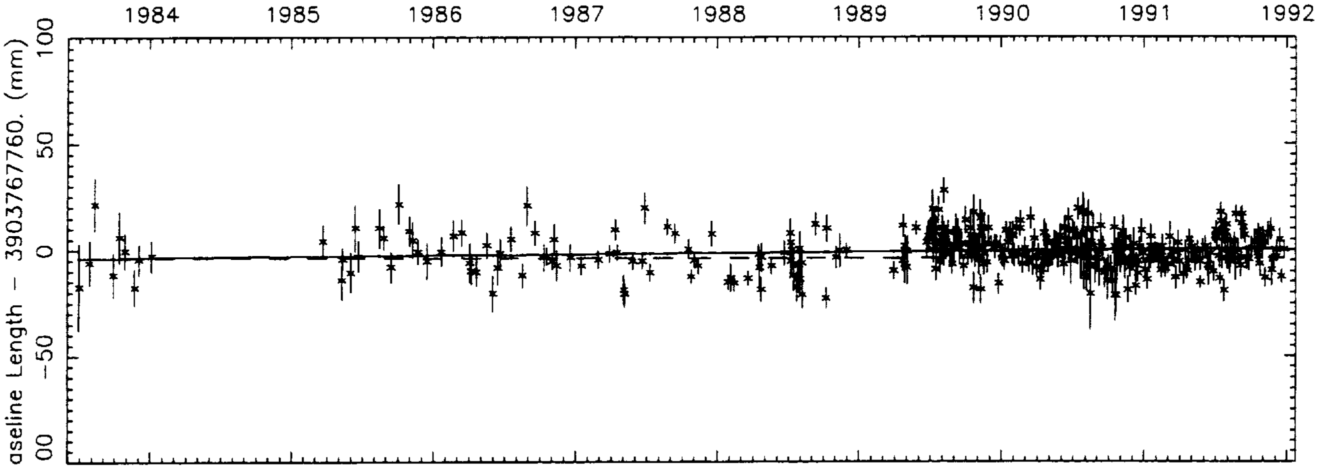
Wrms of fit = 32.6 mm

Reduced Chi square = 2.65

Vector baseline plots for MOJAVE12–WESTFORD

Baseline length = 3904 kilometers

Number of sessions = 403



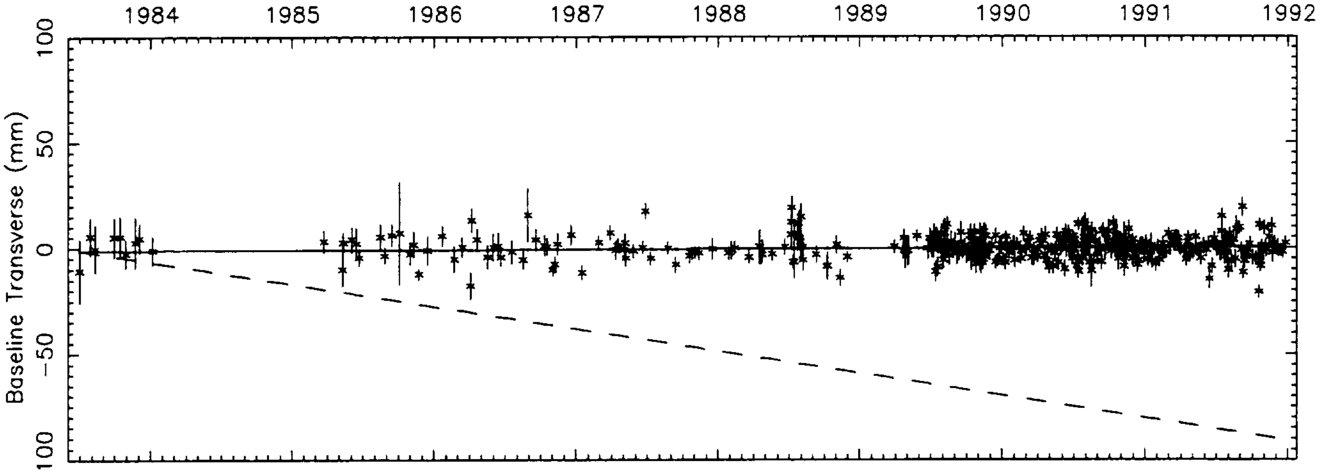
Observed Rate = .5 ± .3 mm/yr

Wrms of fit = 7.1 mm

Reduced Chi square = 2.64

NUVEL model rate = .0 mm/yr

Weighted mean length = 3903767759.6 mm

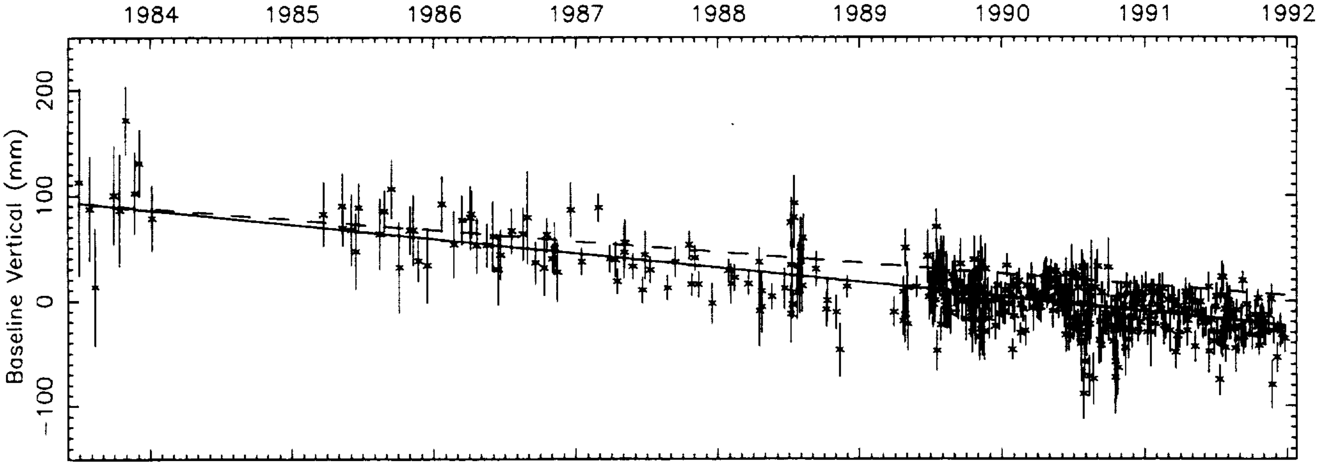


Observed Rate = .2 ± .2 mm/yr

Wrms of fit = 5.0 mm

Reduced Chi square = 2.13

NUVEL model rate = −10.5 mm/yr



Observed Rate = −13.6 ± .7 mm/yr

Wrms of fit = 17.9 mm

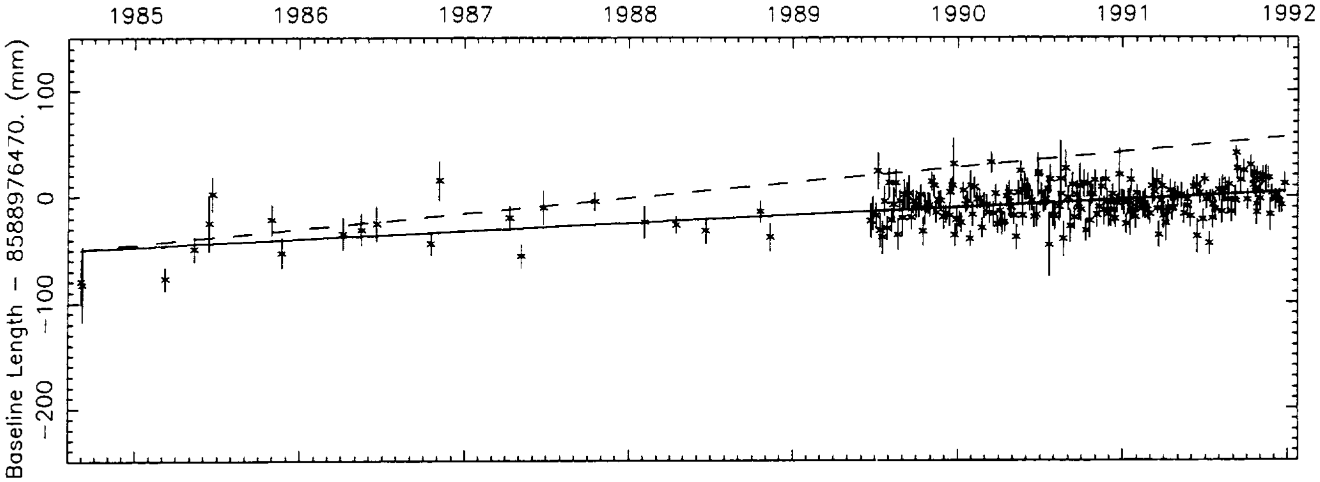
Reduced Chi square = 1.91

NUVEL model rate = −10.3 mm/yr

Vector baseline plots for MOJAVE12—WETTZELL

Baseline length = 8589 kilometers

Number of sessions = 230



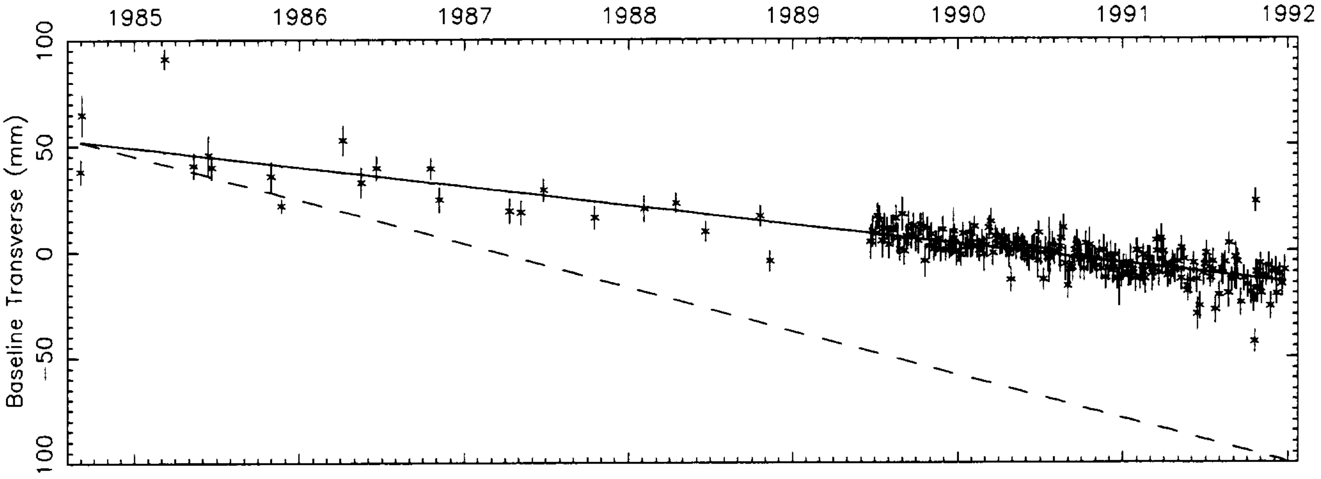
Observed Rate = 7.4 ± .8 mm/yr

Wrms of fit = 14.4 mm

Reduced Chi square = 2.22

NUVEL model rate = 14.5 mm/yr

Weighted mean length = 8588976465.3 mm

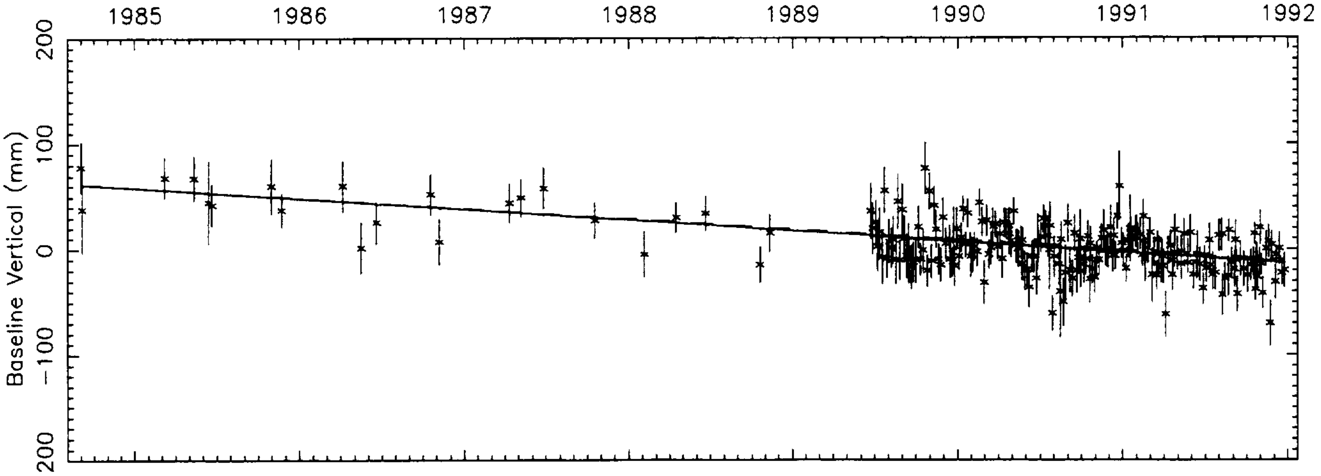


Observed Rate = −9.1 ± .4 mm/yr

Wrms of fit = 7.9 mm

Reduced Chi square = 1.86

NUVEL model rate = −20.7 mm/yr



Observed Rate = −10.2 ± 1.0 mm/yr

Wrms of fit = 17.8 mm

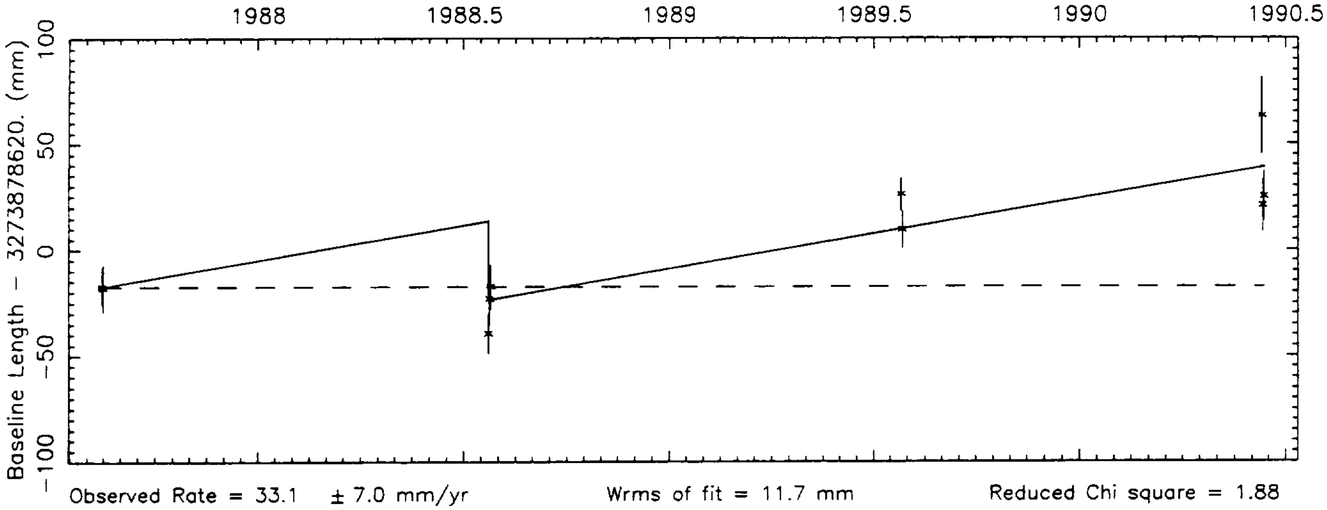
Reduced Chi square = 1.37

NUVEL model rate = −9.8 mm/yr

Vector baseline plots for MOJAVE12–YAKATAGA

Baseline length = 3274 kilometers

Number of sessions = 10



Observed Rate = 33.1 ± 7.0 mm/yr

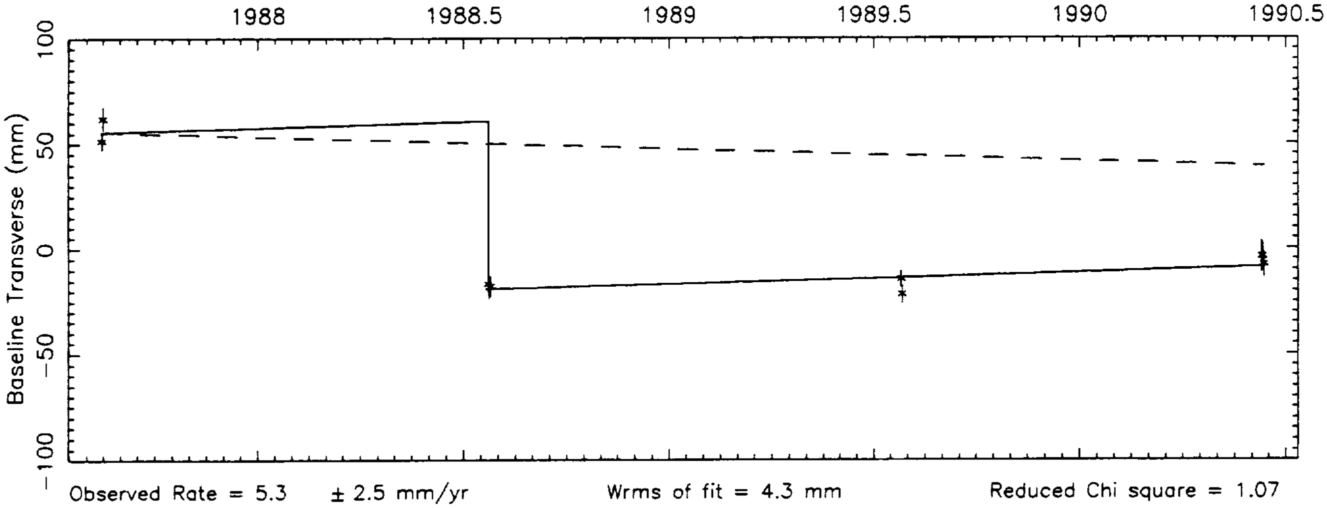
NUVEL model rate = .0 mm/yr

Wrms of fit = 11.7 mm

Weighted mean length = 3273878619.3 mm

Offset = –37.1 ± 16.3 mm

Reduced Chi square = 1.88



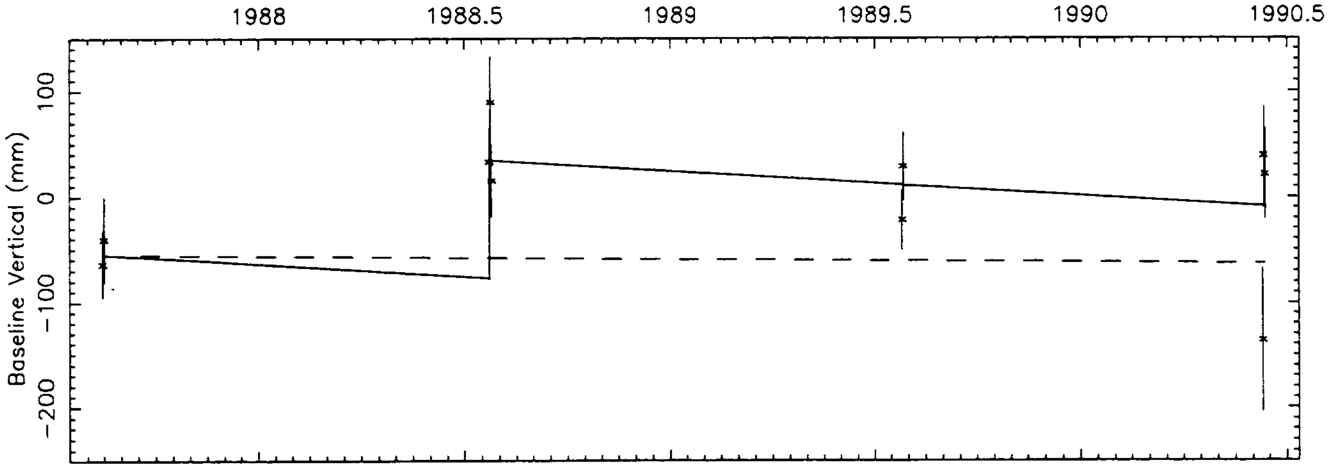
Observed Rate = 5.3 ± 2.5 mm/yr

NUVEL model rate = –5.8 mm/yr

Wrms of fit = 4.3 mm

Offset = –79.8 ± 5.9 mm

Reduced Chi square = 1.07



Observed Rate = –23.5 ± 20.6 mm/yr

NUVEL model rate = –2.9 mm/yr

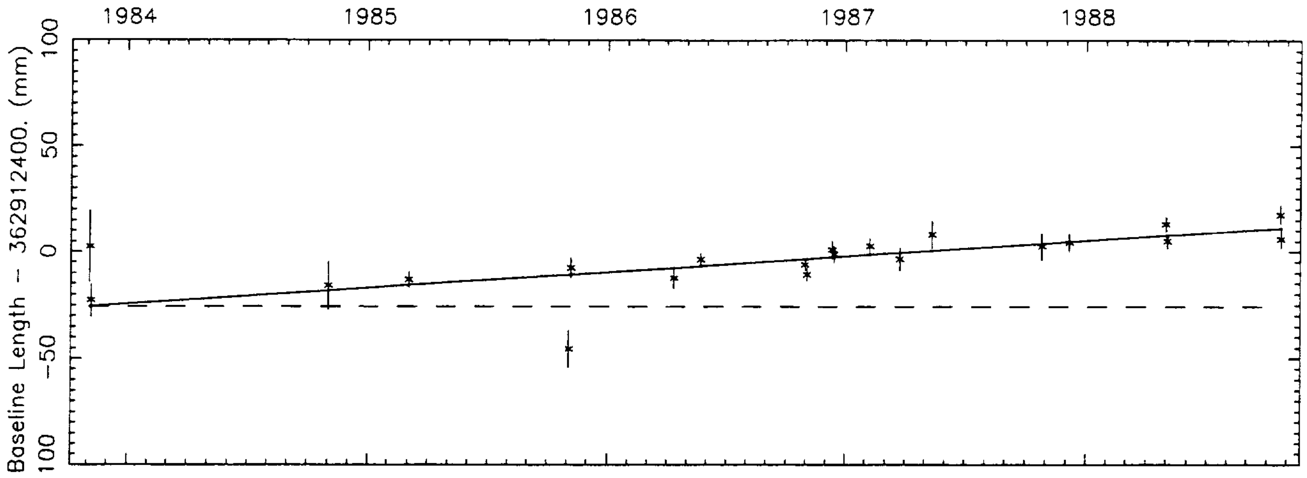
Wrms of fit = 34.7 mm

Offset = 112.1 ± 47.5 mm

Reduced Chi square = 1.27

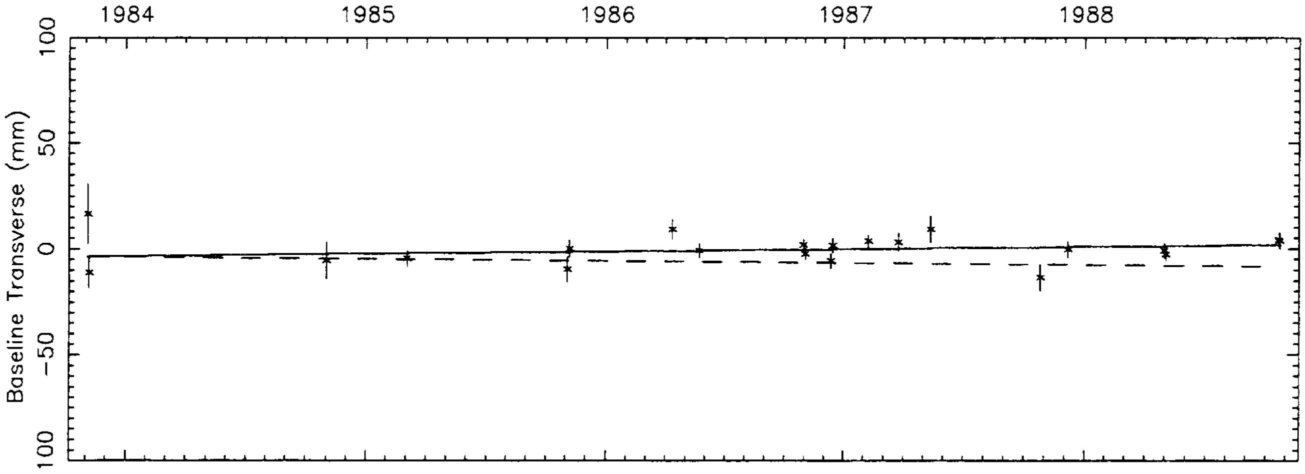
Vector baseline plots for MOJAVE12–YUMA

Baseline length = 363 kilometers   Number of sessions = 21



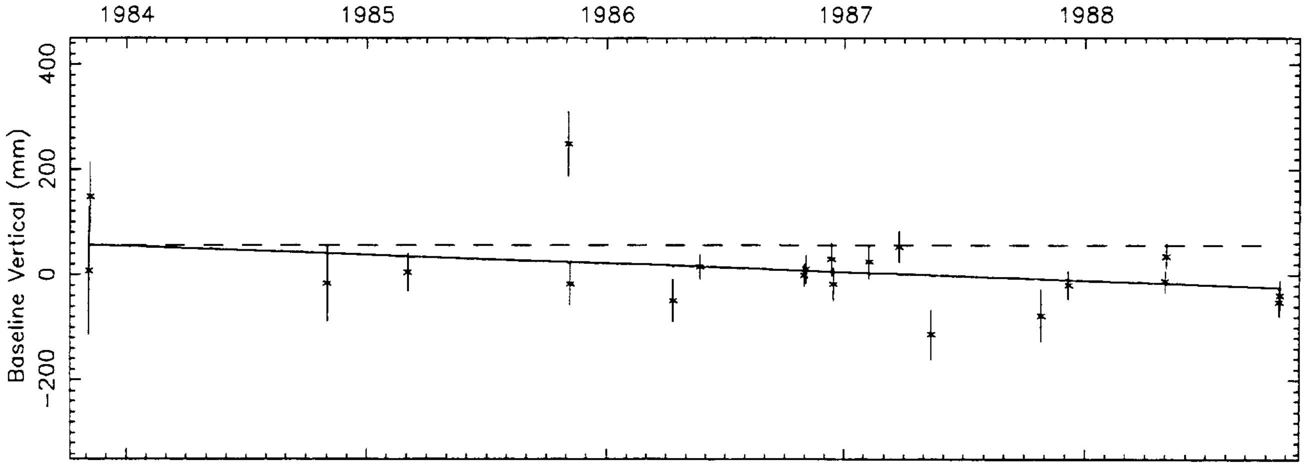
Observed Rate = 7.4 ± 1.2 mm/yr   Wrms of fit = 5.8 mm   Reduced Chi square = 2.03

NUVEL model rate = .0 mm/yr   Weighted mean length = 362912398.2 mm



Observed Rate = 1.1 ± .9 mm/yr   Wrms of fit = 4.3 mm   Reduced Chi square = 1.37

NUVEL model rate = –1.0 mm/yr



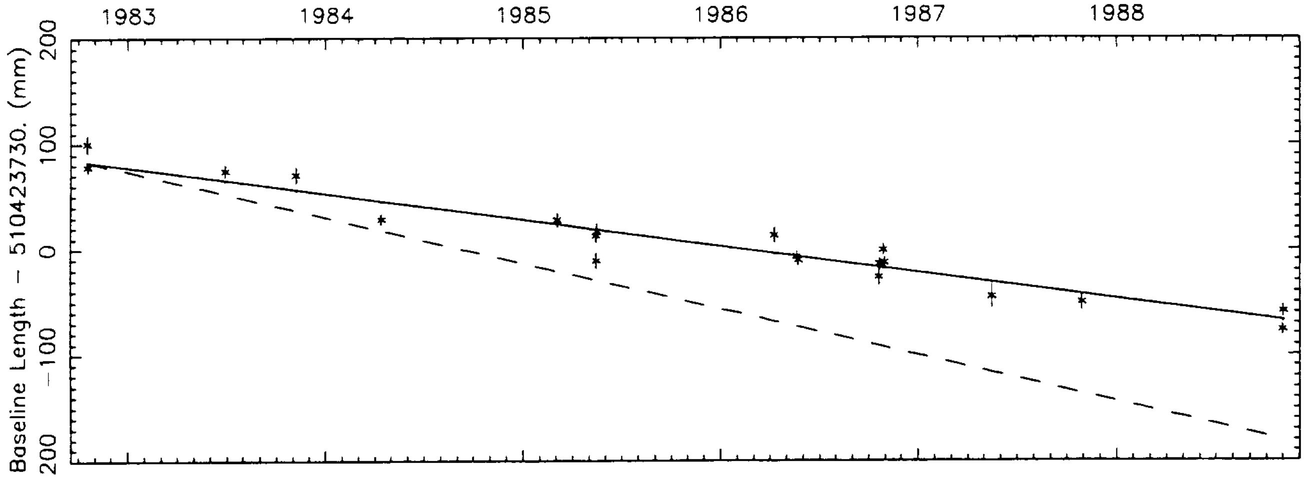
Observed Rate = –16.3 ± 9.1 mm/yr   Wrms of fit = 42.8 mm   Reduced Chi square = 2.03

NUVEL model rate = .0 mm/yr

Vector baseline plots for MON PEAK–OVRO 130

Baseline length = 510 kilometers

Number of sessions = 20



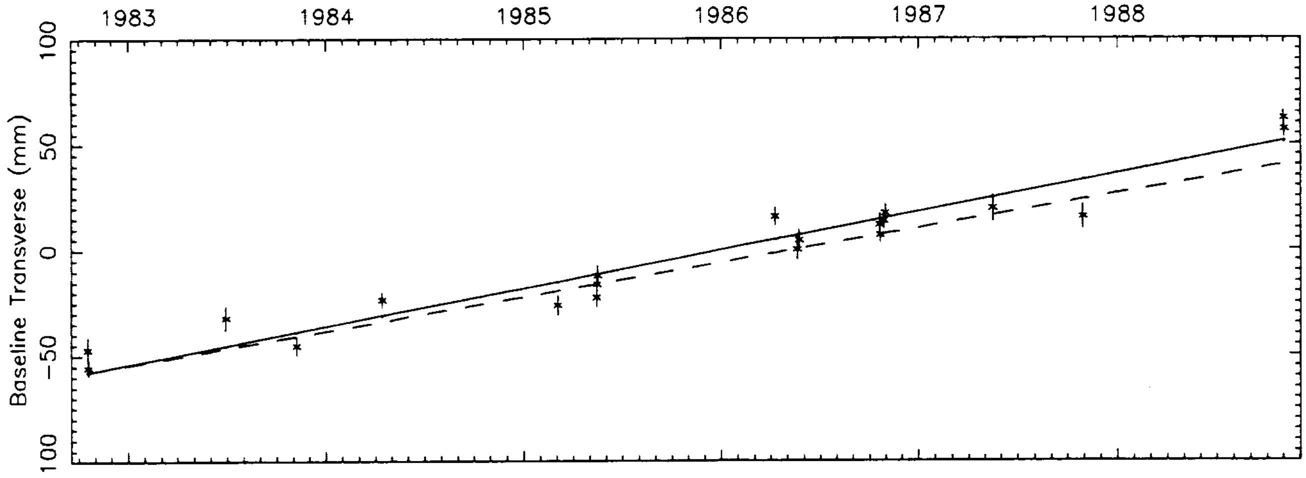
Observed Rate = −24.9 ± 1.5 mm/yr

NUVEL model rate = −43.5 mm/yr

Wrms of fit = 11.2 mm

Weighted mean length = 510423733.2 mm

Reduced Chi square = 3.89

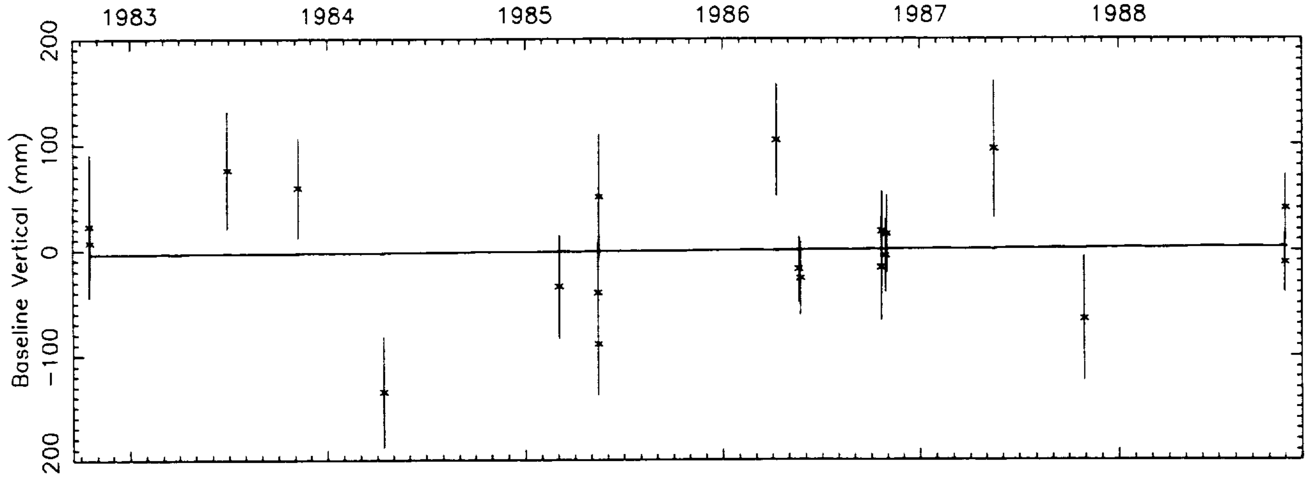


Observed Rate = 18.0 ± 1.0 mm/yr

NUVEL model rate = 16.2 mm/yr

Wrms of fit = 7.8 mm

Reduced Chi square = 3.55



Observed Rate = 1.1 ± 6.3 mm/yr

NUVEL model rate = 1.3 mm/yr

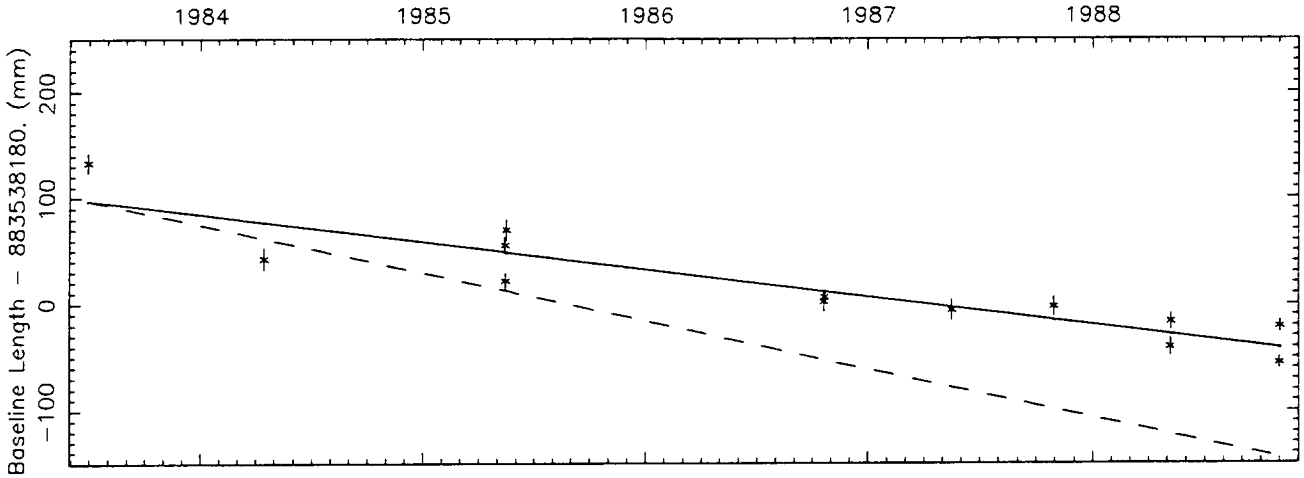
Wrms of fit = 47.6 mm

Reduced Chi square = 1.43

Vector baseline plots for MON PEAK–QUINCY

Baseline length = 884 kilometers

Number of sessions = 13



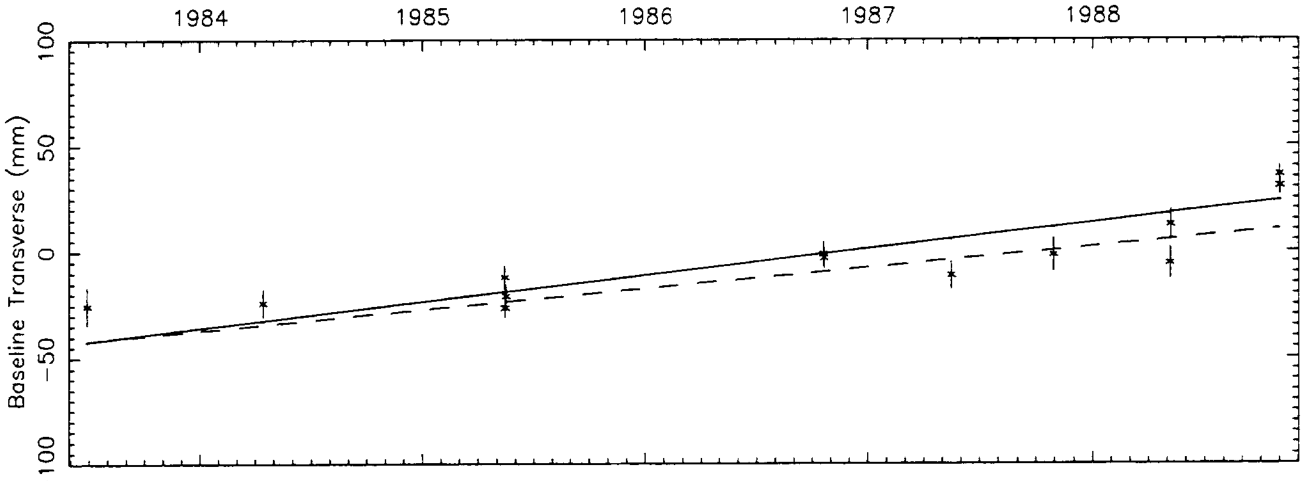
Observed Rate = –25.9 ± 3.2 mm/yr

NUVEL model rate = –45.3 mm/yr

Wrms of fit = 17.7 mm

Weighted mean length = 883538182.2 mm

Reduced Chi square = 6.30

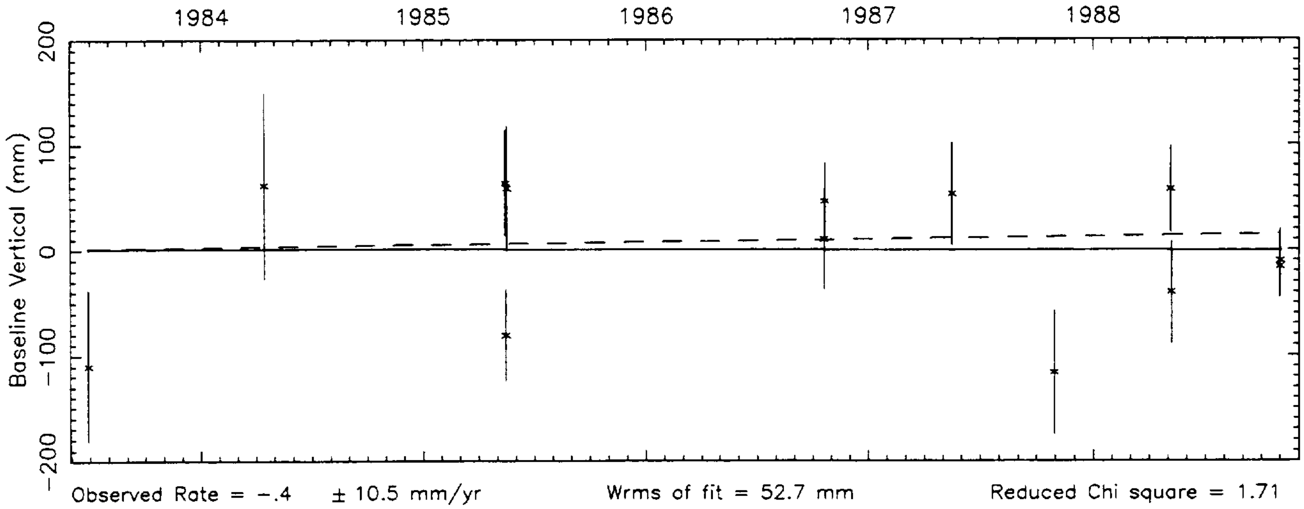


Observed Rate = 12.3 ± 1.8 mm/yr

NUVEL model rate = 9.8 mm/yr

Wrms of fit = 9.9 mm

Reduced Chi square = 3.78



Observed Rate = –.4 ± 10.5 mm/yr

NUVEL model rate = 2.5 mm/yr

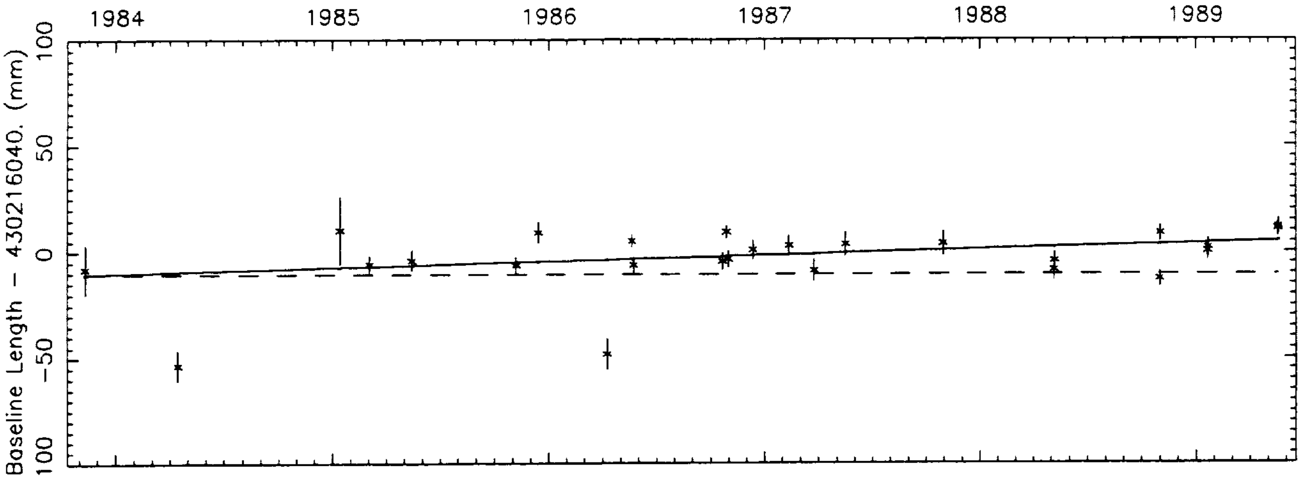
Wrms of fit = 52.7 mm

Reduced Chi square = 1.71

Vector baseline plots for MON PEAK–VNDNBERG

Baseline length = 430 kilometers

Number of sessions = 26



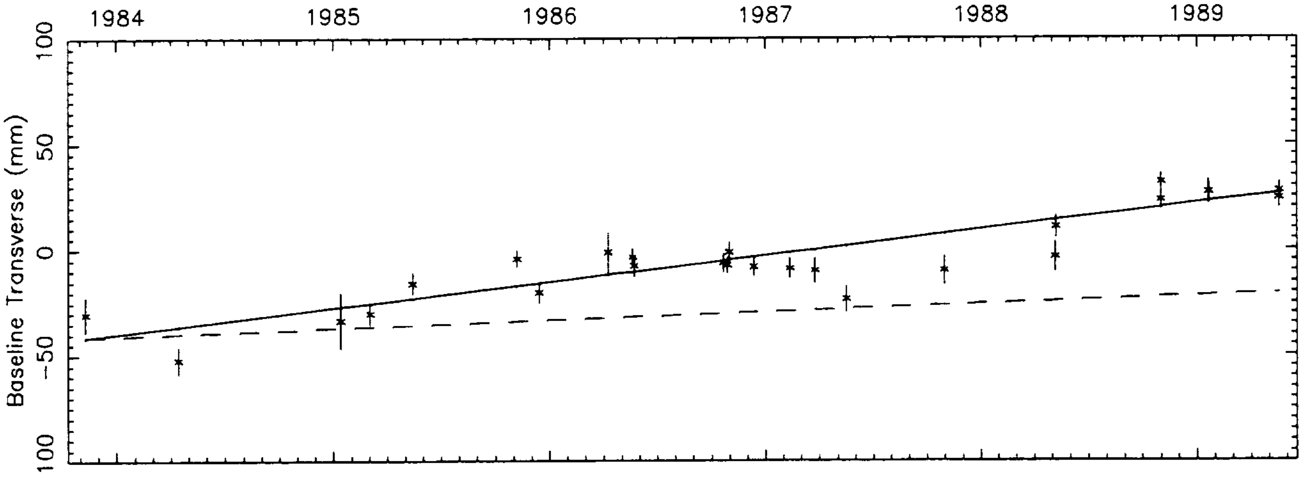
Observed Rate = 2.8 ± 1.5 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 10.2 mm

Weighted mean length = 430216039.3 mm

Reduced Chi square = 6.21

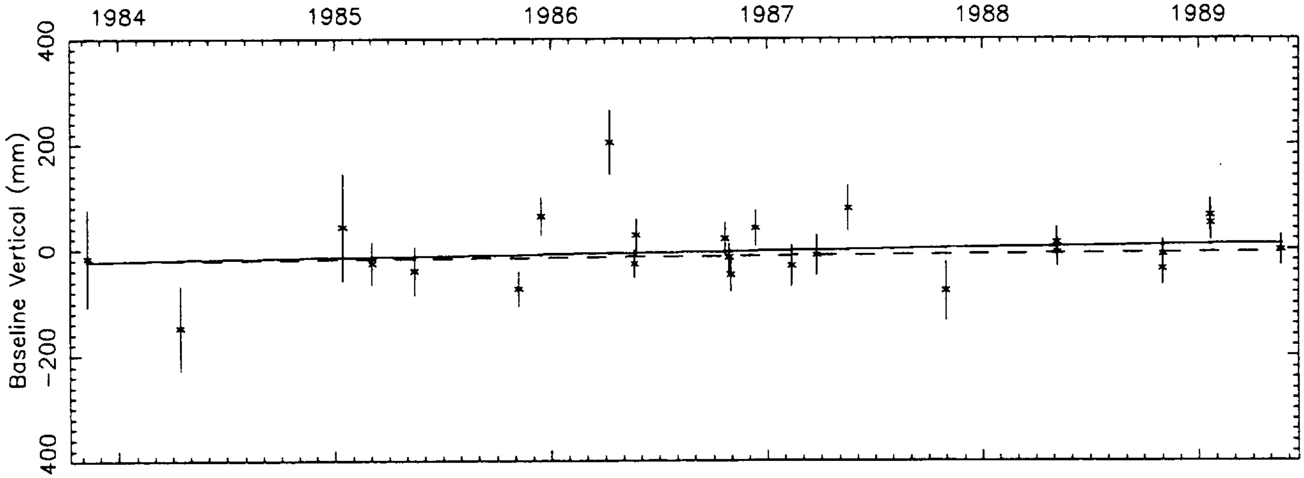


Observed Rate = 12.3 ± 1.2 mm/yr

NUVEL model rate = 3.8 mm/yr

Wrms of fit = 8.5 mm

Reduced Chi square = 3.10



Observed Rate = 6.1 ± 6.8 mm/yr

NUVEL model rate = 3.3 mm/yr

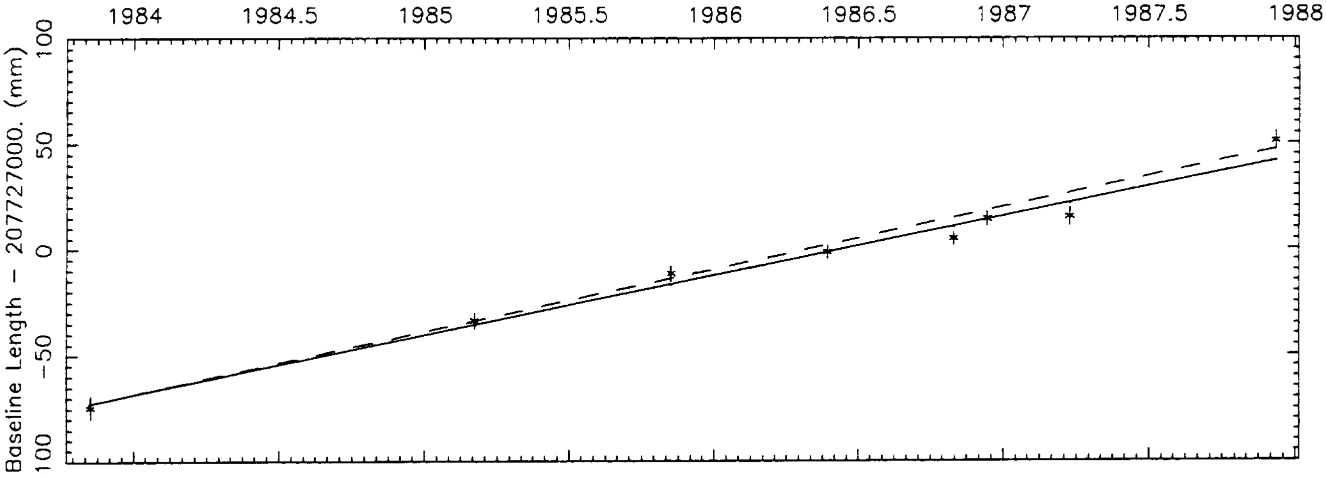
Wrms of fit = 44.2 mm

Reduced Chi square = 1.78

Vector baseline plots for MON PEAK–YUMA

Baseline length = 208 kilometers

Number of sessions = 8



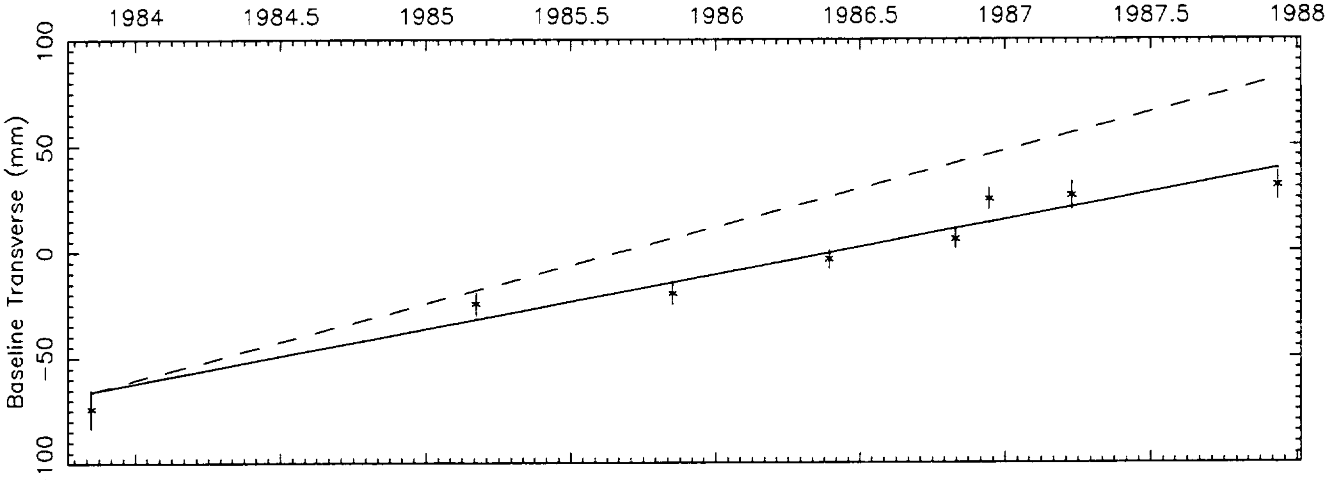
Observed Rate = 28.0 ± 2.0 mm/yr

NUVEL model rate = 29.4 mm/yr

Wrms of fit = 4.7 mm

Weighted mean length = 207726998.7 mm

Reduced Chi square = 2.14

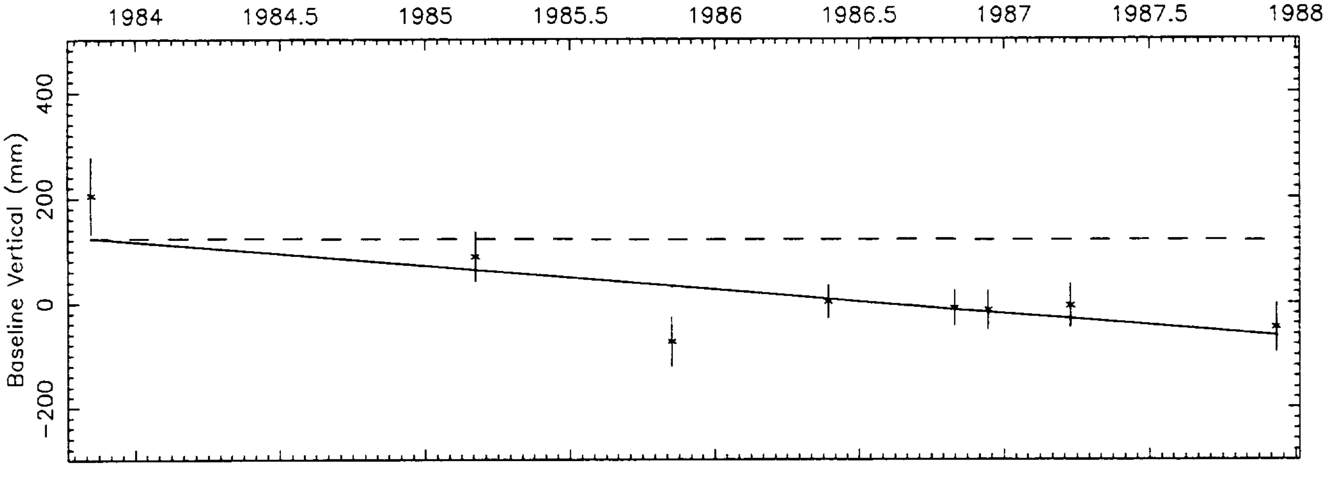


Observed Rate = 25.7 ± 3.0 mm/yr

NUVEL model rate = 36.1 mm/yr

Wrms of fit = 6.8 mm

Reduced Chi square = 1.97



Observed Rate = –45.8 ± 17.8 mm/yr

NUVEL model rate = –1.1 mm/yr

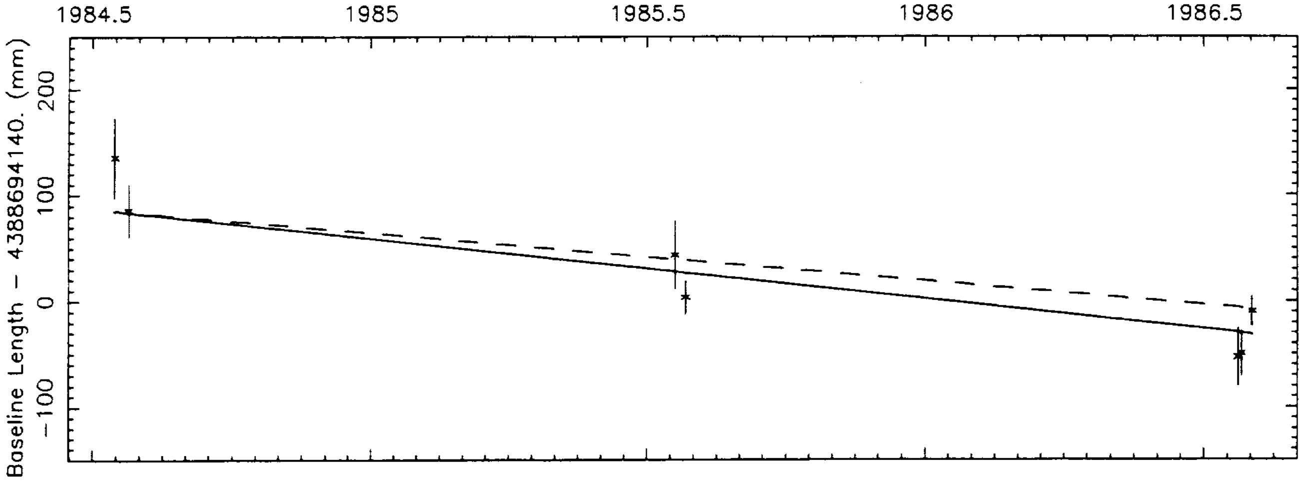
Wrms of fit = 39.1 mm

Reduced Chi square = 1.19

Vector baseline plots for NOME -VNDNBERG

Baseline length = 4389 kilometers

Number of sessions = 7



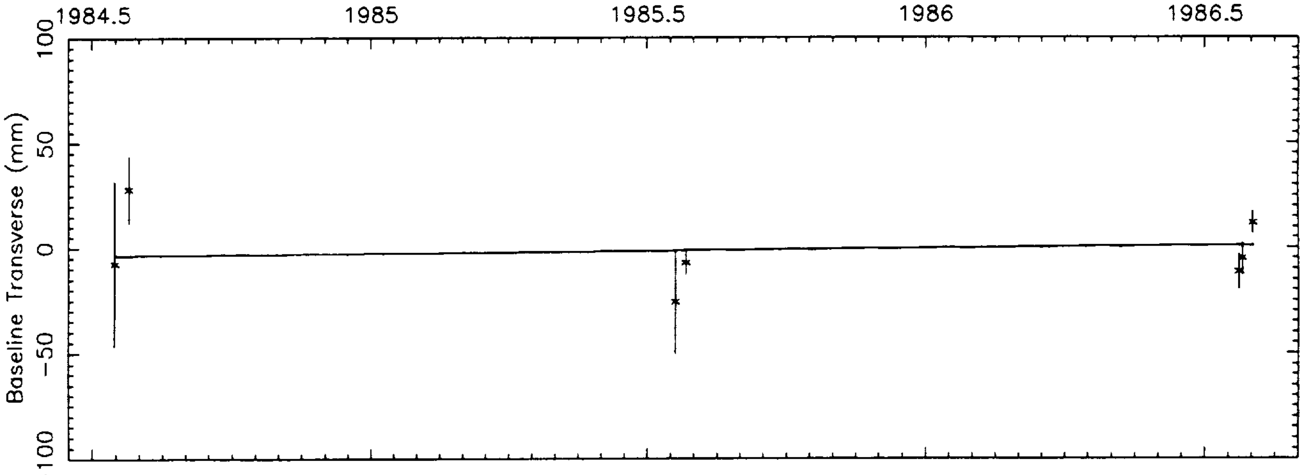
Observed Rate = -57.0 ± 13.7 mm/yr

NUVEL model rate = -45.3 mm/yr

Wrms of fit = 22.6 mm

Weighted mean length = 4388694143.4 mm

Reduced Chi square = 1.64

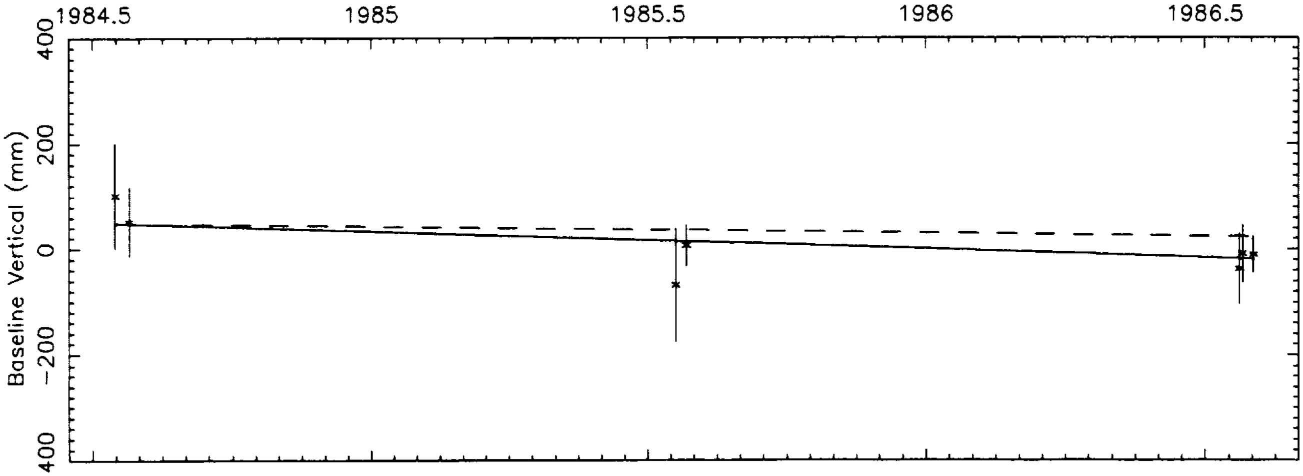


Observed Rate = 2.2 ± 8.7 mm/yr

NUVEL model rate = 2.2 mm/yr

Wrms of fit = 11.2 mm

Reduced Chi square = 2.71



Observed Rate = -33.1 ± 13.1 mm/yr

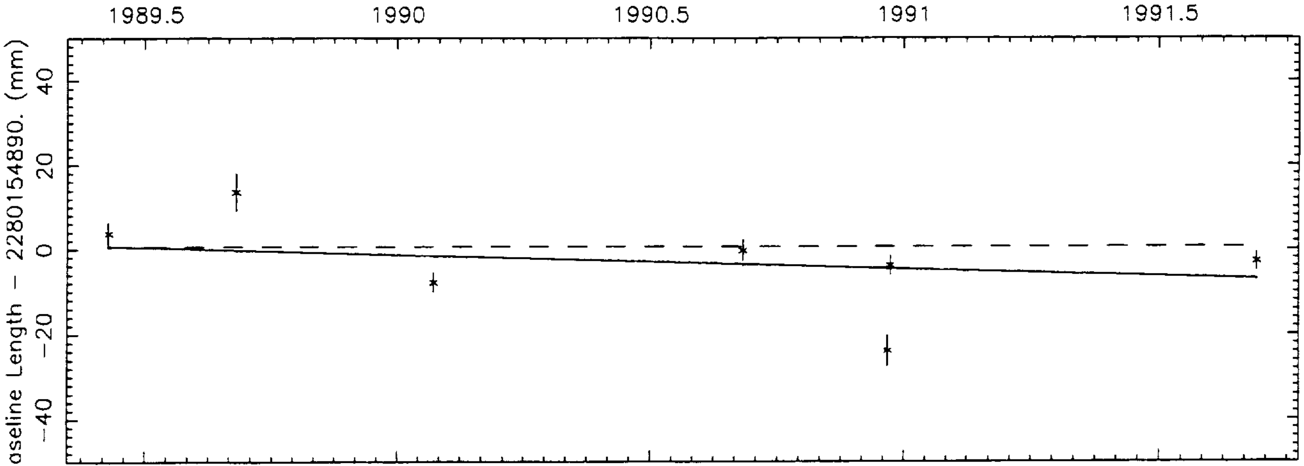
NUVEL model rate = -12.3 mm/yr

Wrms of fit = 21.2 mm

Reduced Chi square = .22

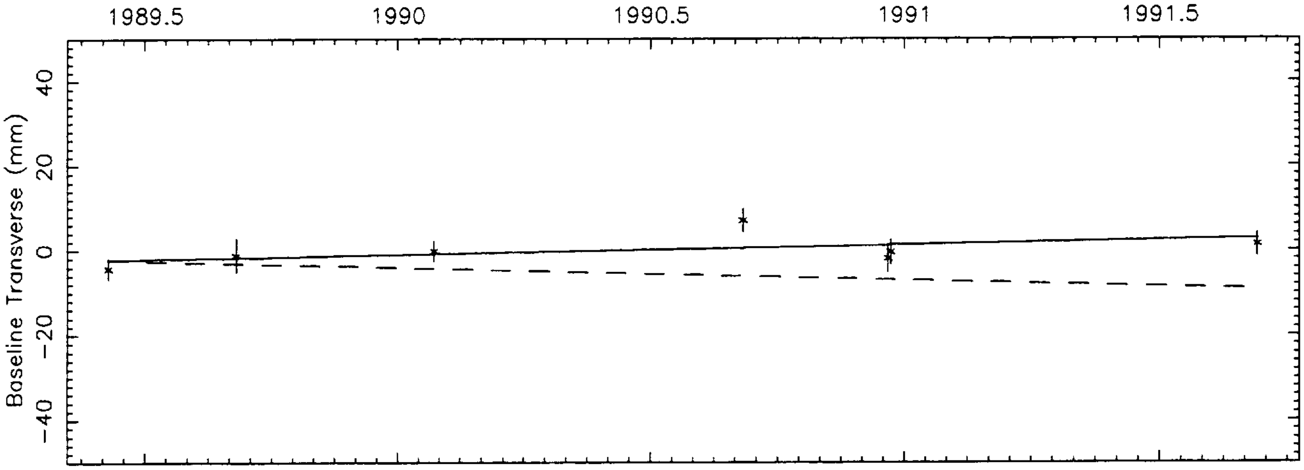
Vector baseline plots for NOTO   —ONSALA60

Baseline length = 2280 kilometers   Number of sessions = 7



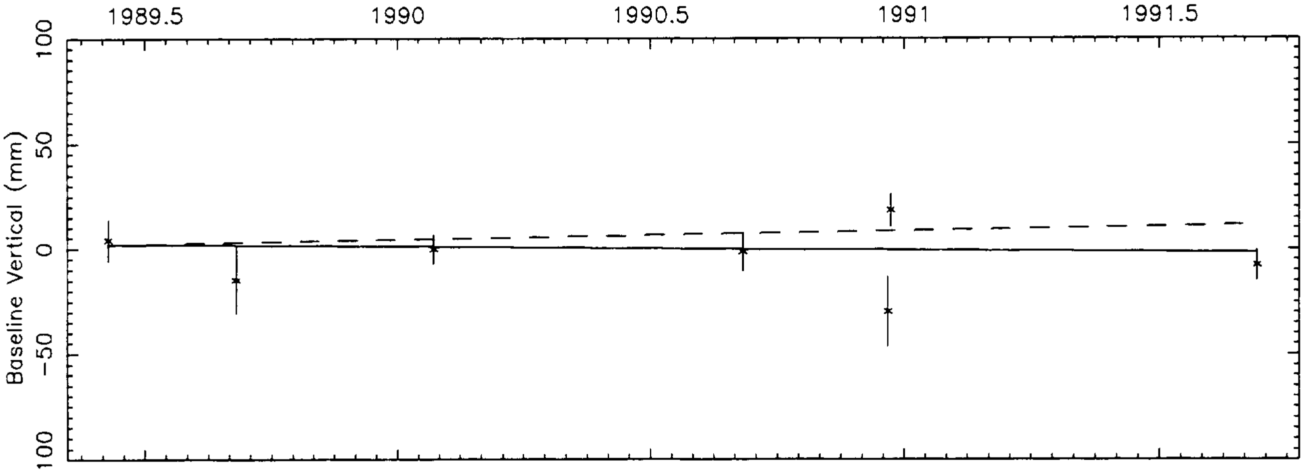
Observed Rate = −3.4 ± 4.3 mm/yr   Wrms of fit = 7.2 mm   Reduced Chi square = 10.38

NUVEL model rate = .0 mm/yr   Weighted mean length = 2280154886.5 mm



Observed Rate = 2.2 ± 1.8 mm/yr   Wrms of fit = 3.0 mm   Reduced Chi square = 1.58

NUVEL model rate = −3.0 mm/yr



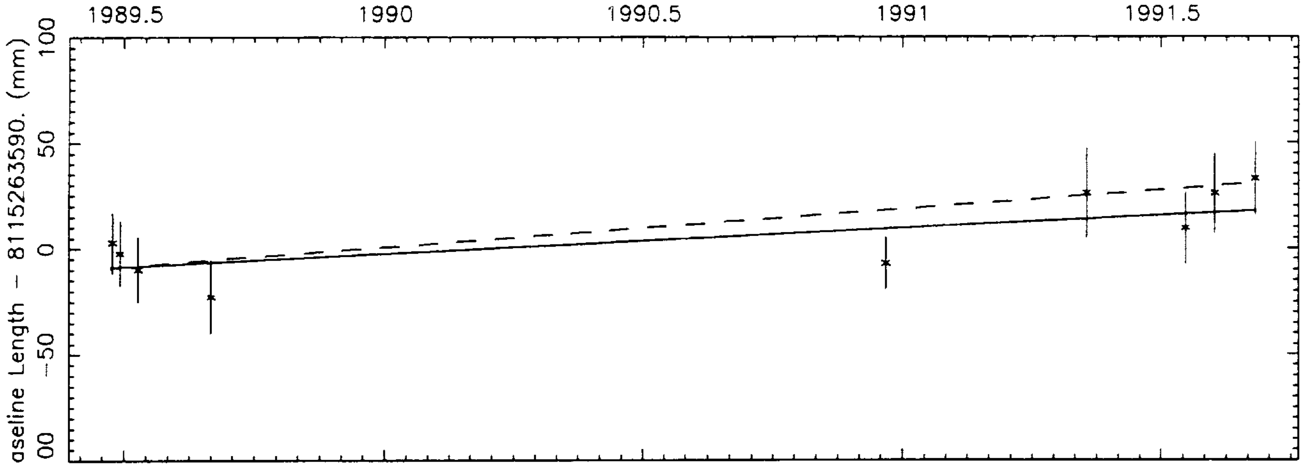
Observed Rate = −1.6 ± 6.7 mm/yr   Wrms of fit = 11.2 mm   Reduced Chi square = 2.10

NUVEL model rate = 4.2 mm/yr

Vector baseline plots for NOTO —RICHMOND

Baseline length = 8115 kilometers

Number of sessions = 9



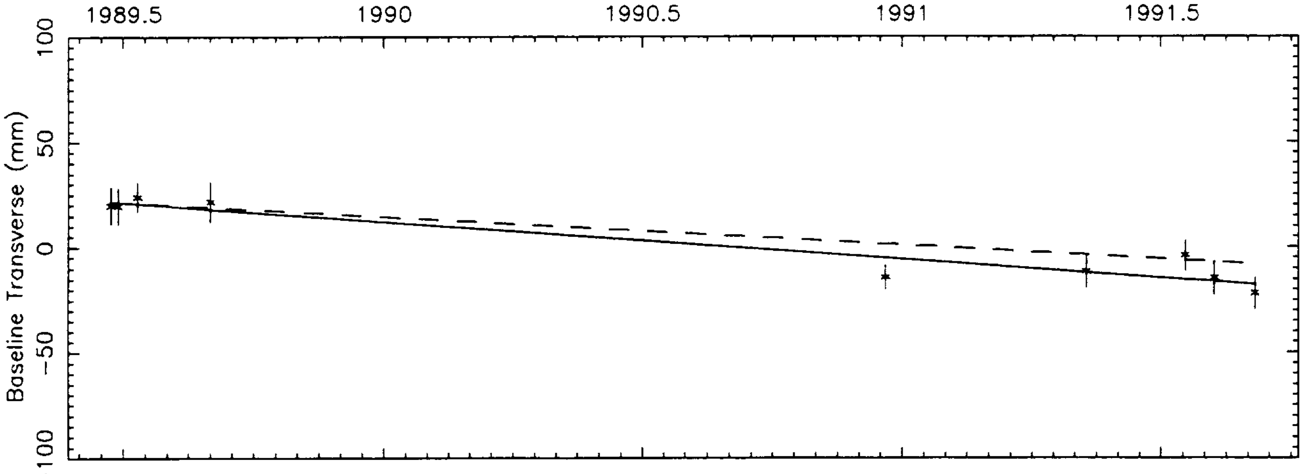
Observed Rate = 12.1 ± 4.8 mm/yr

NUVEL model rate = 18.0 mm/yr

Wrms of fit = 11.9 mm

Weighted mean length = 8115263593.3 mm

Reduced Chi square = .72

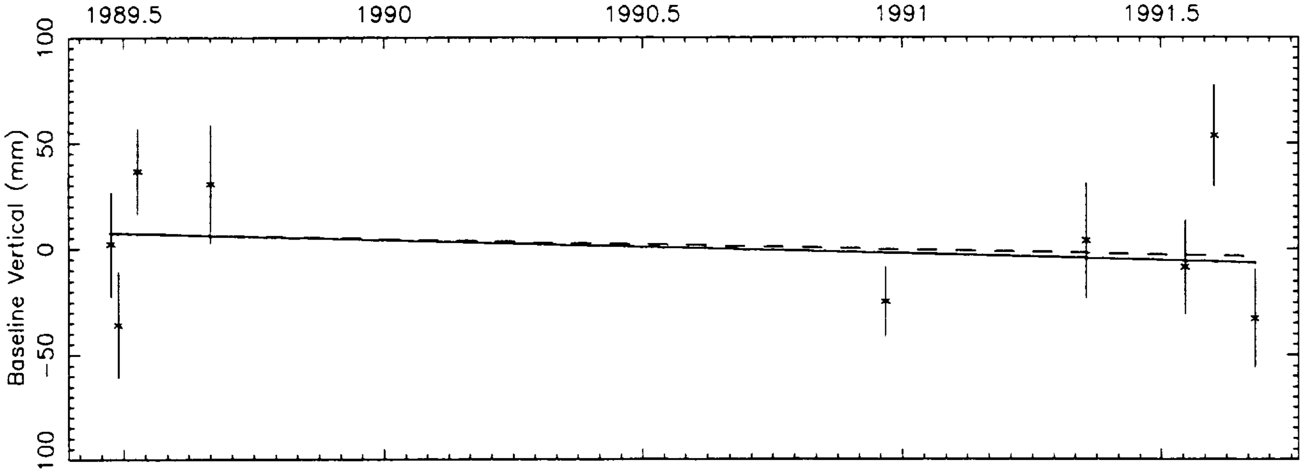


Observed Rate = −17.8 ± 2.5 mm/yr

NUVEL model rate = −13.4 mm/yr

Wrms of fit = 6.1 mm

Reduced Chi square = .83



Observed Rate = −6.2 ± 12.1 mm/yr

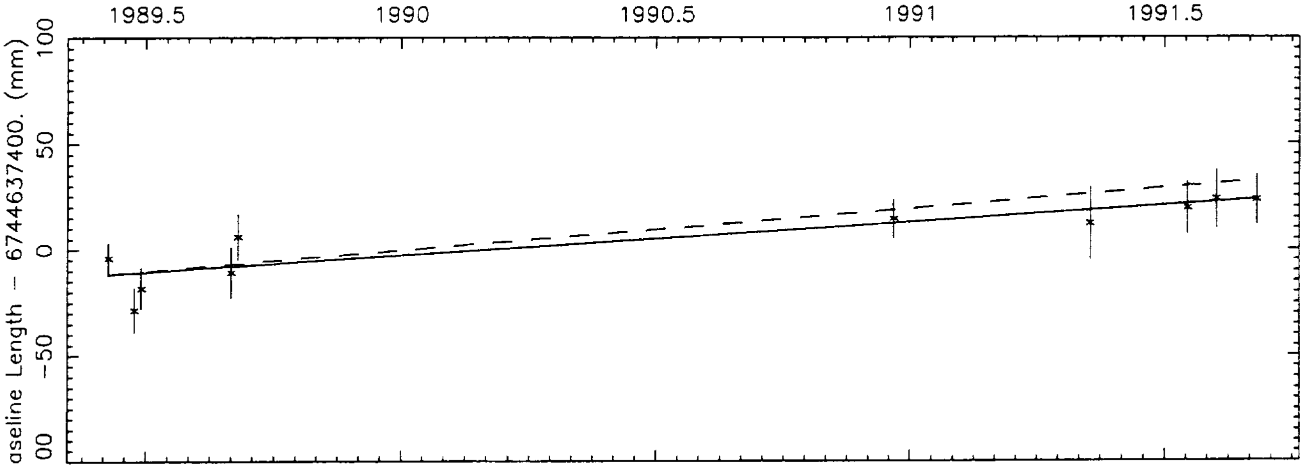
NUVEL model rate = −5.0 mm/yr

Wrms of fit = 29.5 mm

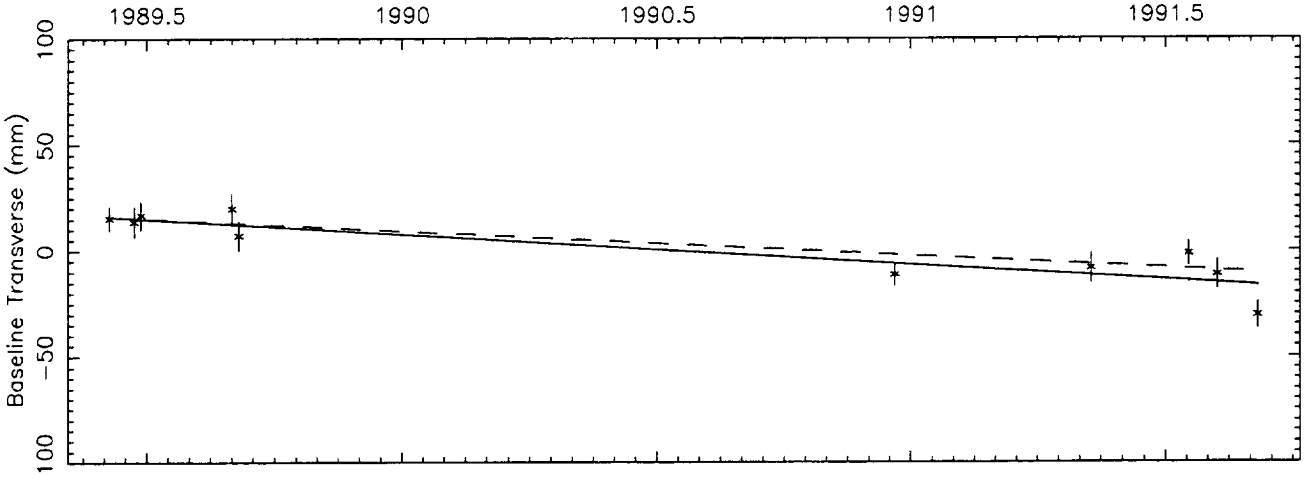
Reduced Chi square = 2.20

Vector baseline plots for NOTO —WESTFORD

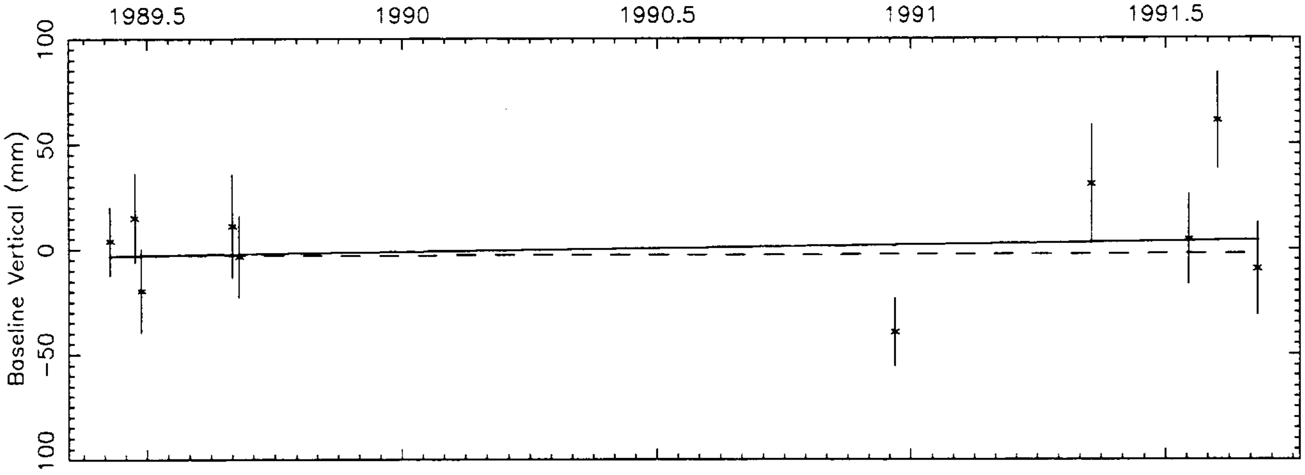
Baseline length = 6745 kilometers Number of sessions = 10



Observed Rate = 15.5 ± 3.2 mm/yr Wrms of fit = 8.4 mm Reduced Chi square = .79
NUVEL model rate = 19.5 mm/yr Weighted mean length = 6744637400.8 mm



Observed Rate = −14.4 ± 2.7 mm/yr Wrms of fit = 7.3 mm Reduced Chi square = 1.66
NUVEL model rate = −11.6 mm/yr

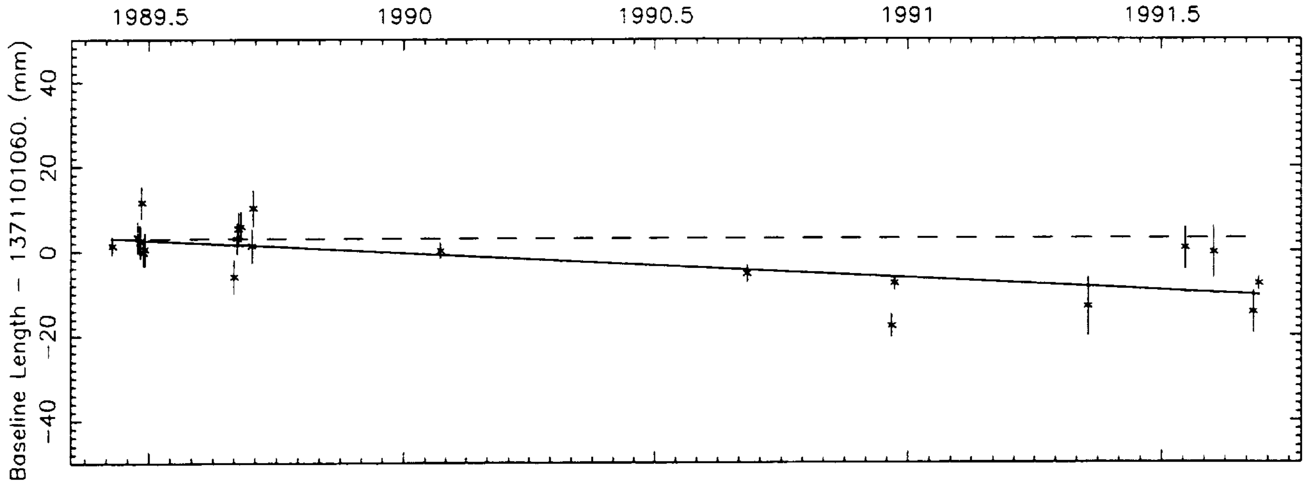


Observed Rate = 3.3 ± 9.8 mm/yr Wrms of fit = 25.9 mm Reduced Chi square = 1.99
NUVEL model rate = .4 mm/yr

Vector baseline plots for NOTO -WETTZELL

Baseline length = 1371 kilometers

Number of sessions = 21



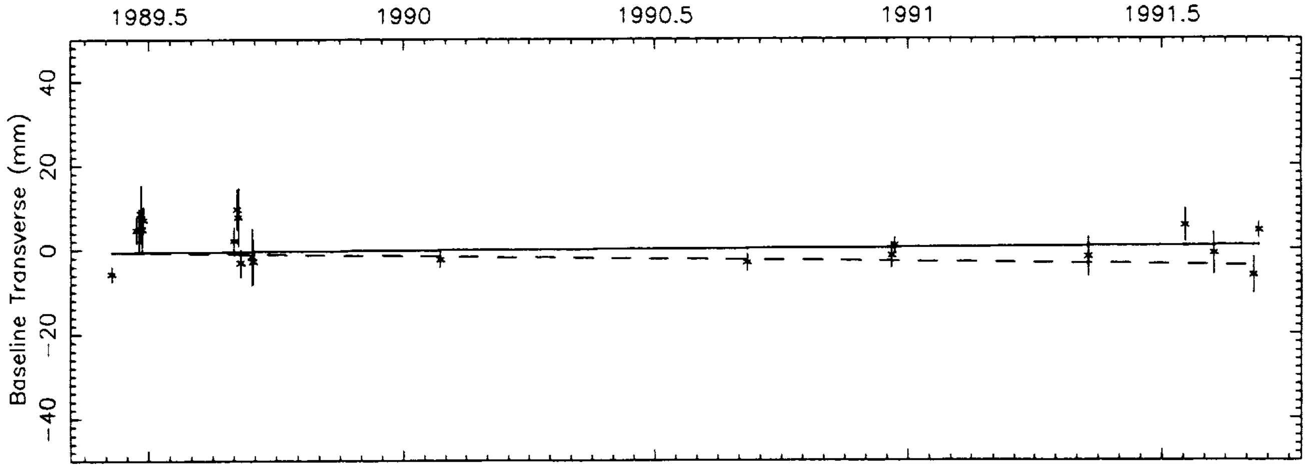
Observed Rate = -6.0 ± 1.2 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 4.3 mm

Weighted mean length = 1371101057.1 mm

Reduced Chi square = 2.50

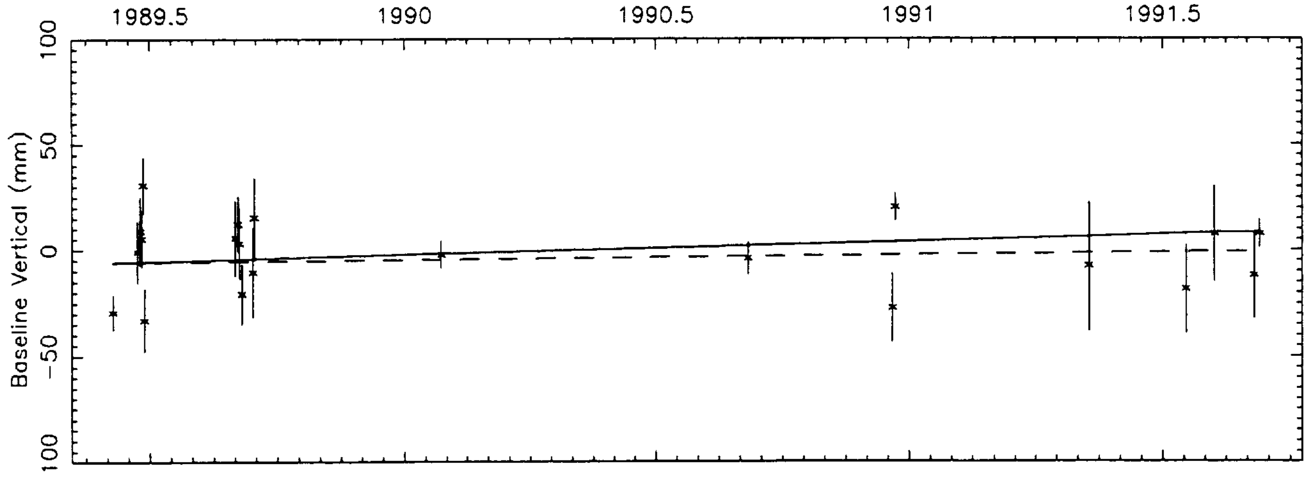


Observed Rate = .7 ± 1.2 mm/yr

NUVEL model rate = -1.5 mm/yr

Wrms of fit = 4.2 mm

Reduced Chi square = 2.12



Observed Rate = 6.4 ± 4.4 mm/yr

NUVEL model rate = 2.4 mm/yr

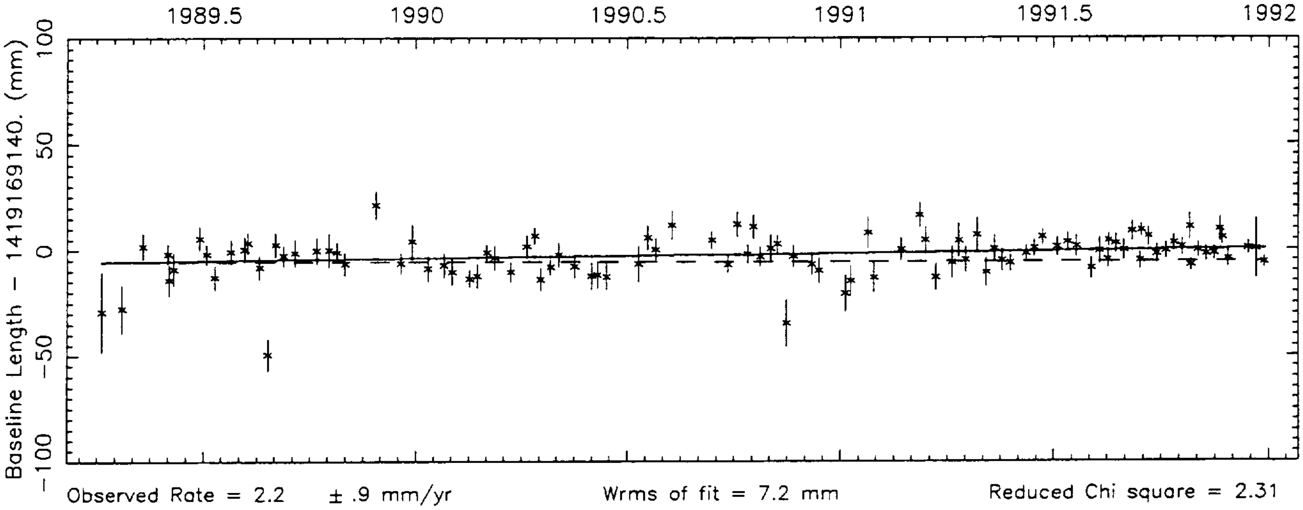
Wrms of fit = 15.5 mm

Reduced Chi square = 2.03

Vector baseline plots for NRAO85 3–RICHMOND

Baseline length = 1419 kilometers

Number of sessions = 104



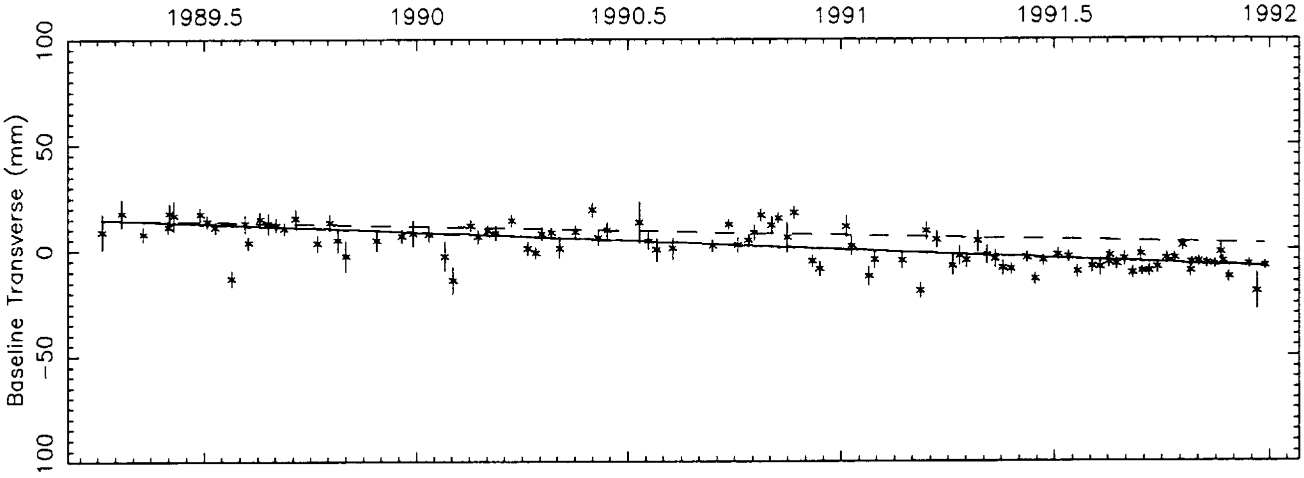
Observed Rate = 2.2 ± .9 mm/yr

Wrms of fit = 7.2 mm

Reduced Chi square = 2.31

NUVEL model rate = .0 mm/yr

Weighted mean length = 1419169138.2 mm

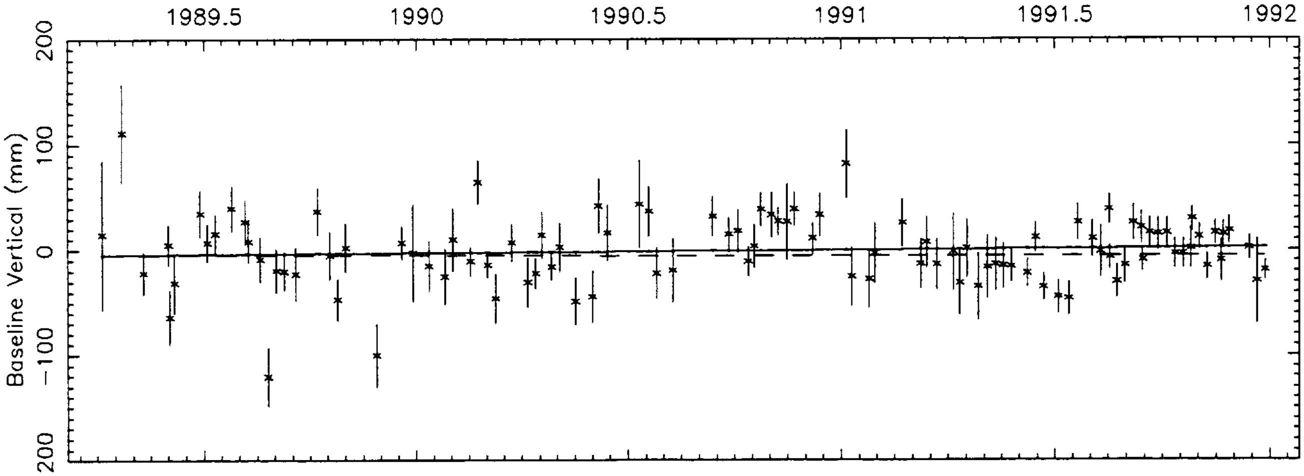


Observed Rate = –8.4 ± .7 mm/yr

Wrms of fit = 5.9 mm

Reduced Chi square = 3.62

NUVEL model rate = –4.4 mm/yr



Observed Rate = 2.6 ± 3.2 mm/yr

Wrms of fit = 25.8 mm

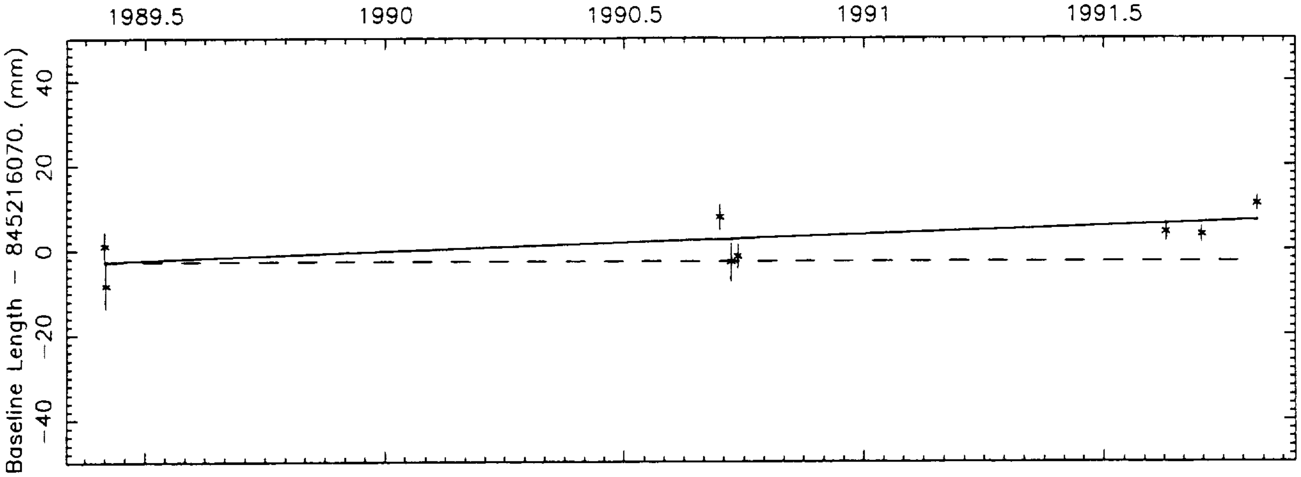
Reduced Chi square = 2.13

NUVEL model rate = –.4 mm/yr

Vector baseline plots for NRAO85 3-WESTFORD

Baseline length = 845 kilometers

Number of sessions = 8



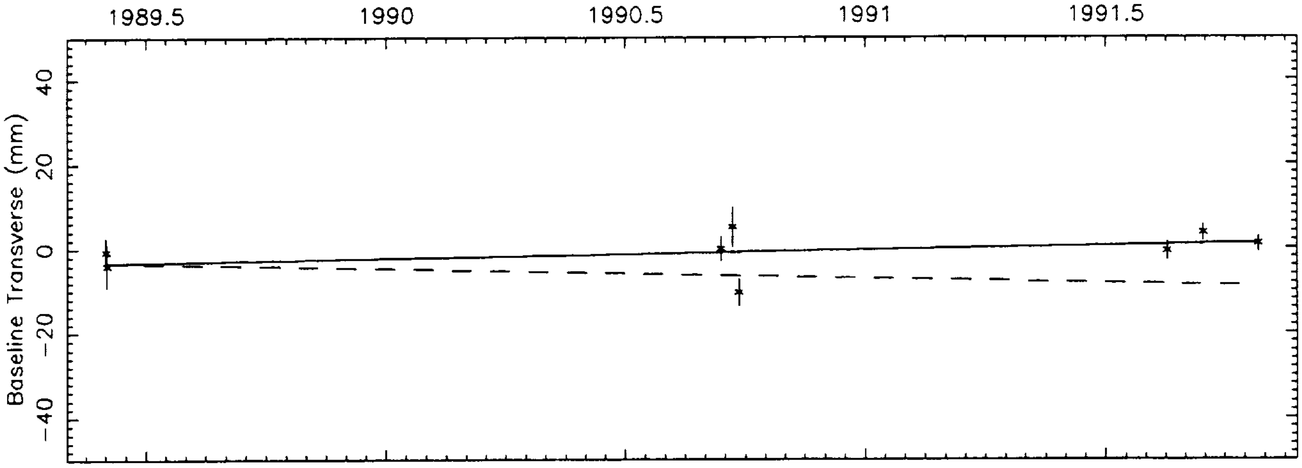
Observed Rate = 4.0 ± 2.0 mm/yr

Wrms of fit = 3.8 mm

Reduced Chi square = 2.82

NUVEL model rate = .0 mm/yr

Weighted mean length = 845216074.5 mm

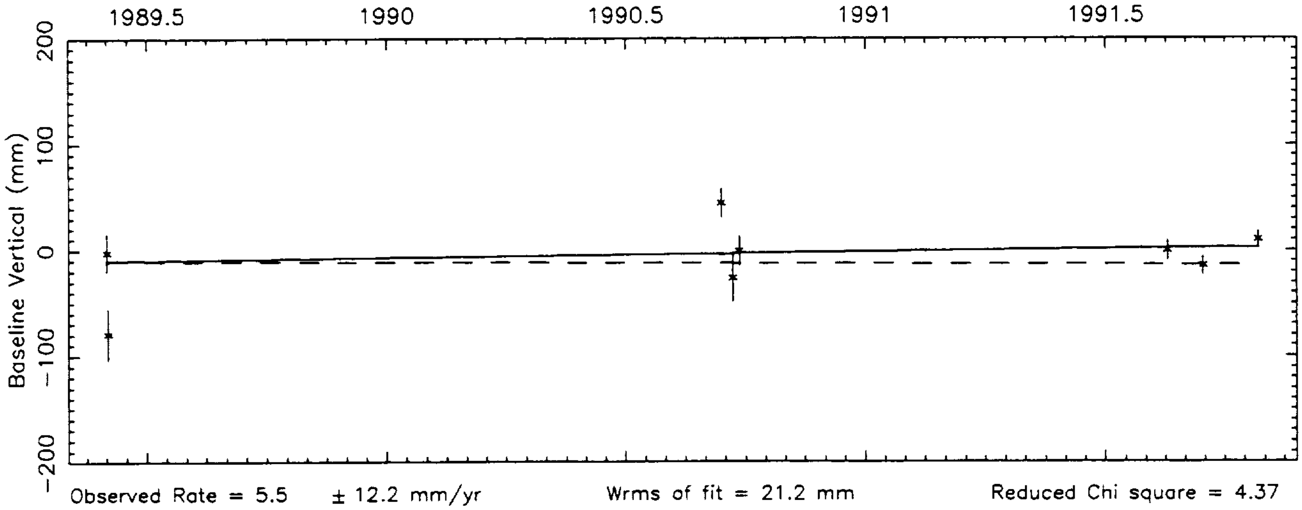


Observed Rate = 1.9 ± 1.8 mm/yr

Wrms of fit = 3.4 mm

Reduced Chi square = 2.29

NUVEL model rate = -2.3 mm/yr



Observed Rate = 5.5 ± 12.2 mm/yr

Wrms of fit = 21.2 mm

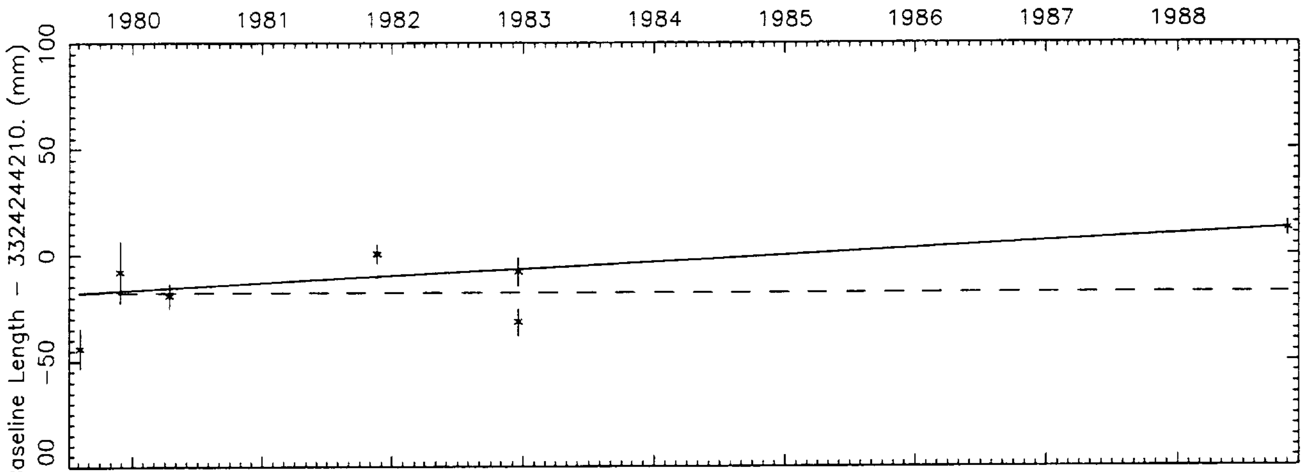
Reduced Chi square = 4.37

NUVEL model rate = -1.5 mm/yr

Vector baseline plots for NRAO 140–OVRO 130

Baseline length = 3324 kilometers

Number of sessions = 8



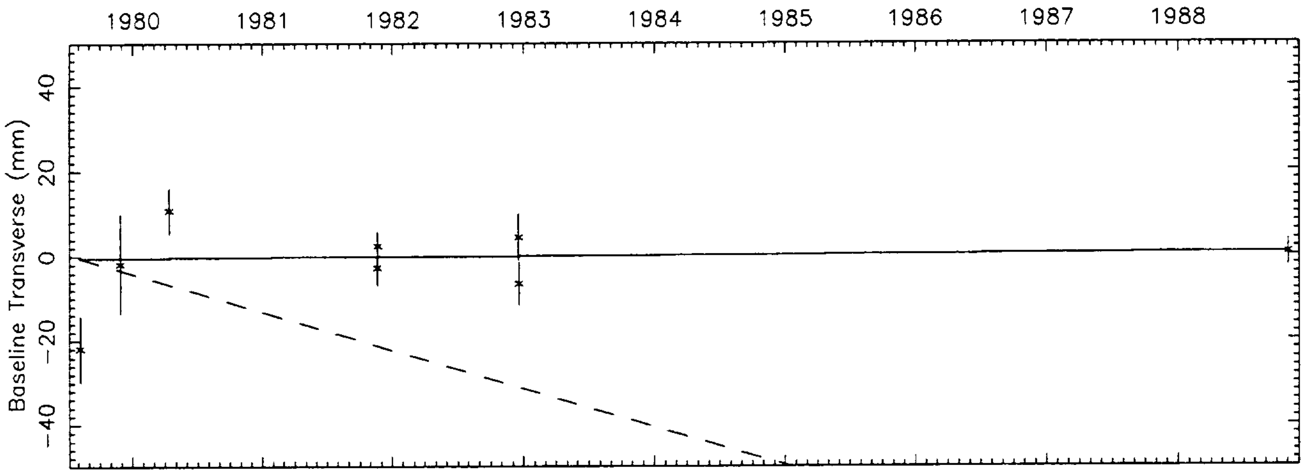
Observed Rate = 3.2 ± 1.4 mm/yr

Wrms of fit = 11.5 mm

Reduced Chi square = 5.84

NUVEL model rate = .0 mm/yr

Weighted mean length = 3324244205.5 mm

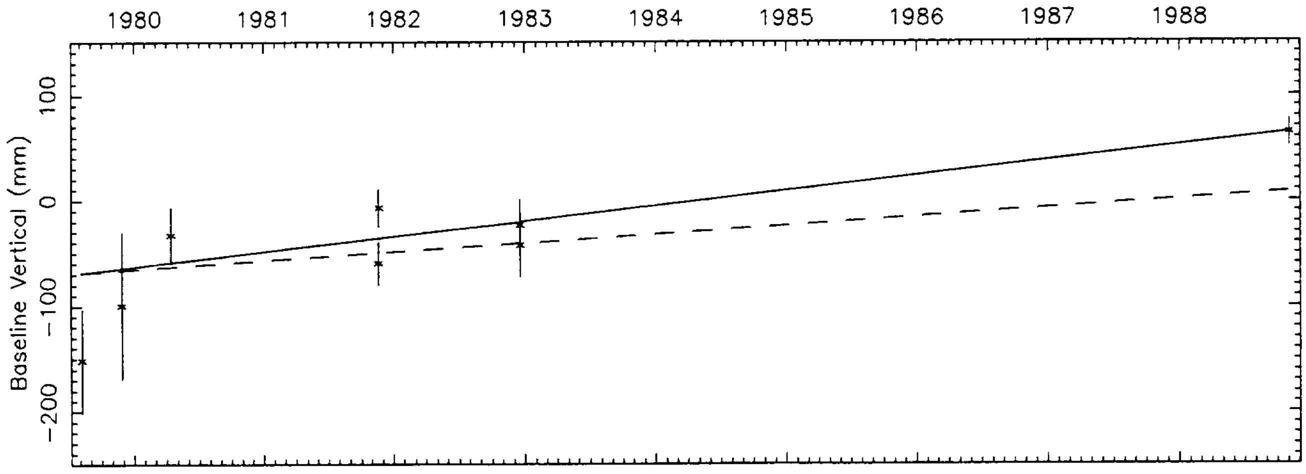


Observed Rate = .1 ± .8 mm/yr

Wrms of fit = 6.3 mm

Reduced Chi square = 2.56

NUVEL model rate = −9.1 mm/yr



Observed Rate = 14.4 ± 2.7 mm/yr

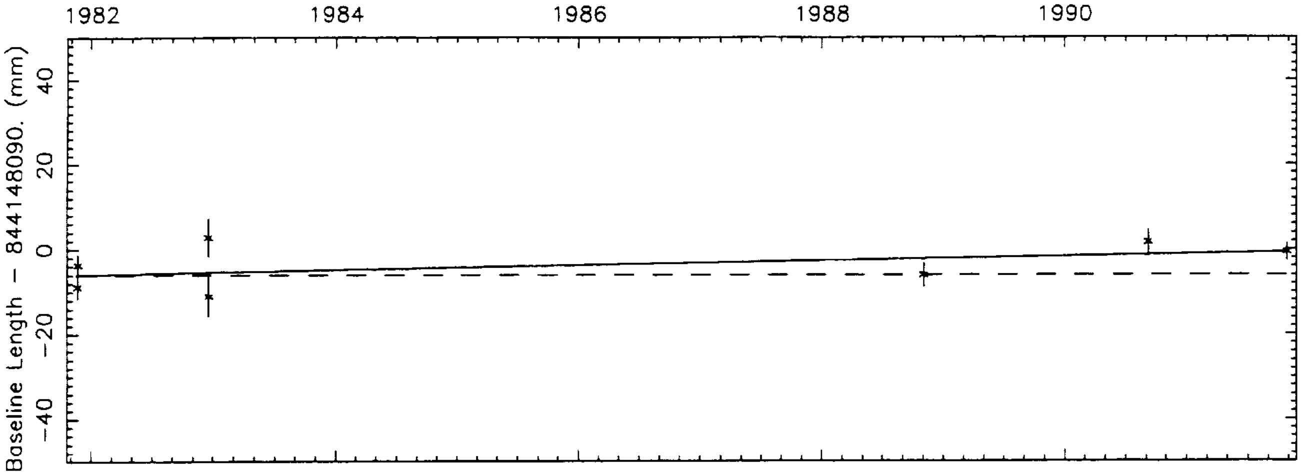
Wrms of fit = 23.0 mm

Reduced Chi square = 1.43

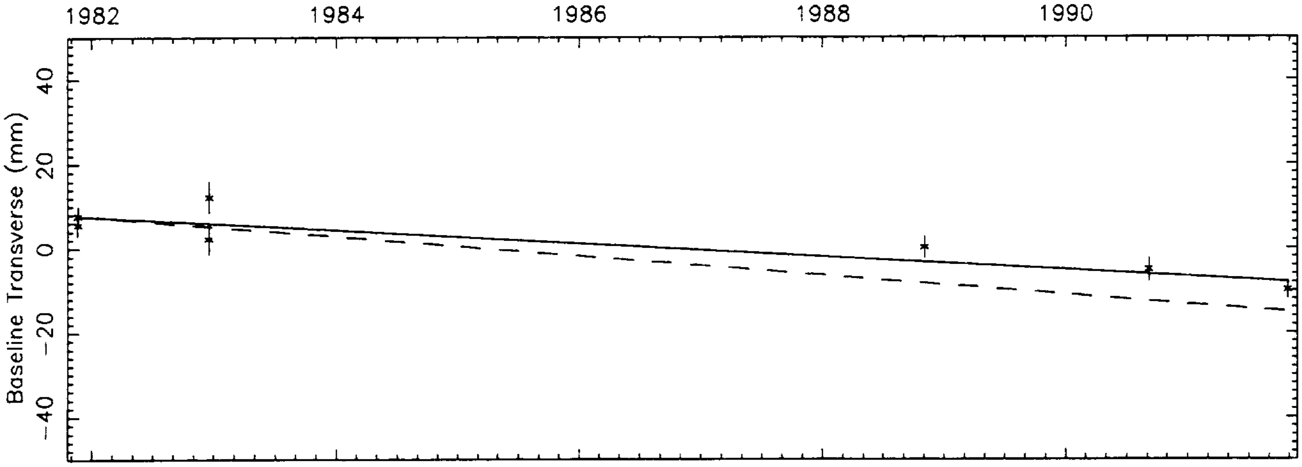
NUVEL model rate = 8.3 mm/yr

Vector baseline plots for NRAO 140–WESTFORD

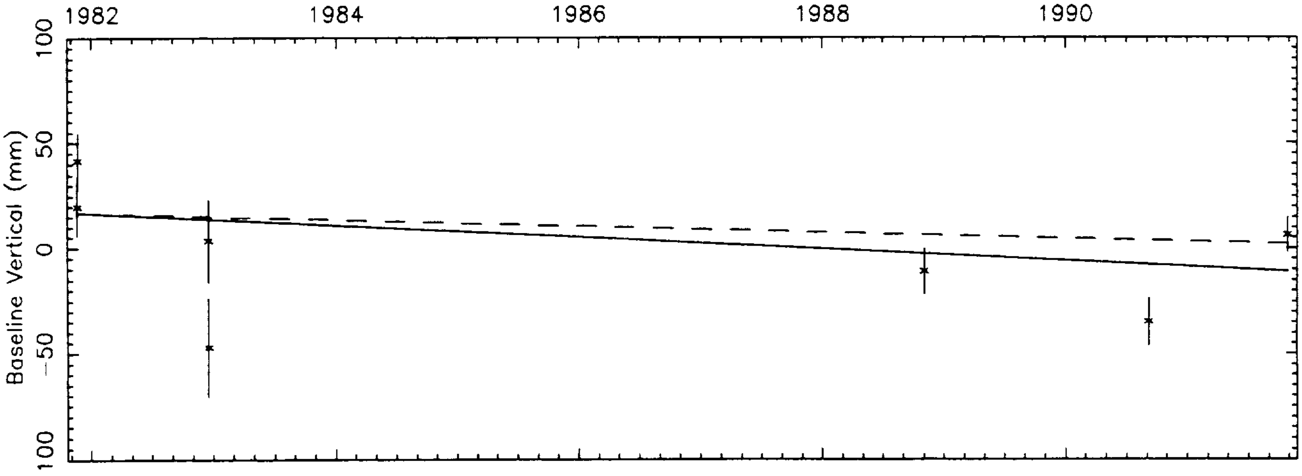
Baseline length = 844 kilometers Number of sessions = 7



Observed Rate = .5 ± .3 mm/yr Wrms of fit = 3.3 mm Reduced Chi square = 1.94
NUVEL model rate = .0 mm/yr Weighted mean length = 844148086.7 mm



Observed Rate = −1.6 ± .3 mm/yr Wrms of fit = 2.7 mm Reduced Chi square = 1.50
NUVEL model rate = −2.3 mm/yr

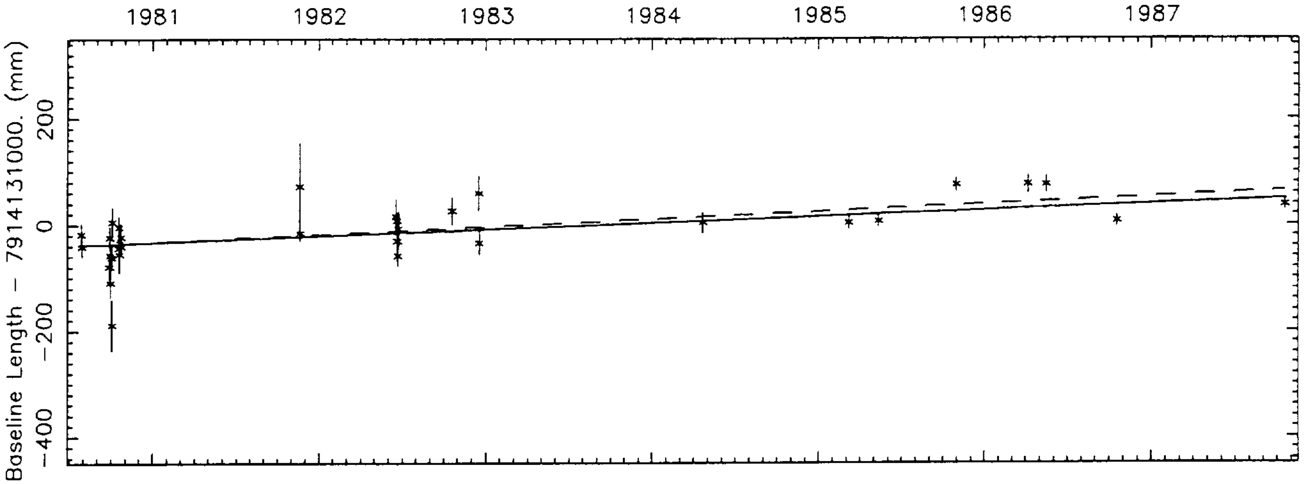


Observed Rate = −2.8 ± 2.3 mm/yr Wrms of fit = 21.5 mm Reduced Chi square = 4.26
NUVEL model rate = −1.5 mm/yr

Vector baseline plots for ONSALA60–OVRO 130

Baseline length = 7914 kilometers

Number of sessions = 33



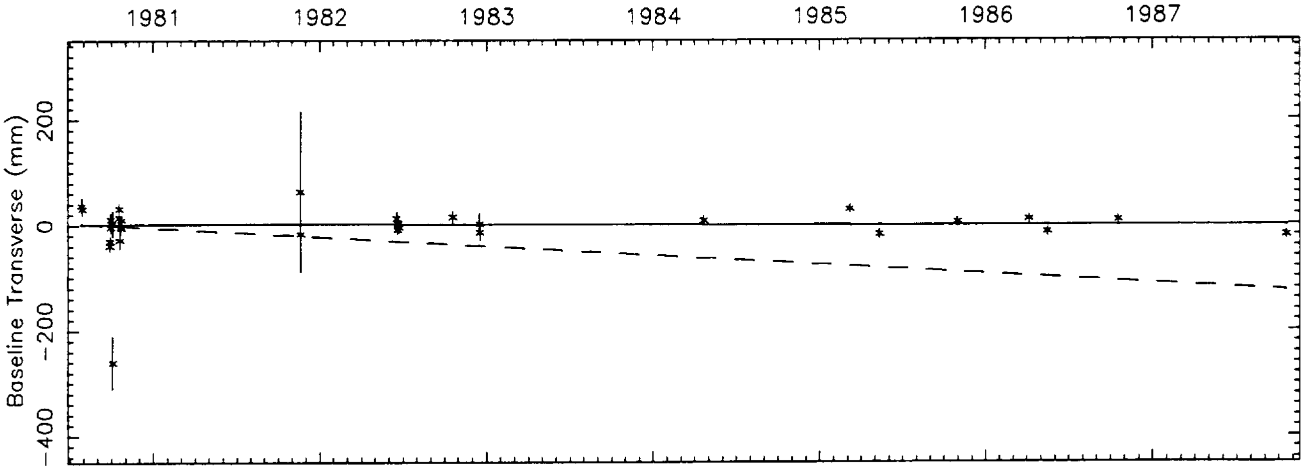
Observed Rate = 12.2 ± 2.1 mm/yr

NUVEL model rate = 14.3 mm/yr

Wrms of fit = 29.7 mm

Weighted mean length = 7914131000.9 mm

Reduced Chi square = 2.98

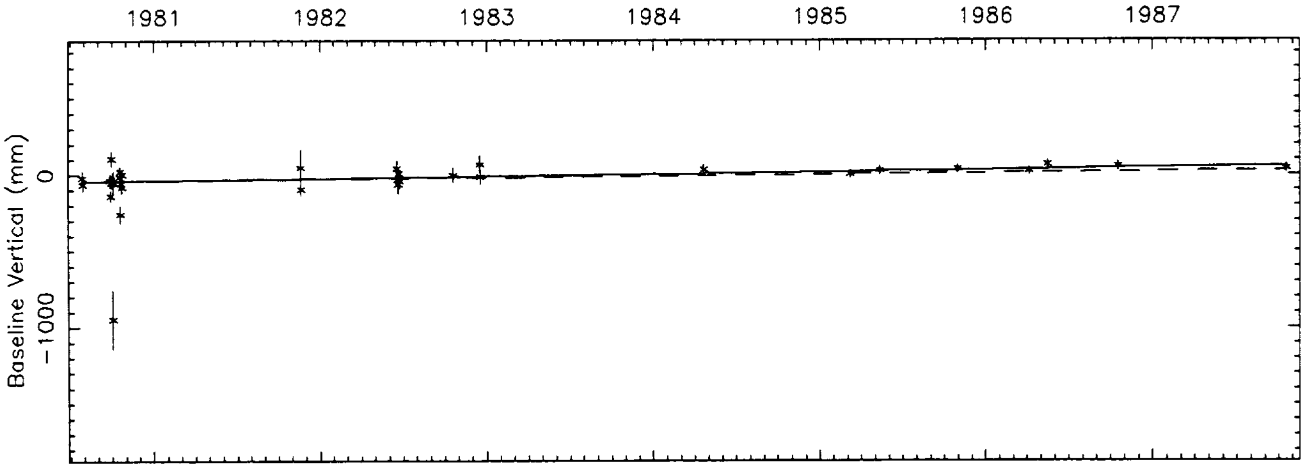


Observed Rate = –.7 ± 1.4 mm/yr

NUVEL model rate = –17.7 mm/yr

Wrms of fit = 19.8 mm

Reduced Chi square = 4.89



Observed Rate = 13.6 ± 3.5 mm/yr

NUVEL model rate = 10.0 mm/yr

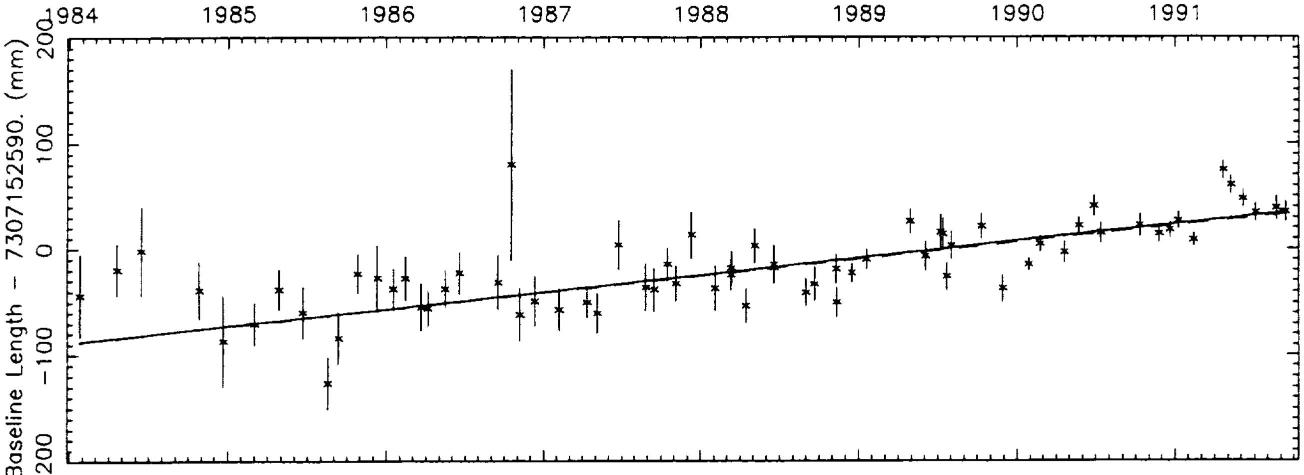
Wrms of fit = 50.3 mm

Reduced Chi square = 2.44

Vector baseline plots for ONSALA60–RICHMOND

Baseline length = 7307 kilometers

Number of sessions = 69



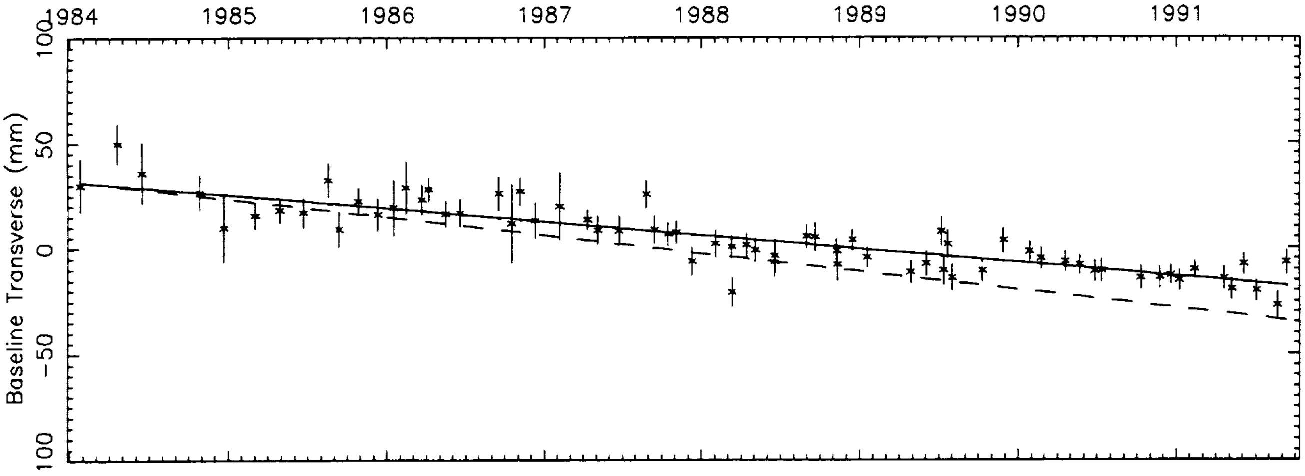
Observed Rate = 16.0 ± 1.5 mm/yr

Wrms of fit = 20.1 mm

Reduced Chi square = 2.70

NUVEL model rate = 15.8 mm/yr

Weighted mean length = 7307152592.6 mm

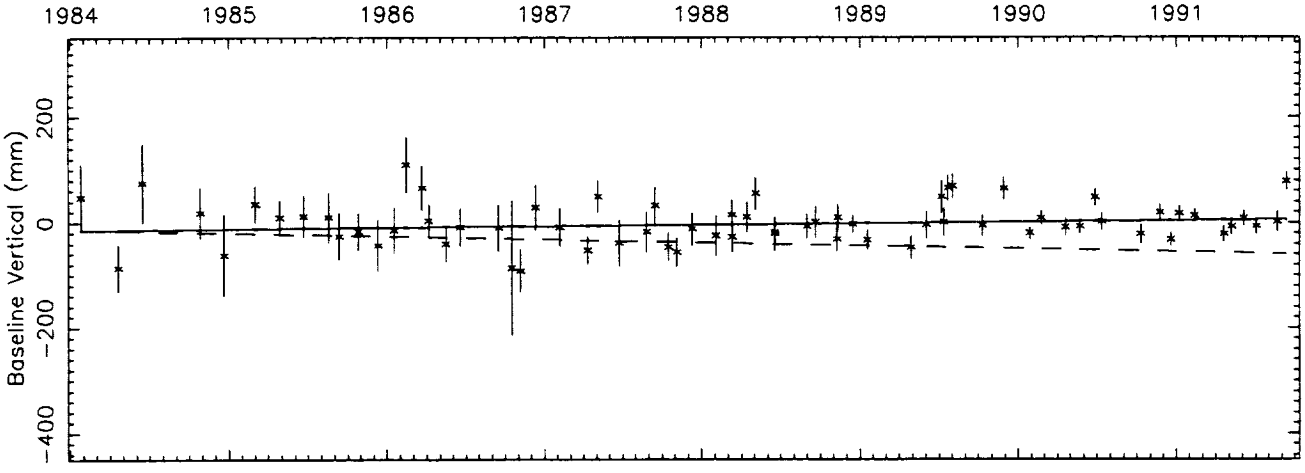


Observed Rate = –6.4 ± .4 mm/yr

Wrms of fit = 6.7 mm

Reduced Chi square = 1.27

NUVEL model rate = –8.6 mm/yr



Observed Rate = 2.7 ± 2.2 mm/yr

Wrms of fit = 30.6 mm

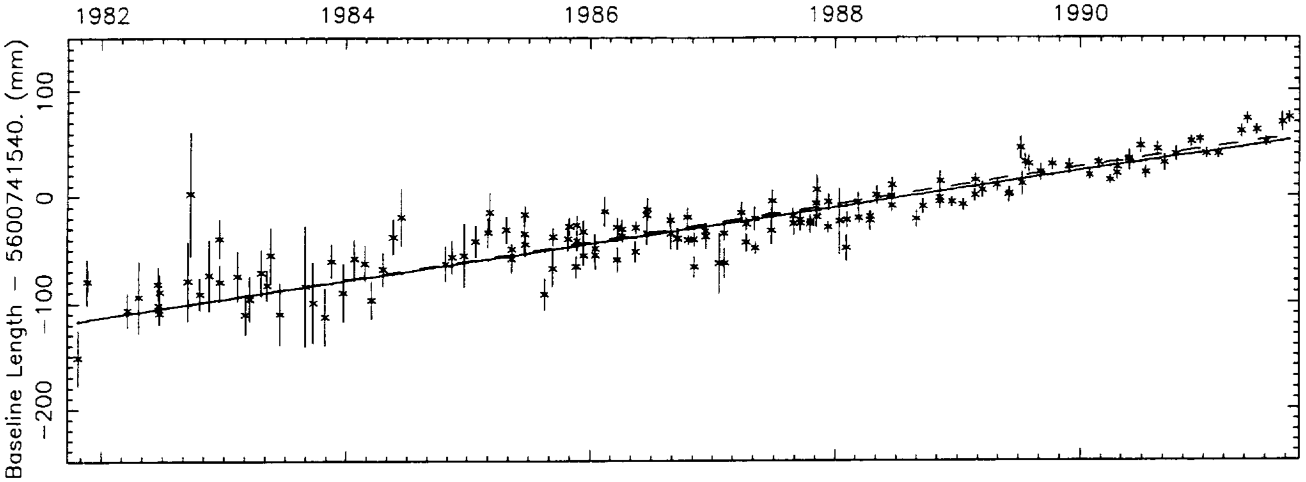
Reduced Chi square = 1.98

NUVEL model rate = –5.8 mm/yr

Vector baseline plots for ONSALA60–WESTFORD

Baseline length = 5601 kilometers

Number of sessions = 154



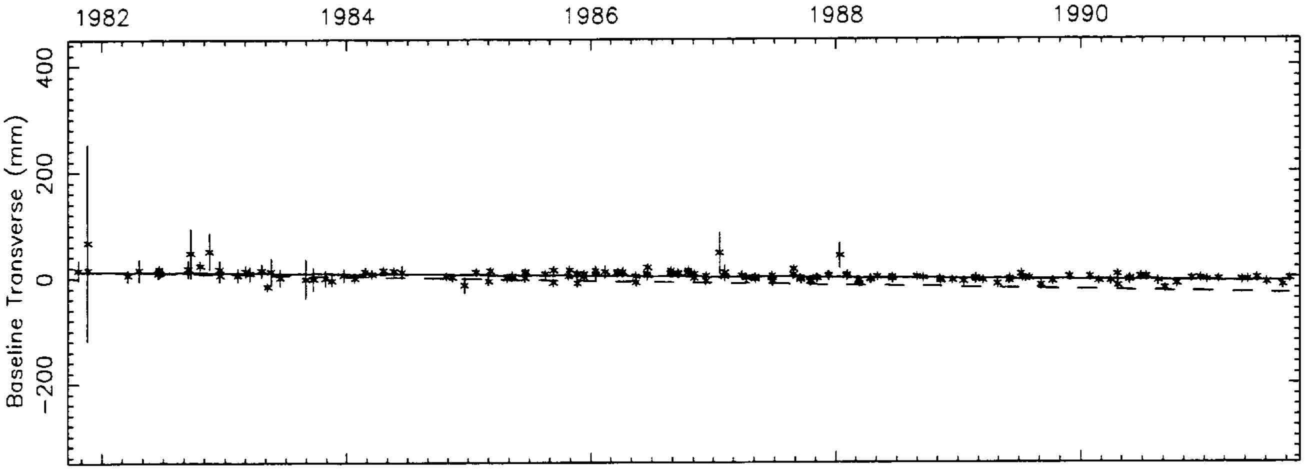
Observed Rate = 17.2 ± .5 mm/yr

NUVEL model rate = 17.6 mm/yr

Wrms of fit = 13.3 mm

Weighted mean length = 5600741537.6 mm

Reduced Chi square = 2.94

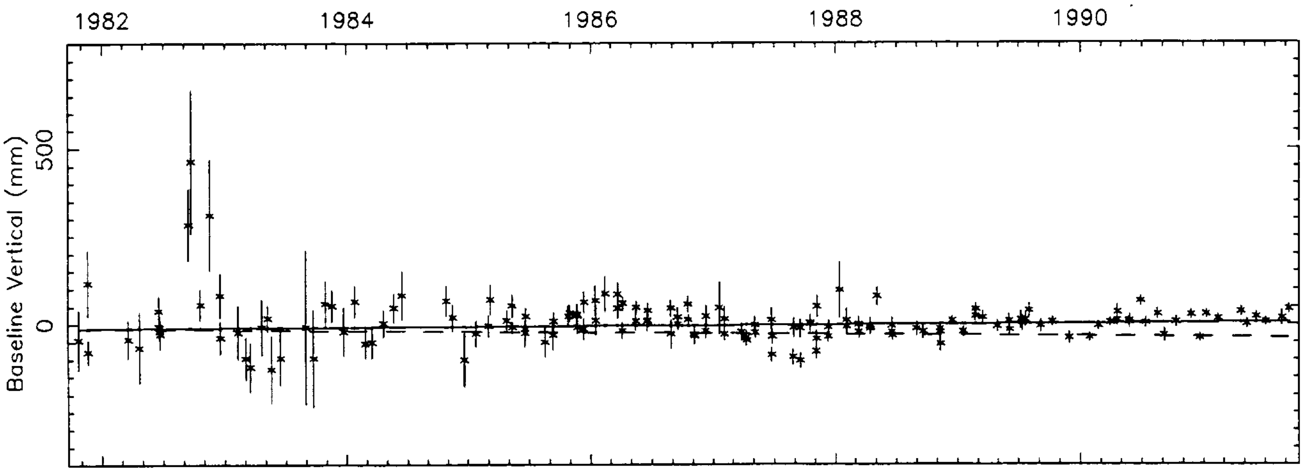


Observed Rate = −2.0 ± .2 mm/yr

NUVEL model rate = −4.3 mm/yr

Wrms of fit = 6.2 mm

Reduced Chi square = 1.46



Observed Rate = 1.8 ± 1.2 mm/yr

NUVEL model rate = −2.6 mm/yr

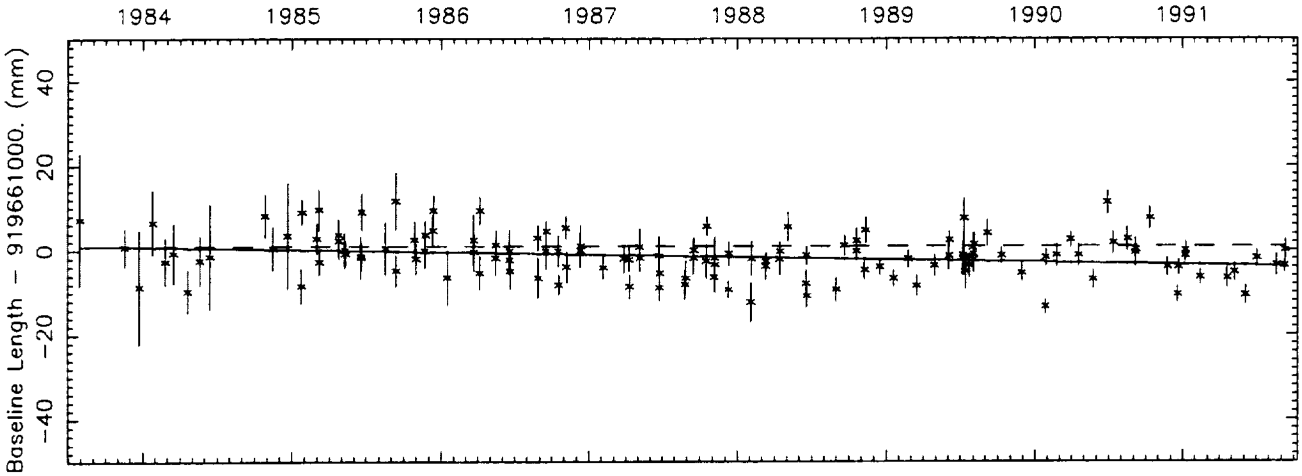
Wrms of fit = 32.4 mm

Reduced Chi square = 2.48

Vector baseline plots for ONSALA60–WETTZELL

Baseline length = 920 kilometers

Number of sessions = 136



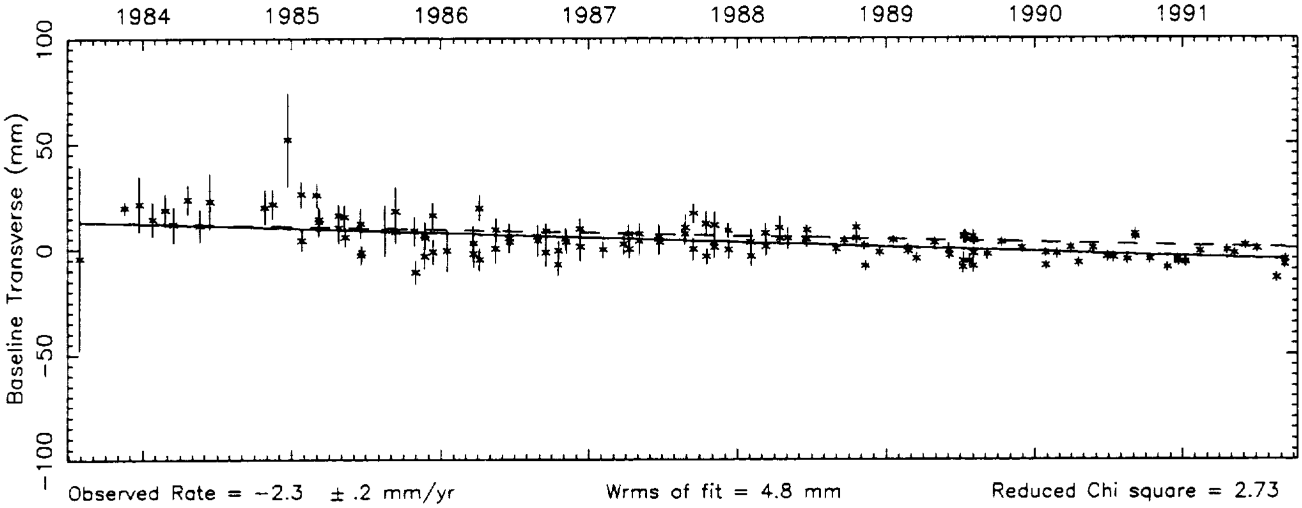
Observed Rate = −.6 ± .2 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 4.7 mm

Weighted mean length = 919660997.8 mm

Reduced Chi square = 2.71

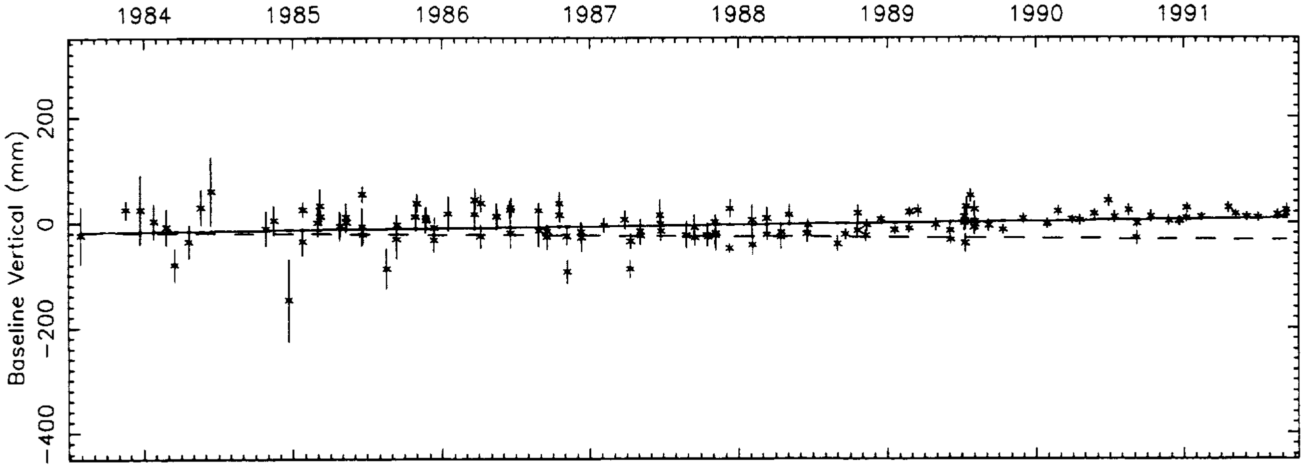


Observed Rate = −2.3 ± .2 mm/yr

NUVEL model rate = −1.6 mm/yr

Wrms of fit = 4.8 mm

Reduced Chi square = 2.73



Observed Rate = 3.2 ± 1.0 mm/yr

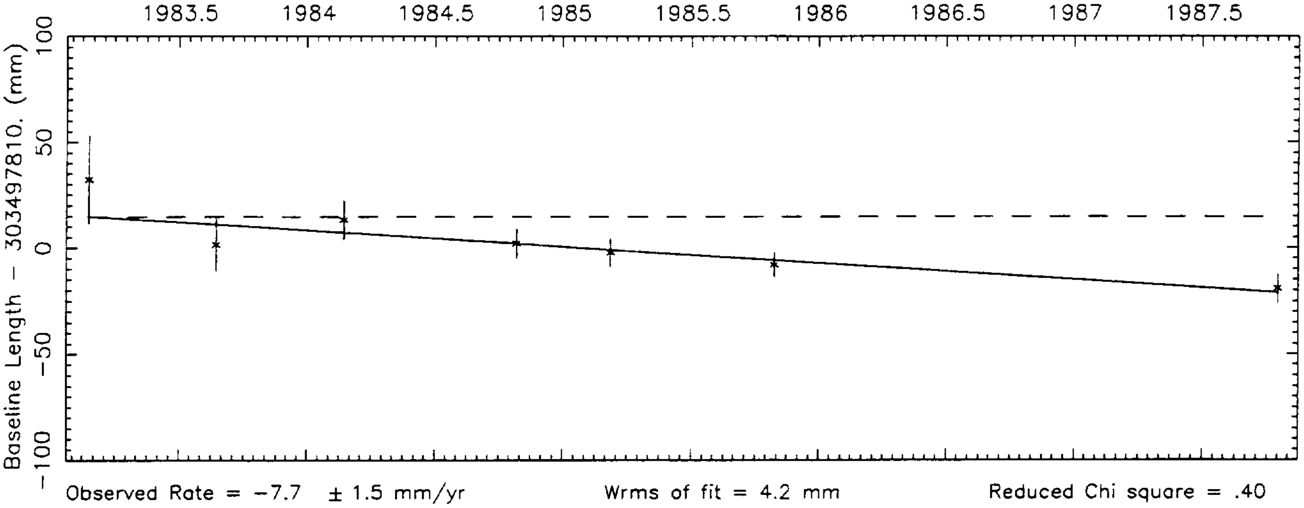
NUVEL model rate = −1.8 mm/yr

Wrms of fit = 20.1 mm

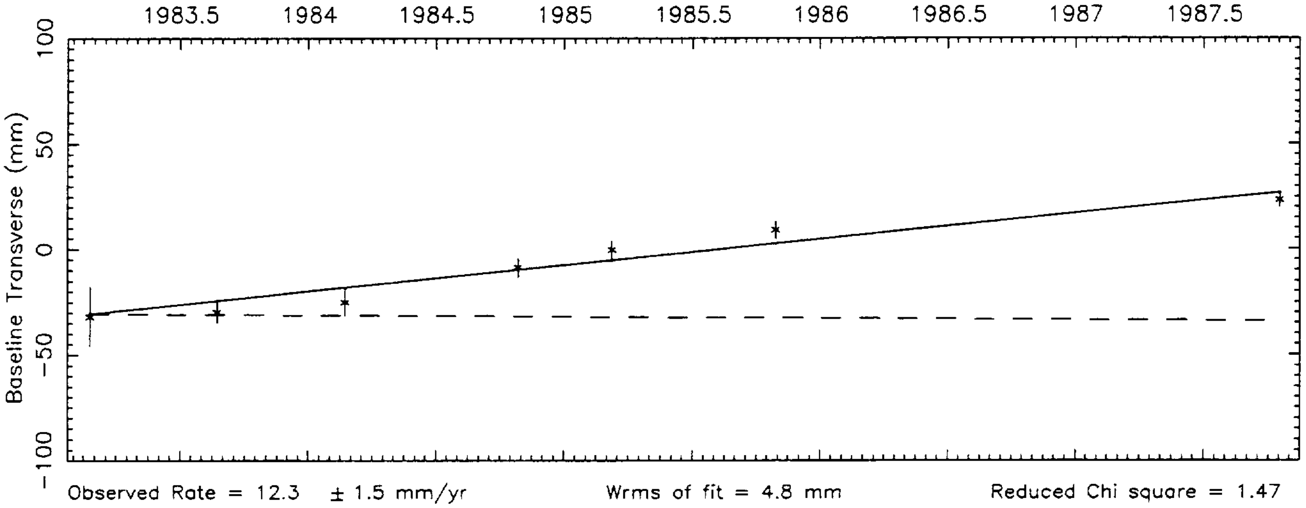
Reduced Chi square = 2.51

Vector baseline plots for OVRO 130-PBLOSSOM

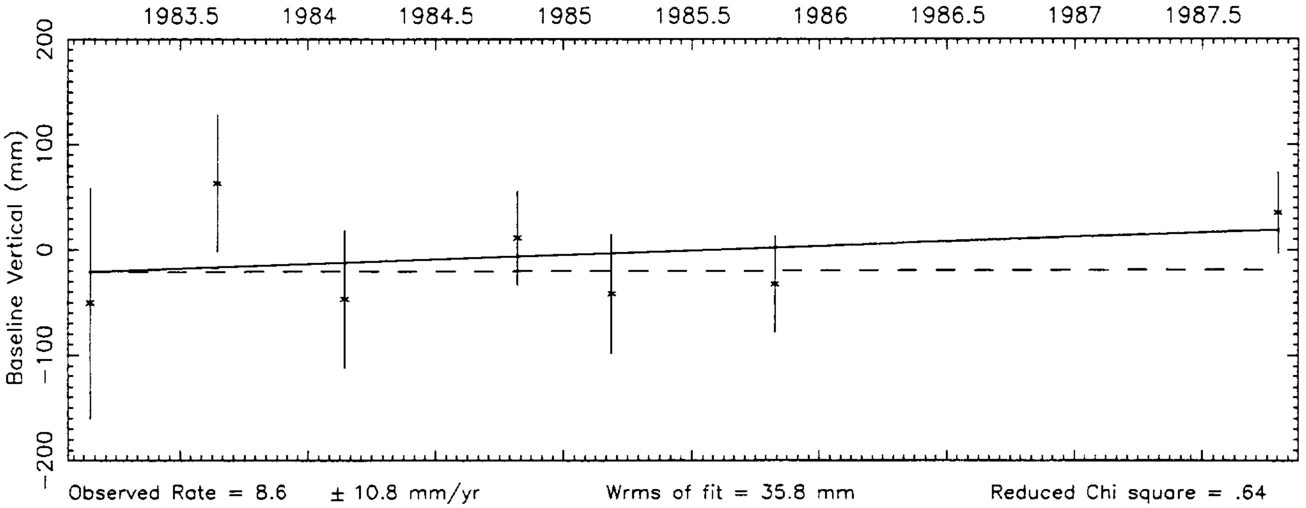
Baseline length = 303 kilometers Number of sessions = 7



Observed Rate = -7.7 ± 1.5 mm/yr Wrms of fit = 4.2 mm Reduced Chi square = .40
NUVEL model rate = .0 mm/yr Weighted mean length = 303497806.4 mm



Observed Rate = 12.3 ± 1.5 mm/yr Wrms of fit = 4.8 mm Reduced Chi square = 1.47
NUVEL model rate = -.8 mm/yr

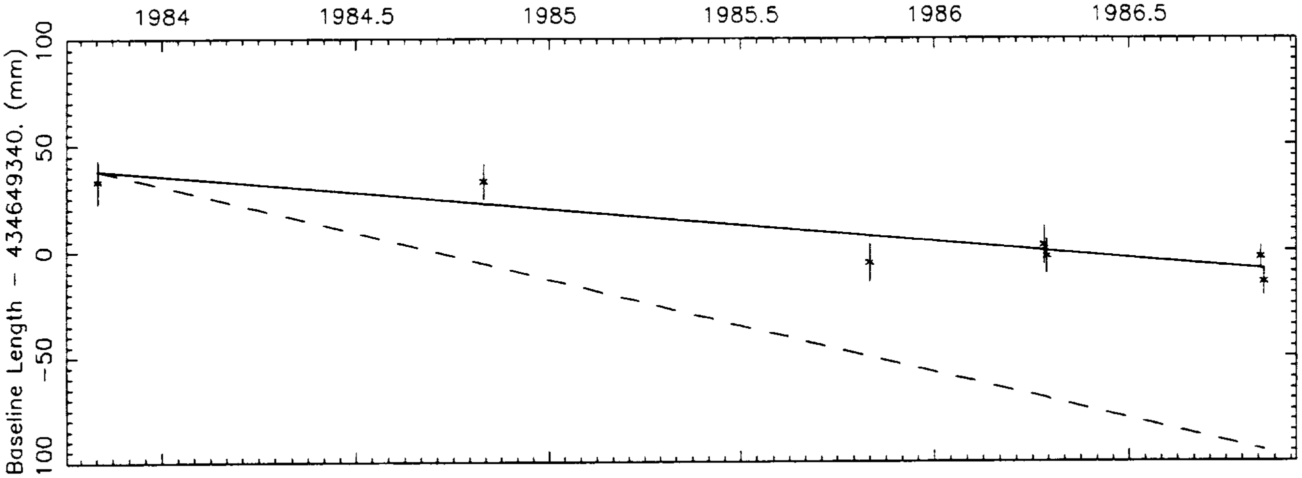


Observed Rate = 8.6 ± 10.8 mm/yr Wrms of fit = 35.8 mm Reduced Chi square = .64
NUVEL model rate = .5 mm/yr

Vector baseline plots for OVRO 130—PINFLATS

Baseline length = 435 kilometers

Number of sessions = 7



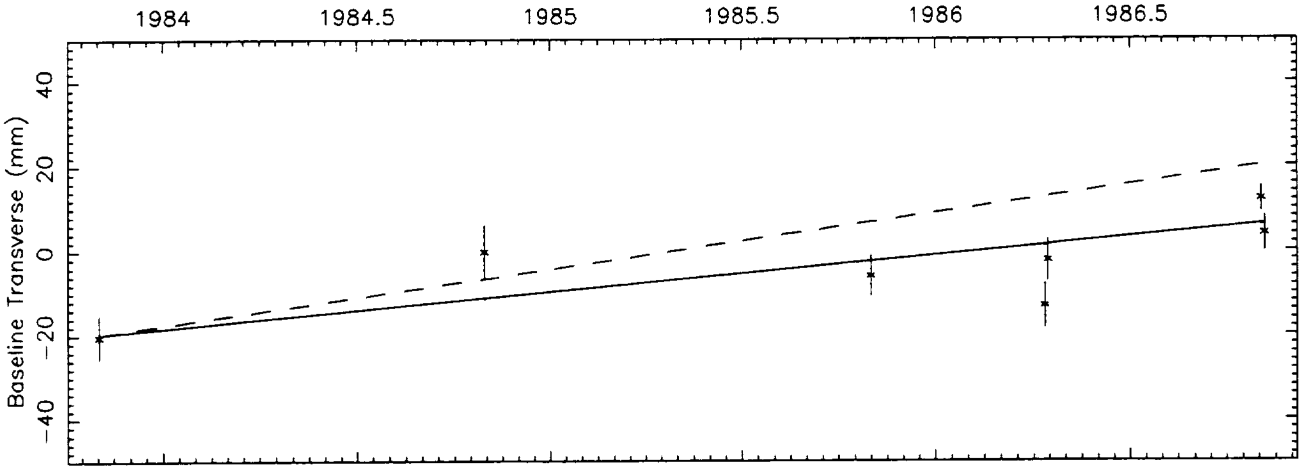
Observed Rate = −15.6 ± 3.4 mm/yr

NUVEL model rate = −44.1 mm/yr

Wrms of fit = 7.0 mm

Weighted mean length = 434649341.9 mm

Reduced Chi square = 1.20

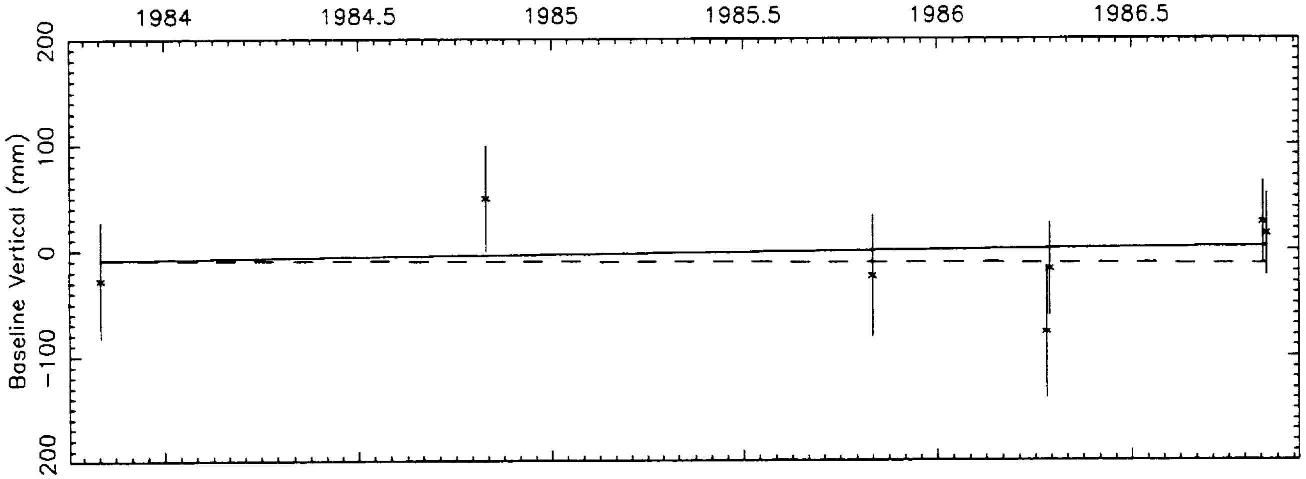


Observed Rate = 8.6 ± 3.1 mm/yr

NUVEL model rate = 13.2 mm/yr

Wrms of fit = 6.7 mm

Reduced Chi square = 3.16



Observed Rate = 4.2 ± 15.3 mm/yr

NUVEL model rate = −1.2 mm/yr

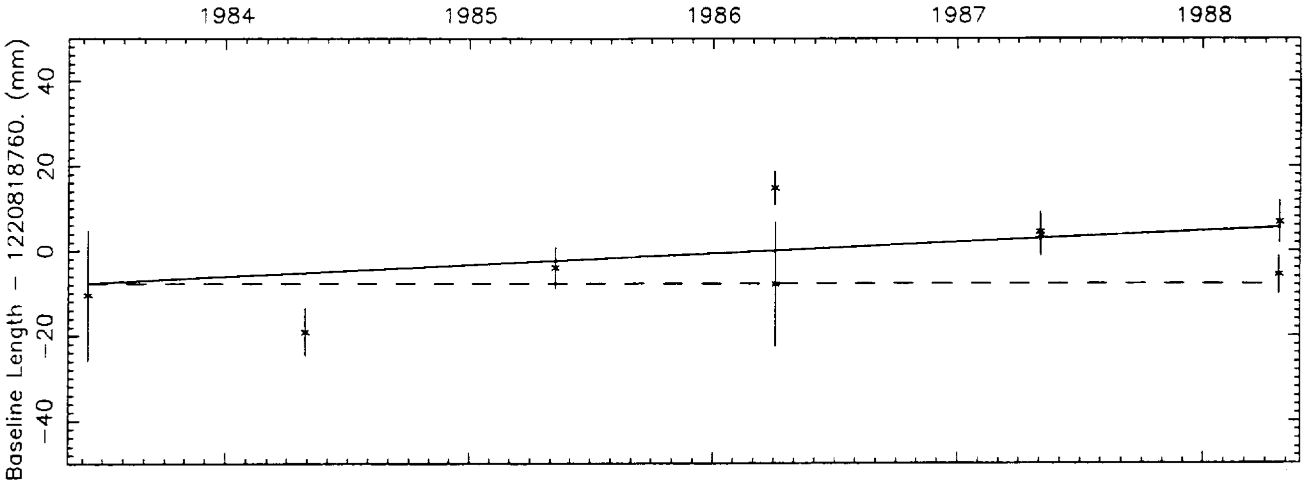
Wrms of fit = 34.0 mm

Reduced Chi square = .72

Vector baseline plots for OVRO 130-PLATTVIL

Baseline length = 1221 kilometers

Number of sessions = 9



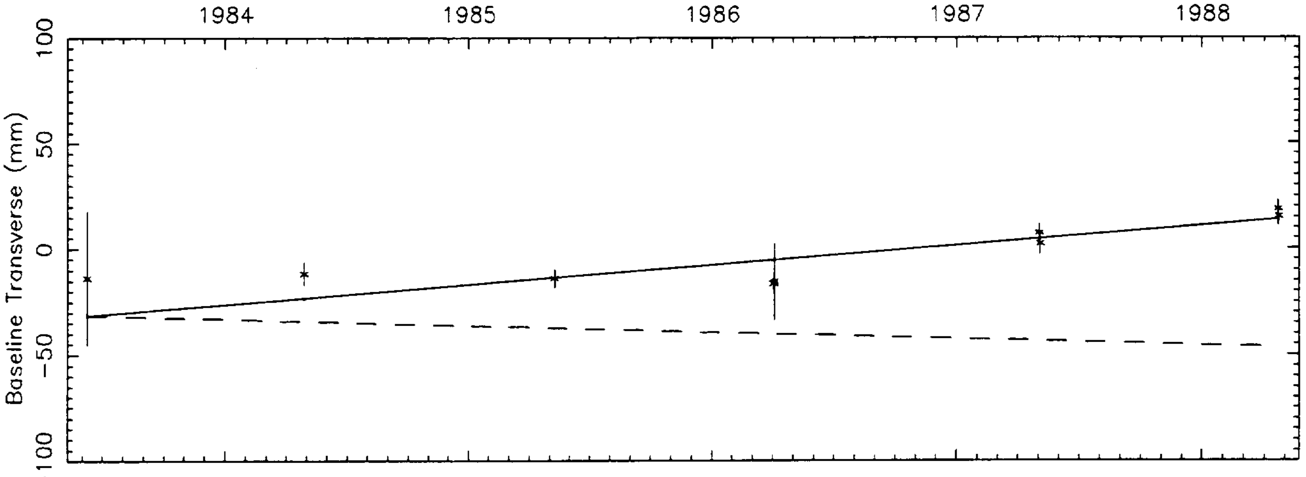
Observed Rate = 2.7 ± 2.6 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 9.2 mm

Weighted mean length = 1220818761.4 mm

Reduced Chi square = 3.88

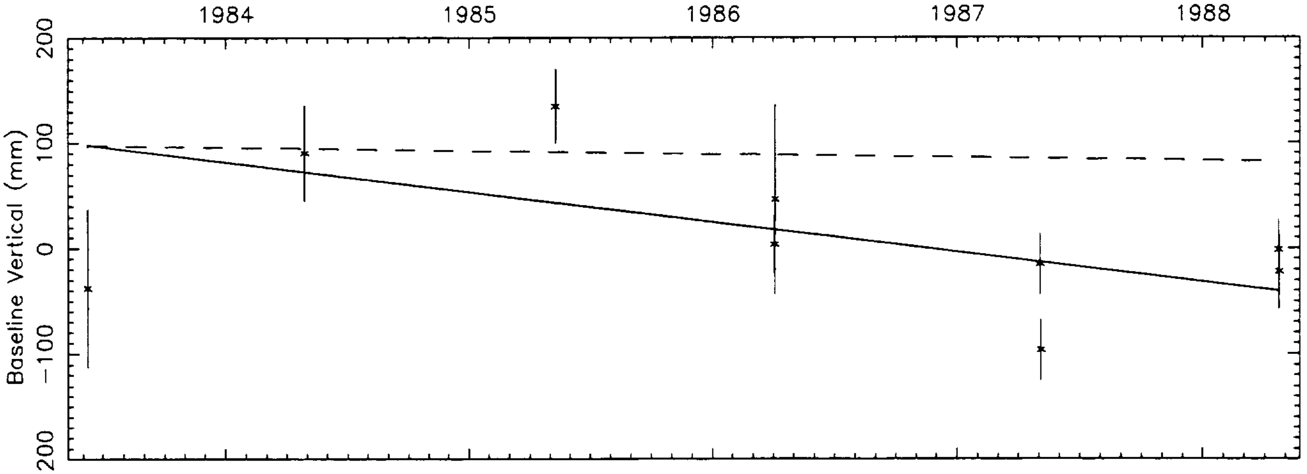


Observed Rate = 9.2 ± 1.9 mm/yr

NUVEL model rate = -3.1 mm/yr

Wrms of fit = 6.6 mm

Reduced Chi square = 2.22



Observed Rate = -28.3 ± 15.7 mm/yr

NUVEL model rate = -3.2 mm/yr

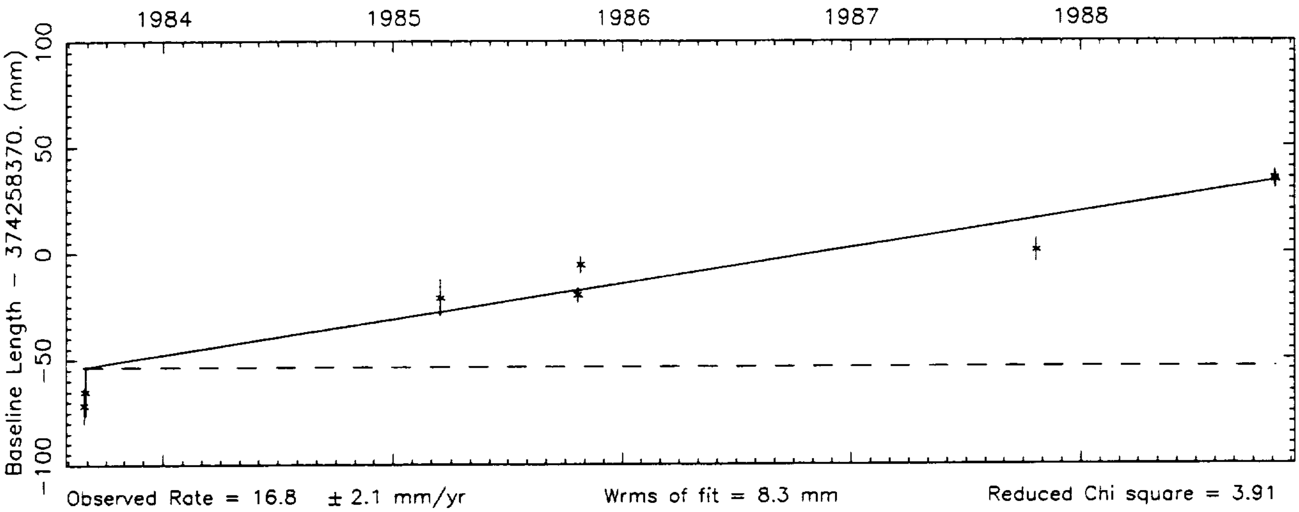
Wrms of fit = 53.5 mm

Reduced Chi square = 3.04

Vector baseline plots for OVRO 130–PRESIDIO

Baseline length = 374 kilometers

Number of sessions = 8



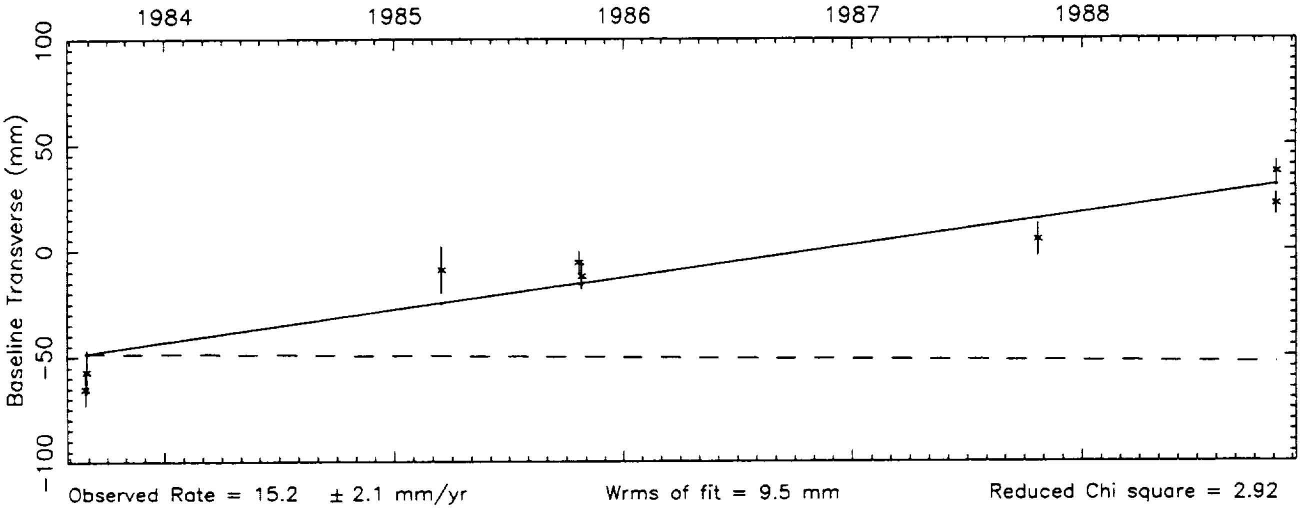
Observed Rate = 16.8 ± 2.1 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 8.3 mm

Weighted mean length = 374258371.0 mm

Reduced Chi square = 3.91

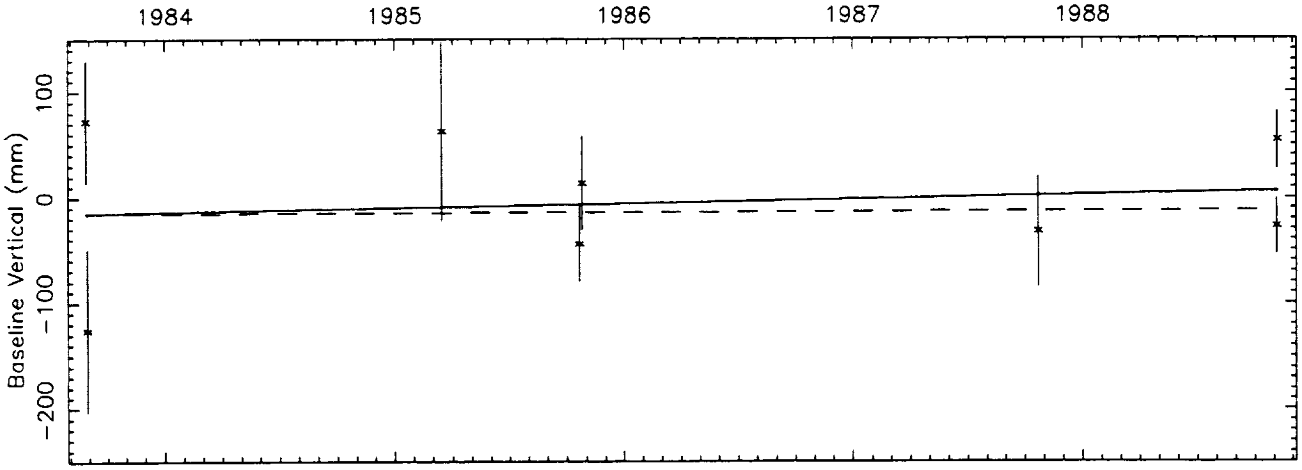


Observed Rate = 15.2 ± 2.1 mm/yr

NUVEL model rate = –.9 mm/yr

Wrms of fit = 9.5 mm

Reduced Chi square = 2.92



Observed Rate = 4.2 ± 10.8 mm/yr

NUVEL model rate = .6 mm/yr

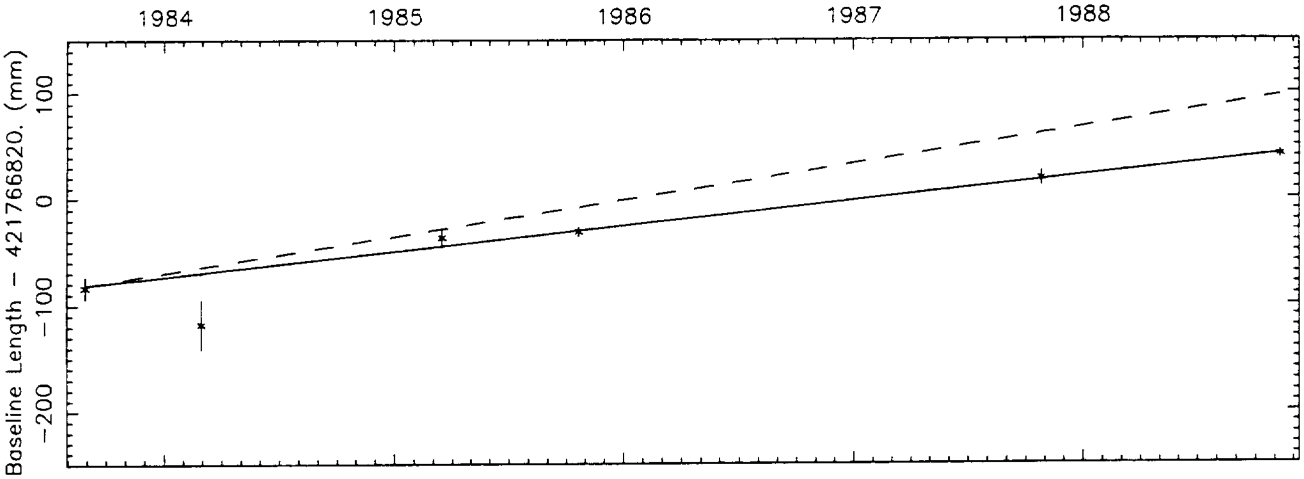
Wrms of fit = 47.9 mm

Reduced Chi square = 1.94

Vector baseline plots for OVRO 130-PT REYES

Baseline length = 422 kilometers

Number of sessions = 6



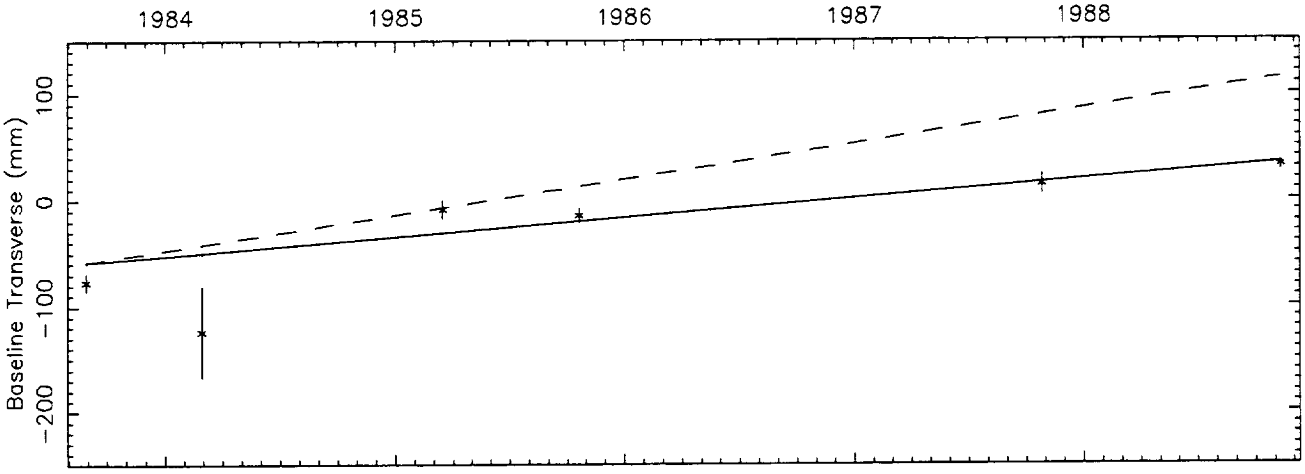
Observed Rate = 23.7 ± 1.7 mm/yr

NUVEL model rate = 34.2 mm/yr

Wrms of fit = 6.0 mm

Weighted mean length = 421766819.4 mm

Reduced Chi square = 1.47

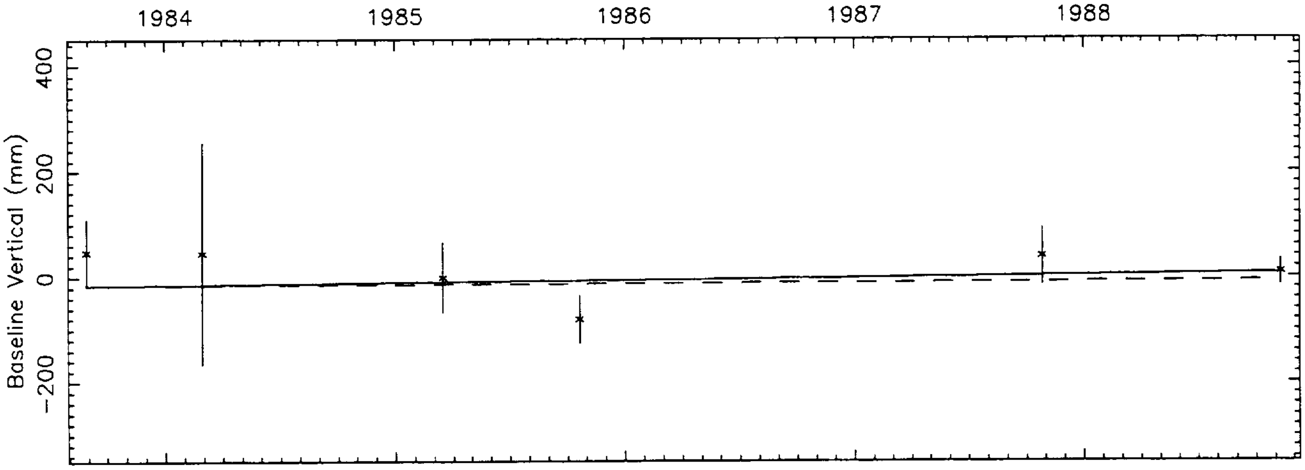


Observed Rate = 17.8 ± 3.1 mm/yr

NUVEL model rate = 33.2 mm/yr

Wrms of fit = 11.9 mm

Reduced Chi square = 3.90



Observed Rate = 4.2 ± 10.4 mm/yr

NUVEL model rate = 1.6 mm/yr

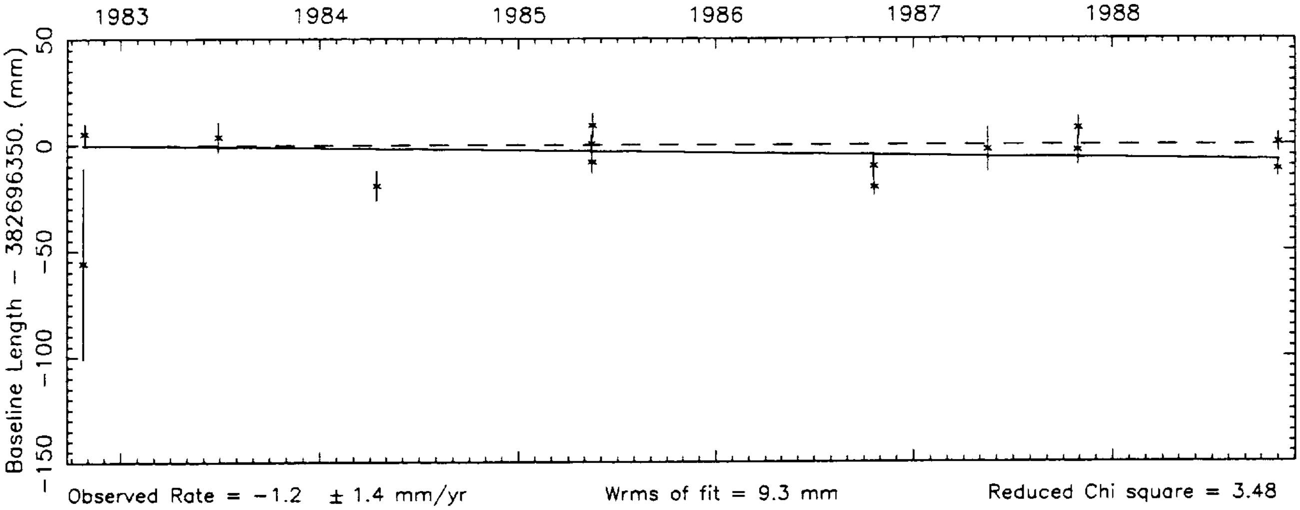
Wrms of fit = 37.7 mm

Reduced Chi square = 1.02

Vector baseline plots for OVRO 130–QUINCY

Baseline length = 383 kilometers

Number of sessions = 14



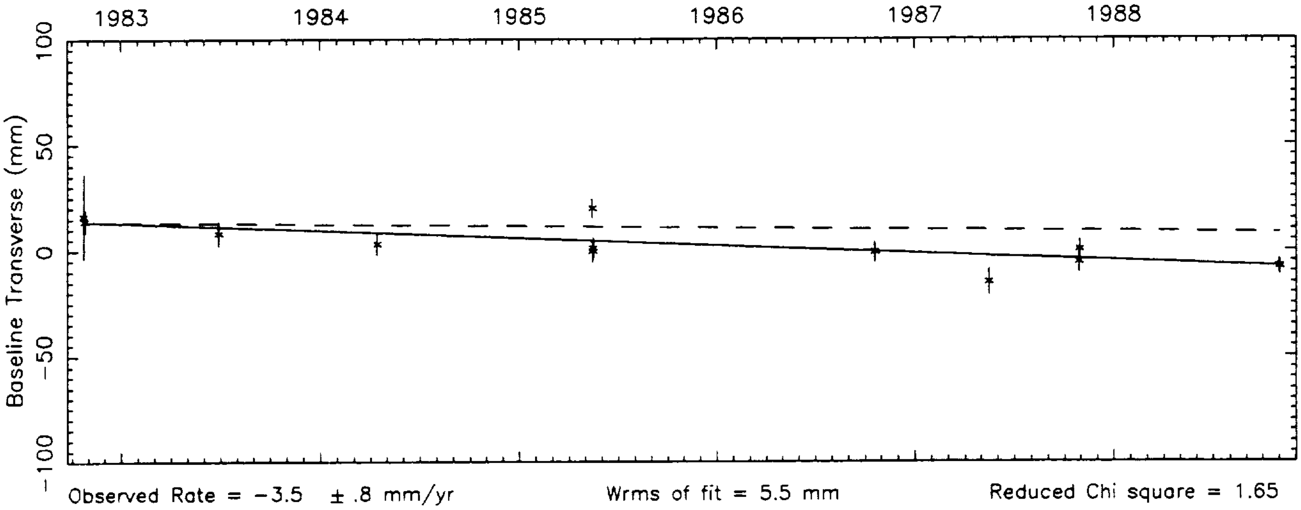
Observed Rate = −1.2 ± 1.4 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 9.3 mm

Weighted mean length = 382696345.2 mm

Reduced Chi square = 3.48

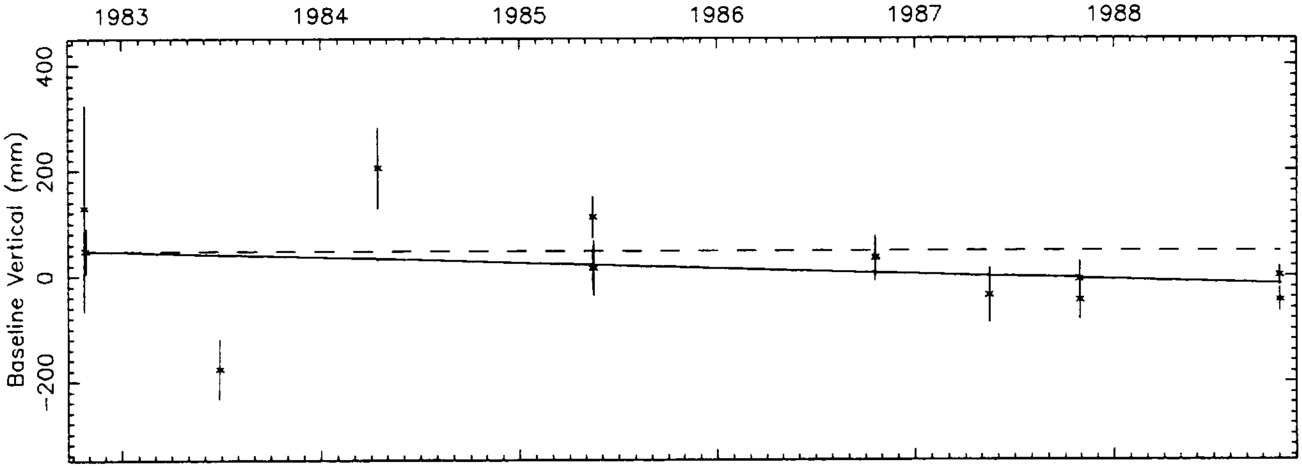


Observed Rate = −3.5 ± .8 mm/yr

NUVEL model rate = −.9 mm/yr

Wrms of fit = 5.5 mm

Reduced Chi square = 1.65



Observed Rate = −10.6 ± 8.4 mm/yr

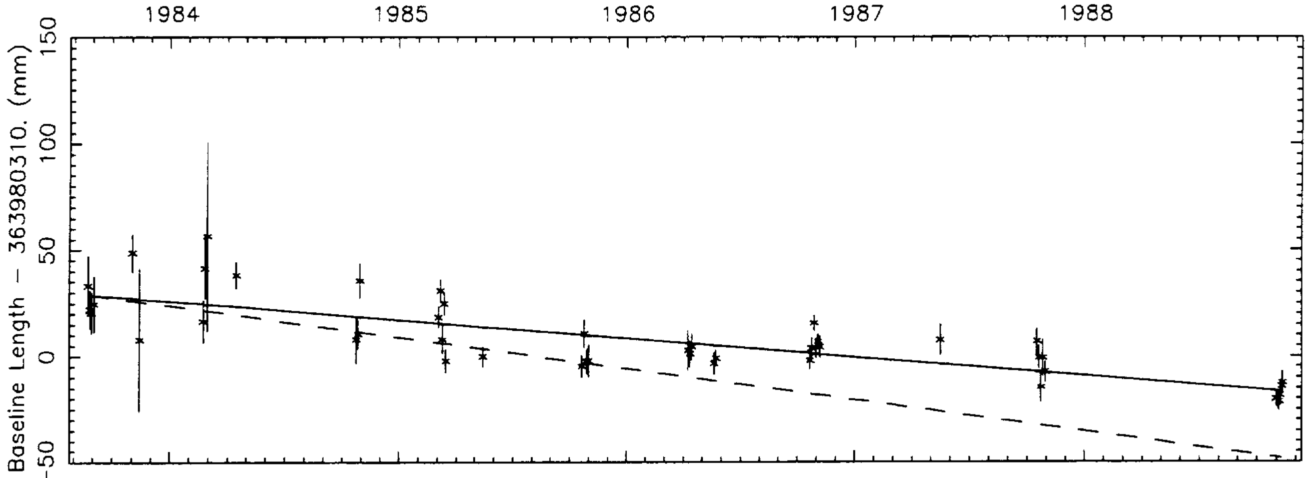
NUVEL model rate = −.2 mm/yr

Wrms of fit = 52.7 mm

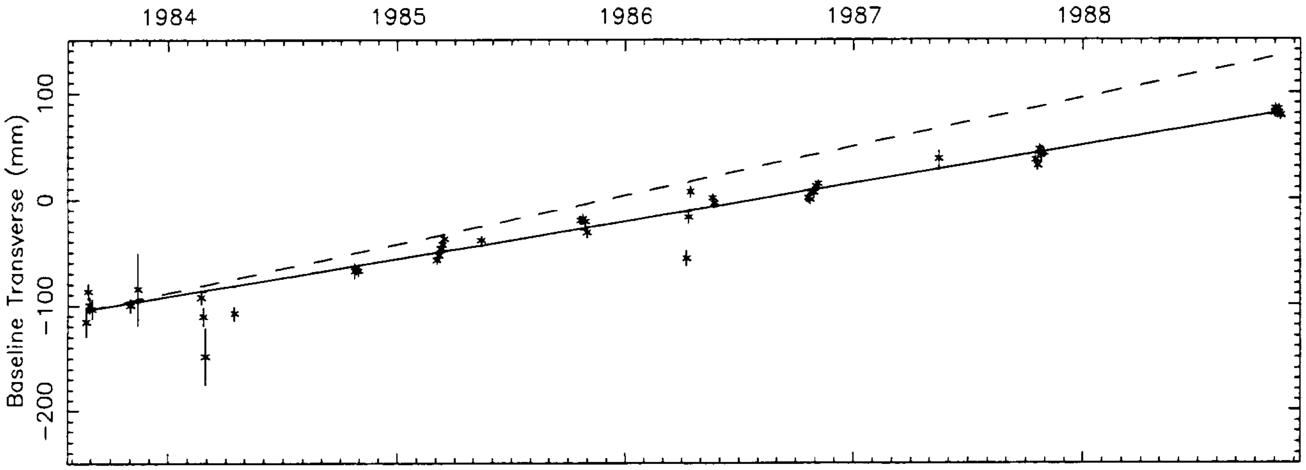
Reduced Chi square = 2.53

Vector baseline plots for OVRO 130–VNDNBERG

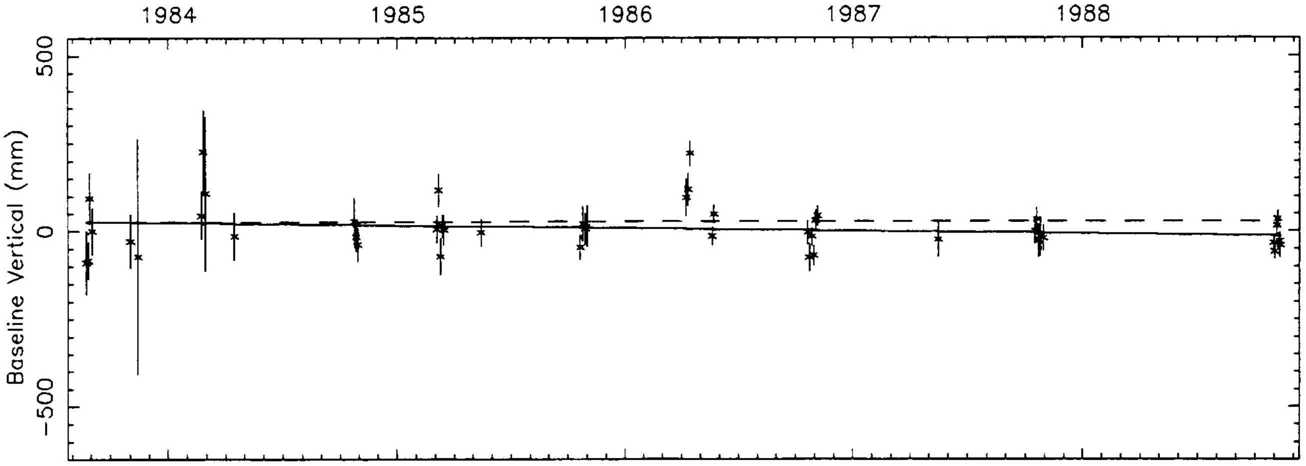
Baseline length = 364 kilometers   Number of sessions = 46



Observed Rate = –8.8 ± .9 mm/yr   Wrms of fit = 8.7 mm   Reduced Chi square = 2.52
NUVEL model rate = –14.8 mm/yr   Weighted mean length = 363980311.2 mm



Observed Rate = 35.5 ± .8 mm/yr   Wrms of fit = 8.1 mm   Reduced Chi square = 3.36
NUVEL model rate = 45.9 mm/yr

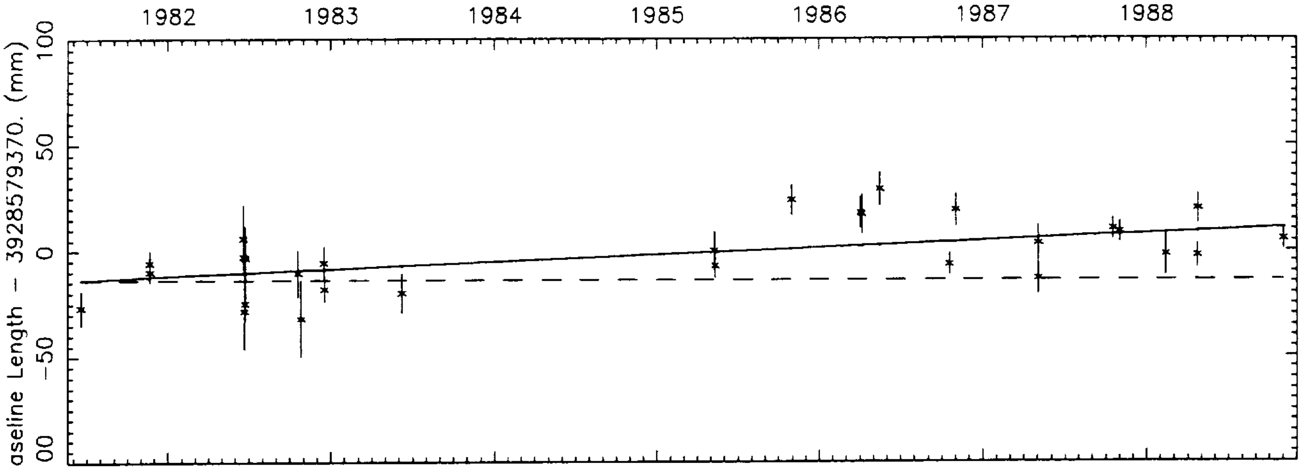


Observed Rate = –7.6 ± 5.3 mm/yr   Wrms of fit = 53.2 mm   Reduced Chi square = 2.21
NUVEL model rate = .6 mm/yr

Vector baseline plots for OVRO 130–WESTFORD

Baseline length = 3929 kilometers

Number of sessions = 29



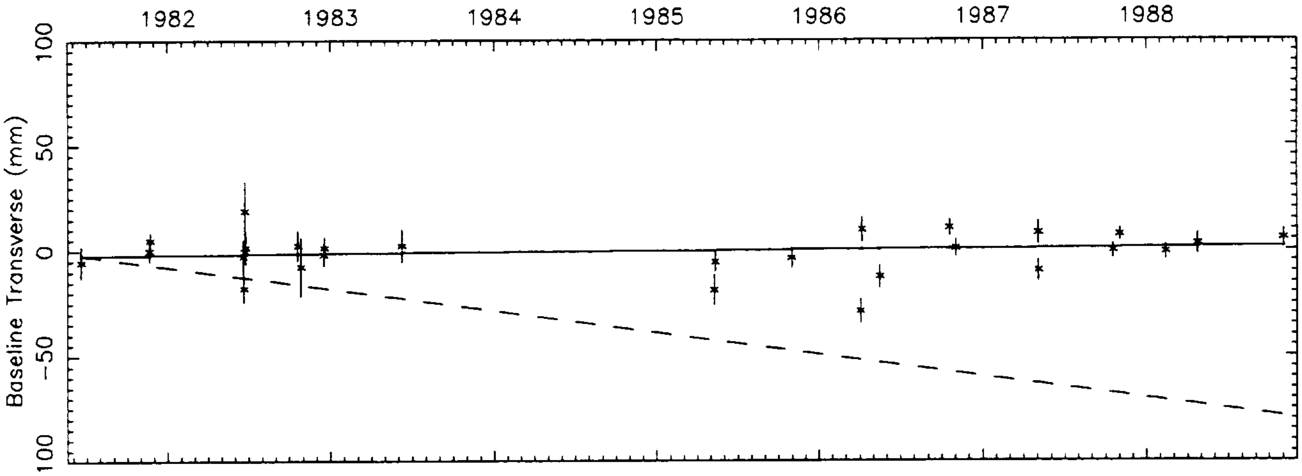
Observed Rate = 3.3 ± .8 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 11.0 mm

Weighted mean length = 3928579369.8 mm

Reduced Chi square = 2.65

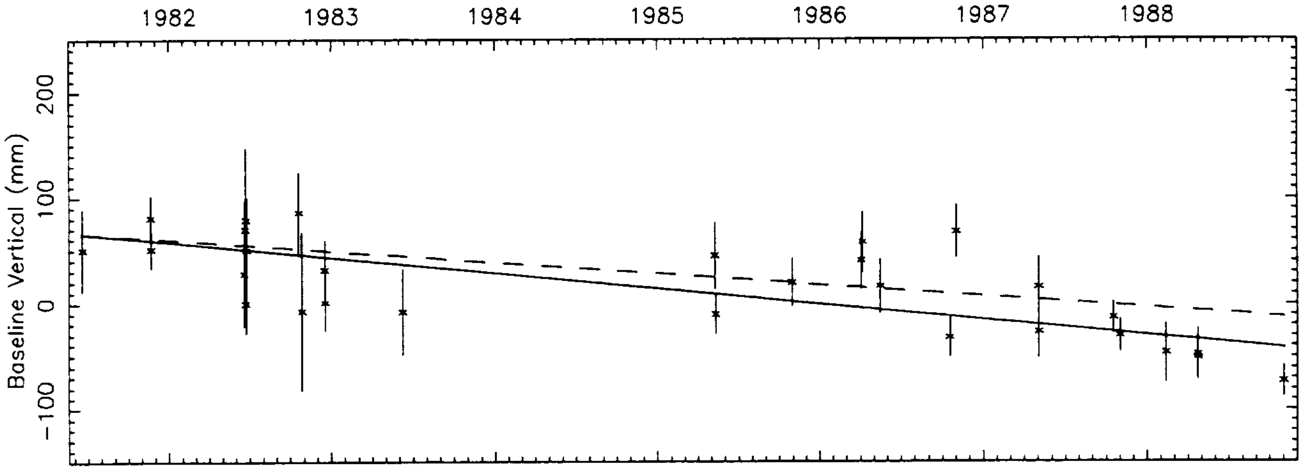


Observed Rate = .5 ± .6 mm/yr

NUVEL model rate = −10.4 mm/yr

Wrms of fit = 7.9 mm

Reduced Chi square = 2.73



Observed Rate = −14.6 ± 2.3 mm/yr

NUVEL model rate = −10.5 mm/yr

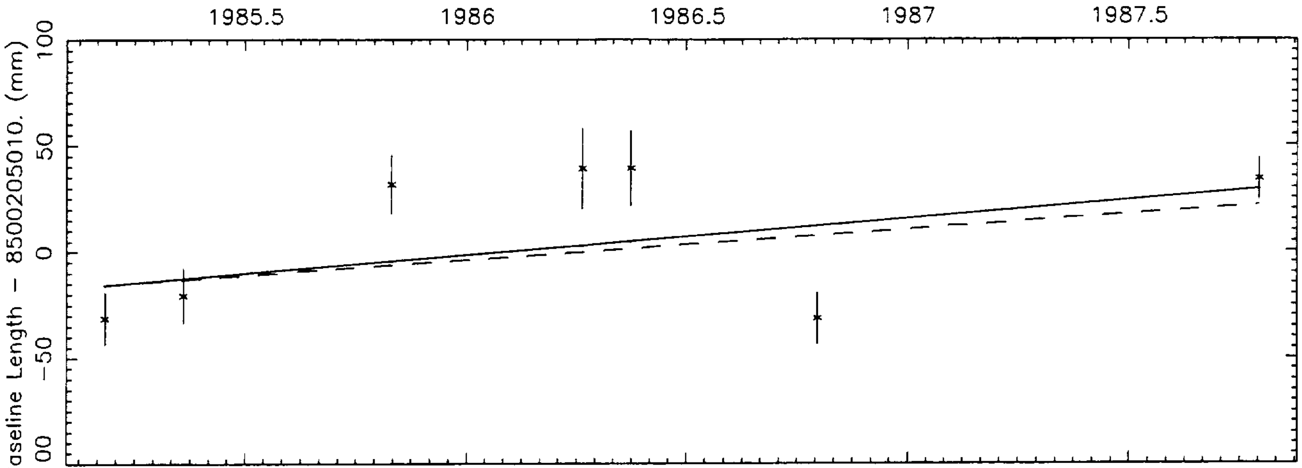
Wrms of fit = 29.1 mm

Reduced Chi square = 1.57

Vector baseline plots for OVRO 130—WETTZELL

Baseline length = 8500 kilometers

Number of sessions = 7



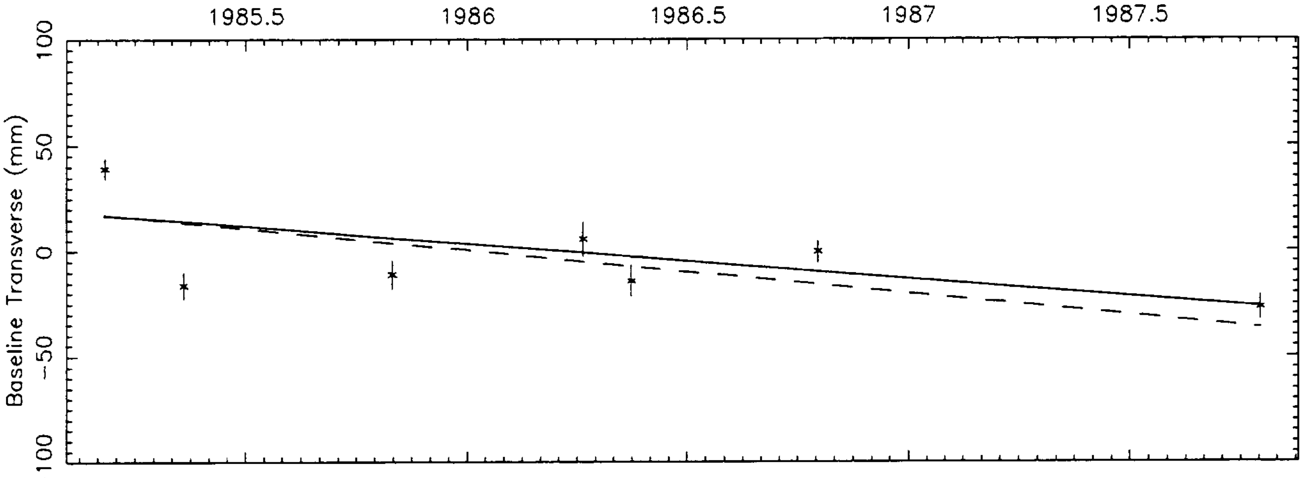
Observed Rate = 17.2 ± 12.3 mm/yr

NUVEL model rate = 14.4 mm/yr

Wrms of fit = 26.8 mm

Weighted mean length = 8500205014.9 mm

Reduced Chi square = 5.95

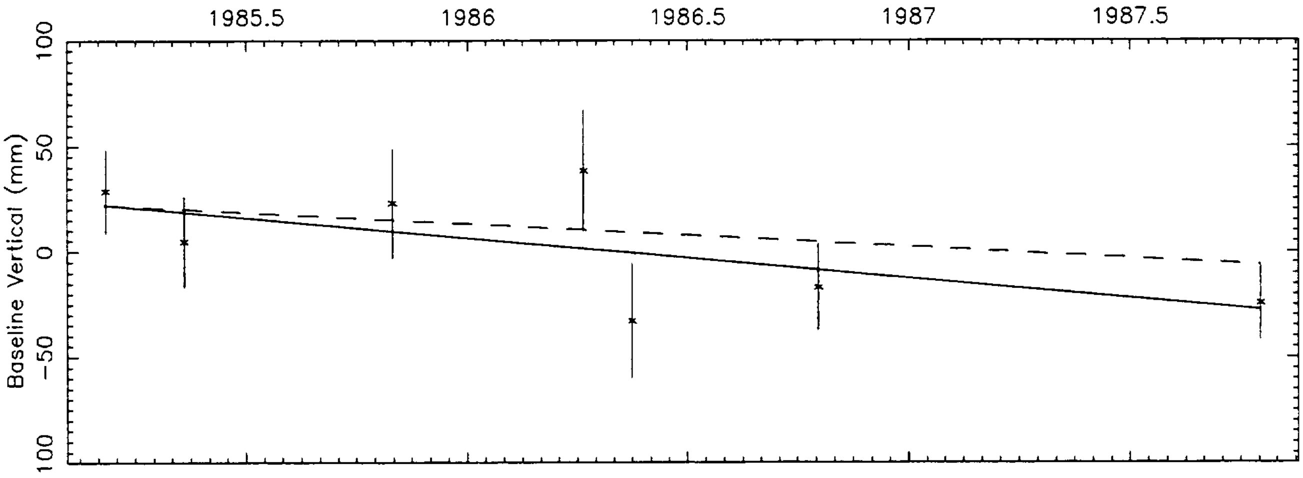


Observed Rate = −16.7 ± 8.6 mm/yr

NUVEL model rate = −20.5 mm/yr

Wrms of fit = 17.3 mm

Reduced Chi square = 11.52



Observed Rate = −18.8 ± 7.9 mm/yr

NUVEL model rate = −10.7 mm/yr

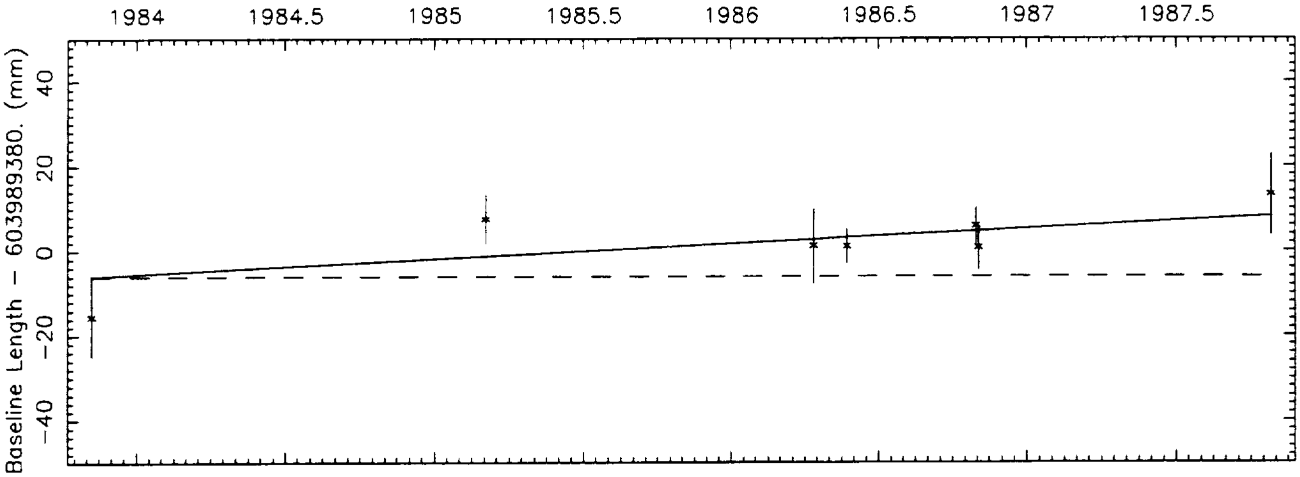
Wrms of fit = 16.9 mm

Reduced Chi square = .82

Vector baseline plots for OVRO 130–YUMA

Baseline length = 604 kilometers

Number of sessions = 7



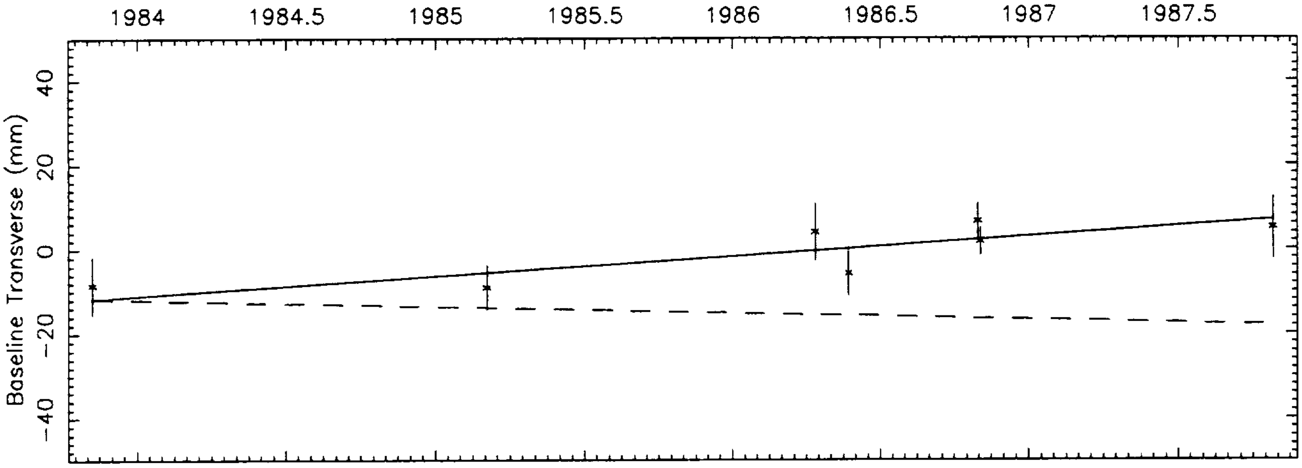
Observed Rate = 3.5 ± 2.4 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 4.6 mm

Weighted mean length = 603989382.8 mm

Reduced Chi square = .92

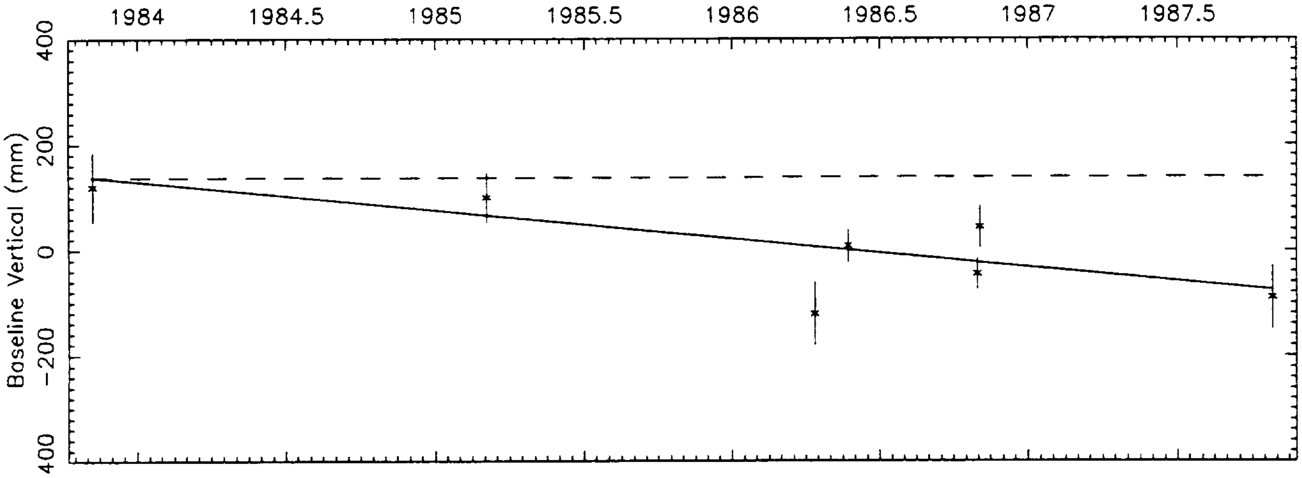


Observed Rate = 4.7 ± 1.6 mm/yr

NUVEL model rate = –1.6 mm/yr

Wrms of fit = 3.5 mm

Reduced Chi square = .70



Observed Rate = –54.0 ± 24.0 mm/yr

NUVEL model rate = .2 mm/yr

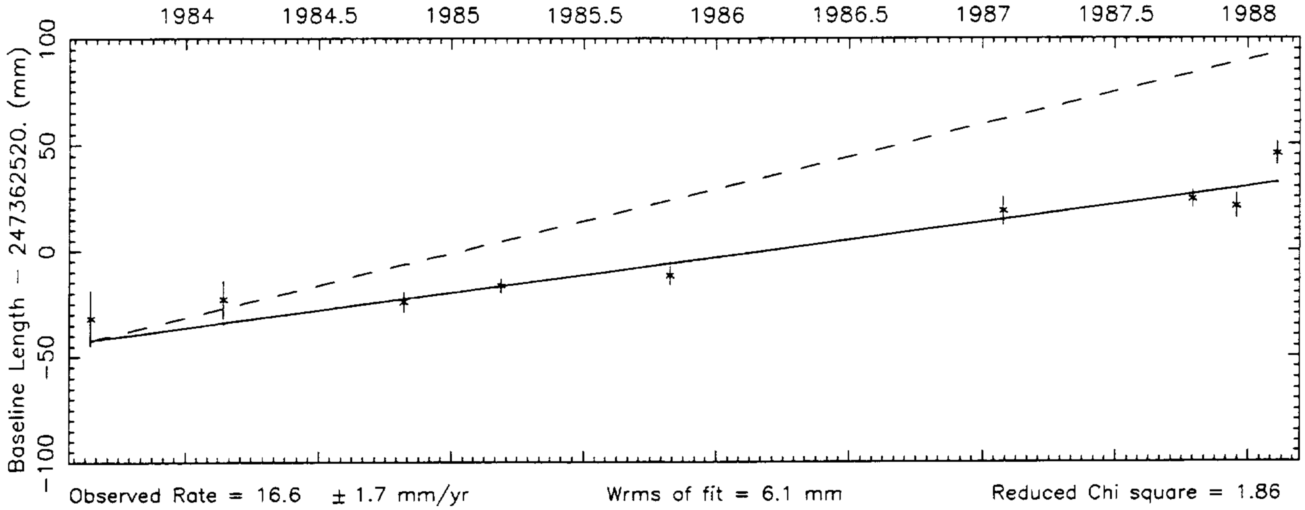
Wrms of fit = 46.4 mm

Reduced Chi square = 1.80

Vector baseline plots for PBLOSSOM-VNDNBERG

Baseline length = 247 kilometers

Number of sessions = 9



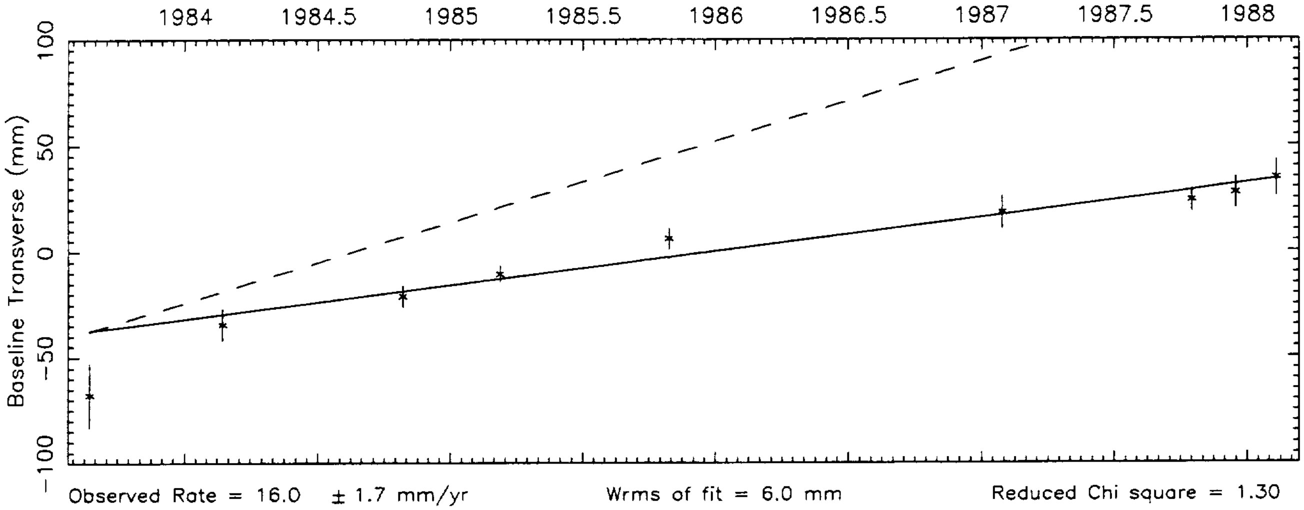
Observed Rate = 16.6 ± 1.7 mm/yr

Wrms of fit = 6.1 mm

Reduced Chi square = 1.86

NUVEL model rate = 30.3 mm/yr

Weighted mean length = 247362520.9 mm

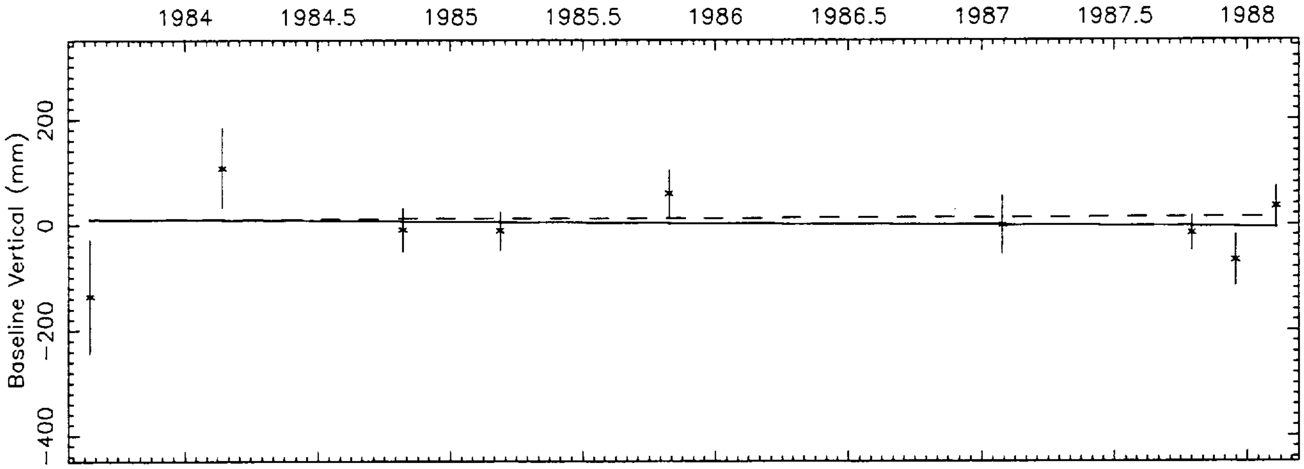


Observed Rate = 16.0 ± 1.7 mm/yr

Wrms of fit = 6.0 mm

Reduced Chi square = 1.30

NUVEL model rate = 38.0 mm/yr



Observed Rate = -3.5 ± 11.4 mm/yr

Wrms of fit = 43.2 mm

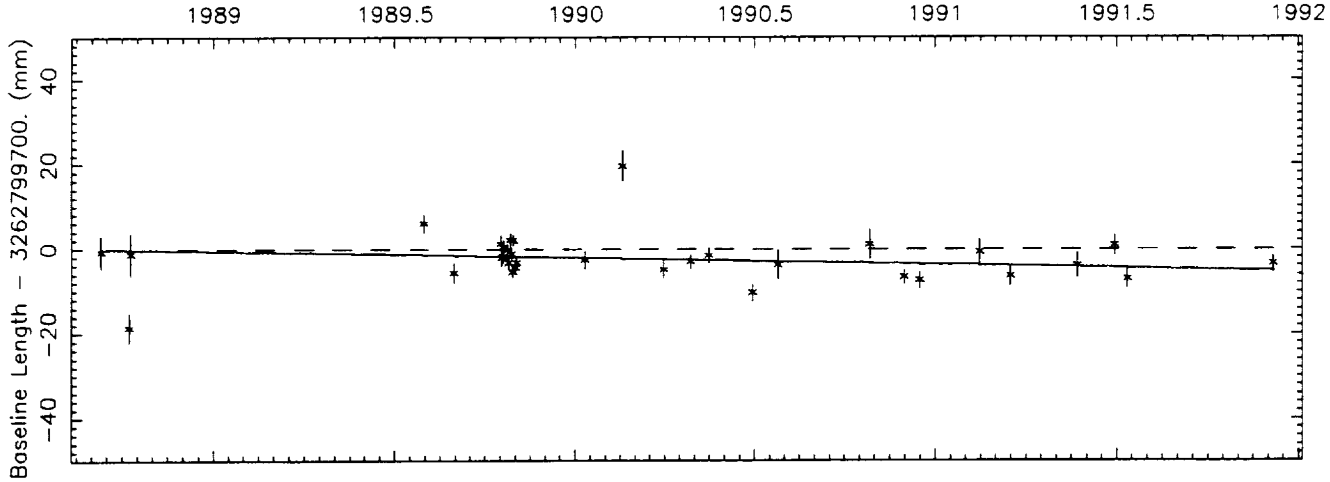
Reduced Chi square = 1.19

NUVEL model rate = .9 mm/yr

Vector baseline plots for PIETOWN –WESTFORD

Baseline length = 3263 kilometers

Number of sessions = 33



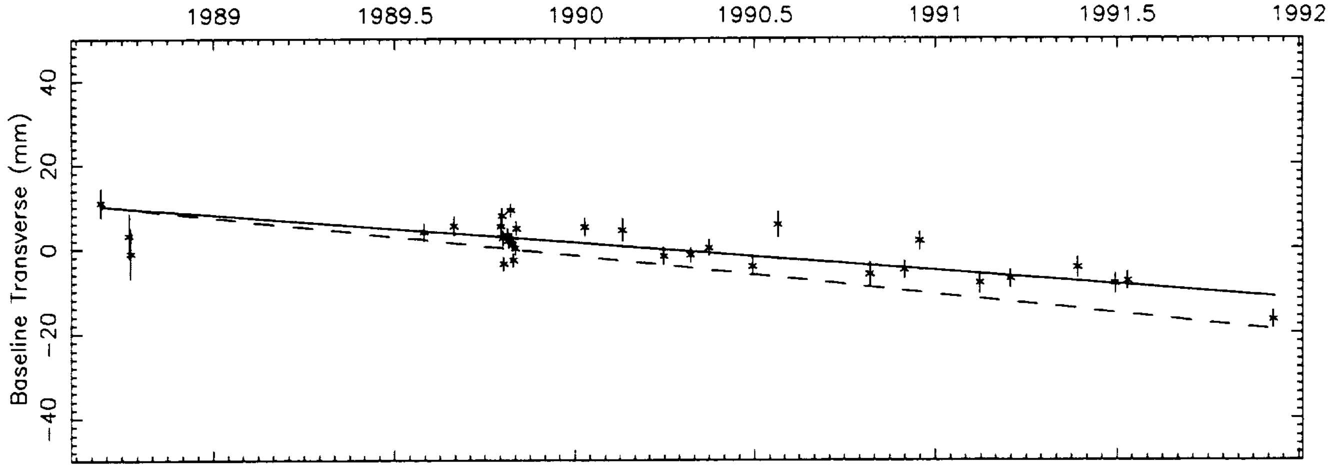
Observed Rate = –1.6 ± 1.1 mm/yr

Wrms of fit = 4.0 mm

Reduced Chi square = 4.80

NUVEL model rate = .0 mm/yr

Weighted mean length = 3262799697.5 mm

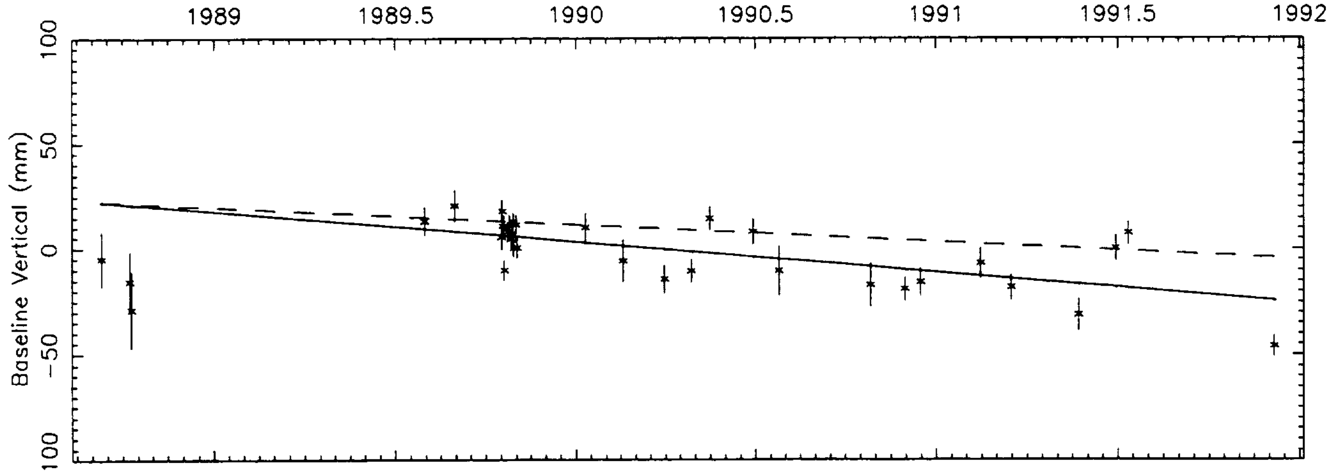


Observed Rate = –6.7 ± .9 mm/yr

Wrms of fit = 3.4 mm

Reduced Chi square = 2.98

NUVEL model rate = –9.1 mm/yr



Observed Rate = –14.5 ± 3.0 mm/yr

Wrms of fit = 11.4 mm

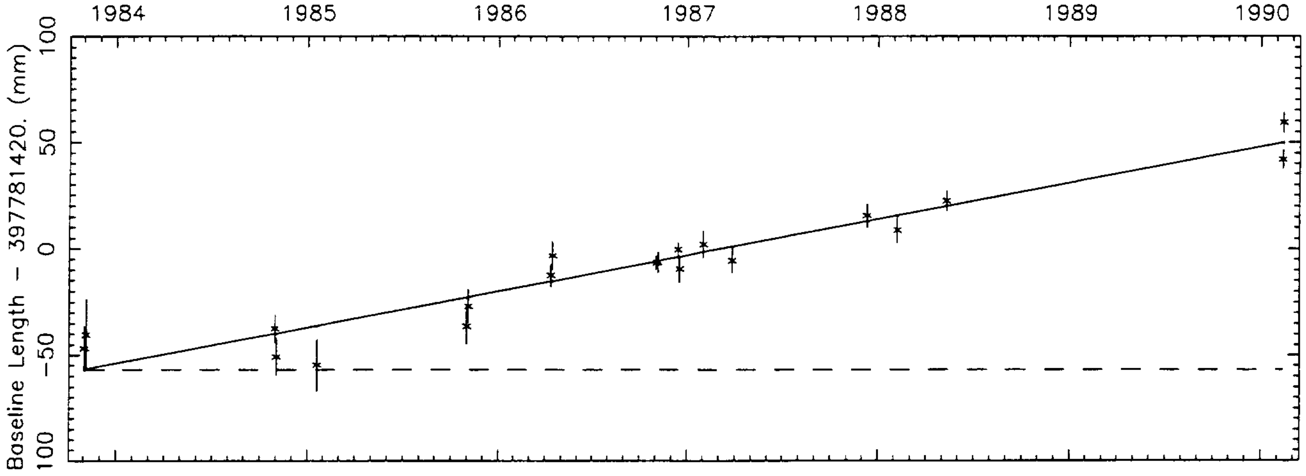
Reduced Chi square = 4.23

NUVEL model rate = –8.2 mm/yr

Vector baseline plots for PINFLATS—VNDNBERG

Baseline length = 398 kilometers

Number of sessions = 20



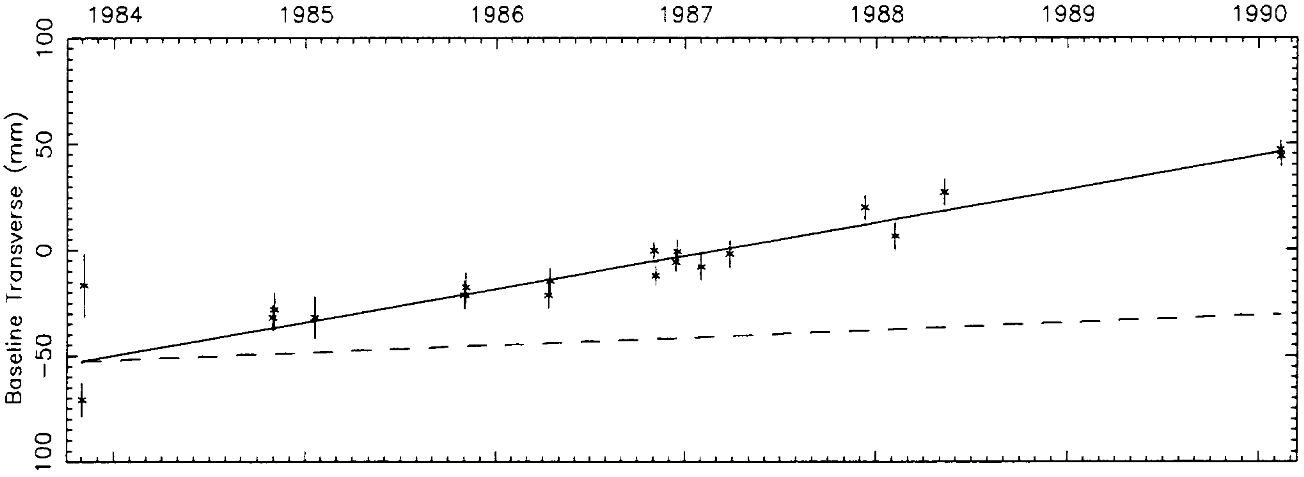
Observed Rate = 17.0 ± 1.0 mm/yr

Wrms of fit = 6.2 mm

Reduced Chi square = 1.38

NUVEL model rate = .0 mm/yr

Weighted mean length = 397781421.9 mm

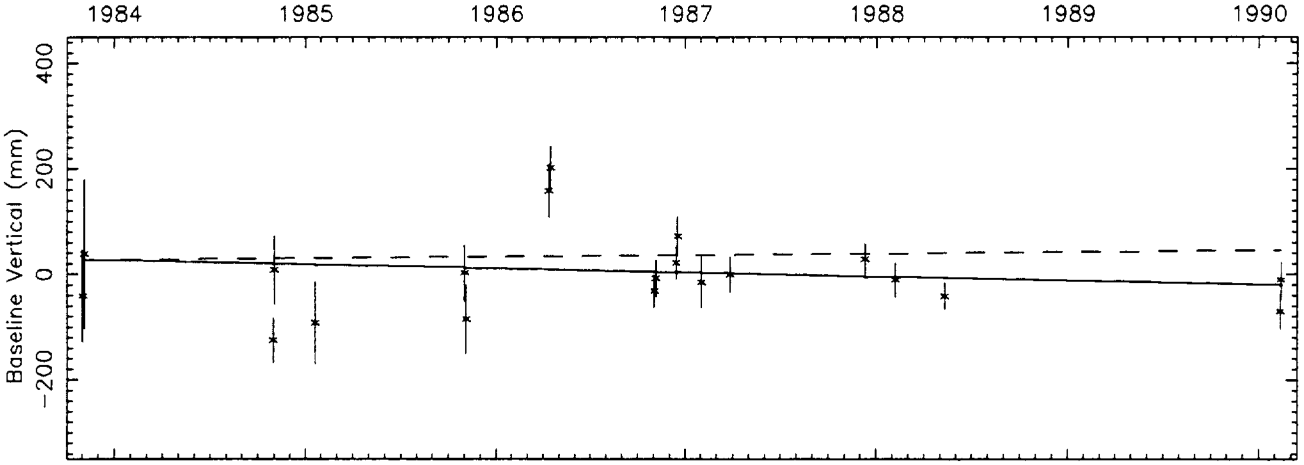


Observed Rate = 15.7 ± 1.0 mm/yr

Wrms of fit = 6.5 mm

Reduced Chi square = 1.46

NUVEL model rate = 3.5 mm/yr



Observed Rate = −7.6 ± 11.0 mm/yr

Wrms of fit = 66.7 mm

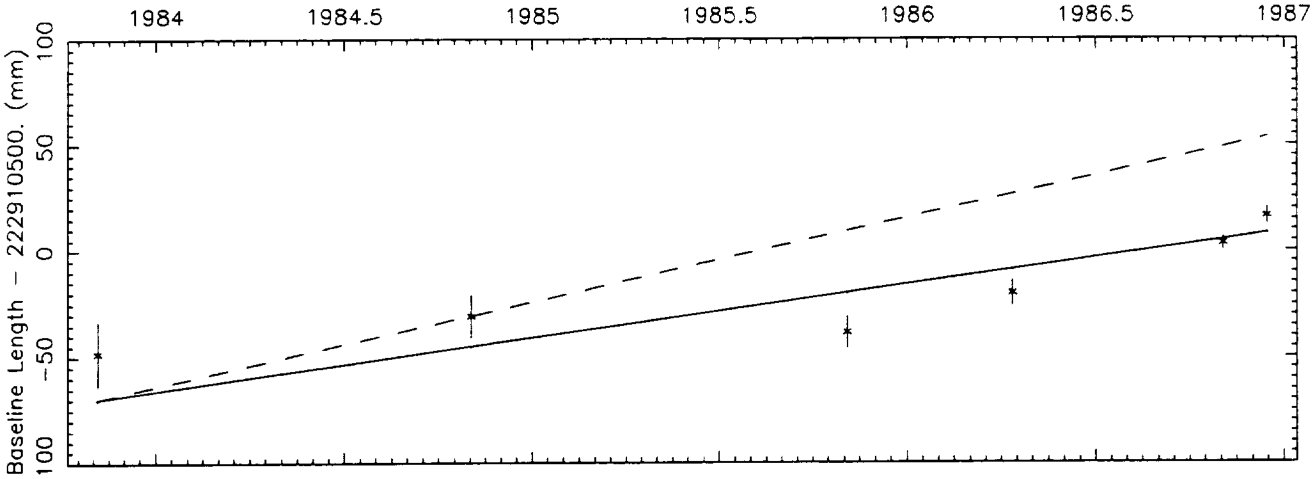
Reduced Chi square = 3.26

NUVEL model rate = 2.9 mm/yr

Vector baseline plots for PINFLATS–YUMA

Baseline length = 223 kilometers

Number of sessions = 6



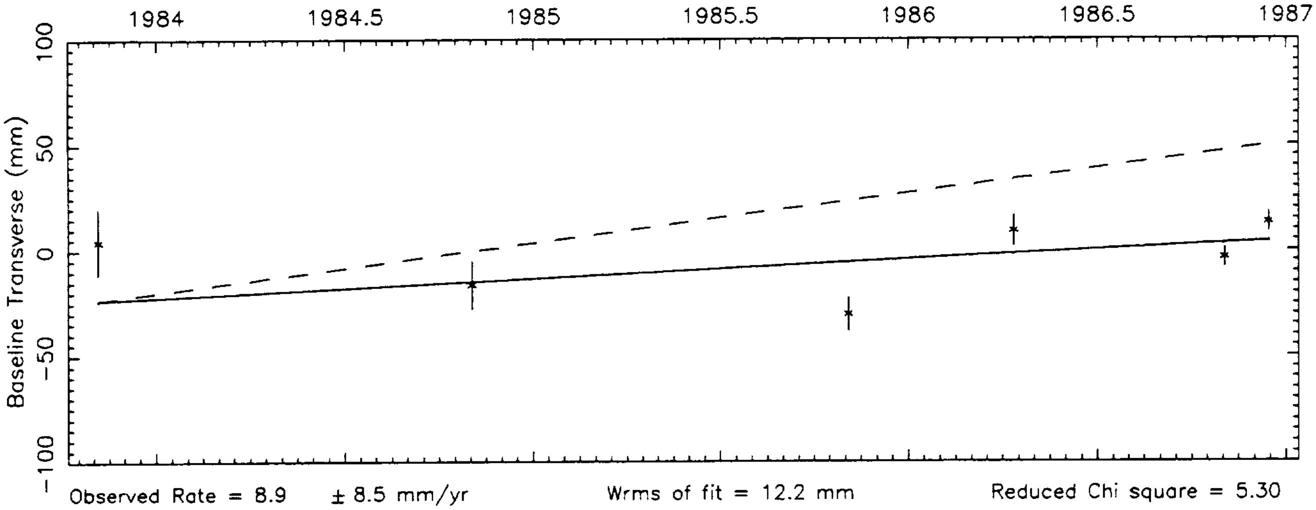
Observed Rate = 25.0 ± 7.2 mm/yr

NUVEL model rate = 39.7 mm/yr

Wrms of fit = 9.1 mm

Weighted mean length = 222910498.3 mm

Reduced Chi square = 4.69

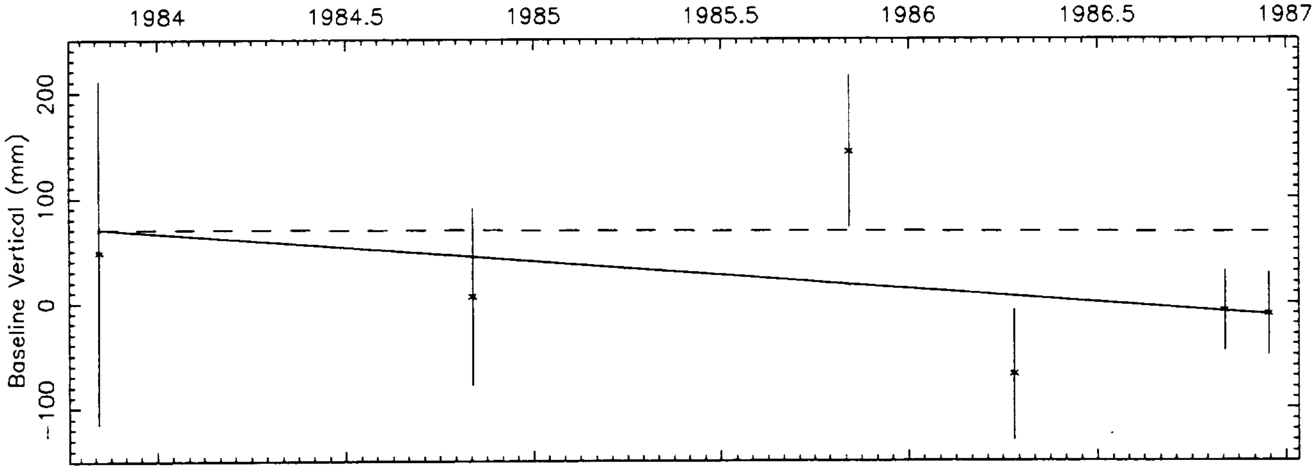


Observed Rate = 8.9 ± 8.5 mm/yr

NUVEL model rate = 23.5 mm/yr

Wrms of fit = 12.2 mm

Reduced Chi square = 5.30



Observed Rate = −26.4 ± 35.1 mm/yr

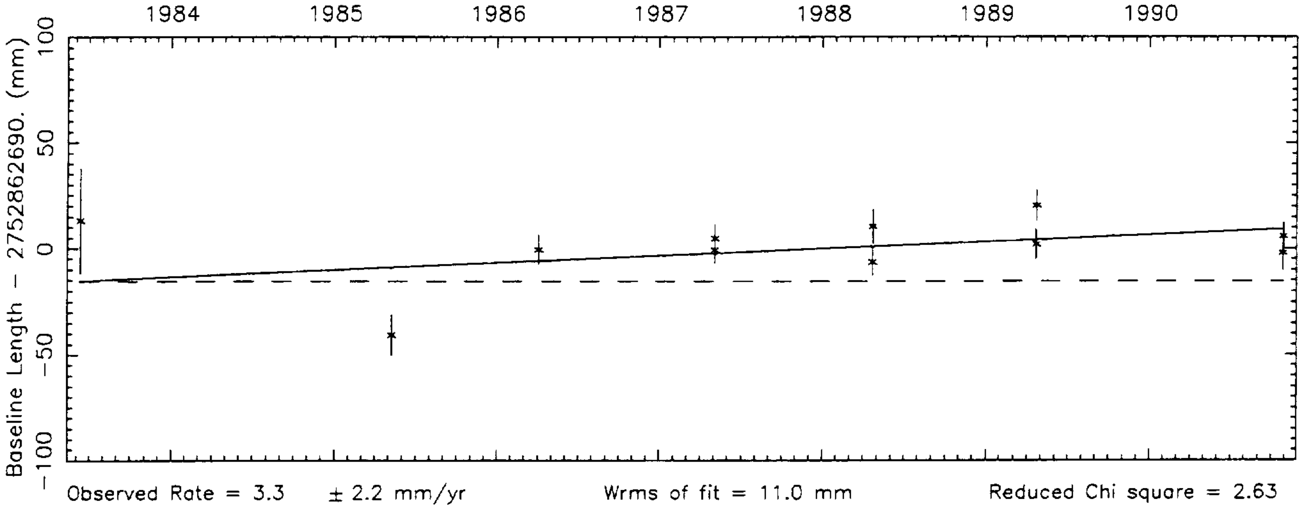
NUVEL model rate = −1.1 mm/yr

Wrms of fit = 49.2 mm

Reduced Chi square = 1.18

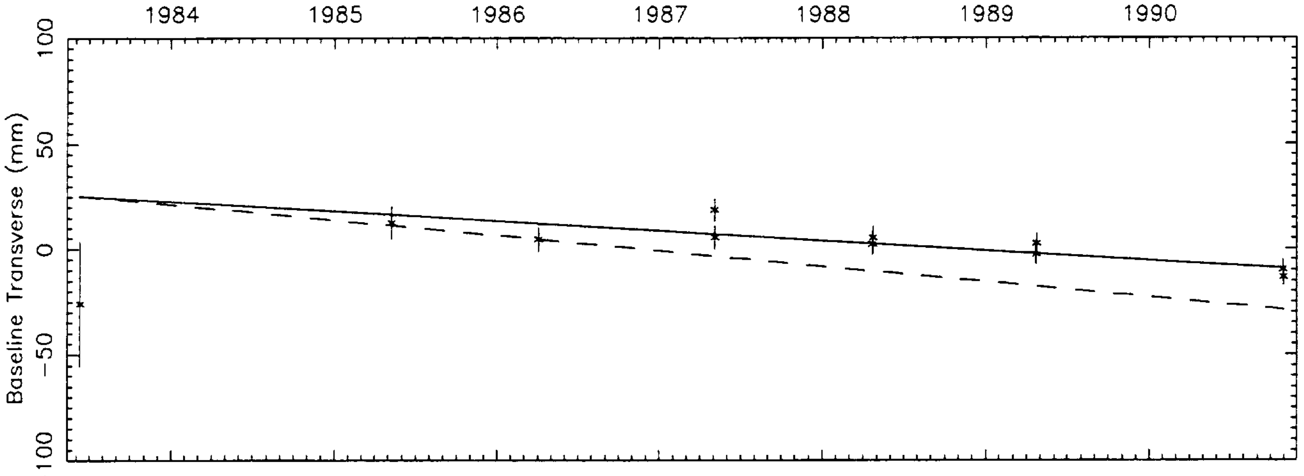
Vector baseline plots for PLATTVIL–WESTFORD

Baseline length = 2753 kilometers   Number of sessions = 11



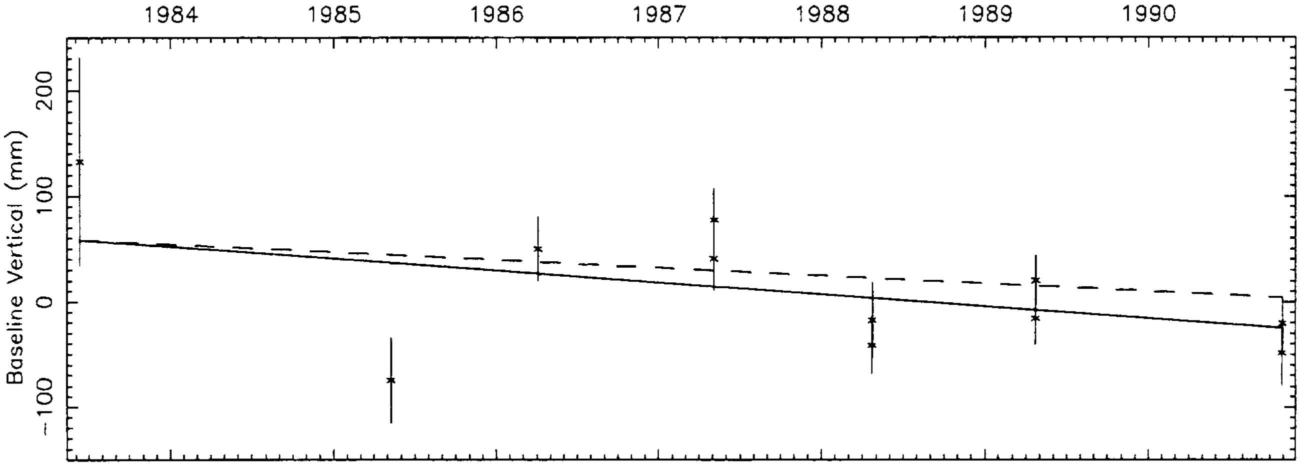
Observed Rate = 3.3 ± 2.2 mm/yr   Wrms of fit = 11.0 mm   Reduced Chi square = 2.63

NUVEL model rate = .0 mm/yr   Weighted mean length = 2752862690.8 mm



Observed Rate = −4.7 ± 1.1 mm/yr   Wrms of fit = 5.6 mm   Reduced Chi square = 1.35

NUVEL model rate = −7.4 mm/yr



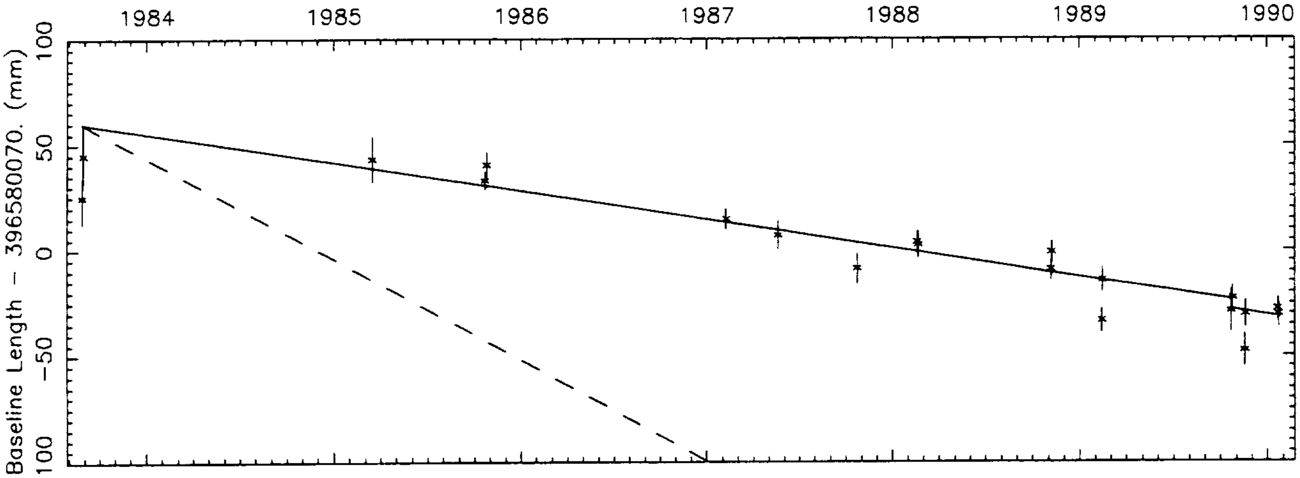
Observed Rate = −11.2 ± 7.9 mm/yr   Wrms of fit = 39.3 mm   Reduced Chi square = 2.10

NUVEL model rate = −7.3 mm/yr

Vector baseline plots for PRESIDIO–VNDNBERG

Baseline length = 397 kilometers

Number of sessions = 20



Observed Rate = −13.6 ± 1.7 mm/yr

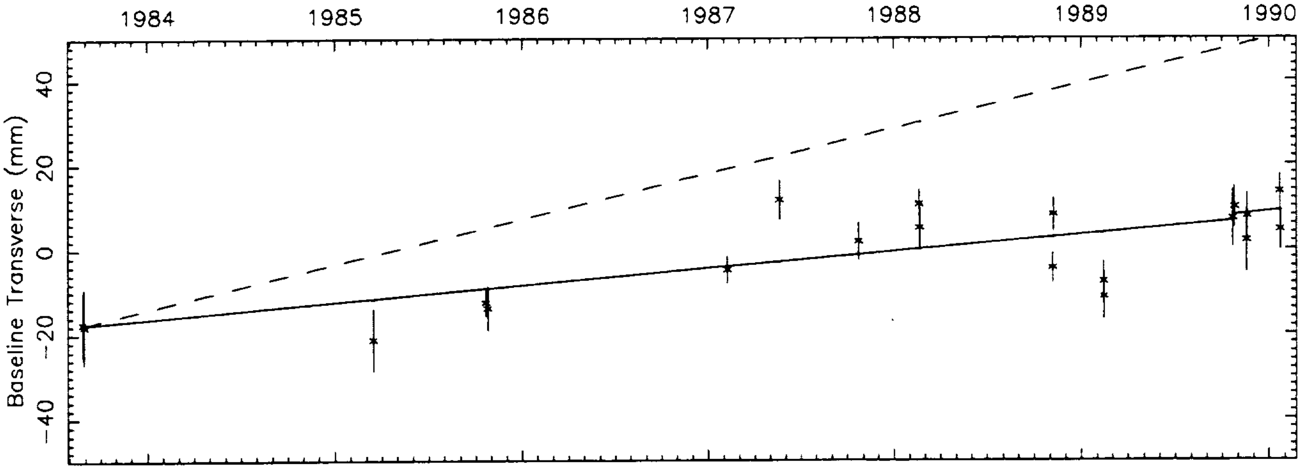
NUVEL model rate = −47.6 mm/yr

Wrms of fit = 8.5 mm

Weighted mean length = 396580066.4 mm

Offset = −4.6 ± 6.1 mm

Reduced Chi square = 2.34



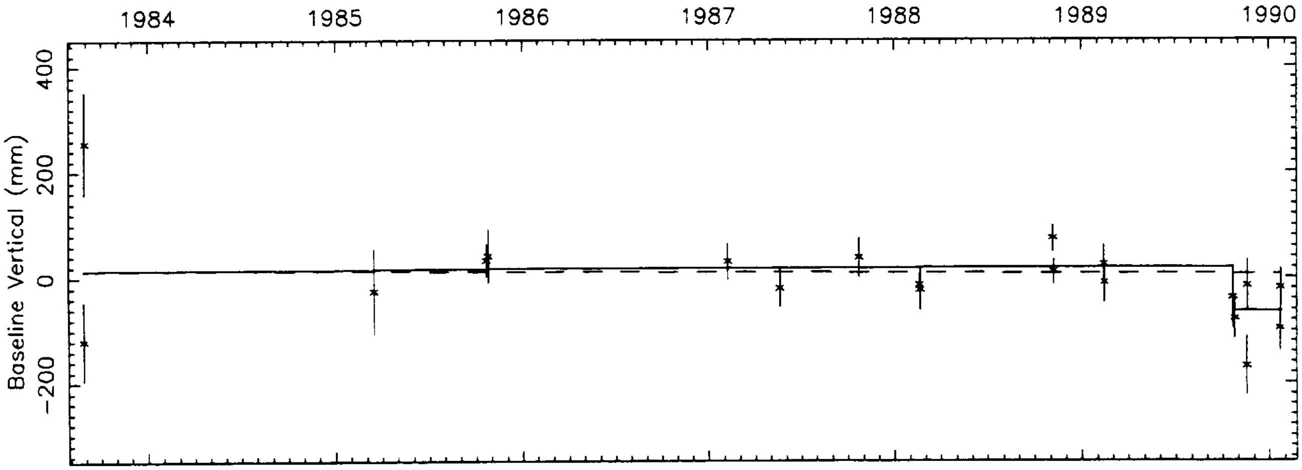
Observed Rate = 3.9 ± 1.4 mm/yr

NUVEL model rate = 10.6 mm/yr

Wrms of fit = 7.1 mm

Offset = 1.3 ± 5.3 mm

Reduced Chi square = 2.89



Observed Rate = .8 ± 9.3 mm/yr

NUVEL model rate = −1.2 mm/yr

Wrms of fit = 43.5 mm

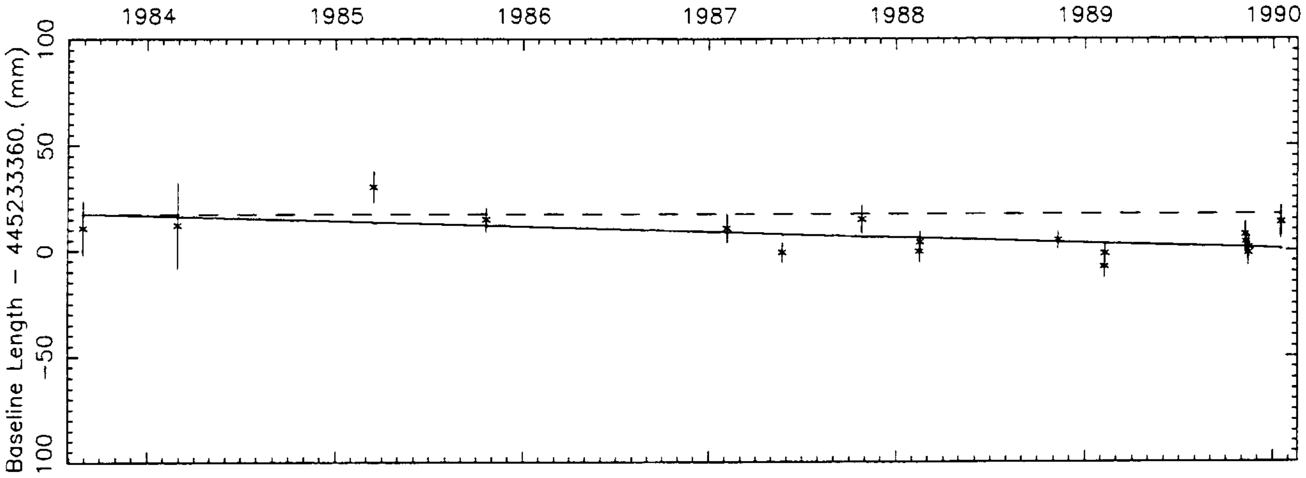
Offset = −82.8 ± 32.1 mm

Reduced Chi square = 1.61

Vector baseline plots for PT REYES−VNDNBERG

Baseline length = 445 kilometers

Number of sessions = 18



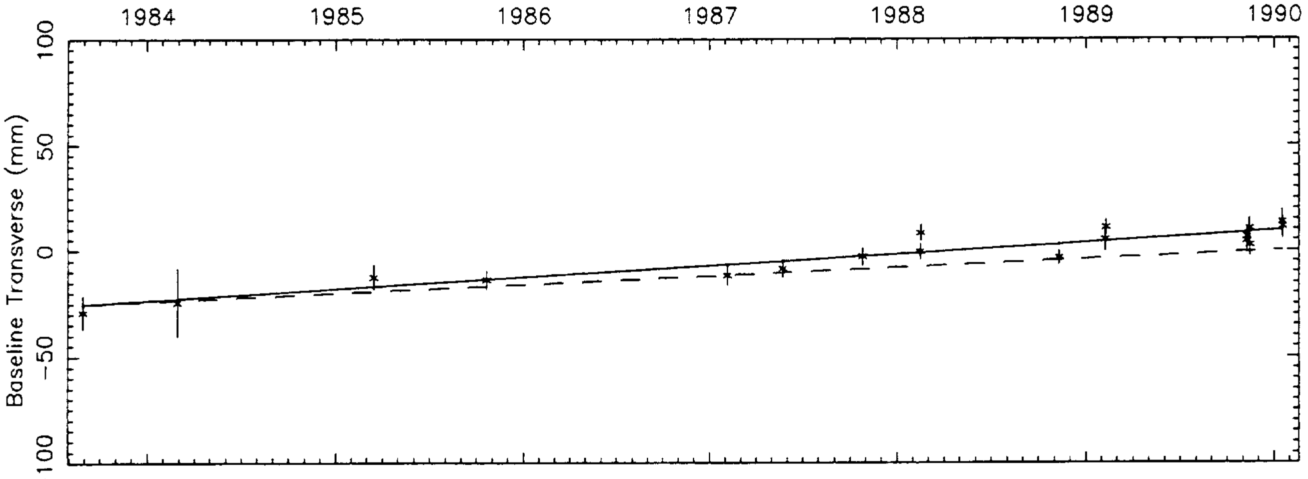
Observed Rate = −2.6 ± 1.2 mm/yr

Wrms of fit = 7.0 mm

Reduced Chi square = 1.61

NUVEL model rate = .0 mm/yr

Weighted mean length = 445233364.7 mm

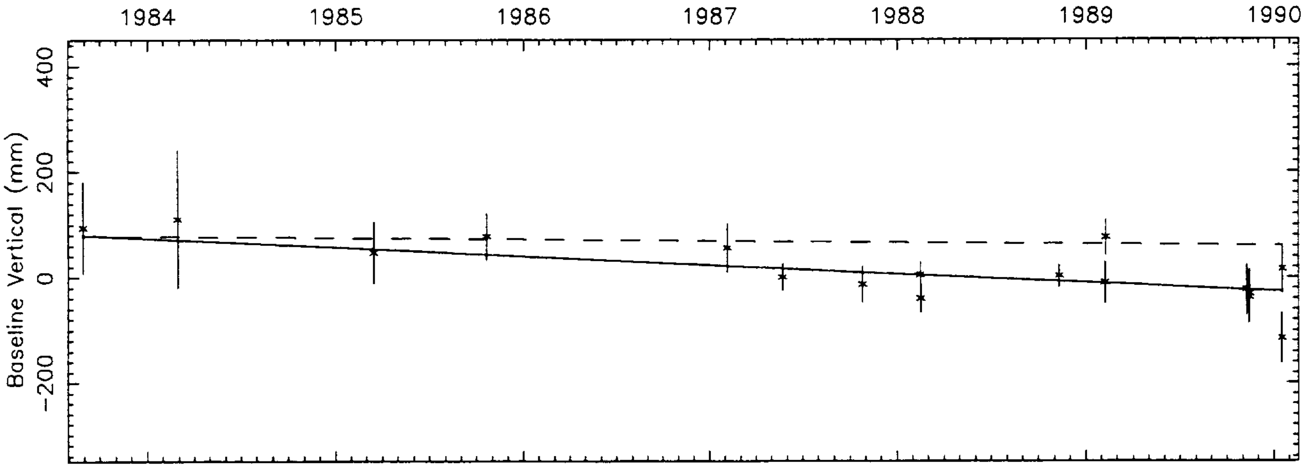


Observed Rate = 5.4 ± .8 mm/yr

Wrms of fit = 4.7 mm

Reduced Chi square = 1.12

NUVEL model rate = 4.0 mm/yr



Observed Rate = −16.8 ± 7.0 mm/yr

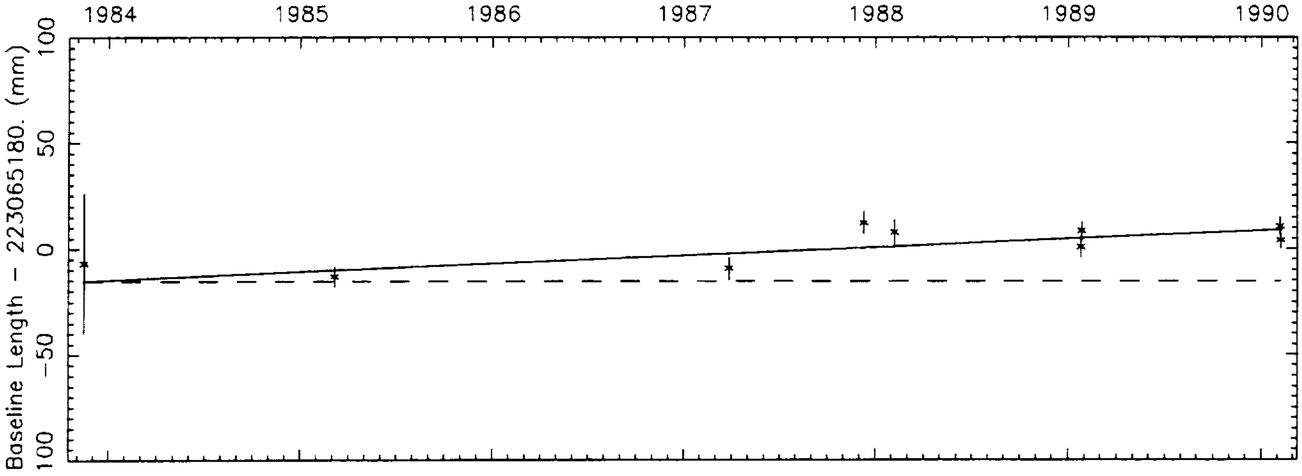
Wrms of fit = 35.1 mm

Reduced Chi square = 1.05

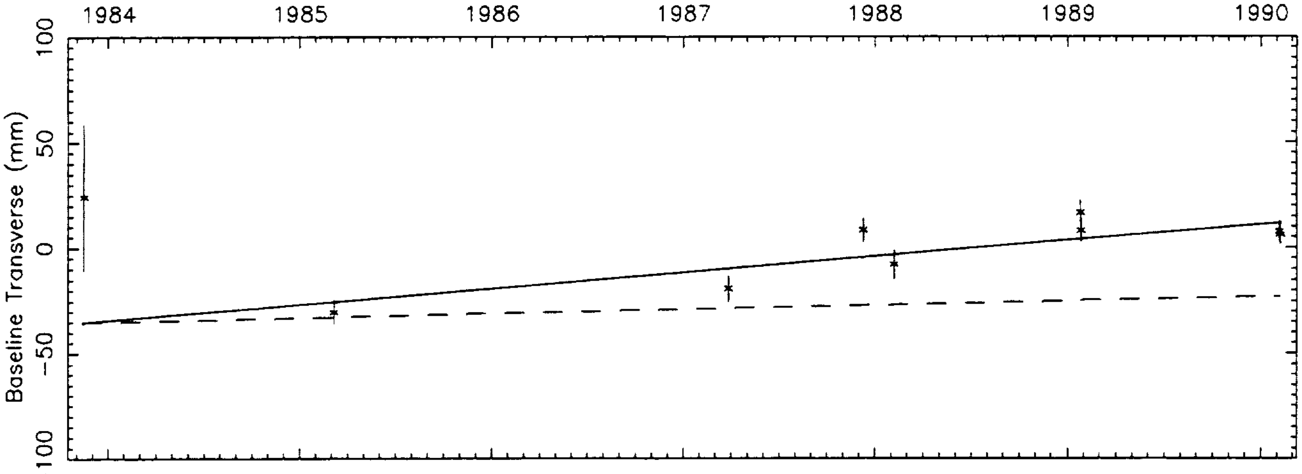
NUVEL model rate = −2.9 mm/yr

Vector baseline plots for PVERDES −VNDNBERG

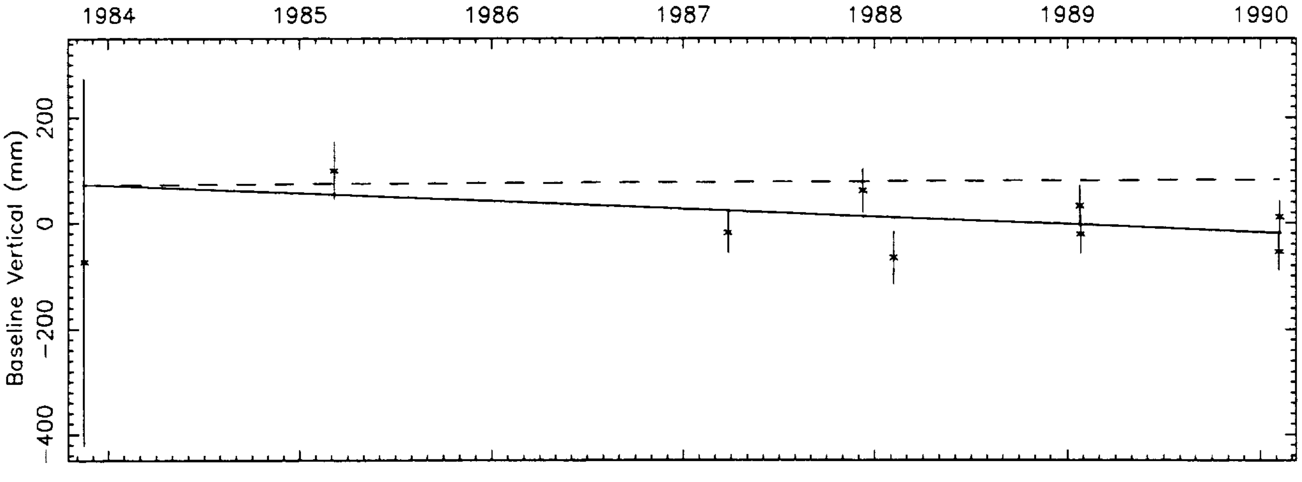
Baseline length = 223 kilometers   Number of sessions = 9



Observed Rate = 3.9 ± 1.3 mm/yr   Wrms of fit = 5.7 mm   Reduced Chi square = 1.62
NUVEL model rate = .0 mm/yr   Weighted mean length = 223065182.8 mm



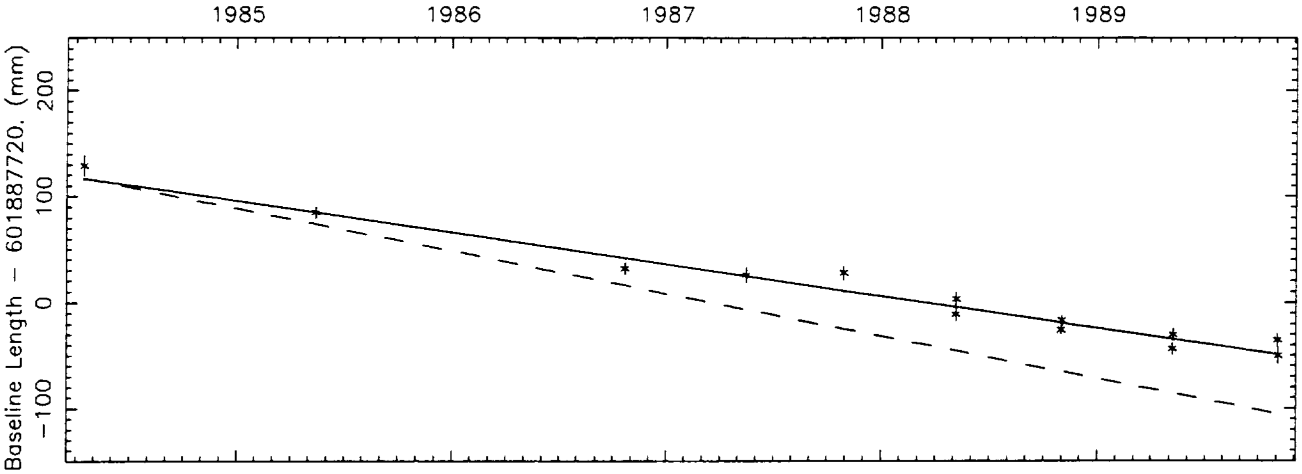
Observed Rate = 7.5 ± 2.0 mm/yr   Wrms of fit = 8.5 mm   Reduced Chi square = 2.72
NUVEL model rate = 2.0 mm/yr



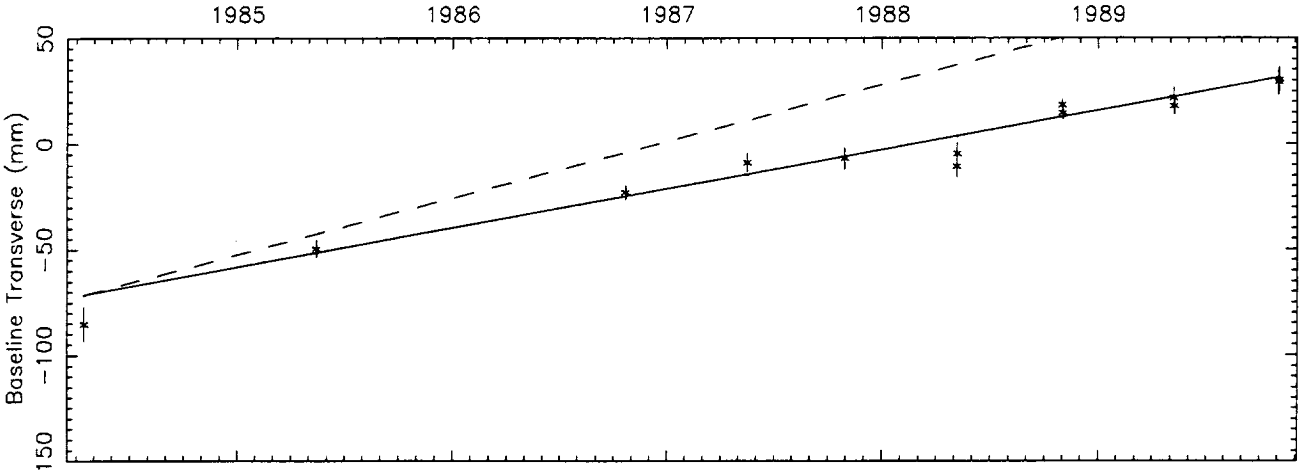
Observed Rate = −14.7 ± 11.2 mm/yr   Wrms of fit = 41.0 mm   Reduced Chi square = 1.27
NUVEL model rate = 1.7 mm/yr

Vector baseline plots for QUINCY -VNDNBERG

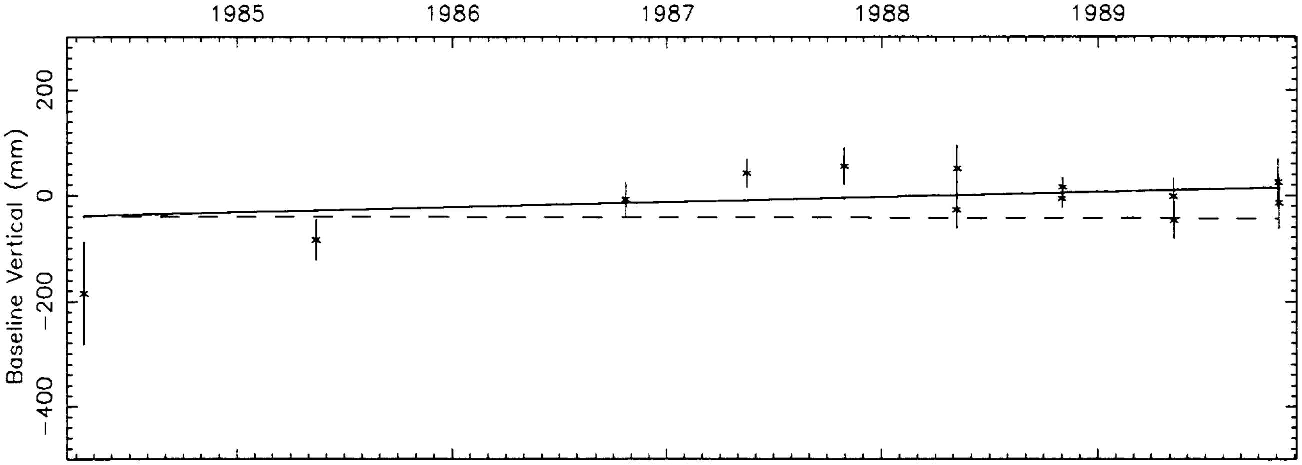
Baseline length = 602 kilometers Number of sessions = 13



Observed Rate = -29.9 ± 1.8 mm/yr Wrms of fit = 8.0 mm Reduced Chi square = 2.31
NUVEL model rate = -40.1 mm/yr Weighted mean length = 601887717.8 mm



Observed Rate = 18.5 ± 1.2 mm/yr Wrms of fit = 5.4 mm Reduced Chi square = 1.92
NUVEL model rate = 26.8 mm/yr

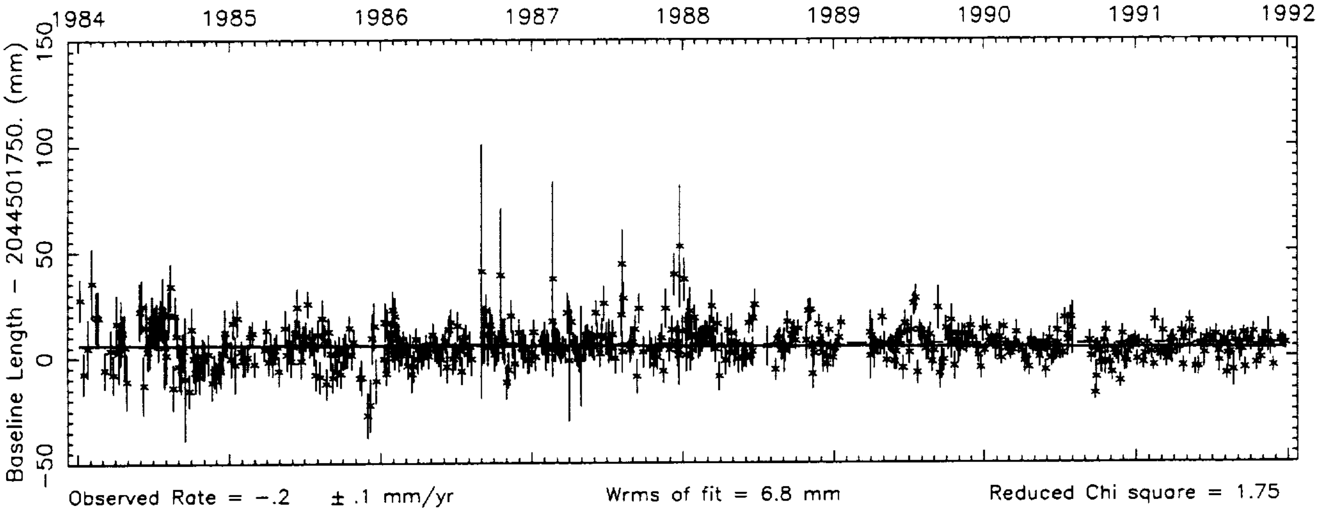


Observed Rate = 9.7 ± 9.6 mm/yr Wrms of fit = 34.7 mm Reduced Chi square = 1.51
NUVEL model rate = -.7 mm/yr

Vector baseline plots for RICHMOND–WESTFORD

Baseline length = 2045 kilometers

Number of sessions = 529



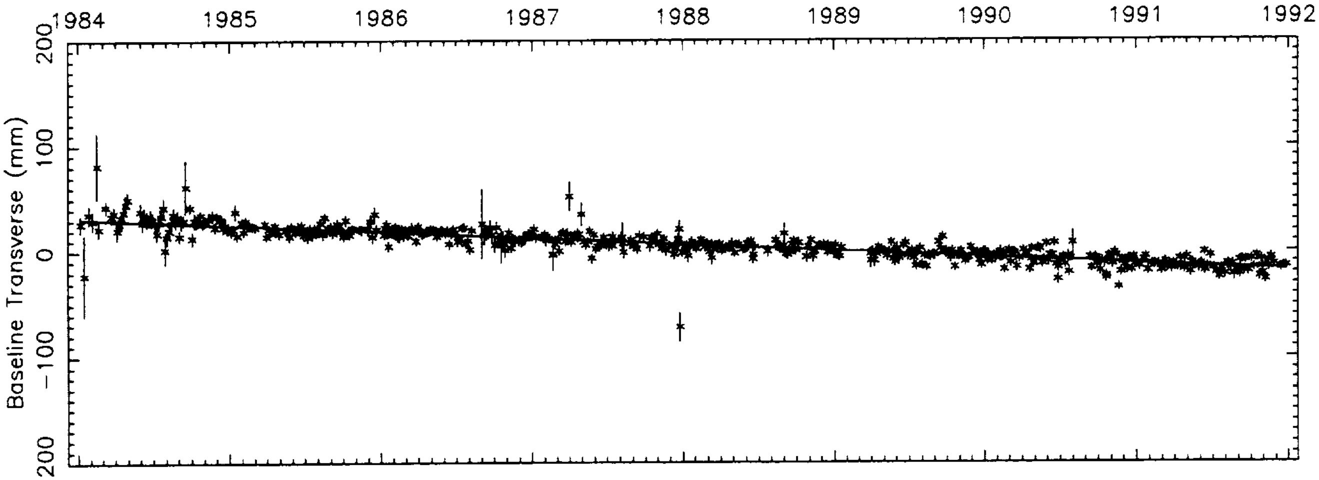
Observed Rate = −.2 ± .1 mm/yr

NUVEL model rate = .0 mm/yr

Wrms of fit = 6.8 mm

Weighted mean length = 2044501754.7 mm

Reduced Chi square = 1.75

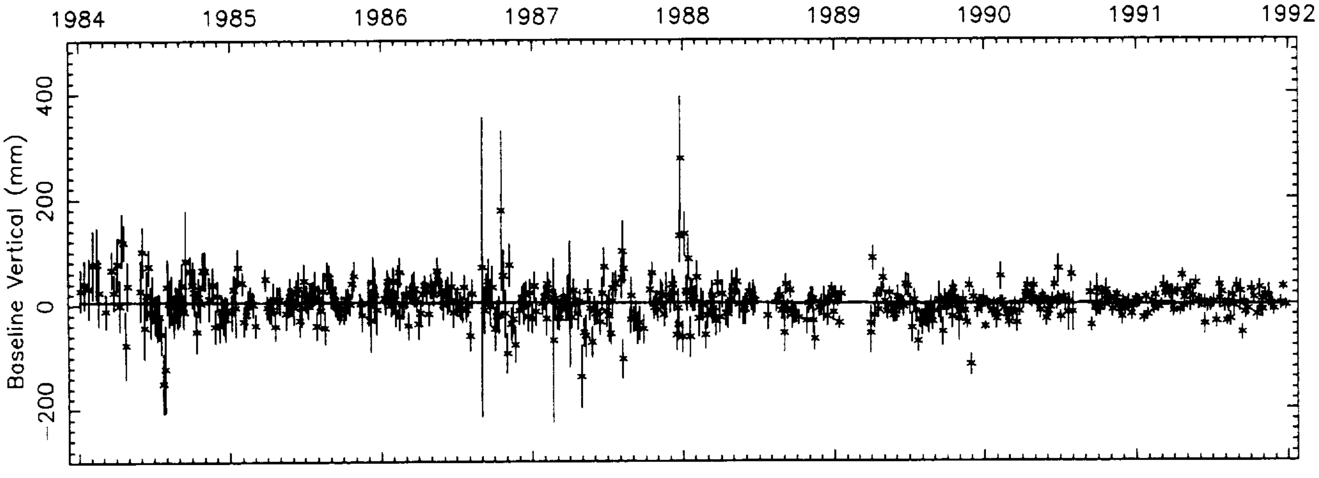


Observed Rate = −6.1 ± .1 mm/yr

NUVEL model rate = −6.1 mm/yr

Wrms of fit = 5.5 mm

Reduced Chi square = 2.51



Observed Rate = −1.0 ± .5 mm/yr

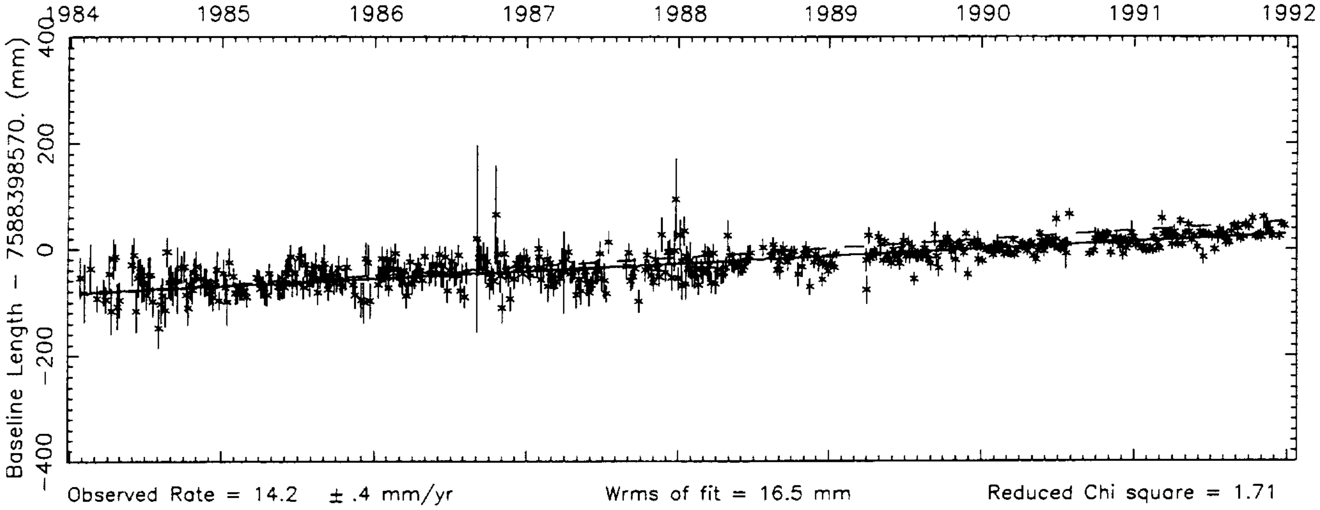
NUVEL model rate = −.6 mm/yr

Wrms of fit = 23.7 mm

Reduced Chi square = 1.74

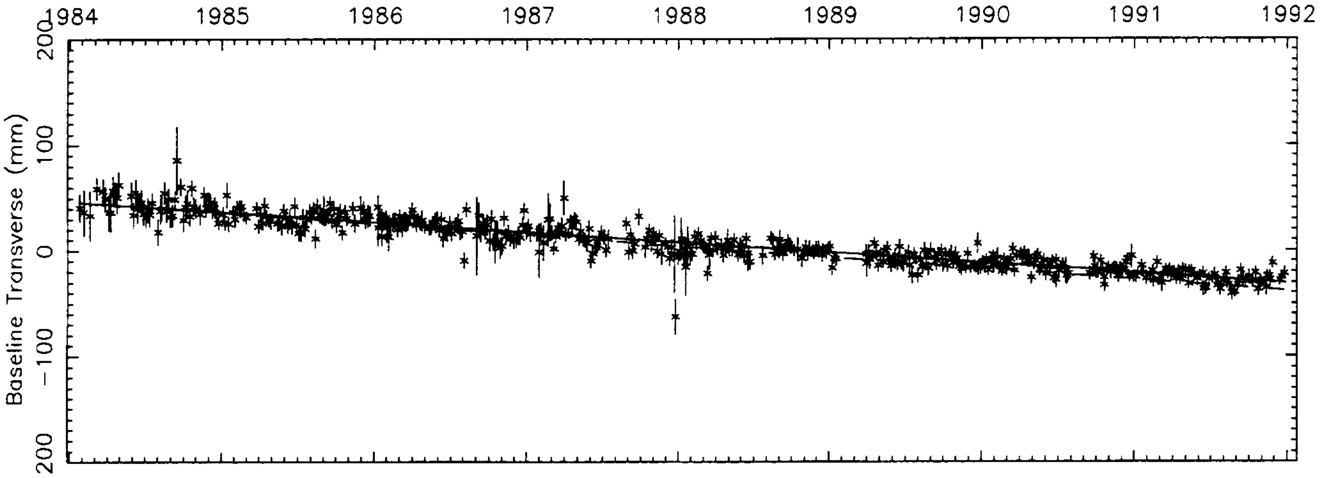
Vector baseline plots for RICHMOND—WETTZELL

Baseline length = 7588 kilometers Number of sessions = 504



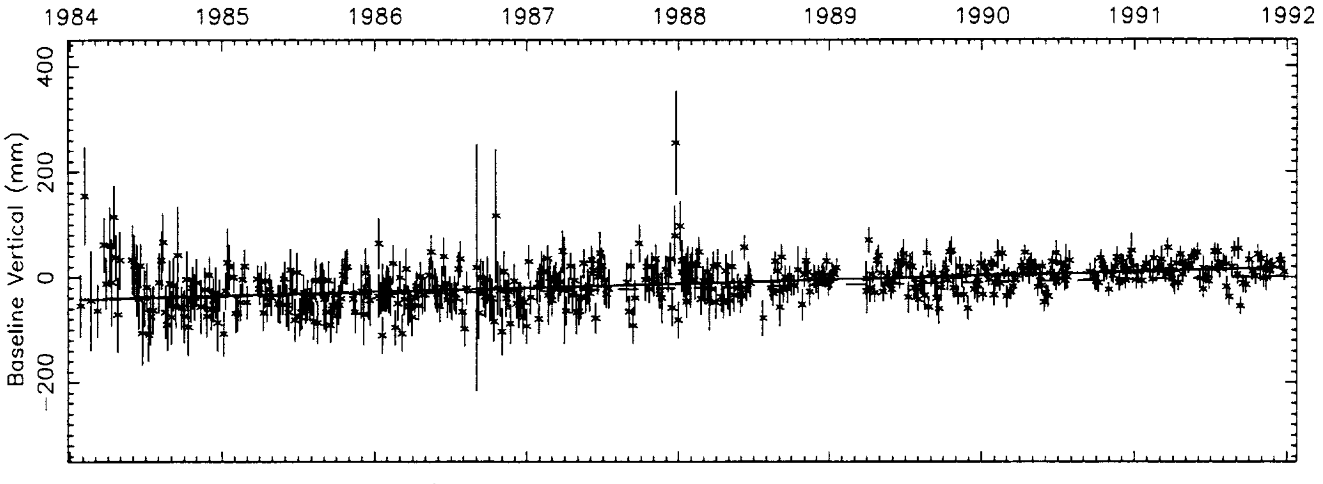
Observed Rate = 14.2 ± .4 mm/yr Wrms of fit = 16.5 mm Reduced Chi square = 1.71

NUVEL model rate = 17.1 mm/yr Weighted mean length = 7588398566.9 mm



Observed Rate = −9.7 ± .2 mm/yr Wrms of fit = 7.3 mm Reduced Chi square = 1.17

NUVEL model rate = −10.6 mm/yr

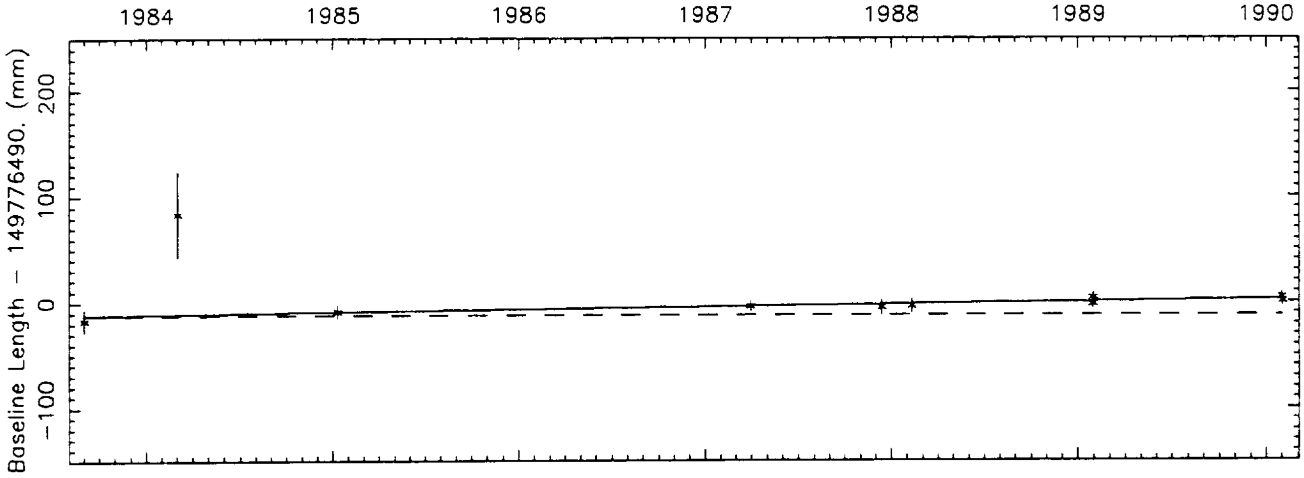


Observed Rate = 7.7 ± .6 mm/yr Wrms of fit = 26.1 mm Reduced Chi square = 1.36

NUVEL model rate = 5.5 mm/yr

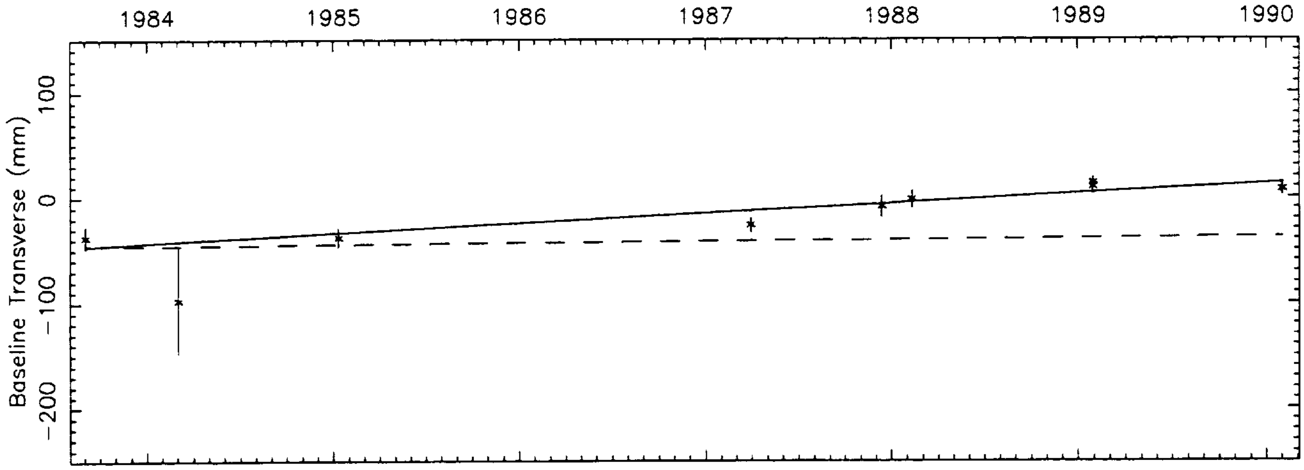
Vector baseline plots for SANPAULA–VNDNBERG

Baseline length = 150 kilometers Number of sessions = 10



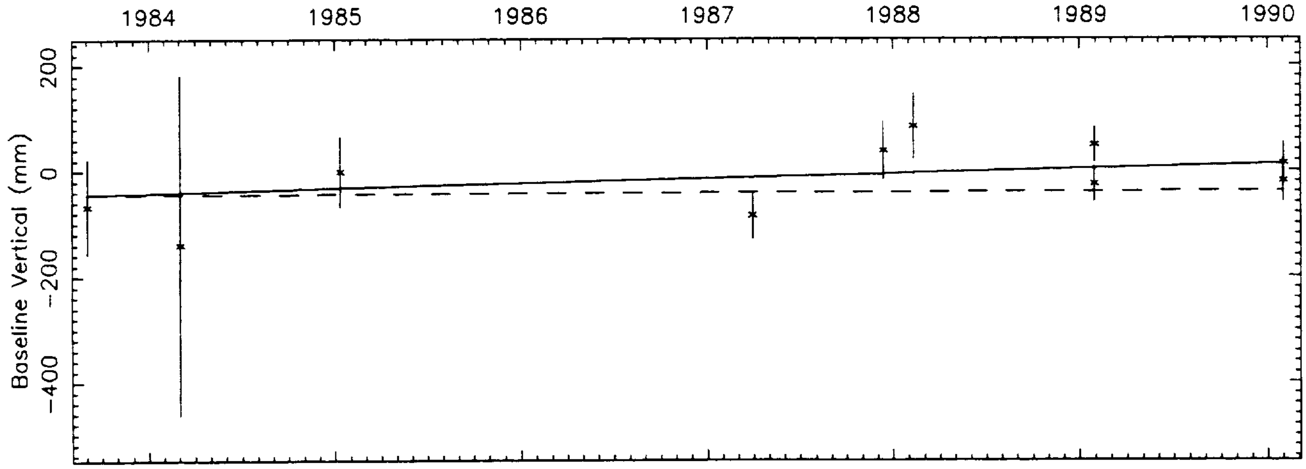
Observed Rate = 2.2 ± 1.0 mm/yr Wrms of fit = 4.5 mm Reduced Chi square = .97

NUVEL model rate = .0 mm/yr Weighted mean length = 149776488.8 mm



Observed Rate = 9.2 ± 1.7 mm/yr Wrms of fit = 8.0 mm Reduced Chi square = 1.95

NUVEL model rate = 1.3 mm/yr



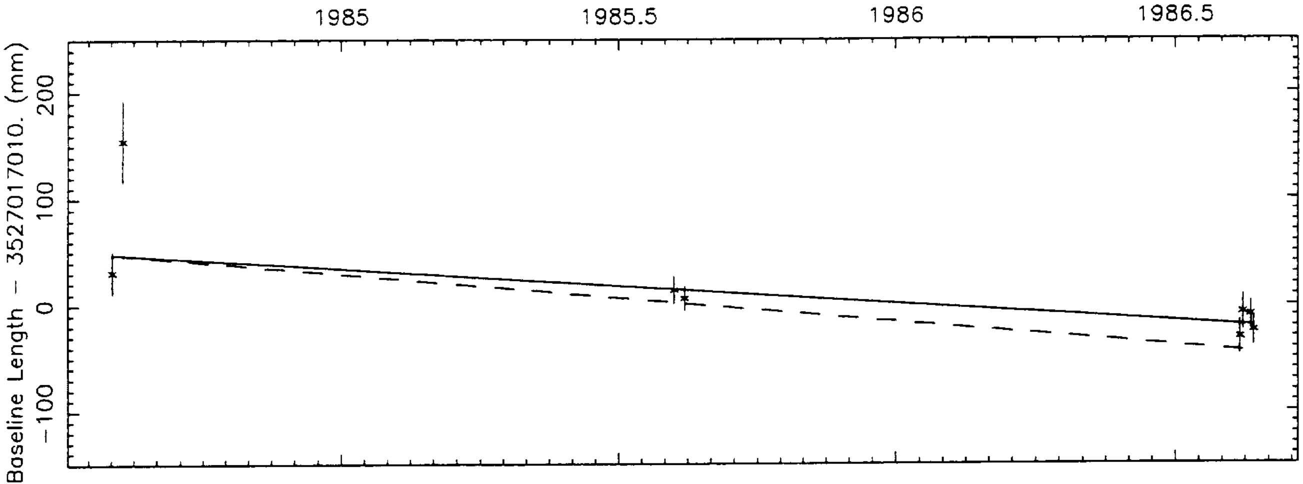
Observed Rate = 9.1 ± 10.5 mm/yr Wrms of fit = 44.7 mm Reduced Chi square = 1.15

NUVEL model rate = 1.1 mm/yr

Vector baseline plots for SOURDOGH–VNDNBERG

Baseline length = 3527 kilometers

Number of sessions = 8



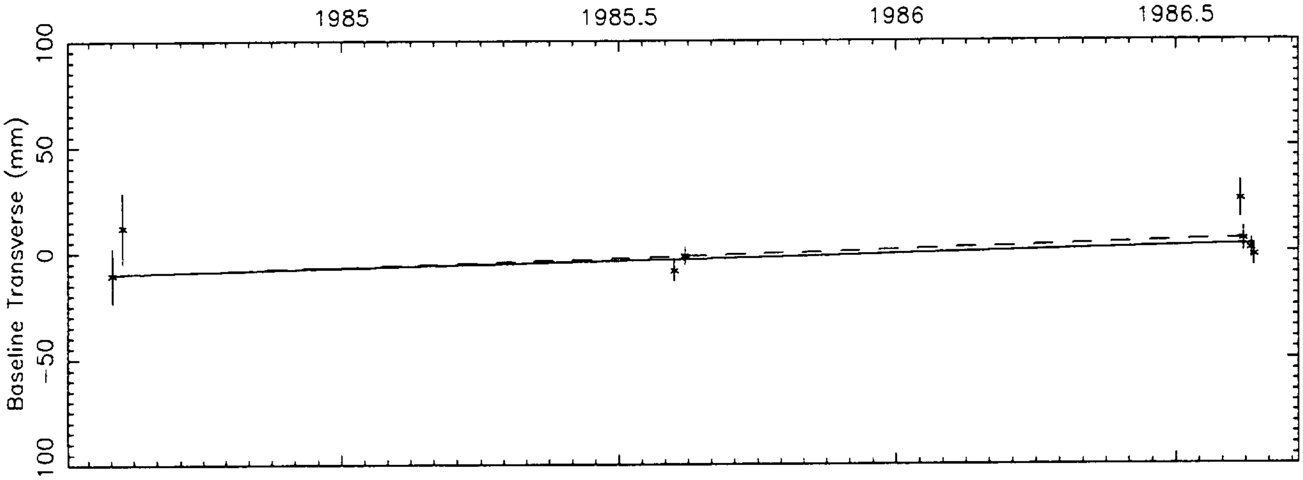
Observed Rate = –33.2 ± 10.7 mm/yr

NUVEL model rate = –45.2 mm/yr

Wrms of fit = 17.5 mm

Weighted mean length = 3527017009.3 mm

Reduced Chi square = 1.82

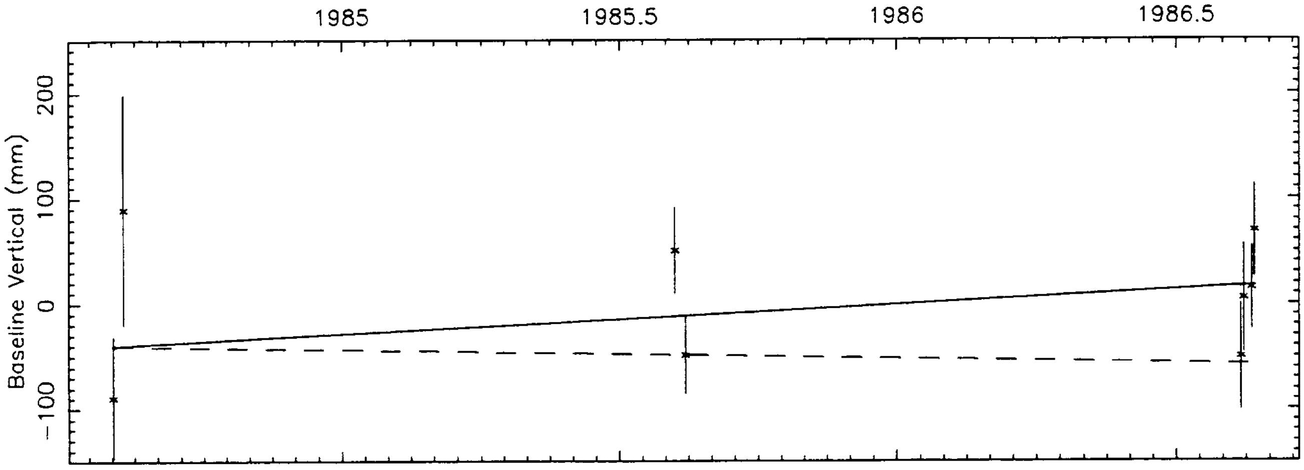


Observed Rate = 6.6 ± 4.7 mm/yr

NUVEL model rate = 8.0 mm/yr

Wrms of fit = 6.7 mm

Reduced Chi square = 1.73



Observed Rate = 27.6 ± 29.0 mm/yr

NUVEL model rate = –8.5 mm/yr

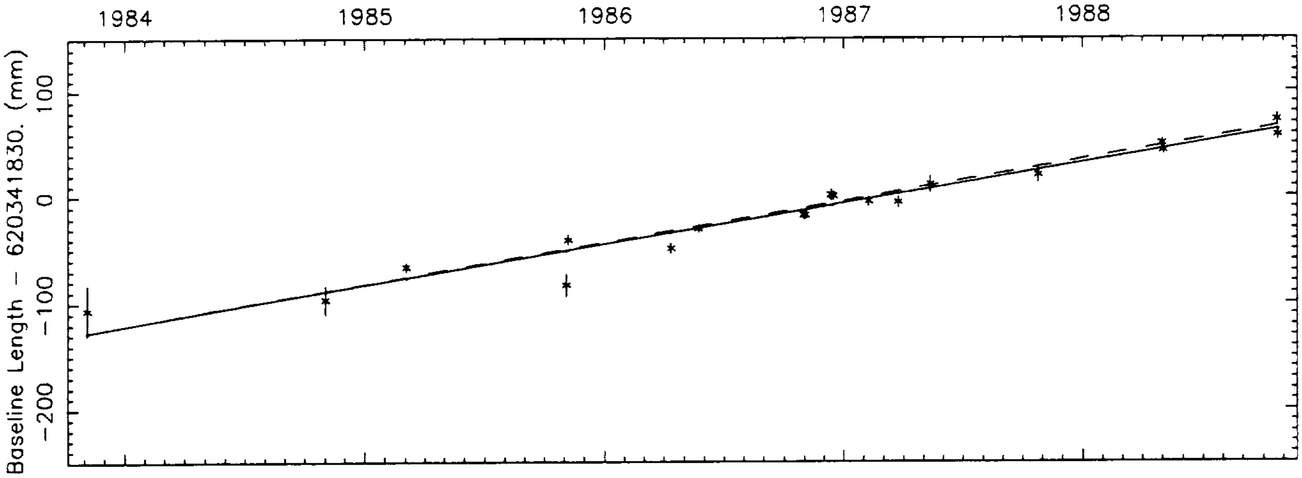
Wrms of fit = 48.7 mm

Reduced Chi square = 1.46

Vector baseline plots for VNDNBERG—YUMA

Baseline length = 620 kilometers

Number of sessions = 19



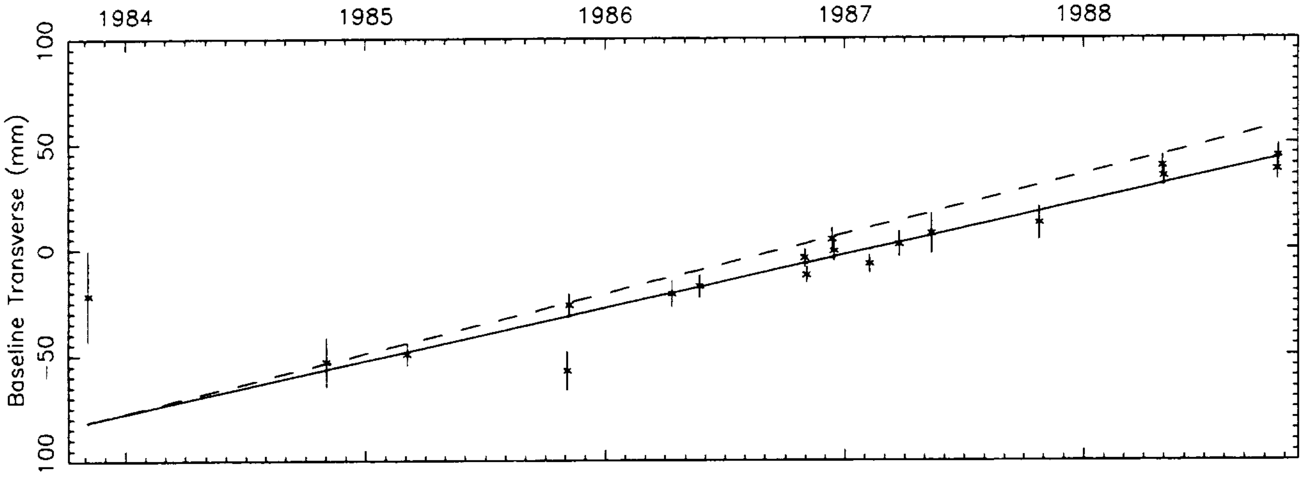
Observed Rate = 38.3 ± 1.8 mm/yr

NUVEL model rate = 39.0 mm/yr

Wrms of fit = 7.5 mm

Weighted mean length = 620341828.1 mm

Reduced Chi square = 3.01

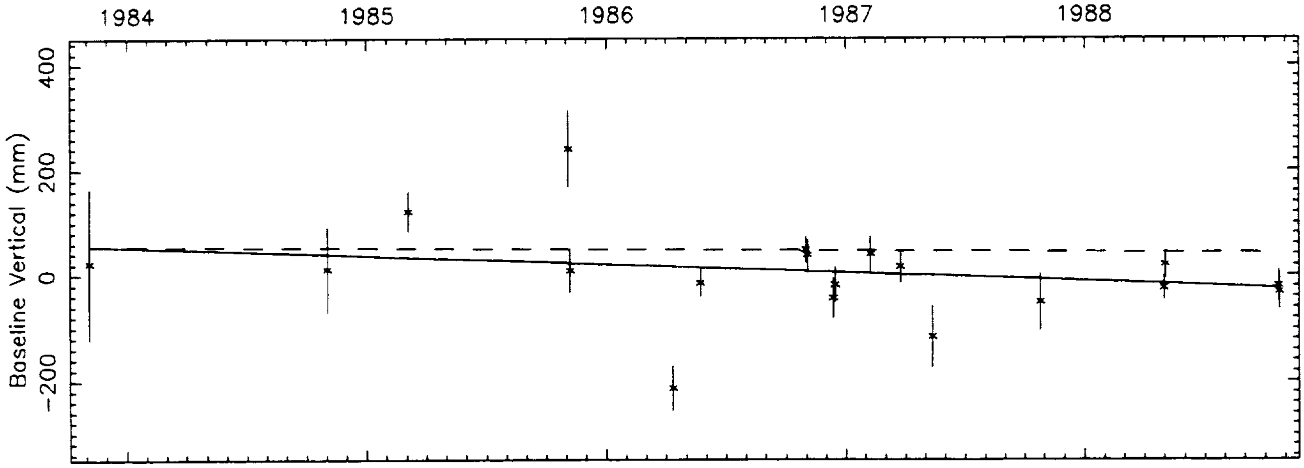


Observed Rate = 25.0 ± 1.6 mm/yr

NUVEL model rate = 28.1 mm/yr

Wrms of fit = 6.8 mm

Reduced Chi square = 1.79



Observed Rate = −16.0 ± 14.1 mm/yr

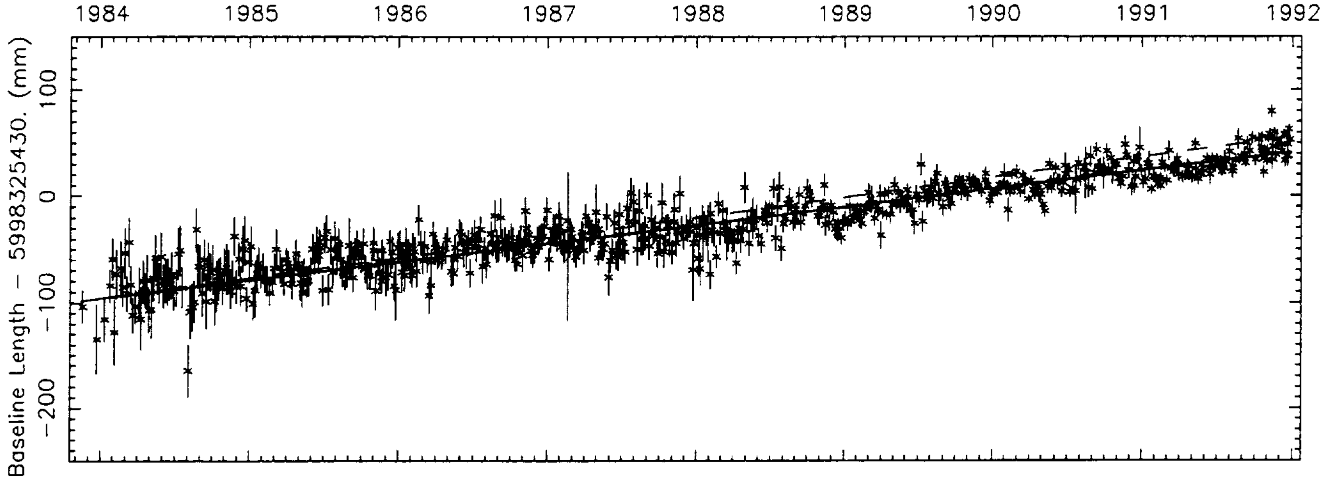
NUVEL model rate = −2.6 mm/yr

Wrms of fit = 60.5 mm

Reduced Chi square = 3.51

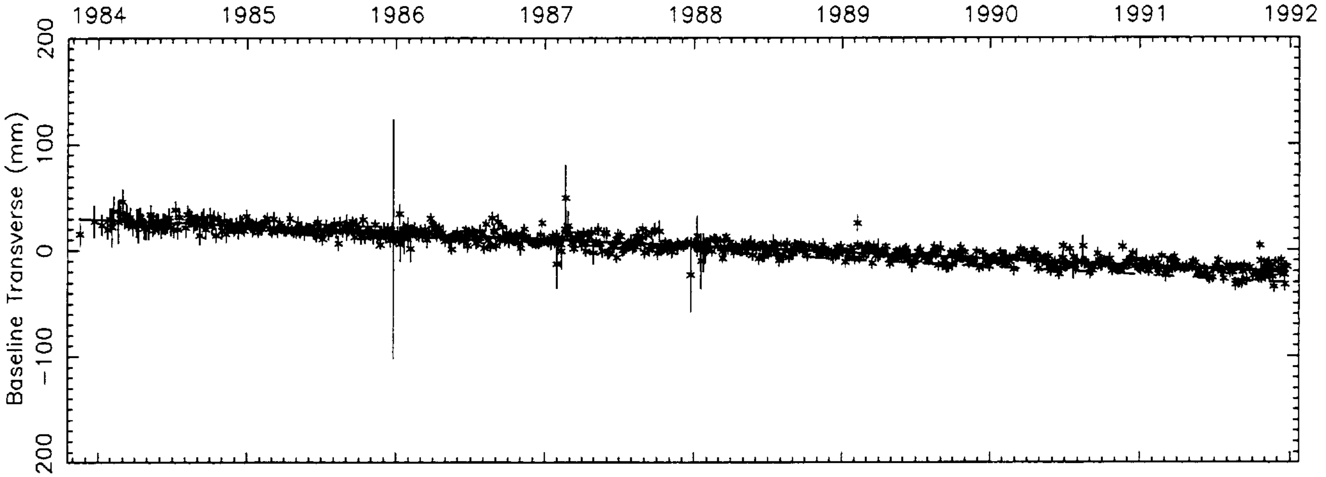
Vector baseline plots for WESTFORD–WETTZELL

Baseline length = 5998 kilometers Number of sessions = 659



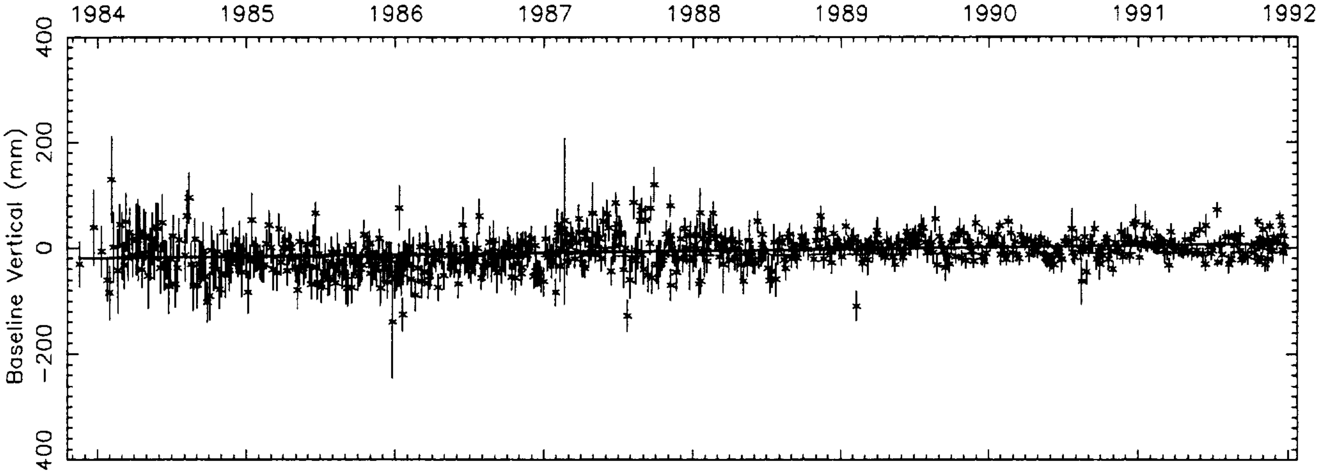
Observed Rate = 17.2 ± .2 mm/yr Wrms of fit = 11.0 mm Reduced Chi square = 2.23

NUVEL model rate = 18.9 mm/yr Weighted mean length = 5998325433.8 mm



Observed Rate = –6.3 ± .1 mm/yr Wrms of fit = 5.5 mm Reduced Chi square = 1.11

NUVEL model rate = –7.5 mm/yr



Observed Rate = 3.4 ± .5 mm/yr Wrms of fit = 24.2 mm Reduced Chi square = 1.71

NUVEL model rate = 1.4 mm/yr

Table 7.202

Baseline summary for ALGOPARK-HRAS 085

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
84 8 25	2787141066.7	-.2	7.4	27.1	-6.7	5.1	-67.2	-56.6	29.9
84 8 29	2787141072.7	5.8	6.4	38.7	5.0	3.2	-3.1	7.5	25.3
85 8 25	2787141073.8	6.9	5.9	29.2	-4.6	3.0	-41.2	-30.6	24.2
85 8 29	2787141033.9	-33.0	16.0	37.9	4.2	16.0	126.5	137.1	63.4
85 9 5	2787141053.3	-13.6	8.1	40.7	6.9	5.0	61.9	72.5	32.3

Table 7.203

Baseline summary for ALGOPARK-KAUAI

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 6 27	7192645459.6	-8.7	14.9	219.1	-36.9	6.4	128.3	-94.3	23.0
90 7 6	7192645465.9	-2.4	17.4	223.2	-32.9	8.5	242.8	20.1	27.4
90 7 18	7192645503.1	34.8	20.9	221.0	-35.1	8.1	209.2	-13.4	32.5
90 8 1	7192645487.5	19.2	12.3	234.2	-21.8	6.6	232.4	9.7	21.6
91 6 12	7192645456.9	-11.5	15.7	274.1	18.1	6.4	247.0	24.4	24.0
91 7 17	7192645463.0	-5.3	15.3	294.6	38.5	6.3	242.7	20.0	24.3
91 8 7	7192645434.8	-33.5	19.4	294.1	38.0	6.3	274.7	52.0	27.9

Table 7.204

Baseline summary for ALGOPARK-KODIAK

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 6 30	4887785376.9	-6.9	15.2	50.9	-5.9	6.0	101.3	4.0	34.4
90 7 1	4887785381.8	-2.1	14.3	56.9	.1	5.6	92.7	-4.6	32.8
90 7 3	4887785395.1	11.3	16.7	62.8	6.0	6.2	98.6	1.3	38.5

Table 7.205

Baseline summary for ALGOPARK-MATERA

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 6 12	6854842903.6	6.8	15.4	51.3	10.5	6.5	-101.3	-18.7	23.2
91 7 17	6854842898.5	1.7	13.3	39.3	-1.5	5.7	-80.6	2.0	20.5
91 8 7	6854842884.0	-12.8	18.2	33.4	-7.4	6.0	-58.1	24.5	28.5

Table 7.206

Baseline summary for ALGOPARK-HRAO85 3

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 6 27	848030629.4	-.5	4.4	.8	1.5	4.8	-73.5	-30.9	20.6
90 7 6	848030634.9	5.0	6.8	-10.5	-9.9	6.5	-20.6	22.0	25.8
90 7 18	848030636.5	6.5	6.8	7.6	8.2	5.4	-48.7	-6.1	33.5
90 8 1	848030623.4	-6.5	4.7	-1.4	-.8	4.4	-2.2	40.3	20.0
91 6 12	848030632.3	2.4	5.0	-4.7	-4.0	4.0	-27.7	14.9	23.4
91 7 17	848030632.8	2.8	4.2	3.5	4.2	3.2	-65.2	-22.7	19.0
91 8 7	848030625.1	-4.8	5.0	-4.5	-3.9	4.1	-58.9	-16.3	28.1

Table 7.207

Baseline summary for ALGOPARK-RICHMOND

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
90	7	2	2254545234.5	-4.2	4.8	-4.2	8.6	3.1	-2.2	-3.3	16.7
90	7	7	2254545239.6	.9	4.2	-6.3	6.5	2.7	3.6	2.5	14.7
90	7	17	2254545236.3	-2.4	6.3	-7.7	5.1	4.5	23.8	22.7	21.2
90	7	18	2254545251.9	13.2	9.7	1.4	14.2	5.8	14.8	13.8	36.1
90	7	22	2254545243.0	4.3	5.0	-15.4	-2.6	3.4	-9.6	-10.7	18.0
90	7	27	2254545259.6	20.9	5.7	-10.8	2.0	3.8	-63.6	-64.7	19.4
90	7	31	2254545248.2	9.5	12.1	1.3	14.1	12.4	17.9	16.9	37.8
91	6	11	2254545239.8	1.1	5.0	-3.3	9.5	3.2	5.4	4.3	19.5
91	6	18	2254545232.5	-6.2	4.6	-15.2	-2.4	3.0	-5.0	-6.0	16.9
91	6	25	2254545243.1	4.4	4.8	-8.1	4.7	3.1	-7.1	-8.1	16.9
91	7	9	2254545238.7	.0	5.4	-23.1	-10.3	3.6	-4.4	-5.5	19.4
91	7	16	2254545238.6	-.1	4.7	-33.0	-20.2	3.0	-54.5	-55.5	16.8
91	7	22	2254545249.3	10.6	5.3	-8.4	4.4	3.3	1.0	-.1	17.7
91	7	30	2254545237.7	-1.0	5.0	-25.4	-12.6	3.1	14.6	13.5	17.8
91	8	4	2254545224.5	-14.2	3.6	-9.8	3.0	2.8	51.3	50.3	12.2

Table 7.208

Baseline summary for ALGOPARK-SNDPOINT

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
90	7	10	5395379477.1	-6.7	20.0	61.5	5.6	7.6	185.6	27.0	41.7
90	7	11	5395379483.2	-.5	16.6	51.4	-4.5	6.7	137.5	-21.1	34.6
90	7	13	5395379489.9	6.2	18.2	56.0	.1	7.5	161.7	3.0	37.7

Table 7.209

Baseline summary for ALGOPARK-VICTORIA

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
90	8	2	3362802081.3	-2.8	12.5	4.1	-5.9	5.7	125.3	37.6	42.6
90	8	3	3362802083.9	-.2	14.1	13.2	3.2	6.5	61.1	-26.6	48.9
90	8	4	3362802088.3	4.2	15.0	14.3	4.4	6.4	63.4	-24.3	50.3

Table 7.210

Baseline summary for ALGOPARK-WETTZELL

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
90	7	2	6154929649.9	-17.9	7.7	54.3	.7	5.0	-93.1	-8.1	17.0
90	7	7	6154929653.8	-14.0	6.6	58.0	4.4	4.5	-57.6	27.4	15.1
90	7	17	6154929673.9	6.1	10.3	55.8	2.2	6.5	-76.2	8.8	22.3
90	7	22	6154929654.8	-13.0	11.0	62.7	9.1	6.4	-97.6	-12.6	23.4
90	7	27	6154929669.8	2.0	8.3	63.0	9.4	5.4	-107.7	-22.7	18.0
91	6	11	6154929673.8	5.9	9.7	51.8	-1.8	5.4	-107.9	-22.9	18.7
91	6	18	6154929679.0	11.1	8.5	38.1	-15.5	5.7	-98.3	-13.3	17.2
91	6	25	6154929667.4	-.4	7.8	51.3	-2.3	5.3	-103.4	-18.4	16.4
91	7	9	6154929660.3	-7.5	9.5	60.3	6.7	5.7	-48.8	36.2	19.3
91	7	16	6154929663.2	-4.6	7.8	57.2	3.6	5.0	-97.9	-12.9	15.8
91	7	22	6154929678.4	10.6	8.3	40.3	-13.3	5.5	-73.9	11.1	18.1
91	7	30	6154929697.9	30.1	8.2	50.2	-3.4	5.2	-60.7	24.3	17.1

Table 7.211

Baseline summary for ALGOPARK-YELLOWKN

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
84	8	25	2912296008.3	-19.4	11.5	16.0	-3.8	5.8	144.3	1.6	44.2
85	9	5	2912296040.6	12.8	9.3	22.3	2.5	4.7	141.6	-1.1	36.3

Table 7.212
Baseline summary for ALGOPARK-YLOW7296

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 7 1	2912668592.0	-4.2	4.7	-916.3	-11.2	3.2	815.4	-.6	15.8
91 8 4	2912668599.4	3.2	4.2	-894.4	10.7	3.1	816.4	.4	12.9

Table 7.213
Baseline summary for AUSTINTX-HRAS 085

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
87 7 12	600902670.9	.0	2.9	5.6	.0	3.9	39.3	.0	23.4

Table 7.214
Baseline summary for AUSTINTX-RICHMOND

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
87 7 12	1773844464.6	.0	5.9	6.8	.0	4.4	-48.1	.0	32.5

Table 7.215
Baseline summary for AUSTINTX-WESTFORD

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
87 7 12	2677897008.1	.0	6.6	14.8	.0	5.2	-51.1	.0	24.6

Table 7.216
Baseline summary for BERMUDA -MARPOINT

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
87 8 5	1318010990.1	8.0	12.9	62.1	75.6	19.7	76.6	42.4	60.9
87 8 6	1318010952.5	-29.6	8.3	-1.5	12.1	10.9	159.0	124.8	40.6
87 8 9	1318010993.2	11.1	5.4	-28.0	-14.4	7.0	-21.0	-55.2	25.2

Table 7.217
Baseline summary for BERMUDA -RICHMOND

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
87 8 3	1696707883.6	-4.1	8.8	2.3	1.4	7.9	-55.0	-46.7	45.4
87 8 5	1696707905.4	17.7	13.8	11.6	10.7	13.7	-132.5	-124.2	65.1
87 8 6	1696707866.0	-21.7	8.6	9.1	8.2	9.1	99.8	108.1	43.4
87 8 9	1696707899.0	11.3	6.6	-6.8	-7.7	6.6	-14.0	-5.7	32.2

Table 7.218
Baseline summary for BERMUDA -WESTFORD

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
87 8 3	1284684854.8	-9.3	7.6	9.2	3.1	5.9	-17.8	-21.9	28.5
87 8 5	1284684869.9	5.8	11.5	5.5	-.6	10.7	-44.9	-49.0	46.1
87 8 6	1284684869.1	5.1	7.6	11.1	5.0	6.4	-17.6	-21.6	28.8
87 8 9	1284684865.0	1.0	5.6	1.0	-5.2	5.0	43.8	39.7	22.9

Table 7.219
Baseline summary for BLKBUTTE-ELY

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
88 10 26	629461895.0	-1.9	6.4	-5.8	-4.5	4.5	-34.7	-24.6	37.6
88 10 27	629461898.5	1.7	6.0	4.4	5.7	5.0	8.5	18.6	32.7

Table 7.220
Baseline summary for BLKBUTTE-HATCREEK

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
87	2	4	942475323.2	17.3	9.1	-1.8	-5.7	5.0	45.7	69.6	50.3
87	5	18	942475299.7	-6.3	8.1	19.5	15.6	6.4	69.4	93.3	40.8
87	10	22	942475275.0	-30.9	9.6	9.6	5.7	5.1	-190.3	-166.4	52.1
88	10	26	942475302.2	-3.7	6.6	-4.5	-8.4	5.3	-49.0	-25.1	36.5
88	10	27	942475319.2	13.3	6.6	.5	-3.3	6.7	-27.5	-3.6	32.8

Table 7.221
Baseline summary for BLKBUTTE-OCOTILLO

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
84	3	4	97160175.3	-34.1	32.2	47.8	9.2	20.5	349.6	135.4	200.4
85	1	16	97160212.3	2.9	9.3	37.8	-.9	6.3	189.5	-24.7	85.6

Table 7.222
Baseline summary for BLKBUTTE-OVRO 130

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
86	5	19	459067510.1	-7.4	4.5	-12.7	-14.3	4.9	43.7	50.4	31.8
86	10	27	459067527.1	9.6	3.9	5.6	4.0	3.2	-30.8	-24.2	29.6
87	10	22	459067502.0	-15.5	7.8	8.3	6.6	5.5	-81.0	-74.3	57.7

Table 7.223
Baseline summary for BLKBUTTE-PRESIDIO

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
87	5	18	762366287.0	5.9	7.8	12.1	5.1	7.1	107.8	86.6	45.3
87	10	22	762366272.6	-8.5	9.4	1.9	-5.2	7.2	-126.8	-148.0	59.3

Table 7.224
Baseline summary for BLKBUTTE-PT REYES

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
87	2	4	815918040.6	.0	9.2	-19.6	.0	6.0	12.0	.0	52.0

Table 7.225
Baseline summary for BLOOMIND-HRAS 085

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
87	8	20	1843913181.4	.0	12.4	3.2	.0	11.6	-13.2	.0	52.3

Table 7.226
Baseline summary for BLOOMIND-WESTFORD

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
87	8	20	1316252671.5	.0	12.5	-7.9	.0	12.4	8.8	.0	50.6

Table 7.227
Baseline summary for BREST -MOJAVE12

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
89	8	31	7945694704.3	-17.6	22.0	80.1	12.2	8.0	63.8	-35.4	31.4
89	9	5	7945694736.2	14.3	19.9	57.6	-10.4	7.4	128.9	29.7	28.8

Table 7.228
Baseline summary for BREST -NOTO

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
89	8	31	2029686970.8	-33.1	7.1	19.5	-7.6	5.6	-112.2	-42.5	30.5
89	9	2	2029687007.9	4.0	5.8	32.3	5.2	7.1	-101.4	-31.7	23.3
89	9	3	2029687025.6	21.7	6.4	42.2	15.0	10.2	-2.9	66.9	29.3
89	9	5	2029687004.4	.5	7.2	26.9	-.2	5.6	-49.8	20.0	27.5

Table 7.229
Baseline summary for BREST -ONSALA60

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
89	9	5	1480502018.6	.0	5.8	15.0	.0	5.3	-6.5	.0	26.8

Table 7.230
Baseline summary for BREST -RICHMOND

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
89	8	31	6574959713.7	.0	17.5	51.6	.0	8.6	24.4	.0	32.8

Table 7.231
Baseline summary for BREST -WESTFORD

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
89	8	31	4970790330.8	-11.0	12.3	53.2	12.5	6.6	.2	-28.3	30.0
89	9	5	4970790352.5	10.6	12.0	28.8	-11.9	6.4	53.5	24.9	28.1

Table 7.232
Baseline summary for BREST -WETTZELL

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
89	8	31	1275262992.5	-18.0	5.2	11.3	-13.1	4.7	-55.4	-42.3	26.6
89	9	2	1275263016.4	5.9	4.2	33.3	8.9	5.6	-34.6	-21.5	21.3
89	9	3	1275263020.2	9.7	4.8	40.9	16.6	7.4	56.0	69.1	24.6
89	9	5	1275263007.5	-3.0	5.2	24.5	.1	5.2	-18.0	-4.9	25.9

Table 7.233
Baseline summary for CARNUSTY-MOJAVE12

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
89	8	21	7568098953.2	.0	19.5	76.8	.0	7.6	117.1	.0	31.4

Table 7.234
Baseline summary for CARNUSTY-RICHMOND

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
89	8	21	6586356791.3	.0	18.3	47.4	.0	7.5	51.2	.0	33.9

Table 7.235
Baseline summary for CARNUSTY-WESTFORD

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
89	8	21	4848716956.3	.0	12.9	51.8	.0	5.9	36.1	.0	32.1

Table 7.236
Baseline summary for CARNUSTY-WETTZELL

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 8 19	1327033069.6	-20.5	11.3	44.0	16.6	19.8	16.1	15.3	52.5
89 8 20	1327033090.3	.2	9.5	58.0	30.6	15.6	-2.0	-2.8	43.6
89 8 21	1327033096.5	6.4	5.4	23.6	-3.8	4.3	23.7	22.9	27.6
89 8 23	1327033086.3	-3.7	7.8	30.6	3.2	9.2	-31.3	-32.1	30.7

Table 7.237
Baseline summary for CARROLGA-HRAS 085

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
87 7 19	1799165584.8	.0	12.2	4.4	.0	8.4	77.5	.0	47.0

Table 7.238
Baseline summary for CARROLGA-RICHMOND

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
87 7 19	992547370.2	.0	7.7	-.3	.0	9.0	-24.7	.0	44.3

Table 7.239
Baseline summary for CARROLGA-WESTFORD

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
87 7 19	1552637958.3	.0	10.8	8.7	.0	7.8	3.3	.0	42.2

Table 7.240
Baseline summary for CHLBOLTN-HAYSTACK

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
80 10 17	5072314469.0	14.0	11.3	123.0	-7.5	7.3	88.7	3.0	33.4
80 10 18	5072314456.5	1.4	10.4	133.4	2.9	6.7	124.0	38.3	32.3
80 10 19	5072314461.7	6.6	18.5	144.0	13.5	11.6	-115.4	-201.1	59.6
80 10 20	5072314463.5	8.4	10.2	143.1	12.6	7.0	88.0	2.4	31.6
80 10 21	5072314463.5	8.5	10.9	123.1	-7.4	6.7	119.3	33.6	31.3
80 10 22	5072314409.4	-45.7	13.3	123.2	-7.3	8.3	-71.1	-156.8	38.0
80 10 23	5072314452.2	-2.8	8.6	129.9	-.6	6.3	151.9	66.2	27.2

Table 7.241
Baseline summary for CHLBOLTN-HRAS 085

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
80 10 17	7663737336.4	-29.2	26.3	217.6	3.7	9.8	135.8	74.5	43.9
80 10 18	7663737380.5	14.9	30.6	214.9	1.0	8.5	95.4	34.1	46.9
80 10 19	7663737381.1	15.5	52.1	213.7	-.2	13.8	-177.8	-239.1	83.0
80 10 20	7663737350.5	-15.1	36.2	229.1	15.2	9.4	111.8	50.5	52.5
80 10 21	7663737373.0	7.4	32.9	209.1	-4.8	8.5	80.2	18.9	49.8
80 10 22	7663737281.4	-84.2	38.7	211.1	-2.8	10.1	-92.2	-153.4	58.2
80 10 23	7663737423.8	58.2	26.7	206.1	-7.8	7.8	61.3	.0	41.6

Table 7.242
Baseline summary for CHLBOLTN-ONSALA60

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
80 10 17	1109864329.7	5.3	6.3	31.0	-.7	5.2	-3.4	2.1	28.0
80 10 18	1109864323.8	-.5	6.5	40.9	9.2	5.8	-28.1	-22.7	29.2
80 10 19	1109864315.9	-8.4	12.9	20.4	-11.3	12.3	16.2	21.7	52.4
80 10 20	1109864323.9	-.4	6.4	31.8	.1	5.9	35.3	40.7	26.4
80 10 21	1109864324.7	.3	5.9	41.2	9.5	5.2	28.7	34.2	25.5
80 10 22	1109864314.9	-9.4	7.9	21.4	-10.3	7.1	-152.2	-146.7	33.4
80 10 23	1109864326.6	2.2	5.2	24.5	-7.2	4.7	13.6	19.0	23.0

Table 7.243
Baseline summary for CHLBOLTN-OVRO 130

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
80 10 17	7846991262.3	-4.0	23.5	190.9	10.5	10.0	63.4	32.8	39.3
80 10 18	7846991280.8	14.5	22.6	193.7	13.3	9.2	89.0	58.4	36.1
80 10 19	7846991265.1	-1.2	37.9	162.0	-18.4	15.0	-174.9	-205.5	62.8
80 10 21	7846991281.0	14.7	22.7	168.9	-11.6	9.3	49.6	19.0	35.6
80 10 22	7846991196.6	-69.7	27.8	175.2	-5.3	10.6	-131.8	-162.4	43.2
80 10 23	7846991280.7	14.4	18.8	180.4	-.1	8.3	88.8	58.2	31.7

Table 7.244
Baseline summary for DEADMANL-JPL MV1

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
88 2 3	174643147.1	.0	6.6	19.7	.0	8.9	12.8	.0	58.9

Table 7.245
Baseline summary for DSS15 -GILCREEK

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
88 11 7	3807400687.4	.0	3.4	38.0	2.3	2.7	7.9	13.7	11.4
89 7 27	3807400687.4	-.1	5.4	31.1	-4.6	3.9	-36.8	-31.0	17.1

Table 7.246
Baseline summary for DSS15 -GOLDVENU

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
87 11 2	21069152.1	.0	3.1	-2.8	.0	2.5	-.6	.0	13.5

Table 7.247
Baseline summary for DSS15 -HAYSTACK

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
88 11 7	3899992515.4	2.3	3.3	18.2	.5	3.1	-106.8	9.0	11.1
89 7 27	3899992506.9	-6.3	5.4	16.9	-.8	3.8	-135.0	-19.3	16.2

Table 7.248
Baseline summary for DSS15 -MOJAVE12

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
87 11 2	10011685.4	.0	3.1	2.2	.0	1.7	-5.6	.0	12.4

Table 7.249

Baseline summary for DSS15 -MOJ 7288

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
87 11 2	10063344.4	.0	3.6	-.1	.0	2.0	-6.3	.0	16.9

Table 7.250

Baseline summary for DSS15 -OVRO 130

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
87 11 2	236711198.2	-.5	2.9	4.1	.9	2.7	-18.8	-9.8	13.8
88 11 7	236711199.1	.4	2.7	1.6	-1.6	3.5	-1.8	7.2	11.8

Table 7.251

Baseline summary for DSS15 -OVR 7853

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
87 11 2	237345165.1	.0	3.0	4.0	.0	2.8	-22.1	.0	13.5

Table 7.252

Baseline summary for DSS15 -YAKATAGA

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 7 27	3265203801.2	.0	9.3	37.1	.0	4.8	-50.6	.0	34.2

Table 7.253

Baseline summary for DSS45 -HARTRAO

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 4 16	9589254769.2	9.3	25.2	-112.0	-8.0	9.6	70.4	9.7	23.5
91 7 19	9589254687.9	-72.0	21.1	-91.9	12.2	8.6	74.8	14.0	19.6
91 10 8	9589254760.2	.3	41.0	-99.6	4.5	12.9	8.2	-52.6	36.2
91 12 11	9589254841.3	81.4	23.6	-112.7	-8.6	9.0	52.8	-7.9	23.9

Table 7.254

Baseline summary for DSS45 -KASHIM34

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 3 23	7436905073.2	30.9	6.0	-30.9	20.0	5.4	-14.9	-3.9	10.5
91 3 25	7436905026.4	-15.9	19.3	-57.5	-6.6	8.5	19.0	30.0	29.8
91 4 16	7436905056.0	13.7	15.2	-66.1	-15.2	8.7	21.9	32.9	26.0
91 7 19	7436905027.1	-15.2	12.2	-61.3	-10.3	7.3	41.7	52.7	21.2
91 8 26	7436904974.0	-68.3	9.4	-60.9	-9.9	6.8	-54.7	-43.6	16.3

Table 7.255

Baseline summary for DSS45 -KWAJAL26

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
88 7 17	5171635896.2	44.2	17.9	-66.4	4.0	8.3	-132.9	8.6	33.8
88 7 31	5171635808.7	-43.3	22.7	-72.4	-1.9	9.9	-115.9	25.6	45.3
88 8 1	5171635817.0	-35.1	25.6	-74.7	-4.3	10.5	-197.1	-55.6	52.8

Table 7.256

Baseline summary for DSS45 -MEDICINA

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 10 8	12194863983.9	.0	46.3	20.0	.0	18.3	85.8	.0	25.2

Table 7.257
Baseline summary for DSS45 -MOJAVE12

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
88 5 24	10586283480.9	.0	31.3	-38.6	.0	12.4	-218.9	.0	35.0

Table 7.258
Baseline summary for DSS45 -SANTIA12

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 12 11	9928436326.5	.0	32.4	-530.4	.0	12.4	-872.0	.0	26.3

Table 7.259
Baseline summary for DSS45 -WETTZELL

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 4 16	12156491074.1	-25.0	24.0	59.2	-19.6	10.6	108.6	44.6	15.3
91 7 19	12156491119.2	20.1	21.5	95.4	16.6	9.7	27.6	-36.5	13.9

Table 7.260
Baseline summary for DSS65 -EFLSBERG

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 12 2	1414346812.3	.0	1.2	6.0	.0	1.9	26.1	.0	4.6

Table 7.261
Baseline summary for DSS65 -HRAS 085

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
88 10 19	7975454833.5	.0	10.4	57.1	.0	4.7	124.6	.0	17.6

Table 7.262
Baseline summary for DSS65 -MATERA

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 5 25	1765812130.2	-6.2	4.4	15.5	11.0	22.9	33.7	-2.7	27.1
90 9 6	1765812153.6	17.3	2.4	5.4	.9	2.4	-47.7	-84.1	8.9
90 12 21	1765812130.6	-5.7	2.2	9.0	4.5	2.4	28.8	-7.6	8.8
91 1 7	1765812129.5	-6.9	2.0	10.7	6.2	2.3	50.0	13.6	7.9
91 9 9	1765812140.2	3.9	1.7	2.5	-1.9	2.2	61.8	25.4	7.5
91 12 2	1765812134.3	-2.0	1.4	-5.5	-10.0	2.4	54.5	18.1	6.1

Table 7.263
Baseline summary for DSS65 -MOJAVE12

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
88 10 19	8395867416.4	.0	11.8	77.1	.0	4.6	169.8	.0	18.2

Table 7.264
Baseline summary for DSS65 -RICHMOND

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
88 9 1	6726067089.7	-5.7	18.3	49.6	6.3	9.1	157.5	41.9	41.3
88 11 10	6726067077.6	-17.7	11.9	33.3	-9.9	7.9	134.1	18.5	25.6
88 12 15	6726067102.9	7.5	7.3	45.3	2.0	4.9	103.0	-12.6	15.4

Table 7.265
Baseline summary for DSS65 -WESTFORD

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
88 9 1	5300362827.6	-.7	9.1	45.8	2.9	5.0	91.3	-11.7	25.9
88 11 10	5300362822.6	-5.7	5.7	40.6	-2.3	5.6	99.5	-3.5	16.3
88 12 15	5300362822.0	-6.3	3.6	42.6	-.3	3.5	101.8	-1.2	11.2
89 2 21	5300362824.6	-3.7	5.2	45.8	2.9	4.3	103.1	.1	14.7
89 6 4	5300362852.6	24.3	5.5	38.9	-4.0	4.7	112.8	9.8	15.7

Table 7.266
Baseline summary for EFLSBERG-MATERA

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 12 2	1333777570.1	.0	1.2	-5.9	.0	1.9	28.3	.0	4.7

Table 7.267
Baseline summary for EFLSBERG-MEDICINA

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 12 2	757049171.3	.0	1.2	-.7	.0	1.5	-26.4	.0	4.8

Table 7.268
Baseline summary for EFLSBERG-HRAO 140

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
79 11 26	6334648486.2	.0	32.6	130.6	.0	25.3	65.0	.0	91.9

Table 7.269
Baseline summary for EFLSBERG-OVRO 130

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
79 11 26	8203742531.4	16.0	35.6	162.5	15.5	35.5	-15.9	-29.4	101.6
80 7 27	8203742536.5	21.0	19.2	189.4	42.4	12.5	49.8	36.3	42.6
80 7 28	8203742507.7	-7.8	16.9	169.4	22.5	10.4	2.1	-11.4	38.3
80 9 27	8203742479.5	-35.9	22.9	118.0	-29.0	10.5	61.0	47.5	40.4
80 9 28	8203742537.7	22.2	21.5	133.2	-13.7	9.0	-48.2	-61.8	34.1
80 9 29	8203742504.3	-11.1	22.3	140.5	-6.4	10.3	33.8	20.3	37.1

Table 7.270
Baseline summary for EFLSBERG-ROBLED32

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
83 5 6	1414092460.0	.0	8.3	40.1	.0	8.9	78.7	.0	53.0

Table 7.271
Baseline summary for EFLSBERG-WESTFORD

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
83 5 6	5592851128.8	.0	14.7	68.8	.0	6.2	93.7	.0	37.9

Table 7.272
Baseline summary for EFLSBERG-WETTZELL

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 12 2	457481745.6	.0	.7	6.4	.0	1.0	-16.6	.0	3.3

Table 7.273
Baseline summary for ELY -OVRO 130

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
86	4	3	378140556.3	.0	4.8	-12.6	.0	5.6	-6.3	.0	36.3

Table 7.274
Baseline summary for ELY -PLATTVIL

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
84	4	23	871865372.7	-10.0	13.4	11.0	6.7	16.0	-97.8	-110.4	106.8
85	5	7	871865384.9	2.2	5.3	4.9	.5	6.8	22.8	10.2	43.7
86	4	3	871865378.4	-4.3	13.6	-7.7	-12.0	17.8	50.9	38.2	93.9

Table 7.275
Baseline summary for ELY -VNDNBERG

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
87	5	11	734889071.3	6.4	8.3	-25.9	-50.1	7.8	41.2	-4.7	42.5
88	4	30	734889056.7	-8.1	6.1	27.3	3.1	6.4	28.1	-17.8	47.3
88	5	1	734889039.8	-25.1	14.2	32.3	8.1	18.5	23.5	-22.3	118.0
88	10	26	734889066.9	2.1	3.9	28.3	4.1	4.3	34.8	-11.1	21.2
88	10	27	734889066.9	2.1	4.2	39.5	15.3	5.5	63.0	17.2	21.6

Table 7.276
Baseline summary for ELY -WESTFORD

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
89	5	1	3580309245.4	2.6	12.4	9.0	2.7	7.8	-67.7	43.7	37.7
89	5	2	3580309237.0	-5.8	13.1	.8	-5.4	8.5	-161.7	-50.3	41.2
90	10	16	3580309261.5	18.7	15.5	7.2	1.0	8.5	-89.6	21.8	53.3
90	10	17	3580309224.0	-18.8	17.6	8.0	1.8	10.5	-141.1	-29.7	58.1

Table 7.277
Baseline summary for ELY -YUMA

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
87	5	11	707152520.7	8.0	9.5	3.8	4.1	6.5	-82.4	-51.1	53.6
88	4	30	707152511.0	-1.7	7.1	-.5	-.1	5.4	-.7	30.6	48.7
88	5	1	707152487.7	-25.0	21.0	-8.1	-7.7	9.1	38.4	69.7	119.4

Table 7.278
Baseline summary for FD-VLBA -HRAS 085

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
91	4	17	300458.2	1.1	3.9	1254.4	7.7	5.4	-513.0	.1	19.1
91	5	17	300456.9	-.2	.4	1247.0	.3	.4	-515.1	-2.0	2.1
91	5	31	300457.0	-.1	.4	1246.2	-.4	.4	-512.5	.5	2.6
91	6	5	300457.8	.7	.7	1246.7	.0	.6	-509.4	3.7	3.2

Table 7.279
Baseline summary for FLAGSTAF-VERNAL

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
87	5	7	595755609.4	-.1	6.0	2.5	2.0	3.7	9.5	-6.4	33.6
88	4	26	595755609.7	.3	13.1	-13.7	-14.2	9.8	50.4	34.6	78.3

Table 7.280

Baseline summary for FLAGSTAF-WESTFORD

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 11 6	3497279292.2	9.7	13.0	.8	7.3	8.0	-67.3	31.7	45.4
90 11 7	3497279273.1	-9.4	12.8	-11.4	-4.9	6.6	-125.2	-26.1	41.2

Table 7.281

Baseline summary for FORTORDS-HATCREEK

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
88 11 9	470018690.5	62.3	7.5	25.7	-10.8	4.6	32.7	24.3	43.3
88 11 10	470018685.9	57.6	6.3	16.2	-20.4	3.4	-43.5	-51.9	31.1
89 2 4	470018682.6	54.4	5.6	29.1	-7.5	3.6	-47.2	-55.6	36.9
89 5 11	470018670.1	41.9	6.4	41.4	4.8	4.3	14.4	6.1	39.2
89 5 12	470018685.0	56.8	6.2	38.6	2.1	4.0	66.8	58.5	39.7
89 10 24	470018609.6	-18.7	6.0	35.6	-1.0	4.0	15.5	7.2	27.6
89 11 2	470018616.3	-12.0	4.7	53.6	17.0	4.5	-21.6	-29.9	32.8
89 11 3	470018616.5	-11.8	6.2	40.0	3.4	5.6	-22.2	-30.5	38.8
89 11 7	470018597.8	-30.5	5.8	37.2	.6	3.8	-30.9	-39.2	29.7
89 11 8	470018612.7	-15.6	5.1	33.6	-2.9	3.2	30.4	22.0	24.5
89 11 12	470018600.4	-27.9	5.6	44.2	7.7	3.6	-13.7	-22.0	28.0
89 11 13	470018611.7	-16.5	5.6	46.5	10.0	3.5	12.4	4.1	27.0
89 11 17	470018616.1	-12.1	6.1	35.6	-1.0	4.1	37.5	29.2	30.4
89 11 18	470018618.5	-9.7	5.6	32.3	-4.2	3.7	49.9	41.6	29.8
90 1 26	470018604.3	-23.9	5.6	37.1	.6	4.3	-19.7	-28.0	35.8
90 1 27	470018601.5	-26.8	5.1	51.1	14.5	4.3	66.7	58.4	33.2

Table 7.282

Baseline summary for FORTORDS-HAYSTACK

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 10 24	4225000773.9	.0	14.3	125.8	.0	8.6	-63.4	.0	34.7

Table 7.283

Baseline summary for FORTORDS-OVRO 130

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
88 11 9	319006658.6	9.5	6.1	19.0	-2.6	7.1	66.0	52.7	46.8
88 11 10	319006644.4	-4.7	4.3	23.5	1.9	6.1	-23.9	-37.3	39.4

Table 7.284

Baseline summary for FORTORDS-PRESIDIO

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 10 24	147938858.0	6.1	7.0	-16.1	3.5	5.7	62.1	-37.9	42.5
89 11 17	147938841.8	-10.1	8.6	-25.5	-6.0	7.7	202.3	102.3	56.5
89 11 18	147938852.6	.7	7.3	-19.8	-.2	5.9	68.6	-31.5	53.2

Table 7.285

Baseline summary for FORTORDS-PT REYES

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
88 11 9	197185404.7	38.8	6.4	7.8	30.5	6.1	43.0	31.5	44.8
89 11 7	197185349.4	-16.5	7.0	-38.1	-15.3	6.3	-48.0	-59.5	53.2
89 11 8	197185360.4	-5.5	6.1	-26.8	-4.0	5.5	14.8	3.3	46.5
89 11 12	197185348.6	-17.3	7.1	-24.8	-2.1	5.6	11.9	.4	53.2
89 11 13	197185360.3	-5.6	7.0	-31.0	-8.3	6.0	20.8	9.2	50.1

Table 7.286

Baseline summary for FORTORDS-QUINCY

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 11 2	382655480.6	.6	6.2	45.9	2.4	6.6	-45.0	-15.5	48.8
89 11 3	382655479.0	-1.0	7.9	40.8	-2.7	7.1	-7.9	21.6	57.5

Table 7.287

Baseline summary for FORTORDS-VNDNBERG

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
88 11 9	248717515.9	-30.2	5.9	-8.9	-29.1	5.6	48.9	46.7	43.6
88 11 10	248717516.8	-29.3	6.4	5.2	-15.0	4.2	-53.3	-55.4	36.3
89 2 3	248717509.8	-36.4	5.5	13.4	-6.8	4.5	29.0	26.8	39.3
89 2 4	248717518.2	-27.9	4.3	6.6	-13.6	3.7	14.0	11.8	31.8
89 5 11	248717523.2	-22.9	5.4	-8.6	-28.8	4.5	9.0	6.8	36.9
89 5 12	248717511.0	-35.1	5.2	-8.9	-29.1	4.8	85.9	83.7	41.0
89 10 24	248717561.3	15.2	6.0	30.8	10.6	4.9	-24.4	-26.5	30.6
89 11 2	248717562.5	16.4	5.5	29.2	9.0	5.3	-30.7	-32.8	38.8
89 11 3	248717547.2	1.1	6.6	29.7	9.5	6.0	-31.5	-33.7	44.1
89 11 7	248717575.0	28.9	5.6	38.5	18.3	4.6	-70.4	-72.5	32.6
89 11 8	248717561.7	15.6	4.8	30.6	10.4	4.0	-6.9	-9.1	26.7
89 11 12	248717567.8	21.7	5.7	31.6	11.4	4.3	-24.6	-26.8	30.9
89 11 13	248717559.8	13.6	5.4	30.8	10.6	4.4	-9.0	-11.2	29.8
89 11 17	248717556.2	10.1	6.2	32.5	12.3	5.0	25.7	23.5	34.9
89 11 18	248717560.2	14.1	5.3	32.4	12.2	4.3	44.5	42.3	31.8
90 1 26	248717563.5	17.4	5.1	33.3	13.1	4.7	-10.7	-12.9	36.8
90 1 27	248717572.3	26.2	4.6	26.7	6.5	4.5	84.2	82.1	34.0

Table 7.288

Baseline summary for FORTORDS-WESTFORD

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 10 24	4224718660.6	10.5	11.9	126.4	-26.3	6.3	-75.4	28.7	30.8
89 11 2	4224718636.7	-13.3	12.4	130.1	-22.6	5.8	-129.0	-24.9	34.3
89 11 3	4224718631.3	-18.8	15.1	116.9	-35.8	7.0	-153.6	-49.6	39.9
89 11 7	4224718629.1	-21.0	13.2	139.2	-13.5	6.8	-109.5	-5.4	35.6
89 11 8	4224718618.9	-31.2	10.8	141.3	-11.4	5.6	-112.4	-8.4	28.4
89 11 12	4224718648.3	-1.8	11.5	134.1	-18.6	6.4	-143.6	-39.6	31.8
89 11 13	4224718647.1	-3.0	11.8	131.3	-21.5	6.2	-95.7	8.3	31.8
89 11 17	4224718645.8	-4.3	12.5	123.5	-29.2	7.3	-101.1	2.9	33.9
89 11 18	4224718658.3	8.3	12.3	136.0	-16.7	6.4	-23.0	81.1	33.3
91 7 23	4224718684.1	34.0	9.3	200.7	48.0	4.5	-59.6	44.4	25.2
91 7 24	4224718660.2	10.1	10.0	202.3	49.6	4.6	-162.5	-58.4	27.4

Table 7.289

Baseline summary for FORTORDS-YLOW7296

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 7 23	2897818095.8	1.4	8.1	-1696.3	-5.1	5.2	302.8	48.8	29.0
91 7 24	2897818093.0	-1.4	8.3	-1686.2	5.0	5.1	202.9	-51.2	29.7

Table 7.290

Baseline summary for FORT ORD-GILCREEK

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
88 2 14	3530381360.7	-7.2	12.8	35.6	-1.7	5.3	2.0	-8.2	40.8
88 2 15	3530381387.3	19.5	15.6	42.8	5.4	6.0	32.6	22.4	44.8
88 2 18	3530381367.3	-.5	11.3	31.7	-5.7	4.9	16.6	6.4	37.7
88 2 19	3530381361.1	-6.7	14.4	41.5	4.1	5.3	-13.7	-23.9	47.1

Table 7.291

Baseline summary for FORT ORD-JPL MV1

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
87 10 19	426048767.7	.0	5.7	3.7	.0	5.5	3.7	.0	38.4

Table 7.292

Baseline summary for FORT ORD-MON PEAK

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
87 2 10	644206241.4	.0	6.9	-16.4	.0	5.2	-15.1	.0	46.9

Table 7.293

Baseline summary for FORT ORD-PT REYES

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
87 5 22	189551467.4	-4.3	8.2	1.5	-4.9	6.8	-123.5	-115.7	57.2
88 2 14	189551470.0	-1.7	6.0	2.1	-4.3	5.0	-29.4	-21.6	37.7
88 2 15	189551476.5	4.8	6.7	14.8	8.4	5.5	89.6	97.4	43.9

Table 7.294

Baseline summary for FTD 7900-HRAS 085

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
88 10 9	104737.7	.0	3.5	-1.5	.0	2.5	-15.8	.0	15.5

Table 7.295

Baseline summary for FTD 7900-MOJAVE12

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
88 10 9	1313407340.7	.0	3.8	3.4	.0	3.5	12.2	.0	17.2

Table 7.296

Baseline summary for FTD 7900-PIETOWN

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
88 10 9	564691753.1	.0	3.4	-1.2	.0	2.7	18.5	.0	14.8

Table 7.297

Baseline summary for FTD 7900-WESTFORD

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
88 10 9	3134986758.2	.0	6.3	-4.0	.0	6.5	-97.0	.0	22.4

Table 7.298

Baseline summary for GILCREEK-HALEAKAL

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
88 6 26	4837174032.8	-8.7	24.5	72.2	-3.5	8.0	26.7	-8.0	54.7
88 7 2	4837174027.9	-13.6	25.2	69.4	-6.3	8.7	131.7	97.0	59.0
88 7 10	4837174045.0	3.5	9.8	78.5	2.8	4.5	20.2	-14.5	24.0

Table 7.299
Baseline summary for GILCREEK-HARTRAO

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 5 24	11997919451.5	164.6	52.4	156.1	-12.8	12.6	-214.1	17.8	19.9
90 5 25	11997919396.6	109.7	34.7	200.2	31.3	12.8	-234.8	-2.8	17.2
91 12 18	11997919222.7	-64.2	44.7	165.2	-3.7	11.6	-249.3	-17.4	20.5
91 12 19	11997919184.1	-102.7	29.4	157.2	-11.7	11.8	-230.3	1.6	16.5

Table 7.300
Baseline summary for GILCREEK-KASHIM34

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 3 23	5427062793.5	-3.9	4.0	145.5	.7	4.0	93.3	-17.5	11.0
90 3 28	5427062781.7	-15.7	6.0	128.4	-16.4	4.5	94.1	-16.7	14.7
90 4 20	5427062798.5	1.1	4.7	142.6	-2.3	4.4	98.1	-12.7	12.6
90 5 24	5427062805.8	8.4	7.8	132.1	-12.7	5.1	138.4	27.6	18.9
90 5 25	5427062788.3	-9.1	7.5	128.5	-16.3	5.2	130.4	19.6	18.8
90 6 23	5427062811.8	14.4	13.8	141.2	-3.6	7.5	167.5	56.7	30.9
90 6 26	5427062811.7	14.3	8.1	147.7	2.9	5.2	99.6	-11.2	21.2
90 7 21	5427062789.6	-7.8	18.2	135.9	-8.9	9.2	126.9	16.1	39.0
90 8 12	5427062819.8	22.4	8.2	145.6	.8	5.9	94.6	-16.2	19.8
90 8 21	5427062796.6	-.8	4.1	135.7	-9.1	4.2	111.8	1.0	11.2
90 10 6	5427062795.0	-2.4	7.2	142.0	-2.8	5.3	66.5	-44.3	16.7
90 10 11	5427062804.4	7.0	4.5	145.6	.8	4.6	147.1	36.3	13.0
90 11 18	5427062782.7	-14.7	9.5	141.2	-3.6	6.6	64.5	-46.3	23.1
90 12 18	5427062792.9	-4.5	19.1	108.1	-36.8	12.9	226.1	115.3	34.3
91 2 25	5427062786.1	-11.3	8.8	154.9	10.1	6.5	138.9	28.1	20.8
91 3 25	5427062769.9	-27.5	14.6	146.6	1.8	7.5	104.3	-6.5	32.4
91 4 2	5427062805.2	7.8	7.8	161.0	16.2	5.6	71.4	-39.4	20.8
91 5 15	5427062804.3	6.9	10.7	162.1	17.3	6.3	93.9	-16.9	23.2
91 7 10	5427062811.5	14.1	12.3	143.6	-1.2	7.9	124.8	14.0	29.9
91 8 26	5427062798.0	.6	6.5	160.9	16.0	5.5	125.8	15.0	15.7
91 12 18	5427062797.3	-.1	8.0	158.5	13.6	5.4	124.6	13.8	17.9
91 12 19	5427062794.6	-2.8	7.7	163.0	18.2	5.1	121.8	11.0	18.1

Table 7.301
Baseline summary for GILCREEK-LA-VLBA

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 5 22	4157847389.8	6.5	2.6	1655.5	1.3	2.9	274.7	-29.3	7.5
91 6 29	4157847375.5	-7.8	2.5	1653.6	-.5	2.9	299.9	-4.1	7.4
91 7 11	4157847390.4	7.1	2.3	1657.5	3.4	2.8	298.5	-5.5	6.9
91 9 7	4157847379.2	-4.1	3.0	1657.9	3.8	3.3	349.8	45.8	8.7
91 10 16	4157847376.9	-6.4	2.6	1646.2	-8.0	2.9	297.9	-6.1	7.5
91 10 17	4157847392.4	9.1	3.3	1639.2	-15.0	3.3	301.6	-2.3	9.4
91 10 19	4157847384.7	1.4	3.0	1666.8	12.7	3.3	297.2	-6.8	8.8
91 10 21	4157847380.0	-3.3	2.3	1657.6	3.5	3.0	316.6	12.6	6.9
91 10 23	4157847382.9	-.4	2.7	1659.2	5.0	3.0	313.1	9.1	7.9
91 11 2	4157847381.6	-1.7	3.0	1647.5	-6.7	3.3	296.2	-7.8	8.3
91 12 5	4157847383.9	.6	1.8	1653.4	-.7	2.8	305.4	1.4	5.9

Table 7.302
Baseline summary for GILCREEK-MARCUS

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 6 26	5885337020.2	.0	10.1	321.1	.0	5.9	79.9	.0	22.4

Table 7.303

Baseline summary for GILCREEK-MARPOINT

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
88 2 11	5152474990.9	-58.3	27.6	-35.4	-75.8	55.7	-113.1	-49.0	178.6
88 2 26	5152475068.5	19.3	14.3	18.4	-22.1	36.7	-112.5	-48.4	84.8
88 3 17	5152475002.5	-46.7	36.2	13.1	-27.4	76.5	78.8	142.9	94.1
88 3 25	5152474997.7	-51.4	23.1	64.9	24.5	39.7	97.1	161.3	109.2
88 4 1	5152475047.6	-1.6	18.3	54.5	14.1	50.7	21.3	85.5	106.6
88 6 6	5152475027.1	-22.0	16.7	52.0	11.6	18.4	24.4	88.6	53.1
88 7 17	5152475035.6	-13.6	12.6	10.0	-30.4	16.5	-28.3	35.9	41.0
88 9 11	5152475143.9	94.8	38.8	30.9	-9.5	18.7	208.2	272.3	91.7
88 9 22	5152475020.0	-29.2	52.0	114.5	74.0	32.5	40.3	104.5	157.5
88 9 29	5152475035.8	-13.3	24.5	13.3	-27.1	42.3	16.7	80.9	95.9
88 10 7	5152475023.1	-26.0	26.3	-44.5	-85.0	53.9	170.9	235.1	99.7
88 12 16	5152475052.2	3.1	21.2	-10.9	-51.3	34.4	-55.3	8.9	85.7
88 12 22	5152475040.5	-8.6	18.0	49.4	9.0	7.2	-79.4	-15.2	36.2
89 1 6	5152475054.9	5.8	34.3	32.8	-7.6	64.8	8.7	72.9	106.8
89 1 15	5152475027.1	-22.0	26.2	65.1	24.6	25.1	-110.0	-45.8	62.7
89 2 20	5152475029.9	-19.3	28.2	26.9	-13.6	22.7	-165.3	-101.2	75.8
89 4 4	5152475051.5	2.4	17.1	37.7	-2.7	7.6	-9.8	54.4	41.8
89 6 5	5152475069.0	19.9	15.8	37.3	-3.1	7.3	-102.6	-38.4	31.3
89 6 28	5152475083.1	34.0	10.3	38.4	-2.0	4.5	-93.1	-28.9	22.1
89 7 19	5152475018.6	-30.5	13.0	36.3	-4.2	5.8	-76.7	-12.5	25.3
89 7 24	5152475038.6	-10.5	13.6	42.5	2.0	5.8	-63.0	1.1	32.3
89 8 8	5152475063.0	13.8	9.5	50.3	9.8	4.5	-98.7	-34.5	21.4
89 8 18	5152475045.5	-3.6	9.8	42.5	2.1	4.7	-37.9	26.3	21.9
89 8 25	5152475064.3	15.2	14.0	28.4	-12.0	5.9	-73.8	-9.6	29.1

Table 7.304

Baseline summary for GILCREEK-MATERA

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 10 5	7659919188.9	60.1	25.6	92.0	13.4	6.9	-242.8	-117.2	37.1
90 11 9	7659919125.9	-2.9	24.7	95.1	16.4	7.5	-32.7	92.9	33.7
90 12 4	7659919137.5	8.8	23.5	84.8	6.2	8.4	-107.6	18.0	43.6
91 1 23	7659919088.2	-40.5	18.9	73.0	-5.7	6.4	-99.4	26.3	25.6
91 2 12	7659919122.6	-6.1	18.9	85.0	6.4	5.2	-160.0	-34.4	25.4
91 3 14	7659919136.8	8.1	15.1	94.7	16.0	5.4	-130.0	-4.3	22.0
91 4 3	7659919172.6	43.8	20.5	81.4	2.7	6.5	-126.1	-.5	26.2
91 5 8	7659919128.3	-.5	15.0	71.5	-7.1	5.5	-116.3	9.4	20.5
91 6 12	7659919140.5	11.8	15.5	86.6	7.9	6.4	-142.4	-16.7	20.6
91 7 17	7659919137.5	8.8	14.4	77.3	-1.4	6.0	-115.6	10.1	18.2
91 8 7	7659919117.3	-11.5	18.0	67.7	-11.0	6.2	-84.6	41.1	21.0
91 9 5	7659919153.6	24.9	21.7	84.2	5.6	6.2	-100.0	25.7	24.3
91 10 30	7659919106.4	-22.4	12.7	67.2	-11.4	5.2	-141.3	-15.7	16.2
91 11 13	7659919115.5	-13.3	9.5	67.5	-11.2	4.7	-128.1	-2.5	15.2
91 12 12	7659919152.2	23.5	18.7	72.2	-6.4	5.3	-151.8	-26.2	20.3

Table 7.305

Baseline summary for GILCREEK-MEDICINA

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
88 12 22	7266952151.2	.7	15.2	112.4	26.1	7.8	-99.8	18.4	26.1
90 8 21	7266952155.9	5.3	5.5	96.7	10.4	4.4	-116.7	1.5	9.6
91 3 29	7266952144.9	-5.6	5.6	67.8	-18.5	4.4	-122.6	-4.4	10.2

Table 7.306

Baseline summary for GILCREEK-MIZUSGSI

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 11 25	5134268165.5	.0	16.4	-1176.0	.0	11.1	-594.5	.0	34.6

Table 7.307

Baseline summary for GILCREEK-NOBEY 6M

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
89	11	20	5522166146.1	-32.6	30.4	73.0	-27.9	14.0	77.7	27.0	61.8
90	1	24	5522166157.3	-21.4	18.8	86.9	-14.0	8.9	78.3	27.6	40.9
90	3	28	5522166144.8	-33.9	12.7	100.8	-.1	6.1	99.5	48.9	25.8
90	7	21	5522166183.5	4.8	36.4	114.6	13.7	14.2	120.8	70.1	72.7
90	8	12	5522166174.7	-4.0	32.3	98.8	-2.1	12.6	114.3	63.6	61.4
90	11	18	5522166225.8	47.1	15.0	108.3	7.4	8.0	-64.0	-114.6	31.0
91	7	10	5522166225.5	46.8	22.1	114.5	13.7	9.5	34.9	-15.7	45.3

Table 7.308

Baseline summary for GILCREEK-NOTO

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
89	7	10	7973487667.1	-9.3	15.2	128.0	5.4	5.4	-129.1	14.0	19.1
89	7	19	7973487674.0	-2.4	13.5	118.8	-3.7	6.7	-170.2	-27.2	20.7
89	9	11	7973487707.8	31.3	20.1	122.4	-.2	6.1	-104.2	38.9	26.0
91	3	14	7973487655.0	-21.4	29.9	111.4	-11.2	10.8	-198.3	-55.2	41.2

Table 7.309

Baseline summary for GILCREEK-NRAO 140

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
90	9	7	5034558667.3	.0	6.1	35.1	.0	4.4	-89.7	.0	14.7

Table 7.310

Baseline summary for GILCREEK-PINFLATS

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
90	2	10	3999058533.3	-9.1	11.2	54.0	5.6	4.9	43.8	32.9	33.5
90	2	11	3999058552.6	10.2	11.9	42.1	-6.4	5.3	-22.2	-33.1	33.5

Table 7.311

Baseline summary for GILCREEK-PVERDES

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
90	2	5	3923759634.4	-8.2	11.9	56.5	-1.8	5.5	-1.5	21.0	34.5
90	2	6	3923759649.4	6.8	10.8	59.5	1.2	4.6	-38.2	-15.7	29.8

Table 7.312

Baseline summary for GILCREEK-QUINCY

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
89	11	2	3227111803.8	12.9	12.2	45.5	7.1	6.3	-33.5	-25.2	41.7
89	11	3	3227111799.4	8.5	13.1	40.1	1.7	6.9	11.2	19.6	46.7
90	10	8	3227111778.4	-12.5	11.3	33.9	-4.5	5.6	2.3	10.6	40.2
90	10	9	3227111785.6	-5.3	11.8	36.2	-2.1	5.5	-10.1	-1.8	41.4

Table 7.313

Baseline summary for GILCREEK-SANPAULA

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
90	1	31	3841665979.1	-7.2	13.6	63.2	1.1	5.8	-19.3	16.0	39.6
90	2	1	3841665993.3	7.1	13.5	61.2	-.9	5.3	-51.3	-16.0	39.7

Table 7.314
Baseline summary for GILCREEK-SANTIA12

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 12 18	10696510857.0	4.6	39.4	1562.0	-4.1	10.0	728.1	3.3	28.3
91 12 19	10696510850.0	-2.4	28.7	1569.7	3.6	9.5	722.8	-2.0	21.8

Table 7.315
Baseline summary for GILCREEK-SEATTLE1

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 8 9	2429596196.6	-11.8	9.8	23.2	4.4	5.6	91.0	60.3	42.4
90 8 10	2429596225.7	17.4	11.9	12.3	-6.5	6.7	-61.4	-92.1	52.4

Table 7.316
Baseline summary for GILCREEK-SEST

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 5 24	10483693348.3	17.8	32.6	-55.1	10.0	12.6	-93.6	12.4	24.3
90 5 25	10483693307.0	-23.5	37.5	-78.2	-13.1	14.4	-123.5	-17.5	28.9

Table 7.317
Baseline summary for GILCREEK-SHANGHAI

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
86 6 14	6619027546.9	.0	69.4	141.8	.0	43.2	235.9	.0	155.1

Table 7.318
Baseline summary for GILCREEK-TRYSILNO

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 11 9	5678966116.2	24.5	13.6	205.4	-.5	5.3	-382.1	-23.8	26.4
91 11 16	5678966102.9	11.2	8.9	207.7	1.8	4.3	-359.5	-1.3	18.0
91 12 10	5678966087.9	-3.8	11.5	203.5	-2.5	4.7	-344.9	13.4	23.2
91 12 15	5678966084.4	-7.4	8.4	203.8	-2.1	4.2	-368.5	-10.2	16.8
91 12 21	5678966089.5	-2.2	10.4	207.0	1.1	4.6	-349.9	8.4	20.9
91 12 31	5678966069.4	-22.3	13.6	209.2	3.2	5.5	-331.0	27.3	30.1

Table 7.319
Baseline summary for GILCREEK-VICTORIA

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 8 2	2318448276.9	-.1	10.3	11.1	-3.8	5.1	8.2	16.0	42.8
90 8 3	2318448284.3	7.2	12.1	13.3	-1.6	5.9	-6.8	.9	48.4
90 8 4	2318448270.3	-6.8	11.8	20.6	5.6	5.4	-30.7	-22.9	50.1

Table 7.320
Baseline summary for GILCREEK-YELLOWKN

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
84 8 25	1631193649.9	-7.2	7.2	56.1	7.2	5.2	155.3	32.8	43.1
85 9 5	1631193662.2	5.0	6.0	44.0	-4.9	4.3	101.2	-21.3	34.7

Table 7.321

Baseline summary for GILCREEK-YLOW7296

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
91	7	1	1630815494.0	-2.4	2.8	1015.6	-1.1	2.4	111.5	-7.1	10.5
91	7	13	1630815492.0	-4.3	4.9	1010.3	-6.4	4.6	146.3	27.7	21.2
91	7	14	1630815493.3	-3.0	4.9	1024.5	7.8	4.4	130.6	12.0	20.4
91	7	18	1630815502.0	5.6	3.9	1019.6	3.0	3.6	106.8	-11.7	18.7
91	7	19	1630815495.5	-.9	3.9	1019.6	2.9	3.5	129.5	11.0	15.8
91	7	23	1630815489.3	-7.1	4.0	1024.8	8.1	4.0	127.0	8.4	18.0
91	7	24	1630815498.1	1.7	3.9	1011.3	-5.4	4.1	109.7	-8.8	16.0
91	8	4	1630815501.7	5.3	2.9	1013.6	-3.1	2.4	115.4	-3.2	10.7

Table 7.322

Baseline summary for GOLDVENU-HRAS 085

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
81	11	20	1302373944.1	-5.5	5.6	-1.1	-7.2	5.2	-9.3	4.4	35.6
82	6	22	1302373955.0	5.4	9.3	29.1	23.0	8.2	-48.0	-34.3	50.1
82	10	24	1302373953.9	4.3	6.1	-3.0	-9.0	10.9	2.5	16.1	39.8

Table 7.323

Baseline summary for GOLDVENU-KASHIM34

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
90	8	21	8101501399.0	.0	7.1	121.1	.0	6.2	175.5	.0	11.3

Table 7.324

Baseline summary for GOLDVENU-KASHIMA

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
91	8	13	8101442306.4	.0	10.5	117.6	.0	7.4	175.6	.0	15.7

Table 7.325

Baseline summary for GOLDVENU-MEDICINA

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
90	8	21	8838183458.4	19.4	7.2	96.7	15.2	4.8	-136.8	4.3	10.8
91	3	29	8838183419.0	-20.0	7.4	66.8	-14.7	4.7	-146.1	-4.9	11.6

Table 7.326

Baseline summary for GOLDVENU-MOJ 7288

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
87	11	2	12776768.0	.0	2.2	-3.4	.0	2.3	-5.7	.0	15.6

Table 7.327

Baseline summary for GOLDVENU-NRAO 140

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
81	11	20	3257509151.8	.0	7.0	22.8	.0	5.1	-85.7	.0	28.2

Table 7.328

Baseline summary for GOLDVENU-OVR 7853

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
87	11	2	258212541.4	.0	2.6	1.2	.0	2.0	-21.5	.0	11.5

Table 7.329
Baseline summary for GOLDVENU-PRESIDIO

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
83 8 28	580657651.9	.0	15.5	-22.3	.0	11.0	-171.8	.0	82.9

Table 7.330
Baseline summary for GOLDVENU-PT REYES

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
83 8 28	633483755.5	.0	14.2	-52.3	.0	9.9	-18.7	.0	70.2

Table 7.331
Baseline summary for GOLDVENU-QUINCY

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
82 10 24	639556785.2	.0	5.5	27.3	.0	6.7	39.0	.0	41.9

Table 7.332
Baseline summary for GOLDVENU-VNDNBERG

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
83 8 28	357563250.0	.0	9.7	-110.2	.0	8.4	73.3	.0	74.9

Table 7.333
Baseline summary for GORF7102-HRAS 085

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 5 31	2618744927.6	.0	6.5	-6.8	.0	5.0	20.8	.0	27.5

Table 7.334
Baseline summary for GORF7102-MARPOINT

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 5 31	79845258.1	-1.9	4.1	-3.2	-6.2	3.3	-24.9	-6.7	25.4
89 6 1	79845266.5	6.5	7.6	23.3	20.2	6.0	-1.6	16.5	39.8

Table 7.335
Baseline summary for GORF7102-SANTIA12

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 11 22	7492886974.3	.0	31.6	1274.3	.0	10.3	1220.7	.0	49.4

Table 7.336
Baseline summary for GORF7102-WETTZELL

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 11 22	6522072797.8	.0	24.5	47.3	.0	7.8	-98.2	.0	43.9

Table 7.337
Baseline summary for GRASSE -MOJAVE12

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 9 15	8701934679.4	.0	21.6	83.9	.0	8.2	134.2	.0	32.1

Table 7.338

Baseline summary for GRASSE -NOTO

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 9 13	1024494286.8	-2.9	4.1	12.6	.2	5.7	-22.8	20.0	24.1
89 9 14	1024494293.0	3.3	4.4	12.3	-.1	4.6	-57.6	-14.7	20.6

Table 7.339

Baseline summary for GRASSE -RICHMOND

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 9 15	7392007137.8	.0	20.6	41.3	.0	9.4	108.8	.0	36.1

Table 7.340

Baseline summary for GRASSE -WESTFORD

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 9 15	5890367638.7	.0	12.8	39.9	.0	7.5	94.4	.0	30.9

Table 7.341

Baseline summary for GRASSE -WETTZELL

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 9 13	753160843.8	-1.0	3.4	8.0	2.2	4.4	16.1	7.9	15.6
89 9 14	753160846.0	1.2	3.0	7.5	1.6	3.4	7.2	-1.0	12.7
89 9 15	753160841.4	-3.3	4.1	3.2	-2.6	3.7	-25.7	-33.9	23.9
89 9 17	753160848.0	3.3	4.7	5.2	-.7	3.3	18.3	10.1	17.5

Table 7.342

Baseline summary for HALEAKAL-KAUAI

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
88 6 26	386841603.6	-3.2	8.1	-25.0	-31.8	8.5	-36.0	-74.5	54.5
88 7 2	386841608.0	1.1	8.4	-7.2	-14.0	9.3	-48.5	-86.9	55.4
88 7 10	386841607.1	.3	3.0	14.7	7.9	3.6	59.7	21.2	19.9

Table 7.343

Baseline summary for HALEAKAL-MOJAVE12

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
88 6 26	4090637528.8	-17.6	19.2	63.9	7.3	9.8	-44.6	52.5	57.3
88 7 2	4090637510.2	-36.1	19.5	51.0	-5.5	11.2	-130.9	-33.9	61.0
88 7 10	4090637555.1	8.7	7.8	55.6	-.9	5.4	-101.5	-4.5	25.5

Table 7.344

Baseline summary for HARTRAO -HOBART26

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 12 21	9167618287.2	-49.7	61.4	-48.5	22.6	16.2	-184.1	-80.9	73.1
90 2 9	9167618305.9	-30.9	51.6	-69.9	1.1	19.4	-192.1	-88.8	79.6
90 3 16	9167618268.4	-68.4	99.5	-96.9	-25.8	32.2	-112.7	-9.5	105.5
90 4 27	9167618305.1	-31.7	34.9	-63.4	7.7	8.3	-133.3	-30.0	43.9
90 5 16	9167618268.3	-68.5	42.1	-61.3	9.8	10.5	-227.4	-124.1	52.7
90 5 24	9167618421.1	84.2	42.8	-41.9	29.1	12.7	67.6	170.8	44.2
90 5 25	9167618475.9	139.0	32.0	-62.6	8.4	10.0	-43.5	59.7	32.3
90 6 20	9167618171.1	-165.7	61.7	-68.9	2.1	11.8	6.3	109.6	82.3
90 7 18	9167618338.8	1.9	36.2	-77.8	-6.8	9.7	-232.5	-129.3	49.3
90 8 9	9167618239.6	-97.2	31.2	-59.9	11.1	9.7	-39.1	64.2	47.5

Table 7.344 (continued)

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 9 14	9167618250.3	-86.5	41.1	-74.5	-3.5	13.8	-161.9	-58.7	61.9
90 10 16	9167618374.0	37.2	37.5	-73.8	-2.8	12.7	-51.9	51.4	59.2
90 11 8	9167618270.7	-66.2	40.3	-73.5	-2.4	13.5	-211.2	-107.9	60.7
90 12 13	9167618315.3	-21.5	61.8	-56.2	14.8	17.0	-89.6	13.6	76.4
91 1 10	9167618249.3	-87.6	50.4	-64.3	6.8	14.3	-211.1	-107.8	66.5
91 2 12	9167618421.3	84.5	46.7	-52.2	18.9	11.4	-95.1	8.1	65.6
91 4 16	9167618358.3	21.5	26.1	-81.6	-10.6	9.9	-105.3	-2.0	25.9
91 5 16	9167618230.6	-106.2	45.9	-69.7	1.4	13.0	-157.7	-54.4	53.5
91 6 25	9167618346.5	9.7	50.8	-75.6	-4.6	14.1	-111.1	-7.9	60.2
91 7 9	9167618330.3	-6.5	45.5	-105.7	-34.7	11.5	-157.0	-53.8	57.1
91 7 19	9167618289.6	-47.2	21.5	-63.4	7.7	9.1	-104.6	-1.3	21.6
91 8 22	9167618343.5	6.7	50.4	-60.1	11.0	13.0	-49.7	53.5	68.6
91 9 10	9167618366.5	29.7	43.3	-67.0	4.0	10.9	30.1	133.3	54.2
91 11 21	9167618359.1	22.2	26.6	-74.2	-3.2	10.0	-155.7	-52.4	29.7
91 12 11	9167618407.3	70.4	22.0	-88.6	-17.6	8.8	-63.4	39.8	24.0
91 12 18	9167618348.7	11.8	40.0	-83.3	-12.3	9.0	-83.6	19.6	37.6
91 12 19	9167618372.2	35.4	29.6	-85.4	-14.4	9.4	-129.2	-26.0	28.2

Table 7.345

Baseline summary for HARTRAO -KASHIM34

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 5 24	11181747911.9	168.5	50.7	140.1	-45.8	14.8	-8.8	75.2	25.8
90 5 25	11181747891.6	148.2	33.8	180.7	-5.2	13.6	-38.2	45.8	19.1
91 4 16	11181747766.5	23.0	31.0	195.3	9.5	12.3	-120.3	-36.3	19.4
91 7 19	11181747667.0	-76.4	23.7	165.4	-20.5	10.7	-101.4	-17.5	14.9
91 12 18	11181747718.1	-25.3	44.0	216.2	30.3	11.6	-87.8	-3.8	26.1
91 12 19	11181747678.9	-64.5	30.2	202.7	16.8	11.5	-105.3	-21.3	19.4

Table 7.346

Baseline summary for HARTRAO -KASHIMA

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 4 4	11181845850.2	-83.2	68.8	201.9	-22.0	18.4	-153.5	-86.7	46.5
90 5 9	11181845947.6	14.2	28.4	230.6	6.7	10.1	-52.5	14.2	18.8

Table 7.347

Baseline summary for HARTRAO -KAUAI

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 5 24	12723069165.4	109.5	55.6	-144.2	18.7	14.5	-296.4	62.8	14.5
90 5 25	12723069156.1	100.2	38.8	-137.4	25.6	13.0	-338.4	20.7	14.0
91 12 18	12723069016.7	-39.2	51.8	-174.2	-11.2	11.9	-393.7	-34.5	12.8
91 12 19	12723068932.2	-123.7	37.6	-186.0	-23.0	12.0	-390.4	-31.2	12.7

Table 7.348

Baseline summary for HARTRAO -MATERA

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 11 20	7032844472.9	.0	16.6	111.4	.0	6.7	210.0	.0	27.0

Table 7.349
Baseline summary for HARTRAO -MOJAVE12

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 12 22	12260678951.4	-93.8	46.9	-27.2	33.6	16.4	239.2	-65.9	26.5
90 1 30	12260678979.1	-66.1	27.8	-25.1	35.7	11.5	244.6	-60.5	19.3
90 4 24	12260679037.5	-7.7	30.0	-46.8	14.0	11.6	283.9	-21.2	18.1
90 5 22	12260679034.6	-10.6	22.0	-42.6	18.2	10.6	292.8	-12.3	14.8
90 6 26	12260679031.2	-14.1	36.2	-30.1	30.7	12.3	273.0	-32.1	19.4
90 7 20	12260678991.1	-54.1	45.5	-45.8	15.0	14.9	303.4	-1.7	28.8
90 8 14	12260679124.5	79.3	69.3	-33.9	26.9	15.8	352.2	47.1	29.7
90 9 28	12260679045.6	.4	37.7	-47.2	13.6	12.9	279.0	-26.1	20.9
90 10 19	12260678998.9	-46.3	32.6	-27.3	33.5	13.1	304.0	-1.1	19.3
90 11 27	12260679068.3	23.0	23.7	-60.4	.4	11.9	320.3	15.2	15.7
90 12 11	12260679075.8	30.5	25.2	-89.8	-29.0	11.4	315.0	9.9	15.9
91 1 17	12260679060.9	15.6	43.9	-87.1	-26.3	15.4	332.2	27.1	25.0
91 2 14	12260679093.3	48.0	24.3	-71.4	-10.6	11.1	321.0	15.9	15.8
91 3 26	12260679039.8	-5.4	32.8	-54.8	6.0	13.5	289.2	-15.9	20.9
91 4 24	12260679148.2	103.0	27.3	-92.4	-31.6	13.2	329.7	24.6	20.3
91 5 8	12260678968.5	-76.7	34.6	-57.9	2.9	13.6	297.1	-8.0	20.6
91 6 12	12260679041.9	-3.3	29.7	-98.6	-37.8	12.0	347.3	42.2	18.2
91 7 17	12260678981.8	-63.4	24.6	-34.6	26.2	10.2	283.0	-22.1	15.0
91 8 7	12260679059.6	14.3	25.7	-95.6	-34.8	11.0	350.3	45.2	15.9
91 9 5	12260679063.4	18.2	24.9	-75.9	-15.1	11.0	316.1	11.0	15.4
91 10 30	12260679063.7	18.5	26.2	-54.1	6.7	9.7	308.4	3.3	13.6
91 11 13	12260679054.3	9.1	25.9	-74.9	-14.1	10.5	318.0	12.9	14.2
91 12 12	12260679041.1	-4.1	21.5	-82.0	-21.2	8.6	294.9	-10.2	11.6

Table 7.350
Baseline summary for HARTRAO -NOTO

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 5 8	6713445685.7	-35.0	21.5	73.1	5.3	8.9	58.6	-55.8	44.4
91 7 17	6713445718.7	-2.0	14.4	65.8	-2.0	6.8	61.2	-53.1	26.0
91 8 7	6713445741.8	21.1	14.3	69.0	1.3	7.5	145.1	30.7	27.8
91 9 5	6713445717.4	-3.3	13.9	65.3	-2.4	7.2	157.6	43.2	25.4

Table 7.351
Baseline summary for HARTRAO -NRAO85 3

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 11 20	10971697931.3	.0	28.4	-30.9	.0	11.2	290.6	.0	21.3

Table 7.352
Baseline summary for HARTRAO -SANTIA12

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 11 21	8424406048.7	-30.2	25.1	-1753.6	-20.1	10.9	1135.8	-5.4	33.6
91 12 11	8424406133.1	54.1	27.6	-1730.6	3.0	11.1	1146.0	4.9	31.9
91 12 18	8424406077.4	-1.6	42.8	-1729.6	3.9	10.8	1158.6	17.5	50.9
91 12 19	8424406058.9	-20.0	30.0	-1722.6	11.0	10.0	1133.3	-7.8	33.9

Table 7.353
Baseline summary for HARTRAO -SESHAN25

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 4 4	10160763353.3	-92.4	62.2	195.6	-24.2	18.2	-89.0	-75.6	51.6
90 5 9	10160763504.3	58.5	24.3	220.2	.4	9.2	-11.7	1.7	20.1
91 4 16	10160763473.5	27.7	28.4	215.3	-4.5	12.3	-34.5	-21.2	22.1
91 7 19	10160763401.6	-44.2	24.2	190.1	-29.7	11.0	-39.7	-26.4	19.5
91 10 8	10160763455.2	9.5	41.4	231.2	11.3	16.4	32.4	45.7	29.8
91 12 18	10160763407.7	-38.1	47.7	248.6	28.8	12.8	43.8	57.2	38.5
91 12 19	10160763391.8	-53.9	49.0	246.7	26.9	14.5	64.5	77.9	40.7

Table 7.354

Baseline summary for HARTRAO -SEST

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 5 24	8572702592.6	22.3	41.7	-98.3	2.8	14.5	229.4	-6.4	49.1
90 5 25	8572702552.2	-18.0	37.5	-104.3	-3.2	15.5	240.4	4.5	41.2

Table 7.355

Baseline summary for HATCREEK-HAYSTACK

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
84 4 27	4032976720.4	-12.9	6.5	35.6	8.8	6.3	-51.1	14.6	26.5
89 10 24	4032976770.3	37.0	11.0	15.7	-11.1	7.1	-80.1	-14.4	26.3

Table 7.356

Baseline summary for HATCREEK-JPL MV1

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
83 6 30	789070042.4	30.9	5.7	-66.2	-43.4	6.7	24.5	-10.1	38.6
87 10 19	789069956.1	-55.5	7.6	2.1	24.9	5.1	50.7	16.2	48.8

Table 7.357

Baseline summary for HATCREEK-KASHIM34

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 10 11	7557379013.8	.0	25.8	119.1	.0	8.7	150.1	.0	40.0

Table 7.358

Baseline summary for HATCREEK-KODIAK

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
87 7 16	2870190264.3	-2.9	11.8	30.3	1.3	7.0	-24.2	-47.3	46.0
87 7 18	2870190268.7	1.5	8.7	28.5	-.6	4.7	47.0	23.8	32.6

Table 7.359

Baseline summary for HATCREEK-MAMMOTHL

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
83 6 30	414535909.7	.0	9.3	-7.4	.0	6.6	-52.4	.0	49.4

Table 7.360

Baseline summary for HATCREEK-PINFLATS

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 2 10	914296115.7	-10.1	4.9	16.5	3.6	3.8	10.5	8.5	33.0
90 2 11	914296137.2	11.4	5.2	8.4	-4.5	4.3	-6.7	-8.7	33.6

Table 7.361

Baseline summary for HATCREEK-PVERDES

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 1 25	830152849.6	17.2	7.6	27.0	2.5	4.7	1.4	-3.4	37.7
89 1 26	830152858.7	26.2	7.2	21.8	-2.7	5.2	40.7	36.0	37.5
90 2 5	830152817.8	-14.6	5.4	25.9	1.4	4.3	18.7	13.9	33.2
90 2 6	830152825.0	-7.4	4.9	23.4	-1.1	3.5	-25.4	-30.2	29.0

Table 7.362
Baseline summary for HATCREEK-SANPAULA

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 1 29	745783179.7	4.3	5.8	24.4	-1.7	4.8	56.8	70.3	33.8
89 1 30	745783194.5	19.1	5.3	26.3	.3	5.5	-69.6	-56.2	34.2
90 1 31	745783158.7	-16.7	5.5	31.9	5.9	4.7	-25.3	-11.9	38.6
90 2 1	745783167.7	-7.7	5.7	22.5	-3.5	4.1	-21.4	-7.9	38.5

Table 7.363
Baseline summary for HATCREEK-SNDPOINT

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
87 7 26	3229864839.0	.0	492.1	-63.0	.0	76.1	-882.5	.0	1904.4

Table 7.364
Baseline summary for HATCREEK-YAKATAGA

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
87 8 8	2569202492.1	-1.9	15.2	108.8	6.7	12.6	-106.4	-20.1	57.8
87 8 14	2569202503.6	9.5	9.7	105.0	2.9	4.2	-71.2	15.1	41.3
87 8 15	2569202482.7	-11.4	11.1	95.8	-6.3	5.5	-92.4	-6.1	46.3

Table 7.365
Baseline summary for HAYSTACK-KASHIM34

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 8 21	9501718942.1	.0	7.6	173.3	.0	5.9	167.4	.0	11.5

Table 7.366
Baseline summary for HAYSTACK-KASHIMA

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
84 8 31	9501780074.3	105.7	19.7	111.7	-26.5	5.2	38.0	-112.1	21.8
84 9 3	9501779991.9	23.4	34.1	104.2	-34.1	8.6	77.7	-72.3	35.5
91 8 13	9501779928.1	-40.5	11.8	203.0	64.8	6.7	220.6	70.6	15.5

Table 7.367
Baseline summary for HAYSTACK-KODIAK

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 7 7	5466172815.5	.0	19.5	63.5	.0	5.9	89.0	.0	42.0

Table 7.368
Baseline summary for HAYSTACK-MARPOINT

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
82 6 19	677293406.4	-1.6	4.4	16.7	4.1	3.2	-25.4	7.9	22.0
82 6 20	677293409.8	1.7	4.5	8.5	-4.1	3.2	-43.3	-9.9	24.6

Table 7.369
Baseline summary for HAYSTACK-MEDICINA

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 8 21	6143998947.2	-16.2	4.8	57.5	7.5	4.2	-82.1	-8.9	10.0
91 3 29	6143998978.7	15.3	4.7	42.8	-7.2	4.1	-63.4	9.7	10.4

Table 7.370
Baseline summary for HAYSTACK-PIETOWN

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 7 30	3263328889.3	7.6	2.1	4.0	-2.4	2.1	82.9	3.0	6.8
89 10 16	3263328886.2	4.5	1.8	10.7	4.3	1.9	85.1	5.2	5.5
89 10 17	3263328879.1	-2.5	1.5	7.0	.6	1.8	73.7	-6.2	5.0
89 10 18	3263328881.2	-.5	1.6	7.3	.9	1.8	75.9	-4.1	4.9
89 10 19	3263328878.5	-3.1	1.5	1.2	-5.2	1.7	94.1	14.1	4.7
89 10 23	3263328883.6	2.0	1.4	8.0	1.6	1.7	80.9	1.0	4.4
89 10 24	3263328878.0	-3.6	1.7	7.6	1.2	1.8	70.8	-9.1	5.0
89 10 26	3263328881.9	.3	1.6	10.7	4.2	1.8	75.3	-4.7	4.8
89 10 27	3263328881.5	-.1	1.3	6.1	-.3	1.6	77.1	-2.8	4.0
89 10 28	3263328874.8	-6.9	1.3	3.3	-3.1	1.6	71.7	-8.3	4.3
89 10 29	3263328885.4	3.8	1.3	1.3	-5.2	1.6	88.1	8.2	4.2
89 10 31	3263328880.5	-1.1	1.5	5.8	-.7	1.6	77.7	-2.2	4.6
89 11 1	3263328885.7	4.1	1.5	11.9	5.5	1.7	87.1	7.2	4.6

Table 7.371
Baseline summary for HAYSTACK-PLATTVIL

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
84 4 27	2753205378.2	.0	11.1	39.7	.0	6.7	133.0	.0	47.5

Table 7.372
Baseline summary for HAYSTACK-PRESIDIO

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 10 24	4224649418.2	.0	15.9	57.1	.0	8.5	125.9	.0	40.1

Table 7.373
Baseline summary for HAYSTACK-ROBLED32

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
83 5 6	5299699239.4	.0	26.0	111.6	.0	7.1	-36.2	.0	56.4

Table 7.374
Baseline summary for HAYSTACK-VNDNBERG

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 10 24	4229299763.8	.0	11.5	84.0	.0	7.5	53.0	.0	27.5

Table 7.375
Baseline summary for HAYSTACK-YAKATAGA

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 7 27	4895243303.3	.0	14.1	94.1	.0	5.0	64.6	.0	33.2

Table 7.376
Baseline summary for HOBART26-KASHIM34

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 3 23	8071309341.9	18.4	7.0	-4.3	24.4	5.9	-46.1	-14.8	10.9
90 3 28	8071309331.8	8.4	11.2	-18.6	10.1	6.5	-83.1	-51.8	18.1
90 5 24	8071309338.8	15.4	20.5	-39.2	-10.5	8.7	-54.6	-23.4	27.5
90 5 25	8071309380.8	57.3	19.9	-24.8	4.0	9.8	7.5	38.8	27.8
90 6 23	8071309334.7	11.2	25.6	-47.8	-19.1	9.3	20.0	51.2	33.7
90 7 21	8071309340.2	16.8	30.5	6.0	34.7	15.5	-55.7	-24.5	45.4

Table 7.376 (continued)

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 9 11	8071309283.2	-40.3	29.7	-14.5	14.3	12.4	-60.1	-28.9	37.3
90 10 6	8071309312.1	-11.4	15.1	-26.1	2.7	7.7	-107.7	-76.4	23.8
90 11 18	8071309336.1	12.6	18.3	-1.5	27.2	8.8	-63.3	-32.1	29.1
90 12 18	8071309260.0	-63.4	27.3	-12.0	16.8	11.1	55.7	86.9	41.2
91 2 25	8071309326.8	3.3	25.8	-30.3	-1.6	10.3	40.7	72.0	38.7
91 3 25	8071309292.6	-30.9	22.1	-28.1	.6	8.9	-21.5	9.8	29.5
91 4 16	8071309330.4	6.9	19.1	-38.9	-10.2	9.7	-20.0	11.2	26.9
91 5 15	8071309328.2	4.7	20.2	-56.5	-27.8	9.0	-26.7	4.5	32.8
91 7 10	8071309292.9	-30.6	26.7	-36.6	-7.8	10.0	-16.9	14.4	41.3
91 7 19	8071309290.5	-32.9	15.3	-42.8	-14.1	8.2	7.1	38.3	21.7
91 12 18	8071309259.2	-64.3	18.5	-38.4	-9.7	7.7	-1.1	30.2	24.6
91 12 19	8071309287.2	-36.3	17.9	-58.7	-29.9	7.9	58.8	90.1	24.1

Table 7.377

Baseline summary for HOBART26-KASHIMA

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 9 27	8071140691.0	51.3	29.8	-11.8	-.4	11.0	-28.4	28.4	42.4
89 11 26	8071140646.1	6.4	12.7	-5.8	5.6	7.4	-71.5	-14.8	18.4
89 12 19	8071140643.2	3.5	14.4	1.3	12.7	5.9	-35.3	21.4	20.2
89 12 20	8071140648.3	8.6	10.7	-14.5	-3.1	5.9	-60.9	-4.2	17.8
90 2 13	8071140651.9	12.2	12.3	-21.3	-9.9	6.6	-28.0	28.7	21.1
90 3 23	8071140628.4	-11.3	7.9	-2.6	8.8	6.1	-35.8	21.0	11.8
90 3 28	8071140634.4	-5.3	11.8	-17.7	-6.3	6.6	-88.9	-32.1	18.6
90 4 14	8071140609.2	-30.5	18.4	-17.0	-5.6	9.6	-116.1	-59.4	32.1
90 6 29	8071140643.4	3.7	10.0	-17.9	-6.5	6.2	-72.5	-15.8	14.5

Table 7.378

Baseline summary for HOBART26-MOJAVE12

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 12 20	10845184296.1	5.3	16.7	-30.7	-7.4	9.2	-212.0	-11.9	13.0
90 2 13	10845184307.4	16.5	19.1	-47.5	-24.2	9.7	-186.9	13.2	14.6
90 3 28	10845184271.3	-19.6	16.9	-60.1	-36.9	10.2	-225.7	-25.5	13.5
90 4 14	10845184270.0	-20.9	29.6	-22.5	.7	14.6	-261.1	-60.9	23.0
90 5 7	10845184299.0	8.1	35.7	-28.2	-5.0	12.5	-191.8	8.4	26.8
90 6 23	10845184378.4	87.5	26.9	-37.8	-14.6	11.6	-181.3	18.8	20.8
90 7 21	10845184295.4	4.5	36.1	-43.4	-20.1	12.4	-233.4	-33.3	29.2
90 9 9	10845184288.0	-2.8	32.5	-43.6	-20.4	12.1	-207.5	-7.4	24.1
90 10 6	10845184234.5	-56.3	23.0	-31.9	-8.6	11.6	-235.8	-35.7	16.8
90 11 18	10845184265.4	-25.5	27.7	-16.2	7.0	13.0	-235.2	-35.0	21.0
90 12 18	10845184371.3	80.5	34.2	-33.3	-10.0	13.7	-192.2	8.0	26.5
91 1 11	10845184374.2	83.3	44.6	2.2	25.4	19.7	-127.3	72.9	43.5
91 2 25	10845184325.3	34.5	38.5	-3.7	19.5	13.5	-173.6	26.6	26.0
91 5 15	10845184263.3	-27.6	28.5	-11.4	11.9	12.5	-165.2	35.0	20.5
91 6 26	10845184363.8	73.0	47.6	-18.8	4.4	13.6	-134.6	65.6	34.3
91 7 10	10845184305.0	14.2	35.8	-15.6	7.6	14.2	-190.9	9.2	26.8
91 8 21	10845184333.4	42.5	54.9	1.5	24.8	13.8	-191.1	9.0	38.3
91 9 26	10845184258.2	-32.7	38.3	-13.9	9.3	14.9	-164.3	35.8	31.9
91 11 20	10845184248.6	-42.2	22.7	31.3	54.6	11.1	-154.3	45.9	19.6
91 12 4	10845184273.6	-17.3	36.7	59.8	83.0	17.9	-132.8	67.4	32.6

Table 7.379

Baseline summary for HOBART26-HOBEY 6M

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 3 28	8086554620.6	-33.8	19.3	19.3	.5	7.7	-66.9	33.9	25.4
90 7 21	8086554632.7	-21.7	53.0	24.9	6.1	19.3	-65.9	34.9	70.7
90 11 18	8086554712.4	58.0	23.6	31.4	12.6	9.9	-175.5	-74.7	33.9
91 7 10	8086554647.5	-6.9	34.3	-2.6	-21.4	11.8	-86.3	14.5	51.2

Table 7.380
Baseline summary for HOBART26-ONSALA60

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 5 24	12256219583.3	-34.3	30.1	131.2	-4.8	12.2	23.4	-6.4	14.7
90 5 25	12256219652.7	35.2	30.5	142.0	6.0	13.5	36.8	7.1	15.4

Table 7.381
Baseline summary for HOBART26-SANTIA12

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 11 21	9522904354.7	-19.1	33.6	-750.7	-12.3	10.4	-678.5	20.9	27.4
91 12 11	9522904400.7	26.9	30.9	-723.9	14.4	12.1	-733.7	-34.4	26.8
91 12 18	9522904338.2	-35.6	41.3	-744.6	-6.3	11.6	-711.4	-12.1	34.8
91 12 19	9522904384.7	10.9	33.6	-730.8	7.6	10.9	-677.9	21.5	26.7

Table 7.382
Baseline summary for HOBART26-SESHAN25

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 12 19	7965496528.7	6.8	17.5	46.5	8.5	6.8	34.6	38.7	23.1
90 3 23	7965496531.7	9.8	7.3	48.2	10.1	5.7	6.8	10.9	10.9
90 6 29	7965496536.6	14.8	11.2	35.6	-2.4	6.4	-39.9	-35.7	16.0
90 9 11	7965496510.3	-11.6	22.9	51.4	13.4	11.6	-53.6	-49.4	32.7
91 3 25	7965496509.8	-12.1	16.4	39.0	.9	8.2	-42.1	-37.9	24.3
91 4 16	7965496522.9	1.0	19.1	17.3	-20.7	9.4	-1.5	2.6	27.0
91 7 19	7965496500.2	-21.7	18.0	9.7	-28.4	8.3	-2.2	2.0	24.2
91 12 18	7965496418.0	-103.9	28.0	32.8	-5.3	9.5	41.2	45.4	36.6
91 12 19	7965496436.2	-85.7	37.7	56.1	18.0	10.9	98.6	102.7	48.2

Table 7.383
Baseline summary for HOBART26-SEST

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 5 24	9773309624.4	-31.2	35.2	-151.4	8.6	11.5	-60.2	-35.7	32.9
90 5 25	9773309693.9	38.3	39.0	-172.3	-12.2	13.6	20.1	44.6	36.8

Table 7.384
Baseline summary for HOBART26-WESTFORD

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 5 24	12346564963.1	-21.4	30.0	-68.5	-49.1	12.8	-212.1	-3.1	13.7
90 5 25	12346565027.1	42.6	30.4	-81.9	-62.6	13.9	-200.0	8.9	15.1
91 12 18	12346564952.6	-31.9	28.4	23.2	42.5	13.0	-232.2	-23.3	12.7
91 12 19	12346564997.7	13.1	27.7	43.8	63.1	13.0	-189.9	19.1	12.5

Table 7.385
Baseline summary for HOBART26-WETTZELL

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 4 16	12247179534.3	-25.0	27.1	105.5	17.2	11.2	106.0	17.9	15.8
91 7 19	12247179584.8	25.5	23.7	138.5	50.2	10.3	35.0	-53.1	14.4
91 12 18	12247179528.2	-31.1	28.6	61.5	-26.8	11.0	101.6	13.4	14.5
91 12 19	12247179579.1	19.8	27.3	38.2	-50.1	11.4	113.7	25.6	14.5

Table 7.386
Baseline summary for HOHENFRG-MOJAVE12

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 6 22	8257097584.6	-.8	20.6	93.4	-5.5	8.6	85.5	-9.6	30.1
89 6 27	8257097586.1	.8	20.8	103.4	4.5	7.7	104.1	8.9	28.9

Table 7.387
Baseline summary for HOHENFRG-HOTO

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 6 22	1825225878.9	-3.7	5.3	34.4	-.9	4.3	-65.7	-5.1	23.7
89 6 24	1825225881.9	-.8	5.6	37.5	2.2	6.8	-39.2	21.5	21.6
89 6 25	1825225889.5	6.8	4.9	47.3	12.0	9.3	-75.1	-14.4	17.3
89 6 26	1825225883.5	.8	4.6	43.1	7.8	6.8	-69.0	-8.3	18.1
89 6 27	1825225877.2	-5.4	5.6	30.0	-5.3	4.2	-35.9	24.8	26.0

Table 7.388
Baseline summary for HOHENFRG-RICHMOND

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 6 22	7347945820.7	-4.2	17.6	58.0	.1	7.8	35.2	6.1	30.3
89 6 27	7347945829.6	4.8	18.7	57.8	-.1	7.6	22.7	-6.4	30.9

Table 7.389
Baseline summary for HOHENFRG-WESTFORD

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 6 22	5694164261.9	-10.0	13.3	55.2	-4.3	6.7	49.1	4.9	28.1
89 6 27	5694164281.6	9.7	13.1	63.0	3.5	6.0	39.6	-4.6	27.4

Table 7.390
Baseline summary for HOHENFRG-WETTZELL

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 6 22	465777112.1	-1.4	3.7	8.6	-3.7	3.6	-17.6	-14.6	23.2
89 6 24	465777111.4	-2.1	3.1	11.6	-.7	3.1	18.9	21.9	17.0
89 6 25	465777113.4	-.1	2.8	17.6	5.3	3.4	-20.8	-17.8	14.2
89 6 26	465777114.6	1.1	2.6	17.8	5.5	2.7	11.4	14.4	14.7
89 6 27	465777115.9	2.4	3.8	2.3	-9.9	3.4	-19.5	-16.5	24.4

Table 7.391
Baseline summary for HRAS 085-JPL MV1

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
82 10 17	1391413527.0	-124.2	15.0	-77.9	-54.7	11.5	190.4	157.3	88.3
83 6 30	1391413610.4	-40.8	6.8	-30.6	-7.4	10.2	-21.7	-54.8	46.7
87 10 19	1391413731.0	79.8	7.5	-4.1	19.0	6.3	42.4	9.3	43.2

Table 7.392
Baseline summary for HRAS 085-KODIAK

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 7 7	4645400664.8	.0	17.6	36.4	.0	6.1	61.7	.0	49.5

Table 7.393
Baseline summary for HRAS 085-LEONRDOK

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
87 8 25	957117024.1	.0	4.8	2.7	.0	4.8	-8.8	.0	32.1

Table 7.394
Baseline summary for HRAS 085-MAMMOTHL

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
83 6 30	1580143778.0	.0	10.3	-5.3	.0	12.8	-86.0	.0	58.2

Table 7.395
Baseline summary for HRAS 085-MARPOINT

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
82 10 19	2570813388.4	13.9	8.8	44.8	32.0	8.1	21.3	54.9	42.4
83 8 30	2570813393.6	19.1	36.7	23.9	11.1	30.4	41.8	75.4	163.5
89 5 31	2570813370.3	-4.1	4.6	3.6	-9.3	4.3	-45.9	-12.3	19.3

Table 7.396
Baseline summary for HRAS 085-MCD 7850

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
88 10 7	8125163.0	.0	2.6	.9	.0	2.2	14.0	.0	13.0

Table 7.397
Baseline summary for HRAS 085-MEDICINA

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
87 4 4	8604525608.2	49.4	258.3	117.1	26.3	21.3	-251.0	-139.4	290.1
87 5 4	8604525470.4	-88.5	29.1	118.0	27.2	7.5	-131.7	-20.0	35.6
87 12 10	8604525529.8	-29.1	19.8	106.7	15.9	5.7	-91.6	20.0	26.3
88 5 8	8604525611.3	52.5	29.8	91.6	.8	7.2	-122.3	-10.7	41.0
88 5 13	8604525566.2	7.4	24.5	95.3	4.5	6.6	-149.6	-37.9	33.4
88 5 18	8604525496.8	-62.1	43.8	83.4	-7.4	10.3	-88.1	23.5	54.2
88 8 6	8604525553.6	-5.3	12.7	78.5	-12.4	5.8	-102.0	9.6	18.5
88 8 21	8604525567.0	8.1	12.6	89.9	-.9	6.2	-109.2	2.4	20.5
88 10 30	8604525577.9	19.1	15.5	80.2	-10.6	6.7	-96.6	15.0	21.1
88 11 29	8604525551.3	-7.5	12.5	84.7	-6.2	5.9	-106.3	5.3	17.9
89 2 3	8604525570.4	11.6	25.0	63.5	-27.4	12.5	-106.4	5.2	32.5
89 2 18	8604525603.0	44.2	25.1	72.5	-18.3	13.2	-183.3	-71.7	32.4

Table 7.398
Baseline summary for HRAS 085-MILESMON

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
88 4 16	1751993829.4	.0	8.3	7.0	.0	4.9	6.2	.0	42.8

Table 7.399
Baseline summary for HRAS 085-NRAO85 3

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 5 31	2353779386.8	.0	4.7	.2	.0	4.2	-62.9	.0	21.2

Table 7.400
Baseline summary for HRAS 085-PENTICTN

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
84 8 25	2443354515.8	-4.5	15.3	32.5	8.0	5.2	181.3	107.2	76.1
85 8 29	2443354549.9	29.6	20.9	14.7	-9.9	12.8	-172.7	-246.9	98.4
85 9 5	2443354514.4	-5.8	10.9	20.0	-4.6	4.4	92.4	18.2	51.2

Table 7.401
Baseline summary for HRAS 085-PIETOWN

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
88 9 9	564620893.4	.6	2.4	1.8	.8	1.9	28.7	-7.0	11.9
88 10 7	564620892.0	-.7	2.2	.4	-.5	1.7	39.8	4.0	7.7
88 10 9	564620893.1	.3	2.5	.8	-.2	2.1	34.2	-1.5	9.2

Table 7.402
Baseline summary for HRAS 085-PINFLATS

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
85 11 3	1223294523.9	-27.4	11.2	-32.9	-12.5	10.7	85.6	72.5	60.3
86 2 27	1223294538.6	-12.7	9.0	-12.9	7.5	9.1	-48.0	-61.2	68.4
86 4 11	1223294545.6	-5.7	7.8	-31.5	-11.1	9.1	40.2	27.0	56.8
86 11 2	1223294555.4	4.1	4.4	-24.0	-3.6	4.6	40.3	27.1	32.2
86 12 14	1223294558.3	7.0	5.2	-10.0	10.4	5.7	-31.8	-44.9	33.0

Table 7.403
Baseline summary for HRAS 085-PRESIDIO

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
85 3 14	1870585809.9	-21.1	18.5	-16.2	.5	11.9	48.3	47.8	85.3
85 10 20	1870585821.6	-9.4	6.4	-24.4	-7.8	8.0	28.7	28.2	34.9
85 10 24	1870585825.8	-5.2	8.2	-16.6	.0	11.7	-97.1	-97.6	47.5
87 2 7	1870585853.1	22.1	7.7	-11.2	5.4	6.7	19.0	18.5	37.0

Table 7.404
Baseline summary for HRAS 085-PT REYES

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
85 3 14	1921015694.1	-8.1	14.3	-25.6	10.7	10.5	-34.8	-5.6	67.0
85 10 20	1921015704.9	2.7	8.3	-43.7	-7.4	8.7	-26.8	2.4	43.6

Table 7.405
Baseline summary for HRAS 085-ROBLED32

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
83 5 6	7975530221.5	.0	39.8	162.3	.0	11.5	-42.4	.0	59.7

Table 7.406
Baseline summary for HRAS 085-YELLOWKN

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
84 8 25	3572069881.0	6.7	15.6	15.6	-.2	4.5	217.5	68.4	48.4
85 9 5	3572069868.4	-5.9	14.7	16.0	.2	4.2	91.6	-57.5	44.3

Table 7.407

Baseline summary for JPL MV1 -MON PEAK

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
82 10 17	218307721.6	.0	7.6	7.8	.0	6.7	-213.6	.0	83.0

Table 7.408

Baseline summary for JPL MV1 -PRESIDIO

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
88 11 5	555228195.1	-3.3	6.1	8.4	-6.3	5.5	-51.0	-54.9	37.9
88 11 6	555228202.7	4.2	6.9	21.2	6.6	5.7	76.9	73.0	43.7

Table 7.409

Baseline summary for JPL MV1 -QUINCY

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
82 10 22	685704818.9	.0	86.2	-55.7	.0	30.8	-243.7	.0	430.9

Table 7.410

Baseline summary for KASHIM34-KASHIMA

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 3 23	311197.4	1.4	2.7	1.2	2.1	2.8	16.1	13.2	10.7
90 3 28	311195.5	-.6	3.3	.1	1.0	3.6	-6.6	-9.5	16.0
90 4 20	311200.3	4.2	3.3	-3.1	-2.1	4.2	8.5	5.6	13.4
90 5 11	311200.5	4.5	7.2	10.2	11.1	8.0	-35.0	-37.8	33.2
90 6 26	311196.7	.6	4.6	-4.8	-3.8	5.1	1.0	-1.9	20.4
90 7 1	311193.9	-2.2	1.8	-2.1	-1.1	2.1	-10.9	-13.8	13.9

Table 7.411

Baseline summary for KASHIM34-KAUAI

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 3 23	5709565756.1	42.1	4.8	53.9	14.8	4.6	-176.8	7.8	9.9
90 4 20	5709565746.9	32.9	5.7	45.4	6.2	4.9	-163.2	21.4	12.7
90 5 24	5709565715.1	1.1	10.2	40.7	1.5	6.8	-156.7	27.9	21.1
90 5 25	5709565723.1	9.1	10.2	35.8	-3.4	7.2	-174.5	10.1	21.8
90 9 11	5709565704.4	-9.7	22.1	28.6	-10.6	11.5	-180.0	4.6	42.3
90 10 11	5709565707.9	-6.1	5.5	38.8	-.4	5.3	-196.8	-12.2	13.3
91 3 25	5709565674.5	-39.5	16.6	35.2	-4.0	7.5	-227.0	-42.4	30.7
91 8 26	5709565635.4	-78.6	7.2	36.4	-2.8	6.0	-189.3	-4.7	15.3
91 12 18	5709565655.5	-58.5	12.0	20.2	-19.0	7.0	-251.3	-66.7	24.4
91 12 19	5709565627.7	-86.4	12.0	25.1	-14.1	6.9	-220.0	-35.4	25.8

Table 7.412

Baseline summary for KASHIM34-MARCUS

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 6 26	1812578162.5	.0	5.4	66.9	.0	4.8	-69.0	.0	20.0

Table 7.413

Baseline summary for KASHIM34-MEDICINA

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 8 21	8811182224.6	.0	7.2	195.7	.0	6.4	-52.2	.0	10.8

Table 7.414

Baseline summary for KASHIM34-MOJAVE12

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
90	3	28	8091883097.5	-6.1	10.1	114.5	-10.1	6.2	-157.7	-2.1	15.3
90	6	23	8091883124.0	20.4	20.2	105.8	-18.8	9.1	-231.9	-76.3	28.7
90	7	21	8091883091.0	-12.6	26.5	122.2	-2.3	11.3	-156.5	-.9	34.5
90	8	12	8091883115.4	11.8	13.2	132.0	7.4	7.6	-115.5	40.1	21.1
90	10	6	8091883115.8	12.2	11.1	127.2	2.6	7.2	-135.4	20.2	17.4
90	11	18	8091883101.2	-2.4	15.3	144.2	19.6	8.9	-128.9	26.7	22.7
90	12	18	8091883066.1	-37.5	24.4	71.1	-53.5	15.4	-281.1	-125.5	31.0
91	2	25	8091883084.5	-19.1	13.4	134.2	9.6	8.2	-182.2	-26.6	20.1
91	4	2	8091883108.3	4.7	12.9	138.1	13.5	7.4	-115.5	40.1	20.5
91	5	15	8091883103.7	.1	15.0	133.1	8.5	8.0	-134.6	21.0	21.8
91	7	10	8091883107.6	4.0	17.8	103.5	-21.1	10.0	-194.0	-38.4	28.0

Table 7.415

Baseline summary for KASHIM34-NOBEY 6M

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
90	3	28	197421502.2	-2.3	4.6	5.1	6.7	5.2	19.2	66.3	26.0
90	7	21	197421519.9	15.5	13.3	-10.4	-8.8	14.3	-3.8	43.2	72.9
90	8	12	197421485.9	-18.6	11.8	-3.4	-1.8	10.0	35.9	83.0	66.1
90	11	18	197421508.9	4.5	5.8	-9.0	-7.5	5.8	-135.8	-88.8	29.3
91	7	10	197421505.8	1.4	7.9	1.3	2.9	9.0	-88.0	-41.0	43.5

Table 7.416

Baseline summary for KASHIM34-ONSALA60

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
90	5	24	7969420813.7	-12.2	12.7	181.9	9.7	7.7	-86.0	-1.0	18.3
90	5	25	7969420804.3	-21.6	12.4	172.2	.0	7.9	-102.7	-17.6	18.1
90	8	21	7969420835.8	9.9	6.7	166.6	-5.5	5.8	-77.8	7.2	11.3

Table 7.417

Baseline summary for KASHIM34-SANTIA12

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
91	12	18	12419326073.5	2.3	47.5	1316.7	-2.3	13.6	-915.9	7.0	15.0
91	12	19	12419326069.9	-1.3	35.1	1321.1	2.1	13.1	-928.1	-5.2	13.0

Table 7.418

Baseline summary for KASHIM34-SESHAN25

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
90	3	23	1875725750.0	9.4	2.6	.4	12.2	2.3	58.7	19.0	8.9
90	6	26	1875725751.1	10.5	5.5	-10.3	1.5	4.4	22.3	-17.4	19.5
90	9	11	1875725734.6	-6.0	11.0	-1.2	10.6	7.3	1.5	-38.3	35.0
91	3	25	1875725731.5	-9.1	8.8	-26.8	-15.0	6.6	-9.7	-49.4	35.4
91	4	16	1875725743.9	3.3	8.0	-21.6	-9.8	7.4	40.2	.4	28.2
91	7	19	1875725738.1	-2.5	6.6	-26.1	-14.3	5.6	10.0	-29.7	23.8
91	8	26	1875725727.3	-13.2	4.8	-27.4	-15.6	4.3	12.3	-27.4	15.6
91	12	18	1875725703.5	-37.1	9.5	-34.3	-22.5	7.4	77.5	37.8	38.6
91	12	19	1875725655.5	-85.1	12.6	-46.7	-34.9	9.6	80.5	40.8	55.1

Table 7.419

Baseline summary for KASHIM34-SEST

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
90	5	24	12389079062.5	11.0	38.6	-58.5	14.9	14.9	-198.9	.9	15.1
90	5	25	12389079037.3	-14.2	43.9	-94.3	-20.9	17.6	-201.1	-1.3	17.6

Table 7.420

Baseline summary for KASHIM34-SINTOTU

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 7 24	846282864.7	.0	7.3	777.0	.0	4.2	-1198.7	.0	22.8

Table 7.421

Baseline summary for KASHIM34-WESTFORD

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 5 24	9502255575.0	8.1	14.2	183.4	-10.4	7.4	-179.4	4.1	16.8
90 5 25	9502255551.5	-15.5	13.3	175.3	-18.5	7.5	-186.4	-2.8	16.8
91 12 18	9502255575.2	8.3	16.2	210.2	16.4	8.2	-191.6	-8.0	18.5
91 12 19	9502255570.9	3.9	15.9	209.7	15.9	7.6	-177.7	5.9	17.7

Table 7.422

Baseline summary for KASHIM34-WETTZELL

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 4 16	8475605267.1	3.5	16.4	207.5	10.4	8.7	-46.2	58.9	23.0
91 7 19	8475605246.3	-17.4	13.6	190.6	-6.4	7.5	-177.0	-72.0	18.3
91 12 18	8475605277.9	14.3	15.1	196.5	-.5	7.6	-91.3	13.8	19.7
91 12 19	8475605267.8	4.2	15.0	196.3	-.8	7.6	-82.7	22.4	18.0

Table 7.423

Baseline summary for KASHIMA -MARCUS

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 6 26	1812270517.9	.0	5.8	71.8	.0	5.2	-69.6	.0	21.5

Table 7.424

Baseline summary for KASHIMA -MEDICINA

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 5 9	8811399460.5	.0	17.6	208.9	.0	6.8	-139.4	.0	21.2

Table 7.425

Baseline summary for KASHIMA -MIYAZAKI

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
86 10 21	948551356.3	7.3	9.7	19.1	5.7	7.7	-41.6	-41.3	40.4
88 10 7	948551333.4	-15.6	12.7	8.7	-4.6	9.1	55.6	55.9	52.7
88 10 13	948551353.0	4.0	15.1	6.6	-6.7	12.7	20.9	21.2	64.4

Table 7.426

Baseline summary for KASHIMA -MIZUSGSI

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 11 25	353521608.6	.0	8.2	805.0	.0	6.7	-1244.4	.0	26.3

Table 7.427

Baseline summary for KASHIMA -NOBEY 6M

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 11 20	197660882.9	-8.8	11.2	6.1	4.0	11.3	47.1	22.2	58.0
90 1 24	197660885.2	-6.4	7.4	-6.0	-8.1	7.2	13.1	-11.9	39.3
90 3 28	197660896.2	4.5	4.9	6.2	4.0	5.7	25.8	.9	27.5

Table 7.428

Baseline summary for KASHIMA -SHANGHAI

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
86	6	14	1852075233.4	.0	32.6	46.6	.0	22.1	252.1	.0	171.1

Table 7.429

Baseline summary for KASHIMA -SINTOTU

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
90	7	27	846453901.4	2.4	8.8	769.7	1.7	4.6	-1164.0	42.1	25.7
90	7	28	846453904.8	5.8	9.1	765.4	-2.6	5.0	-1233.5	-27.5	26.5
90	7	31	846453892.4	-6.6	8.2	768.7	.7	5.1	-1225.5	-19.5	28.1

Table 7.430

Baseline summary for KASHIMA -TITIJIMA

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
87	11	19	991640396.9	44.0	25.2	17.7	-3.9	11.6	-71.1	-23.9	84.2
87	11	26	991640352.6	-.3	15.0	6.4	-15.2	7.1	4.8	52.0	56.3
89	11	29	991640324.8	-28.2	20.4	65.4	43.8	11.5	-139.2	-91.9	84.0

Table 7.431

Baseline summary for KASHIMA -USUDA64

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
90	7	31	208219605.9	.0	5.6	-1392.2	.0	5.8	-1280.8	.0	26.0

Table 7.432

Baseline summary for KASHIMA -WHTHORSE

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
89	8	11	6047388113.2	.0	23.7	125.4	.0	8.2	82.4	.0	45.9

Table 7.433

Baseline summary for KAUAI -LA-VLBA

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
91	5	22	5199822539.4	.9	3.3	371.8	-12.4	4.1	-362.2	-6.6	7.9
91	6	29	5199822523.5	-15.0	3.1	360.3	-23.8	4.2	-372.9	-17.3	7.7
91	7	11	5199822536.2	-2.3	3.0	374.0	-10.2	3.8	-374.5	-18.9	7.6
91	9	7	5199822521.1	-17.4	4.1	376.3	-7.8	4.5	-291.6	64.0	9.4
91	10	16	5199822560.2	21.7	4.3	397.4	13.2	4.2	-304.1	51.5	9.8
91	10	17	5199822549.7	11.2	5.8	388.0	3.8	5.0	-365.1	-9.5	13.5
91	10	19	5199822552.3	13.8	4.5	411.6	27.4	4.7	-346.0	9.6	10.7
91	10	21	5199822537.7	-.8	3.4	390.4	6.2	4.2	-323.8	31.8	8.4
91	10	23	5199822527.6	-10.9	4.1	382.9	-1.2	4.5	-347.3	8.3	9.5
91	11	2	5199822538.7	.2	3.9	384.0	-.2	4.6	-391.0	-35.4	8.7
91	12	5	5199822545.8	7.3	2.4	396.3	12.2	4.0	-381.8	-26.2	6.4

Table 7.434

Baseline summary for KAUAI -MARPOINT

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
88	6	6	7391325590.5	-33.3	25.9	106.2	-1.7	33.4	-12.4	109.6	59.3
88	7	17	7391325586.3	-37.5	23.7	9.1	-98.8	30.3	-74.2	47.8	45.7
88	9	11	7391325636.6	12.7	32.1	68.7	-39.3	14.9	-8.7	113.3	60.2
89	1	15	7391325611.1	-12.7	60.9	131.1	23.1	41.6	-77.2	44.7	91.0
89	2	20	7391325728.6	104.8	43.6	83.3	-24.7	42.5	-96.0	26.0	74.2
89	6	5	7391325641.0	17.2	18.1	133.4	25.4	9.4	-219.1	-97.2	31.9

Table 7.435
Baseline summary for KAUAI -MATERA

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 10 5	10894161077.7	167.4	47.4	299.3	-39.7	10.5	-118.4	-76.8	41.1
90 11 9	10894160931.2	20.9	32.4	313.3	-25.7	9.6	28.3	70.0	26.5
90 12 4	10894160907.6	-2.7	49.0	310.8	-28.3	10.6	-92.3	-50.6	47.8
91 1 23	10894160892.6	-17.7	31.4	312.5	-26.5	8.1	-10.5	31.2	21.6
91 2 12	10894160938.1	27.8	31.1	335.0	-4.1	7.1	-44.0	-2.3	22.0
91 3 14	10894160942.0	31.6	25.2	347.0	8.0	7.4	-45.9	-4.3	19.3
91 4 3	10894160929.0	18.7	28.7	324.5	-14.5	8.6	-73.2	-31.6	21.2
91 5 8	10894160891.2	-19.1	29.0	331.2	-7.9	8.1	-66.0	-24.3	20.8
91 6 12	10894160929.0	18.7	22.8	339.4	.4	8.6	-60.5	-18.8	17.7
91 7 17	10894160909.3	-1.0	22.7	342.6	3.5	8.7	-39.0	2.7	16.8
91 8 7	10894160846.2	-64.1	28.8	334.5	-4.6	8.6	-47.9	-6.3	19.4
91 9 5	10894160964.3	53.9	34.2	352.1	13.1	8.5	13.3	54.9	22.0
91 10 30	10894160873.0	-37.3	20.1	355.2	16.2	7.1	-33.8	7.8	15.0
91 11 13	10894160880.5	-29.8	16.9	359.3	20.2	6.8	-47.3	-5.6	14.2
91 12 12	10894160936.2	25.9	25.6	369.8	30.7	7.2	-44.3	-2.6	16.1

Table 7.436
Baseline summary for KAUAI -NOTO

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 7 10	11099796262.3	-4.1	20.1	270.0	-16.8	6.9	-106.1	3.1	15.8
89 9 11	11099796284.1	17.7	25.8	271.7	-15.0	8.1	-111.9	-2.8	22.0
91 3 14	11099796235.4	-31.0	43.6	368.1	81.3	11.8	-115.8	-6.6	31.7

Table 7.437
Baseline summary for KAUAI -ONSALA60

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 5 24	9792569598.6	-6.8	16.2	286.6	9.4	7.7	-91.9	-3.8	17.5
90 5 25	9792569613.1	7.6	17.1	265.7	-11.5	8.6	-83.8	4.3	18.6

Table 7.438
Baseline summary for KAUAI -PIETOWN

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 2 13	5040441455.0	4.3	3.9	237.5	-14.5	3.8	-146.8	21.8	9.0
91 3 15	5040441438.7	-12.0	3.0	238.7	-13.2	3.7	-161.3	7.2	7.4
91 5 22	5040441441.8	-8.9	3.6	250.5	-1.4	4.2	-140.7	27.9	9.0
91 6 29	5040441451.0	.3	3.1	248.0	-4.0	4.1	-198.4	-29.8	7.8
91 7 11	5040441455.8	5.1	2.9	252.1	.2	3.7	-176.6	-8.0	7.6
91 12 5	5040441457.0	6.3	2.4	286.1	34.2	3.9	-173.3	-4.7	6.5

Table 7.439
Baseline summary for KAUAI -SANTIA12

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 12 18	9834797886.0	20.2	40.4	1363.6	.0	12.0	-415.7	26.2	32.2
91 12 19	9834797853.1	-12.7	31.9	1363.7	.0	11.5	-458.7	-16.7	25.7

Table 7.440
Baseline summary for KAUAI -SEST

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 5 24	9740852566.9	3.1	31.6	-102.2	12.6	13.7	-296.2	-9.5	27.1
90 5 25	9740852559.7	-4.1	36.4	-133.4	-18.6	16.6	-273.7	13.0	31.8

Table 7.441
Baseline summary for KAUAI -SHANGHAI

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
86	6	14	7290813028.6	.0	63.8	121.8	.0	22.1	420.0	.0	165.6

Table 7.442
Baseline summary for KAUAI -WESTFORD

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
90	5	24	7676223201.4	-20.5	12.0	208.9	-71.6	6.8	-249.0	-8.4	18.8
90	5	25	7676223195.8	-26.1	12.8	190.4	-90.1	7.6	-225.2	15.5	19.8
90	9	12	7676223213.7	-8.3	9.7	222.6	-57.9	6.3	-222.4	18.2	18.1
90	9	21	7676223234.2	12.2	14.3	248.0	-32.5	7.9	-298.3	-57.7	26.3
90	9	26	7676223205.0	-17.0	16.1	232.9	-47.6	7.2	-241.1	-.5	21.8
91	2	13	7676223226.6	4.7	5.4	264.7	-15.8	4.8	-213.5	27.1	8.8
91	3	15	7676223207.0	-15.0	4.4	267.6	-12.9	4.8	-235.9	4.7	7.7
91	4	19	7676223211.7	-10.3	5.2	274.1	-6.4	5.5	-236.3	4.3	9.1
91	5	22	7676223220.9	-1.0	4.6	280.7	.2	5.0	-225.6	15.1	8.2
91	6	29	7676223206.7	-15.2	4.6	277.5	-3.0	5.2	-253.9	-13.3	8.4
91	7	11	7676223206.2	-15.8	4.3	283.1	2.6	4.8	-229.4	11.2	7.9
91	8	22	7676223237.1	15.1	6.1	295.5	14.9	5.2	-250.4	-9.7	10.2
91	9	7	7676223220.5	-1.5	5.8	278.5	-2.0	5.6	-209.2	31.4	9.7
91	10	16	7676223246.8	24.9	6.1	307.2	26.7	5.1	-198.5	42.2	9.7
91	10	17	7676223237.9	16.0	8.1	282.6	2.1	5.9	-268.6	-27.9	13.0
91	10	19	7676223245.6	23.7	6.4	334.2	53.7	5.7	-255.6	-14.9	10.6
91	10	21	7676223240.9	18.9	4.9	297.6	17.1	5.3	-235.6	5.0	8.8
91	10	23	7676223230.3	8.4	5.6	292.5	12.0	5.4	-245.0	-4.4	9.7
91	11	2	7676223222.1	.2	4.9	303.7	23.2	5.6	-276.9	-36.3	8.5
91	12	5	7676223223.7	1.7	3.6	310.9	30.4	5.1	-271.4	-30.8	7.3
91	12	18	7676223232.6	10.7	16.5	316.4	35.9	7.9	-234.4	6.2	21.6
91	12	19	7676223211.7	-10.3	15.9	330.1	49.6	8.0	-258.6	-18.0	23.4

Table 7.443
Baseline summary for KAUAI -WETTZELL

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
91	2	13	10357464668.9	10.2	7.3	340.2	-8.2	6.5	-33.7	8.5	8.8
91	3	15	10357464647.2	-11.5	6.0	328.9	-19.5	6.4	-39.2	3.0	7.9
91	4	19	10357464657.8	-.9	6.7	334.1	-14.3	6.6	-50.2	-8.0	9.3
91	5	22	10357464668.4	9.7	6.7	338.7	-9.8	6.5	-48.0	-5.8	8.8
91	6	29	10357464649.8	-9.0	6.4	336.3	-12.2	6.5	-62.4	-20.3	9.1
91	7	11	10357464661.1	2.3	6.2	347.4	-1.1	6.4	-56.7	-14.5	8.5
91	8	22	10357464653.3	-5.4	7.9	356.1	7.6	6.6	-30.1	12.1	10.1
91	9	7	10357464685.0	26.2	7.8	334.1	-14.4	7.3	-42.4	-.3	9.9
91	10	16	10357464703.0	44.3	8.1	356.7	8.2	6.6	-25.4	16.7	9.3
91	10	17	10357464647.8	-10.9	11.3	324.0	-24.5	7.7	-37.0	5.2	11.6
91	10	19	10357464681.6	22.9	8.6	411.9	63.4	7.4	-29.9	12.2	10.3
91	10	21	10357464672.3	13.6	6.7	354.1	5.6	7.2	-17.8	24.3	8.6
91	10	23	10357464650.5	-8.3	7.7	342.9	-5.6	6.7	-39.7	2.4	9.5
91	11	2	10357464645.3	-13.4	6.1	350.9	2.4	7.1	-61.9	-19.7	8.8
91	12	5	10357464636.3	-22.5	5.0	363.1	14.6	7.0	-49.3	-7.1	7.8
91	12	18	10357464671.7	12.9	22.0	359.1	10.6	8.7	-31.6	10.6	18.6
91	12	19	10357464627.5	-31.2	22.3	369.4	20.9	8.9	-48.3	-6.2	18.7

Table 7.444
Baseline summary for KAUAI -WHTHORSE

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
89	8	11	4587139203.0	.0	17.9	148.3	.0	7.5	110.7	.0	47.6

Table 7.445
Baseline summary for KODIAK -WESTFORD

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
88	7	4	5466634648.5	-23.7	14.9	53.0	-9.6	6.6	-67.8	39.3	36.4
88	7	5	5466634663.4	-8.9	17.3	74.7	12.1	7.2	-180.4	-73.3	38.1
88	7	6	5466634669.7	-2.5	14.2	75.6	13.1	6.5	-62.7	44.4	33.8
89	7	6	5466634695.5	23.2	18.8	64.2	1.7	6.4	-72.4	34.7	40.4
89	7	8	5466634667.7	-4.6	17.7	67.1	4.6	6.3	-95.5	11.6	40.8
90	6	30	5466634678.9	6.6	16.3	50.6	-11.9	6.1	-145.6	-38.5	32.8
90	7	1	5466634679.4	7.2	15.3	56.9	-5.7	5.6	-122.8	-15.7	31.2
90	7	3	5466634685.9	13.7	18.1	63.1	.6	6.1	-99.1	8.0	36.8

Table 7.446
Baseline summary for KWAJAL26-SESHAN25

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
88	7	17	5191948417.0	15.5	12.8	51.0	-8.9	8.3	96.6	50.5	29.9
88	7	31	5191948377.8	-23.6	16.0	66.3	6.4	8.9	-8.3	-54.3	35.6
88	8	1	5191948400.4	-1.1	21.4	64.6	4.7	9.9	17.0	-29.1	46.2

Table 7.447
Baseline summary for LA-VLBA -MOJAVE12

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
91	5	22	964980739.0	-11.0	1.7	185.7	7.2	1.6	-392.0	26.8	6.3
91	6	29	964980757.0	6.9	1.7	172.8	-5.7	1.5	-423.8	-5.0	6.3
91	7	11	964980743.8	-6.2	1.6	182.3	3.8	1.4	-399.8	19.0	6.0
91	9	7	964980763.2	13.2	2.1	172.1	-6.4	1.9	-485.3	-66.5	8.0
91	10	16	964980753.7	3.7	1.8	178.9	.4	1.7	-435.7	-16.9	7.1
91	10	17	964980756.0	6.0	2.2	178.3	-.3	2.1	-415.5	3.3	8.7
91	10	19	964980750.0	.0	2.1	183.4	4.9	1.9	-414.3	4.5	8.6
91	10	21	964980749.3	-.7	1.5	175.2	-3.3	1.4	-427.0	-8.2	5.7
91	10	23	964980745.2	-4.8	1.7	181.3	2.8	1.6	-415.3	3.5	6.5
91	10	24	964980748.8	-1.2	2.2	176.2	-2.3	1.8	-435.6	-16.8	8.1
91	11	2	964980751.9	1.9	2.1	174.1	-4.4	1.9	-405.4	13.4	7.7
91	12	5	964980750.8	.8	1.2	179.1	.6	1.2	-410.3	8.5	4.6

Table 7.448
Baseline summary for LA-VLBA -PIETOWN

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
91	5	22	236640004.0	-2.5	1.9	-1081.0	7.2	1.8	-514.9	24.4	6.7
91	6	29	236640007.6	1.1	1.4	-1090.4	-2.3	1.3	-567.9	-28.7	4.7
91	7	11	236639999.8	-6.8	1.2	-1084.8	3.3	1.1	-543.3	-4.0	4.3
91	12	5	236640010.7	4.2	.9	-1090.9	-2.7	.9	-529.5	9.8	3.2

Table 7.449
Baseline summary for LA-VLBA -WESTFORD

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
91	5	22	3044179223.9	6.1	2.3	593.4	.6	2.2	-1033.9	28.7	6.0
91	6	29	3044179215.2	-2.7	2.4	599.7	6.9	2.2	-1053.6	9.0	6.0
91	7	11	3044179219.1	1.3	2.2	592.5	-.3	2.0	-1023.9	38.7	5.5
91	9	7	3044179204.0	-13.9	2.9	585.3	-7.5	2.4	-1086.2	-23.7	7.3
91	10	16	3044179210.0	-7.9	2.4	589.6	-3.2	2.2	-1057.9	4.6	6.4
91	10	17	3044179223.2	5.3	3.1	573.2	-19.6	2.6	-1073.2	-10.7	7.8
91	10	19	3044179215.3	-2.5	2.8	601.0	8.2	2.5	-1084.2	-21.6	7.2
91	10	21	3044179218.8	1.0	2.1	589.9	-2.9	2.1	-1085.8	-23.2	5.4
91	10	23	3044179225.6	7.8	2.4	595.0	2.2	2.2	-1076.2	-13.7	6.1
91	10	24	3044179219.4	1.6	2.8	599.3	6.5	2.4	-1076.0	-13.4	7.1
91	11	2	3044179221.3	3.5	2.9	599.8	7.0	2.5	-1061.5	1.1	7.5
91	12	5	3044179216.9	-1.0	1.7	592.7	-.1	1.9	-1062.0	.6	4.6

Table 7.450

Baseline summary for LA-VLBA -WETTZELL

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
91	5	22	8161830114.1	10.4	4.4	1388.7	.4	4.7	-1314.6	12.6	8.9
91	6	29	8161830101.3	-2.4	4.3	1394.7	6.4	4.7	-1318.6	8.6	9.0
91	7	11	8161830114.0	10.3	4.1	1393.3	5.0	4.6	-1319.6	7.6	8.4
91	9	7	8161830082.5	-21.2	5.1	1381.7	-6.6	5.2	-1366.5	-39.3	9.9
91	10	16	8161830105.5	1.8	4.2	1377.4	-10.8	4.6	-1345.0	-17.8	8.6
91	10	17	8161830115.1	11.4	5.3	1358.9	-29.4	5.2	-1292.3	34.9	9.8
91	10	19	8161830102.1	-1.6	4.8	1421.0	32.7	5.2	-1353.7	-26.5	9.6
91	10	21	8161830095.5	-8.3	3.6	1395.1	6.8	5.0	-1328.0	-.7	8.2
91	10	23	8161830094.7	-9.0	4.2	1386.6	-1.6	4.6	-1324.9	2.3	8.6
91	10	24	8161830103.2	-.6	5.3	1383.8	5.5	5.0	-1352.8	-25.6	11.1
91	11	2	8161830116.5	12.8	4.9	1385.2	-3.1	5.2	-1314.7	12.5	9.4
91	12	5	8161830103.5	-.2	3.1	1382.2	-6.1	5.0	-1312.5	14.7	7.7

Table 7.451

Baseline summary for LEONRDOK-RICHMOND

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
87	8	25	1854619801.7	.0	6.5	5.1	.0	5.1	-6.8	.0	32.4

Table 7.452

Baseline summary for LEONRDOK-WESTFORD

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
87	8	25	2205062326.1	.0	6.5	14.1	.0	6.2	-44.9	.0	27.3

Table 7.453

Baseline summary for MAMMOTHL-VNDNBERG

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
84	10	23	373995470.1	23.8	10.3	-87.6	-46.4	7.5	156.3	119.2	68.3
86	10	23	373995441.6	-4.7	4.6	-35.2	6.0	2.7	14.2	-23.0	30.0

Table 7.454

Baseline summary for MARCUS -SESHAN25

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
90	6	26	3270841161.5	.0	7.5	-3.6	.0	5.8	105.9	.0	21.7

Table 7.455

Baseline summary for MARPOINT-MEDICINA

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
88	12	22	6721974429.7	.0	22.1	82.3	.0	9.8	-105.4	.0	38.6

Table 7.456

Baseline summary for MARPOINT-NOTO

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
89	7	19	7291183510.8	.0	15.8	74.3	.0	8.4	-181.8	.0	26.0

Table 7.457
Baseline summary for MARPOINT-NRAO85 3

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 2 20	228306390.8	-1.5	26.6	-26.8	-30.5	23.7	-8.2	17.3	171.0
89 4 4	228306399.8	7.5	6.1	3.1	-.7	12.1	-11.3	14.2	50.2
89 5 31	228306389.6	-2.6	2.5	5.4	1.7	3.4	-18.8	6.6	17.4
89 6 1	228306374.8	-17.4	4.1	19.8	16.1	5.8	55.7	81.1	26.3
89 6 5	228306388.1	-4.2	7.1	-5.0	-8.8	6.7	19.5	45.0	26.8
89 6 28	228306401.7	9.5	3.0	12.0	8.3	4.9	-63.8	-38.4	20.0
89 7 19	228306383.3	-8.9	3.8	-11.1	-14.8	5.7	-78.0	-52.5	21.6
89 7 24	228306409.2	17.0	5.1	3.2	-.5	6.7	-89.5	-64.1	30.0
89 8 8	228306389.6	-2.7	3.1	11.8	8.1	4.6	-25.2	.2	19.6
89 8 18	228306396.1	3.9	3.8	5.5	1.7	5.6	-55.8	-30.3	20.8
89 8 25	228306399.4	7.2	5.0	-31.6	-35.3	7.1	79.8	105.2	27.3

Table 7.458
Baseline summary for MARPOINT-ONSALA60

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
82 6 19	6198441063.9	-1.1	12.3	102.9	2.7	5.5	-28.6	.7	28.8
82 6 20	6198441065.2	.2	14.0	95.7	-4.4	6.1	-.7	28.6	31.2
82 10 19	6198441068.6	3.5	20.5	104.5	4.4	10.2	-103.1	-73.8	49.2
83 8 30	6198441047.3	-17.7	89.0	79.8	-20.4	40.0	-17.3	12.0	235.9

Table 7.459
Baseline summary for MARPOINT-OVRO 130

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
82 6 19	3540824489.3	.8	8.3	-2.0	-15.0	7.6	4.9	8.4	32.6
82 6 20	3540824487.7	-.7	16.1	37.7	24.7	14.5	17.1	20.6	68.1
82 10 19	3540824487.2	-1.3	11.6	23.1	10.1	8.3	-28.0	-24.5	44.5

Table 7.460
Baseline summary for MATERA -MEDICINA

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 5 25	597262308.4	7.0	3.3	8.2	9.7	8.7	-24.8	-1.3	12.5
90 9 6	597262313.2	11.8	1.9	-2.5	-1.1	1.8	53.1	76.6	8.3
90 12 21	597262299.9	-1.5	1.6	4.1	5.6	1.7	-18.8	4.7	7.1
91 9 9	597262302.2	.7	1.8	-.9	.5	2.0	-31.9	-8.4	8.6
91 12 2	597262295.2	-6.2	1.3	-6.2	-4.7	1.6	-55.3	-31.8	5.4

Table 7.461
Baseline summary for MATERA -MOJAVE12

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 10 22	9255718091.9	-17.1	13.0	64.3	-2.7	7.5	132.8	-11.3	16.1
91 11 26	9255718125.2	16.1	9.5	70.1	3.1	6.4	136.8	-7.3	13.3
91 12 17	9255718103.2	-5.9	8.6	65.9	-1.1	6.3	155.9	11.8	11.8

Table 7.462
Baseline summary for MATERA -NOTO

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 9 6	444532987.5	2.9	1.9	32.5	-1.7	1.8	25.7	76.7	8.9
90 12 21	444532980.3	-4.3	1.7	31.7	-2.5	1.6	-76.5	-25.4	7.6
91 3 14	444532965.6	-18.9	12.6	37.9	3.7	10.7	-49.3	1.7	46.5
91 9 9	444532986.5	1.9	1.5	37.5	3.3	1.5	-75.3	-24.2	6.8

Table 7.463

Baseline summary for MATERA -NRAO85 3

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 10 5	7354567962.0	55.7	24.1	57.8	12.1	8.9	157.6	112.7	42.8
90 11 9	7354567883.2	-23.1	20.1	58.1	12.4	8.5	-29.1	-74.0	37.1
91 1 23	7354567882.3	-24.0	20.1	44.0	-1.6	8.8	21.6	-23.3	32.5
91 2 12	7354567899.1	-7.1	20.2	84.6	38.9	10.4	73.1	28.2	30.8
91 3 14	7354567883.4	-22.8	29.9	42.2	-3.5	8.1	91.2	46.3	52.0
91 4 3	7354567886.6	-19.7	19.7	54.1	8.4	7.4	155.6	110.7	30.5
91 5 8	7354567912.5	6.2	16.8	54.1	8.4	7.5	35.4	-9.5	27.2
91 6 12	7354567905.9	-.4	16.6	50.7	5.1	6.8	75.1	30.2	23.4
91 7 17	7354567925.8	19.6	13.3	47.0	1.3	6.0	25.8	-19.1	20.1
91 8 7	7354567898.0	-8.2	20.3	40.2	-5.4	6.1	3.0	-41.9	29.0
91 9 5	7354567935.1	28.8	22.6	54.5	8.9	7.8	8.9	-36.0	33.7
91 10 30	7354567908.4	2.2	13.2	34.4	-11.2	6.5	24.2	-20.7	19.3
91 11 13	7354567906.8	.6	11.7	27.0	-18.6	5.3	36.9	-8.0	16.6
91 11 20	7354567877.2	-29.0	13.2	42.1	-3.6	6.9	39.3	-5.6	21.0
91 12 12	7354567933.9	27.6	16.8	42.9	-2.7	6.1	62.9	18.0	23.7

Table 7.464

Baseline summary for MATERA -ONSALA60

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 9 6	1886809349.3	12.7	2.6	12.9	5.0	2.7	72.8	84.8	9.5
90 12 21	1886809334.4	-2.1	2.4	7.9	.0	2.8	-9.1	2.9	8.8
91 1 7	1886809334.2	-2.4	2.3	10.2	2.4	2.7	-46.6	-34.6	8.1
91 9 9	1886809332.2	-4.4	2.1	1.4	-6.5	2.5	-33.3	-21.4	6.8

Table 7.465

Baseline summary for MATERA -RICHMOND

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 10 22	8088948171.2	-16.0	11.0	14.2	-8.8	6.8	20.9	-25.2	17.2
91 11 20	8088948182.9	-4.3	16.1	19.4	-3.5	7.5	54.9	8.8	21.9
91 11 26	8088948184.3	-2.9	8.9	34.9	12.0	6.3	61.4	15.2	13.9
91 12 17	8088948198.9	11.7	7.9	21.2	-1.7	5.7	44.1	-2.0	12.7

Table 7.466

Baseline summary for MATERA -WESTFORD

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 10 22	6647032661.4	-18.4	6.6	33.9	-1.5	5.9	45.1	-13.5	15.3
91 11 26	6647032698.0	18.1	6.3	38.8	3.5	5.4	55.6	-3.0	12.4
91 12 17	6647032678.5	-1.4	5.7	33.4	-1.9	5.0	69.0	10.4	11.6

Table 7.467

Baseline summary for MATERA -WETTZELL

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 5 25	990053387.0	8.8	3.8	8.2	11.7	12.6	-52.8	-28.0	12.2
90 9 6	990053390.6	12.4	2.0	-6.0	-2.5	1.9	67.8	92.5	8.3
90 12 21	990053382.6	4.4	1.8	.9	4.4	1.9	-10.2	14.5	7.5
91 1 7	990053381.2	3.0	1.8	3.2	6.7	1.8	-42.7	-18.0	7.2
91 9 9	990053380.1	1.9	1.5	-4.3	-.8	1.6	-21.3	3.5	6.1
91 10 22	990053375.2	-3.0	3.0	-3.7	-.2	2.6	-36.7	-12.0	11.3
91 11 20	990053374.1	-4.1	4.8	-4.0	-.5	3.2	-34.3	-9.5	15.2
91 11 26	990053374.2	-4.0	2.3	-4.6	-1.1	2.1	-15.1	9.7	9.3
91 12 2	990053372.6	-5.6	1.1	-9.1	-5.6	1.6	-45.2	-20.5	4.2
91 12 17	990053372.7	-5.5	2.4	-2.4	1.1	2.4	-25.9	-1.1	9.4

Table 7.468
Baseline summary for MCD 7850-MOJAVE12

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
88 10 7	1305462983.6	.0	3.4	5.1	.0	2.8	43.1	.0	14.6

Table 7.469
Baseline summary for MCD 7850-PIETOWN

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
88 10 7	556665227.4	.0	2.7	-.5	.0	2.0	25.8	.0	12.1

Table 7.470
Baseline summary for MCD 7850-WESTFORD

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
88 10 7	3137645303.0	.0	4.5	-.6	.0	5.6	-76.9	.0	17.7

Table 7.471
Baseline summary for MEDICINA-NOTO

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 1 27	893724234.7	6.9	1.8	21.3	1.7	1.8	-17.1	21.6	6.8
90 9 6	893724230.9	3.2	1.7	14.4	-5.2	1.7	-29.1	9.7	7.7
90 12 21	893724223.0	-4.7	1.4	20.5	.9	1.5	-59.4	-20.6	6.1
91 9 9	893724224.7	-3.1	2.0	23.5	3.9	2.1	-45.1	-6.3	9.2

Table 7.472
Baseline summary for MEDICINA-RICHMOND

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
87 4 4	7658214991.4	48.7	231.5	76.0	8.3	27.9	253.6	155.8	310.2
87 5 4	7658214884.2	-58.4	25.0	85.2	17.5	7.4	121.1	23.3	35.6
87 12 10	7658214954.0	11.4	23.8	58.8	-8.9	7.5	59.7	-38.1	31.0
87 12 19	7658214926.3	-16.4	30.6	62.7	-5.0	25.1	71.5	-26.3	55.1
88 5 8	7658214989.5	46.9	26.5	74.0	6.4	7.6	124.3	26.5	43.3
88 5 13	7658214947.6	5.0	23.2	74.2	6.5	7.0	136.7	38.9	34.8
88 6 18	7658214940.5	-2.1	14.0	60.8	-6.9	7.7	88.9	-8.9	28.1
88 8 21	7658214963.1	20.5	11.5	65.4	-2.3	5.8	70.0	-27.8	20.7
88 9 1	7658214913.6	-29.0	18.8	78.3	10.6	9.2	142.6	44.8	36.6
88 10 30	7658214956.4	13.7	14.9	63.5	-4.2	6.8	99.9	2.1	23.4
88 11 10	7658214905.0	-37.7	13.8	57.7	-10.0	8.1	113.8	16.0	24.7
88 11 29	7658214939.0	-3.6	13.9	68.9	1.3	5.8	82.0	-15.8	21.4
88 12 15	7658214945.6	3.0	8.7	62.6	-5.1	5.3	112.5	14.7	15.8
88 12 22	7658215011.4	68.8	32.0	72.9	5.3	10.9	35.3	-62.5	46.1

Table 7.473
Baseline summary for MEDICINA-SESHAN25

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 5 9	8287102215.2	4.8	15.0	164.3	2.0	6.1	95.3	-12.7	20.1
91 10 8	8287102189.8	-20.7	31.0	148.7	-13.5	15.9	149.9	41.9	36.5

Table 7.474

Baseline summary for MEDICINA-WESTFORD

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
87	4	4	6144872417.2	38.4	185.8	87.4	15.8	23.7	215.5	129.6	339.2
87	5	4	6144872355.4	-23.3	17.9	88.1	16.6	5.6	52.1	-33.8	32.6
87	12	9	6144872369.5	-9.2	6.3	77.5	5.9	4.6	88.0	2.2	17.8
87	12	10	6144872367.4	-11.3	10.5	80.7	9.2	4.2	46.9	-39.0	20.9
87	12	19	6144872371.0	-7.7	23.6	59.0	-12.6	24.1	46.9	-39.0	54.5
88	5	8	6144872400.0	21.3	18.8	75.3	3.8	5.9	148.1	62.2	40.8
88	5	13	6144872388.0	9.3	15.2	74.4	2.9	5.2	124.1	38.2	30.4
88	5	18	6144872366.2	-12.5	28.4	75.5	4.0	8.6	11.0	-74.9	55.3
88	6	18	6144872374.7	-4.0	7.2	76.0	4.4	4.6	71.4	-14.5	17.7
88	8	6	6144872380.8	2.1	7.4	62.8	-8.8	4.3	80.0	-5.9	16.4
88	8	21	6144872395.0	16.3	8.0	66.8	-4.8	4.8	70.1	-15.8	18.4
88	9	1	6144872379.3	.6	6.6	72.7	1.2	4.9	76.2	-9.7	19.1
88	10	30	6144872383.9	5.2	10.0	72.4	.8	5.4	79.8	-6.1	20.3
88	11	10	6144872374.5	-4.2	6.9	65.4	-6.2	5.9	78.7	-7.2	15.9
88	11	29	6144872381.4	2.7	7.6	70.6	-.9	4.5	63.7	-22.2	16.4
88	12	15	6144872382.3	3.6	4.7	61.0	-10.6	4.1	111.5	25.6	12.0
89	2	3	6144872379.0	.3	13.7	61.1	-10.5	9.7	116.0	30.1	33.5
89	2	18	6144872380.4	1.6	14.5	69.9	-1.7	9.5	211.2	125.3	33.1
89	2	21	6144872375.9	-2.9	6.2	66.4	-5.1	4.8	90.8	4.9	15.1

Table 7.475

Baseline summary for METSHOVI-MOJAVE12

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
89	7	7	8149935249.4	-17.2	30.4	116.6	-1.3	8.2	106.5	-33.9	35.0
89	7	12	8149935301.2	34.6	43.2	120.5	2.5	11.2	195.9	55.5	44.8

Table 7.476

Baseline summary for METSHOVI-ONSALA60

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
89	7	6	784441967.1	1.7	4.1	2.3	-8.4	4.0	2.9	1.8	24.3
89	7	7	784441971.6	6.2	6.6	4.0	-6.8	7.1	-12.7	-13.7	40.8
89	7	9	784441950.7	-14.7	5.6	15.5	4.7	5.9	-30.3	-31.3	31.6
89	7	10	784441970.8	5.4	4.5	19.1	8.4	4.3	2.9	1.8	24.7
89	7	12	784441961.4	-4.0	9.7	16.2	5.5	9.4	113.0	111.9	57.8

Table 7.477

Baseline summary for METSHOVI-RICHMOND

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
89	7	7	7758613749.1	-25.7	29.1	81.2	-.1	8.3	97.9	-22.2	39.8
89	7	12	7758613823.3	48.5	40.0	81.3	.1	10.8	152.3	32.3	48.1

Table 7.478

Baseline summary for METSHOVI-WESTFORD

yy	mm	dd	Baseline Length			Baseline Transverse			Baseline Vertical		
			Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
			mm	mm	mm	mm	mm	mm	mm	mm	mm
89	7	7	6059189127.6	-7.5	21.9	81.6	-3.3	7.4	50.9	-35.8	37.9
89	7	12	6059189151.6	16.5	32.5	91.2	6.3	10.2	151.4	64.7	51.0

Table 7.479

Baseline summary for METSHOVI-WETTZELL

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 7 6	1433414947.3	.4	5.4	12.0	-12.8	4.2	-1.6	4.2	24.5
89 7 7	1433414950.5	3.6	6.3	18.4	-6.4	6.7	-5.2	.7	38.6
89 7 9	1433414941.7	-5.2	6.9	23.4	-1.4	5.4	-70.7	-64.8	30.7
89 7 10	1433414948.0	1.2	5.4	40.5	15.7	4.3	3.7	9.6	23.6
89 7 12	1433414944.2	-2.7	9.1	29.0	4.2	9.2	141.6	147.5	57.9

Table 7.480

Baseline summary for MILESMON-MOJAVE12

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
88 4 16	1534074218.8	.0	8.1	11.4	.0	6.0	50.2	.0	42.7

Table 7.481

Baseline summary for MILESMON-WESTFORD

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
88 4 16	2722126743.4	.0	10.8	17.7	.0	9.3	-67.6	.0	48.4

Table 7.482

Baseline summary for MOJAVE12-NOBEY 6M

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 11 20	8216104521.8	-36.6	44.2	88.4	-10.2	15.1	129.3	26.1	53.6
90 1 24	8216104519.4	-39.0	28.1	91.8	-6.8	9.8	107.4	4.2	37.2
90 3 28	8216104520.1	-38.2	19.0	98.6	.0	7.7	150.0	46.8	23.3
90 7 21	8216104546.5	-11.8	51.3	103.8	5.2	16.1	145.7	42.5	63.4
90 8 12	8216104520.6	-37.7	45.9	99.2	.6	13.0	115.3	12.1	53.6
90 11 18	8216104632.3	73.9	22.1	118.4	19.7	10.0	9.2	-94.0	28.6
91 7 10	8216104602.3	43.9	31.3	85.5	-13.1	11.2	106.4	3.2	39.7

Table 7.483

Baseline summary for MOJAVE12-NOME

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 6 19	4471763803.3	13.9	15.4	22.5	-4.0	6.1	-10.8	-22.1	41.2
90 6 20	4471763777.1	-12.3	16.3	23.8	-2.6	6.3	10.9	-.4	43.2
90 6 21	4471763787.1	-2.3	13.6	31.7	5.2	5.5	29.1	17.8	36.6

Table 7.484

Baseline summary for MOJAVE12-NRAO 140

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
88 11 2	3262601940.3	-5.1	3.9	11.1	-4.0	3.1	-109.7	3.7	13.9
90 9 7	3262601933.4	-12.0	4.7	18.3	3.2	3.6	-96.6	16.7	14.9
91 10 26	3262601955.2	9.8	3.3	16.8	1.7	3.2	-128.4	-15.1	12.6

Table 7.485

Baseline summary for MOJAVE12-OCOTILLO

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
84 3 4	299368587.0	-51.7	31.2	14.2	-1.8	24.2	336.0	297.7	197.9
85 1 16	299368628.2	-10.5	8.6	28.9	12.9	5.4	157.3	119.1	65.9
85 3 5	299368644.2	5.4	5.3	11.5	-4.5	3.2	-28.7	-66.9	43.7

Table 7.486

Baseline summary for MOJAVE12-OVR 7853

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
87 11 2	245893864.5	.0	2.3	6.8	.0	1.7	-16.5	.0	9.4

Table 7.487

Baseline summary for MOJAVE12-PENTICTN

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 7 25	1566267826.9	13.0	9.8	11.4	-5.6	6.7	-86.9	-36.6	56.9
90 7 26	1566267819.3	5.5	7.7	21.1	4.1	5.2	-48.9	1.5	44.5
90 7 28	1566267799.4	-14.5	8.0	16.1	-.9	5.5	-25.3	25.1	48.8

Table 7.488

Baseline summary for MOJAVE12-SANTIA12

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 11 22	8253264764.0	.0	22.5	1565.9	.0	8.3	553.9	.0	32.5

Table 7.489

Baseline summary for MOJAVE12-SEATTLE1

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
86 8 28	1439349365.6	34.0	8.4	22.2	4.2	6.5	-6.1	-28.2	45.6
90 8 9	1439349310.6	-21.1	7.5	11.1	-7.0	5.1	102.0	79.9	42.4
90 8 10	1439349322.4	-9.2	9.0	24.1	6.1	6.0	-63.7	-85.9	52.7

Table 7.490

Baseline summary for MOJAVE12-SEST

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 4 19	7986720624.2	.0	16.0	-105.5	.0	9.1	-104.6	.0	27.2

Table 7.491

Baseline summary for MOJAVE12-SOURDOGH

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
87 8 21	3577769387.0	5.6	13.3	14.4	-5.7	5.7	32.1	7.3	44.9
87 8 22	3577769354.5	-27.0	12.1	23.9	3.8	4.8	87.2	62.5	39.2
88 7 28	3577769383.3	1.8	10.2	32.6	12.5	4.1	-6.5	-31.2	32.6
88 7 29	3577769409.4	28.0	12.1	26.8	6.8	4.7	-50.2	-75.0	36.9
88 7 30	3577769370.7	-10.8	12.4	33.8	13.8	4.9	1.6	-23.2	39.4
89 8 2	3577769385.3	3.9	8.9	3.5	-16.6	4.3	31.7	6.9	30.2
89 8 3	3577769390.6	9.1	8.4	12.8	-7.2	3.9	19.9	-4.8	27.8
89 8 4	3577769365.3	-16.2	9.9	15.6	-4.4	4.5	81.7	57.0	32.5

Table 7.492

Baseline summary for MOJAVE12-TROMSONO

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 8 1	7344759272.0	.0	15.6	95.9	.0	7.2	-47.2	.0	26.3

Table 7.493
Baseline summary for MOJAVE12-VICTORIA

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 8 2	1545227662.9	-5.6	7.3	22.2	7.4	5.3	-22.3	10.0	44.7
90 8 3	1545227661.8	-6.7	8.1	14.7	-.1	5.9	-58.2	-25.9	50.3
90 8 4	1545227682.6	14.1	8.3	6.8	-8.0	5.5	-18.2	14.1	51.9

Table 7.494
Baseline summary for MOJAVE12-WHTHORSE

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
88 8 4	3076518286.2	22.7	9.3	10.0	-5.2	4.5	-52.8	-47.9	32.8
88 8 5	3076518274.5	11.0	8.9	9.2	-6.0	4.4	-70.7	-65.8	31.1
88 8 6	3076518274.4	10.9	9.7	13.5	-1.7	4.2	-49.6	-44.7	33.6
89 8 9	3076518241.8	-21.7	7.1	17.7	2.5	3.8	82.1	87.0	28.9
89 8 10	3076518257.2	-6.3	8.3	24.4	9.3	4.4	43.4	48.4	31.7

Table 7.495
Baseline summary for MOJAVE12-YLOW7296

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 7 1	2995740032.7	7.5	3.6	-1874.9	-4.1	3.1	257.5	12.6	12.9
91 7 13	2995740023.6	-1.6	6.8	-1871.4	-.6	5.3	249.7	4.8	21.5
91 7 14	2995740021.4	-3.7	6.4	-1870.5	.3	5.2	269.9	25.0	21.6
91 7 18	2995740032.1	6.9	5.9	-1869.6	1.2	4.4	244.4	-.5	19.1
91 7 19	2995740012.9	-12.3	4.8	-1871.0	-.2	4.1	253.4	8.6	16.2
91 7 23	2995740013.3	-11.9	5.8	-1880.4	-9.6	4.6	271.7	26.8	19.3
91 7 24	2995740029.3	4.1	5.4	-1874.4	-3.6	4.6	237.9	-7.0	17.4
91 8 4	2995740026.1	.9	3.3	-1861.1	9.7	3.1	218.0	-26.9	11.1

Table 7.496
Baseline summary for MOJ 7288-MOJAVE12

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
87 11 2	358196.9	.0	1.7	.5	.0	2.4	.6	.0	15.0

Table 7.497
Baseline summary for MOJ 7288-OVRO 130

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
87 11 2	245135040.7	.0	2.7	4.4	.0	2.2	-12.5	.0	16.2

Table 7.498
Baseline summary for MOJ 7288-OVR 7853

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
87 11 2	245751411.2	.0	2.9	4.4	.0	2.3	-15.8	.0	16.3

Table 7.499
Baseline summary for MON PEAK-WESTFORD

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 11 11	3985679563.8	9.5	13.7	100.8	-3.3	7.3	-203.0	1.0	43.5
90 11 12	3985679545.0	-9.3	13.6	107.1	3.1	7.1	-204.9	-.9	43.1

Table 7.500
Baseline summary for NOME -SANDPOINT

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
84 7 15	1060002841.6	-29.7	31.0	-35.4	-33.1	26.5	142.8	115.8	180.2
85 7 26	1060002871.2	-.1	8.4	-9.0	-6.7	5.2	-56.0	-83.0	53.6
86 8 1	1060002873.5	2.2	8.2	3.8	6.2	4.6	101.8	74.7	54.3

Table 7.501
Baseline summary for NOME -WESTFORD

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 6 19	5785551166.2	24.9	19.5	42.9	-.7	6.8	-108.1	-1.2	39.0
90 6 20	5785551131.3	-9.9	20.7	42.4	-1.2	6.7	-110.5	-3.6	40.9
90 6 21	5785551128.4	-12.9	17.4	45.1	1.5	6.0	-103.4	3.5	34.6

Table 7.502
Baseline summary for NOTO -NRAO85 3

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 7 10	7446887079.9	-12.5	11.0	56.3	4.5	6.3	119.0	.8	17.6
89 7 19	7446887113.3	20.9	14.2	58.6	6.8	8.1	113.7	-4.5	23.7
89 9 11	7446887094.2	1.8	15.1	52.1	.3	8.6	114.1	-4.1	24.9
91 3 14	7446887077.3	-15.1	42.7	15.1	-36.7	12.9	158.5	40.3	57.6

Table 7.503
Baseline summary for NRAO85 3-WETTZELL

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 11 20	6725781929.3	.0	11.4	63.5	.0	6.2	-56.2	.0	20.6

Table 7.504
Baseline summary for NRAO 140-NRAO85 3

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 10 26	1128931.4	.0	1.8	12.3	.0	1.5	-27.6	.0	7.7

Table 7.505
Baseline summary for NRAO 140-ONSALA60

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
81 11 19	6319317552.5	3.0	27.8	158.1	53.9	184.7	-155.2	-134.0	94.5
81 11 20	6319317552.0	2.5	10.6	105.2	1.0	7.1	56.6	77.8	35.5
82 12 16	6319317591.9	42.4	20.7	104.6	.5	17.4	-138.3	-117.1	61.5
82 12 17	6319317506.9	-42.6	18.4	100.4	-3.7	12.5	-60.0	-38.8	49.5

Table 7.506
Baseline summary for NRAO 140-RICHMOND

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 10 26	1420105749.2	.0	2.9	-6.2	.0	2.0	28.1	.0	11.8

Table 7.507
Baseline summary for OCOTILLO-OVRO 130

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
85 3 5	542313250.0	.0	7.2	19.4	.0	4.3	-32.0	.0	55.2

Table 7.508
Baseline summary for OCOTILLO-PVERDES

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
85 3 5	264927266.1	.0	5.7	-36.6	.0	6.4	-17.2	.0	63.5

Table 7.509
Baseline summary for OCOTILLO-VNDNBERG

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
84 3 4	487851076.7	-28.4	33.8	-100.0	-44.0	37.8	-373.5	-401.4	265.5
85 1 16	487851082.8	-22.2	10.1	-35.3	20.7	8.1	-101.7	-129.6	70.0
85 3 5	487851114.1	9.0	6.1	-62.2	-6.2	4.6	91.8	63.9	44.6

Table 7.510
Baseline summary for ONSALA60-ROBLED32

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
83 5 6	2204783302.9	.0	11.7	62.7	.0	10.2	72.5	.0	54.6

Table 7.511
Baseline summary for ONSALA60-SEST

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 4 19	10459732569.9	6.5	24.2	-2.7	-13.6	12.6	19.2	6.8	23.0
90 5 24	10459732565.6	2.2	33.1	11.5	.6	11.9	19.1	6.7	25.2
90 5 25	10459732544.4	-19.0	38.1	27.7	16.8	14.3	-7.0	-19.4	28.8

Table 7.512
Baseline summary for ONSALA60-TROMSONO

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 7 31	1406156786.0	16.8	5.7	21.0	-1.5	5.6	28.7	-18.3	26.9
89 8 1	1406156767.8	-1.3	6.2	31.3	8.8	4.5	80.7	33.6	25.7
89 8 2	1406156751.1	-18.1	5.5	21.2	-1.3	4.1	29.6	-17.5	24.3
89 8 3	1406156773.2	4.0	5.5	16.4	-6.1	4.5	49.7	2.6	25.2

Table 7.513
Baseline summary for OVRO 130-PVERDES

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
83 11 13	387094608.6	41.5	21.5	-78.3	-19.2	8.7	4.4	-10.7	112.5
85 3 5	387094562.2	-4.8	7.3	-54.5	4.6	4.2	18.4	3.3	62.7

Table 7.514
Baseline summary for OVRO 130-SANPAULA

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
83 9 1	322080185.4	.0	11.8	-105.6	.0	7.9	67.4	.0	77.0

Table 7.515
Baseline summary for OVR 7853-OVRO 130

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
87 11 2	991122.2	.0	1.6	-.3	.0	2.4	3.3	.0	12.1

Table 7.516

Baseline summary for PBLOSSOM-SANPAULA

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
88 2 9	99880794.2	.0	7.1	-1.5	.0	10.6	-37.3	.0	68.9

Table 7.517

Baseline summary for PENTICTN-WESTFORD

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 7 25	3684967809.4	23.5	19.3	27.9	7.0	7.2	-108.1	-37.3	54.5
90 7 26	3684967790.8	4.8	14.9	19.0	-2.0	5.8	-56.9	13.9	41.6
90 7 28	3684967763.3	-22.6	16.4	18.1	-2.8	6.2	-61.4	9.4	45.6

Table 7.518

Baseline summary for PENTICTN-YELLOWKN

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
84 8 25	1495292882.9	-3.7	13.9	-15.3	-12.9	5.9	42.9	26.3	83.4
85 9 5	1495292888.5	1.8	9.6	4.4	6.8	4.3	5.6	-11.0	53.9

Table 7.519

Baseline summary for PIETOWN -WETTZELL

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 1 31	8339267316.4	2.4	6.8	68.4	6.4	5.7	-122.5	23.0	13.1
91 2 13	8339267302.7	-11.3	5.1	70.1	8.1	4.9	-137.7	7.8	8.8
91 3 15	8339267302.9	-11.0	4.1	66.7	4.7	4.7	-134.3	11.2	8.0
91 5 22	8339267306.8	-7.1	5.5	61.7	-.3	4.9	-168.0	-22.5	9.6
91 6 29	8339267332.0	18.1	4.4	59.0	-3.0	4.8	-134.8	10.7	9.1
91 7 11	8339267322.2	8.3	4.1	61.6	-.4	4.6	-148.9	-3.4	8.4
91 12 5	8339267311.9	-2.1	3.3	46.8	-15.2	5.0	-160.3	-14.8	7.8

Table 7.520

Baseline summary for PINFLATS-PVERDES

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
87 3 26	180972816.0	-2.7	5.5	1.8	4.6	7.5	22.3	10.1	44.2
87 12 9	180972823.3	4.6	4.7	-5.8	-3.0	7.0	-28.5	-40.7	42.9
88 2 6	180972815.1	-3.5	5.4	-4.0	-1.3	7.8	59.1	46.9	52.5

Table 7.521

Baseline summary for PLATTVIL-VERNAL

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
86 3 31	412425202.6	.0	4.0	-7.3	.0	5.7	101.6	.0	39.1

Table 7.522

Baseline summary for PRESIDIO-PT REYES

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
83 8 28	53727229.6	-3.7	12.2	-27.4	-12.6	9.3	153.8	178.8	88.4
85 3 14	53727233.6	.2	9.4	-3.6	11.2	10.0	-81.5	-56.4	95.7
85 10 20	53727233.7	.4	4.3	-14.0	.8	4.9	-54.1	-29.0	41.6

Table 7.523
Baseline summary for PRESIDIO-WESTFORD

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 10 21	4224409686.9	8.7	21.2	55.3	-19.6	11.2	-151.3	23.1	57.8
89 10 24	4224409682.6	4.4	13.8	57.5	-17.4	5.9	-137.8	36.6	36.4
89 11 17	4224409629.8	-48.4	19.6	40.1	-34.8	8.5	-299.0	-124.6	52.7
89 11 18	4224409681.9	3.7	17.8	61.2	-13.7	7.3	-92.7	81.8	48.0
91 7 18	4224409669.9	-8.3	10.1	92.0	17.1	4.6	-186.3	-11.8	27.3
91 7 19	4224409694.3	16.1	10.3	88.4	13.5	4.8	-181.2	-6.7	27.1

Table 7.524
Baseline summary for PRESIDIO-YLOW7296

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 7 18	2775924623.2	-.6	8.1	-1710.3	-1.9	5.3	93.2	-33.5	31.6
91 7 19	2775924624.3	.5	7.8	-1706.5	1.9	5.2	157.4	30.7	30.2

Table 7.525
Baseline summary for PRESIDIO-YUMA

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
87 2 7	922582257.6	.0	6.5	-11.8	.0	5.2	55.3	.0	41.3

Table 7.526
Baseline summary for PT REYES-WESTFORD

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 11 7	4248545118.4	-6.5	18.5	80.3	-30.7	7.3	-72.4	20.6	49.6
89 11 8	4248545078.5	-46.4	15.6	96.2	-14.8	6.1	-131.3	-38.3	42.3
89 11 12	4248545105.1	-19.8	17.2	76.9	-34.1	6.9	-158.6	-65.6	47.9
89 11 13	4248545108.1	-16.8	17.2	83.9	-27.1	6.7	-121.6	-28.6	46.3
91 7 13	4248545156.0	31.1	10.5	135.8	24.8	4.7	-83.5	9.5	28.8
91 7 14	4248545132.9	8.0	12.4	145.1	34.1	5.4	-45.8	47.2	33.0

Table 7.527
Baseline summary for PT REYES-YLOW7296

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 7 13	2750483267.5	7.3	8.8	-1674.8	2.4	5.9	267.9	1.9	34.0
91 7 14	2750483252.0	-8.2	9.3	-1680.0	-2.8	6.3	263.6	-2.3	37.4

Table 7.528
Baseline summary for PT REYES-YUMA

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
87 10 25	975980359.5	.0	9.7	-2.0	.0	7.9	-68.1	.0	53.8

Table 7.529
Baseline summary for QUINCY -WESTFORD

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 11 2	4023819283.6	6.1	14.1	35.2	4.1	6.1	-87.4	27.5	40.4
89 11 3	4023819269.4	-8.1	16.1	25.4	-5.7	7.2	-148.9	-34.1	45.0

Table 7.530
Baseline summary for RICHMOND-TROMSONO

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 8 1	7249939443.2	.0	16.5	65.2	.0	6.8	-46.2	.0	26.9

Table 7.531
Baseline summary for RICHMOND-YLOW7296

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 8 4	4696400712.9	.0	5.1	-1463.5	.0	3.7	833.3	.0	12.3

Table 7.532
Baseline summary for ROBLED32-WESTFORD

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
83 5 6	5300462984.7	.0	27.5	94.1	.0	7.9	52.9	.0	60.1

Table 7.533
Baseline summary for SANTIA12-SESHAN25

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 12 18	12693859212.0	7.3	58.3	793.8	-8.3	15.7	1386.3	14.3	13.0
91 12 19	12693859195.9	-8.7	63.4	810.8	8.7	16.1	1355.6	-16.5	13.9

Table 7.534
Baseline summary for SANTIA12-WESTFORD

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 11 22	7791503447.8	15.2	20.4	1215.2	3.6	8.0	-1293.5	30.7	32.2
91 12 18	7791503430.6	-2.0	28.3	1199.8	-11.8	9.2	-1345.0	-20.7	40.9
91 12 19	7791503417.9	-14.7	20.8	1216.8	5.2	7.9	-1340.1	-15.9	30.4

Table 7.535
Baseline summary for SANTIA12-WETTZELL

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 11 22	10460704387.8	31.4	29.8	157.6	11.9	12.9	-1863.4	24.8	23.5
91 12 18	10460704339.8	-16.6	39.9	136.4	-9.3	12.1	-1904.0	-15.8	30.5
91 12 19	10460704335.1	-21.3	29.2	144.9	-.8	10.8	-1903.6	-15.4	23.4

Table 7.536
Baseline summary for SEATTLE1-WESTFORD

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
86 8 28	3895645967.1	20.0	14.1	55.6	39.3	14.1	-12.5	127.8	56.6
90 8 9	3895645928.1	-19.1	13.3	9.1	-7.3	6.4	-274.1	-133.7	41.9
90 8 10	3895645949.0	1.9	16.2	15.4	-1.0	7.5	-45.6	94.7	51.0

Table 7.537
Baseline summary for SESHAN25-WESTFORD

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 12 18	10157033700.3	7.5	32.5	131.5	20.9	10.1	-181.7	-6.6	27.1
91 12 19	10157033678.1	-14.8	45.8	82.6	-27.9	11.7	-163.4	11.7	36.1

Table 7.538
Baseline summary for SESHAN25-WETTZELL

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 4 4	8003555617.5	-6.0	28.6	136.9	-7.0	10.8	-110.0	16.7	45.4
90 5 9	8003555649.1	25.6	14.1	155.2	11.3	6.0	-97.7	29.0	19.5
91 4 16	8003555612.7	-10.8	16.3	158.1	14.2	8.8	-71.7	55.0	23.5
91 7 19	8003555609.0	-14.5	16.4	162.2	18.3	8.1	-183.9	-57.2	21.5
91 12 18	8003555610.2	-13.3	25.9	124.9	-19.0	9.7	-166.2	-39.5	33.6
91 12 19	8003555614.5	-9.1	36.1	84.2	-59.7	10.7	-181.4	-54.7	45.5

Table 7.539
Baseline summary for SEST -WESTFORD

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 4 19	7447845586.4	-.3	12.6	-72.1	-1.6	8.7	48.6	1.5	26.9
90 5 24	7447845601.5	14.8	24.4	-65.6	4.9	10.9	35.1	-12.0	32.3
90 5 25	7447845568.8	-17.9	28.0	-73.6	-3.1	12.8	60.4	13.3	37.4

Table 7.540
Baseline summary for SINTOTU -USUDA64

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 7 31	872851759.3	.0	8.6	22.7	.0	5.8	36.9	.0	31.2

Table 7.541
Baseline summary for SNDPOINT-VNDNBERG

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
84 7 15	3763664148.8	86.0	51.2	110.0	60.5	37.8	-72.2	-18.8	196.5
85 7 26	3763664088.6	25.7	14.4	51.7	2.1	5.3	28.3	81.7	46.4
86 8 1	3763664026.9	-36.0	15.2	46.0	-3.5	5.4	-139.9	-86.5	48.1

Table 7.542
Baseline summary for SNDPOINT-WESTFORD

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
88 7 13	5963589384.2	5.1	18.1	61.1	1.3	8.2	-23.6	85.2	37.7
88 7 14	5963589384.2	5.1	18.9	63.7	3.9	8.1	15.2	124.0	38.2
89 7 14	5963589342.6	-36.4	16.5	64.0	4.2	6.6	-140.0	-31.2	33.2
89 7 15	5963589385.6	6.5	15.6	57.4	-2.4	5.6	-84.6	24.2	31.1
89 7 16	5963589404.9	25.9	17.1	65.2	5.4	5.9	-68.2	40.6	34.1
90 7 10	5963589358.2	-20.9	20.8	58.5	-1.3	7.3	-188.7	-79.9	38.7
90 7 11	5963589385.7	6.6	17.3	55.6	-4.2	6.6	-167.6	-58.8	32.3
90 7 13	5963589384.6	5.6	19.3	52.6	-7.2	7.4	-193.7	-84.9	35.6

Table 7.543
Baseline summary for SOURDOGH-WESTFORD

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
88 7 28	4992696139.6	-10.9	13.8	57.5	12.3	5.5	-71.2	13.3	34.1
88 7 29	4992696166.7	16.2	16.7	48.7	3.4	6.9	7.5	91.9	41.4
88 7 30	4992696126.0	-24.4	16.2	55.3	10.1	6.3	-49.4	35.1	39.3
89 8 2	4992696149.3	-1.1	12.0	36.8	-8.4	5.0	-84.8	-.3	29.8
89 8 3	4992696163.2	12.8	11.3	45.3	.0	4.7	-91.7	-7.2	28.1
89 8 4	4992696150.5	.0	13.1	33.6	-11.6	5.4	-166.9	-82.4	32.4

Table 7.544

Baseline summary for SOURDOGH-WHTHORSE

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
84 8 8	591316596.0	17.0	17.5	29.8	45.0	14.2	28.2	-17.1	142.3
86 8 19	591316580.7	1.6	5.5	-14.1	1.1	5.1	72.8	27.5	46.9
86 8 21	591316574.9	-4.2	6.2	-21.8	-6.6	5.0	13.8	-31.6	52.0

Table 7.545

Baseline summary for TROMSONO-WESTFORD

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 8 1	5474070358.4	.0	11.3	77.2	.0	5.8	1.0	.0	25.4

Table 7.546

Baseline summary for TROMSONO-WETTZELL

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 7 31	2296324610.5	20.9	7.1	41.8	6.8	7.0	-41.7	4.9	27.2
89 8 1	2296324580.2	-9.3	7.2	36.8	1.8	4.9	-58.8	-12.3	25.4
89 8 2	2296324570.4	-19.1	7.1	30.9	-4.0	4.7	-29.5	17.0	24.3
89 8 3	2296324596.7	7.1	6.9	34.2	-.8	5.0	-57.1	-10.6	25.3

Table 7.547

Baseline summary for TRYSILNO-WESTFORD

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 11 9	5480563557.5	21.6	12.6	232.3	4.7	5.8	356.1	23.4	27.2
91 11 16	5480563545.3	9.4	8.2	226.9	-.7	4.5	346.8	14.2	19.1
91 12 10	5480563533.9	-2.0	10.5	231.8	4.2	4.9	315.0	-17.6	24.3
91 12 15	5480563534.7	-1.1	7.6	220.1	-7.5	4.5	325.8	-6.9	18.0
91 12 21	5480563532.3	-3.6	9.4	230.7	3.1	4.8	322.9	-9.8	22.0
91 12 31	5480563502.7	-33.2	12.9	225.9	-1.7	7.0	333.3	.6	31.2

Table 7.548

Baseline summary for TRYSILNO-WETTZELL

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 11 9	1364743198.3	4.6	4.6	-114.4	1.3	3.3	316.3	1.0	27.0
91 11 16	1364743194.6	1.0	3.1	-116.9	-1.2	2.2	333.9	18.6	17.8
91 12 10	1364743192.7	-1.0	4.1	-117.8	-2.2	2.9	318.8	3.5	23.8
91 12 15	1364743194.2	.6	2.8	-115.2	.5	2.0	313.1	-2.2	16.6
91 12 21	1364743188.8	-4.8	3.8	-113.6	2.0	2.8	289.8	-25.5	21.0

Table 7.549

Baseline summary for VERNAL -VNDNBERG

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
88 10 21	1165722334.2	.0	4.7	37.4	.0	5.6	27.8	.0	22.3

Table 7.550

Baseline summary for VERNAL -WESTFORD

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 4 26	3132148589.4	-2.2	10.5	6.4	6.3	8.1	-105.9	-10.8	34.2
89 4 27	3132148573.0	-18.5	10.9	1.4	1.4	5.8	-107.8	-12.6	33.2
90 10 22	3132148598.7	7.1	10.0	4.9	4.8	6.3	-78.7	16.4	36.7
90 10 23	3132148609.9	18.4	13.4	-11.1	-11.2	6.6	-75.9	19.3	47.7

Table 7.551
Baseline summary for VERNAL -YUMA

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
88 10 21	917552145.3	.0	5.7	.6	.0	5.1	2.4	.0	29.6

Table 7.552
Baseline summary for VICTORIA-WESTFORD

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
90 8 2	3967716613.6	-5.9	14.4	6.6	-5.9	5.8	-113.9	-24.6	41.7
90 8 3	3967716620.1	.6	16.2	10.8	-1.7	6.6	-66.6	22.6	47.8
90 8 4	3967716627.3	7.8	17.2	21.4	8.9	6.4	-79.0	10.3	49.2

Table 7.553
Baseline summary for VNDNBERG-WESTFORD

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
89 10 21	4228947348.5	7.2	10.2	87.0	-13.8	7.8	-115.1	-4.7	27.4
89 10 24	4228947360.1	18.8	8.6	84.7	-16.1	4.6	-65.0	45.5	22.7
89 11 2	4228947336.8	-4.6	9.6	84.9	-16.0	5.2	-112.1	-1.7	25.5
89 11 3	4228947332.2	-9.1	9.8	86.2	-14.7	6.0	-136.0	-25.5	25.8
89 11 7	4228947351.1	9.8	9.5	82.6	-18.2	5.4	-58.4	52.1	26.6
89 11 8	4228947311.6	-29.7	7.4	95.6	-5.2	4.3	-118.7	-8.2	20.5
89 11 12	4228947348.6	7.2	8.6	83.9	-16.9	4.9	-133.3	-22.9	24.1
89 11 13	4228947341.2	-.1	8.9	89.7	-11.2	4.4	-99.9	10.6	24.4
89 11 17	4228947330.3	-11.1	11.0	84.5	-16.3	6.0	-138.4	-27.9	30.5
89 11 18	4228947335.8	-5.5	8.4	95.0	-5.8	5.1	-78.3	32.2	24.0
91 7 28	4228947361.8	20.4	9.2	151.0	50.2	4.6	-151.8	-41.4	25.2
91 7 29	4228947350.1	8.7	10.2	157.5	56.7	4.8	-135.4	-25.0	27.2

Table 7.554
Baseline summary for VNDNBERG-WHTHORSE

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
84 8 8	3058395753.5	130.8	39.9	-13.6	-33.0	19.2	-35.7	-70.4	132.6
86 8 19	3058395611.2	-11.5	11.6	21.6	2.2	4.8	85.5	50.9	40.1
86 8 21	3058395623.2	.5	12.9	19.2	-.2	5.1	-23.4	-58.1	45.9

Table 7.555
Baseline summary for WESTFORD-WHTHORSE

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
88 8 4	4511164165.3	30.5	13.1	45.9	5.4	5.9	32.2	-52.1	34.4
88 8 5	4511164142.8	8.0	11.9	27.8	-12.7	5.6	-26.9	-111.2	33.0
89 8 9	4511164112.5	-22.3	10.6	40.7	.2	4.2	183.6	99.3	28.3
89 8 10	4511164129.4	-5.5	12.3	45.6	5.1	4.8	106.1	21.8	31.0

Table 7.556
Baseline summary for WESTFORD-YAKATAGA

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
88 7 22	4895738307.7	-39.6	14.6	73.3	-24.1	6.6	61.6	36.3	37.0
88 7 24	4895738329.0	-18.2	14.3	83.3	-14.0	6.1	19.0	-6.3	36.1
89 7 25	4895738363.7	16.4	11.4	101.3	3.9	4.5	-2.0	-27.2	28.9
89 7 26	4895738345.9	-1.3	13.4	93.6	-3.8	4.9	23.2	-2.0	33.2
90 6 9	4895738421.9	74.7	26.3	109.0	11.7	7.9	-110.1	-135.3	65.1
90 6 10	4895738356.9	9.6	18.2	115.4	18.1	7.0	102.2	77.0	43.0
90 6 11	4895738352.9	5.6	17.0	111.5	14.1	6.5	30.1	4.9	40.7

Table 7.557

Baseline summary for WESTFORD-YLOW7296

yy mm dd	Baseline Length			Baseline Transverse			Baseline Vertical		
	Value	Residual	Sigma	Value	Residual	Sigma	Value	Residual	Sigma
	mm	mm	mm	mm	mm	mm	mm	mm	mm
91 7 1	3506849219.6	2.4	3.9	-797.6	1.7	3.2	915.7	-4.4	11.6
91 7 13	3506849229.6	12.4	8.1	-799.1	.2	5.0	948.3	28.3	21.0
91 7 14	3506849221.7	4.5	8.0	-802.2	-2.9	4.9	907.4	-12.7	20.8
91 7 18	3506849217.7	.5	7.1	-803.2	-3.9	4.0	884.3	-35.7	18.9
91 7 19	3506849213.8	-3.4	6.0	-807.5	-8.2	3.7	942.4	22.3	15.2
91 7 23	3506849221.3	4.0	7.1	-809.1	-9.8	4.8	944.1	24.1	18.5
91 7 24	3506849223.3	6.1	6.4	-792.3	7.0	4.9	944.2	24.2	17.5
91 8 4	3506849209.5	-7.7	3.7	-790.2	9.1	3.1	903.1	-16.9	10.7

8.0 Site Coordinates by Session from GLB868

Table 8.0 gives the *a priori* positions of the sites used to define the origin for each session.

Tables 8.1 presents, for each station and mobile site, the geocentric, Cartesian site positions in individual sessions in the VLBI reference frame. The user is reminded that the position at a particular epoch is relative to the (arbitrary) reference station for that session and that different observing sessions having unrelated observing networks will have different reference stations. Ninety four of the 95 fixed stations and mobile sites appearing in Tables 1.1 and 1.2 are tabulated. HAYSTACK does not appear as it is always the reference station in each session in which it participates.

Table 8.2 presents, for each session, the geocentric, Cartesian components for each fixed station or mobile site, their 1-σ standard statistical errors (unscaled), their adjustments, their total adjusted value, and their correlations in lower triangular form. These tables are only available in the machine-readable version.

9.0 Earth Rotation and Nutation from GLB867

Plots 9.1 through 9.4 show the pole in arcseconds over the periods 1979 through 1983, 1984 through 1986, 1987 through 1990, and 1991 respectively. One-σ standard statistical errors of the pole components are of the order of 100 to 300 milliarcseconds. Error bars have been omitted from the plot for clarity. Plot 9.5 shows the variation in the value of UT1 - TAI in seconds of time, with a linear term removed, for the period from 1979 to 1991, inclusive. This term was determined by least squares to be a slope of approximately -572 ms/yr. Formal errors of the points are of the order of 30 to 300 μs. Once again, error bars have been omitted for clarity.

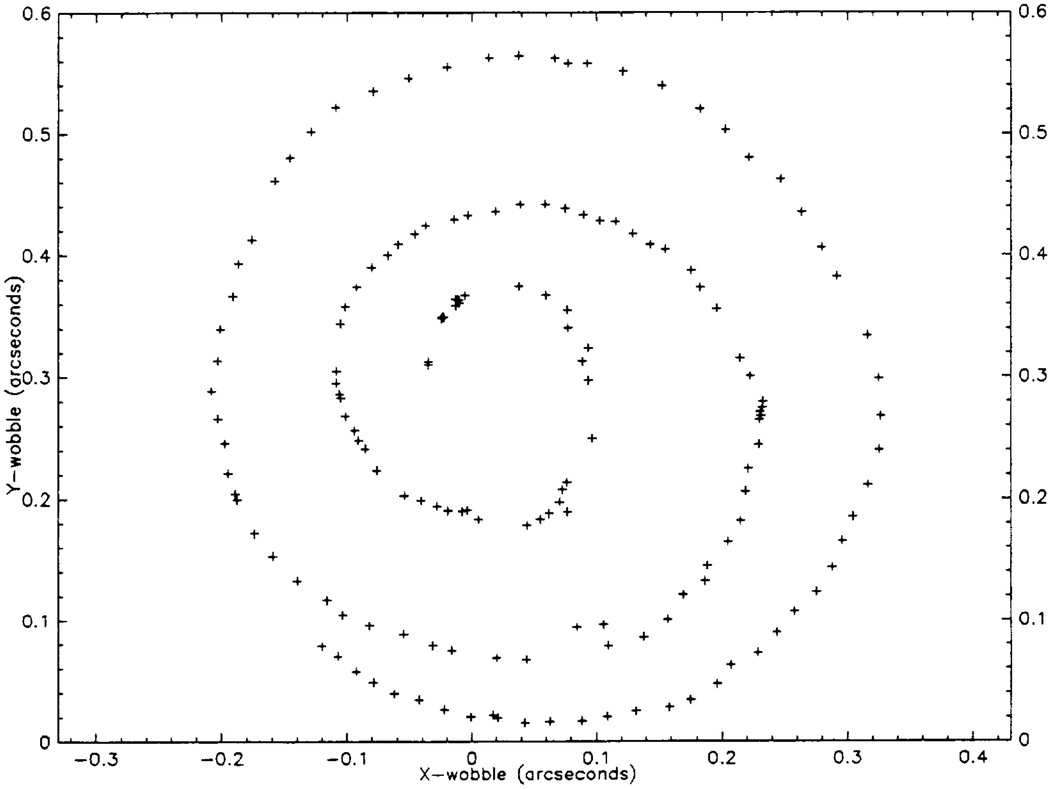
Plot 9.6 shows the nutation offsets $\Delta\epsilon$ and $(\sin\epsilon)^*\Delta\psi$ from the 1980 IAU nutation series, estimated in solution GLB867 for the period 1979 to 1991, inclusive. The longitude values have been multiplied by the sine of the obliquity of the ecliptic for plotting only. The values of the longitude and obliquity are in units of arcseconds with 1-σ standard statistical errors of the order of 0.8 to 3 milliarcseconds in longitude and 0.3 to 1.3 millliarcseconds in obliquity. As with the Earth orientation parameters, error bars have been omitted for clarity.

Numerous sessions, typically mobile sessions and single baseline sessions, are unsuitable for the determination of Earth orientation and nutation parameters. Results from these sessions, which have very large uncertainties in one or more component, are not plotted even though the sessions were actually included in solution GLB867. The single baseline POLARIS sessions however, were retained as omitting these would leave a large gap in the early VLBI results. The pole position, UT1 - TAI, and nutation plots include all other relevant data (fixed station CDP, POLARIS, IRIS, and NAVNET).

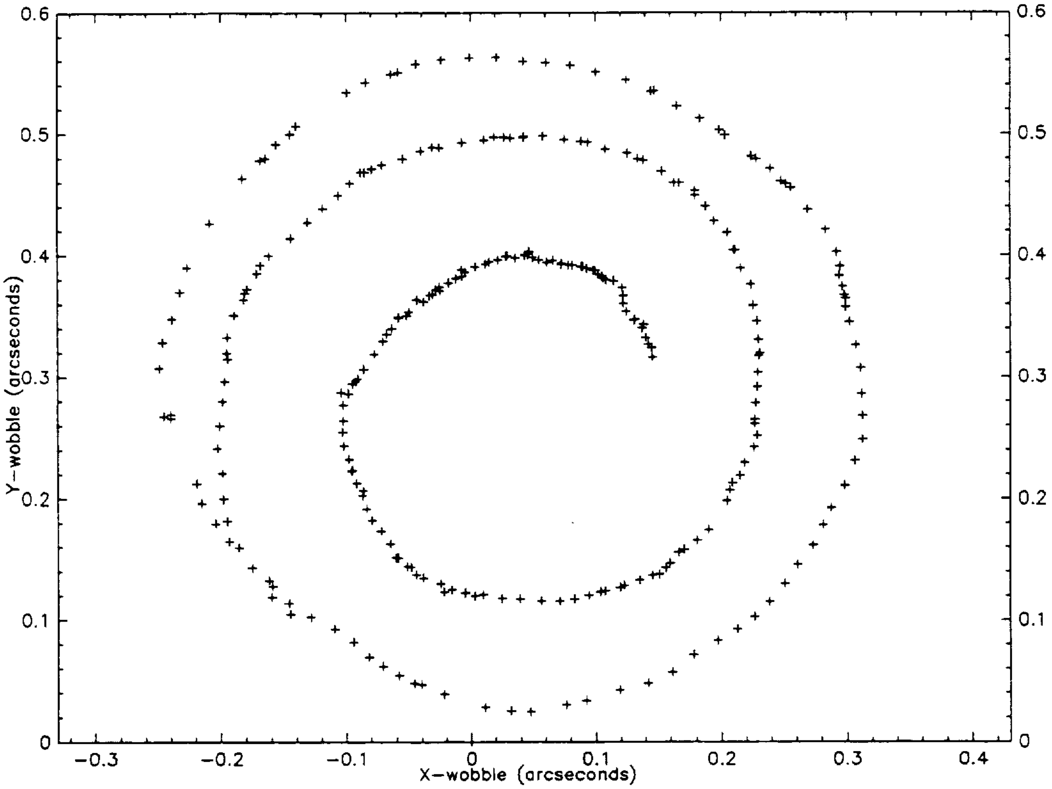
The actual data plotted in 9.1 through 9.6 are available in the machine-readable version in a modified IERS format. In this format UT1 - UTC is included, rather than UT1 - TAI. The tabulated values in machine-readable form include the errors, the weighted rms delay in ps for the corresponding session, and the correlations among the earth orientation and nutation parameters.

Rates for the Earth orientation and nutation parameters were not estimated in the solutions for this report.

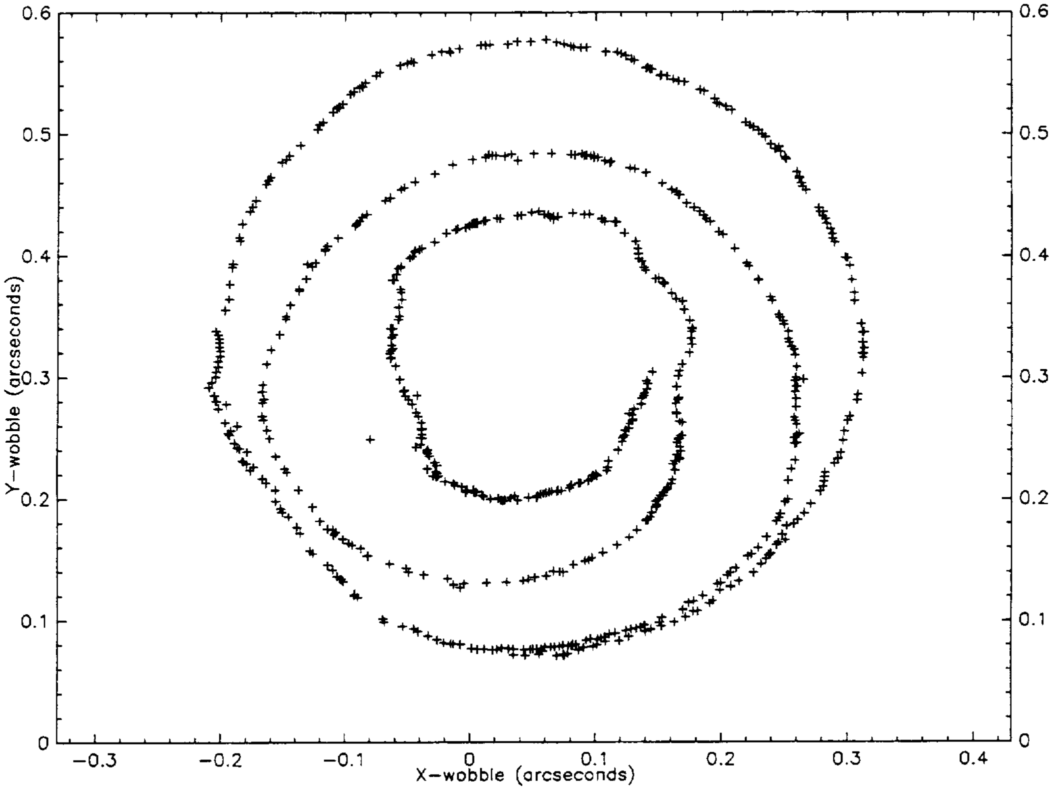
9.1 Polar Motion 1979–1983



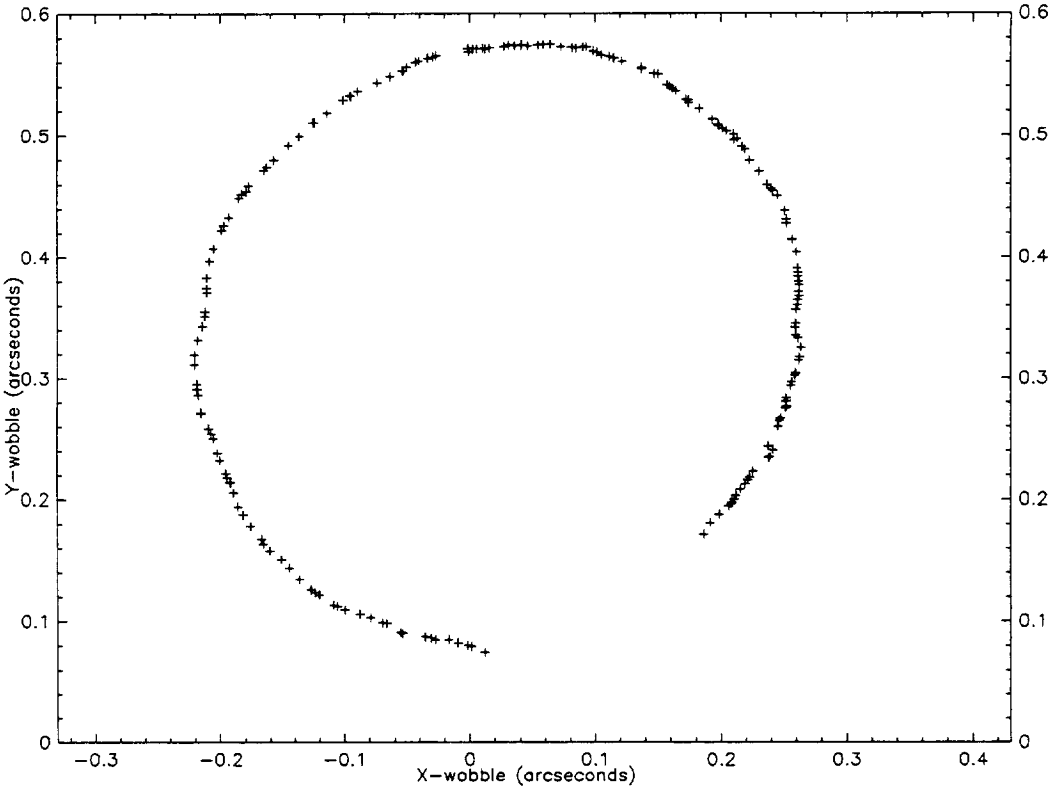
9.2 Polar Motion 1984–1986



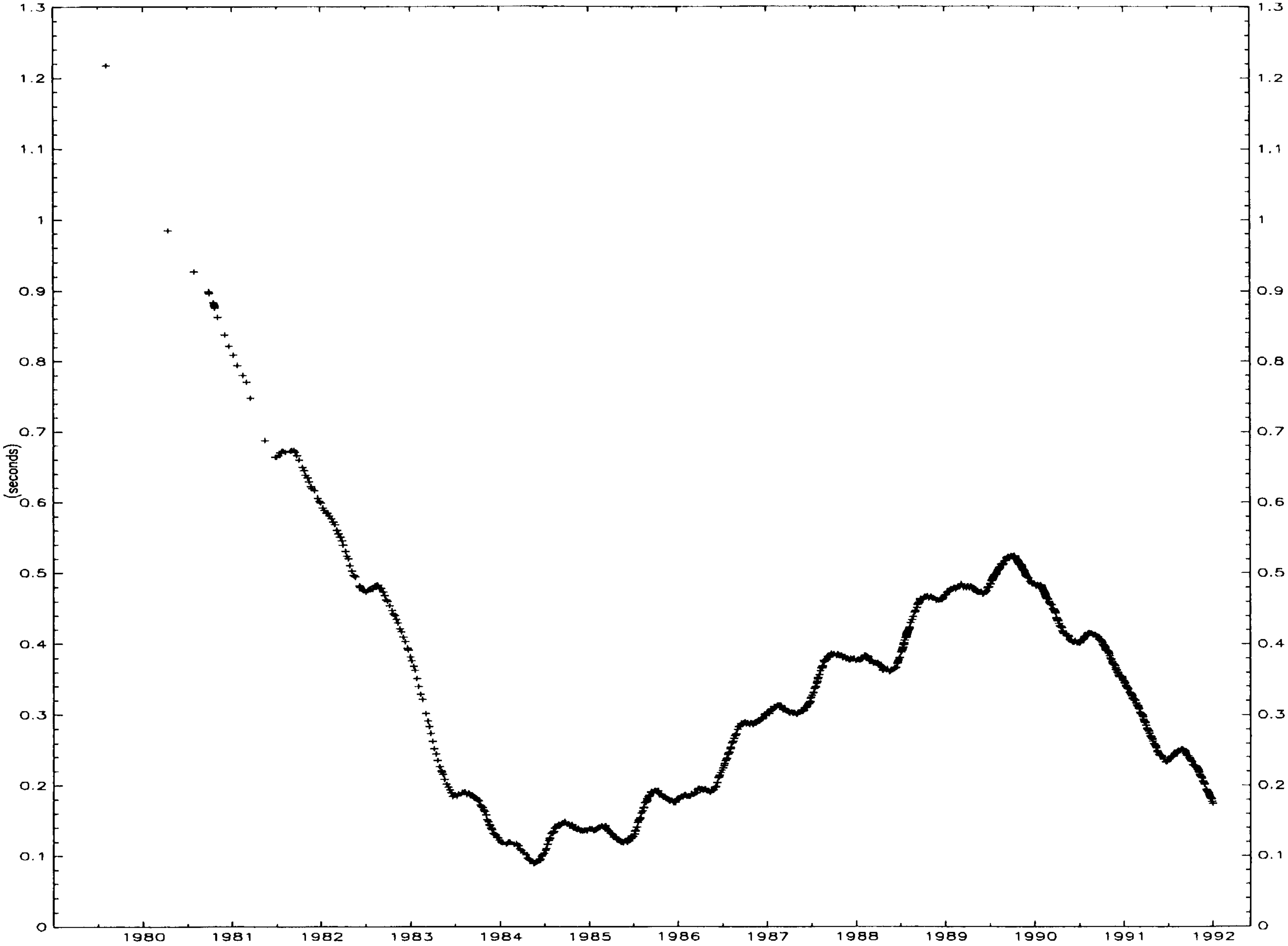
9.3 Polar Motion 1987 – 1990



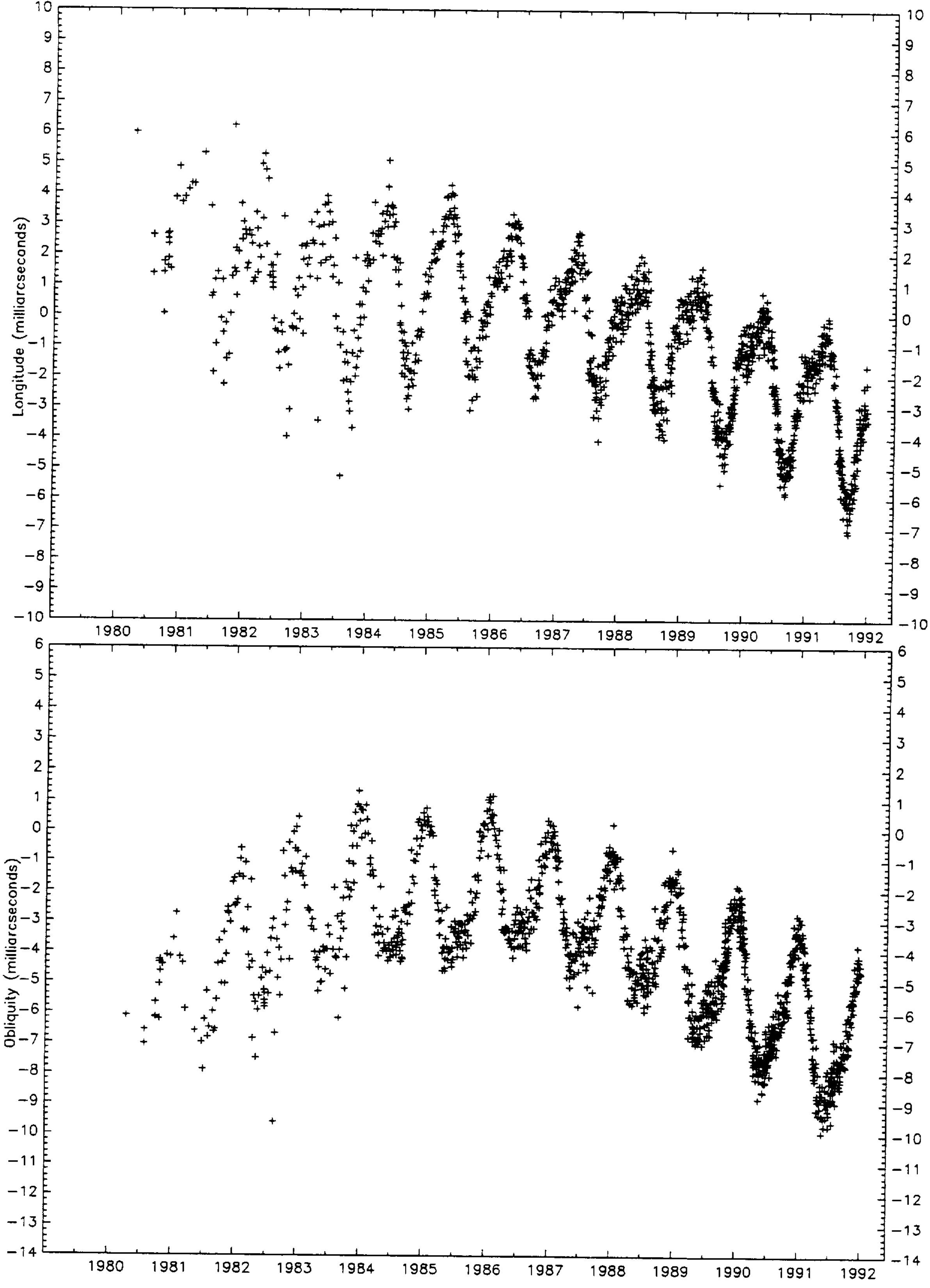
9.4 Polar Motion 1991



9.5 Variation in UT1 — TAI



9.6 CDP VLBI Nutation Offsets to IAU 1980



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13. ABSTRACT *(Maximum 200 words)*

The Goddard VLBI group reports the results of analyzing 1648 Mark III data sets acquired from fixed and mobile observing sites through the end of 1991, and available to the Crustal Dynamics Project. Two large solutions were used to obtain Earth rotation parameters, nutation offsets, radio source positions, site positions, site velocities, and baseline evolution. Site positions are tabulated on a yearly basis for 1979 to 1995, inclusive. Site velocities are presented in both geocentric Cartesian and topocentric coordinates. Baseline evolution is plotted for 200 baselines, and invididual length determinations are presented for an additional 356 baselines. This report includes 155 quasar radio sources, 96 fixed stations and mobile sites, and 556 baselines.

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