NASA Contractor Report 191489

Radiometer Offsets and Count Conversion Coefficients for the Earth Radiation Budget Experiment (ERBE) Spacecraft for the Years 1987, 1988, and 1989

Jack Paden, Dhirendra K. Pandey,
Joseph C. Stassi, Robert Wilson,
William Bolden, Susan Thomas, M. Alan Gibson

Science Applications International Corporation (SAIC)
One Enterprise Parkway, Suite 250
Hampton, Virgina 23666-5845

Contract NAS1-19570
July 1993

National Aeronautics and Space Administration

Langley Research Center
Hampton, Virginia 23681-0001

Radiometer Offsets and Count Conversion Coefficients for the Earth Radiation Budget Experiment (ERBE) Spacecraft for the Years 1987, 1988, and 1989

Jack Paden, Dhirendra K. Pandey,
Joseph C. Stassi, Robert Wilson,
William Bolden, Susan Thomas, M. Alan Gibson

Science Applications International Corporation (SAIC)
One Enterprise Parkway Suite 250
Hampton, Virginia 23666-5845

Contract Number NAS1-19570

TABLE OF CONTENTS

LIST OF FIGURES

TABLE OF CONTENTS (concluded)

LIST OF TABLES

APPENDICIES

LIST OF ACRONYMS

Acronym	Definition
ERBE	Earth Radiation Budget Experiment
ERBS	Earth Radiation Budget Satellite
FOV	Field-Of-View
FOVL	Field-Of-View Limiter
IBB	Internal Blackbody
IVT	Instrument Validation Tape
LaRC	Langley Research Center (NASA, Hampton, VA)
LW	Longwave
MFOV	Medium Field-Of-View
MRBB	Master Reference Blackbody
N.A.	Not Applicable
NASA	National Aeronautics and Space Administration
NOAA	National Oceanic and Atmospheric Administration
S.P.	Scan Position
SW	Shortwave
SWICS	Shortwave Internal Calibration Source
T	Total
WFOV	Wide Field-Of-View

LIST OF SYMBOLS

Symbol	Definition
A_E	Gain due to LW heating of SW filter dome
A_F	Gain due to FOVL temperature
A_V	Gain due to active cavity
A_R	Gain due to reference cavity
B	Offsets
E_{SW}	The radiance measured by the shortwave channel
E_T	The radiance measured by the total channel
T_A	The Aperture Temperature
T_H	The Heater Temperature
T_F	The FOVL temperature
V	The detector voltage
V_R	The Reference Cavity (Calibration) Heater Voltage

1.0 INTRODUCTION

The NASA Earth Radiation Budget Satellite (ERBS) spacecraft was launched into a 57 degree inclination, geocentric orbit on 5 October 1984. The National Oceanographic and Atmospheric Administration (NOAA)-9 spacecraft was launched into a polar, Sun-synchronous, geocentric, "noon/midnight" orbit on 12 December 1984. The NOAA-10 satellite was launched into a polar, Sun-synchronous, geocentric, "terminator" orbit on 17 September 1986. Offsets and count conversion coefficients for the ERBE satellites for the years 1985, 1986, and 1987 were published in NASA LaRC Contractor Report 187589 (Reference 1), dated May 1991, and this report may be considered to be a logical extension of that one.

2.0 SCANNING RADIOMETERS

The relative positions of the scanner at various elevation angles are shown in Figure 1. The complete design and method of operation of the scanners was described by Carman (Reference 2) and Kopia (Reference 3). Data for scanner offsets are obtained from pre-Processed Archival Tapes (also called pre-PATs or ID-3s) produced by the ERBE Merge Subsystem. The Merge Subsystem and the ERBE scanner count conversion process is fully described by Stassi et al. (Reference 4). An ERBE telemetry record consists of data measurements over a 16-second period. The ERBE scanners complete one scan every four seconds; hence, there are four scans in each telemetry record. A space-view is obtained every scan and is the source of the "space clamp" offset. Drift in the "space clamp" over the scan is adjusted. The scan position offsets are those listed in this report. It is important to mention that the scan positions referred to in this report, which range from 1 to 60, are known as the "Earth-viewing" scan positions, and they differ from the sample numbers listed in other documents (e.g., Section 4, Reference 8), which range from 1 to 74. The conversion from the "Earth-viewing" scan position to sample number is performed by adding 8 to the scan position. Thus, sample numbers 1 to 7 are the "space-viewing" positions, 8 to 68 are "Earth-viewing", and 69 to 74 are the "internal blackbody (IBB) viewing" positions. The nadir position in the "Earth-viewing" system is scan position 34, and it is sample number 42.

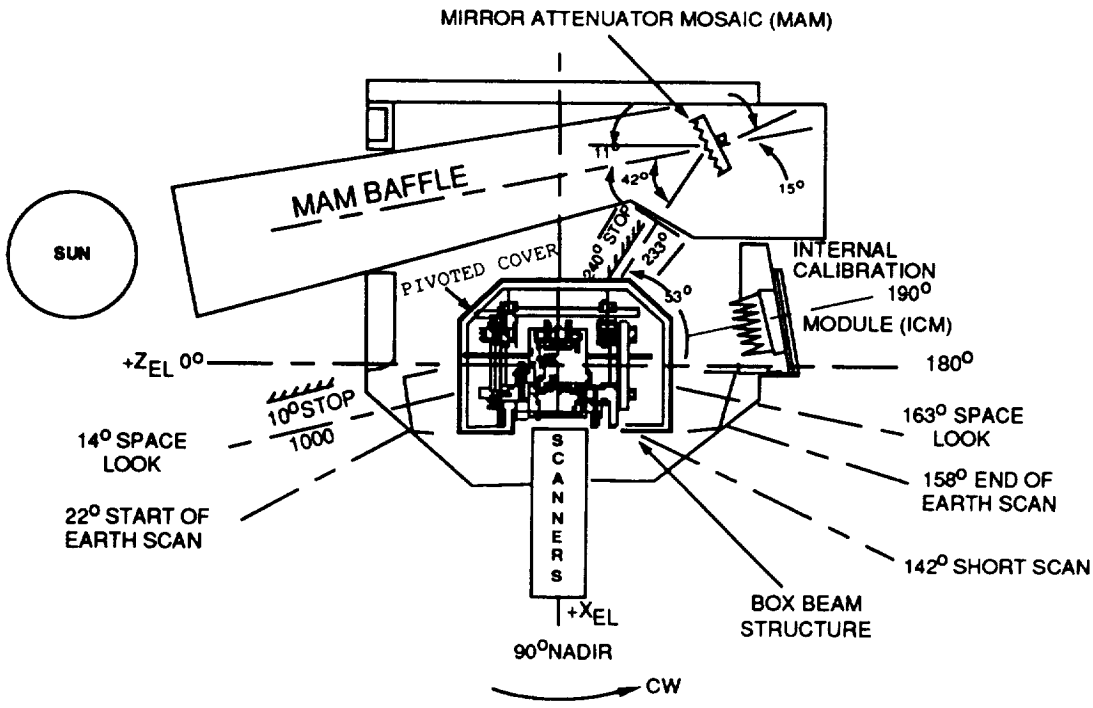


Figure 1. ERBE Scanner Elevation Angles

2.1 GROUND OFFSETS AND THE SCANNER COUNT CONVERSION ALGORITHM

The ERBE Science Team (Reference 5) modeled and determined the count conversion coefficients (Reference 6) using the TRW ground calibration data documented by Hendricks (References 7, 8, and 9) for all ERBE scanning sensors. A more detailed description of the scanner count conversion process is given by Lee et al. (Reference 10). The accuracy of the ERBE scanners was shown by Lee et al. (Reference 11) to be within 1%. Stassi et al. (Reference 4) detailed the software applications of the count conversion algorithms as they are used by the ERBE Merge Subsystem. In abbreviated form, the following equation characterizes the scanner count conversion algorithm used:

$$E_{scan} = \text{GAIN} * (\text{raw counts} - (\text{scan position} + \text{space clamp count offset})) + \text{scan offset for the record} + \text{drift offset for the scan}$$

where: GAIN = (AV/VB)*CVLT and
AV = a constant for the channel determined from ground calibration data.
VB = bias voltage counts for the channel
CVLT = a counts-to-voltage conversion factor (=1/409.5)

Green et al. (Reference 12) discuss the process of inverting the satellite attitude measurements to the top-of-the-atmosphere (TOA).

2.2 ERBS SCANNER OFFSET PROCEDURES

It has been verified, by using space-view data from in-flight pitch-up maneuvers, that the ERBS in-flight scanner offsets remain the same as the ground offsets. Major differences were found, however, between the scanner offsets when operated at the along-track azimuth position and those found when operated in the cross-track position. Appendix A contains the ERBS cross-track and along-track scanner offsets. All ERBE scanner operations for the period described in this publication were in the cross-track mode. Plots of these filtered offsets are shown in Figures 2, 3, and 4.

2.3 NOAA SCANNER OFFSET PROCEDURES

The procedures used in the determination of the in-flight offsets for the ERBE NOAA satellites were developed by Mr. Lee Avis (Reference 13) of the Atmospheric Sciences Division at the NASA Langley Research Center (LaRC). The procedures include:

1. Accepting the ERBS measurements as "truth"
2. Comparing ERBS measurements to those of NOAA-9 or NOAA-10
3. Assume differences are offset errors
4. Adjust the NOAA measurements using the measured differences

The procedures are unique to the scanner instruments. The NOAA-9 and NOAA-10 scanner offsets were produced only for scan positions 5 - 60 because scan positions 1 - 4 are either space scans or are space contaminated. Detailed procedures are outlined in the following paragraphs.

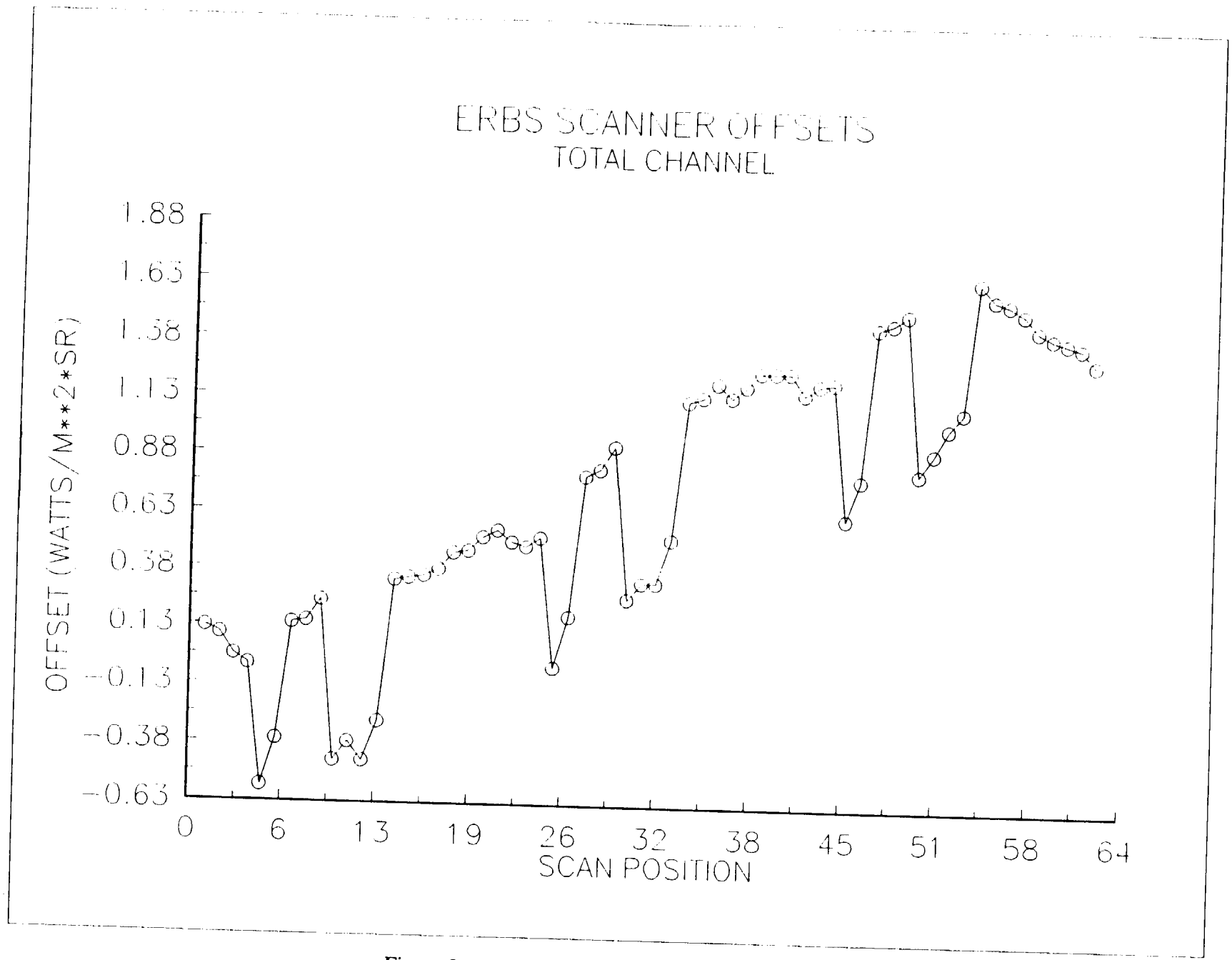


Figure 2. ERBS Scanner Offsets - Total Channel

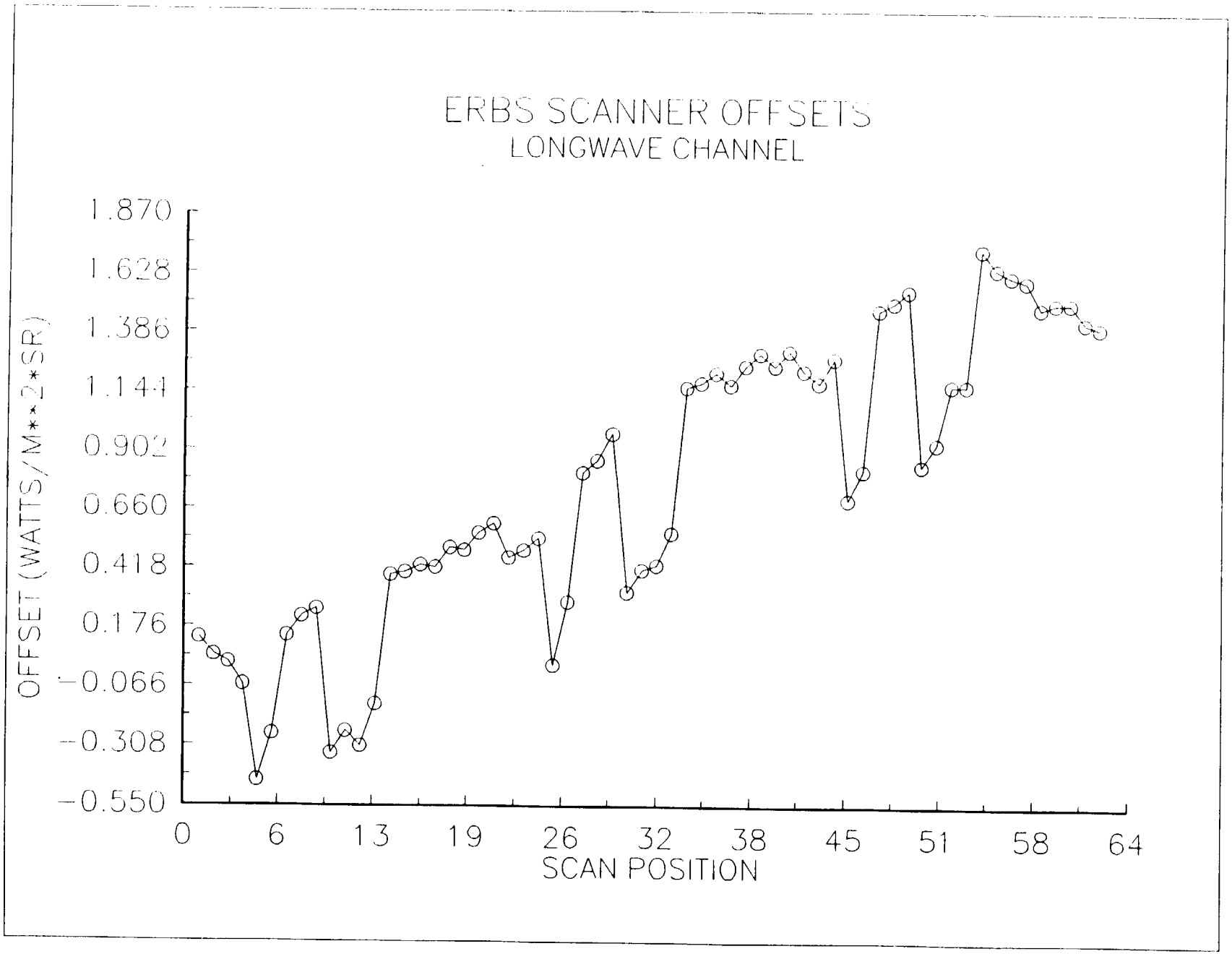


Figure 3. ERBS Scanner Offsets - Longwave Channel

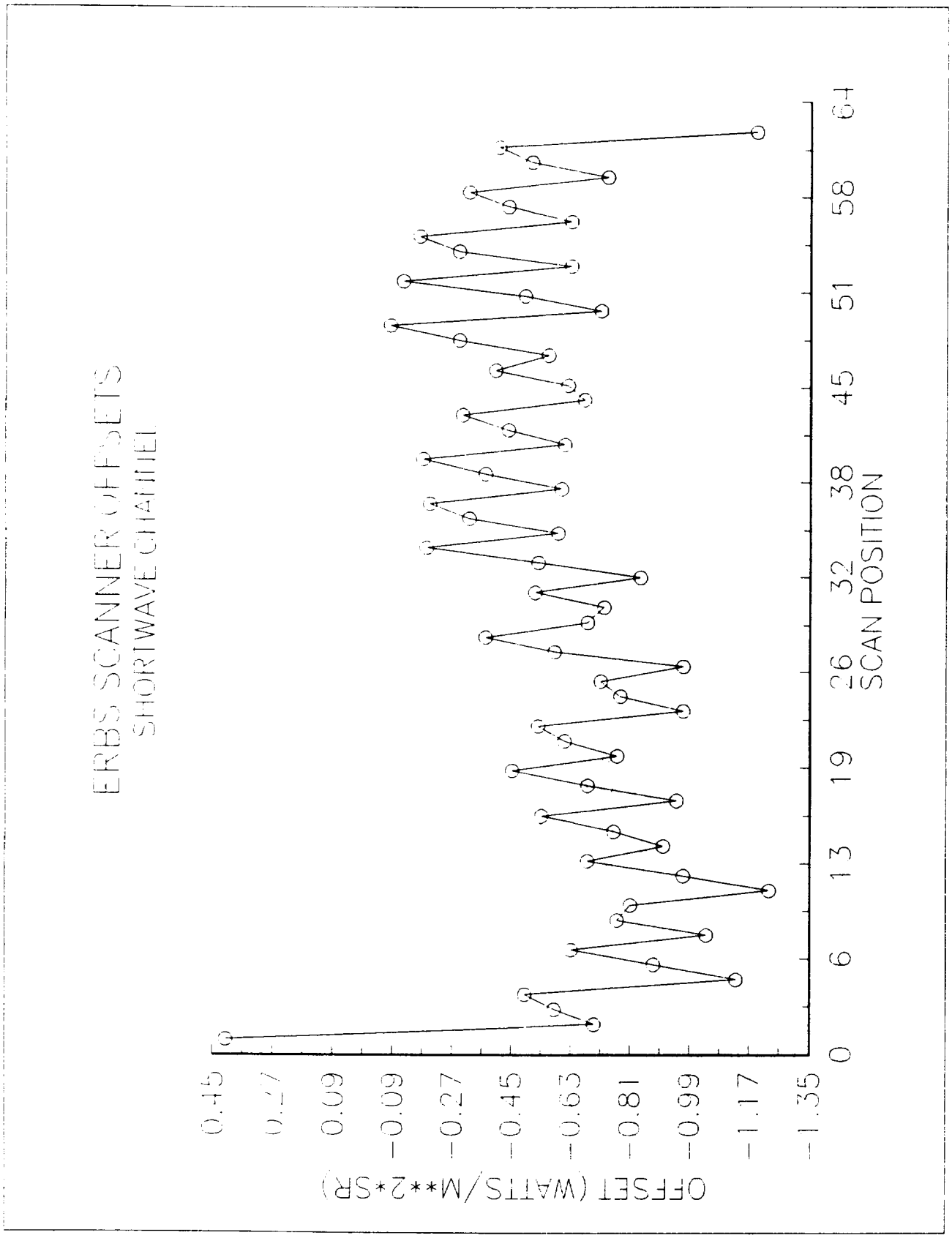


Figure 4. ERBS Scanner Offsets - Shortwave Channel

2.3.1 NOAA-9 SCANNER OFFSET PROCEDURES

For selected days during the month, when the ERBS averaged radiance profile is approximately Lambertian and the ERBS and NOAA-9 satellite orbits intersect in darkness, averages of the differences in the two readings for each scan position (corrected for differences in satellite altitude) were determined. These "offsets" are called the "benchmark" offsets and represent the amount by which the NOAA-9 measured radiances must be corrected to produce the "corrected to ERBS" values. The NOAA-9 offsets for each day, or for a group of days, are determined by applying the "benchmark" offsets to the NOAA-9 readings for the "benchmark" day or days, averaging if more than one day is involved, and taking the difference between these "corrected to ERBS" NOAA-9 radiances and the measured NOAA-9 radiances on the day in question. The NOAA-9 scanner offsets, generated by using the "Avis" method (Reference 13) just described, are shown in Appendix B of this report. In the listings contained in Appendix B, there are occasional columns which are filled with asterisks. In those cases, there either were no data for the day in question, or the data were not reduced.

2.3.2 NOAA-10 SCANNER OFFSET PROCEDURES

In the case of the NOAA-10 satellite, scanner offsets are necessarily produced in a different manner than those for NOAA-9 because in the NOAA-10 terminator orbit, there are few intersections in darkness; and because the NOAA-10 offsets have been found to be sensitive to scanner azimuth angle, which was set at either 0 or 35 degrees. Therefore, to determine NOAA-10 offsets, the NOAA-9 procedures were modified to use an average of all offsets for days which contain nighttime intersection data during the period under consideration (i.e., the period when the scanner azimuth angle remains fixed at either 0 or 35 degrees). These averaged data were then used as the NOAA-10 offsets for each day of the entire period. The NOAA-10 scanner offsets which were generated using the modified procedures method, are shown in Appendix C of this report. Offset plots for the ERBS, NOAA-9, and NOAA-10 scanners are shown in Appendices E and F, respectively. Since ERBS offsets did not vary with time, the ERBS plots are 2-dimensional. NOAA-9 offsets are shown in surface plots because they changed daily. NOAA-10 offsets varied only when the scanner azimuth angle changed; therefore, only two different sets were used.

2.4 SIGNIFICANT EVENTS

During the lifetimes of the three ERBE satellites, there were periods when the satellites did not function "normal" in the Earth-viewing mode. Some of these special measurement events were planned, such as the biweekly internal calibrations and operations in the along-track (or pushbroom) mode, others were not. The most significant of these events are described in the following paragraphs.

2.4.1 SIGNIFICANT EVENTS: ERBS

1987 - During the month of February, from the 15th to the 25th; during the month of June, from the 3rd to the 17th; during the month of August, from the 17th to the 27th; and during the month of December, from the 3rd to the 17th; the ERBS scanner was operated at an azimuth angle of 145° (i.e., the "hot-orbit" position). At all other times during the year, the scanner was operated at the "normal" cross-track azimuth angle of 180°. The scanner operated in "normal Earth-scan" mode, and the nonscanner operated with azimuth and elevation angles of 0° for the entire year. On 2 July 1987, during a scheduled in-flight orientation, change control of the spatial orientation of the ERBS spacecraft was lost. To prevent damage to the instrument, power was turned off. Control was regained on 4 July. When the instrument was powered-up, the offsets for the nonscanner detectors were found to have shifted.

1988 - During the month of February, from the 14th to the 24th; during the month of June, from the 2nd to the 16th; during the month of August, from the 15th to the 25th; and during the month of December, from the 2nd to the 15th; the ERBS scanner was operated at an azimuth angle of 145°. At all other times during the year, the scanner was operated at the normal cross-track azimuth angle of 180°. The scanner operated in the normal Earth-scan mode, and the nonscanner operated with azimuth and elevation angles of 0° for the entire year.

1989 - During the month of February, from the 13th to the 23rd; during the month of June, from the 1st to the 15th; during the month of August, from the 14th to the 24th; and during the month of November, from the 30th to the 14th of December; the ERBS scanner was operated at an azimuth angle of 145°. At all other times during the year, the scanner was operated at the normal cross-

track azimuth angle of 180°. The scanner operated in the normal Earth-scan mode, and the nonscanner operated with azimuth and elevation angles of 0° for the entire year.

2.4.2 SIGNIFICANT EVENTS: NOAA-9

The scanner instrument failed at 18:49:12 on 20 January 1987. Thereafter, there are no scanner offset data for the NOAA-9 satellite.

2.4.3 SIGNIFICANT EVENTS: NOAA-10

Because of the orientation of the Sun in relation to the NOAA-10 scanning plane in this terminator orbit, the scanner azimuth angle must be changed periodically to prevent scanning of the solar disk. On 1 January 1987, the scanner was operating at an azimuth angle of 35° and remained so until 17:44 on 21 April 1987, when it was changed to 0°, where it stayed until 12:38 on 31 August 1987. At that time the scanner azimuth was again set to 35°, where it remained until 13:31 on 19 April 1988, when it was again returned to 0°. The scanner azimuth remained at 0° until 20:42 on 29 August 1988, when it was again set to 35°. The scanner remained at an azimuth of 35° until 13:15 on 16 April 1989, when it was returned to 0°. The scanner remained at a 0° azimuth until the instrument failed at 17:03:26 on 22 May 1989. Thereafter, there are no scanner offset data for the NOAA-10 satellite.

3.0 NONSCANNING RADIOMETERS

The ERBE nonscanning sensor module is illustrated in Figure 5. The complete design and method of operation for the nonscanners was described by Carman (Reference 14) and Luther et al. (References 15 and 16). The TRW ground calibration data for the ERBS, NOAA-9, and NOAA-10 nonscanners were documented by Fellner et al. (References 17, 18, and 19). The ERBE Science Team and Halyo et al. (References 5 and 6) designed, modeled, and developed count conversion equations to represent the TRW ground calibration data. They also produced the final count conversion coefficients for all nonscanning sensors. For the most part, nonscanner offsets were produced for every usable calibration day. The normal nonscanner calibration frequency was once every two weeks.

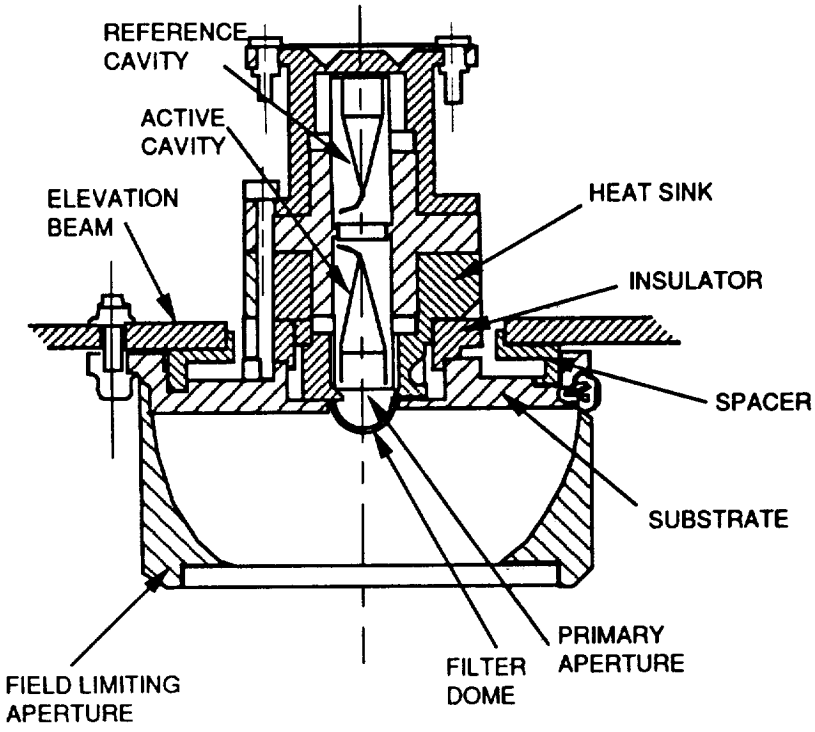


Figure 5. ERBE Nonscanning Sensor Module

3.1 NONSCANNER COUNT CONVERSION ALGORITHMS

The equations used in the determination of nonscanner offsets were developed by the ERBE Science Team and are as follows:

TOTAL CHANNELS (WFOV & MFOV)

$$E_T = A_V \cdot V^2 = A_F \cdot T_F + A_R \cdot V_R^2 + B_T \tag{1}$$

SHORTWAVE CHANNELS (WFOV & MFOV)

$$E_{SW} = A_V \cdot V^2 + A_F \cdot T_F + A_E \cdot E_T + A_R^2 + B_{SW} \tag{2}$$

The in-flight total channel count conversion coefficients, except for the B_T offset term, remain the same as the ground coefficients. The offset term, B_T, was recalculated using in-flight calibration data. However, because of degradation of the transmissivity of the Suprasil dome used to block

longwave radiation from entering the active cavity of the shortwave channel, each count conversion coefficient for the shortwave channel is modified as described in paragraph 3.1.1. The shortwave offset term, B_{SW}, is then recalculated using the in-flight data as described in paragraph 3.3.

3.1.1 DOME DEGRADATION CORRECTION

The transmissivity degradation caused by solar exposure of the dome is computed for each calibration day. The method of correction of the shortwave data to compensate for this dome degradation is accomplished by using the relationship:

$$A(t) = \{s(t_0)/s(t)\} \cdot A$$

where:

$A(t)$ = "corrected" in-flight shortwave coefficient

$s(t_0)$ = measured solar irradiance on day 0

$s(t)$ = measured solar irradiance on day t

A = ground coefficient for the term in question

The factor $\{s(t_0)/s(t)\}$ is sometimes referred to as the dome degradation factor. It is a number (normally greater than 1) which represents the amount by which the ground coefficient, A, must be increased to compensate for degradation of the dome. These comments apply to all "A" coefficients in the shortwave equation (2). Before June of 1988 (in the case of NOAA-10), and before July of 1988 (in the cases of ERBS and NOAA-9); for the coefficients and offsets listed in this document, the value of s(t) was calculated from a second order fit to solar calibration data, both before and after the data days. After the previously mentioned dates, the coefficients and offsets were determined by linear interpolations of the solar calibration data taken by the Earth-viewing channels on the closest calibration days bracketing the data day. The reason for these changes is illustrated graphically in Figures 6, 7, and 8, which describe, respectively, the solar measurements taken by the Earth-viewing channels for the ERBS, NOAA-9, and NOAA-10 spacecraft. The initial degradation of the ERBS WFOV shortwave channel (Figure 6) was very close to second order; however, the flattening, rise, and then more gradual degradation of the ERBS channel (at about the 3-year mark) indicated other (unpredictable) factors were involved. Moreover, similar behavior of the NOAA-10 WFOV shortwave channel (Figure 8) reinforced our need to abandon

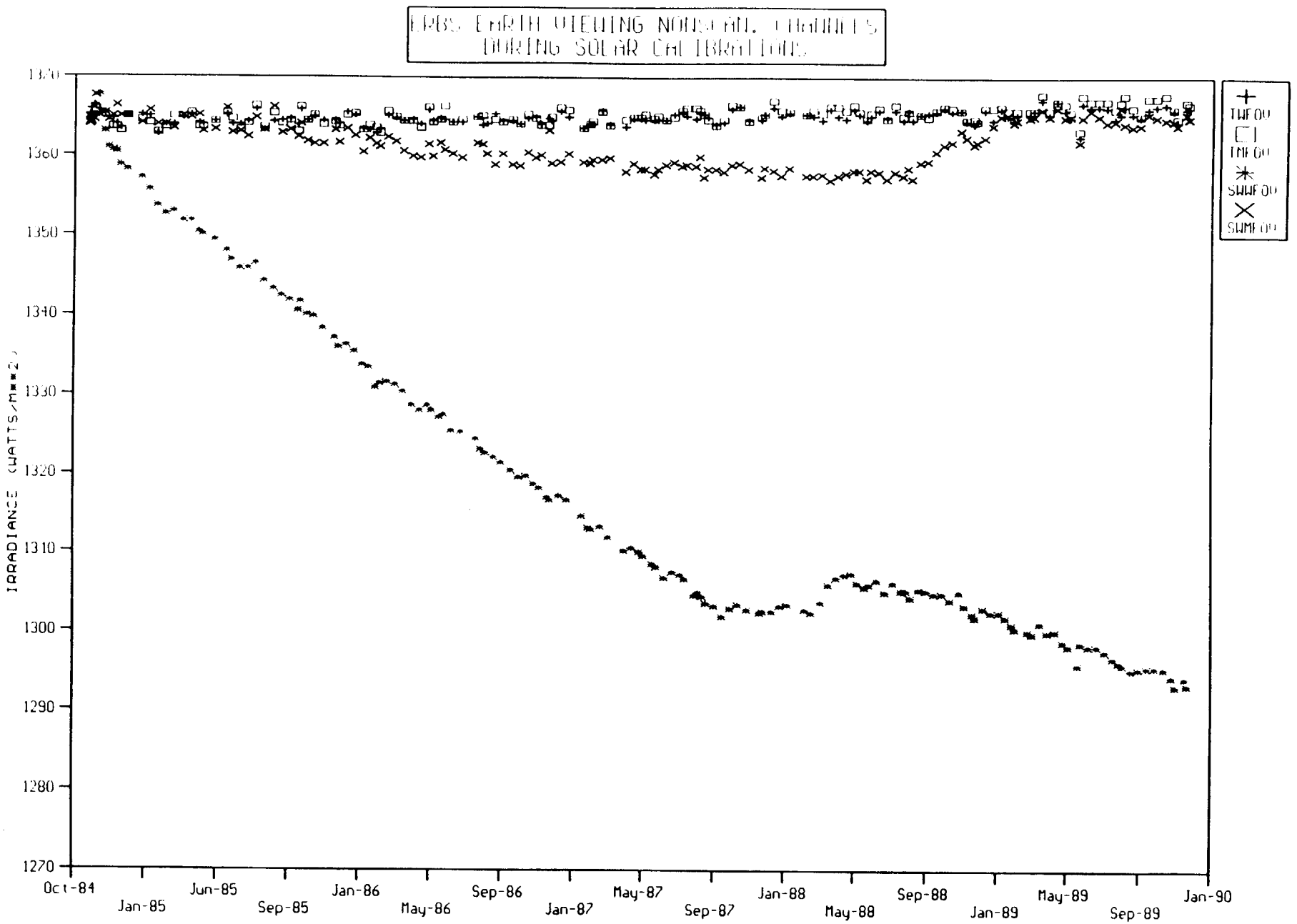


Figure 6. ERBS Solar Calibration Data

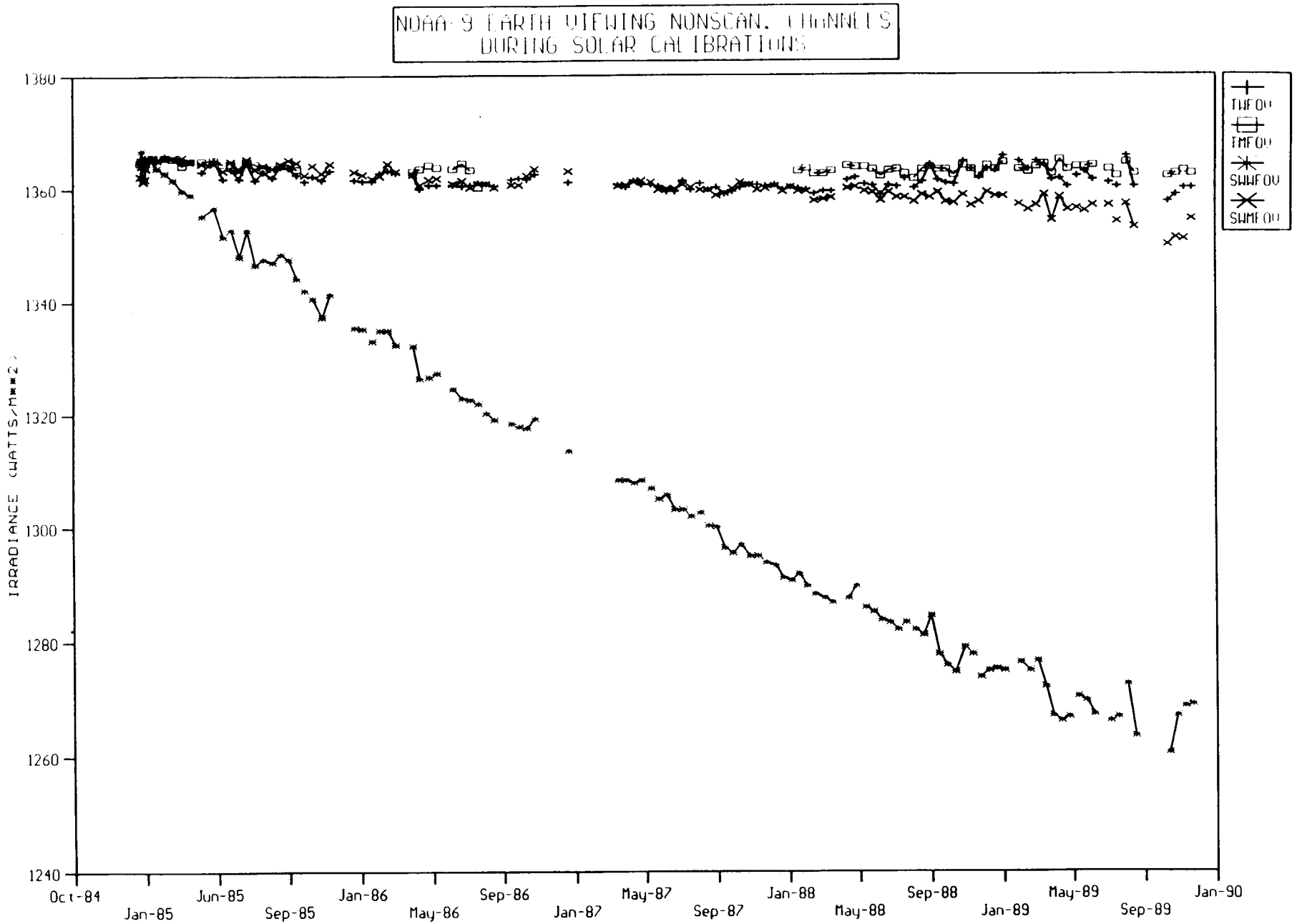


Figure 7. NOAA-9 Solar Calibration Data

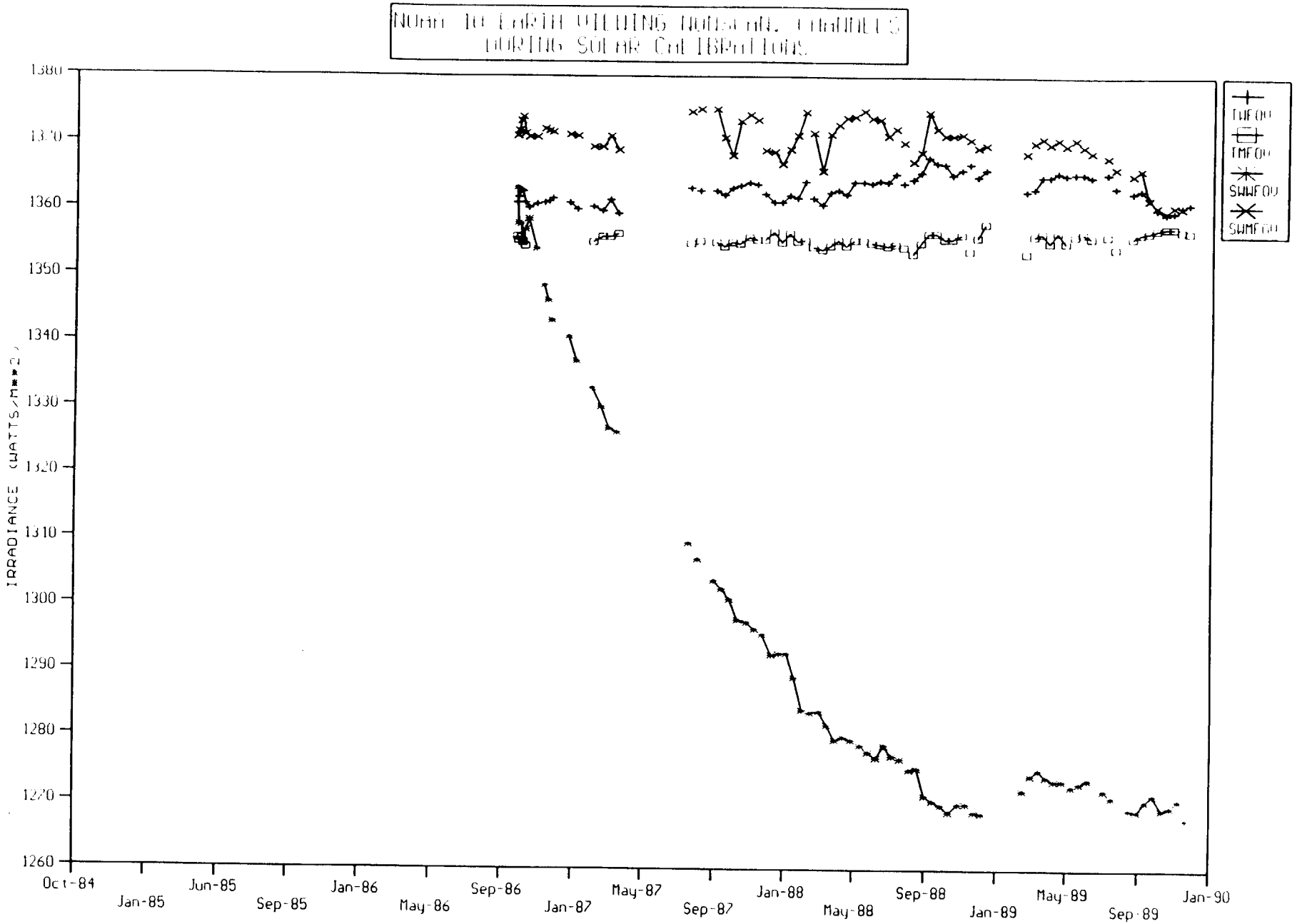


Figure 8. NOAA-10 Solar Calibration Data

the curve-fitting method in favor of the "instantaneous" method of determining degradation factors.

The offset terms, B_{SW}, were then computed by assuming zero shortwave energy present in the nighttime in-flight data. These in-flight offsets have been described elsewhere by Paden et al. (Reference 20).

3.2 GROUND OFFSETS

Ground calibrations for the ERBE nonscanners were performed by Fellner et al. (References 13, 18, and 19) at the TRW facility in Redondo Beach, California, and an analysis of these calibrations was performed by the ERBE Science Team (Reference 5). The resultant coefficients are presented in Table 1.

TABLE 1. ERBE Nonscanner Ground Coefficients

SAT	COEF.		A_V	A_E	A_R	B	A_E
ERBS	TOT	WFOV	-22.7873	-1.3968	26.1161	1703.700	N.A.
		MFOV	-22.7093	-0.9230	25.1276	1273.547	N.A.
	S/W	WFOV	-25.5824	-0.6434	26.5454	1311.386	-0.03051
		MFOV	-25.5337	1.2227	29.0431	1014.669	-0.03751
NOAA 9	TOT	WFOV	-22.8621	-0.3977	24.7635	1475.430	N.A.
		MFOV	-22.5566	-0.5274	23.9133	1211.540	N.A.
	S/W	WFOV	-25.9880	-0.3540	30.1311	1359.474	-0.03465
		MFOV	-25.4599	0.7092	28.9870	841.703	-0.03604
NOAA 10	TOT	WFOV	-22.5230	-0.4216	23.8202	1432.85	N.A.
		MFOV	-23.2215	-1.9825	22.4009	1668.74	N.A.
	S/W	WFOV	-24.3501	-1.3074	28.6683	1417.18	-0.03032
		MFOV	-25.0633	-3.3751	29.1677	1942.58	-0.02270

3.3 IN-FLIGHT OFFSETS

The ERBE Merge Subsystem, described by Stassi et al. (Reference 4) was used to produce Instrument Validation Tape (IVT) for each calibration day in question. This tape was used as the source for nonscanner in-flight calibration data. Appendices F, G, and H contain figures depicting the offsets derived on the calibration days for the ERBS, NOAA-9, and NOAA-10 satellites, respectively. Monthly tables of nonscanner offsets, as they were used by the Merge Subsystem, are reproduced in their original memoranda format in Appendices I, J, and K, for the ERBS, NOAA-9, and NOAA-10 satellites, respectively. At the time of publication of this document, nonscanner offsets (for the production of archivable products) were available for the following months only:

ERBS : 1 January 1987 through 31 December 1989
NOAA-9 : 1 January through 31 January 1987
NOAA-10: 1 January 1987 through 31 May 1989

3.3.1 TOTAL CHANNELS

Two data sets are used to independently determine total channel offsets (i.e., the B_T terms). These are referred to as "B-soak" and "internal cal." The "B-soak" data set is the set of 60 IVT records beginning 90 records before the "go to nadir" command preceding the elevation of the instrument to the internal sources for the internal calibration sequence. The "internal cal" data set is the data set comprised of records collected during the internal calibration sequence when both the Shortwave Internal Calibration Source (SWICS) and the calibration heater voltages are zero. Total channel offsets are independently determined from both of these data sets, using the temperature and voltage data supplied by the IVT records. If the "B-soak" offset is present, it is the preferred offset and is the final total channel offset. If the "B-soak" offset is not available, then the "internal cal" offset is used. In conformance with the characterization of the total channel offsets (Reference 6), we have added the correction factor multiplied by the configuration factor to convert the internal blackbody (IBB) measurements into the master reference blackbody (MRBB) units. All nonscanner offsets listed in this document include this correction factor.

3.3.2 SHORTWAVE CHANNELS

Four data sets are defined for use in the independent determination of shortwave channel offsets. The "B-soak" and "internal cal" data sets, as described for the total channels; the "nighttime" data set; and the "solar cal" data set. The "nighttime" data set is the aggregate of all data records collected when the solar zenith angle is greater than a specified value. The specified value is normally 123 degrees. The "solar cal" data set is the collection of "space-look" records (about 24) following solar exposure while the instrument is returning to nadir. During the "nighttime" and "solar cal" periods, the incident shortwave flux is assumed to be zero. **If there is data for the "nighttime" offset, this is the preferred offset.** If not, then the second choice is the "internal cal" offset determined by using the IVT data (and using the SWICS temperature to determine the total channel flux reading, if the SWICS was being observed) adjusted by the appropriate "delta" (e.g., the fitted difference between the "nighttime" and the "internal cal" shortwave offsets). Failing either of these options, we then resort to using interpolated "nighttime" (first choice) or "internal cal" (second choice) data from the calibration days immediately preceding and succeeding the day in question. "Solar cal" offsets are not currently used. Deltas for shortwave channel correction from internal calibration data to its "nighttime" equivalents are determined from least squares linear fits to historical shortwave calibration data.

3.4 FINAL COUNT CONVERSION COEFFICIENTS

Appendices F, G, and H contain tables of nonscanner offsets for the ERBS, NOAA-9, and NOAA-10 satellites, respectively, for the years 1987, 1988, and 1989. These offsets were generated using data acquired on internal calibration days, which is shown in the plots in Appendices I, J, and K and are presented as they were used by the ERBE Merge Subsystem. For the most part, nonscanner offsets were produced for every useable calibration day, and the nonscanner internal calibration frequency was approximately once every two weeks. As mentioned in the Introduction, NOAA-9 scanner offsets end in January 1987, and NOAA-10 offsets end in May 1989 due to the failure of their scanner instruments.

REFERENCES

1. J. Paden, Dhirendra K. Pandey, Netra D. Shivakumar, Joseph C. Stassi, Robert Wilson, William Bolden, Susan Thomas, and M. Alan Gibson, "Radiometer Offsets and Count Conversion Coefficients for the Earth Radiation Budget Experiment (ERBE) Spacecraft for the Years 1984, 1985, and 1986," NASA Contractor Report 187589, NASA LaRC, May 1991.

2. S. L. Carman, "ERBE Scanner Instrument Operations Manual," TRW Document No. D04607A, 1982.

3. L. P. Kopia, "The Earth Radiation Budget Experiment Scanner Instrument", Rev. Geophys., Vol. 24, No. 2, 400-406, May 1986.

4. J. C. Stassi, L. H. Hoffman, and I. J. Walker, "Earth Radiation Budget Experiment (ERBE) Data Management System Reference Manual", Volume IV - Merge, FOV Calculations, Count Conversion, NASA LaRC, ERBE 3-3-9-4-87-8-0, 1987.

5. B. R. Barkstrom, "The Earth Radiation Budget Experiment," Bulletin of American Meteorological Society, 65, 1170-1185, 1984.

6. N. Halyo, D. K. Pandey, and D. B. Taylor, "Modelling and Characterization of the Earth Radiation Budget Experiment (ERBE) Nonscanner and Scanner Sensors," NASA Contractor Report 181818, March 1989.

7. C. K. Hendricks, "Final Calibration Report on ERBE Protoflight Model Scanner Instrument", TRW Document No. D06905, 1984.

8. C. K. Hendricks, "Final Calibration Report on ERBE Flight Model One Scanner Instrument", TRW Document No. D06903, 1984.

9. C. K. Hendricks, "Final Calibration Report on ERBE Flight Model Two Scanner Instrument", TRW Document No. D06907, 1984.

10. Robert B. Lee III, Bruce R. Barkstrom, Nesim Halyo, Michael A. Gibson, and Lee M. Avis, "Characterizations of the Earth Radiation Budget Experiment (ERBE) Scanning Radiometers," SPIE Proc., 1109, 186-194, 1989.

11. R. B. Lee III, M. A. Gibson, S. Thomas, J. R. Mahan, J. L. Meekins, and N. E. Tira, "Earth Radiation Budget Experiment Scanner Radiometric Calibration Results," SPIE Proc., Vol. 1299, 80-91, 1990.

12. R. N. Green, L. J. Harris, M. J. Johnson, and J. L. Robbins, "Earth Radiation Budget Experiment (ERBE) Data Management System Reference Manual," Volumes Va and Vb - Inversion, NASA LaRC, ERBE 3-3-9-5-87-8-0, 1987.

13. L. M. Avis, W. C. Bolden, R. B. Lee III, J. Paden, D. K. Pandey, J. C. Stassi, C. J. Tolson, and R. S. Wilson, "NOAA-9 Earth Radiation Budget Experiment (ERBE): Scanner Offsets Determination," 1993.

14. S. L. Carman, "ERBE Nonscanner Instrument Operations Manual," TRW Document No. D04608A, 1982.

15. M. R. Luther, T. A. Evert, R. J. Hesser, W. D. Potter, and A. Castinerias, "Performance Characteristics of Active Cavity Radiometers in Unshuttered Applications," Applied Optics, Vol. 25, No. 20, 3705-3709, 1986.

16. M. R. Luther, J. E. Cooper, and G. R. Taylor, "The Earth Radiation Budget Experiment Nonscanner Instrument," Rev. Geophys. and Space Physics, Vol. 24, No. 2, 391-399, May 1986.

17. R. Fellner, T. Evert, and R. Hesser, "Final Calibration Report on ERBE Flight Model One Nonscanner Instrument", TRW Document No. D06904, 1984.

18. R. Fellner, T. Evert, and R. Hesser, "Final Calibration Report on ERBE Flight Model Two Nonscanner Instrument", TRW Document No. D06906, 1984.

19. R. Fellner, T. Evert, and R. Hesser, "Final Calibration Report on ERBE Protoflight Model Nonscanner Instrument", TRW Document No. D06908, 1984.

20. J. Paden, D. K. Pandey, R. S. Wilson, S. Thomas, M. A. Gibson, and R. B. Lee III, "Ground and In-flight Calibrations for the Earth Radiation Budget Experiment (ERBE) Nonscanning Radiometers," SPIE Proc., 1300, 190-201, 1990.

APPENDIX A

ERBS SCANNER OFFSET TABLES

"S.P." in the following tables means scan position. All scanner offsets have the units watts per square meter per steradian

ERBS SCANNER OFFSETS

1 JANUARY 1987 THROUGH 31 DECEMBER 1989

S.P.	TOTAL	LW	SW
1	0.12	0.13	0.41
2	0.09	0.06	-0.7
3	0	0.03	-0.58
4	-0.04	-0.06	-0.49
5	-0.56	-0.45	-1.13
6	-0.36	-0.26	-0.88
7	0.14	0.14	-0.63
8	0.15	0.22	-1.04
9	0.24	0.25	-0.77
10	-0.45	-0.34	-0.81
11	-0.37	-0.25	-1.23
12	-0.45	-0.31	-0.97
13	-0.28	-0.14	-0.68
14	0.33	0.39	-0.91
15	0.34	0.4	-0.76
16	0.35	0.43	-0.54
17	0.38	0.42	-0.95
18	0.45	0.5	-0.68
19	0.46	0.49	-0.45
20	0.52	0.56	-0.77
21	0.55	0.6	-0.61
22	0.5	0.46	-0.53
23	0.48	0.49	-0.97
24	0.52	0.54	-0.78
25	-0.04	0.02	-0.72
26	0.18	0.28	-0.97
27	0.79	0.81	-0.58
28	0.82	0.86	-0.37
29	0.92	0.97	-0.68
30	0.26	0.32	-0.73
31	0.33	0.41	-0.52
32	0.33	0.43	-0.84
33	0.52	0.56	-0.53
34	1.12	1.16	-0.19
35	1.14	1.18	-0.59
36	1.2	1.22	-0.32
37	1.14	1.17	-0.2
38	1.19	1.25	-0.6
39	1.25	1.3	-0.37
40	1.25	1.25	-0.18
41	1.25	1.31	-0.61
42	1.16	1.23	-0.44
43	1.2	1.18	-0.3
44	1.21	1.28	-0.67
45	0.62	0.7	-0.62
46	0.79	0.82	-0.4
47	1.45	1.48	-0.56
48	1.47	1.51	-0.29
49	1.51	1.56	-0.08
50	0.82	0.84	-0.72
51	0.91	0.93	-0.49
52	1.02	1.17	-0.12
53	1.09	1.17	-0.63
54	1.65	1.73	-0.29
55	1.58	1.65	-0.17
56	1.56	1.62	-0.63
57	1.52	1.6	-0.44
58	1.45	1.49	-0.32
59	1.42	1.51	-0.74
60	1.4	1.51	-0.51
61	1.38	1.43	-0.41
62	1.31	1.41	-1.19

APPENDIX B

NOAA-9 SCANNER OFFSET TABLES

The term "S.P." in the following tables means scan position. All offsets have the units watts per square meter per steradian.

NOAA-9 SCANNER OFFSETS FOR JANUARY 1987: TOTAL CHANNEL

	DAY OF MONTH -->														
S.P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	-1.27	-1.27	-1.27	-1.27	-1.27	-1.27	-1.27	-1.27	-1.27	-1.27	-1.27	-1.27	-1.27	-1.27	-1.27
2	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
3	1.93	1.93	1.93	1.93	1.93	1.93	1.93	1.93	1.93	1.93	1.93	1.93	1.93	1.93	1.93
4	-9.64	-9.64	-9.64	-9.64	-9.64	-9.64	-9.64	-9.64	-9.64	-9.64	-9.64	-9.64	-9.64	-9.64	-9.64
5	-1.98	.22	-1.01	2.11	2.13	1.83	.93	.34	-2.72	-2.45	-2.60	.70	-4.07	.70	-.31
6	-1.84	-.51	-.63	.42	.72	.63	.03	-.24	-1.26	-1.55	-1.20	-.01	-1.82	.22	-1.11
7	-2.11	-.63	-.96	-.91	-.16	-.73	-.90	-.78	-1.73	-1.70	-1.28	-1.36	-2.00	-1.29	-1.21
8	-2.84	-.97	-1.84	-2.49	-1.43	-2.22	-2.44	-1.73	-2.76	-2.30	-2.28	-2.81	-3.39	-2.82	-2.07
9	-1.67	.23	-.48	-1.91	-.69	-1.35	-2.02	-.52	-1.59	-1.19	-1.22	-2.38	-2.60	-1.95	-1.16
10	-1.25	.26	-.29	-1.63	-.63	-.95	-1.97	-.11	-1.22	-1.16	-1.06	-2.79	-2.43	-1.70	-.77
11	-1.25	.02	-.81	-1.62	-.90	-1.14	-2.01	-.36	-1.45	-1.55	-1.28	-3.26	-2.61	-1.96	-.74
12	-1.18	-.32	-1.14	-1.71	-1.16	-1.30	-1.84	-.67	-1.80	-1.80	-1.69	-3.65	-2.62	-2.18	-.84
13	-1.37	-.88	-1.45	-2.00	-1.45	-1.57	-1.91	-1.34	-2.25	-2.05	-2.24	-4.00	-2.70	-2.57	-1.24
14	-.67	-.16	-.55	-.98	-.66	-.61	-.84	-.88	-1.44	-1.26	-1.45	-2.98	-1.77	-2.04	-.45
15	-.68	-.06	-.34	-.42	-.42	-.32	-.46	-.87	-.85	-1.05	-1.28	-2.48	-1.43	-2.05	-.35
16	-.55	.18	-.04	.27	-.17	.05	-.02	-.69	-.23	-.78	-1.06	-1.88	-1.01	-1.90	-.17
17	-.25	.58	.34	.92	-.28	-.21	.38	-.60	.30	-.52	-.79	-1.32	-.55	-1.57	.08
18	-.99	-.10	-.48	.15	-1.37	-1.53	-.47	-1.57	-.65	-1.36	-1.83	-2.16	-1.28	-2.25	-.88
19	-.50	.31	-.08	.58	-.65	-1.15	-.17	-1.14	-.63	-1.18	-1.69	-1.78	-.79	-1.72	-.62
20	-.74	-.07	-.34	.35	-.50	-1.00	-.60	-1.48	-1.35	-2.09	-2.29	-1.99	-.96	-1.95	-1.09
21	-.83	-.21	-.24	.49	-.29	-.51	-.72	-1.67	-1.37	-2.55	-2.68	-1.71	-.95	-1.90	-1.30
22	-.83	-.20	-.07	.59	-.34	-.22	-.85	-1.83	-.85	-2.71	-2.97	-1.31	-.90	-1.64	-1.42
23	-.72	-.14	.14	.74	-.17	-.19	-.90	-1.88	-.52	-2.47	-2.96	-.93	-.87	-1.46	-1.43
24	-.55	-.10	.28	.95	.08	-.02	-.74	-1.68	-.18	-1.66	-2.39	-.63	-.80	-1.23	-1.31
25	-.51	-.09	.13	1.07	.24	.10	-.77	-1.37	.01	-1.24	-1.94	-.50	-.73	-.97	-1.21
26	-.26	.23	.22	1.33	.52	.45	-.46	-.94	.28	-.59	-1.26	-.10	-.38	-.64	-.88
27	-.30	.11	-.05	1.22	.30	.53	-.66	-.96	.01	-.57	-1.08	-.15	-.40	-.87	-1.04
28	-.57	-.28	-.54	.86	-.15	.27	-.97	-1.13	-.51	-.94	-1.34	-.44	-.58	-1.27	-1.44
29	.20	.20	-.08	1.35	.45	.89	-.27	-.50	-.04	-.56	-.86	.14	.10	-.66	-.98
30	-.21	-.41	-.73	.65	-.10	.34	-.76	-1.10	-.59	-1.35	-1.68	-.43	-.52	-1.14	-1.56
31	-.05	-.29	-.76	.70	-.08	.42	-.61	-.97	-.40	-1.36	-1.76	-.27	-.41	-.94	-1.37
32	.33	.17	-.42	.99	.23	.81	-.22	-.52	-.07	-1.07	-1.52	.07	-.09	-.43	-1.02
33	.15	-.02	-.60	.74	.01	.68	-.36	-.59	-.30	-1.21	-1.68	-.11	-.34	-.46	-1.09
34	.08	-.12	-.67	.71	-.02	.65	-.24	-.39	-.45	-1.25	-1.74	-.16	-.46	-.35	-.85
35	.64	.37	-.22	1.14	.41	1.10	.27	.26	.09	-.79	-1.17	.47	-.10	.28	-.17
36	.59	.13	-.28	.85	.04	.79	.02	.11	-.11	-1.11	-1.25	.38	-.36	.10	-.31
37	.80	.23	.06	.86	.08	.83	.28	.32	-.13	-1.08	-.98	.55	-.14	.28	-.06
38	.78	.14	.23	.67	.03	.62	.35	.48	-.36	-1.24	-.97	.59	.01	.32	.07
39	.90	.18	.43	.69	.25	.80	.46	.71	-.35	-1.16	-.73	.61	.16	.60	.38
40	.45	-.44	-.11	.15	-.12	.41	-.15	.15	-.90	-1.46	-1.12	-.13	-.38	.30	.03
41	.77	-.27	.23	.39	.25	.72	.01	.43	-.63	-1.06	-.77	.09	.03	.69	.36
42	.97	-.11	.36	.47	.48	.87	.07	.67	-.35	-.82	-.56	.33	.29	.91	.41
43	.61	-.45	-.03	-.06	.21	.47	-.40	.25	-.62	-1.17	-1.02	.06	-.01	.53	-.08
44	.76	-.19	.15	-.04	.41	.56	-.17	.27	-.44	-1.05	-.88	.34	.11	.68	.14
45	.90	.19	.47	.24	.67	.72	.38	.43	-.20	-.88	-.53	.49	.21	.94	.45
46	1.00	.44	.79	.31	.89	.90	.72	.65	-.03	-.63	-.35	.53	.24	1.07	.59
47	.41	.05	.42	-.34	.47	.47	.43	.36	-.37	-.84	-.93	-.01	-.20	.54	.07
48	.30	.26	.69	-.21	.67	.66	.64	.67	-.22	-.37	-.82	.05	-.01	.70	.26
49	-.05	.20	.72	-.25	.59	.55	.55	.63	-.34	-.25	-.81	-.17	-.03	.58	.11
50	-.42	.17	.69	-.41	.48	.39	.46	.44	-.25	-.22	-.66	-.30	-.12	.30	-.17
51	-.65	.42	.91	-.38	.54	.44	.48	.22	-.12	-.09	-.20	-.28	-.14	.08	-.28
52	-.53	.66	1.23	-.27	.70	.68	.61	.27	.11	.09	.38	-.18	-.31	.03	-.29
53	-.22	.91	1.45	.16	.97	.81	.86	.58	.30	.05	.77	.14	-.31	.08	-.07
54	-.23	.69	1.15	.00	.51	.30	.60	.57	.01	-.50	.39	-.07	-.60	-.42	-.11
55	.20	1.24	1.33	.44	.68	.35	.67	1.05	.15	-.17	.66	.07	-.45	-.30	.07
56	-1.36	.05	-.36	-1.00	-1.04	-1.42	-1.31	-.55	-1.39	-1.96	-.91	-1.72	-2.05	-2.13	-1.82
57	-1.78	-.31	-.99	-1.66	-1.77	-2.02	-1.95	-1.12	-1.49	-3.01	-1.82	-2.64	-2.57	-2.74	-2.52
58	-2.75	-1.83	-2.52	-2.92	-2.79	-3.29	-3.03	-2.78	-2.62	-4.42	-3.71	-4.27	-3.92	-3.92	-3.72
59	-3.34	-3.29	-3.94	-3.91	-3.62	-3.81	-3.94	-4.38	-3.51	-4.95	-5.09	-5.23	-4.48	-4.73	-4.00
60	-12.68	-14.33	-13.60	-15.62	-15.69	-15.04	-14.82	-14.87	-11.15	-13.30	-13.27	-14.00	-9.84	-13.69	-12.56
61	11.19	11.19	11.19	11.19	11.19	11.19	11.19	11.19	11.19	11.19	11.19	11.19	11.19	11.19	11.19
62	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63

NOAA-9 SCANNER OFFSETS FOR JANUARY 1987: TOTAL CHANNEL

DAY OF MONTH -->

S.P.	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1	-1.27	-1.27	-1.27	-1.27	-1.27	-1.27	-1.27	-1.27	-1.27	-1.27	-1.27	-1.27	-1.27	-1.27	-1.27	-1.27
2	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
3	1.93	1.93	1.93	1.93	1.93	1.93	1.93	1.93	1.93	1.93	1.93	1.93	1.93	1.93	1.93	1.93
4	-9.64	-9.64	-9.64	-9.64	-9.64	-9.64	-9.64	-9.64	-9.64	-9.64	-9.64	-9.64	-9.64	-9.64	-9.64	-9.64
5	-1.67	2.27	-1.44	1.05	-.60	******	******	******	******	******	******	******	******	******	******	******
6	-.94	.67	.18	-.13	-1.18	******	******	******	******	******	******	******	******	******	******	******
7	-1.43	-.05	.01	-1.27	-1.47	******	******	******	******	******	******	******	******	******	******	******
8	-2.49	-1.39	-1.08	-2.57	-1.98	******	******	******	******	******	******	******	******	******	******	******
9	-1.39	-.93	-.16	-1.58	-.64	******	******	******	******	******	******	******	******	******	******	******
10	-.97	-1.17	-.12	-1.25	-.26	******	******	******	******	******	******	******	******	******	******	******
11	-.87	-1.60	-.61	-1.19	-.21	******	******	******	******	******	******	******	******	******	******	******
12	-.89	-1.72	-1.02	-1.03	-.03	******	******	******	******	******	******	******	******	******	******	******
13	-1.10	-2.06	-1.61	-1.18	-.28	******	******	******	******	******	******	******	******	******	******	******
14	-.30	-1.22	-.92	-.33	.32	******	******	******	******	******	******	******	******	******	******	******
15	-.19	-.98	-.63	-.10	.45	******	******	******	******	******	******	******	******	******	******	******
16	-.02	-.62	-.25	.24	.73	******	******	******	******	******	******	******	******	******	******	******
17	.30	-.17	.26	.74	1.11	******	******	******	******	******	******	******	******	******	******	******
18	-.56	-.83	-.31	-.03	.39	******	******	******	******	******	******	******	******	******	******	******
19	-.21	-.26	.17	.17	.81	******	******	******	******	******	******	******	******	******	******	******
20	-.48	-.40	-.09	-.31	.33	******	******	******	******	******	******	******	******	******	******	******
21	-.41	-.32	-.14	-.42	.25	******	******	******	******	******	******	******	******	******	******	******
22	-.44	-.35	-.18	-.38	.39	******	******	******	******	******	******	******	******	******	******	******
23	-.51	-.21	-.14	-.19	.51	******	******	******	******	******	******	******	******	******	******	******
24	-.43	.00	-.05	.09	.57	******	******	******	******	******	******	******	******	******	******	******
25	-.38	.08	-.11	.35	.55	******	******	******	******	******	******	******	******	******	******	******
26	-.12	.40	.09	.85	.76	******	******	******	******	******	******	******	******	******	******	******
27	-.19	.40	-.03	.76	.59	******	******	******	******	******	******	******	******	******	******	******
28	-.42	.08	-.37	.38	.29	******	******	******	******	******	******	******	******	******	******	******
29	.15	.58	.09	.90	.94	******	******	******	******	******	******	******	******	******	******	******
30	-.52	-.11	-.61	.33	.32	******	******	******	******	******	******	******	******	******	******	******
31	-.42	-.06	-.49	.42	.33	******	******	******	******	******	******	******	******	******	******	******
32	-.09	.42	-.06	.82	.72	******	******	******	******	******	******	******	******	******	******	******
33	-.37	.29	-.08	.64	.70	******	******	******	******	******	******	******	******	******	******	******
34	-.45	.26	.11	.59	.80	******	******	******	******	******	******	******	******	******	******	******
35	.08	.78	.81	1.12	1.42	******	******	******	******	******	******	******	******	******	******	******
36	-.18	.60	.61	.85	1.20	******	******	******	******	******	******	******	******	******	******	******
37	-.09	.75	.75	1.00	1.29	******	******	******	******	******	******	******	******	******	******	******
38	-.18	.81	.74	1.03	1.20	******	******	******	******	******	******	******	******	******	******	******
39	-.07	.98	.79	1.17	1.27	******	******	******	******	******	******	******	******	******	******	******
40	-.64	.39	.14	.61	.81	******	******	******	******	******	******	******	******	******	******	******
41	-.53	.55	.37	1.03	.97	******	******	******	******	******	******	******	******	******	******	******
42	-.40	.64	.67	1.32	.85	******	******	******	******	******	******	******	******	******	******	******
43	-.73	.28	.45	.88	.19	******	******	******	******	******	******	******	******	******	******	******
44	-.50	.45	.72	.91	.21	******	******	******	******	******	******	******	******	******	******	******
45	-.06	.83	1.18	.97	.40	******	******	******	******	******	******	******	******	******	******	******
46	.31	1.04	1.55	1.01	.41	******	******	******	******	******	******	******	******	******	******	******
47	-.05	.48	1.23	.42	-.25	******	******	******	******	******	******	******	******	******	******	******
48	.08	.64	1.52	.54	-.14	******	******	******	******	******	******	******	******	******	******	******
49	-.04	.59	1.45	.41	-.37	******	******	******	******	******	******	******	******	******	******	******
50	-.12	.55	1.30	.27	-.69	******	******	******	******	******	******	******	******	******	******	******
51	-.02	.81	1.48	.41	-.75	******	******	******	******	******	******	******	******	******	******	******
52	.39	1.13	1.72	.83	-.59	******	******	******	******	******	******	******	******	******	******	******
53	.89	1.52	2.01	1.16	-.12	******	******	******	******	******	******	******	******	******	******	******
54	.94	1.43	1.94	.77	-.22	******	******	******	******	******	******	******	******	******	******	******
55	1.36	1.81	2.27	1.01	.15	******	******	******	******	******	******	******	******	******	******	******
56	-.39	.12	.39	-.65	-1.30	******	******	******	******	******	******	******	******	******	******	******
57	-.92	-.87	-.56	-1.15	-1.44	******	******	******	******	******	******	******	******	******	******	******
58	-2.13	-2.91	-2.21	-2.23	-2.33	******	******	******	******	******	******	******	******	******	******	******
59	-3.03	-4.37	-3.34	-3.08	-2.67	******	******	******	******	******	******	******	******	******	******	******
60	-10.63	-14.14	-10.64	-12.16	-10.83	******	******	******	******	******	******	******	******	******	******	******
61	11.19	11.19	11.19	11.19	11.19	11.19	11.19	11.19	11.19	11.19	11.19	11.19	11.19	11.19	11.19	11.19
62	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63

NOAA-9 SCANNER OFFSETS FOR JANUARY 1987: LONGWAVE CHANNEL

DAY OF MONTH -->

S.P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	.29	.29	.29	.29	.29	.29	.29	.29	.29	.29	.29	.29	.29	.29	.29
2	.59	.59	.59	.59	.59	.59	.59	.59	.59	.59	.59	.59	.59	.59	.59
3	.63	.63	.63	.63	.63	.63	.63	.63	.63	.63	.63	.63	.63	.63	.63
4	.27	.27	.27	.27	.27	.27	.27	.27	.27	.27	.27	.27	.27	.27	.27
5	-1.17	.11	-.56	1.30	1.31	1.15	.55	.21	-1.56	-1.51	-1.71	.37	-2.40	.42	-.22
6	-1.57	-.75	-.78	-.12	.05	.01	-.41	-.55	-1.15	-1.38	-1.27	-.48	-1.58	-.30	-1.15
7	-1.97	-1.05	-1.22	-1.21	-.74	-1.07	-1.21	-1.10	-1.64	-1.65	-1.47	-1.53	-1.91	-1.48	-1.41
8	-2.87	-1.70	-2.22	-2.68	-1.99	-2.47	-2.62	-2.15	-2.72	-2.45	-2.54	-2.89	-3.24	-2.90	-2.39
9	-1.97	-.79	-1.21	-2.17	-1.39	-1.76	-2.21	-1.23	-1.82	-1.60	-1.74	-2.47	-2.58	-2.21	-1.66
10	-2.30	-1.37	-1.68	-2.59	-1.96	-2.10	-2.78	-1.56	-2.17	-2.18	-2.24	-3.32	-3.05	-2.64	-2.00
11	-2.50	-1.74	-2.23	-2.79	-2.33	-2.39	-2.97	-1.89	-2.50	-2.63	-2.59	-3.81	-3.39	-3.00	-2.18
12	-2.59	-2.12	-2.60	-2.95	-2.61	-2.61	-2.95	-2.18	-2.85	-2.91	-3.02	-4.18	-3.53	-3.23	-2.37
13	-2.71	-2.50	-2.79	-3.13	-2.80	-2.79	-2.96	-2.58	-3.09	-3.02	-3.36	-4.41	-3.56	-3.48	-2.59
14	-2.48	-2.27	-2.40	-2.68	-2.49	-2.35	-2.46	-2.49	-2.74	-2.65	-3.01	-3.92	-3.11	-3.33	-2.28
15	-2.70	-2.41	-2.45	-2.49	-2.50	-2.31	-2.39	-2.67	-2.52	-2.68	-3.04	-3.75	-3.02	-3.48	-2.38
16	-2.77	-2.40	-2.39	-2.15	-2.44	-2.17	-2.23	-2.68	-2.22	-2.62	-3.01	-3.45	-2.84	-3.48	-2.39
17	-2.85	-2.41	-2.39	-1.97	-2.90	-2.73	-2.21	-2.90	-2.16	-2.71	-3.09	-3.34	-2.79	-3.50	-2.46
18	-3.57	-3.08	-3.13	-2.70	-3.80	-3.79	-2.99	-3.76	-3.10	-3.49	-3.98	-4.12	-3.47	-4.13	-3.25
19	-3.41	-2.99	-3.02	-2.58	-3.51	-3.78	-2.99	-3.65	-3.32	-3.60	-4.08	-4.04	-3.33	-3.97	-3.23
20	-3.91	-3.55	-3.54	-3.07	-3.64	-4.00	-3.64	-4.21	-4.14	-4.59	-4.88	-4.55	-3.78	-4.44	-3.88
21	-4.14	-3.81	-3.65	-3.15	-3.61	-3.76	-3.92	-4.52	-4.27	-5.06	-5.36	-4.56	-3.94	-4.57	-4.23
22	-4.35	-4.00	-3.76	-3.28	-3.86	-3.77	-4.25	-4.86	-4.07	-5.38	-5.79	-4.51	-4.14	-4.61	-4.57
23	-4.44	-4.14	-3.79	-3.34	-3.93	-3.94	-4.47	-5.07	-4.01	-5.36	-5.92	-4.42	-4.29	-4.67	-4.77
24	-4.49	-4.27	-3.88	-3.38	-3.95	-4.00	-4.52	-5.11	-3.97	-5.02	-5.69	-4.40	-4.44	-4.72	-4.88
25	-4.69	-4.49	-4.21	-3.56	-4.08	-4.16	-4.84	-5.14	-4.13	-5.01	-5.61	-4.56	-4.66	-4.86	-5.07
26	-4.64	-4.40	-4.27	-3.52	-4.02	-4.04	-4.74	-4.96	-4.11	-4.71	-5.27	-4.43	-4.58	-4.81	-5.00
27	-4.66	-4.44	-4.46	-3.60	-4.19	-4.02	-4.89	-5.00	-4.32	-4.72	-5.18	-4.49	-4.61	-4.98	-5.12
28	-4.67	-4.53	-4.63	-3.70	-4.36	-4.06	-4.92	-5.01	-4.53	-4.83	-5.20	-4.54	-4.60	-5.11	-5.25
29	-4.22	-4.26	-4.39	-3.44	-4.03	-3.73	-4.50	-4.65	-4.30	-4.66	-4.97	-4.24	-4.24	-4.76	-5.02
30	-4.39	-4.58	-4.73	-3.81	-4.31	-4.00	-4.74	-4.96	-4.58	-5.10	-5.43	-4.53	-4.60	-4.99	-5.31
31	-4.02	-4.27	-4.50	-3.52	-4.04	-3.70	-4.39	-4.61	-4.22	-4.86	-5.22	-4.17	-4.30	-4.63	-4.93
32	-3.53	-3.70	-4.04	-3.07	-3.58	-3.19	-3.89	-4.07	-3.78	-4.43	-4.83	-3.72	-3.89	-4.07	-4.47
33	-3.23	-3.42	-3.78	-2.84	-3.32	-2.88	-3.58	-3.71	-3.54	-4.13	-4.51	-3.44	-3.68	-3.70	-4.12
34	-2.99	-3.18	-3.56	-2.59	-3.07	-2.63	-3.23	-3.30	-3.36	-3.89	-4.32	-3.19	-3.51	-3.35	-3.69
35	-2.26	-2.48	-2.89	-1.92	-2.40	-1.97	-2.53	-2.50	-2.65	-3.22	-3.59	-2.41	-2.93	-2.57	-2.87
36	-1.73	-2.07	-2.36	-1.56	-2.10	-1.63	-2.13	-2.05	-2.23	-2.86	-3.06	-1.92	-2.52	-2.12	-2.40
37	-1.30	-1.70	-1.84	-1.28	-1.79	-1.32	-1.68	-1.61	-1.96	-2.56	-2.59	-1.55	-2.06	-1.70	-1.95
38	-.95	-1.41	-1.37	-1.06	-1.50	-1.14	-1.28	-1.14	-1.76	-2.35	-2.22	-1.19	-1.56	-1.32	-1.51
39	-.46	-.97	-.82	-.64	-.93	-.60	-.80	-.56	-1.34	-1.91	-1.63	-.83	-1.05	-.73	-.89
40	-.33	-.94	-.75	-.56	-.73	-.41	-.79	-.50	-1.27	-1.62	-1.42	-.91	-.98	-.51	-.71
41	.32	-.40	-.10	.04	-.05	.23	-.29	.11	-.65	-.91	-.73	-.32	-.27	.19	-.05
42	.74	-.03	.26	.37	.39	.61	.04	.55	-.17	-.47	-.32	.13	.17	.60	.26
43	.82	.07	.30	.34	.52	.66	.03	.59	-.03	-.38	-.35	.29	.27	.66	.24
44	1.06	.39	.56	.50	.81	.87	.34	.75	.25	-.15	-.11	.66	.50	.89	.53
45	1.36	.85	.95	.88	1.18	1.18	.93	1.06	.61	.17	.35	.98	.77	1.26	.94
46	1.62	1.24	1.38	1.13	1.54	1.51	1.40	1.40	.93	.54	.68	1.24	.99	1.55	1.23
47	1.33	1.09	1.23	.81	1.36	1.33	1.34	1.32	.82	.51	.41	.99	.81	1.30	1.00
48	1.45	1.42	1.62	1.10	1.71	1.66	1.67	1.71	1.12	1.02	.67	1.21	1.14	1.61	1.32
49	1.17	1.31	1.61	1.02	1.61	1.54	1.56	1.64	1.00	1.06	.63	1.00	1.09	1.48	1.18
50	.95	1.31	1.61	.94	1.57	1.47	1.53	1.54	1.08	1.11	.77	.94	1.06	1.32	1.02
51	.95	1.62	1.91	1.12	1.77	1.67	1.70	1.55	1.32	1.35	1.25	1.11	1.20	1.31	1.10
52	.95	1.69	2.04	1.10	1.78	1.74	1.70	1.50	1.39	1.39	1.56	1.11	.97	1.18	1.00
53	.75	1.45	1.82	.95	1.53	1.42	1.48	1.31	1.16	.99	1.45	.93	.61	.82	.73
54	.56	1.13	1.45	.70	1.08	.91	1.18	1.16	.80	.48	1.02	.64	.22	.35	.56
55	.80	1.45	1.51	.95	1.14	.87	1.20	1.45	.84	.66	1.16	.69	.31	.42	.65
56	-.28	.61	.35	-.06	-.05	-.34	-.13	.39	-.21	-.57	.09	-.53	-.72	-.80	-.61
57	-.74	.17	-.29	-.70	-.70	-.86	-.72	-.15	-.41	-1.49	-.73	-1.29	-1.19	-1.34	-1.23
58	-1.37	-.84	-1.32	-1.52	-1.36	-1.70	-1.42	-1.22	-1.14	-2.45	-1.99	-2.37	-2.06	-2.09	-1.99
59	-2.12	-2.17	-2.63	-2.53	-2.28	-2.42	-2.37	-2.62	-2.12	-3.21	-3.28	-3.34	-2.80	-2.98	-2.54
60	-7.92	-9.01	-8.64	-9.74	-9.72	-9.34	-9.07	-9.13	-6.91	-8.40	-8.39	-8.72	-6.22	-8.54	-7.89
61	.83	.83	.83	.83	.83	.83	.83	.83	.83	.83	.83	.83	.83	.83	.83
62	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00

NOAA-9 SCANNER OFFSETS FOR JANUARY 1987: LONGWAVE CHANNEL

DAY OF MONTH -->

S.P.	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1	.29	.29	.29	.29	.29	.29	.29	.29	.29	.29	.29	.29	.29	.29	.29	.29
2	.59	.59	.59	.59	.59	.59	.59	.59	.59	.59	.59	.59	.59	.59	.59	.59
3	.63	.63	.63	.63	.63	.63	.63	.63	.63	.63	.63	.63	.63	.63	.63	.63
4	.27	.27	.27	.27	.27	.27	.27	.27	.27	.27	.27	.27	.27	.27	.27	.27
5	-.97	1.35	-.91	.64	-.36	******	******	******	******	******	******	******	******	******	******	******
6	-.99	.00	-.37	-.51	-1.18	******	******	******	******	******	******	******	******	******	******	******
7	-1.49	-.67	-.67	-1.45	-1.56	******	******	******	******	******	******	******	******	******	******	******
8	-2.59	-1.98	-1.80	-2.73	-2.32	******	******	******	******	******	******	******	******	******	******	******
9	-1.75	-1.56	-1.09	-1.95	-1.31	******	******	******	******	******	******	******	******	******	******	******
10	-2.08	-2.32	-1.67	-2.33	-1.65	******	******	******	******	******	******	******	******	******	******	******
11	-2.23	-2.81	-2.21	-2.50	-1.82	******	******	******	******	******	******	******	******	******	******	******
12	-2.40	-3.02	-2.62	-2.53	-1.84	******	******	******	******	******	******	******	******	******	******	******
13	-2.52	-3.23	-3.00	-2.62	-1.98	******	******	******	******	******	******	******	******	******	******	******
14	-2.21	-2.88	-2.77	-2.25	-1.80	******	******	******	******	******	******	******	******	******	******	******
15	-2.33	-2.92	-2.77	-2.28	-1.91	******	******	******	******	******	******	******	******	******	******	******
16	-2.33	-2.81	-2.64	-2.16	-1.85	******	******	******	******	******	******	******	******	******	******	******
17	-2.35	-2.77	-2.58	-2.08	-1.85	******	******	******	******	******	******	******	******	******	******	******
18	-3.11	-3.42	-3.17	-2.79	-2.52	******	******	******	******	******	******	******	******	******	******	******
19	-3.05	-3.22	-3.03	-2.84	-2.40	******	******	******	******	******	******	******	******	******	******	******
20	-3.56	-3.64	-3.55	-3.50	-3.06	******	******	******	******	******	******	******	******	******	******	******
21	-3.72	-3.76	-3.76	-3.77	-3.32	******	******	******	******	******	******	******	******	******	******	******
22	-3.94	-3.99	-4.00	-3.98	-3.42	******	******	******	******	******	******	******	******	******	******	******
23	-4.13	-4.08	-4.14	-4.05	-3.52	******	******	******	******	******	******	******	******	******	******	******
24	-4.25	-4.11	-4.25	-4.03	-3.67	******	******	******	******	******	******	******	******	******	******	******
25	-4.50	-4.29	-4.53	-4.09	-3.91	******	******	******	******	******	******	******	******	******	******	******
26	-4.49	-4.16	-4.53	-3.89	-3.90	******	******	******	******	******	******	******	******	******	******	******
27	-4.54	-4.17	-4.63	-3.96	-4.03	******	******	******	******	******	******	******	******	******	******	******
28	-4.55	-4.21	-4.69	-4.06	-4.09	******	******	******	******	******	******	******	******	******	******	******
29	-4.28	-3.92	-4.44	-3.79	-3.73	******	******	******	******	******	******	******	******	******	******	******
30	-4.65	-4.26	-4.79	-4.07	-4.06	******	******	******	******	******	******	******	******	******	******	******
31	-4.35	-3.99	-4.46	-3.76	-3.80	******	******	******	******	******	******	******	******	******	******	******
32	-3.91	-3.47	-3.90	-3.26	-3.32	******	******	******	******	******	******	******	******	******	******	******
33	-3.70	-3.20	-3.52	-2.99	-2.93	******	******	******	******	******	******	******	******	******	******	******
34	-3.47	-2.96	-3.14	-2.74	-2.58	******	******	******	******	******	******	******	******	******	******	******
35	-2.77	-2.28	-2.34	-2.03	-1.80	******	******	******	******	******	******	******	******	******	******	******
36	-2.38	-1.84	-1.91	-1.64	-1.39	******	******	******	******	******	******	******	******	******	******	******
37	-2.04	-1.45	-1.53	-1.25	-1.05	******	******	******	******	******	******	******	******	******	******	******
38	-1.75	-1.05	-1.17	-.86	-.79	******	******	******	******	******	******	******	******	******	******	******
39	-1.26	-.53	-.70	-.36	-.35	******	******	******	******	******	******	******	******	******	******	******
40	-1.20	-.49	-.69	-.30	-.19	******	******	******	******	******	******	******	******	******	******	******
41	-.68	.05	-.09	.43	.38	******	******	******	******	******	******	******	******	******	******	******
42	-.31	.39	.40	.90	.57	******	******	******	******	******	******	******	******	******	******	******
43	-.20	.47	.59	.92	.45	******	******	******	******	******	******	******	******	******	******	******
44	.12	.74	.94	1.08	.61	******	******	******	******	******	******	******	******	******	******	******
45	.62	1.19	1.45	1.30	.94	******	******	******	******	******	******	******	******	******	******	******
46	1.07	1.54	1.91	1.53	1.15	******	******	******	******	******	******	******	******	******	******	******
47	.95	1.27	1.80	1.25	.82	******	******	******	******	******	******	******	******	******	******	******
48	1.24	1.58	2.19	1.54	1.08	******	******	******	******	******	******	******	******	******	******	******
49	1.12	1.51	2.11	1.42	.89	******	******	******	******	******	******	******	******	******	******	******
50	1.10	1.51	2.04	1.36	.71	******	******	******	******	******	******	******	******	******	******	******
51	1.32	1.84	2.31	1.62	.81	******	******	******	******	******	******	******	******	******	******	******
52	1.52	1.97	2.39	1.81	.83	******	******	******	******	******	******	******	******	******	******	******
53	1.46	1.83	2.19	1.61	.73	******	******	******	******	******	******	******	******	******	******	******
54	1.29	1.63	1.95	1.18	.50	******	******	******	******	******	******	******	******	******	******	******
55	1.53	1.84	2.14	1.29	.72	******	******	******	******	******	******	******	******	******	******	******
56	.34	.68	.87	.18	-.26	******	******	******	******	******	******	******	******	******	******	******
57	-.18	-.14	.08	-.32	-.52	******	******	******	******	******	******	******	******	******	******	******
58	-.97	-1.47	-.99	-1.02	-1.09	******	******	******	******	******	******	******	******	******	******	******
59	-1.94	-2.79	-2.10	-1.94	-1.69	******	******	******	******	******	******	******	******	******	******	******
60	-6.73	-8.85	-6.71	-7.62	-6.82	******	******	******	******	******	******	******	******	******	******	******
61	.83	.83	.83	.83	.83	.83	.83	.83	.83	.83	.83	.83	.83	.83	.83	.83
62	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00

NOAA-9 SCANNER OFFSETS FOR JANUARY 1987: SHORTWAVE CHANNEL

DAY OF MONTH -->

S.P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	-.11	-.11	-.11	-.11	-.11	-.11	-.11	-.11	-.11	-.11	-.11	-.11	-.11	-.11	-.11
2	.32	.32	.32	.32	.32	.32	.32	.32	.32	.32	.32	.32	.32	.32	.32
3	.49	.49	.49	.49	.49	.49	.49	.49	.49	.49	.49	.49	.49	.49	.49
4	-4.09	-4.09	-4.09	-4.09	-4.09	-4.09	-4.09	-4.09	-4.09	-4.09	-4.09	-4.09	-4.09	-4.09	-4.09
5	.63	.63	.60	.69	.72	.71	.76	.70	.78	.53	.37	.64	.55	.65	.63
6	.74	.74	.71	.80	.83	.82	.86	.79	.90	.70	.48	.75	.66	.75	.74
7	.40	.39	.37	.45	.47	.46	.50	.45	.56	.39	.14	.38	.33	.40	.40
8	.76	.74	.72	.79	.82	.80	.85	.80	.92	.76	.52	.73	.69	.75	.75
9	.81	.80	.79	.86	.88	.86	.91	.86	.97	.82	.58	.78	.74	.81	.80
10	.43	.40	.43	.48	.49	.49	.52	.47	.57	.43	.18	.36	.34	.41	.41
11	.74	.71	.72	.77	.78	.77	.83	.78	.88	.74	.52	.69	.67	.73	.72
12	.72	.67	.70	.72	.74	.73	.80	.75	.88	.72	.50	.66	.68	.71	.70
13	-.11	-.16	-.12	-.11	-.10	-.10	-.03	-.09	.03	-.10	-.36	-.20	-.16	-.11	-.12
14	.14	.11	.14	.18	.19	.19	.24	.17	.26	.14	-.12	.06	.05	.15	.14
15	.17	.13	.14	.20	.20	.20	.26	.19	.28	.14	-.12	.08	.07	.18	.17
16	-.24	-.27	-.27	-.22	-.21	-.21	-.15	-.22	-.12	-.26	-.54	-.32	-.32	-.23	-.24
17	.09	.06	.06	.11	.18	.17	.19	.12	.21	.06	-.21	.01	.01	.11	.09
18	.11	.09	.08	.14	.15	.12	.21	.14	.24	.07	-.20	.03	.03	.12	.11
19	-.28	-.29	-.32	-.24	-.22	-.27	-.18	-.25	-.13	-.29	-.60	-.36	-.36	-.26	-.29
20	.09	.09	.07	.13	.16	.15	.18	.11	.23	.07	-.22	.00	.01	.10	.07
21	.09	.10	.10	.13	.15	.14	.18	.11	.20	.02	-.23	.01	.02	.09	.08
22	-.34	-.32	-.35	-.30	-.30	-.30	-.23	-.32	-.23	-.42	-.68	-.40	-.41	-.33	-.35
23	.02	.03	.01	.05	.06	.06	.12	.03	.12	-.12	-.35	-.04	-.05	.03	.01
24	.05	.07	.05	.09	.09	.09	.14	.06	.15	-.01	-.31	.01	-.01	.06	.04
25	-.34	-.31	-.34	-.31	-.30	-.29	-.22	-.32	-.23	-.36	-.65	-.37	-.39	-.32	-.35
26	.03	.06	.02	.05	.06	.07	.14	.04	.14	.02	-.28	-.01	-.03	.05	.01
27	.06	.10	.06	.08	.09	.09	.16	.07	.16	.06	-.23	.02	.00	.07	.04
28	-.33	-.28	-.33	-.31	-.31	-.31	-.24	-.32	-.23	-.32	-.61	-.36	-.39	-.32	-.35
29	.06	.11	.06	.08	.08	.08	.16	.07	.16	.06	-.23	.01	.00	.07	.03
30	.11	.16	.12	.13	.12	.12	.20	.11	.19	.09	-.20	.04	.03	.11	.07
31	-.27	-.20	-.27	-.25	-.26	-.27	-.17	-.26	-.18	-.29	-.56	-.32	-.33	-.25	-.30
32	.09	.15	.09	.08	.07	.06	.16	.06	.17	.05	-.24	-.01	.02	.10	.06
33	.00	.07	.03	-.01	-.04	-.04	.06	-.04	.05	-.05	-.37	-.14	-.08	.02	-.02
34	-.38	-.32	-.33	-.38	-.40	-.40	-.31	-.42	-.36	-.43	-.78	-.54	-.50	-.36	-.40
35	-.04	.04	.00	-.05	-.07	-.08	.02	-.08	-.01	-.09	-.38	-.17	-.12	-.01	-.05
36	.03	.10	.05	.01	-.01	-.01	.08	-.01	.05	-.05	-.31	-.11	-.07	.05	.01
37	-.30	-.23	-.29	-.32	-.34	-.35	-.26	-.34	-.28	-.39	-.65	-.43	-.41	-.29	-.33
38	.09	.17	.10	.08	.06	.04	.13	.04	.10	.00	-.27	-.05	-.05	.09	.06
39	.13	.22	.14	.12	.11	.10	.17	.09	.15	.07	-.25	.03	.00	.13	.10
40	-.18	-.10	-.17	-.20	-.21	-.23	-.14	-.23	-.17	-.26	-.59	-.29	-.33	-.19	-.22
41	.23	.30	.26	.21	.20	.19	.29	.19	.23	.13	-.23	.10	.05	.21	.19
42	.23	.34	.24	.21	.20	.18	.28	.19	.25	.13	-.18	.15	.09	.22	.20
43	-.14	-.02	-.12	-.17	-.17	-.18	-.09	-.18	-.12	-.23	-.52	-.23	-.29	-.16	-.18
44	.21	.34	.24	.18	.19	.17	.26	.17	.24	.12	-.16	.10	.05	.19	.17
45	.22	.34	.26	.20	.21	.19	.28	.18	.25	.13	-.16	.10	.06	.20	.18
46	-.16	-.06	-.12	-.18	-.17	-.19	-.12	-.20	-.13	-.24	-.53	-.29	-.33	-.19	-.20
47	.19	.28	.22	.17	.19	.17	.23	.15	.22	.11	-.18	.04	.00	.16	.15
48	.22	.31	.25	.21	.23	.21	.27	.19	.27	.14	-.14	.07	.03	.19	.18
49	-.13	-.04	-.11	-.14	-.11	-.14	-.08	-.16	-.07	-.19	-.49	-.26	-.33	-.16	-.17
50	.26	.34	.29	.26	.29	.27	.32	.24	.32	.20	-.14	.11	.04	.23	.22
51	.23	.34	.25	.23	.27	.25	.28	.21	.30	.19	-.13	.10	.03	.22	.20
52	-.12	-.01	-.11	-.12	-.08	-.10	-.08	-.14	-.05	-.17	-.48	-.27	-.33	-.12	-.16
53	.80	.90	.81	.86	.90	.87	.91	.84	.83	.72	.40	.65	.51	.81	.79
54	1.16	1.25	1.18	1.17	1.20	1.20	1.25	1.19	1.26	1.12	.81	1.02	.99	1.16	1.14
55	.82	.89	.84	.83	.87	.87	.88	.84	.91	.77	.47	.67	.63	.79	.80
56	1.16	1.22	1.18	1.17	1.21	1.21	1.21	1.17	1.26	1.12	.81	1.01	.95	1.12	1.13
57	1.17	1.23	1.20	1.19	1.23	1.22	1.22	1.19	1.28	1.16	.86	1.02	.96	1.13	1.15
58	.79	.85	.82	.81	.84	.84	.84	.80	.90	.81	.53	.65	.58	.76	.78
59	1.11	1.15	1.13	1.12	1.17	1.16	1.16	1.13	1.22	1.17	.87	.97	.90	1.08	1.11
60	1.10	1.14	1.11	1.10	1.14	1.14	1.15	1.11	1.21	1.16	.86	.96	.90	1.08	1.11
61	3.05	3.05	3.05	3.05	3.05	3.05	3.05	3.05	3.05	3.05	3.05	3.05	3.05	3.05	3.05
62	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00

NOAA-9 SCANNER OFFSETS FOR JANUARY 1987: SHORTWAVE CHANNEL

DAY OF MONTH -->

S.P.	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1	-.11	-.11	-.11	-.11	-.11	-.11	-.11	-.11	-.11	-.11	-.11	-.11	-.11	-.11	-.11	-.11
2	.32	.32	.32	.32	.32	.32	.32	.32	.32	.32	.32	.32	.32	.32	.32	.32
3	.49	.49	.49	.49	.49	.49	.49	.49	.49	.49	.49	.49	.49	.49	.49	.49
4	-4.09	-4.09	-4.09	-4.09	-4.09	-4.09	-4.09	-4.09	-4.09	-4.09	-4.09	-4.09	-4.09	-4.09	-4.09	-4.09
5	.57	.72	.41	.43	.35	******	******	******	******	******	******	******	******	******	******	******
6	.68	.83	.54	.54	.46	******	******	******	******	******	******	******	******	******	******	******
7	.34	.49	.20	.20	.12	******	******	******	******	******	******	******	******	******	******	******
8	.69	.84	.55	.55	.48	******	******	******	******	******	******	******	******	******	******	******
9	.75	.90	.60	.60	.54	******	******	******	******	******	******	******	******	******	******	******
10	.34	.50	.20	.18	.13	******	******	******	******	******	******	******	******	******	******	******
11	.67	.81	.52	.51	.46	******	******	******	******	******	******	******	******	******	******	******
12	.66	.77	.51	.50	.46	******	******	******	******	******	******	******	******	******	******	******
13	-.17	-.05	-.33	-.34	-.38	******	******	******	******	******	******	******	******	******	******	******
14	.07	.23	-.09	-.09	-.14	******	******	******	******	******	******	******	******	******	******	******
15	.09	.25	-.08	-.06	-.11	******	******	******	******	******	******	******	******	******	******	******
16	-.31	-.17	-.48	-.47	-.52	******	******	******	******	******	******	******	******	******	******	******
17	.02	.17	-.16	-.14	-.19	******	******	******	******	******	******	******	******	******	******	******
18	.03	.19	-.13	-.12	-.17	******	******	******	******	******	******	******	******	******	******	******
19	-.36	-.20	-.52	-.51	-.55	******	******	******	******	******	******	******	******	******	******	******
20	.01	.17	-.15	-.13	-.18	******	******	******	******	******	******	******	******	******	******	******
21	.01	.17	-.14	-.11	-.18	******	******	******	******	******	******	******	******	******	******	******
22	-.42	-.25	-.57	-.52	-.60	******	******	******	******	******	******	******	******	******	******	******
23	-.07	.10	-.22	-.17	-.25	******	******	******	******	******	******	******	******	******	******	******
24	-.04	.14	-.19	-.14	-.21	******	******	******	******	******	******	******	******	******	******	******
25	-.42	-.25	-.57	-.53	-.60	******	******	******	******	******	******	******	******	******	******	******
26	-.06	.11	-.21	-.17	-.24	******	******	******	******	******	******	******	******	******	******	******
27	-.04	.14	-.18	-.15	-.21	******	******	******	******	******	******	******	******	******	******	******
28	-.42	-.25	-.57	-.53	-.60	******	******	******	******	******	******	******	******	******	******	******
29	-.04	.14	-.18	-.15	-.22	******	******	******	******	******	******	******	******	******	******	******
30	-.01	.18	-.14	-.11	-.19	******	******	******	******	******	******	******	******	******	******	******
31	-.37	-.19	-.51	-.47	-.54	******	******	******	******	******	******	******	******	******	******	******
32	-.01	.17	-.16	-.13	-.19	******	******	******	******	******	******	******	******	******	******	******
33	-.09	.09	-.26	-.24	-.31	******	******	******	******	******	******	******	******	******	******	******
34	-.49	-.28	-.67	-.64	-.71	******	******	******	******	******	******	******	******	******	******	******
35	-.12	.06	-.29	-.27	-.35	******	******	******	******	******	******	******	******	******	******	******
36	-.06	.13	-.22	-.21	-.28	******	******	******	******	******	******	******	******	******	******	******
37	-.40	-.21	-.55	-.55	-.62	******	******	******	******	******	******	******	******	******	******	******
38	-.01	.18	-.17	-.17	-.22	******	******	******	******	******	******	******	******	******	******	******
39	.04	.22	-.12	-.12	-.16	******	******	******	******	******	******	******	******	******	******	******
40	-.29	-.09	-.46	-.43	-.50	******	******	******	******	******	******	******	******	******	******	******
41	.09	.32	-.09	-.05	-.12	******	******	******	******	******	******	******	******	******	******	******
42	.12	.32	-.03	.00	-.09	******	******	******	******	******	******	******	******	******	******	******
43	-.25	-.06	-.39	-.36	-.46	******	******	******	******	******	******	******	******	******	******	******
44	.10	.29	-.04	-.01	-.12	******	******	******	******	******	******	******	******	******	******	******
45	.11	.30	-.03	.01	-.11	******	******	******	******	******	******	******	******	******	******	******
46	-.27	-.08	-.41	-.37	-.49	******	******	******	******	******	******	******	******	******	******	******
47	.08	.27	-.07	-.04	-.15	******	******	******	******	******	******	******	******	******	******	******
48	.11	.31	-.03	-.01	-.11	******	******	******	******	******	******	******	******	******	******	******
49	-.24	-.04	-.39	-.37	-.47	******	******	******	******	******	******	******	******	******	******	******
50	.14	.36	-.04	.00	-.09	******	******	******	******	******	******	******	******	******	******	******
51	.13	.33	-.02	-.01	-.10	******	******	******	******	******	******	******	******	******	******	******
52	-.23	-.02	-.38	-.37	-.46	******	******	******	******	******	******	******	******	******	******	******
53	.64	.92	.49	.54	.42	******	******	******	******	******	******	******	******	******	******	******
54	1.05	1.26	.88	.91	.81	******	******	******	******	******	******	******	******	******	******	******
55	.69	.90	.55	.57	.46	******	******	******	******	******	******	******	******	******	******	******
56	1.03	1.23	.88	.91	.80	******	******	******	******	******	******	******	******	******	******	******
57	1.05	1.25	.91	.93	.82	******	******	******	******	******	******	******	******	******	******	******
58	.68	.87	.54	.55	.46	******	******	******	******	******	******	******	******	******	******	******
59	1.00	1.19	.86	.87	.78	******	******	******	******	******	******	******	******	******	******	******
60	1.01	1.20	.87	.86	.78	******	******	******	******	******	******	******	******	******	******	******
61	3.05	3.05	3.05	3.05	3.05	3.05	3.05	3.05	3.05	3.05	3.05	3.05	3.05	3.05	3.05	3.05
62	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00

APPENDIX C

NOAA-10 SCANNER OFFSET TABLES

The term "S.P." in the following table means scan position. All offsets have unit watts per square meter per steradian.

NOAA-10 SCANNER OFFSETS

(SCANNER AZIMUTH ANGLE = 35 DEGREES)

S.P.	TOTAL	LW	SW
1	0.66	0.29	0.43
2	0.62	0.58	0.13
3	0.77	0.7	-0.05
4	1	0.82	0.99
5	-1.16	-2.88	0.08
6	-0.23	-1.22	0.16
7	0.4	-0.21	1.01
8	1.04	0.24	0.41
9	1.64	0.47	0.43
10	1.55	0.45	1.26
11	1.6	0.41	0.52
12	1.57	0.16	0.54
13	1.42	0.06	1.36
14	0.96	-0.47	0.62
15	1.11	-0.73	0.51
16	0.85	-1	1.19
17	0.74	-1.28	0.41
18	1.08	-1.37	0.35
19	0.31	-2	1.07
20	0.07	-2.37	0.3
21	0.05	-2.67	0.09
22	-0.47	-3.19	0.68
23	-0.51	-3.44	-0.06
24	-0.38	-3.69	-0.08
25	-0.56	-3.93	0.81
26	-0.54	-4.09	0.01
27	-0.29	-4.15	-0.02
28	-0.34	-4.2	0.87
29	-0.29	-4.29	0.1
30	-0.2	-4.47	0.08
31	-0.44	-4.58	0.84
32	-0.48	-4.69	0.11
33	-0.2	-4.67	0.08
34	-0.13	-4.48	0.84
35	-0.12	-4.42	0.07
36	0.16	-4.29	0.07
37	-0.07	-4.28	0.89
38	-0.11	-4.23	0.14
39	0.38	-3.95	0.12
40	0.08	-3.94	0.91
41	-0.01	-3.9	0
42	0.15	-3.86	-0.15
43	0.05	-3.72	0.66
44	-0.18	-3.73	-0.07
45	0.09	-3.51	0.04
46	0.41	-3.11	0.8
47	0.29	-3.23	0.04
48	0.65	-3.05	0.11
49	0.6	-2.98	0.87
50	0.38	-3.12	0.11
51	0.32	-3.22	0.06
52	0.36	-3.1	0.84
53	0.11	-3.19	0.09
54	0.35	-3.17	-0.03
55	0.26	-3.06	0.72
56	0.38	-2.91	-0.04
57	0.56	-2.8	0.03
58	0.25	-2.69	0.79
59	0.73	-1.46	0.43
60	1.19	0.04	0.96
61	1.26	1.31	0.96
~~62~~	~~2.55~~	~~2.15~~	~~0.94~~

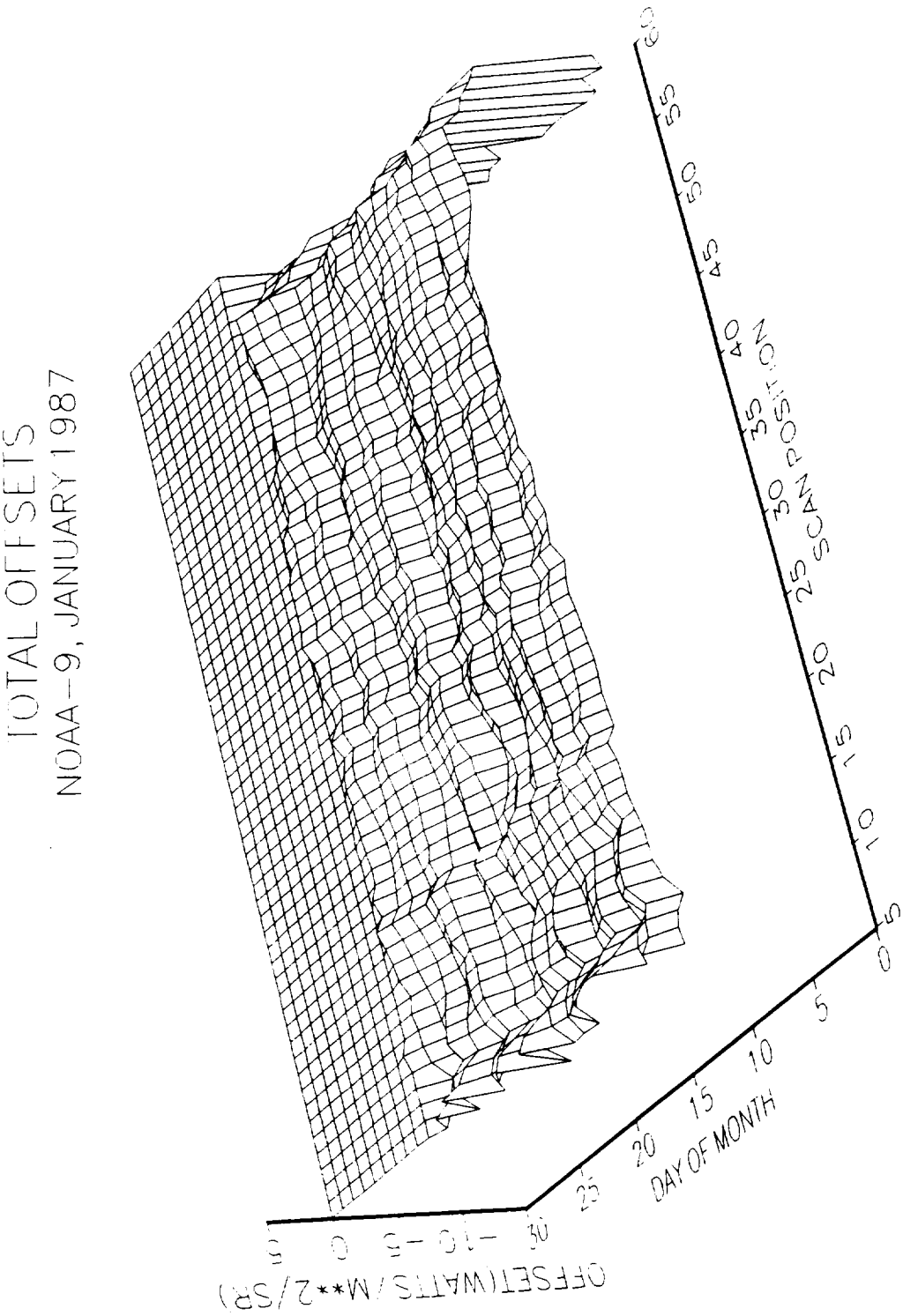
NOAA-10 SCANNER OFFSETS

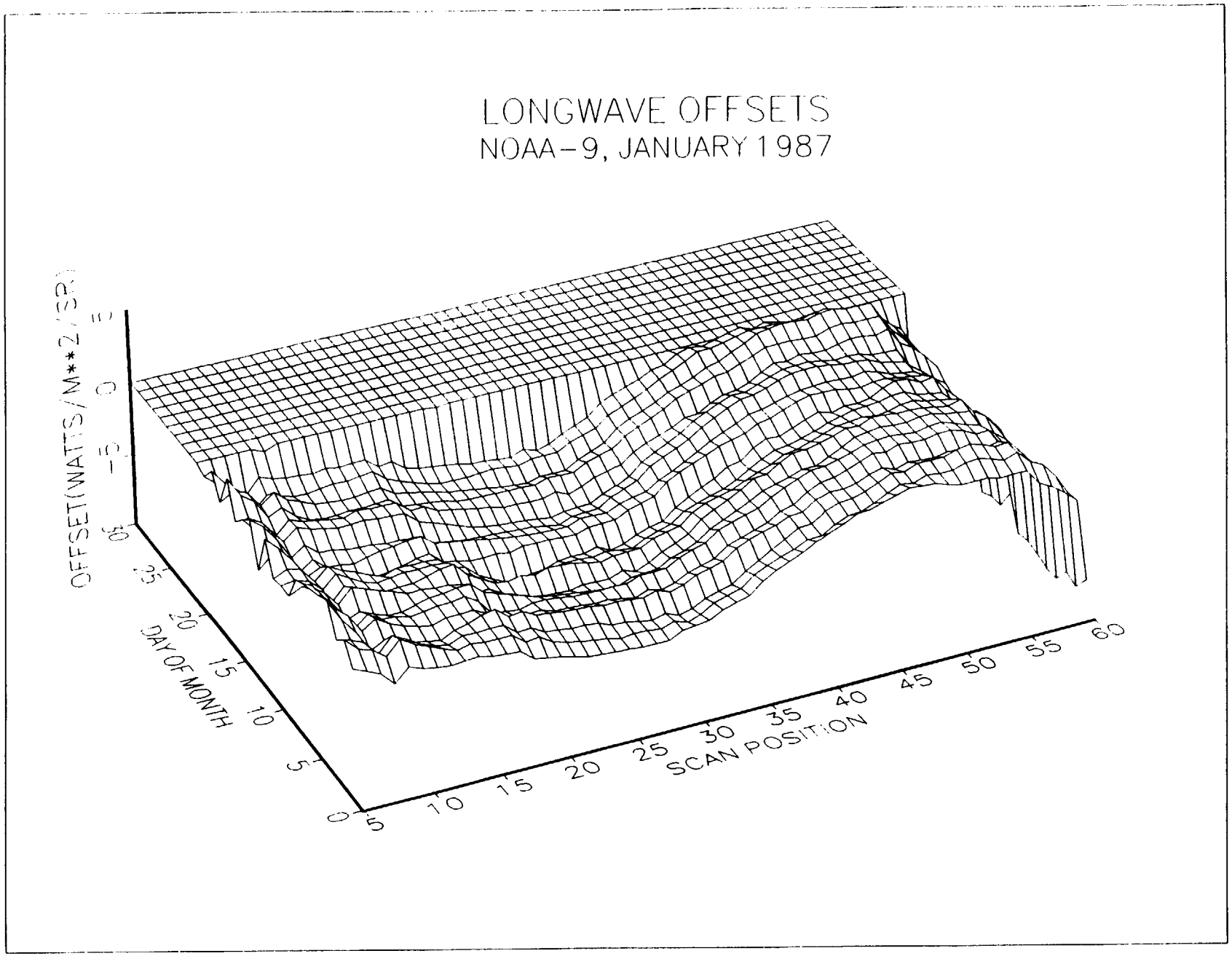
(SCANNER AZIMUTH ANGLE = ZERO DEGREES)

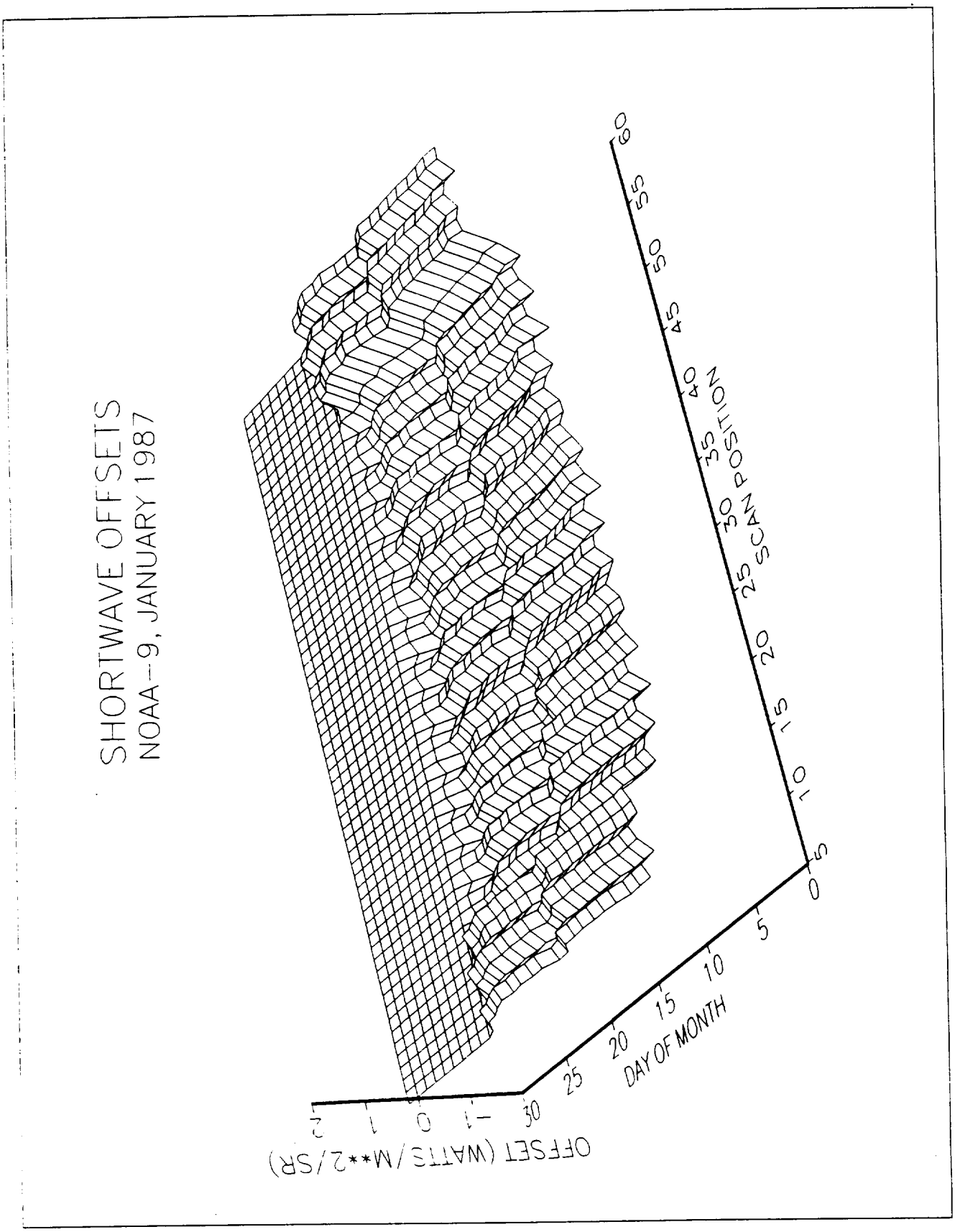
S.P.	TOTAL	LW	SW
1	0.26	0.05	0.23
2	0.62	0.58	0.13
3	0.77	0.7	-0.05
4	1	0.82	0.99
5	-0.99	-0.99	-0.41
6	-0.3	-0.67	-0.37
7	-0.47	-0.45	0.45
8	-0.82	-0.58	-0.24
9	1.62	0.93	-0.27
10	2.07	1.36	0.49
11	1.6	1.07	-0.31
12	0.97	0.5	-0.34
13	0.82	0.48	0.5
14	1.16	0.65	-0.32
15	0.72	0.22	-0.39
16	0.46	0.12	0.37
17	0.44	0.08	-0.39
18	0.92	0.26	-0.42
19	0.84	0.27	0.32
20	1.12	0.47	-0.44
21	1.08	0.35	-0.64
22	0.86	0.27	-0.01
23	0.88	0.31	-0.77
24	0.97	0.3	-0.76
25	1.09	0.51	0.19
26	1.15	0.63	-0.54
27	0.98	0.49	-0.5
28	1.12	0.74	0.44
29	1.18	0.81	-0.27
30	1.36	0.81	-0.24
31	1.24	0.89	0.6
32	1.55	1.13	-0.11
33	1.37	0.91	-0.1
34	1.22	0.97	0.68
35	1.25	1.02	-0.08
36	1.61	1.16	-0.05
37	1.7	1.37	0.78
38	1.49	1.23	0.02
39	1.77	1.25	0.02
40	1.46	1.18	0.86
41	1.09	0.94	-0.05
42	1.53	1.06	-0.21
43	1.87	1.42	0.58
44	1.9	1.44	-0.17
45	2.18	1.5	-0.06
46	2.22	1.68	0.7
47	2.39	1.86	-0.09
48	2.52	1.86	-0.06
49	2.17	1.7	0.68
50	1.63	1.3	-0.14
51	1.5	1.13	-0.22
52	1.75	1.42	0.55
53	1.68	1.47	-0.16
54	1.79	1.46	-0.32
55	1.21	1.22	0.4
56	1.15	1.19	-0.4
57	1.34	1.24	-0.43
58	0.62	0.97	0.33
59	0.25	0.9	-0.47
60	-5.46	-3.31	-0.36
61	1.26	1.31	0.96
62	4.55	2.31	1.57

APPENDIX D

NOAA-9 SCANNER OFFSET PLOTS

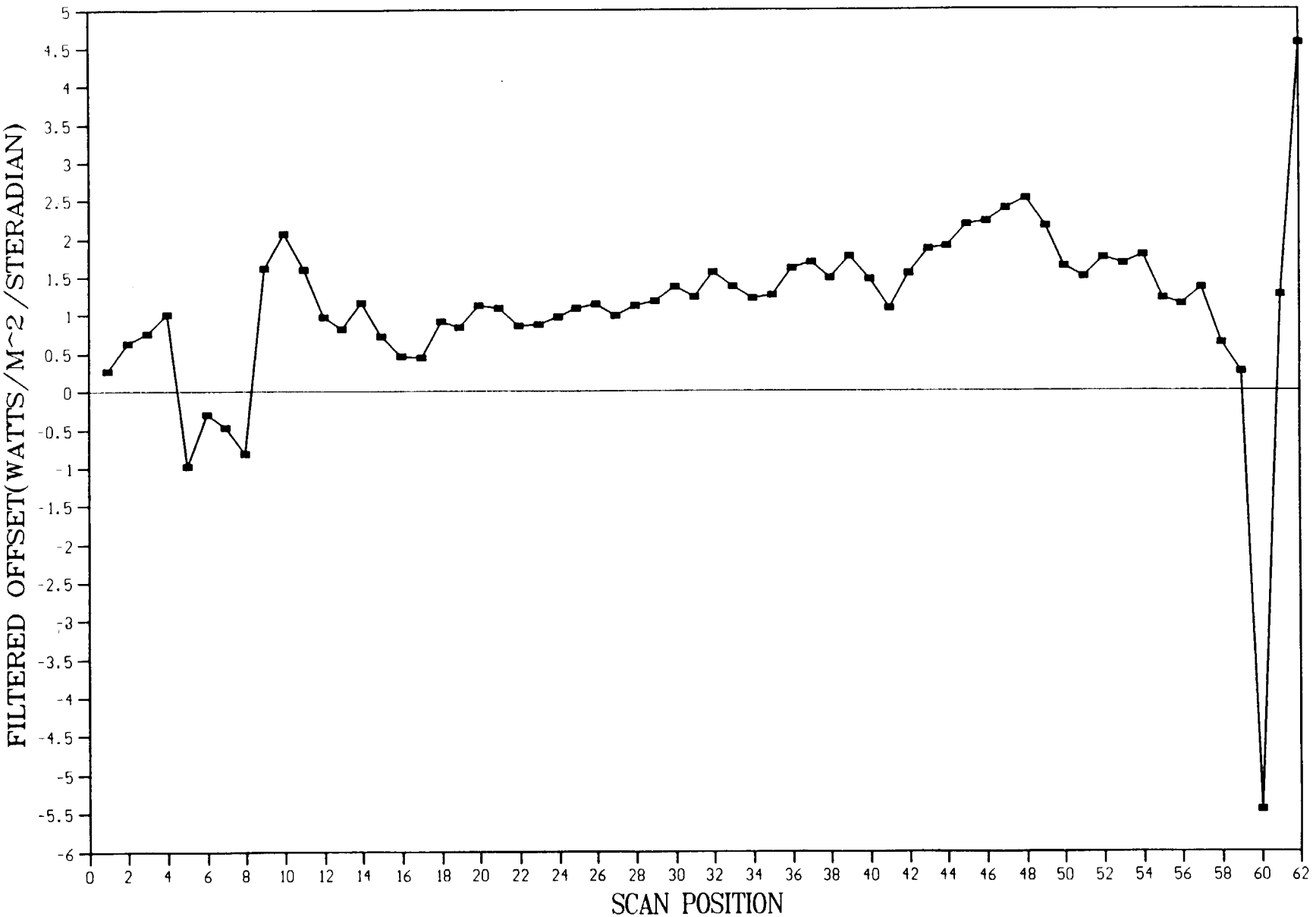


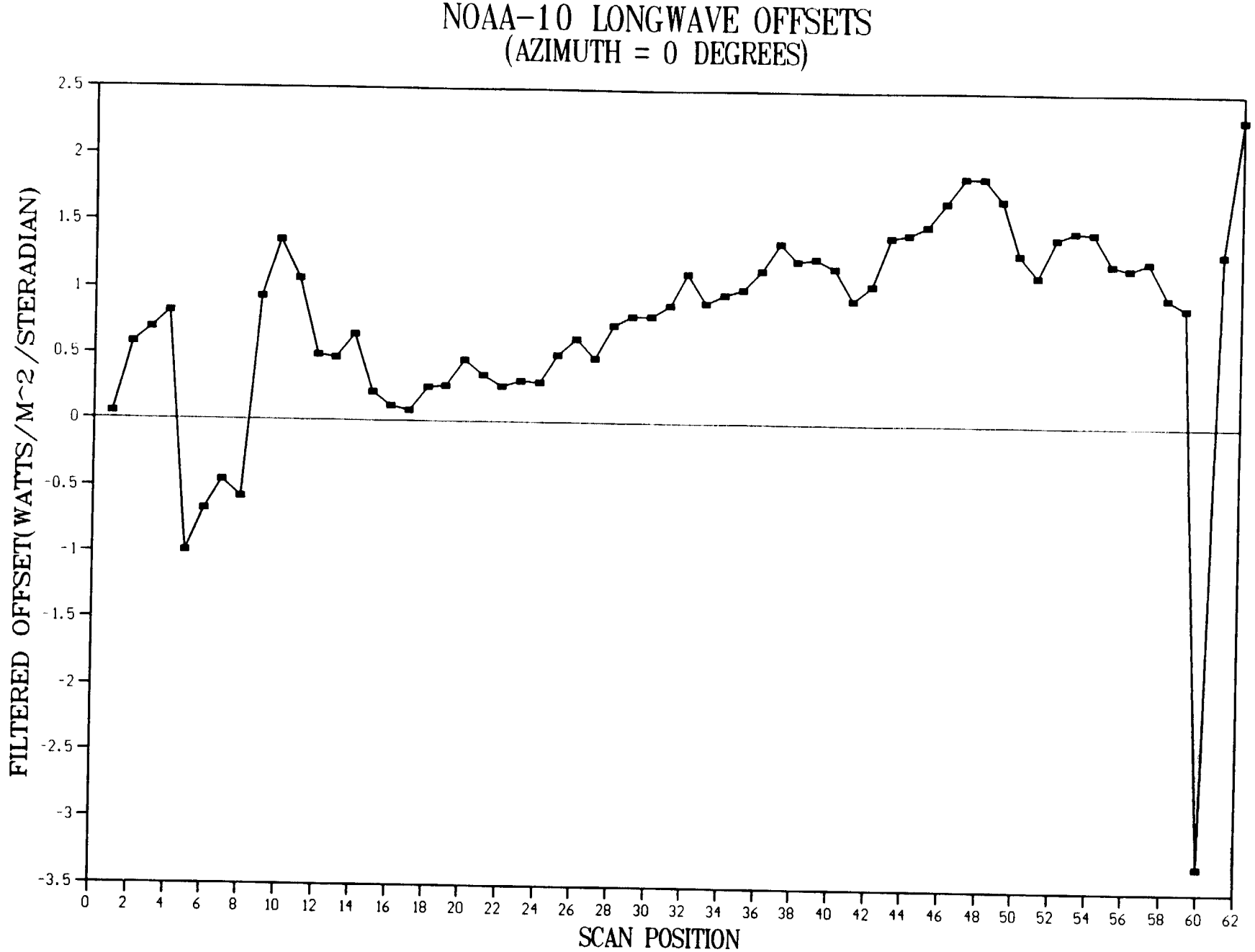

LONGWAVE OFFSETS
NOAA-9, JANUARY 1987
OFFSET(WATTS/M**2/SR)
DAY OF MONTH
SCAN POSITION
0
5
10
15
20
25
30
35
40
45
50
55
60

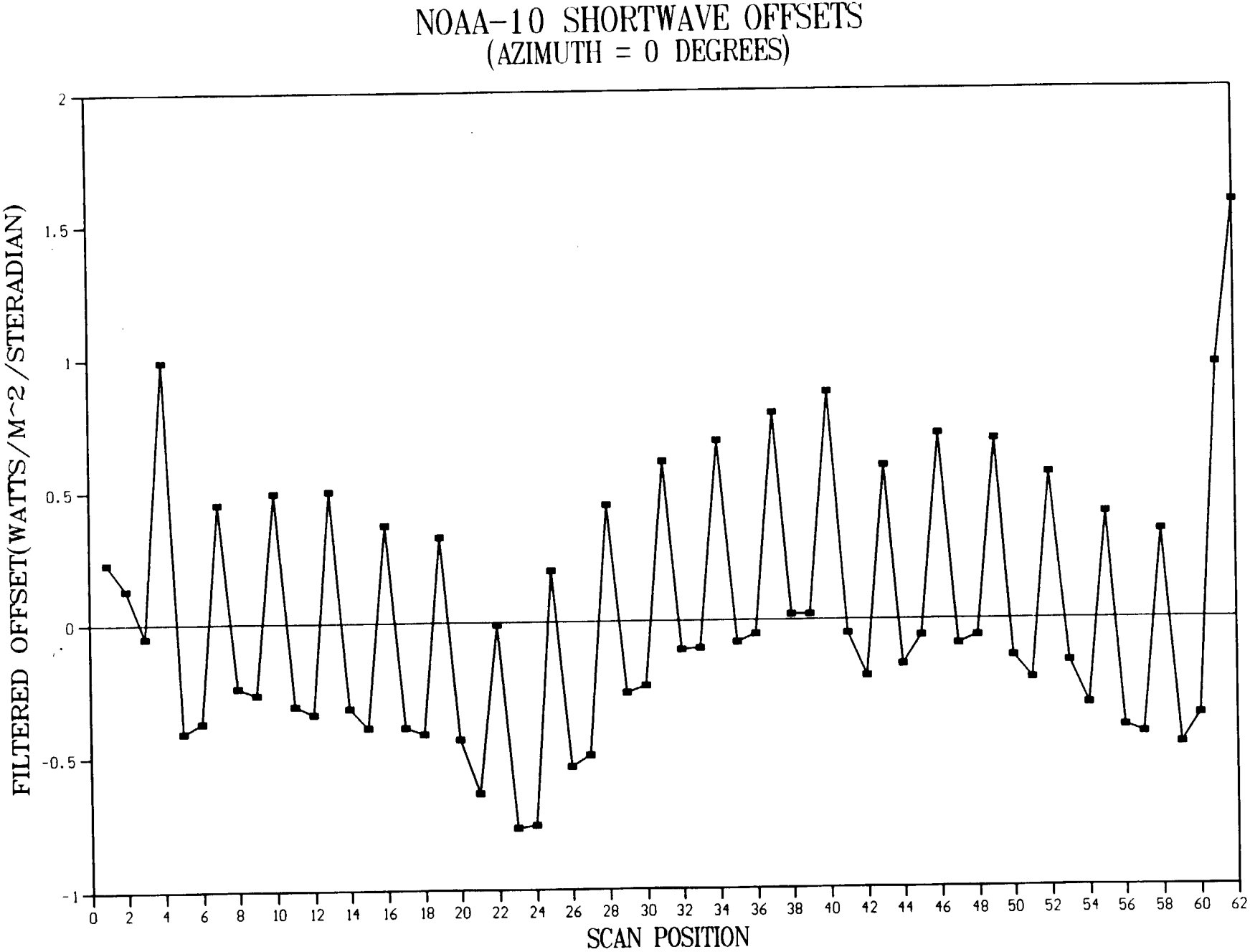

SHORTWAVE OFFSETS
NOAA-9, JANUARY 1987
OFFSET (WATTS/M**2/SR)
-1
0
1
2
DAY OF MONTH
0
5
10
15
20
25
30
SCAN POSITION
0
5
10
15
20
25
30
35
40
45
50
55
60

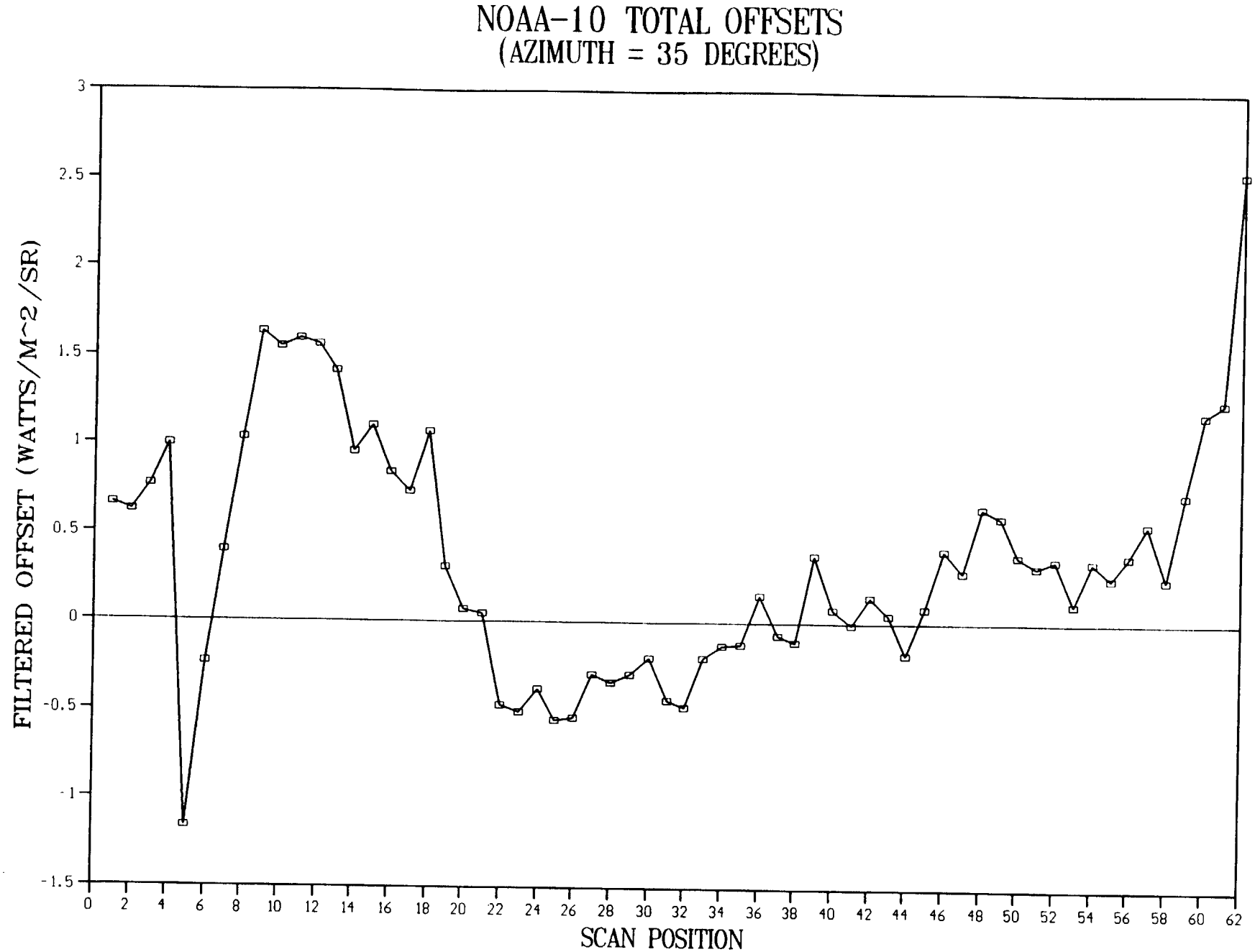
APPENDIX E

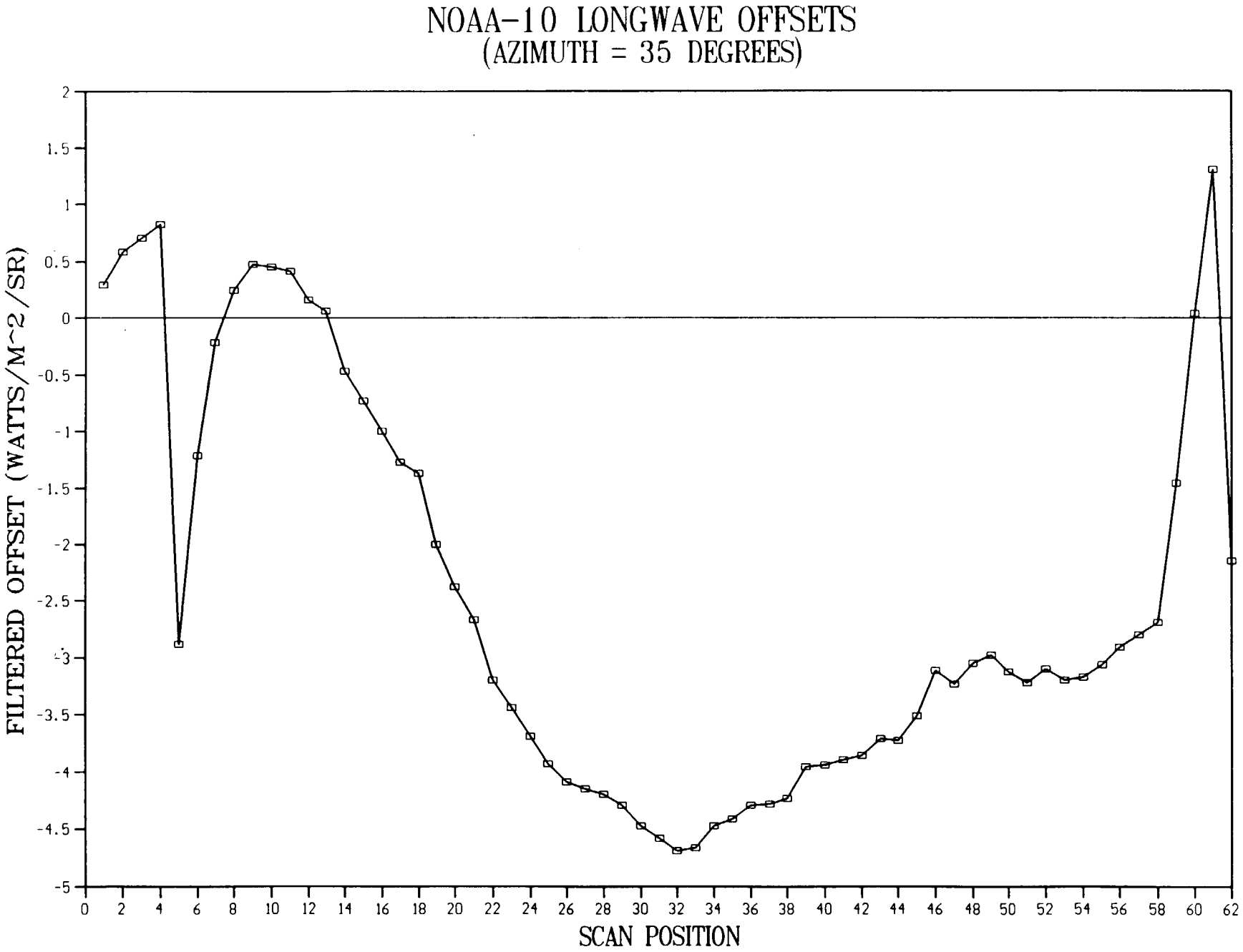
NOAA-10 SCANNER OFFSET PLOTS

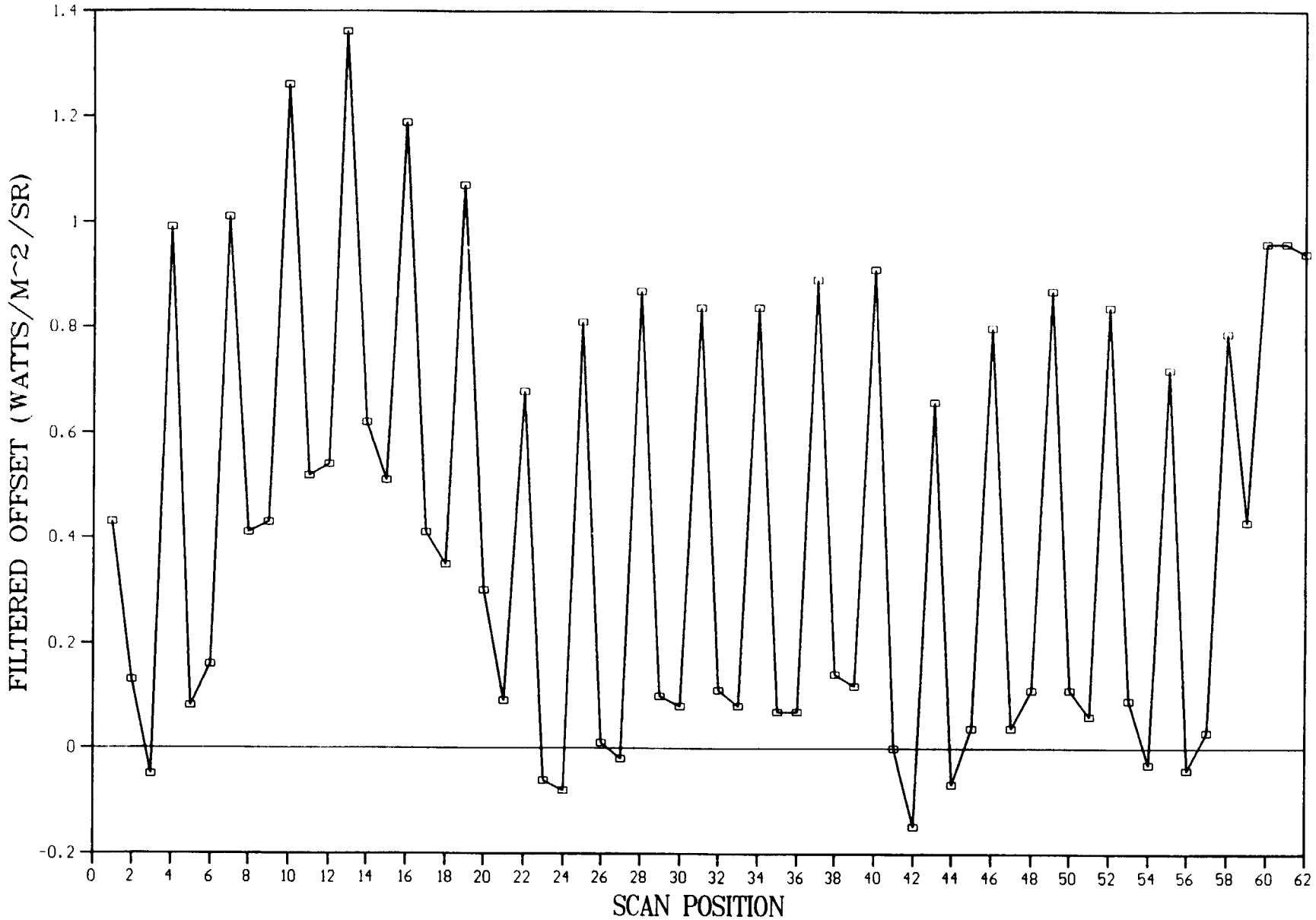

NOAA-10 TOTAL OFFSETS
(AZIMUTH = 0 DEGREES)
FILTERED OFFSET(WATTS/M^2/STERADIAN)
SCAN POSITION
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
-0.5
-1
-1.5
-2
-2.5
-3
-3.5
-4
-4.5
-5
-5.5
-6
0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62


NOAA-10 LONGWAVE OFFSETS
(AZIMUTH = 0 DEGREES)
FILTERED OFFSET(WATTS/M^2/STERADIAN)
2.5
2
1.5
1
0.5
0
-0.5
-1
-1.5
-2
-2.5
-3
-3.5
0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62
SCAN POSITION


NOAA-10 SHORTWAVE OFFSETS
(AZIMUTH = 0 DEGREES)
FILTERED OFFSET(WATTS/M^2/STERADIAN)
SCAN POSITION
2
1.5
1
0.5
0
-0.5
-1
0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62

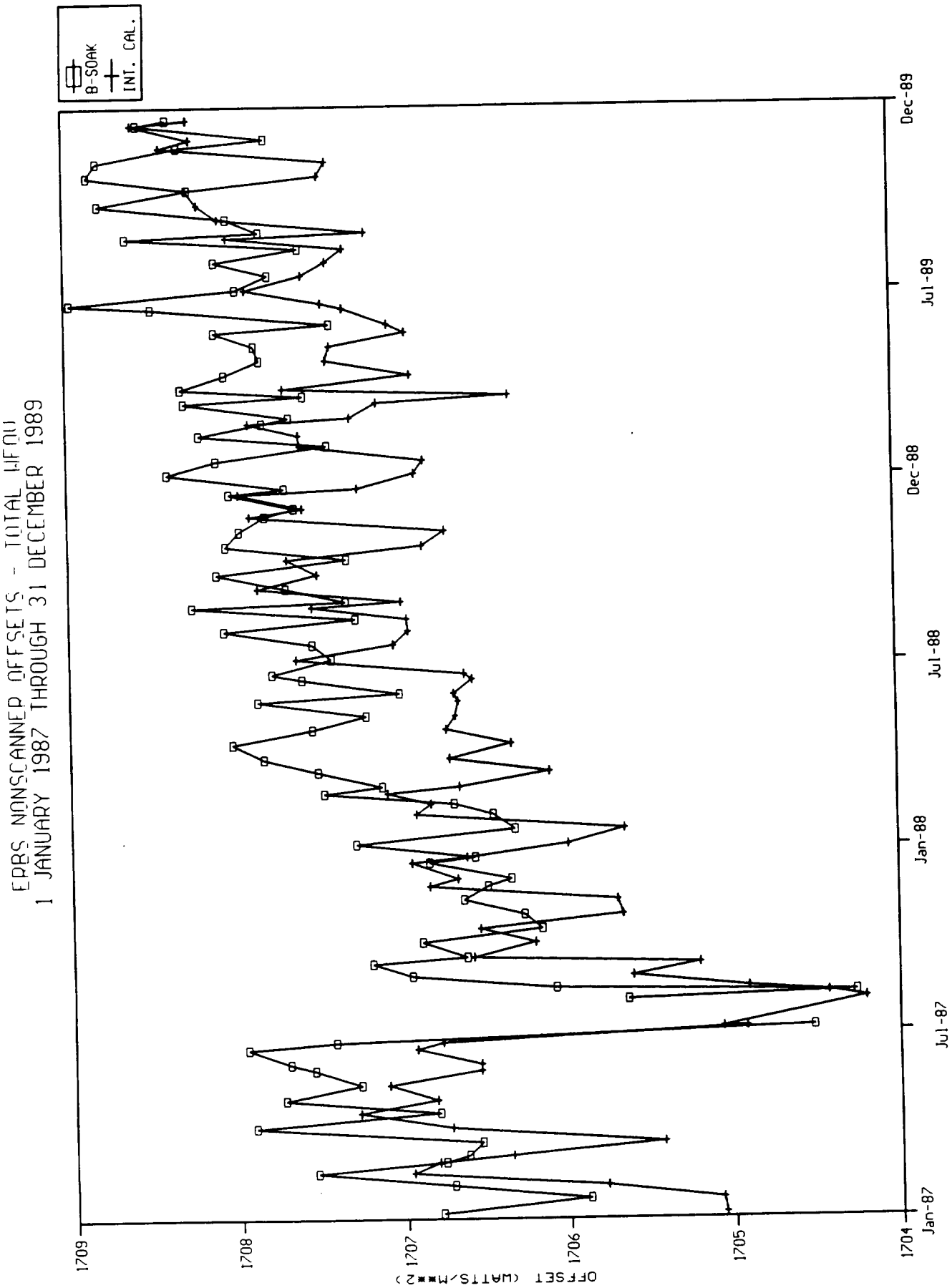

NOAA-10 TOTAL OFFSETS
(AZIMUTH = 35 DEGREES)
FILTERED OFFSET (WATTS/M^2/SR)
SCAN POSITION
3
2.5
2
1.5
1
0.5
0
-0.5
-1
-1.5
0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62

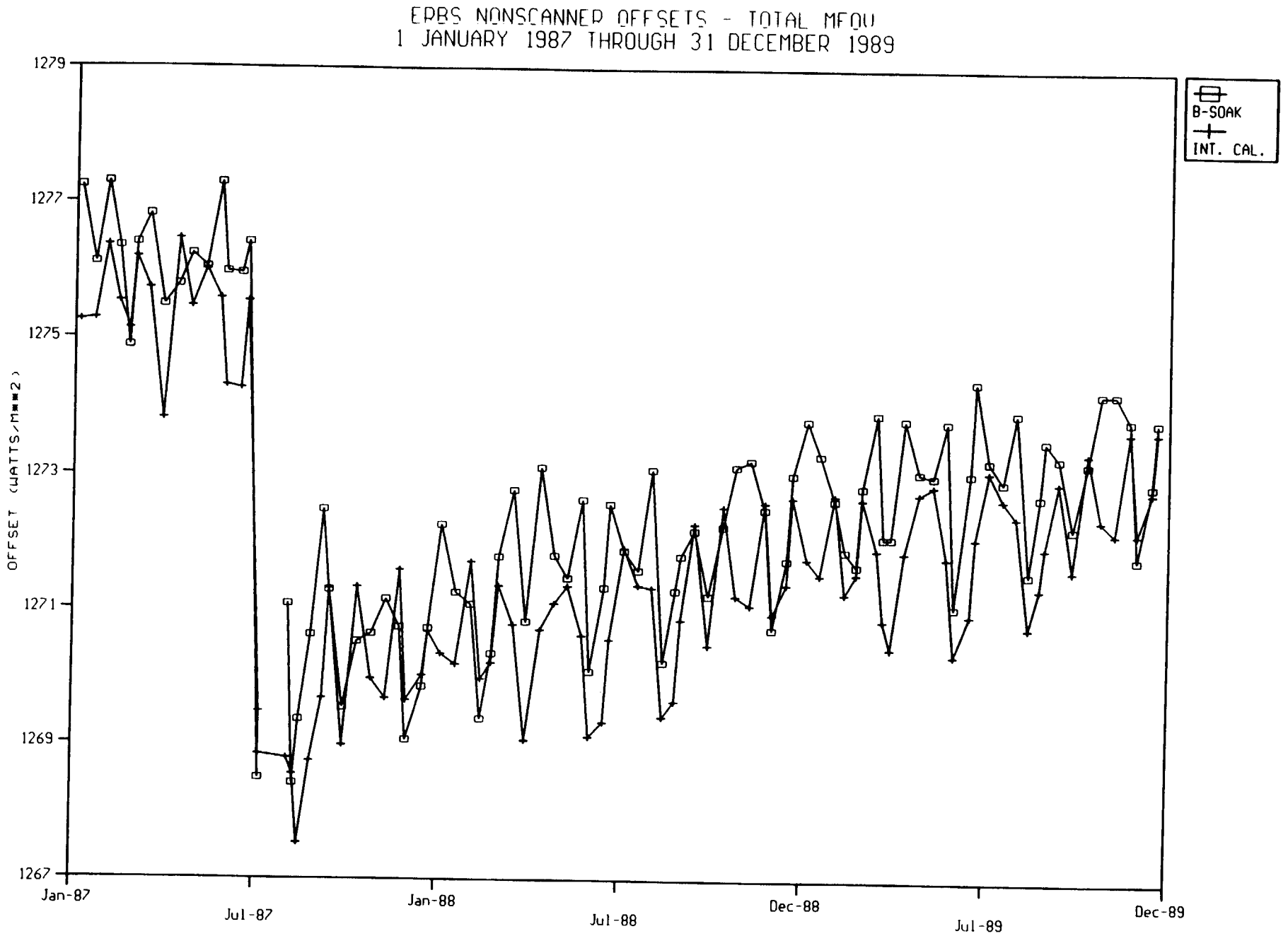

NOAA-10 LONGWAVE OFFSETS
(AZIMUTH = 35 DEGREES)
FILTERED OFFSET (WATTS/M^2/SR)
SCAN POSITION
2
1.5
1
0.5
0
-0.5
-1
-1.5
-2
-2.5
-3
-3.5
-4
-4.5
-5
0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62

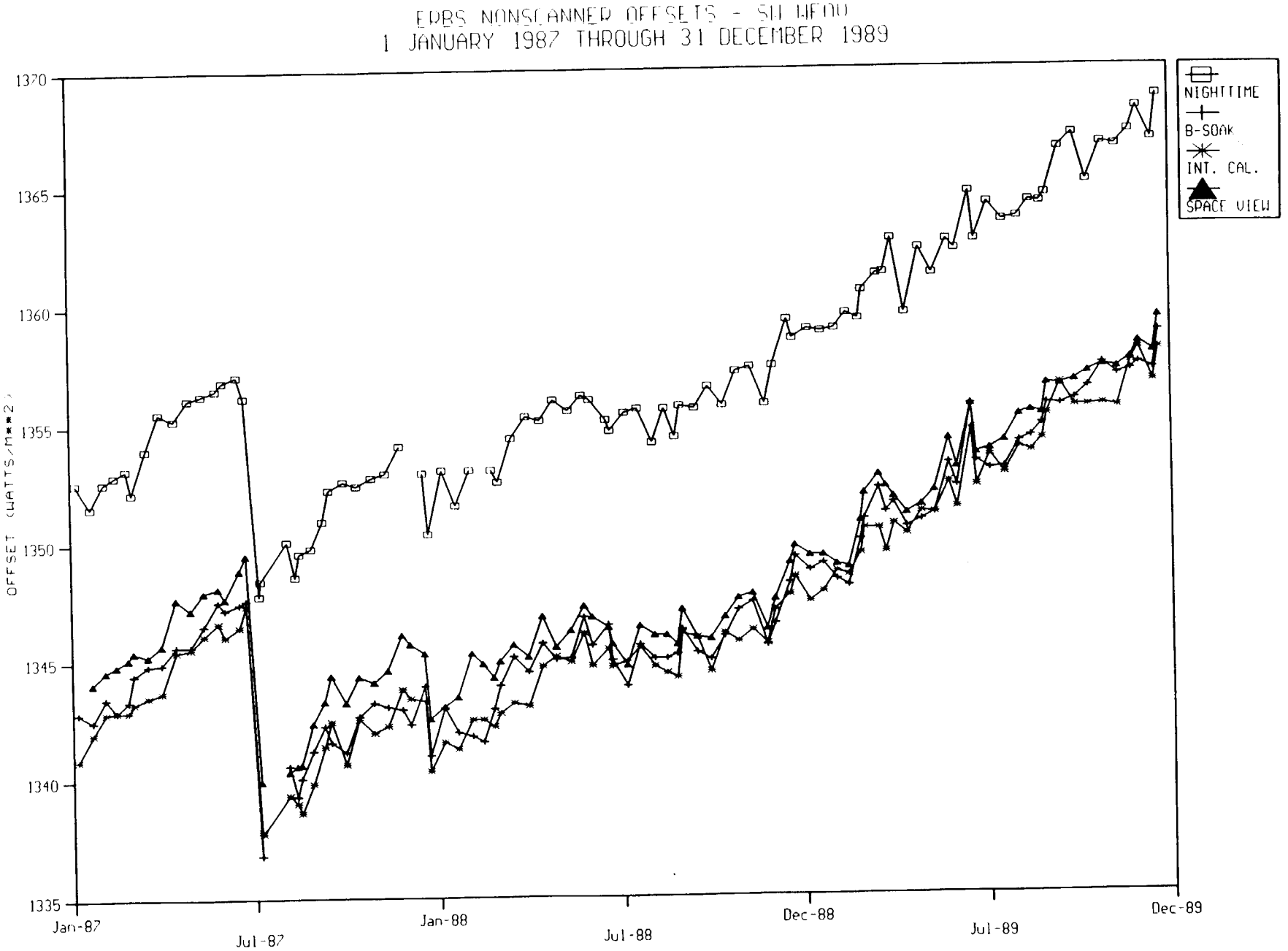

NOAA-10 SHORTWAVE OFFSETS
(AZIMUTH = 35 DEGREES)
FILTERED OFFSET (WATTS/M^2/SR)
SCAN POSITION
1.4
1.2
1
0.8
0.6
0.4
0.2
0
-0.2
0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62

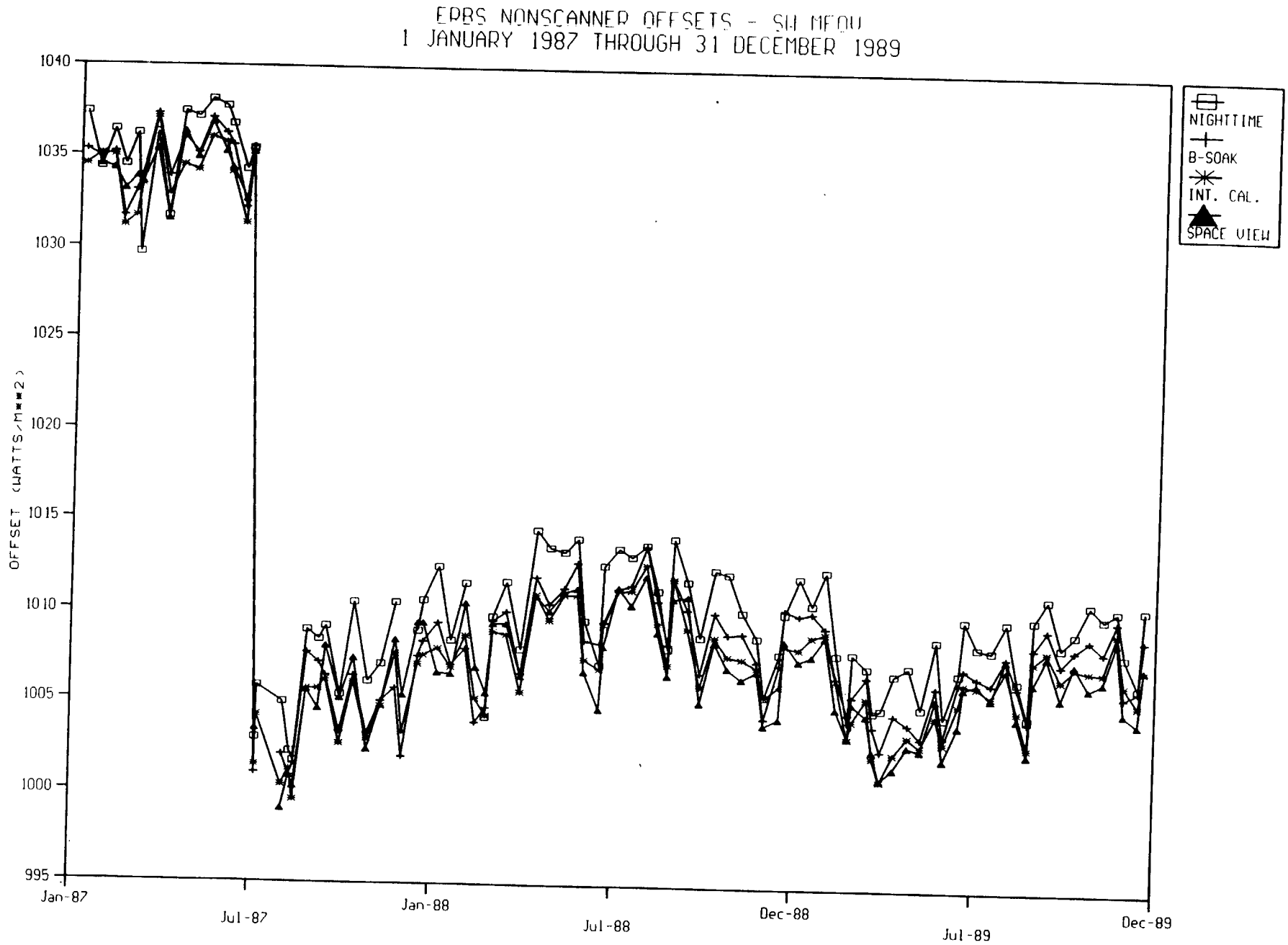
APPENDIX F

ERBS NONSCANNER OFFSET CALIBRATION PLOTS



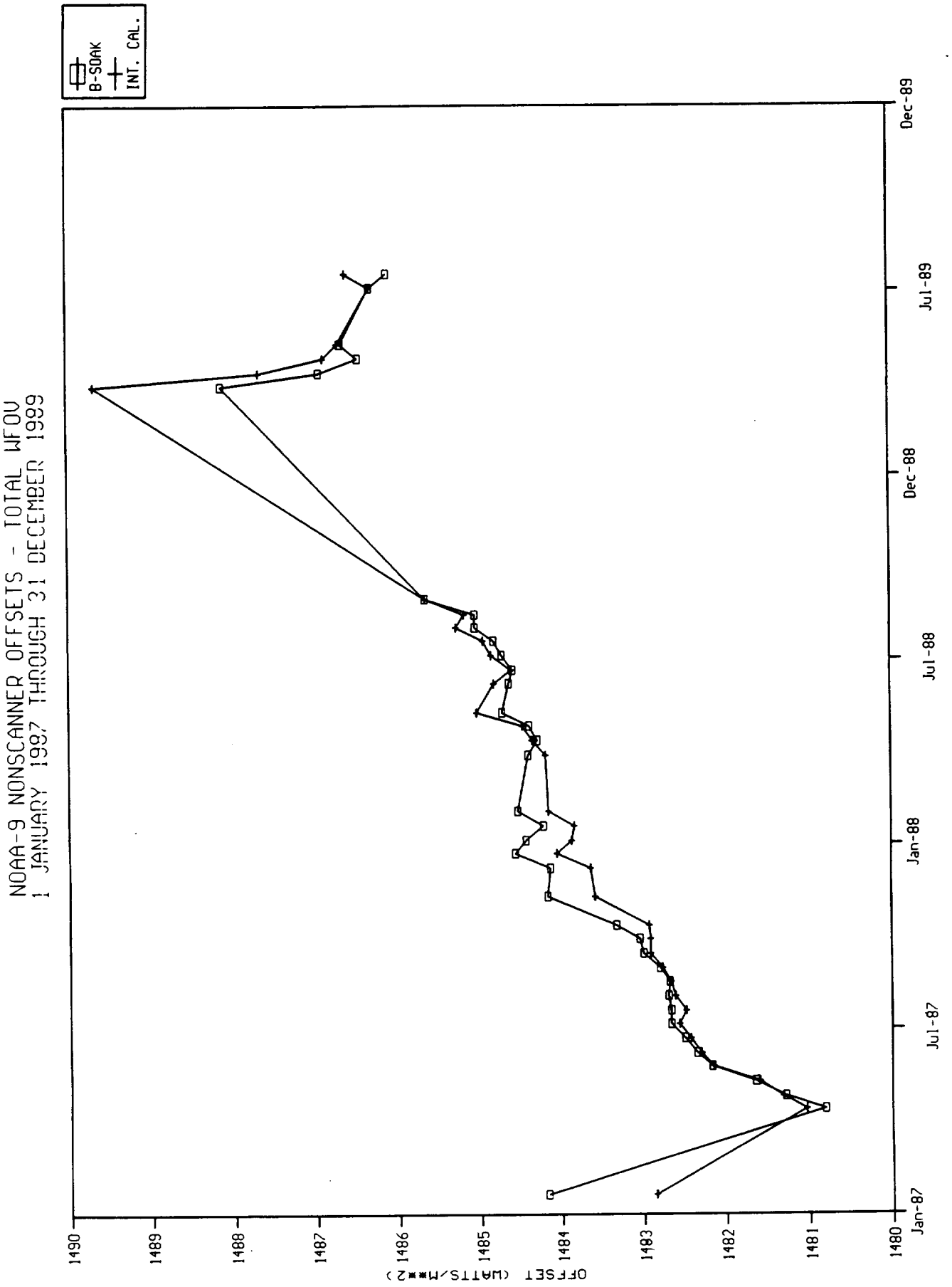

ERBS NONSCANNER OFFSETS - TOTAL MFOV
1 JANUARY 1987 THROUGH 31 DECEMBER 1989
OFFSET (WATTS/M**2)
1279
1277
1275
1273
1271
1269
1267
Jan-87
Jul-87
Jan-88
Jul-88
Dec-88
Jul-89
Dec-89
B-SOAK
INT. CAL.

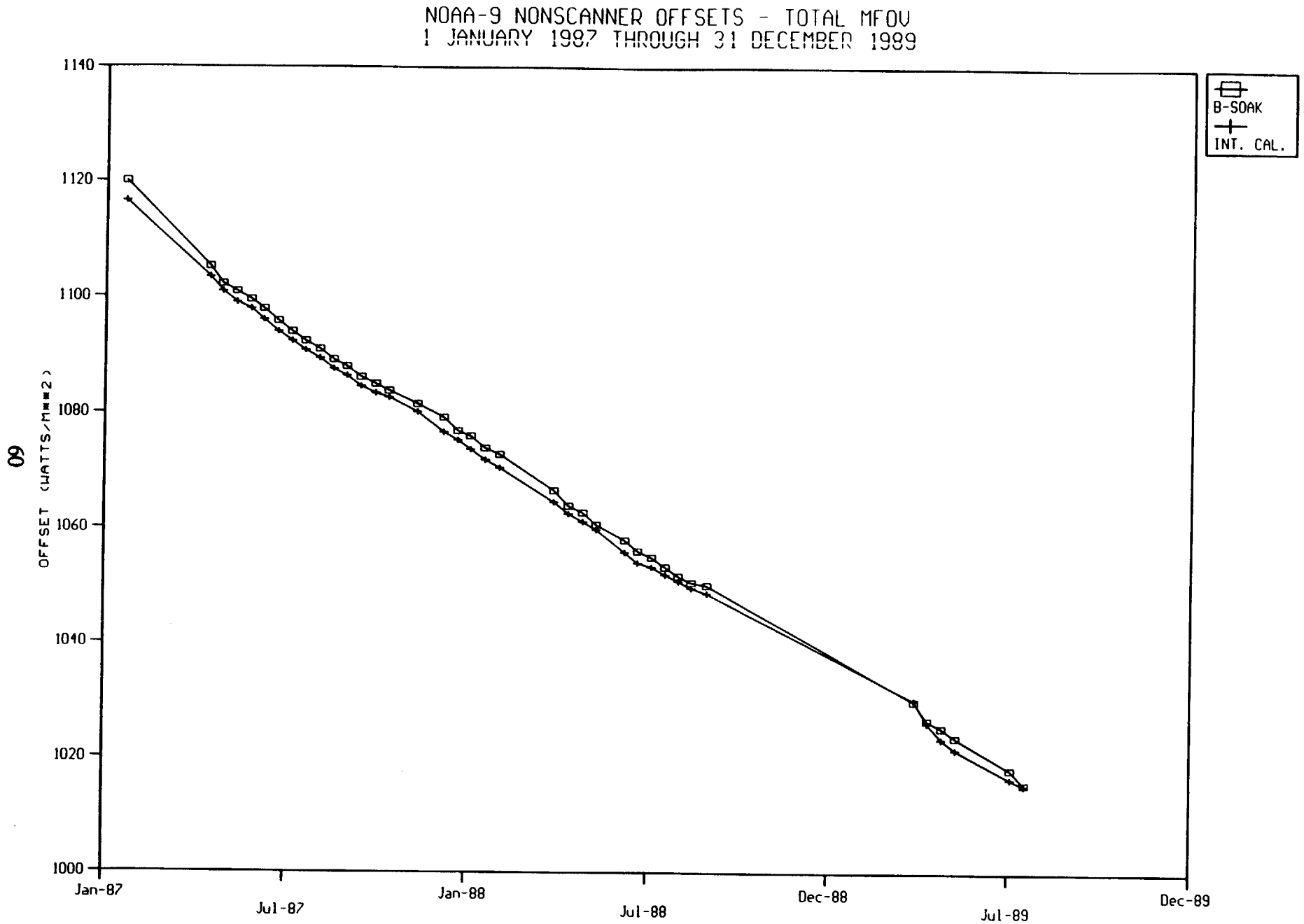

ERBS NONSCANNER OFFSETS - SU VIEW
1 JANUARY 1987 THROUGH 31 DECEMBER 1989
NIGHTTIME
B-SOAK
INT. CAL.
SPACE VIEW
OFFSET (WATTS/M**2)
1370
1365
1360
1355
1350
1345
1340
1335
Jan-87
Jul-87
Jan-88
Jul-88
Dec-88
Jul-89
Dec-89

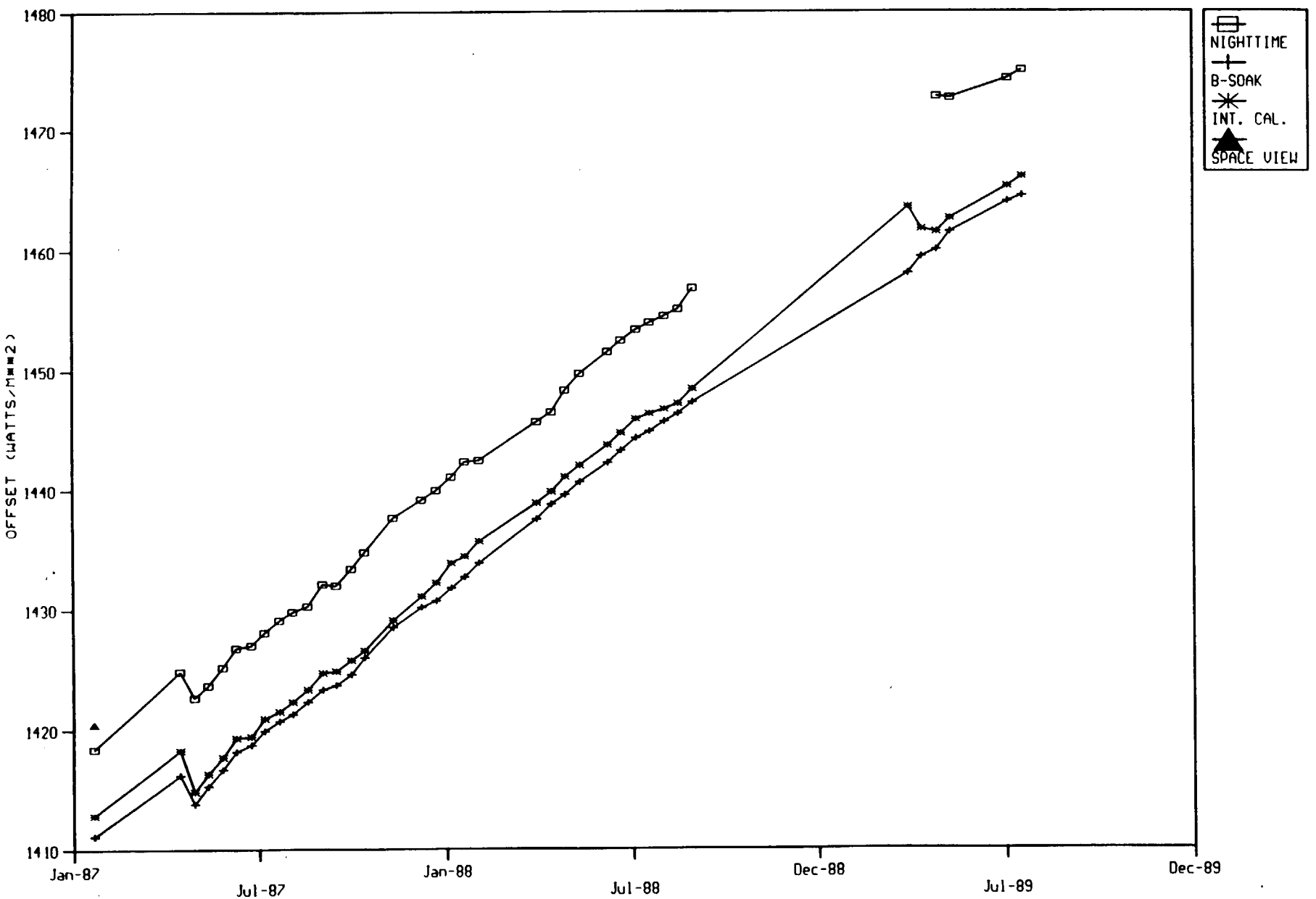

ERBS NONSCANNER OFFSETS - SW MFOV
1 JANUARY 1987 THROUGH 31 DECEMBER 1989
OFFSET (WATTS/M**2)
1040
1035
1030
1025
1020
1015
1010
1005
1000
995
Jan-87
Jul-87
Jan-88
Jul-88
Dec-88
Jul-89
Dec-89
NIGHTTIME
B-SOAK
INT. CAL.
SPACE VIEW

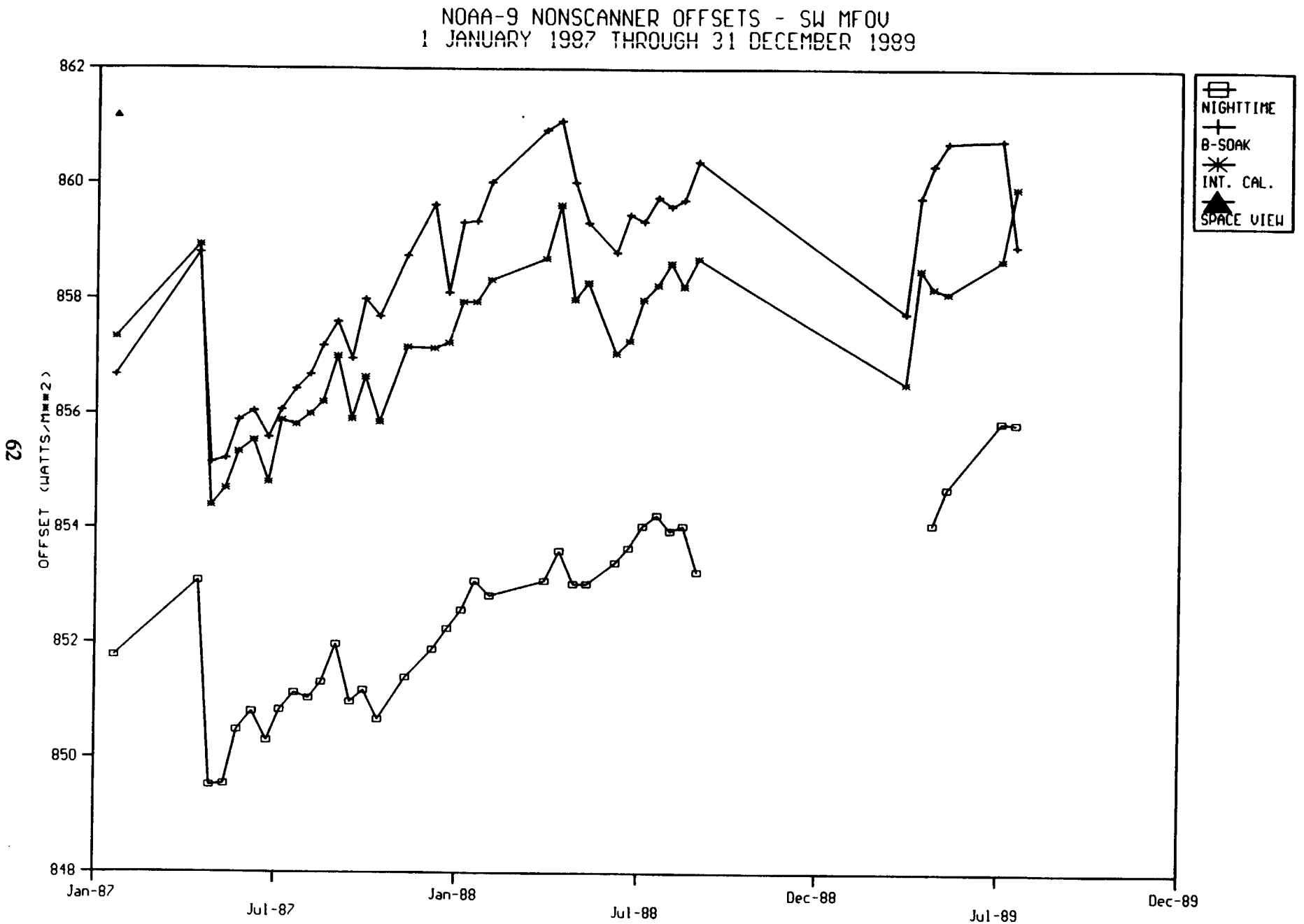
APPENDIX G

NOAA-9 NONSCANNER OFFSET CALIBRATION PLOTS



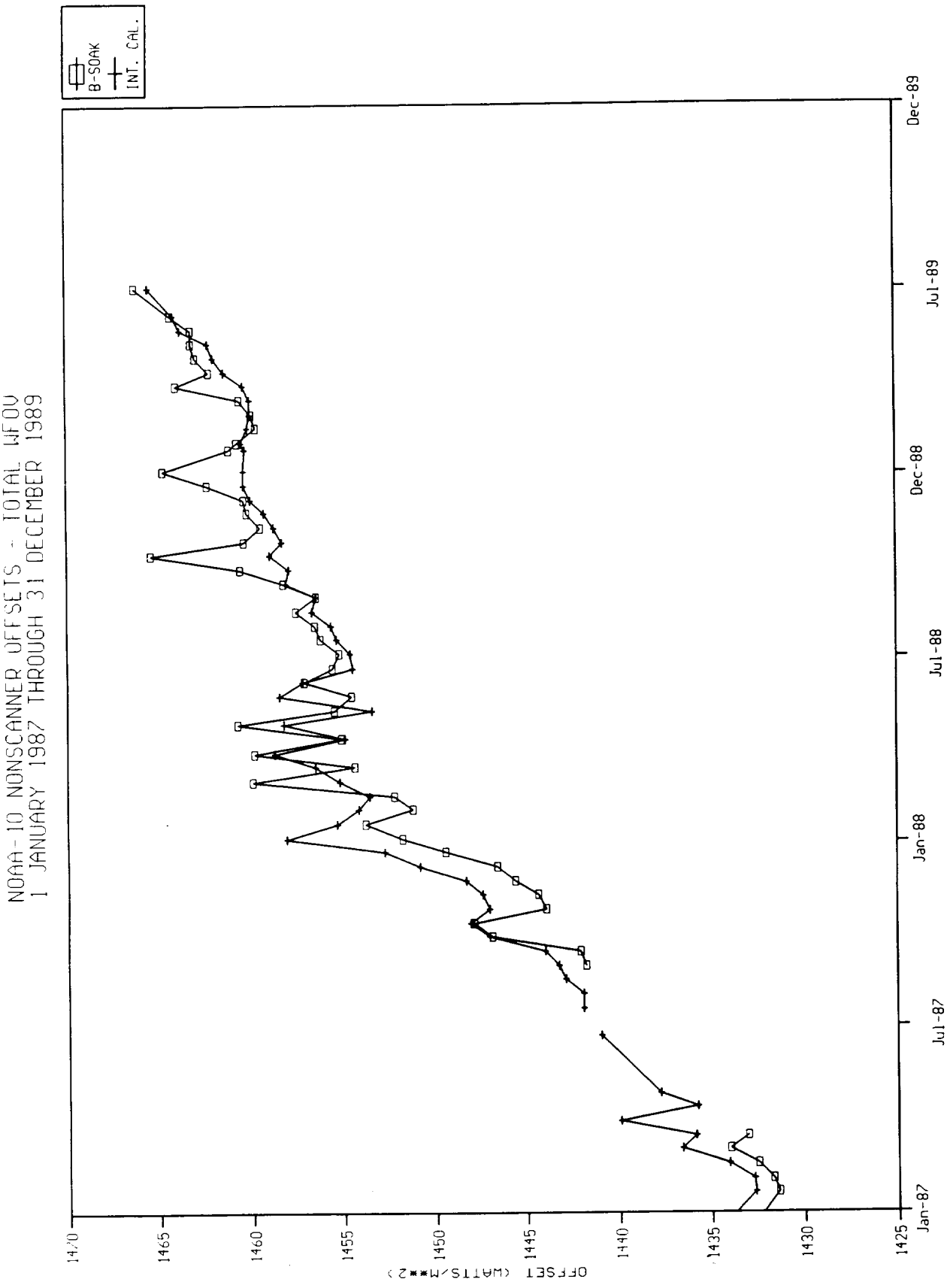

NOAA-9 NONSCANNER OFFSETS - TOTAL MFOV
1 JANUARY 1987 THROUGH 31 DECEMBER 1989
OFFSET (WATTS/M**2)
1140
1120
1100
1080
1060
1040
1020
1000
Jan-87
Jul-87
Jan-88
Jul-88
Dec-88
Jul-89
Dec-89
B-SOAK
INT. CAL.


NOAA-9 NONSCANNER OFFSETS - SW WFOV
1 JANUARY 1987 THROUGH 31 DECEMBER 1989
OFFSET (WATTS/M**2)
1480
1470
1460
1450
1440
1430
1420
1410
Jan-87
Jul-87
Jan-88
Jul-88
Dec-88
Jul-89
Dec-89
NIGHTTIME
B-SOAK
INT. CAL.
SPACE VIEW

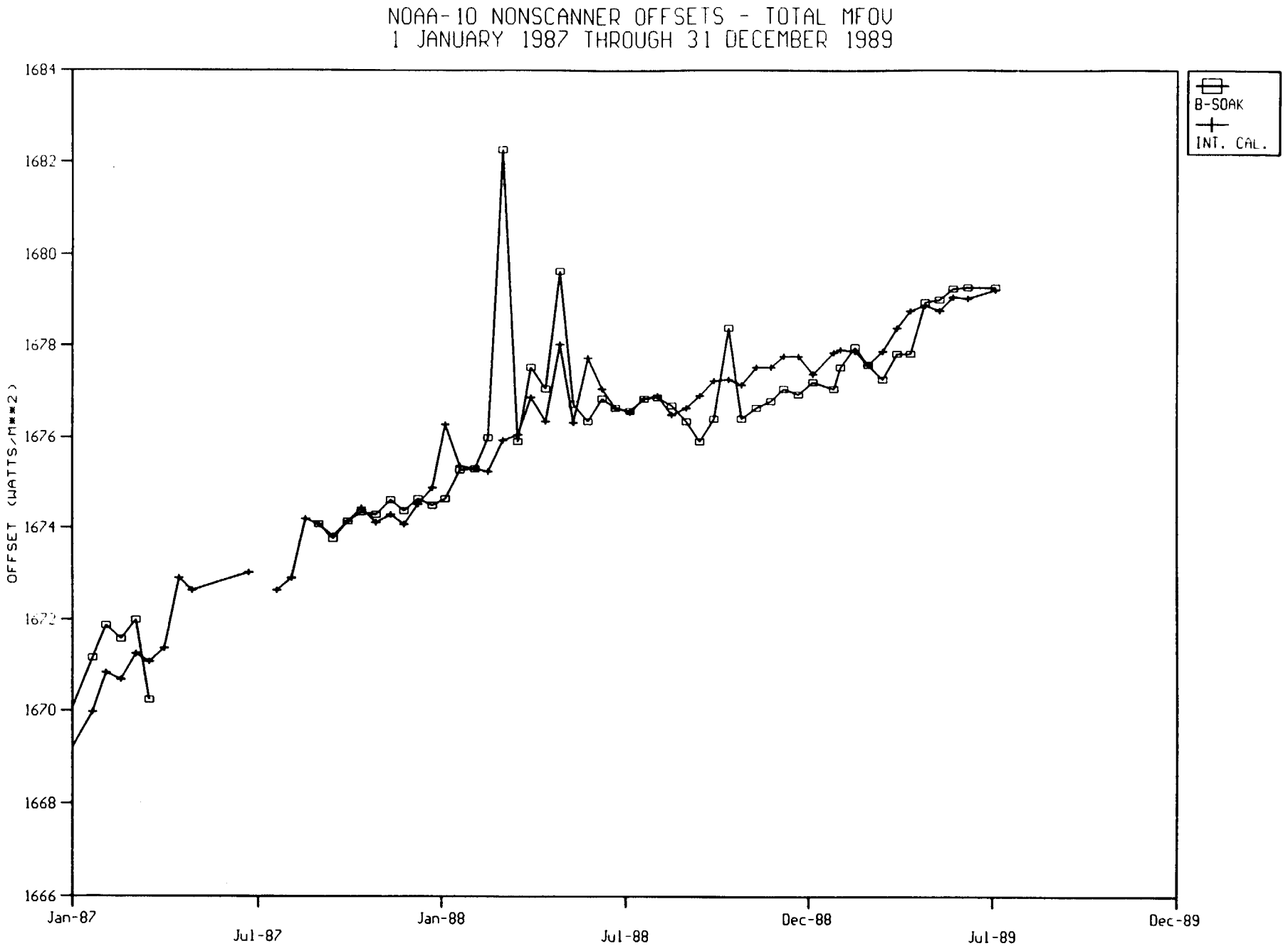

NOAA-9 NONSCANNER OFFSETS - SW MFOV
1 JANUARY 1987 THROUGH 31 DECEMBER 1989
OFFSET (WATTS/M**2)
862
860
858
856
854
852
850
848
Jan-87
Jul-87
Jan-88
Jul-88
Dec-88
Jul-89
Dec-89
NIGHTTIME
B-SOAK
INT. CAL.
SPACE VIEW

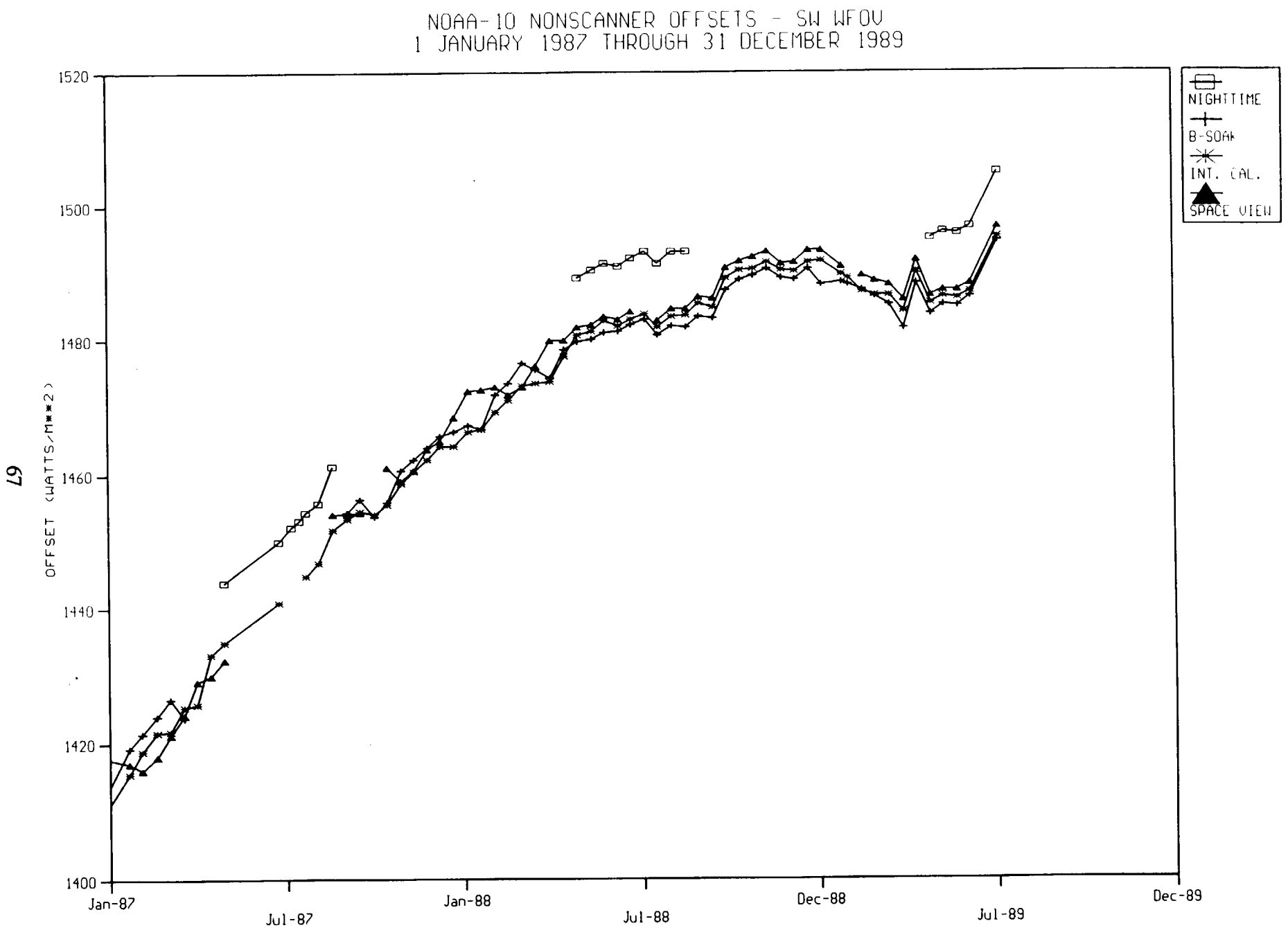
APPENDIX H

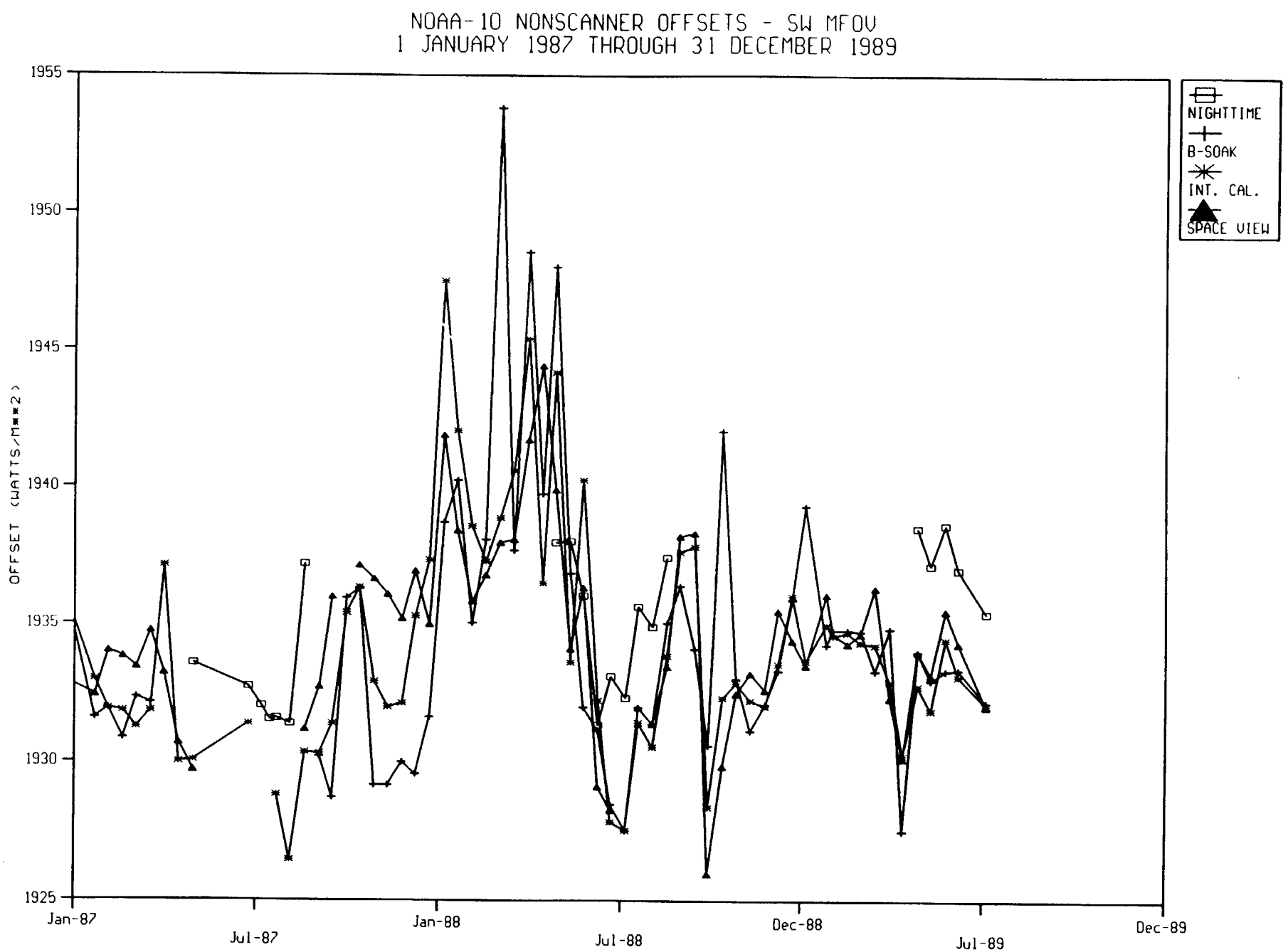
NOAA-10 NONSCANNER OFFSET CALIBRATION PLOTS



PRECEDING PAGE BLANK NOT FILMED


NOAA-10 NONSCANNER OFFSETS - TOTAL MFOV
1 JANUARY 1987 THROUGH 31 DECEMBER 1989
OFFSET (WATTS/M**2)
1684
1682
1680
1678
1676
1674
1672
1670
1668
1666
Jan-87
Jul-87
Jan-88
Jul-88
Dec-88
Jul-89
Dec-89
B-SOAK
INT. CAL.


NOAA-10 NONSCANNER OFFSETS - SW WFOV
1 JANUARY 1987 THROUGH 31 DECEMBER 1989
OFFSET (WATTS/M**2)
1520
1500
1480
1460
1440
1420
1400
Jan-87
Jul-87
Jan-88
Jul-88
Dec-88
Jul-89
Dec-89
NIGHTTIME
B-SOAK
INT. CAL.
SPACE VIEW


NOAA-10 NONSCANNER OFFSETS - SW MFOV
1 JANUARY 1987 THROUGH 31 DECEMBER 1989
OFFSET (WATTS/M**2)
1955
1950
1945
1940
1935
1930
1925
Jan-87
Jul-87
Jan-88
Jul-88
Dec-88
Jul-89
Dec-89
NIGHTTIME
B-SOAK
INT. CAL.
SPACE VIEW

APPENDIX I

ERBS NONSCANNER OFFSETS (Merge)

The terms A_A, A_H, T_A and T_H are defined in the List of Symbols. Note that A_A and A_H are always zero and, therefore, can be dropped from the count conversion equations.

CCC ERBS - 1987 JANUARY

ERBE FLIGHT MODEL ONE (ERBS)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.7873	.0	.0	-1.3968	26.1161		(85/12/06)
MFOV/TOT	-26.5380	.0	.0	-.6674	27.5370	-.03165	(90/03/08)
WFOV/SW	-22.7093	.0	.0	-.9230	25.1276		(85/08/15)
MFOV/SW	-25.6749	.0	.0	1.2295	29.2037	-.03772	(90/03/08)

DAILY B-OFFSET FOR ERBE
FLIGHT MODEL ONE (ERBS) NONSCANNER

ERBS - 1987 JANUARY

DAY	(90/03/30) WFOV/TOT	(90/03/30) MFOV/TOT	(90/03/30) WFOV/SW	(90/03/30) MFOV/SW
1	1706.51	1277.24	1351.04	1034.89
2	1706.56	1277.24	1351.30	1035.31
3	1706.60	1277.24	1351.56	1035.72
4	1706.65	1277.24	1351.83	1036.14
5	1706.69	1277.24	1352.09	1036.55
6	1706.74	1277.24	1352.35	1036.97
7	1706.78	1277.24	1352.61	1037.38
8	1705.88	1277.16	1352.53	1037.16
9	1705.88	1277.08	1352.46	1036.95
10	1705.88	1277.00	1352.38	1036.73
11	1705.88	1276.92	1352.30	1036.51
12	1705.88	1276.84	1352.22	1036.29
13	1705.88	1276.76	1352.15	1036.08
14	1705.88	1276.68	1352.07	1035.86
15	1705.88	1276.59	1351.99	1035.64
16	1705.88	1276.51	1351.92	1035.43
17	1705.88	1276.43	1351.84	1035.21
18	1705.88	1276.35	1351.76	1034.99
19	1705.88	1276.27	1351.68	1034.77
20	1705.88	1276.19	1351.61	1034.56
21	1705.88	1276.11	1351.53	1034.34
22	1706.71	1277.30	1351.61	1034.49
23	1706.71	1277.30	1351.68	1034.64
24	1706.71	1277.30	1351.76	1034.78
25	1706.71	1277.30	1351.83	1034.93
26	1706.71	1277.30	1351.91	1035.08
27	1706.71	1277.30	1351.98	1035.23
28	1706.71	1277.30	1352.06	1035.38
29	1706.71	1277.30	1352.14	1035.52
30	1706.71	1277.30	1352.21	1035.67
31	1706.71	1277.30	1352.29	1035.82
32	1706.71	1277.30	1352.36	1035.97

CCC ERBS - 1987 FEBRUARY

ERBE FLIGHT MODEL ONE (ERBS)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.7873	.0	.0	-1.3968	26.1161		(85/12/06)
MFOV/TOT	-26.5573	.0	.0	-.6679	27.5570	-.03167	(90/03/08)
WFOV/SW	-22.7093	.0	.0	-.9230	25.1276		(85/08/15)
MFOV/SW	-25.6758	.0	.0	1.2295	29.2047	-.03772	(90/03/08)

DAILY B-OFFSET FOR ERBE
FLIGHT MODEL ONE (ERBS) NONSCANNER

ERBS - 1987 FEBRUARY

DAY	(90/03/30) WFOV/TOT	(90/03/30) MFOV/TOT	(90/03/30) WFOV/SW	(90/03/30) MFOV/SW
1	1706.71	1277.30	1352.36	1035.97
2	1706.71	1277.30	1352.44	1036.11
3	1706.71	1277.30	1352.51	1036.26
4	1706.71	1277.30	1352.59	1036.41
5	1706.79	1277.21	1352.62	1036.23
6	1706.86	1277.13	1352.64	1036.05
7	1706.94	1277.04	1352.67	1035.88
8	1707.01	1276.95	1352.70	1035.70
9	1707.09	1276.87	1352.72	1035.52
10	1707.16	1276.78	1352.75	1035.34
11	1707.24	1276.70	1352.77	1035.16
12	1707.31	1276.61	1352.80	1034.98
13	1707.39	1276.52	1352.83	1034.81
14	1707.46	1276.44	1352.85	1034.63
15	1707.54	1276.35	1352.88	1034.45
16	1706.76	1274.88	1352.91	1034.61
17	1706.76	1274.88	1352.93	1034.77
18	1706.76	1274.88	1352.96	1034.93
19	1706.76	1274.88	1352.98	1035.09
20	1706.76	1274.88	1353.01	1035.25
21	1706.76	1274.88	1353.03	1035.41
22	1706.76	1274.88	1353.06	1035.57
23	1706.76	1274.88	1353.08	1035.73
24	1706.76	1274.88	1353.11	1035.89
25	1706.76	1274.88	1353.13	1036.05
26	1706.76	1274.88	1353.16	1036.21
27	1706.74	1275.13	1352.99	1035.13
28	1706.71	1275.39	1352.81	1034.04
29	1706.69	1275.64	1352.64	1032.96
30	1706.67	1275.89	1352.46	1031.88

CCC ERBS - 1987 MARCH

ERBE FLIGHT MODEL ONE (ERBS)
COUNT CONVERSION FOR NON-SCANNER

- COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

- COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.7873	.0	.0	-1.3968	26.1161		(85/12/06)
* WFOV/SW	-26.5804	.0	.0	-.6685	27.5810	-.03170	(90/03/08)
MFOV/TOT	-22.7093	.0	.0	-.9230	25.1276		(85/08/15)
* MFOV/SW	-25.6766	.0	.0	1.2295	29.2056	-.03772	(90/03/08)

* Shortwave coefficients are calculated dynamically during each Merge run. This set applies to March 1987.

DAILY B-OFFSET FOR ERBE CCC ERBS - 87 MARCH
FLIGHT MODEL ONE (ERBS) NONSCANNER

ERBS - 1987 MARCH

DAY	(90/03/09) WFOV/TOT	(90/03/09) MFOV/TOT	(90/03/09) WFOV/SW	(90/03/09) MFOV/SW
1	1706.69	1275.64	1352.64	1032.96
2	1706.67	1275.89	1352.46	1031.88
3	1706.64	1276.15	1352.29	1030.79
4	1706.62	1276.40	1352.11	1029.71
5	1706.61	1276.82	1352.24	1030.18
6	1706.61	1276.82	1352.38	1030.65
7	1706.60	1276.82	1352.51	1031.12
8	1706.60	1276.82	1352.64	1031.58
9	1706.59	1276.82	1352.77	1032.05
10	1706.59	1276.82	1352.91	1032.52
11	1706.58	1276.82	1353.04	1032.99
12	1706.57	1276.82	1353.17	1033.46
13	1706.57	1276.82	1353.31	1033.93
14	1706.56	1276.82	1353.44	1034.40
15	1706.56	1276.82	1353.57	1034.86
16	1706.55	1276.82	1353.70	1035.33
17	1706.55	1276.82	1353.84	1035.80
18	1706.54	1276.82	1353.97	1036.27
19	1706.64	1276.73	1354.04	1036.28
20	1706.74	1276.63	1354.11	1036.28
21	1706.83	1276.54	1354.18	1036.29
22	1706.93	1276.44	1354.25	1036.29
23	1707.03	1276.35	1354.32	1036.30
24	1707.13	1276.25	1354.39	1036.30
25	1707.23	1276.16	1354.46	1036.31
26	1707.32	1276.07	1354.53	1036.31
27	1707.42	1275.97	1354.60	1036.32
28	1707.52	1275.88	1354.67	1036.32
29	1707.62	1275.78	1354.74	1036.33
30	1707.71	1275.69	1354.81	1036.33
31	1707.81	1275.59	1354.88	1036.34
32	1707.91	1275.50	1354.95	1036.34

CCC ERBS - 1987 APRIL

ERBE FLIGHT MODEL ONE (ERBS)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.7873	.0	.0	-1.3968	26.1161		(85/12/06)
MFOV/TOT	-26.6005	.0	.0	-.6690	27.6018	-.03172	(90/03/08)
WFOV/SW	-22.7093	.0	.0	-.9230	25.1276		(85/08/15)
MFOV/SW	-25.6771	.0	.0	1.2296	29.2062	-.03772	(90/03/09)

DAILY B-OFFSET FOR ERBE
FLIGHT MODEL ONE (ERBS) NONSCANNER

ERBS - 1987 APRIL

DAY	(90/03/29) WFOV/TOT	(90/03/29) MFOV/TOT	(90/03/29) WFOV/SW	(90/03/29) MFOV/SW
1	1707.91	1275.50	1355.52	1031.71
2	1706.79	1275.79	1355.50	1032.12
3	1706.79	1275.79	1355.48	1032.52
4	1706.79	1275.79	1355.46	1032.93
5	1706.79	1275.79	1355.44	1033.34
6	1706.79	1275.79	1355.42	1033.75
7	1706.79	1275.79	1355.40	1034.15
8	1706.79	1275.79	1355.38	1034.56
9	1706.79	1275.79	1355.35	1034.97
10	1706.79	1275.79	1355.33	1035.37
11	1706.79	1275.79	1355.31	1035.78
12	1706.79	1275.79	1355.29	1036.19
13	1706.79	1275.79	1355.27	1036.60
14	1706.79	1275.79	1355.25	1037.00
15	1706.79	1275.79	1355.23	1037.41
16	1706.86	1275.82	1355.29	1037.39
17	1706.92	1275.86	1355.35	1037.37
18	1706.99	1275.89	1355.42	1037.35
19	1707.06	1275.92	1355.48	1037.33
20	1707.13	1275.95	1355.54	1037.31
21	1707.19	1275.99	1355.60	1037.29
22	1707.26	1276.02	1355.67	1037.27
23	1707.33	1276.05	1355.73	1037.24
24	1707.39	1276.09	1355.79	1037.22
25	1707.46	1276.12	1355.85	1037.20
26	1707.53	1276.15	1355.91	1037.18
27	1707.60	1276.18	1355.98	1037.16
28	1707.66	1276.22	1356.04	1037.14
29	1707.73	1276.25	1356.10	1037.12
30	1707.27	1276.24	1356.11	1037.19
31	1707.27	1276.22	1356.13	1037.26

CCC ERBS - 1987 MAY

ERBE FLIGHT MODEL ONE (ERBS)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.7873	.0	.0	-1.3968	26.1161		(85/12/06)
MFOV/TOT	-26.6197	.0	.0	-.6695	27.6217	-.03175	(90/03/08)
WFOV/SW	-22.7093	.0	.0	-.9230	25.1276		(85/08/15)
MFOV/SW	-25.6773	.0	.0	1.2296	29.2064	-.03772	(90/03/08)

DAILY B-OFFSET FOR ERBE
FLIGHT MODEL ONE (ERBS) NONSCANNER

ERBS - 1987 MAY

DAY	(90/03/29) WFOV/TOT	(90/03/29) MFOV/TOT	(90/03/29) WFOV/SW	(90/03/29) MFOV/SW
1	1707.27	1276.22	1356.13	1037.26
2	1707.27	1276.21	1356.14	1037.33
3	1707.27	1276.19	1356.15	1037.40
4	1707.27	1276.18	1356.16	1037.47
5	1707.27	1276.16	1356.18	1037.54
6	1707.27	1276.15	1356.19	1037.61
7	1707.27	1276.14	1356.20	1037.68
8	1707.27	1276.12	1356.22	1037.75
9	1707.27	1276.11	1356.23	1037.82
10	1707.27	1276.09	1356.24	1037.89
11	1707.27	1276.08	1356.25	1037.96
12	1707.27	1276.06	1356.27	1038.03
13	1707.27	1276.05	1356.28	1038.10
14	1707.55	1276.14	1356.29	1038.08
15	1707.55	1276.23	1356.31	1038.05
16	1707.55	1276.32	1356.32	1038.03
17	1707.55	1276.41	1356.34	1038.00
18	1707.55	1276.50	1356.35	1037.98
19	1707.55	1276.59	1356.37	1037.95
20	1707.55	1276.68	1356.38	1037.93
21	1707.55	1276.76	1356.39	1037.91
22	1707.55	1276.85	1356.41	1037.88
23	1707.55	1276.94	1356.42	1037.86
24	1707.55	1277.03	1356.44	1037.83
25	1707.55	1277.12	1356.45	1037.81
26	1707.55	1277.21	1356.47	1037.78
27	1707.55	1277.30	1356.48	1037.76
28	1707.70	1277.11	1356.53	1037.62
29	1707.70	1276.93	1356.58	1037.47
30	1707.70	1276.74	1356.63	1037.33
31	1707.70	1276.55	1356.68	1037.19
32	1707.70	1276.36	1356.73	1037.05

CCC ERBS - 1987 JUNE

ERBE FLIGHT MODEL ONE (ERBS)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.7873	.0	.0	-1.3968	26.1161		(85/12/06)
MFOV/TOT	-26.6431	.0	.0	-.6701	27.6461	-.03178	(90/03/08)
WFOV/SW	-22.7093	.0	.0	-.9230	25.1276		(85/08/15)
MFOV/SW	-25.6772	.0	.0	1.2296	29.2063	-.03772	(90/03/08)

DAILY B-OFFSET FOR ERBE
FLIGHT MODEL ONE (ERBS) NONSCANNER

ERBS - 1987 JUNE

DAY	(90/04/11) WFOV/TOT	(90/04/11) MFOV/TOT	(90/04/11) WFOV/SW	(90/04/11) MFOV/SW
1	1707.70	1276.36	1356.73	1037.05
2	1707.70	1276.18	1356.78	1036.90
3	1707.70	1275.99	1356.83	1036.76
4	1707.72	1275.99	1356.85	1036.60
5	1707.73	1275.99	1356.86	1036.43
6	1707.75	1275.99	1356.88	1036.27
7	1707.77	1275.98	1356.89	1036.10
8	1707.78	1275.98	1356.91	1035.94
9	1707.80	1275.98	1356.92	1035.78
10	1707.82	1275.98	1356.94	1035.61
11	1707.83	1275.98	1356.95	1035.45
12	1707.85	1275.98	1356.97	1035.28
13	1707.87	1275.98	1356.98	1035.12
14	1707.88	1275.98	1357.00	1034.96
15	1707.90	1275.97	1357.01	1034.79
16	1707.92	1275.97	1357.03	1034.63
17	1707.93	1275.97	1357.04	1034.46
18	1707.95	1275.97	1357.06	1034.30
19	1707.86	1276.05	1356.91	1034.50
20	1707.77	1276.12	1356.76	1034.69
21	1707.69	1276.20	1356.61	1034.89
22	1707.60	1276.28	1356.46	1035.08
23	1707.51	1276.35	1356.31	1035.28
24	1707.42	1276.43	1356.16	1035.47
25	1707.42	1276.43	1356.49	1035.84
26	1707.42	1276.43	1356.81	1036.22
27	1707.42	1276.43	1357.14	1036.59
28	1707.42	1276.43	1357.46	1036.97
29	1707.42	1276.43	1357.79	1037.34
30	1707.42	1276.43	1358.11	1037.72
31	1707.42	1276.43	1358.44	1038.09

CCC ERBS - 1987 JULY

ERBE FLIGHT MODEL ONE (ERBS)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.7873	.0	.0	-1.3968	26.1161		(85/12/06)
MFOV/TOT	-26.6635	.0	.0	-.6706	27.6672	-.03180	(88/10/21)
WFOV/SW	-22.7093	.0	.0	-.9230	25.1276		(85/08/15)
MFOV/SW	-25.6717	.0	.0	1.2293	29.2001	-.03771	(88/10/21)

DAILY B-OFFSET FOR ERBE
FLIGHT MODEL ONE (ERBS) NONSCANNER

ERBS - 1987 JULY

DAY	(88/11/15) WFOV/TOT	(88/11/15) MFOV/TOT	(88/10/21) WFOV/SW	(88/10/21) MFOV/SW
1	1708.56	1277.65	1358.44	1038.09
2	.00	.00	.00	.00
3	.00	.00	.00	.00
4	1704.51	1268.49	1347.50	1000.91
5	1704.51	1268.49	1347.70	1001.50
6	1704.51	1268.49	1347.89	1002.10
7	1704.51	1268.49	1348.09	1002.69
8	1704.51	1268.49	1348.28	1003.28
9	1705.29	1269.51	1349.67	1005.10
10	1705.07	1269.06	1349.38	1006.17
11	1705.32	1269.07	1349.33	1005.83
12	1705.32	1269.08	1349.28	1005.49
13	1705.32	1269.09	1349.22	1005.15
14	1705.32	1269.10	1349.17	1004.81
15	1705.32	1269.11	1349.12	1004.47
16	1705.32	1269.12	1349.07	1004.12
17	1705.32	1269.14	1349.02	1003.78
18	1705.32	1269.15	1348.97	1003.44
19	1705.32	1269.16	1348.91	1003.10
20	1705.32	1269.17	1348.86	1002.76
21	1705.32	1269.18	1348.81	1002.42
22	1705.32	1269.19	1348.76	1002.08
23	1705.34	1269.32	1348.89	1002.28
24	1705.36	1269.46	1349.02	1002.49
25	1705.39	1269.59	1349.15	1002.69
26	1705.41	1269.73	1349.27	1002.90
27	1705.43	1269.86	1349.40	1003.10
28	1705.45	1270.00	1349.53	1003.31
29	1705.47	1270.13	1349.66	1003.51
30	1705.50	1270.26	1349.79	1003.71
31	1705.52	1270.40	1349.92	1003.92
32	1705.54	1270.53	1350.05	1004.12

CCC ERBS - 1987 AUGUST

ERBE FLIGHT MODEL ONE (ERBS)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.7873	.0	.0	-1.3968	26.1161		(85/12/06)
MFOV/TOT	-26.6792	.0	.0	-.6710	27.6835	-.03182	(90/03/08)
WFOV/SW	-22.7093	.0	.0	-.9230	25.1276		(85/08/15)
MFOV/SW	-25.6761	.0	.0	1.2295	29.2050	-.03772	(90/03/08)

DAILY B-OFFSET FOR ERBE
FLIGHT MODEL ONE (ERBS) NONSCANNER

ERBS - 1987 AUGUST

DAY	(90/05/17) WFOV/TOT	(90/05/17) MFOV/TOT	(90/05/17) WFOV/SW	(90/05/17) MFOV/SW
1	1705.54	1270.55	1349.58	1004.18
2	1705.56	1270.68	1349.70	1004.38
3	1705.59	1270.81	1349.81	1004.58
4	1705.61	1270.95	1349.93	1004.77
5	1705.63	1271.08	1350.04	1004.97
6	1705.43	1270.70	1349.83	1004.57
7	1705.24	1270.32	1349.61	1004.18
8	1705.04	1269.94	1349.40	1003.78
9	1704.85	1269.56	1349.18	1003.38
10	1704.65	1269.18	1348.97	1002.98
11	1704.46	1268.80	1348.75	1002.59
12	1704.26	1268.42	1348.54	1002.19
13	1704.62	1268.61	1348.74	1002.09
14	1704.98	1268.79	1348.94	1001.98
15	1705.35	1268.98	1349.13	1001.88
16	1705.71	1269.16	1349.33	1001.77
17	1706.07	1269.35	1349.53	1001.67
18	1706.15	1269.47	1349.55	1002.33
19	1706.23	1269.58	1349.58	1002.99
20	1706.31	1269.70	1349.60	1003.66
21	1706.39	1269.81	1349.62	1004.32
22	1706.47	1269.93	1349.65	1004.98
23	1706.55	1270.04	1349.67	1005.64
24	1706.63	1270.16	1349.70	1006.30
25	1706.71	1270.27	1349.72	1006.96
26	1706.79	1270.39	1349.74	1007.63
27	1706.87	1270.50	1349.77	1008.29
28	1706.95	1270.62	1349.79	1008.95
29	1706.97	1270.77	1349.89	1008.91
30	1706.99	1270.93	1349.98	1008.86
31	1707.01	1271.08	1350.08	1008.82
32	1707.03	1271.24	1350.17	1008.77

CCC ERBS - 1987 SEPTEMBER

ERBE FLIGHT MODEL ONE (ERBS)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.7873	.0	.0	-1.3968	26.1161		(85/12/06)
MFOV/TOT	-26.6958	.0	.0	-.6714	27.7008	-.03184	(90/03/08)
WFOV/SW	-22.7093	.0	.0	-.9230	25.1276		(85/08/15)
MFOV/SW	-25.6751	.0	.0	1.2295	29.2039	-.03772	(90/03/08)

DAILY B-OFFSET FOR ERBE
FLIGHT MODEL ONE (ERBS) NONSCANNER

ERBS - 1987 SEPTEMBER

DAY	(90/05/17) WFOV/TOT	(90/05/17) MFOV/TOT	(90/05/17) WFOV/SW	(90/05/17) MFOV/SW
1	1707.03	1271.24	1350.17	1008.77
2	1707.05	1271.39	1350.27	1008.73
3	1707.07	1271.55	1350.37	1008.68
4	1707.09	1271.70	1350.46	1008.64
5	1707.1i	1271.85	1350.56	1008.59
6	1707.13	1272.01	1350.65	1008.55
7	1707.15	1272.16	1350.75	1008.50
8	1707.17	1272.32	1350.84	1008.46
9	1707.19	1272.47	1350.94	1008.41
10	1707.11	1272.30	1351.13	1008.52
11	1707.02	1272.14	1351.31	1008.62
12	1706.94	1271.97	1351.50	1008.73
13	1706.86	1271.80	1351.68	1008.83
14	1706.78	1271.63	1351.87	1008.94
15	1706.69	1271.47	1352.05	1009.04
16	1706.61	1271.30	1352.24	1009.15
17	1706.63	1271.17	1352.27	1008.88
18	1706.65	1271.05	1352.29	1008.61
19	1706.67	1270.92	1352.32	1008.34
20	1706.69	1270.80	1352.35	1008.08
21	1706.71	1270.67	1352.37	1007.81
22	1706.73	1270.55	1352.40	1007.54
23	1706.75	1270.42	1352.43	1007.27
24	1706.76	1270.29	1352.45	1007.00
25	1706.78	1270.17	1352.48	1006.73
26	1706.80	1270.04	1352.50	1006.46
27	1706.82	1269.92	1352.53	1006.20
28	1706.84	1269.79	1352.56	1005.93
29	1706.86	1269.67	1352.58	1005.66
30	1706.88	1269.54	1352.61	1005.39
31	1706.83	1269.61	1352.60	1005.76

CCC ERBS - 1987 OCTOBER

ERBE FLIGHT MODEL ONE (ERBS)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.7873	.0	.0	-1.3968	26.1161		(85/12/06)
MFOV/TOT	-26.7105	.0	.0	-.6718	27.7160	-.03186	(90/03/08)
WFOV/SW	-22.7093	.0	.0	-.9230	25.1276		(85/08/15)
MFOV/SW	-25.6739	.0	.0	1.2294	29.2025	-.03772	(90/03/08)

DAILY B-OFFSET FOR ERBE
FLIGHT MODEL ONE (ERBS) NONSCANNER

ERBS - 1987 OCTOBER

DAY	(90/04/23) WFOV/TOT	(90/04/23) MFOV/TOT	(90/04/23) WFOV/SW	(90/04/23) MFOV/SW
1	1706.83	1269.61	1352.60	1005.76
2	1706.78	1269.68	1352.58	1006.13
3	1706.72	1269.75	1352.57	1006.49
4	1706.67	1269.82	1352.56	1006.86
5	1706.62	1269.89	1352.54	1007.23
6	1706.57	1269.96	1352.53	1007.60
7	1706.52	1270.03	1352.52	1007.97
8	1706.46	1270.10	1352.50	1008.33
9	1706.41	1270.17	1352.49	1008.70
10	1706.36	1270.24	1352.47	1009.07
11	1706.31	1270.31	1352.46	1009.44
12	1706.25	1270.38	1352.45	1009.80
13	1706.20	1270.45	1352.43	1010.17
14	1706.15	1270.52	1352.42	1010.54
15	1706.16	1270.53	1352.44	1010.23
16	1706.17	1270.54	1352.47	1009.91
17	1706.17	1270.55	1352.49	1009.60
18	1706.18	1270.56	1352.52	1009.28
19	1706.19	1270.57	1352.54	1008.97
20	1706.20	1270.58	1352.57	1008.65
21	1706.21	1270.59	1352.59	1008.34
22	1706.21	1270.59	1352.61	1008.03
23	1706.22	1270.60	1352.64	1007.71
24	1706.23	1270.61	1352.66	1007.40
25	1706.24	1270.62	1352.69	1007.08
26	1706.24	1270.63	1352.71	1006.77
27	1706.25	1270.64	1352.74	1006.45
28	1706.26	1270.65	1352.76	1006.14
29	1706.29	1270.69	1352.77	1006.21
30	1706.31	1270.72	1352.78	1006.28
31	1706.34	1270.76	1352.80	1006.34
32	1706.37	1270.80	1352.81	1006.41

CCC ERBS - 1987 NOVEMBER

ERBE FLIGHT MODEL ONE (ERBS)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.7873	.0	.0	-1.3968	26.1161		(85/12/06)
MFOV/TOT	-26.7243	.0	.0	-.6721	27.7303	-.03187	(90/03/08)
WFOV/SW	-22.7093	.0	.0	-.9230	25.1276		(85/08/15)
MFOV/SW	-25.6724	.0	.0	1.2293	29.2008	-.03771	(90/03/08)

DAILY B-OFFSET FOR ERBE
FLIGHT MODEL ONE (ERBS) NONSCANNER

ERBS - 1987 NOVEMBER

DAY	(90/05/22) WFOV/TOT	(90/05/22) MFOV/TOT	(90/05/22) WFOV/SW	(90/05/22) MFOV/SW
1	1706.37	1270.80	1352.81	1006.41
2	1706.39	1270.83	1352.82	1006.48
3	1706.42	1270.87	1352.83	1006.55
4	1706.45	1270.91	1352.85	1006.62
5	1706.47	1270.94	1352.86	1006.68
6	1706.50	1270.98	1352.87	1006.75
7	1706.52	1271.01	1352.88	1006.82
8	1706.55	1271.05	1352.89	1006.89
9	1706.58	1271.09	1352.91	1006.95
10	1706.60	1271.12	1352.92	1007.02
11	1706.63	1271.16	1352.93	1007.09
12	1706.62	1271.13	1353.01	1007.33
13	1706.61	1271.10	1353.10	1007.58
14	1706.60	1271.07	1353.18	1007.82
15	1706.59	1271.04	1353.26	1008.07
16	1706.58	1271.01	1353.35	1008.31
17	1706.57	1270.98	1353.43	1008.56
18	1706.56	1270.95	1353.52	1008.80
19	1706.54	1270.92	1353.60	1009.04
20	1706.53	1270.89	1353.68	1009.29
21	1706.52	1270.86	1353.77	1009.53
22	1706.51	1270.83	1353.85	1009.78
23	1706.50	1270.80	1353.93	1010.02
24	1706.49	1270.77	1354.02	1010.27
25	1706.48	1270.74	1354.10	1010.51
26	1706.46	1270.53	1353.97	1009.92
27	1706.44	1270.32	1353.85	1009.33
28	1706.42	1270.11	1353.72	1008.73
29	1706.41	1269.91	1353.60	1008.14
30	1706.39	1269.70	1353.47	1007.55
31	1706.37	1269.49	1353.34	1006.96

CCC ERBS - 1987 DECEMBER

ERBE FLIGHT MODEL ONE (ERBS)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.7873	.0	.0	-1.3968	26.1161		(85/12/06)
MFOV/TOT	-26.7413	.0	.0	-.6725	27.7479	-.03189	(90/03/08)
WFOV/SW	-22.7093	.0	.0	-.9230	25.1276		(85/08/15)
MFOV/SW	-25.6700	.0	.0	1.2292	29.1982	-.03771	(90/03/08)

DAILY B-OFFSET FOR ERBE
FLIGHT MODEL ONE (ERBS) NONSCANNER

ERBS - 1987 DECEMBER

DAY	(90/05/22) WFOV/TOT	(90/05/22) MFOV/TOT	(90/05/22) WFOV/SW	(90/05/22) MFOV/SW
1	1706.37	1269.49	1353.34	1006.96
2	1706.35	1269.28	1353.22	1006.36
3	1706.33	1269.07	1353.09	1005.77
4	1706.36	1269.12	1353.08	1005.98
5	1706.40	1269.18	1353.07	1006.19
6	1706.43	1269.23	1353.06	1006.40
7	1706.46	1269.28	1353.04	1006.62
8	1706.50	1269.33	1353.03	1006.83
9	1706.53	1269.39	1353.02	1007.04
10	1706.56	1269.44	1353.01	1007.25
11	1706.60	1269.49	1353.00	1007.46
12	1706.63	1269.54	1352.99	1007.67
13	1706.66	1269.60	1352.98	1007.88
14	1706.70	1269.65	1352.97	1008.09
15	1706.73	1269.70	1352.95	1008.31
16	1706.76	1269.75	1352.94	1008.52
17	1706.80	1269.81	1352.93	1008.73
18	1706.83	1269.86	1352.92	1008.94
19	1706.77	1270.03	1353.01	1009.43
20	1706.72	1270.21	1353.10	1009.92
21	1706.66	1270.38	1353.19	1010.40
22	1706.61	1270.56	1353.28	1010.89
23	1706.55	1270.73	1353.37	1011.38
24	1706.60	1270.84	1353.56	1011.51
25	1706.65	1270.95	1353.74	1011.65
26	1706.71	1271.06	1353.93	1011.78
27	1706.76	1271.17	1354.11	1011.91
28	1706.81	1271.28	1354.30	1012.05
29	1706.86	1271.39	1354.48	1012.18
30	1706.92	1271.50	1354.67	1012.32
31	1706.97	1271.60	1354.86	1012.45
32	1707.02	1271.71	1355.04	1012.58

CCC ERBS - 1988 JANUARY

ERBE FLIGHT MODEL ONE (ERBS)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.7873	.0	.0	-1.3968	26.1161		(85/12/06)
MFOV/TOT	-26.6996	.0	.0	-.6715	27.7046	-.03184	(90/08/07)
WFOV/SW	-22.7093	.0	.0	-.9230	25.1276		(85/08/15)
MFOV/SW	-25.6500	.0	.0	1.2283	29.1754	-.03768	(90/08/07)

DAILY B-OFFSET FOR ERBE
FLIGHT MODEL ONE (ERBS) NONSCANNER

ERBS - 1988 JANUARY

DAY	(90/09/05) WFOV/TOT	(90/09/05) MFOV/TOT	(90/09/05) WFOV/SW	(90/09/05) MFOV/SW
1	1707.02	1271.71	1352.06	1011.86
2	1707.07	1271.82	1352.26	1011.99
3	1707.12	1271.93	1352.45	1012.13
4	1707.18	1272.04	1352.64	1012.26
5	1707.23	1272.15	1352.84	1012.40
6	1707.28	1272.26	1353.03	1012.53
7	1707.21	1272.19	1352.92	1012.24
8	1707.14	1272.12	1352.82	1011.95
9	1707.07	1272.04	1352.71	1011.66
10	1707.00	1271.97	1352.60	1011.37
11	1706.93	1271.90	1352.50	1011.08
12	1706.86	1271.83	1352.39	1010.79
13	1706.80	1271.76	1352.29	1010.50
14	1706.73	1271.68	1352.18	1010.20
15	1706.66	1271.61	1352.07	1009.91
16	1706.59	1271.54	1351.97	1009.62
17	1706.52	1271.47	1351.86	1009.33
18	1706.45	1271.39	1351.75	1009.04
19	1706.38	1271.32	1351.65	1008.75
20	1706.31	1271.25	1351.54	1008.46
21	1706.32	1271.24	1351.65	1008.69
22	1706.33	1271.22	1351.75	1008.91
23	1706.34	1271.21	1351.86	1009.14
24	1706.35	1271.20	1351.97	1009.36
25	1706.36	1271.19	1352.08	1009.59
26	1706.37	1271.17	1352.18	1009.81
27	1706.38	1271.16	1352.29	1010.04
28	1706.38	1271.15	1352.40	1010.26
29	1706.39	1271.13	1352.50	1010.49
30	1706.40	1271.12	1352.61	1010.71
31	1706.41	1271.11	1352.72	1010.94
32	1706.42	1271.10	1352.83	1011.16

CCC ERBS - 1988 FEBRUARY

ERBE FLIGHT MODEL ONE (ERBS)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.7873	.0	.0	-1.3968	26.1161		(85/12/06)
MFOV/TOT	-26.7137	.0	.0	-.6719	27.7193	-.03186	(90/08/07)
WFOV/SW	-22.7093	.0	.0	-.9230	25.1276		(85/08/15)
MFOV/SW	-25.6489	.0	.0	1.2282	29.1741	-.03768	(90/08/07)

DAILY B-OFFSET FOR ERBE
FLIGHT MODEL ONE (ERBS) NONSCANNER

ERBS - 1988 FEBRUARY

DAY	(90/09/13) WFOV/TOT	(90/09/13) MFOV/TOT	(90/09/13) WFOV/SW	(90/09/13) MFOV/SW
1	1706.42	1271.10	1352.83	1011.16
2	1706.43	1271.08	1352.93	1011.39
3	1706.44	1271.07	1353.04	1011.61
4	1706.46	1270.92	1353.03	1011.26
5	1706.48	1270.76	1353.02	1010.92
6	1706.51	1270.61	1353.02	1010.57
7	1706.53	1270.45	1353.01	1010.22
8	1706.55	1270.30	1353.00	1009.87
9	1706.57	1270.14	1352.99	1009.53
10	1706.59	1269.99	1352.98	1009.18
11	1706.61	1269.83	1352.97	1008.83
12	1706.64	1269.68	1352.97	1008.48
13	1706.66	1269.52	1352.96	1008.14
14	1706.68	1269.37	1352.95	1007.79
15	1706.75	1269.46	1352.96	1007.47
16	1706.82	1269.55	1352.97	1007.14
17	1706.90	1269.64	1352.97	1006.82
18	1706.97	1269.73	1352.98	1006.49
19	1707.04	1269.82	1352.99	1006.17
20	1707.11	1269.90	1353.00	1005.84
21	1707.18	1269.99	1353.01	1005.52
22	1707.25	1270.08	1353.02	1005.19
23	1707.33	1270.17	1353.02	1004.87
24	1707.40	1270.26	1353.03	1004.54
25	1707.47	1270.35	1353.04	1004.22
26	1707.41	1270.59	1352.96	1005.15
27	1707.35	1270.83	1352.88	1006.07
28	1707.29	1271.07	1352.80	1007.00
29	1707.23	1271.30	1352.71	1007.93
30	1707.17	1271.54	1352.63	1008.85

CCC ERBS - 1988 MARCH

ERBE FLIGHT MODEL ONE (ERBS)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.7873	.0	.0	-1.3968	26.1161		(85/12/06)
MFOV/TOT	-26.7307	.0	.0	-.6723	27.7369	-.03188	(90/08/07)
WFOV/SW	-22.7093	.0	.0	-.9230	25.1276		(85/08/15)
MFOV/SW	-25.6473	.0	.0	1.2281	29.1723	-.03768	(90/08/07)

DAILY B-OFFSET FOR ERBE
FLIGHT MODEL ONE (ERBS) NONSCANNER

ERBS - 1988 MARCH

DAY	(90/09/13) WFOV/TOT	(90/09/13) MFOV/TOT	(90/09/13) WFOV/SW	(90/09/13) MFOV/SW
1	1707.17	1271.54	1352.63	1008.85
2	1707.11	1271.78	1352.55	1009.78
3	1707.14	1271.85	1352.68	1009.92
4	1707.17	1271.92	1352.81	1010.05
5	1707.19	1271.99	1352.94	1010.19
6	1707.22	1272.06	1353.07	1010.33
7	1707.25	1272.13	1353.20	1010.46
8	1707.28	1272.20	1353.33	1010.60
9	1707.31	1272.28	1353.46	1010.74
10	1707.33	1272.35	1353.59	1010.87
11	1707.36	1272.42	1353.72	1011.01
12	1707.39	1272.49	1353.85	1011.14
13	1707.42	1272.56	1353.98	1011.28
14	1707.44	1272.63	1354.11	1011.42
15	1707.47	1272.70	1354.24	1011.55
16	1707.50	1272.77	1354.37	1011.69
17	1707.52	1272.63	1354.44	1011.42
18	1707.55	1272.49	1354.50	1011.16
19	1707.57	1272.35	1354.57	1010.89
20	1707.59	1272.21	1354.64	1010.63
21	1707.62	1272.07	1354.71	1010.36
22	1707.64	1271.93	1354.77	1010.10
23	1707.67	1271.80	1354.84	1009.83
24	1707.69	1271.66	1354.91	1009.56
25	1707.71	1271.52	1354.97	1009.30
26	1707.74	1271.38	1355.04	1009.03
27	1707.76	1271.24	1355.11	1008.77
28	1707.78	1271.10	1355.18	1008.50
29	1707.81	1270.96	1355.24	1008.24
30	1707.83	1270.82	1355.31	1007.97
31	1707.84	1270.98	1355.30	1008.44
32	1707.86	1271.15	1355.29	1008.92

CCC ERBS - 1988 APRIL

ERBE FLIGHT MODEL ONE (ERBS)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.7873	.0	.0	-1.3968	26.1161		(85/12/06)
MFOV/TOT	-26.7455	.0	.0	-.6727	27.7523	-.03190	(90/08/07)
WFOV/SW	-22.7093	.0	.0	-.9230	25.1276		(85/08/15)
MFOV/SW	-25.6456	.0	.0	1.2281	29.1704	-.03767	(90/08/07)

DAILY B-OFFSET FOR ERBE
FLIGHT MODEL ONE (ERBS) NONSCANNER

ERBS - 1988 APRIL

DAY	(90/09/06) WFOV/TOT	(90/09/06) MFOV/TOT	(90/09/06) WFOV/SW	(90/09/06) MFOV/SW
1	1707.86	1271.15	1355.29	1008.92
2	1707.87	1271.31	1355.27	1009.39
3	1707.88	1271.47	1355.26	1009.86
4	1707.90	1271.63	1355.25	1010.34
5	1707.91	1271.80	1355.24	1010.81
6	1707.93	1271.96	1355.23	1011.29
7	1707.94	1272.12	1355.21	1011.76
8	1707.95	1272.29	1355.20	1012.23
9	1707.97	1272.45	1355.19	1012.71
10	1707.98	1272.61	1355.18	1013.18
11	1707.99	1272.77	1355.16	1013.65
12	1708.01	1272.94	1355.15	1014.13
13	1708.02	1273.10	1355.14	1014.60
14	1707.99	1273.01	1355.19	1014.47
15	1707.95	1272.92	1355.24	1014.34
16	1707.92	1272.82	1355.29	1014.22
17	1707.88	1272.73	1355.34	1014.09
18	1707.85	1272.64	1355.39	1013.96
19	1707.81	1272.55	1355.44	1013.83
20	1707.78	1272.46	1355.49	1013.71
21	1707.74	1272.36	1355.54	1013.58
22	1707.71	1272.27	1355.59	1013.45
23	1707.67	1272.18	1355.64	1013.32
24	1707.64	1272.09	1355.69	1013.19
25	1707.60	1271.99	1355.74	1013.07
26	1707.57	1271.90	1355.79	1012.94
27	1707.53	1271.81	1355.84	1012.81
28	1707.51	1271.79	1355.82	1012.85
29	1707.48	1271.76	1355.80	1012.89
30	1707.46	1271.74	1355.78	1012.93
31	1707.44	1271.72	1355.76	1012.97

C-2

CCC ERBS - 1988 MAY

ERBE FLIGHT MODEL ONE (ERBS)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.7873	.0	.0	-1.3968	26.1161		(85/12/06)
MFOV/TOT	-26.7597	.0	.0	-.6730	27.7670	-.03191	(90/08/07)
WFOV/SW	-22.7093	.0	.0	-.9230	25.1276		(85/08/15)
MFOV/SW	-25.6438	.0	.0	1.2280	29.1684	-.03767	(90/08/07)

DAILY B-OFFSET FOR ERBE
FLIGHT MODEL ONE (ERBS) NONSCANNER

ERBS - 1988 MAY

DAY	(90/09/21) WFOV/TOT	(90/09/21) MFOV/TOT	(90/09/21) WFOV/SW	(90/09/21) MFOV/SW
1	1707.44	1271.72	1355.76	1012.97
2	1707.41	1271.69	1355.74	1013.01
3	1707.39	1271.67	1355.72	1013.05
4	1707.37	1271.65	1355.70	1013.09
5	1707.34	1271.62	1355.67	1013.12
6	1707.32	1271.60	1355.65	1013.16
7	1707.29	1271.57	1355.63	1013.20
8	1707.27	1271.55	1355.61	1013.24
9	1707.25	1271.53	1355.59	1013.28
10	1707.22	1271.50	1355.57	1013.32
11	1707.20	1271.48	1355.55	1013.36
12	1707.25	1271.56	1355.59	1013.41
13	1707.29	1271.65	1355.63	1013.46
14	1707.34	1271.73	1355.67	1013.51
15	1707.39	1271.81	1355.72	1013.56
16	1707.44	1271.89	1355.76	1013.61
17	1707.48	1271.98	1355.80	1013.66
18	1707.53	1272.06	1355.84	1013.72
19	1707.58	1272.14	1355.88	1013.77
20	1707.62	1272.23	1355.92	1013.82
21	1707.67	1272.31	1355.96	1013.87
22	1707.72	1272.39	1356.01	1013.92
23	1707.77	1272.47	1356.05	1013.97
24	1707.81	1272.56	1356.09	1014.02
25	1707.86	1272.64	1356.13	1014.07
26	1707.86	1272.64	1356.15	1014.01
27	1707.85	1272.64	1356.17	1013.94
28	1707.85	1272.63	1356.19	1013.88
29	1707.85	1272.63	1356.21	1013.82
30	1707.84	1272.63	1356.23	1013.76
31	1707.84	1272.63	1356.25	1013.69
32	1707.84	1272.63	1356.27	1013.63

CCC ERBS - 1988 JUNE

ERBE FLIGHT MODEL ONE (ERBS)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.7873	.0	.0	-1.3968	26.1161		(85/12/06)
MFOV/TOT	-26.7786	.0	.0	-.6735	27.7867	-.03194	(90/10/18)
WFOV/SW	-22.7093	.0	.0	-.9230	25.1276		(85/08/15)
MFOV/SW	-25.6426	.0	.0	1.2279	29.1670	-.03767	(90/10/18)

DAILY B-OFFSET FOR ERBE
FLIGHT MODEL ONE (ERBS) NONSCANNER

ERBS - 1988 JUNE

DAY	(90/11/15) WFOV/TOT	(90/11/15) MFOV/TOT	(90/11/15) WFOV/SW	(90/11/15) MFOV/SW
1	1707.11	1270.41	1356.01	1010.17
2	1707.00	1270.09	1355.99	1009.60
3	1707.04	1270.17	1355.93	1009.44
4	1707.08	1270.26	1355.87	1009.28
5	1707.12	1270.34	1355.81	1009.12
6	1707.16	1270.42	1355.75	1008.96
7	1707.20	1270.51	1355.69	1008.80
8	1707.24	1270.59	1355.63	1008.64
9	1707.28	1270.67	1355.57	1008.48
10	1707.31	1270.76	1355.52	1008.33
11	1707.35	1270.84	1355.46	1008.17
12	1707.39	1270.92	1355.40	1008.01
13	1707.43	1271.01	1355.34	1007.85
14	1707.47	1271.09	1355.28	1007.69
15	1707.51	1271.17	1355.22	1007.53
16	1707.55	1271.26	1355.16	1007.37
17	1707.59	1271.34	1355.10	1007.21
18	1707.63	1271.59	1355.43	1008.24
19	1707.66	1271.84	1355.75	1009.27
20	1707.70	1272.08	1356.08	1010.30
21	1707.73	1272.33	1356.40	1011.33
22	1707.77	1272.58	1356.73	1012.36
23	1707.74	1272.53	1356.84	1012.42
24	1707.72	1272.48	1356.94	1012.47
25	1707.69	1272.43	1357.05	1012.53
26	1707.67	1272.38	1357.15	1012.58
27	1707.64	1272.33	1357.26	1012.64
28	1707.62	1272.28	1357.36	1012.69
29	1707.59	1272.24	1357.47	1012.75
30	1707.56	1272.19	1357.57	1012.81
31	1707.54	1272.14	1357.68	1012.86

CCC ERBS - 1988 JULY

ERBE FLIGHT MODEL ONE (ERBS)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.7873	.0	.0	-1.3968	26.1161		(85/12/06)
MFOV/TOT	-26.7606	.0	.0	-.6730	27.7679	-.03192	(90/10/18)
WFOV/SW	-22.7093	.0	.0	-.9230	25.1276		(85/08/15)
MFOV/SW	-25.6691	.0	.0	1.2292	29.1972	-.03771	(90/10/18)

DAILY B-OFFSET FOR ERBE
FLIGHT MODEL ONE (ERBS) NONSCANNER

ERBS - 1988 JULY

DAY	(90/12/14) WFOV/TOT	(90/12/14) MFOV/TOT	(90/12/14) WFOV/SW	(90/12/14) MFOV/SW
1	1707.54	1272.14	1355.12	1013.26
2	1707.51	1272.09	1355.17	1013.32
3	1707.49	1272.04	1355.23	1013.39
4	1707.46	1271.99	1355.28	1013.45
5	1707.44	1271.94	1355.33	1013.52
6	1707.41	1271.89	1355.38	1013.58
7	1707.42	1271.87	1355.39	1013.55
8	1707.43	1271.85	1355.41	1013.52
9	1707.43	1271.82	1355.42	1013.50
10	1707.44	1271.80	1355.44	1013.47
11	1707.45	1271.78	1355.45	1013.44
12	1707.46	1271.76	1355.47	1013.41
13	1707.47	1271.74	1355.48	1013.39
14	1707.47	1271.71	1355.49	1013.36
15	1707.48	1271.69	1355.51	1013.33
16	1707.49	1271.67	1355.52	1013.30
17	1707.50	1271.65	1355.54	1013.27
18	1707.50	1271.62	1355.55	1013.25
19	1707.51	1271.60	1355.57	1013.22
20	1707.52	1271.58	1355.58	1013.19
21	1707.56	1271.69	1355.48	1013.24
22	1707.60	1271.79	1355.38	1013.28
23	1707.64	1271.90	1355.28	1013.33
24	1707.67	1272.01	1355.17	1013.38
25	1707.71	1272.12	1355.07	1013.42
26	1707.75	1272.22	1354.97	1013.47
27	1707.79	1272.33	1354.87	1013.52
28	1707.83	1272.44	1354.77	1013.56
29	1707.87	1272.54	1354.67	1013.61
30	1707.91	1272.65	1354.57	1013.65
31	1707.94	1272.76	1354.46	1013.70
32	1707.98	1272.87	1354.36	1013.75

CCC ERBS - 1988 AUGUST

ERBE FLIGHT MODEL ONE (ERBS)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.7873	.0	.0	-1.3968	26.1161		(85/12/06)
MFOV/TOT	-26.7565	.0	.0	-.6729	27.7637	-.03191	(90/10/18)
WFOV/SW	-22.7093	.0	.0	-.9230	25.1276		(85/08/15)
MFOV/SW	-25.6635	.0	.0	1.2289	29.1907	-.03770	(90/10/18)

DAILY B-OFFSET FOR ERBE
FLIGHT MODEL ONE (ERBS) NONSCANNER

ERBS - 1988 AUGUST

DAY	(90/12/14) WFOV/TOT	(90/12/14) MFOV/TOT	(90/12/14) WFOV/SW	(90/12/14) MFOV/SW
1	1707.98	1272.87	1354.36	1013.75
2	1708.02	1272.97	1354.26	1013.79
3	1708.06	1273.08	1354.16	1013.84
4	1707.99	1272.84	1354.28	1013.63
5	1707.93	1272.60	1354.40	1013.42
6	1707.86	1272.37	1354.52	1013.21
7	1707.79	1272.13	1354.64	1013.00
8	1707.73	1271.89	1354.76	1012.79
9	1707.66	1271.65	1354.88	1012.58
10	1707.59	1271.41	1354.99	1012.37
11	1707.53	1271.17	1355.11	1012.16
12	1707.46	1270.94	1355.23	1011.95
13	1707.39	1270.70	1355.35	1011.74
14	1707.33	1270.46	1355.47	1011.53
15	1707.26	1270.22	1355.59	1011.32
16	1707.35	1270.32	1355.48	1011.03
17	1707.44	1270.41	1355.37	1010.74
18	1707.53	1270.51	1355.26	1010.45
19	1707.62	1270.61	1355.15	1010.16
20	1707.71	1270.71	1355.04	1009.87
21	1707.80	1270.80	1354.92	1009.59
22	1707.89	1270.90	1354.81	1009.30
23	1707.98	1271.00	1354.70	1009.01
24	1708.07	1271.10	1354.59	1008.72
25	1708.16	1271.19	1354.48	1008.43
26	1708.25	1271.29	1354.37	1008.14
27	1708.06	1271.39	1354.63	1009.35
28	1707.88	1271.49	1354.90	1010.56
29	1707.69	1271.60	1355.16	1011.77
30	1707.51	1271.70	1355.43	1012.98
31	1707.32	1271.80	1355.69	1014.19
32	1707.35	1271.83	1355.68	1014.02

CCC ERBS - 1988 SEPTEMBER

ERBE FLIGHT MODEL ONE (ERBS)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.7873	.0	.0	-1.3968	26.1161		(85/12/06)
MFOV/TOT	-26.7544	.0	.0	-.6729	27.7615	-.03191	(90/10/18)
WFOV/SW	-22.7093	.0	.0	-.9230	25.1276		(85/08/15)
MFOV/SW	-25.6314	.0	.0	1.2274	29.1542	-.03765	(90/10/18)

DAILY B-OFFSET FOR ERBE
FLIGHT MODEL ONE (ERBS) NONSCANNER

ERBS - 1988 SEPTEMBER

DAY	(91/01/07) WFOV/TOT	(91/01/07) MFOV/TOT	(91/01/07) WFOV/SW	(91/01/07) MFOV/SW
1	1707.35	1271.83	1355.68	1014.02
2	1707.37	1271.86	1355.68	1013.85
3	1707.40	1271.88	1355.67	1013.68
4	1707.42	1271.91	1355.66	1013.52
5	1707.45	1271.94	1355.66	1013.35
6	1707.47	1271.97	1355.65	1013.18
7	1707.50	1272.00	1355.65	1013.01
8	1707.53	1272.02	1355.64	1012.84
9	1707.55	1272.05	1355.63	1012.67
10	1707.58	1272.08	1355.63	1012.50
11	1707.60	1272.11	1355.62	1012.34
12	1707.63	1272.13	1355.61	1012.17
13	1707.65	1272.16	1355.61	1012.00
14	1707.68	1272.19	1355.60	1011.83
15	1707.71	1272.12	1355.67	1011.61
16	1707.74	1272.05	1355.73	1011.39
17	1707.77	1271.98	1355.80	1011.17
18	1707.80	1271.91	1355.86	1010.96
19	1707.83	1271.84	1355.93	1010.74
20	1707.86	1271.77	1355.99	1010.52
21	1707.89	1271.71	1356.06	1010.30
22	1707.92	1271.64	1356.13	1010.08
23	1707.95	1271.57	1356.19	1009.86
24	1707.98	1271.50	1356.26	1009.64
25	1708.01	1271.43	1356.32	1009.43
26	1708.04	1271.36	1356.39	1009.21
27	1708.07	1271.29	1356.45	1008.99
28	1708.10	1271.22	1356.52	1008.77
29	1708.04	1271.29	1356.46	1009.04
30	1707.99	1271.37	1356.40	1009.30
31	1707.93	1271.44	1356.34	1009.57

CCC ERBS - 1988 OCTOBER

ERBE FLIGHT MODEL ONE (ERBS)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.7873	.0	.0	-1.3968	26.1161		(85/12/06)
MFOV/TOT	-26.7667	.0	.0	-.6732	27.7743	-.03192	(90/10/18)
WFOV/SW	-22.7093	.0	.0	-.9230	25.1276		(85/08/15)
MFOV/SW	-25.6031	.0	.0	1.2260	29.1221	-.03761	(90/10/18)

DAILY B-OFFSET FOR ERBE
FLIGHT MODEL ONE (ERBS) NONSCANNER

ERBS - 1988 OCTOBER

DAY	(91/01/07) WFOV/TOT	(91/01/07) MFOV/TOT	(91/01/07) WFOV/SW	(91/01/07) MFOV/SW
1	1707.93	1271.44	1356.34	1009.57
2	1707.87	1271.51	1356.28	1009.83
3	1707.82	1271.58	1356.22	1010.10
4	1707.76	1271.66	1356.16	1010.36
5	1707.71	1271.73	1356.10	1010.63
6	1707.65	1271.80	1356.03	1010.90
7	1707.59	1271.88	1355.97	1011.16
8	1707.54	1271.95	1355.91	1011.43
9	1707.48	1272.02	1355.85	1011.69
10	1707.42	1272.09	1355.79	1011.96
11	1707.37	1272.17	1355.73	1012.22
12	1707.31	1272.24	1355.67	1012.49
13	1707.36	1272.30	1355.77	1012.48
14	1707.41	1272.37	1355.88	1012.46
15	1707.47	1272.43	1355.98	1012.45
16	1707.52	1272.49	1356.08	1012.44
17	1707.57	1272.55	1356.18	1012.42
18	1707.62	1272.62	1356.29	1012.41
19	1707.68	1272.68	1356.39	1012.40
20	1707.73	1272.74	1356.49	1012.38
21	1707.78	1272.81	1356.60	1012.37
22	1707.83	1272.87	1356.70	1012.35
23	1707.88	1272.93	1356.80	1012.34
24	1707.94	1272.99	1356.90	1012.33
25	1707.99	1273.06	1357.01	1012.31
26	1708.04	1273.12	1357.11	1012.30
27	1708.03	1273.13	1357.12	1012.15
28	1708.03	1273.14	1357.13	1012.01
29	1708.02	1273.14	1357.15	1011.86
30	1708.02	1273.15	1357.16	1011.71
31	1708.01	1273.16	1357.17	1011.56
32	1708.01	1273.17	1357.18	1011.42

CCC ERBS - 1988 NOVEMBER

ERBE FLIGHT MODEL ONE (ERBS)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.7873	.0	.0	-1.3968	26.1161		(85/12/06)
MFOV/TOT	-26.7831	.0	.0	-.6736	27.7913	-.03194	(90/10/18)
WFOV/SW	-22.7093	.0	.0	-.9230	25.1276		(85/08/15)
MFOV/SW	-25.5824	.0	.0	1.2250	29.0985	-.03758	(90/10/18)

DAILY B-OFFSET FOR ERBE
FLIGHT MODEL ONE (ERBS) NONSCANNER

ERBS - 1988 NOVEMBER

DAY	(91/01/07) WFOV/TOT	(91/01/07) MFOV/TOT	(91/01/07) WFOV/SW	(91/01/07) MFOV/SW
1	1708.01	1273.17	1357.18	1011.42
2	1708.00	1273.18	1357.20	1011.27
3	1707.99	1273.18	1357.21	1011.12
4	1707.99	1273.19	1357.22	1010.98
5	1707.98	1273.20	1357.23	1010.83
6	1707.98	1273.21	1357.24	1010.68
7	1707.97	1273.21	1357.26	1010.53
8	1707.97	1273.22	1357.27	1010.39
9	1707.96	1273.23	1357.28	1010.24
10	1707.95	1273.18	1357.17	1010.14
11	1707.94	1273.12	1357.06	1010.04
12	1707.93	1273.07	1356.95	1009.94
13	1707.91	1273.02	1356.84	1009.84
14	1707.90	1272.97	1356.73	1009.74
15	1707.89	1272.91	1356.62	1009.64
16	1707.88	1272.86	1356.51	1009.54
17	1707.87	1272.81	1356.39	1009.44
18	1707.86	1272.75	1356.28	1009.34
19	1707.85	1272.70	1356.17	1009.24
20	1707.83	1272.65	1356.06	1009.14
21	1707.82	1272.60	1355.95	1009.04
22	1707.81	1272.54	1355.84	1008.94
23	1707.80	1272.49	1355.73	1008.84
24	1707.78	1272.29	1355.91	1008.47
25	1707.76	1272.10	1356.09	1008.11
26	1707.74	1271.90	1356.28	1007.74
27	1707.72	1271.70	1356.46	1007.37
28	1707.70	1271.51	1356.64	1007.01
29	1707.68	1271.31	1356.82	1006.64
30	1707.66	1271.11	1357.01	1006.27
31	1707.64	1270.92	1357.19	1005.91

CCC ERBS - 1988 DECEMBER

ERBE FLIGHT MODEL ONE (ERBS)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^{\,2} + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^{\,2} + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.7873	.0	.0	-1.3968	26.1161		(85/12/06)
MFOV/TOT	-26.8181	.0	.0	-.6745	27.8276	-.03198	(90/10/18)
WFOV/SW	-22.7093	.0	.0	-.9230	25.1276		(85/08/15)
MFOV/SW	-25.5881	.0	.0	1.2253	29.1050	-.03759	(90/10/18)

DAILY B-OFFSET FOR ERBE
FLIGHT MODEL ONE (ERBS) NONSCANNER

ERBS - 1988 DECEMBER

DAY	(91/01/25) WFOV/TOT	(91/01/25) MFOV/TOT	(91/01/25) WFOV/SW	(91/01/25) MFOV/SW
1	1707.64	1270.92	1357.19	1005.91
2	1707.62	1270.72	1357.37	1005.54
3	1707.65	1270.79	1357.51	1005.71
4	1707.68	1270.87	1357.65	1005.88
5	1707.71	1270.94	1357.78	1006.05
6	1707.73	1271.01	1357.92	1006.21
7	1707.76	1271.08	1358.06	1006.38
8	1707.79	1271.16	1358.20	1006.55
9	1707.82	1271.23	1358.34	1006.72
10	1707.85	1271.30	1358.47	1006.89
11	1707.88	1271.38	1358.61	1007.06
12	1707.91	1271.45	1358.75	1007.23
13	1707.93	1271.52	1358.89	1007.39
14	1707.96	1271.59	1359.02	1007.56
15	1707.99	1271.67	1359.16	1007.73
16	1708.02	1271.74	1359.30	1007.90
17	1707.95	1271.99	1359.15	1008.34
18	1707.88	1272.25	1359.00	1008.78
19	1707.82	1272.50	1358.84	1009.23
20	1707.75	1272.76	1358.69	1009.67
21	1707.68	1273.01	1358.54	1010.11
22	1707.73	1273.06	1358.56	1010.24
23	1707.77	1273.12	1358.59	1010.38
24	1707.82	1273.17	1358.61	1010.51
25	1707.87	1273.22	1358.64	1010.65
26	1707.92	1273.28	1358.66	1010.78
27	1707.96	1273.33	1358.68	1010.91
28	1708.01	1273.38	1358.71	1011.05
29	1708.06	1273.44	1358.73	1011.18
30	1708.11	1273.49	1358.76	1011.32
31	1708.15	1273.54	1358.78	1011.45
32	1708.20	1273.60	1358.80	1011.58

CCC ERBS - 1989 JANUARY

ERBE FLIGHT MODEL ONE (ERBS)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.7873	.0	.0	-1.3968	26.1161		(85/12/06)
MFOV/TOT	-26.8140	.0	.0	-.6744	27.8233	-.03198	(90/10/18)
WFOV/SW	-22.7093	.0	.0	-.9230	25.1276		(85/08/15)
MFOV/SW	-25.5442	.0	.0	1.2232	29.0550	-.03753	(90/10/18)

DAILY B-OFFSET FOR ERBE
FLIGHT MODEL ONE (ERBS) NONSCANNER

ERBS - 1989 JANUARY

DAY	(91/01/28) WFOV/TOT	(91/01/28) MFOV/TOT	(91/01/28) WFOV/SW	(91/01/28) MFOV/SW
1	1708.20	1273.60	1358.80	1011.58
2	1708.25	1273.65	1358.83	1011.72
3	1708.30	1273.70	1358.85	1011.85
4	1708.34	1273.76	1358.88	1011.99
5	1708.39	1273.81	1358.90	1012.12
6	1708.37	1273.77	1358.89	1012.01
7	1708.34	1273.73	1358.88	1011.90
8	1708.32	1273.69	1358.87	1011.79
9	1708.30	1273.65	1358.87	1011.68
10	1708.27	1273.61	1358.86	1011.57
11	1708.25	1273.57	1358.85	1011.46
12	1708.23	1273.54	1358.84	1011.34
13	1708.21	1273.50	1358.83	1011.23
14	1708.18	1273.46	1358.82	1011.12
15	1708.16	1273.42	1358.82	1011.01
16	1708.14	1273.38	1358.81	1010.90
17	1708.11	1273.34	1358.80	1010.79
18	1708.09	1273.30	1358.79	1010.68
19	1708.04	1273.25	1358.80	1010.81
20	1707.99	1273.20	1358.81	1010.94
21	1707.95	1273.16	1358.81	1011.07
22	1707.90	1273.11	1358.82	1011.21
23	1707.85	1273.06	1358.83	1011.34
24	1707.80	1273.01	1358.84	1011.47
25	1707.76	1272.97	1358.85	1011.60
26	1707.71	1272.92	1358.85	1011.73
27	1707.66	1272.87	1358.86	1011.86
28	1707.61	1272.82	1358.87	1011.99
29	1707.56	1272.77	1358.88	1012.13
30	1707.52	1272.73	1358.88	1012.26
31	1707.47	1272.68	1358.89	1012.39
32	1707.42	1272.63	1358.90	1012.52

CCC ERBS - 1989 FEBRUARY

ERBE FLIGHT MODEL ONE (ERBS)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.7873	.0	.0	-1.3968	26.1161		(85/12/06)
MFOV/TOT	-26.8284	.0	.0	-.6747	27.8383	-.03200	(90/10/18)
WFOV/SW	-22.7093	.0	.0	-.9230	25.1276		(85/08/15)
MFOV/SW	-25.5169	.0	.0	1.2219	29.0240	-.03749	(90/10/18)

DAILY B-OFFSET FOR ERBE
FLIGHT MODEL ONE (ERBS) NONSCANNER

ERBS - 1989 FEBRUARY

DAY	(91/01/28) WFOV/TOT	(91/01/28) MFOV/TOT	(91/01/28) WFOV/SW	(91/01/28) MFOV/SW
1	1707.42	1272.63	1358.90	1012.52
2	1707.49	1272.56	1358.96	1012.10
3	1707.56	1272.49	1359.01	1011.68
4	1707.63	1272.43	1359.07	1011.26
5	1707.70	1272.36	1359.13	1010.84
6	1707.77	1272.29	1359.19	1010.42
7	1707.84	1272.22	1359.24	1009.99
8	1707.91	1272.15	1359.30	1009.57
9	1707.98	1272.08	1359.36	1009.15
10	1708.05	1272.02	1359.42	1008.73
11	1708.12	1271.95	1359.47	1008.31
12	1708.19	1271.88	1359.53	1007.89
13	1708.16	1271.86	1359.51	1007.57
14	1708.13	1271.85	1359.50	1007.25
15	1708.10	1271.83	1359.48	1006.93
16	1708.06	1271.81	1359.47	1006.60
17	1708.03	1271.79	1359.45	1006.28
18	1708.00	1271.78	1359.44	1005.96
19	1707.97	1271.76	1359.42	1005.64
20	1707.94	1271.74	1359.40	1005.32
21	1707.91	1271.72	1359.39	1005.00
22	1707.87	1271.71	1359.37	1004.67
23	1707.84	1271.69	1359.36	1004.35
24	1707.81	1271.67	1359.34	1004.03
25	1707.78	1271.90	1359.58	1004.83
26	1707.75	1272.13	1359.82	1005.63
27	1707.71	1272.37	1360.06	1006.42
28	1707.68	1272.60	1360.30	1007.22
29	1707.65	1272.83	1360.54	1008.02
30	1707.67	1272.80	1360.54	1008.02

CCC ERBS - 1989 MARCH

ERBE FLIGHT MODEL ONE (ERBS)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^{\,2} + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^{\,2} + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.7873	.0	.0	-1.3968	26.1161		(85/12/06)
MFOV/TOT	-26.8600	.0	.0	-.6755	27.8711	-.03203	(91/03/04)
WFOV/SW	-22.7093	.0	.0	-.9230	25.1276		(85/08/15)
MFOV/SW	-25.5268	.0	.0	1.2224	29.0353	-.03750	(91/03/04)

DAILY B-OFFSET FOR ERBE
FLIGHT MODEL ONE (ERBS) NONSCANNER

ERBS - 1989 MARCH

DAY	(91/03/15) WFOV/TOT	(91/03/15) MFOV/TOT	(91/03/15) WFOV/SW	(91/03/15) MFOV/SW
1	1707.65	1272.83	1360.54	1008.02
2	1707.70	1272.91	1360.59	1007.96
3	1707.74	1272.99	1360.64	1007.91
4	1707.79	1273.06	1360.68	1007.85
5	1707.83	1273.14	1360.73	1007.79
6	1707.88	1273.22	1360.78	1007.73
7	1707.92	1273.30	1360.83	1007.68
8	1707.97	1273.38	1360.88	1007.62
9	1708.01	1273.45	1360.92	1007.56
10	1708.06	1273.53	1360.97	1007.51
11	1708.10	1273.61	1361.02	1007.45
12	1708.15	1273.69	1361.07	1007.39
13	1708.19	1273.76	1361.11	1007.33
14	1708.24	1273.84	1361.16	1007.28
15	1708.28	1273.92	1361.21	1007.22
16	1708.18	1273.66	1361.22	1006.87
17	1708.07	1273.40	1361.22	1006.52
18	1707.97	1273.14	1361.23	1006.17
19	1707.87	1272.87	1361.24	1005.82
20	1707.77	1272.61	1361.25	1005.47
21	1707.66	1272.35	1361.25	1005.12
22	1707.56	1272.09	1361.26	1004.77
23	1707.67	1272.09	1361.47	1004.80
24	1707.77	1272.09	1361.68	1004.82
25	1707.88	1272.09	1361.89	1004.85
26	1707.98	1272.09	1362.11	1004.87
27	1708.09	1272.09	1362.32	1004.90
28	1708.19	1272.09	1362.53	1004.92
29	1708.30	1272.09	1362.74	1004.95
30	1708.28	1272.22	1362.51	1005.09
31	1708.26	1272.34	1362.29	1005.22
32	1708.24	1272.47	1362.06	1005.36

CCC ERBS - 1989 APRIL

ERBE FLIGHT MODEL ONE (ERBS)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.7873	.0	.0	-1.3968	26.1161		(85/12/06)
MFOV/TOT	-26.8263	.0	.0	-.6747	27.8361	-.03199	(90/03/08)
WFOV/SW	-22.7093	.0	.0	-.9230	25.1276		(85/08/15)
MFOV/SW	-25.5982	.0	.0	1.2258	29.1164	-.03760	(90/03/08)

DAILY B-OFFSET FOR ERBE
FLIGHT MODEL ONE (ERBS) NONSCANNER

ERBS - 1989 APRIL

DAY	(90/03/13) WFOV/TOT	(90/03/13) MFOV/TOT	(90/03/13) WFOV/SW	(90/03/13) MFOV/SW
1	1708.24	1272.47	1360.11	1008.59
2	1708.22	1272.59	1359.99	1008.77
3	1708.20	1272.72	1359.86	1008.94
4	1708.18	1272.84	1359.74	1009.12
5	1708.17	1272.97	1359.61	1009.29
6	1708.15	1273.09	1359.48	1009.46
7	1708.13	1273.22	1359.36	1009.64
8	1708.11	1273.34	1359.23	1009.81
9	1708.09	1273.47	1359.11	1009.99
10	1708.07	1273.59	1358.98	1010.16
11	1708.05	1273.72	1358.86	1010.34
12	1708.03	1273.84	1358.73	1010.51
13	1708.02	1273.78	1358.84	1010.49
14	1708.00	1273.73	1358.95	1010.47
15	1707.99	1273.67	1359.06	1010.45
16	1707.97	1273.61	1359.18	1010.42
17	1707.96	1273.55	1359.29	1010.40
18	1707.94	1273.50	1359.40	1010.38
19	1707.93	1273.44	1359.51	1010.36
20	1707.91	1273.38	1359.62	1010.34
21	1707.90	1273.33	1359.73	1010.32
22	1707.88	1273.27	1359.84	1010.30
23	1707.87	1273.21	1359.96	1010.27
24	1707.85	1273.15	1360.07	1010.25
25	1707.84	1273.10	1360.18	1010.23
26	1707.82	1273.04	1360.29	1010.21
27	1707.82	1273.04	1360.22	1010.10
28	1707.82	1273.03	1360.15	1009.98
29	1707.83	1273.03	1360.08	1009.87
30	1707.83	1273.03	1360.01	1009.75
31	1707.83	1273.03	1359.94	1009.64

CCC ERBS - 1989 MAY

ERBE FLIGHT MODEL ONE (ERBS)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.7873	.0	.0	-1.3968	26.1161		(85/12/06)
MFOV/TOT	-26.8614	.0	.0	-.6756	27.8726	-.03204	(91/03/04)
WFOV/SW	-22.7093	.0	.0	-.9230	25.1276		(85/08/15)
MFOV/SW	-25.5019	.0	.0	1.2212	29.0070	-.03746	(91/03/04)

DAILY B-OFFSET FOR ERBE
FLIGHT MODEL ONE (ERBS) NONSCANNER

ERBS - 1989 MAY

DAY	(91/03/18) WFOV/TOT	(91/03/18) MFOV/TOT	(91/03/18) WFOV/SW	(91/03/18) MFOV/SW
1	1707.83	1273.03	1361.95	1006.52
2	1707.83	1273.02	1361.87	1006.36
3	1707.84	1273.02	1361.79	1006.20
4	1707.84	1273.02	1361.71	1006.03
5	1707.84	1273.01	1361.63	1005.87
6	1707.84	1273.01	1361.55	1005.70
7	1707.84	1273.01	1361.48	1005.54
8	1707.85	1273.01	1361.40	1005.38
9	1707.85	1273.00	1361.32	1005.21
10	1707.85	1273.00	1361.24	1005.05
11	1707.87	1273.06	1361.34	1005.32
12	1707.88	1273.11	1361.44	1005.58
13	1707.90	1273.17	1361.55	1005.85
14	1707.92	1273.23	1361.65	1006.12
15	1707.94	1273.29	1361.75	1006.38
16	1707.95	1273.34	1361.85	1006.65
17	1707.97	1273.40	1361.96	1006.92
18	1707.99	1273.46	1362.06	1007.18
19	1708.00	1273.51	1362.16	1007.45
20	1708.02	1273.57	1362.26	1007.71
21	1708.04	1273.63	1362.36	1007.98
22	1708.06	1273.69	1362.47	1008.25
23	1708.07	1273.74	1362.57	1008.51
24	1708.09	1273.80	1362.67	1008.78
25	1708.00	1273.46	1362.62	1008.24
26	1707.92	1273.12	1362.57	1007.71
27	1707.83	1272.77	1362.52	1007.17
28	1707.74	1272.43	1362.48	1006.64
29	1707.65	1272.09	1362.43	1006.10
30	1707.57	1271.75	1362.38	1005.56
31	1707.48	1271.40	1362.33	1005.03
32	1707.39	1271.06	1362.28	1004.49

CCC ERBS - 1989 JUNE

ERBE FLIGHT MODEL ONE (ERBS)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.7873	.0	.0	-1.3968	26.1161		(85/12/06)
MFOV/TOT	-26.9537	.0	.0	-.6779	27.9683	-.03215	(91/03/04)
WFOV/SW	-22.7093	.0	.0	-.9230	25.1276		(85/08/15)
MFOV/SW	-25.5828	.0	.0	1.2251	29.0990	-.03758	(91/03/04)

DAILY B-OFFSET FOR ERBE
FLIGHT MODEL ONE (ERBS) NONSCANNER

ERBS - 1989 JUNE

DAY	(91/03/26) WFOV/TOT	(91/03/26) MFOV/TOT	(91/03/26) WFOV/SW	(91/03/26) MFOV/SW
1	1707.39	1271.06	1362.28	1004.49
2	1707.46	1271.19	1362.44	1004.65
3	1707.53	1271.32	1362.60	1004.82
4	1707.61	1271.45	1362.76	1004.98
5	1707.68	1271.59	1362.92	1005.14
6	1707.75	1271.72	1363.08	1005.31
7	1707.82	1271.85	1363.24	1005.47
8	1707.89	1271.98	1363.40	1005.63
9	1707.97	1272.11	1363.57	1005.80
10	1708.04	1272.24	1363.73	1005.96
11	1708.11	1272.37	1363.89	1006.12
12	1708.18	1272.50	1364.05	1006.29
13	1708.25	1272.64	1364.21	1006.45
14	1708.33	1272.77	1364.37	1006.61
15	1708.40	1272.90	1364.53	1006.78
16	1708.47	1273.03	1364.69	1006.94
17	1708.57	1273.30	1364.28	1007.54
18	1708.67	1273.58	1363.87	1008.14
19	1708.76	1273.85	1363.46	1008.75
20	1708.86	1274.13	1363.05	1009.35
21	1708.96	1274.40	1362.64	1009.95
22	1708.89	1274.32	1362.75	1009.84
23	1708.82	1274.23	1362.87	1009.73
24	1708.75	1274.15	1362.98	1009.62
25	1708.67	1274.07	1363.09	1009.51
26	1708.60	1273.98	1363.20	1009.40
27	1708.53	1273.90	1363.32	1009.29
28	1708.46	1273.82	1363.43	1009.18
29	1708.39	1273.73	1363.54	1009.07
30	1708.32	1273.65	1363.66	1008.96
31	1708.25	1273.56	1363.77	1008.85

CCC ERBS - 1989 JULY

ERBE FLIGHT MODEL ONE (ERBS)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.7873	.0	.0	-1.3968	26.1161		(85/12/06)
MFOV/TOT	-26.9028	.0	.0	-.6766	27.9155	-.03208	(91/03/04)
WFOV/SW	-22.7093	.0	.0	-.9230	25.1276		(85/08/15)
MFOV/SW	-25.5206	.0	.0	1.2221	29.0282	-.03749	(91/03/04)

DAILY B-OFFSET FOR ERBE
FLIGHT MODEL ONE (ERBS) NONSCANNER

ERBS - 1989 JULY

DAY	(91/04/03) WFOV/TOT	(91/04/03) MFOV/TOT	(91/04/03) WFOV/SW	(91/04/03) MFOV/SW
1	1708.25	1273.56	1363.77	1008.85
2	1708.17	1273.48	1363.88	1008.74
3	1708.10	1273.40	1363.99	1008.63
4	1708.03	1273.31	1364.11	1008.52
5	1707.96	1273.23	1364.22	1008.41
6	1707.95	1273.21	1364.17	1008.40
7	1707.93	1273.18	1364.11	1008.39
8	1707.92	1273.16	1364.06	1008.38
9	1707.90	1273.14	1364.01	1008.37
10	1707.89	1273.12	1363.96	1008.36
11	1707.87	1273.09	1363.90	1008.35
12	1707.86	1273.07	1363.85	1008.35
13	1707.85	1273.05	1363.80	1008.34
14	1707.83	1273.02	1363.74	1008.33
15	1707.82	1273.00	1363.69	1008.32
16	1707.80	1272.98	1363.64	1008.31
17	1707.79	1272.96	1363.59	1008.30
18	1707.77	1272.93	1363.53	1008.29
19	1707.76	1272.91	1363.48	1008.28
20	1707.78	1272.98	1363.49	1008.39
21	1707.81	1273.06	1363.49	1008.51
22	1707.83	1273.13	1363.50	1008.62
23	1707.85	1273.20	1363.51	1008.73
24	1707.87	1273.27	1363.52	1008.84
25	1707.90	1273.35	1363.52	1008.96
26	1707.92	1273.42	1363.53	1009.07
27	1707.94	1273.49	1363.54	1009.18
28	1707.97	1273.57	1363.54	1009.30
29	1707.99	1273.64	1363.55	1009.41
30	1708.01	1273.71	1363.56	1009.52
31	1708.03	1273.78	1363.57	1009.63
32	1708.06	1273.86	1363.57	1009.75

CCC ERBS - 1989 AUGUST

ERBE FLIGHT MODEL ONE (ERBS)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.7873	.0	.0	-1.3968	26.1161		(85/12/06)
MFOV/TOT	-26.9337	.0	.0	-.6774	27.9476	-.03212	(91/03/04)
WFOV/SW	-22.7093	.0	.0	-.9230	25.1276		(85/08/15)
MFOV/SW	-25.5358	.0	.0	1.2228	29.0454	-.03751	(91/03/04)

DAILY B-OFFSET FOR ERBE
FLIGHT MODEL ONE (ERBS) NONSCANNER

ERBS - 1989 AUGUST

DAY	(91/05/22) WFOV/TOT	(91/05/22) MFOV/TOT	(91/05/22) WFOV/SW	(91/05/22) MFOV/SW
1	1708.06	1273.86	1363.57	1009.75
2	1708.08	1273.93	1363.58	1009.86
3	1708.04	1273.73	1363.64	1009.59
4	1708.00	1273.53	1363.70	1009.32
5	1707.95	1273.34	1363.76	1009.05
6	1707.91	1273.14	1363.82	1008.78
7	1707.87	1272.94	1363.88	1008.51
8	1707.83	1272.74	1363.94	1008.24
9	1707.78	1272.54	1364.00	1007.96
10	1707.74	1272.34	1364.06	1007.69
11	1707.70	1272.15	1364.12	1007.42
12	1707.66	1271.95	1364.18	1007.15
13	1707.61	1271.75	1364.24	1006.88
14	1707.57	1271.55	1364.30	1006.61
15	1707.67	1271.65	1364.29	1006.43
16	1707.76	1271.76	1364.28	1006.25
17	1707.86	1271.86	1364.27	1006.06
18	1707.95	1271.97	1364.26	1005.88
19	1708.05	1272.07	1364.25	1005.70
20	1708.14	1272.18	1364.24	1005.52
21	1708.24	1272.28	1364.23	1005.34
22	1708.33	1272.39	1364.22	1005.16
23	1708.43	1272.49	1364.21	1004.97
24	1708.52	1272.60	1364.20	1004.79
25	1708.62	1272.70	1364.19	1004.61
26	1708.46	1272.86	1364.27	1005.69
27	1708.30	1273.03	1364.34	1006.77
28	1708.13	1273.19	1364.42	1007.86
29	1707.97	1273.36	1364.49	1008.94
30	1707.81	1273.52	1364.57	1010.02
31	1707.82	1273.50	1364.71	1010.10
32	1707.84	1273.48	1364.85	1010.19

CCC ERBS - 1989 SEPTEMBER

ERBE FLIGHT MODEL ONE (ERBS)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.7873	.0	.0	-1.3968	26.1161		(85/12/06)
MFOV/TOT	-26.9658	.0	.0	-.6782	27.9808	-.03216	(91/03/04)
WFOV/SW	-22.7093	.0	.0	-.9230	25.1276		(85/08/15)
MFOV/SW	-25.5461	.0	.0	1.2233	29.0572	-.03753	(91/03/04)

DAILY B-OFFSET FOR ERBE
FLIGHT MODEL ONE (ERBS) NONSCANNER

ERBS - 1989 SEPTEMBER

DAY	(91/05/22) WFOV/TOT	(91/05/22) MFOV/TOT	(91/05/22) WFOV/SW	(91/05/22) MFOV/SW
1	1707.84	1273.48	1364.85	1010.19
2	1707.85	1273.46	1364.99	1010.27
3	1707.87	1273.45	1365.13	1010.35
4	1707.88	1273.43	1365.27	1010.43
5	1707.90	1273.41	1365.41	1010.52
6	1707.91	1273.39	1365.55	1010.60
7	1707.92	1273.37	1365.69	1010.68
8	1707.94	1273.35	1365.83	1010.77
9	1707.95	1273.33	1365.97	1010.85
10	1707.97	1273.32	1366.11	1010.93
11	1707.98	1273.30	1366.25	1011.01
12	1708.00	1273.28	1366.39	1011.10
13	1708.01	1273.26	1366.53	1011.18
14	1708.07	1273.19	1366.57	1010.99
15	1708.12	1273.11	1366.61	1010.80
16	1708.18	1273.04	1366.65	1010.61
17	1708.23	1272.97	1366.69	1010.42
18	1708.29	1272.89	1366.73	1010.23
19	1708.34	1272.82	1366.77	1010.04
20	1708.40	1272.75	1366.81	1009.85
21	1708.45	1272.67	1366.85	1009.65
22	1708.51	1272.60	1366.89	1009.46
23	1708.56	1272.52	1366.93	1009.27
24	1708.62	1272.45	1366.97	1009.08
25	1708.67	1272.38	1367.01	1008.89
26	1708.73	1272.30	1367.05	1008.70
27	1708.78	1272.23	1367.09	1008.51
28	1708.74	1272.30	1366.94	1008.56
29	1708.70	1272.37	1366.80	1008.61
30	1708.66	1272.44	1366.65	1008.66
31	1708.63	1272.50	1366.51	1008.72

CCC ERBS - 1989 OCTOBER

ERBE FLIGHT MODEL ONE (ERBS)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^{\,2} + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^{\,2} + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.7873	.0	.0	-1.3968	26.1161		(85/12/06)
MFOV/TOT	-26.9585	.0	.0	-.6780	27.9733	-.03215	(91/03/04)
WFOV/SW	-22.7093	.0	.0	-.9230	25.1276		(85/08/15)
MFOV/SW	-25.5193	.0	.0	1.2220	29.0267	-.03749	(91/03/04)

DAILY B-OFFSET FOR ERBE
FLIGHT MODEL ONE (ERBS) NONSCANNER

ERBS - 1989 OCTOBER

DAY	(91/05/22) WFOV/TOT	(91/05/22) MFOV/TOT	(91/05/22) WFOV/SW	(91/05/22) MFOV/SW
1	1708.63	1272.50	1366.51	1008.72
2	1708.59	1272.57	1366.36	1008.77
3	1708.55	1272.64	1366.22	1008.82
4	1708.51	1272.71	1366.07	1008.87
5	1708.47	1272.78	1365.92	1008.92
6	1708.43	1272.85	1365.78	1008.97
7	1708.39	1272.92	1365.63	1009.02
8	1708.36	1272.98	1365.49	1009.08
9	1708.32	1273.05	1365.34	1009.13
10	1708.28	1273.12	1365.20	1009.18
11	1708.24	1273.19	1365.05	1009.23
12	1708.28	1273.27	1365.17	1009.35
13	1708.33	1273.34	1365.28	1009.46
14	1708.37	1273.42	1365.40	1009.58
15	1708.41	1273.49	1365.51	1009.69
16	1708.46	1273.57	1365.63	1009.81
17	1708.50	1273.64	1365.74	1009.92
18	1708.55	1273.72	1365.86	1010.04
19	1708.59	1273.79	1365.98	1010.15
20	1708.63	1273.87	1366.09	1010.27
21	1708.68	1273.94	1366.21	1010.38
22	1708.72	1274.02	1366.32	1010.50
23	1708.76	1274.09	1366.44	1010.61
24	1708.81	1274.17	1366.55	1010.73
25	1708.85	1274.24	1366.67	1010.84
26	1708.85	1274.24	1366.66	1010.79
27	1708.84	1274.24	1366.66	1010.74
28	1708.84	1274.24	1366.65	1010.69
29	1708.83	1274.24	1366.64	1010.64
30	1708.83	1274.24	1366.63	1010.59
31	1708.82	1274.24	1366.63	1010.54
32	1708.82	1274.24	1366.62	1010.49

CCC ERBS - 1989 NOVEMBER

ERBE FLIGHT MODEL ONE (ERBS)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.7873	.0	.0	-1.3968	26.1161		(85/12/06)
MFOV/TOT	-26.9828	.0	.0	-.6786	27.9986	-.03218	(91/03/04)
WFOV/SW	-22.7093	.0	.0	-.9230	25.1276		(85/08/15)
MFOV/SW	-25.5337	.0	.0	1.2227	29.0431	-.03751	(91/03/04)

DAILY B-OFFSET FOR ERBE
FLIGHT MODEL ONE (ERBS) NONSCANNER

ERBS - 1989 NOVEMBER

DAY	(91/05/16) WFOV/TOT	(91/05/16) MFOV/TOT	(91/05/16) WFOV/SW	(91/05/16) MFOV/SW
1	1708.82	1274.24	1366.62	1010.49
2	1708.82	1274.23	1366.61	1010.44
3	1708.81	1274.23	1366.61	1010.39
4	1708.81	1274.23	1366.60	1010.34
5	1708.80	1274.23	1366.59	1010.29
6	1708.80	1274.23	1366.58	1010.24
7	1708.79	1274.23	1366.58	1010.19
8	1708.79	1274.23	1366.57	1010.14
9	1708.76	1274.20	1366.62	1010.17
10	1708.72	1274.17	1366.66	1010.21
11	1708.69	1274.14	1366.71	1010.24
12	1708.65	1274.12	1366.76	1010.27
13	1708.62	1274.09	1366.81	1010.30
14	1708.58	1274.06	1366.85	1010.34
15	1708.55	1274.03	1366.90	1010.37
16	1708.51	1274.00	1366.95	1010.40
17	1708.48	1273.97	1366.99	1010.44
18	1708.44	1273.94	1367.04	1010.47
19	1708.41	1273.92	1367.09	1010.50
20	1708.37	1273.89	1367.14	1010.53
21	1708.34	1273.86	1367.18	1010.57
22	1708.30	1273.83	1367.23	1010.60
23	1708.23	1273.58	1367.35	1010.28
24	1708.17	1273.32	1367.48	1009.97
25	1708.10	1273.07	1367.60	1009.65
26	1708.04	1272.81	1367.72	1009.34
27	1707.97	1272.56	1367.84	1009.02
28	1707.90	1272.30	1367.97	1008.70
29	1707.84	1272.05	1368.09	1008.39
30	1707.77	1271.79	1368.21	1008.07
31	1707.82	1271.86	1368.12	1007.95

CCC ERBS - 1989 DECEMBER

ERBE FLIGHT MODEL ONE (ERBS)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.7873	.0	.0	-1.3968	26.1161		(85/12/06)
MFOV/TOT	-26.9868	.0	.0	-.6787	28.0027	-.03218	(91/03/04)
WFOV/SW	-22.7093	.0	.0	-.9230	25.1276		(85/08/15)
MFOV/SW	-25.5167	.0	.0	1.2219	29.0237	-.03749	(91/03/04)

DAILY B-OFFSET FOR ERBE
FLIGHT MODEL ONE (ERBS) NONSCANNER

ERBS - 1989 DECEMBER

DAY	(91/05/16) WFOV/TOT	(91/05/16) MFOV/TOT	(91/05/16) WFOV/SW	(91/05/16) MFOV/SW
1	1707.82	1271.86	1368.12	1007.95
2	1707.87	1271.93	1368.03	1007.84
3	1707.92	1272.01	1367.94	1007.72
4	1707.98	1272.08	1367.86	1007.61
5	1708.03	1272.15	1367.77	1007.49
6	1708.08	1272.22	1367.68	1007.38
7	1708.13	1272.29	1367.59	1007.26
8	1708.18	1272.37	1367.50	1007.15
9	1708.23	1272.44	1367.41	1007.03
10	1708.28	1272.51	1367.32	1006.92
11	1708.33	1272.58	1367.23	1006.80
12	1708.39	1272.65	1367.15	1006.69
13	1708.44	1272.73	1367.06	1006.57
14	1708.49	1272.80	1366.97	1006.46
15	1708.54	1272.87	1366.88	1006.34
16	1708.50	1273.06	1367.25	1007.20
17	1708.47	1273.25	1367.62	1008.06
18	1708.43	1273.43	1367.98	1008.91
19	1708.40	1273.62	1368.35	1009.77
20	1708.36	1273.81	1368.72	1010.63
21	1708.39	1273.87	1368.72	1010.63
22	1708.43	1273.93	1368.72	1010.63
23	1708.46	1273.99	1368.72	1010.63
24	1708.49	1274.05	1368.71	1010.62
25	1708.53	1274.11	1368.71	1010.62
26	1708.56	1274.17	1368.71	1010.62
27	1708.60	1274.23	1368.71	1010.62
28	1708.63	1274.29	1368.71	1010.62
29	1708.66	1274.35	1368.71	1010.62
30	1708.70	1274.41	1368.71	1010.62
31	1708.73	1274.47	1368.70	1010.61
32	1708.76	1274.53	1368.70	1010.61

APPENDIX J

NOAA-9 NONSCANNER OFFSETS (Merge)

CCC NOAA9 - 1987 JANUARY

ERBE FLIGHT MODEL TWO (NOAA9)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^{\,2} + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^{\,2} + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.8621	.0	.0	-.3977	24.7635		(85/08/15)
MFOV/TOT	-26.9961	.0	.0	-.3677	31.2999	-.03599	(89/11/13)
WFOV/SW	-22.5566	.0	.0	-.5274	23.9133		(85/08/15)
MFOV/SW	-25.5198	.0	.0	.7109	29.0552	-.03612	(89/11/13)

DAILY B-OFFSET FOR ERBE
FLIGHT MODEL TWO (NOAA9) NONSCANNER

NOAA9 - 1987 JANUARY

DAY	(90/06/19) WFOV/TOT	(90/06/19) MFOV/TOT	(90/06/19) WFOV/SW	(90/06/19) MFOV/SW
1	1483.32	1121.32	1417.14	852.10
2	1483.36	1121.26	1417.20	852.09
3	1483.41	1121.20	1417.26	852.07
4	1483.45	1121.14	1417.32	852.05
5	1483.49	1121.08	1417.38	852.03
6	1483.53	1121.02	1417.44	852.02
7	1483.58	1120.96	1417.50	852.00
8	1483.62	1120.90	1417.56	851.98
9	1483.66	1120.84	1417.62	851.97
10	1483.70	1120.78	1417.68	851.95
11	1483.75	1120.72	1417.74	851.93
12	1483.79	1120.66	1417.80	851.91
13	1483.83	1120.60	1417.86	851.90
14	1483.87	1120.54	1417.92	851.88
15	1483.92	1120.48	1417.98	851.86
16	1483.96	1120.42	1418.04	851.85
17	1484.00	1120.36	1418.10	851.83
18	1484.04	1120.30	1418.16	851.81
19	1484.09	1120.24	1418.22	851.79
20	1484.13	1120.18	1418.28	851.78
21	1484.17	1120.12	1418.34	851.76
22	1484.13	1119.94	1418.39	851.78
23	1484.09	1119.77	1418.43	851.81
24	1484.05	1119.59	1418.48	851.83
25	1484.01	1119.41	1418.53	851.85
26	1483.97	1119.24	1418.58	851.87
27	1483.93	1119.06	1418.62	851.90
28	1483.89	1118.89	1418.67	851.92
29	1483.85	1118.71	1418.72	851.94
30	1483.81	1118.53	1418.76	851.97
31	1483.77	1118.36	1418.81	851.99
32	1483.73	1118.18	1418.86	852.01

APPENDIX K

NOAA-10 NONSCANNER OFFSETS (Merge)

CCC NOAA10 - 1987 JANUARY

ERBE PFM NONSCANNER (NOAA10)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.5230	.0	.0	-.4216	23.8202		(88/02/17)
MFOV/TOT	-24.4746	.0	.0	-1.3141	28.8149	-.03048	(89/11/13)
WFOV/SW	-23.2215	.0	.0	-1.9825	22.4009		(88/02/17)
MFOV/SW	-25.0633	.0	.0	-3.3751	29.1677	-.02270	(89/11/13)

DAILY B-OFFSET FOR ERBE
PROTO-FLIGHT MODEL (NOAA10) NONSCANNER

NOAA10 - 1987 JANUARY

DAY	(90/03/22) WFOV/TOT	(90/03/22) MFOV/TOT	(90/03/22) WFOV/SW	(90/03/22) MFOV/SW
1	1432.22	1670.04	1428.74	1937.45
2	1432.18	1670.10	1428.88	1937.45
3	1432.14	1670.16	1429.02	1937.45
4	1432.10	1670.21	1429.16	1937.44
5	1432.05	1670.27	1429.30	1937.44
6	1432.01	1670.33	1429.45	1937.44
7	1431.97	1670.39	1429.59	1937.43
8	1431.93	1670.44	1429.73	1937.43
9	1431.89	1670.50	1429.87	1937.43
10	1431.84	1670.56	1430.02	1937.43
11	1431.80	1670.61	1430.16	1937.42
12	1431.76	1670.67	1430.30	1937.42
13	1431.72	1670.73	1430.44	1937.42
14	1431.68	1670.78	1430.59	1937.41
15	1431.63	1670.84	1430.73	1937.41
16	1431.59	1670.90	1430.87	1937.41
17	1431.55	1670.95	1431.01	1937.40
18	1431.51	1671.01	1431.16	1937.40
19	1431.46	1671.07	1431.30	1937.40
20	1431.42	1671.12	1431.44	1937.40
21	1431.38	1671.18	1431.58	1937.39
22	1431.40	1671.23	1431.72	1937.39
23	1431.42	1671.28	1431.87	1937.39
24	1431.44	1671.33	1432.01	1937.38
25	1431.47	1671.38	1432.15	1937.38
26	1431.49	1671.43	1432.29	1937.38
27	1431.51	1671.48	1432.44	1937.37
28	1431.53	1671.53	1432.58	1937.37
29	1431.55	1671.57	1432.72	1937.37
30	1431.57	1671.62	1432.86	1937.37
31	1431.59	1671.67	1433.01	1937.36
32	1431.62	1671.72	1433.15	1937.36

CCC NOAA10 - 1987 FEBRUARY

ERBE PFM NONSCANNER (NOAA10)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.5230	.0	.0	-.4216	23.8202		(88/02/17)
MFOV/TOT	-24.5683	.0	.0	-1.3191	28.9252	-.03059	(89/11/13)
WFOV/SW	-23.2215	.0	.0	-1.9825	22.4009		(88/02/17)
MFOV/SW	-25.0633	.0	.0	-3.3751	29.1677	-.02270	(89/11/13)

DAILY B-OFFSET FOR ERBE
PROTO-FLIGHT MODEL (NOAA10) NONSCANNER

NOAA10 - 1987 FEBRUARY

DAY	(90/04/02) WFOV/TOT	(90/04/02) MFOV/TOT	(90/11/16) WFOV/SW	(90/11/16) MFOV/SW
1	1431.62	1671.72	1433.15	1937.36
2	1431.64	1671.77	1433.29	1937.36
3	1431.66	1671.82	1433.43	1937.35
4	1431.68	1671.87	1433.58	1937.35
5	1431.74	1671.85	1433.72	1937.35
6	1431.80	1671.83	1433.86	1937.34
7	1431.85	1671.81	1434.00	1937.34
8	1431.91	1671.79	1434.15	1937.34
9	1431.97	1671.77	1434.29	1937.33
10	1432.03	1671.75	1434.43	1937.33
11	1432.09	1671.73	1434.57	1937.33
12	1432.14	1671.71	1434.71	1937.33
13	1432.20	1671.69	1434.86	1937.32
14	1432.26	1671.67	1435.00	1937.32
15	1432.32	1671.65	1435.14	1937.32
16	1432.37	1671.63	1435.28	1937.31
17	1432.43	1671.61	1435.43	1937.31
18	1432.49	1671.59	1435.57	1937.31
19	1432.60	1671.62	1435.71	1937.30
20	1432.70	1671.65	1435.85	1937.30
21	1432.81	1671.68	1436.00	1937.30
22	1432.92	1671.70	1436.14	1937.30
23	1433.02	1671.73	1436.28	1937.29
24	1433.13	1671.76	1436.42	1937.29
25	1433.24	1671.79	1436.57	1937.29
26	1433.34	1671.82	1436.71	1937.28
27	1433.45	1671.85	1436.85	1937.28
28	1433.55	1671.88	1436.99	1937.28
29	1433.66	1671.90	1437.13	1937.27
30	1433.77	1671.93	1437.28	1937.27

CCC NOAA10 - 1987 MARCH

ERBE PFM NONSCANNER (NOAA10)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.5230	.0	.0	-.4216	23.8202		(88/02/17)
MFOV/TOT	-24.6591	.0	.0	-1.3240	29.0321	-.03070	(89/11/13)
WFOV/SW	-23.2215	.0	.0	-1.9825	22.4009		(88/02/17)
MFOV/SW	-25.0633	.0	.0	-3.3751	29.1677	-.02270	(89/11/13)

DAILY B-OFFSET FOR ERBE
PROTO-FLIGHT MODEL (NOAA10) NONSCANNER

NOAA10 - 1987 MARCH

DAY	(90/04/02) WFOV/TOT	(90/04/02) MFOV/TOT	(90/11/16) WFOV/SW	(90/11/16) MFOV/SW
1	1433.66	1671.90	1437.13	1937.27
2	1433.77	1671.93	1437.28	1937.27
3	1433.87	1671.96	1437.42	1937.27
4	1433.98	1671.99	1437.56	1937.27
5	1433.91	1671.87	1437.70	1937.26
6	1433.85	1671.74	1437.85	1937.26
7	1433.78	1671.62	1437.99	1937.26
8	1433.71	1671.49	1438.13	1937.25
9	1433.65	1671.37	1438.27	1937.25
10	1433.58	1671.24	1438.42	1937.25
11	1433.52	1671.12	1438.56	1937.24
12	1433.45	1671.00	1438.70	1937.24
13	1433.38	1670.87	1438.84	1937.24
14	1433.32	1670.75	1438.99	1937.24
15	1433.25	1670.62	1439.13	1937.23
16	1433.18	1670.50	1439.27	1937.23
17	1433.12	1670.37	1439.41	1937.23
18	1433.05	1670.25	1439.55	1937.22
19	1433.15	1670.35	1439.70	1937.22
20	1433.25	1670.44	1439.84	1937.22
21	1433.34	1670.54	1439.98	1937.21
22	1433.44	1670.63	1440.12	1937.21
23	1433.54	1670.73	1440.27	1937.21
24	1433.64	1670.82	1440.41	1937.21
25	1433.74	1670.92	1440.55	1937.20
26	1433.83	1671.01	1440.69	1937.20
27	1433.93	1671.11	1440.84	1937.20
28	1434.03	1671.20	1440.98	1937.19
29	1434.13	1671.30	1441.12	1937.19
30	1434.22	1671.39	1441.26	1937.19
31	1434.32	1671.49	1441.41	1937.18
32	1434.42	1671.59	1441.55	1937.18

CCC NOAA10 - 1987 APRIL

ERBE PFM NONSCANNER (NOAA10)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.5230	.0	.0	-.4216	23.8202		(88/02/17)
MFOV/TOT	-24.7470	.0	.0	-1.3287	29.1356	-.03081	(89/11/13)
WFOV/SW	-23.2215	.0	.0	-1.9825	22.4009		(88/02/17)
MFOV/SW	-25.0633	.0	.0	-3.3751	29.1677	-.02270	(89/11/13)

DAILY B-OFFSET FOR ERBE
PROTO-FLIGHT MODEL (NOAA10) NONSCANNER

NOAA10 - 1987 APRIL

DAY	(90/06/27) WFOV/TOT	(90/06/27) MFOV/TOT	(90/11/16) WFOV/SW	(90/11/16) MFOV/SW
1	1434.42	1671.59	1441.55	1937.18
2	1434.52	1671.68	1441.69	1937.18
3	1434.62	1671.78	1441.83	1937.18
4	1434.71	1671.87	1441.98	1937.17
5	1434.81	1671.97	1442.12	1937.17
6	1434.91	1672.06	1442.26	1937.17
7	1435.01	1672.16	1442.40	1937.16
8	1435.11	1672.25	1442.54	1937.16
9	1435.20	1672.35	1442.69	1937.16
10	1435.30	1672.44	1442.83	1937.15
11	1435.40	1672.54	1442.97	1937.15
12	1435.50	1672.63	1443.11	1937.15
13	1435.59	1672.73	1443.26	1937.15
14	1435.69	1672.82	1443.40	1937.14
15	1435.79	1672.92	1443.54	1937.14
16	1435.93	1672.90	1443.68	1937.14
17	1436.08	1672.88	1443.83	1937.13
18	1436.22	1672.86	1443.97	1937.13
19	1436.36	1672.85	1444.11	1937.13
20	1436.51	1672.83	1444.25	1937.12
21	1436.65	1672.81	1444.40	1937.12
22	1436.80	1672.79	1444.54	1937.12
23	1436.94	1672.77	1444.68	1937.12
24	1437.08	1672.75	1444.82	1937.11
25	1437.23	1672.73	1444.96	1937.11
26	1437.37	1672.72	1445.11	1937.11
27	1437.51	1672.70	1445.25	1937.10
28	1437.66	1672.68	1445.39	1937.10
29	1437.80	1672.66	1445.53	1937.10
30	1437.86	1672.66	1445.68	1937.09
31	1437.92	1672.67	1445.82	1937.09

CCC NOAA10 - 1987 MAY

ERBE PFM NONSCANNER (NOAA10)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^{\,2} + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^{\,2} + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.5230	.0	.0	-.4216	23.8202		(88/02/17)
MFOV/TOT	-24.8378	.0	.0	-1.3336	29.2425	-.03093	(89/11/13)
WFOV/SW	-23.2215	.0	.0	-1.9825	22.4009		(88/02/17)
MFOV/SW	-25.0633	.0	.0	-3.3751	29.1677	-.02270	(89/11/13)

DAILY B-OFFSET FOR ERBE
PROTO-FLIGHT MODEL (NOAA10) NONSCANNER

NOAA10 - 1987 MAY

DAY	(90/06/27) WFOV/TOT	(90/06/27) MFOV/TOT	(90/11/16) WFOV/SW	(90/11/16) MFOV/SW
1	1437.92	1672.67	1445.82	1937.09
2	1437.97	1672.67	1445.96	1937.09
3	1438.03	1672.67	1446.10	1937.09
4	1438.09	1672.68	1446.25	1937.08
5	1438.15	1672.68	1446.39	1937.08
6	1438.20	1672.68	1446.53	1937.08
7	1438.26	1672.69	1446.67	1937.07
8	1438.32	1672.69	1446.82	1937.07
9	1438.38	1672.69	1446.96	1937.07
10	1438.43	1672.70	1447.10	1937.06
11	1438.49	1672.70	1447.24	1937.06
12	1438.55	1672.70	1447.39	1937.06
13	1438.61	1672.71	1447.53	1937.05
14	1438.66	1672.71	1447.67	1937.05
15	1438.72	1672.71	1447.81	1937.05
16	1438.78	1672.72	1447.95	1937.05
17	1438.84	1672.72	1448.10	1937.04
18	1438.89	1672.72	1448.24	1937.04
19	1438.95	1672.73	1448.38	1937.04
20	1439.01	1672.73	1448.52	1937.03
21	1439.07	1672.73	1448.67	1937.03
22	1439.13	1672.74	1448.81	1937.03
23	1439.18	1672.74	1448.95	1937.02
24	1439.24	1672.74	1449.09	1937.02
25	1439.30	1672.75	1449.24	1937.02
26	1439.36	1672.75	1449.38	1937.02
27	1439.41	1672.75	1449.52	1937.01
28	1439.47	1672.76	1449.66	1937.01
29	1439.53	1672.76	1449.81	1937.01
30	1439.59	1672.76	1449.95	1937.00
31	1439.64	1672.77	1450.09	1937.00
32	1439.70	1672.77	1450.23	1937.00

CCC NOAA10 - 1987 JUNE

ERBE PFM NONSCANNER (NOAA10)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.5230	.0	.0	-.4216	23.8202		(88/02/17)
MFOV/TOT	-24.9137	.0	.0	-1.3377	29.3318	-.03102	(89/11/13)
WFOV/SW	-23.2215	.0	.0	-1.9825	22.4009		(88/02/17)
MFOV/SW	-25.0633	.0	.0	-3.3751	29.1677	-.02270	(89/11/13)

DAILY B-OFFSET FOR ERBE
PROTO-FLIGHT MODEL (NOAA10) NONSCANNER

NOAA10 - 1987 JUNE

DAY	(90/06/27) WFOV/TOT	(90/06/27) MFOV/TOT	(90/11/16) WFOV/SW	(90/11/16) MFOV/SW
1	1439.70	1672.77	1450.23	1937.00
2	1439.76	1672.77	1450.37	1936.99
3	1439.82	1672.78	1450.52	1936.99
4	1439.87	1672.78	1450.66	1936.99
5	1439.93	1672.78	1450.80	1936.99
6	1439.99	1672.79	1450.94	1936.98
7	1440.05	1672.79	1451.09	1936.98
8	1440.10	1672.79	1451.23	1936.98
9	1440.16	1672.80	1451.37	1936.97
10	1440.22	1672.80	1451.48	1936.97
11	1440.27	1672.82	1451.63	1936.97
12	1440.32	1672.83	1451.77	1936.96
13	1440.37	1672.85	1451.92	1936.96
14	1440.42	1672.86	1452.06	1936.96
15	1440.47	1672.88	1452.21	1936.96
16	1440.52	1672.89	1452.35	1936.95
17	1440.58	1672.91	1452.50	1936.95
18	1440.63	1672.93	1452.64	1936.95
19	1440.68	1672.94	1452.79	1936.94
20	1440.73	1672.96	1452.93	1936.94
21	1440.78	1672.97	1453.08	1936.94
22	1440.83	1672.99	1453.22	1936.93
23	1440.88	1673.00	1453.36	1936.93
24	1440.93	1673.02	1453.51	1936.93
25	1440.97	1673.01	1453.65	1936.93
26	1441.00	1672.99	1453.80	1936.92
27	1441.04	1672.98	1453.94	1936.92
28	1441.07	1672.97	1454.08	1936.92
29	1441.11	1672.95	1454.23	1936.91
30	1441.14	1672.94	1454.37	1936.91
31	1441.18	1672.93	1454.51	1936.91

CCC NOAA10 - 1987 JULY

ERBE PFM NONSCANNER (NOAA10)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot ET + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.5230	.0	.0	-.4216	23.8202		(88/02/17)
WFOV/SW	-25.0305	.0	.0	-1.3439	29.4694	-.03117	(89/11/13)
MFOV/TOT	-23.2215	.0	.0	-1.9825	22.4009		(88/02/17)
MFOV/SW	-25.0633	.0	.0	-3.3751	29.1677	-.02270	(89/11/13)

DAILY B-OFFSET FOR ERBE
PROTO-FLIGHT MODEL (NOAA10) NONSCANNER

NOAA10 - 1987 JULY

DAY	(89/11/24) WFOV/TOT	(89/11/24) MFOV/TOT	(89/11/24) WFOV/SW	(89/11/24) MFOV/SW
1	1440.65	1673.50	1454.56	1933.19
2	1440.72	1673.49	1454.71	1933.20
3	1440.79	1673.47	1454.87	1933.22
4	1440.86	1673.46	1455.03	1933.23
5	1440.93	1673.44	1455.19	1933.25
6	1441.01	1673.43	1455.35	1933.26
7	1441.08	1673.41	1455.51	1933.28
8	1441.15	1673.40	1455.67	1933.29
9	1441.17	1673.39	1455.84	1933.32
10	1441.19	1673.37	1456.01	1933.36
11	1441.21	1673.36	1456.17	1933.39
12	1441.23	1673.34	1456.34	1933.42
13	1441.25	1673.33	1456.51	1933.46
14	1441.27	1673.31	1456.68	1933.49
15	1441.29	1673.30	1456.85	1933.53
16	1441.31	1673.29	1457.01	1933.56
17	1441.33	1673.27	1457.18	1933.59
18	1441.35	1673.26	1457.35	1933.63
19	1441.37	1673.24	1457.52	1933.66
20	1441.39	1673.23	1457.68	1933.69
21	1441.41	1673.21	1457.85	1933.73
22	1441.43	1673.20	1458.02	1933.76
23	1441.43	1673.22	1458.13	1933.81
24	1441.43	1673.23	1458.23	1933.86
25	1441.43	1673.25	1458.34	1933.92
26	1441.44	1673.27	1458.44	1933.97
27	1441.44	1673.29	1458.55	1934.02
28	1441.44	1673.30	1458.65	1934.07
29	1441.44	1673.32	1458.76	1934.13
30	1441.44	1673.34	1458.87	1934.18
31	1441.44	1673.35	1458.97	1934.23
32	1441.44	1673.37	1459.08	1934.28

CCC NOAA10 - 1987 AUGUST

ERBE PFM NONSCANNER (NOAA10)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.5230	.0	.0	-.4216	23.8202		(88/02/17)
MFOV/TOT	-25.1044	.0	.0	-1.3479	29.5564	-.03126	(89/11/13)
WFOV/SW	-23.2215	.0	.0	-1.9825	22.4009		(88/02/17)
MFOV/SW	-25.0633	.0	.0	-3.3751	29.1677	-.02270	(89/11/13)

DAILY B-OFFSET FOR ERBE
PROTO-FLIGHT MODEL (NOAA10) NONSCANNER

NOAA10 - 1987 AUGUST

DAY	(90/06/27) WFOV/TOT	(90/06/27) MFOV/TOT	(90/11/16) WFOV/SW	(90/10/25) MFOV/SW
1	1441.93	1672.83	1458.91	1936.81
2	1441.93	1672.84	1459.05	1936.81
3	1441.93	1672.86	1459.19	1936.81
4	1441.93	1672.88	1459.33	1936.81
5	1441.93	1672.90	1459.47	1936.80
6	1442.00	1672.99	1459.61	1936.80
7	1442.07	1673.09	1459.75	1936.80
8	1442.14	1673.18	1459.89	1936.79
9	1442.20	1673.27	1460.03	1936.79
10	1442.27	1673.37	1460.17	1936.79
11	1442.34	1673.46	1460.31	1936.78
12	1442.41	1673.56	1460.45	1936.78
13	1442.48	1673.65	1460.59	1936.78
14	1442.55	1673.74	1460.73	1936.78
15	1442.62	1673.84	1460.87	1936.77
16	1442.68	1673.93	1461.00	1936.77
17	1442.75	1674.02	1461.14	1936.77
18	1442.82	1674.12	1461.28	1936.76
19	1442.89	1674.21	1461.42	1936.76
20	1442.81	1674.20	1461.50	1936.76
21	1442.72	1674.19	1461.63	1936.75
22	1442.64	1674.19	1461.76	1936.75
23	1442.56	1674.18	1461.90	1936.75
24	1442.48	1674.17	1462.03	1936.74
25	1442.39	1674.16	1462.17	1936.74
26	1442.31	1674.16	1462.30	1936.74
27	1442.23	1674.15	1462.43	1936.74
28	1442.14	1674.14	1462.57	1936.73
29	1442.06	1674.13	1462.70	1936.73
30	1441.98	1674.12	1462.83	1936.73
31	1441.90	1674.12	1462.96	1936.72
32	1441.81	1674.11	1463.10	1936.72

CCC NOAA10 - 1987 SEPTEMBER

ERBE PFM NONSCANNER (NOAA10)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.5230	.0	.0	-.4216	23.8202		(88/02/17)
MFOV/TOT	-25.1750	.0	.0	-1.3517	29.6395	-.03135	(89/11/13)
WFOV/SW	-23.2215	.0	.0	-1.9825	22.4009		(88/02/17)
MFOV/SW	-25.0633	.0	.0	-3.3751	29.1677	-.02270	(89/11/13)

DAILY B-OFFSET FOR ERBE
PROTO-FLIGHT MODEL (NOAA10) NONSCANNER

NOAA10 - 1987 SEPTEMBER

	(90/06/27)	(90/06/27)	(90/11/16)	(90/10/25)
DAY	WFOV/TOT	MFOV/TOT	WFOV/SW	MFOV/SW
1	1441.81	1674.11	1463.10	1936.72
2	1441.73	1674.10	1463.23	1936.72
3	1441.75	1674.08	1463.36	1936.71
4	1441.77	1674.05	1463.49	1936.71
5	1441.80	1674.03	1463.62	1936.71
6	1441.82	1674.00	1463.75	1936.71
7	1441.84	1673.98	1463.89	1936.70
8	1441.86	1673.95	1464.02	1936.70
9	1441.89	1673.93	1464.15	1936.70
10	1441.91	1673.91	1464.28	1936.69
11	1441.93	1673.88	1464.41	1936.69
12	1441.95	1673.86	1464.54	1936.69
13	1441.97	1673.83	1464.67	1936.68
14	1442.00	1673.81	1464.80	1936.68
15	1442.02	1673.78	1464.93	1936.68
16	1442.04	1673.76	1465.06	1936.68
17	1442.09	1673.79	1465.19	1936.67
18	1442.13	1673.82	1465.31	1936.67
19	1442.18	1673.85	1465.44	1936.67
20	1442.22	1673.88	1465.57	1936.66
21	1442.27	1673.91	1465.70	1936.66
22	1442.31	1673.94	1465.83	1936.66
23	1442.36	1673.97	1465.96	1936.65
24	1442.40	1673.99	1466.08	1936.65
25	1442.45	1674.02	1466.21	1936.65
26	1442.49	1674.05	1466.34	1936.65
27	1442.54	1674.08	1466.47	1936.64
28	1442.58	1674.11	1466.59	1936.64
29	1442.63	1674.14	1466.72	1936.64
30	1442.67	1674.17	1466.85	1936.63
31	1442.72	1674.18	1466.97	1936.63

CCC NOAA10 - 1987 OCTOBER

ERBE PFM NONSCANNER (NOAA10)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.5230	.0	.0	-.4216	23.8202		(88/02/17)
MFOV/TOT	-25.2422	.0	.0	-1.3553	29.7186	-.03143	(89/11/13)
WFOV/SW	-23.2215	.0	.0	-1.9825	22.4009		(88/02/17)
MFOV/SW	-25.0633	.0	.0	-3.3751	29.1677	-.02270	(89/11/13)

DAILY B-OFFSET FOR ERBE
PROTO-FLIGHT MODEL (NOAA10) NONSCANNER

NOAA10 - 1987 OCTOBER

	(90/06/27)	(90/06/27)	(90/11/16)	(90/10/25)
DAY	WFOV/TOT	MFOV/TOT	WFOV/SW	MFOV/SW
1	1442.72	1674.18	1466.97	1936.63
2	1442.76	1674.20	1467.10	1936.63
3	1442.81	1674.21	1467.22	1936.62
4	1442.85	1674.22	1467.35	1936.62
5	1442.90	1674.24	1467.48	1936.62
6	1442.94	1674.25	1467.60	1936.62
7	1442.99	1674.27	1467.73	1936.61
8	1443.03	1674.28	1467.85	1936.61
9	1443.08	1674.29	1467.98	1936.61
10	1443.12	1674.31	1468.10	1936.60
11	1443.17	1674.32	1468.23	1936.60
12	1443.21	1674.33	1468.35	1936.60
13	1443.26	1674.35	1468.47	1936.59
14	1443.30	1674.36	1468.60	1936.59
15	1443.35	1674.36	1468.72	1936.59
16	1443.39	1674.35	1468.84	1936.59
17	1443.44	1674.35	1468.97	1936.58
18	1443.48	1674.35	1469.09	1936.58
19	1443.53	1674.34	1469.21	1936.58
20	1443.57	1674.34	1469.34	1936.57
21	1443.62	1674.34	1469.46	1936.57
22	1443.66	1674.33	1469.58	1936.57
23	1443.71	1674.33	1469.70	1936.56
24	1443.75	1674.32	1469.83	1936.56
25	1443.80	1674.32	1469.95	1936.56
26	1443.84	1674.32	1470.07	1936.56
27	1443.89	1674.31	1470.19	1936.55
28	1443.93	1674.31	1470.31	1936.55
29	1443.96	1674.33	1470.43	1936.55
30	1444.00	1674.35	1470.55	1936.54
31	1444.03	1674.38	1470.67	1936.54
32	1444.06	1674.40	1470.79	1936.54

CCC NOAA10 - 1987 NOVEMBER

ERBE PFM NONSCANNER (NOAA10)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.5230	.0	.0	-.4216	23.8202		(88/02/17)
MFOV/TOT	-25.3061	.0	.0	-1.3587	29.7938	-.03151	(89/11/13)
WFOV/SW	-23.2215	.0	.0	-1.9825	22.4009		(88/02/17)
MFOV/SW	-25.0633	.0	.0	-3.3751	29.1677	-.02270	(89/11/13)

DAILY B-OFFSET FOR ERBE
PROTO-FLIGHT MODEL (NOAA10) NONSCANNER

NOAA10 - 1987 NOVEMBER

DAY	(90/06/27) WFOV/TOT	(90/06/27) MFOV/TOT	(90/11/16) WFOV/SW	(90/10/25) MFOV/SW
1	1444.06	1674.40	1470.79	1936.54
2	1444.09	1674.42	1470.91	1936.53
3	1444.13	1674.44	1471.03	1936.53
4	1444.16	1674.47	1471.15	1936.53
5	1444.19	1674.49	1471.27	1936.53
6	1444.23	1674.51	1471.39	1936.52
7	1444.26	1674.53	1471.51	1936.52
8	1444.29	1674.55	1471.63	1936.52
9	1444.32	1674.58	1471.75	1936.51
10	1444.36	1674.60	1471.87	1936.51
11	1444.39	1674.62	1471.99	1936.51
12	1444.48	1674.60	1472.10	1936.50
13	1444.56	1674.59	1472.22	1936.50
14	1444.65	1674.57	1472.34	1936.50
15	1444.73	1674.55	1472.46	1936.50
16	1444.82	1674.54	1472.57	1936.49
17	1444.90	1674.52	1472.69	1936.49
18	1444.99	1674.51	1472.81	1936.49
19	1445.07	1674.49	1472.93	1936.48
20	1445.16	1674.47	1473.04	1936.48
21	1445.24	1674.46	1473.16	1936.48
22	1445.33	1674.44	1473.27	1936.47
23	1445.41	1674.42	1473.39	1936.47
24	1445.50	1674.41	1473.51	1936.47
25	1445.58	1674.39	1473.62	1936.47
26	1445.65	1674.41	1473.74	1936.46
27	1445.72	1674.43	1473.85	1936.46
28	1445.79	1674.45	1473.97	1936.46
29	1445.85	1674.47	1474.08	1936.45
30	1445.92	1674.49	1474.20	1936.45
31	1445.99	1674.51	1474.31	1936.45

CCC NOAA10 - 1987 DECEMBER

ERBE PFM NONSCANNER (NOAA10)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.5230	.0	.0	-.4216	23.8202		(88/02/17)
MFOV/TOT	-25.3664	.0	.0	-1.3620	29.8648	-.03159	(89/11/13)
WFOV/SW	-23.2215	.0	.0	-1.9825	22.4009		(88/02/17)
MFOV/SW	-25.0633	.0	.0	-3.3751	29.1677	-.02270	(89/11/13)

DAILY B-OFFSET FOR ERBE
PROTO-FLIGHT MODEL (NOAA10) NONSCANNER

NOAA10 - 1987 DECEMBER

	(90/06/27)	(90/06/27)	(90/11/16)	(90/10/25)
DAY	WFOV/TOT	MFOV/TOT	WFOV/SW	MFOV/SW
1	1445.99	1674.51	1474.31	1936.45
2	1446.06	1674.53	1474.43	1936.44
3	1446.13	1674.54	1474.54	1936.44
4	1446.20	1674.56	1474.65	1936.44
5	1446.27	1674.58	1474.77	1936.43
6	1446.33	1674.60	1474.88	1936.43
7	1446.40	1674.62	1474.99	1936.43
8	1446.47	1674.64	1475.11	1936.43
9	1446.54	1674.66	1475.22	1936.42
10	1446.75	1674.65	1475.33	1936.42
11	1446.95	1674.64	1475.44	1936.42
12	1447.16	1674.63	1475.56	1936.41
13	1447.36	1674.62	1475.67	1936.41
14	1447.57	1674.61	1475.78	1936.41
15	1447.77	1674.60	1475.89	1936.40
16	1447.98	1674.59	1476.00	1936.40
17	1448.18	1674.57	1476.12	1936.40
18	1448.39	1674.56	1476.23	1936.40
19	1448.59	1674.55	1476.34	1936.39
20	1448.80	1674.54	1476.45	1936.39
21	1449.00	1674.53	1476.56	1936.39
22	1449.21	1674.52	1476.67	1936.38
23	1449.41	1674.51	1476.78	1936.38
24	1449.58	1674.52	1476.89	1936.38
25	1449.74	1674.53	1477.00	1936.37
26	1449.91	1674.54	1477.11	1936.37
27	1450.08	1674.55	1477.22	1936.37
28	1450.25	1674.56	1477.33	1936.37
29	1450.41	1674.57	1477.44	1936.36
30	1450.58	1674.59	1477.54	1936.36
31	1450.75	1674.60	1477.65	1936.36
32	1450.91	1674.61	1477.76	1936.35

CCC NOAA10 - 1988 JANUARY

ERBE PFM NONSCANNER (NOAA10)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^{\,2} + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^{\,2} + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.5230	.0	.0	-.4216	23.8202		(88/02/17)
WFOV/SW	-25.4504	.0	.0	-1.3665	29.9637	-.03169	(89/11/13)
MFOV/TOT	-23.2215	.0	.0	-1.9825	22.4009		(88/02/17)
MFOV/SW	-25.0633	.0	.0	-3.3751	29.1677	-.02270	(89/11/13)

DAILY B-OFFSET FOR ERBE
PROTO-FLIGHT MODEL (NOAA10) NONSCANNER

NOAA10 - 1988 JANUARY

DAY	(91/04/03) WFOV/TOT	(91/04/03) MFOV/TOT	(91/04/03) WFOV/SW	(91/04/03) MFOV/SW
1	1450.91	1674.61	1477.76	1936.35
2	1451.08	1674.62	1477.87	1936.35
3	1451.25	1674.63	1477.98	1936.35
4	1451.42	1674.64	1478.09	1936.34
5	1451.58	1674.65	1478.19	1936.34
6	1451.75	1674.66	1478.30	1936.34
7	1451.89	1674.70	1478.41	1936.34
8	1452.03	1674.75	1478.51	1936.33
9	1452.17	1674.79	1478.62	1936.33
10	1452.31	1674.84	1478.73	1936.33
11	1452.45	1674.88	1478.83	1936.32
12	1452.59	1674.93	1478.94	1936.32
13	1452.74	1674.97	1479.05	1936.32
14	1452.88	1675.01	1479.15	1936.31
15	1453.02	1675.06	1479.26	1936.31
16	1453.16	1675.10	1479.36	1936.31
17	1453.30	1675.15	1479.47	1936.31
18	1453.44	1675.19	1479.57	1936.30
19	1453.58	1675.24	1479.68	1936.30
20	1453.72	1675.28	1479.78	1936.30
21	1453.54	1675.28	1479.89	1936.29
22	1453.35	1675.28	1479.99	1936.29
23	1453.17	1675.28	1480.10	1936.29
24	1452.99	1675.29	1480.20	1936.28
25	1452.80	1675.29	1480.30	1936.28
26	1452.62	1675.29	1480.41	1936.28
27	1452.44	1675.29	1480.51	1936.28
28	1452.25	1675.29	1480.61	1936.27
29	1452.07	1675.29	1480.72	1936.27
30	1451.88	1675.29	1480.82	1936.27
31	1451.70	1675.30	1480.92	1936.26
32	1451.52	1675.30	1481.02	1936.26

CCC NOAA10 - 1988 FEBRUARY

ERBE PFM NONSCANNER (NOAA10)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^{\,2} + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^{\,2} + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.5230	.0	.0	-.4216	23.8202		(88/02/17)
MFOV/TOT	-25.5019	.0	.0	-1.3692	30.0243	-.03175	(89/11/13)
WFOV/SW	-23.2215	.0	.0	-1.9825	22.4009		(88/02/17)
MFOV/SW	-25.0633	.0	.0	-3.3751	29.1677	-.02270	(89/11/13)

DAILY B-OFFSET FOR ERBE
PROTO-FLIGHT MODEL (NOAA10) NONSCANNER

NOAA10 - 1988 FEBRUARY

DAY	(91/04/04) WFOV/TOT	(91/04/04) MFOV/TOT	(91/04/04) WFOV/SW	(91/04/04) MFOV/SW
1	1451.52	1675.30	1481.02	1936.26
2	1451.33	1675.30	1481.12	1936.26
3	1451.15	1675.30	1481.23	1936.25
4	1451.23	1675.35	1481.33	1936.25
5	1451.30	1675.40	1481.43	1936.25
6	1451.38	1675.45	1481.53	1936.25
7	1451.46	1675.50	1481.63	1936.24
8	1451.53	1675.55	1481.73	1936.24
9	1451.61	1675.60	1481.83	1936.24
10	1451.69	1675.65	1481.93	1936.23
11	1451.76	1675.70	1482.03	1936.23
12	1451.84	1675.75	1482.13	1936.23
13	1451.91	1675.80	1482.23	1936.22
14	1451.99	1675.85	1482.33	1936.22
15	1452.07	1675.90	1482.43	1936.22
16	1452.14	1675.95	1482.53	1936.22
17	1452.22	1676.00	1482.63	1936.21
18	1452.30	1676.00	1482.73	1936.21
19	1452.37	1675.99	1482.83	1936.21
20	1452.45	1675.99	1482.93	1936.20
21	1452.53	1675.99	1483.03	1936.20
22	1452.61	1675.98	1483.13	1936.20
23	1452.68	1675.98	1483.22	1936.19
24	1452.76	1675.98	1483.32	1936.19
25	1452.84	1675.97	1483.42	1936.19
26	1452.91	1675.97	1483.52	1936.19
27	1452.99	1675.96	1483.61	1936.18
28	1453.07	1675.96	1483.71	1936.18
29	1453.15	1675.96	1483.81	1936.18
30	1453.22	1675.95	1483.90	1936.17

CCC NOAA10 - 1988 MARCH

ERBE PFM NONSCANNER (NOAA10)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.5230	.0	.0	-.4216	23.8202		(88/02/17)
MFOV/TOT	-25.5497	.0	.0	-1.3718	30.0807	-.03181	(89/11/13)
WFOV/SW	-23.2215	.0	.0	-1.9825	22.4009		(88/02/17)
MFOV/SW	-25.0633	.0	.0	-3.3751	29.1677	-.02270	(89/11/13)

DAILY B-OFFSET FOR ERBE
PROTO-FLIGHT MODEL (NOAA10) NONSCANNER

NOAA10 - 1988 MARCH

DAY	(91/04/04) WFOV/TOT	(91/04/04) MFOV/TOT	(91/04/04) WFOV/SW	(91/04/04) MFOV/SW
1	1453.22	1675.95	1483.90	1936.17
2	1453.30	1675.95	1484.00	1936.17
3	1453.38	1675.95	1484.10	1936.17
4	1453.45	1675.94	1484.19	1936.16
5	1453.53	1675.94	1484.29	1936.16
6	1453.61	1675.94	1484.38	1936.16
7	1453.69	1675.93	1484.48	1936.15
8	1453.76	1675.93	1484.57	1936.15
9	1453.84	1675.93	1484.67	1936.15
10	1453.92	1675.92	1484.76	1936.15
11	1453.99	1675.92	1484.86	1936.14
12	1454.07	1675.91	1484.95	1936.14
13	1454.15	1675.91	1485.05	1936.14
14	1454.23	1675.91	1485.14	1936.13
15	1454.30	1675.90	1485.24	1936.13
16	1454.38	1675.90	1485.33	1936.13
17	1454.41	1675.94	1485.42	1936.12
18	1454.43	1675.98	1485.52	1936.12
19	1454.46	1676.02	1485.61	1936.12
20	1454.48	1676.06	1485.70	1936.12
21	1454.51	1676.11	1485.79	1936.11
22	1454.54	1676.15	1485.89	1936.11
23	1454.56	1676.19	1485.98	1936.11
24	1454.59	1676.23	1486.07	1936.10
25	1454.61	1676.27	1486.16	1936.10
26	1454.64	1676.31	1486.25	1936.10
27	1454.67	1676.35	1486.35	1936.09
28	1454.69	1676.39	1486.44	1936.09
29	1454.72	1676.43	1486.53	1936.09
30	1454.75	1676.48	1486.62	1936.09
31	1454.77	1676.52	1486.71	1936.08
32	1454.80	1676.56	1486.80	1936.08

CCC NOAA10 - 1988 APRIL

ERBE PFM NONSCANNER (NOAA10)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.5230	.0	.0	-.4216	23.8202		(88/02/17)
MFOV/TOT	-25.5939	.0	.0	-1.3742	30.1327	-.03187	(89/11/13)
WFOV/SW	-23.2215	.0	.0	-1.9825	22.4009		(88/02/17)
MFOV/SW	-25.0633	.0	.0	-3.3751	29.1677	-.02270	(89/11/13)

DAILY B-OFFSET FOR ERBE
PROTO-FLIGHT MODEL (NOAA10) NONSCANNER

NOAA10 - 1988 APRIL

	(91/04/04)	(91/04/04)	(91/04/04)	(91/04/04)
DAY	WFOV/TOT	MFOV/TOT	WFOV/SW	MFOV/SW
1	1454.79	1676.55	1486.80	1936.08
2	1454.82	1676.59	1486.89	1936.08
3	1454.85	1676.64	1486.98	1936.07
4	1454.87	1676.68	1487.07	1936.07
5	1454.90	1676.72	1487.16	1936.07
6	1454.93	1676.76	1487.25	1936.06
7	1454.95	1676.80	1487.34	1936.06
8	1454.98	1676.84	1487.43	1936.06
9	1455.00	1676.88	1487.52	1936.06
10	1455.03	1676.93	1487.61	1936.05
11	1455.06	1676.97	1487.70	1936.05
12	1455.08	1677.01	1487.78	1936.05
13	1455.11	1677.05	1487.87	1936.04
14	1455.12	1677.04	1487.96	1936.04
15	1455.14	1677.03	1488.05	1936.04
16	1455.15	1677.02	1488.13	1936.03
17	1455.16	1677.00	1488.22	1936.03
18	1455.17	1676.99	1488.31	1936.03
19	1455.19	1676.98	1488.40	1936.03
20	1455.20	1676.97	1488.48	1936.02
21	1455.21	1676.96	1488.57	1936.02
22	1455.23	1676.95	1488.66	1936.02
23	1455.24	1676.94	1488.74	1936.01
24	1455.25	1676.92	1488.83	1936.01
25	1455.26	1676.91	1488.91	1936.01
26	1455.28	1676.90	1489.00	1936.00
27	1455.29	1676.89	1489.09	1936.00
28	1455.30	1676.88	1489.17	1936.00
29	1455.31	1676.87	1489.26	1936.00
30	1455.33	1676.86	1489.34	1935.99
31	1455.34	1676.84	1489.42	1935.99

CCC NOAA10 - 1988 MAY

ERBE PFM NONSCANNER (NOAA10)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.5230	.0	.0	-.4216	23.8202		(88/02/17)
MFOV/TOT	-25.6344	.0	.0	-1.3764	30.1803	-.03192	(89/11/13)
WFOV/SW	-23.2215	.0	.0	-1.9825	22.4009		(88/02/17)
MFOV/SW	-25.0633	.0	.0	-3.3751	29.1677	-.02270	(89/11/13)

DAILY B-OFFSET FOR ERBE
PROTO-FLIGHT MODEL (NOAA10) NONSCANNER

NOAA10 - 1988 MAY

DAY	(91/04/04) WFOV/TOT	(91/04/04) MFOV/TOT	(91/04/04) WFOV/SW	(91/04/04) MFOV/SW
1	1455.34	1676.84	1489.42	1935.99
2	1455.35	1676.83	1489.51	1935.99
3	1455.36	1676.82	1489.59	1935.98
4	1455.38	1676.81	1489.68	1935.98
5	1455.39	1676.80	1489.76	1935.98
6	1455.40	1676.79	1489.85	1935.97
7	1455.41	1676.78	1489.93	1935.97
8	1455.42	1676.76	1490.01	1935.97
9	1455.44	1676.75	1490.09	1935.97
10	1455.45	1676.74	1490.18	1935.96
11	1455.46	1676.73	1490.26	1935.96
12	1455.39	1676.70	1490.34	1935.96
13	1455.32	1676.68	1490.43	1935.95
14	1455.25	1676.65	1490.51	1935.95
15	1455.17	1676.62	1490.59	1935.95
16	1455.10	1676.59	1490.67	1935.94
17	1455.03	1676.57	1490.75	1935.94
18	1454.96	1676.54	1490.83	1935.94
19	1454.89	1676.51	1490.91	1935.94
20	1454.82	1676.49	1491.00	1935.93
21	1454.75	1676.46	1491.08	1935.93
22	1454.67	1676.43	1491.16	1935.93
23	1454.60	1676.40	1491.24	1935.92
24	1454.53	1676.38	1491.32	1935.92
25	1454.46	1676.35	1491.40	1935.92
26	1454.65	1676.39	1491.48	1935.91
27	1454.84	1676.42	1491.56	1935.91
28	1455.03	1676.46	1491.64	1935.91
29	1455.22	1676.49	1491.72	1935.91
30	1455.41	1676.53	1491.79	1935.90
31	1455.60	1676.56	1491.87	1935.90
32	1455.79	1676.60	1491.95	1935.90

CCC NOAA10 - 1988 JUNE

ERBE PFM NONSCANNER (NOAA10)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.5230	.0	.0	-.4216	23.8202		(88/02/17)
MFOV/TOT	-25.6566	.0	.0	-1.3775	30.2064	-.03195	(91/03/04)
WFOV/SW	-23.2215	.0	.0	-1.9825	22.4009		(88/02/17)
MFOV/SW	-25.0272	.0	.0	-3.3702	29.1257	-.02267	(91/03/04)

DAILY B-OFFSET FOR ERBE
PROTO-FLIGHT MODEL (NOAA10) NONSCANNER

NOAA10 - 1988 JUNE

DAY	(91/04/04) WFOV/TOT	(91/04/04) MFOV/TOT	(91/04/04) WFOV/SW	(91/04/04) MFOV/SW
1	1455.79	1676.60	1491.76	1935.90
2	1455.98	1676.63	1491.64	1935.89
3	1456.17	1676.67	1491.53	1935.89
4	1456.36	1676.70	1491.42	1935.89
5	1456.55	1676.74	1491.30	1935.88
6	1456.74	1676.77	1491.19	1935.88
7	1456.93	1676.81	1491.07	1935.88
8	1457.12	1676.84	1490.96	1935.88
9	1457.01	1676.83	1491.04	1935.87
10	1456.89	1676.81	1491.12	1935.87
11	1456.78	1676.80	1491.20	1935.87
12	1456.67	1676.78	1491.29	1935.86
13	1456.55	1676.77	1491.37	1935.86
14	1456.44	1676.75	1491.45	1935.86
15	1456.33	1676.74	1491.53	1935.85
16	1456.21	1676.72	1491.61	1935.85
17	1456.10	1676.71	1491.69	1935.85
18	1455.98	1676.69	1491.77	1935.84
19	1455.87	1676.68	1491.86	1935.84
20	1455.76	1676.66	1491.94	1935.84
21	1455.64	1676.65	1492.02	1935.84
22	1455.53	1676.63	1492.10	1935.83
23	1455.51	1676.63	1492.17	1935.83
24	1455.48	1676.62	1492.23	1935.83
25	1455.46	1676.62	1492.30	1935.82
26	1455.43	1676.61	1492.36	1935.82
27	1455.41	1676.61	1492.43	1935.82
28	1455.38	1676.60	1492.49	1935.81
29	1455.36	1676.60	1492.56	1935.81
30	1455.33	1676.60	1492.62	1935.81
31	1455.31	1676.59	1492.69	1935.81

CCC NOAA10 - 1988 JULY

ERBE PFM NONSCANNER (NOAA10)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.5230	.0	.0	-.4216	23.8202		(88/02/17)
WFOV/SW	-25.6355	.0	.0	-1.3764	30.1816	-.03192	(91/03/04)
MFOV/TOT	-23.2215	.0	.0	-1.9825	22.4009		(88/02/17)
MFOV/SW	-25.0721	.0	.0	-3.3763	29.1779	-.02271	(91/03/04)

DAILY B-OFFSET FOR ERBE
PROTO-FLIGHT MODEL (NOAA10) NONSCANNER

NOAA10 - 1988 JULY

DAY	(91/04/04) WFOV/TOT	(91/04/04) MFOV/TOT	(91/04/04) WFOV/SW	(91/04/04) MFOV/SW
1	1455.31	1676.59	1492.69	1935.81
2	1455.28	1676.59	1492.75	1935.80
3	1455.26	1676.58	1492.82	1935.80
4	1455.23	1676.58	1492.88	1935.80
5	1455.21	1676.57	1492.95	1935.79
6	1455.18	1676.57	1493.01	1935.79
7	1455.25	1676.59	1492.89	1935.79
8	1455.33	1676.61	1492.77	1935.78
9	1455.40	1676.63	1492.65	1935.78
10	1455.47	1676.65	1492.52	1935.78
11	1455.55	1676.67	1492.40	1935.78
12	1455.62	1676.69	1492.28	1935.77
13	1455.70	1676.71	1492.16	1935.77
14	1455.77	1676.72	1492.04	1935.77
15	1455.84	1676.74	1491.92	1935.76
16	1455.92	1676.76	1491.80	1935.76
17	1455.99	1676.78	1491.67	1935.76
18	1456.06	1676.80	1491.55	1935.75
19	1456.14	1676.82	1491.43	1935.75
20	1456.21	1676.84	1491.31	1935.75
21	1456.23	1676.84	1491.43	1935.75
22	1456.25	1676.85	1491.55	1935.74
23	1456.28	1676.85	1491.67	1935.74
24	1456.30	1676.85	1491.79	1935.74
25	1456.32	1676.86	1491.91	1935.73
26	1456.34	1676.86	1492.03	1935.73
27	1456.37	1676.87	1492.16	1935.73
28	1456.39	1676.87	1492.28	1935.72
29	1456.41	1676.87	1492.40	1935.72
30	1456.43	1676.88	1492.52	1935.72
31	1456.45	1676.88	1492.64	1935.72
32	1456.48	1676.88	1492.76	1935.71

CCC NOAA10 - 1988 AUGUST

ERBE PFM NONSCANNER (NOAA10)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.5230	.0	.0	-.4216	23.8202		(88/02/17)
WFOV/SW	-25.6763	.0	.0	-1.3786	30.2296	-.03197	(91/03/04)
MFOV/TOT	-23.2215	.0	.0	-1.9825	22.4009		(88/02/17)
MFOV/SW	-25.0907	.0	.0	-3.3788	29.1996	-.02272	(91/03/04)

DAILY B-OFFSET FOR ERBE
PROTO-FLIGHT MODEL (NOAA10) NONSCANNER

NOAA10 - 1988 AUGUST

DAY	(91/04/04) WFOV/TOT	(91/04/04) MFOV/TOT	(91/04/04) WFOV/SW	(91/04/04) MFOV/SW
1	1456.48	1676.88	1492.76	1935.71
2	1456.50	1676.89	1492.88	1935.71
3	1456.52	1676.89	1493.00	1935.71
4	1456.59	1676.88	1493.01	1935.70
5	1456.67	1676.86	1493.02	1935.70
6	1456.74	1676.85	1493.03	1935.70
7	1456.82	1676.84	1493.04	1935.69
8	1456.89	1676.82	1493.05	1935.69
9	1456.97	1676.81	1493.06	1935.69
10	1457.04	1676.80	1493.07	1935.69
11	1457.11	1676.78	1493.07	1935.68
12	1457.19	1676.77	1493.08	1935.68
13	1457.26	1676.75	1493.09	1935.68
14	1457.34	1676.74	1493.10	1935.67
15	1457.41	1676.73	1493.11	1935.67
16	1457.49	1676.71	1493.12	1935.67
17	1457.56	1676.70	1493.13	1935.66
18	1457.48	1676.68	1493.17	1935.66
19	1457.40	1676.65	1493.21	1935.66
20	1457.32	1676.63	1493.25	1935.66
21	1457.24	1676.60	1493.29	1935.65
22	1457.16	1676.58	1493.33	1935.65
23	1457.08	1676.55	1493.37	1935.65
24	1457.00	1676.53	1493.41	1935.64
25	1456.91	1676.51	1493.44	1935.64
26	1456.83	1676.48	1493.48	1935.64
27	1456.75	1676.46	1493.52	1935.63
28	1456.67	1676.43	1493.56	1935.63
29	1456.59	1676.41	1493.60	1935.63
30	1456.51	1676.38	1493.64	1935.63
31	1456.43	1676.36	1493.68	1935.61
32	1456.56	1676.33	1493.64	1935.62

CCC NOAA10 - 1988 SEPTEMBER

ERBE PFM NONSCANNER (NOAA10)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^{\,2} + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^{\,2} + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.5230	.0	.0	-.4216	23.8202		(88/02/17)
MFOV/TOT	-25.7067	.0	.0	-1.3802	30.2654	-.03201	(91/03/04)
WFOV/SW	-23.2215	.0	.0	-1.9825	22.4009		(88/02/17)
MFOV/SW	-25.1195	.0	.0	-3.3827	29.2331	-.02275	(91/03/04)

DAILY B-OFFSET FOR ERBE
PROTO-FLIGHT MODEL (NOAA10) NONSCANNER

NOAA10 - 1988 SEPTEMBER

DAY	(91/04/16) WFOV/TOT	(91/04/16) MFOV/TOT	(91/04/16) WFOV/SW	(91/04/16) MFOV/SW
1	1456.56	1676.33	1493.64	1935.61
2	1456.68	1676.30	1493.60	1935.62
3	1456.81	1676.26	1493.56	1935.62
4	1456.94	1676.23	1493.51	1935.62
5	1457.07	1676.20	1493.47	1935.63
6	1457.19	1676.17	1493.43	1935.63
7	1457.32	1676.14	1493.39	1935.64
8	1457.45	1676.10	1493.35	1935.64
9	1457.57	1676.07	1493.31	1935.64
10	1457.70	1676.04	1493.27	1935.65
11	1457.83	1676.01	1493.22	1935.65
12	1457.96	1675.97	1493.18	1935.65
13	1458.08	1675.94	1493.14	1935.66
14	1458.21	1675.91	1493.10	1935.66
15	1458.38	1675.95	1493.40	1935.66
16	1458.54	1675.98	1493.70	1935.67
17	1458.71	1676.02	1494.00	1935.67
18	1458.88	1676.06	1494.31	1935.67
19	1459.05	1676.09	1494.61	1935.68
20	1459.21	1676.13	1494.91	1935.68
21	1459.38	1676.17	1495.21	1935.69
22	1459.55	1676.20	1495.51	1935.69
23	1459.71	1676.24	1495.81	1935.69
24	1459.88	1676.27	1496.11	1935.70
25	1460.05	1676.31	1496.42	1935.70
26	1460.22	1676.35	1496.72	1935.70
27	1460.38	1676.38	1497.02	1935.71
28	1460.55	1676.42	1497.32	1935.71
29	1460.54	1676.42	1497.40	1935.71
30	1460.54	1676.42	1497.48	1935.72
31	1460.53	1676.42	1497.56	1935.72

CCC NOAA10 - 1988 OCTOBER

ERBE PFM NONSCANNER (NOAA10)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.5230	.0	.0	-.4216	23.8202		(88/02/17)
MFOV/TOT	-25.8034	.0	.0	-1.3854	30.3793	-.03213	(91/03/04)
WFOV/SW	-23.2215	.0	.0	-1.9825	22.4009		(88/02/17)
MFOV/SW	-25.0558	.0	.0	-3.3741	29.1590	-.02269	(91/03/04)

DAILY B-OFFSET FOR ERBE
PROTO-FLIGHT MODEL (NOAA10) NONSCANNER

NOAA10 - 1988 OCTOBER

DAY	(91/04/16) WFOV/TOT	(91/04/16) MFOV/TOT	(91/04/16) WFOV/SW	(91/04/16) MFOV/SW
1	1460.53	1676.42	1497.56	1935.72
2	1460.52	1676.42	1497.64	1935.72
3	1460.51	1676.42	1497.72	1935.73
4	1460.51	1676.42	1497.80	1935.73
5	1460.50	1676.42	1497.89	1935.74
6	1460.49	1676.42	1497.97	1935.74
7	1460.49	1676.42	1498.05	1935.74
8	1460.48	1676.42	1498.13	1935.75
9	1460.47	1676.42	1498.21	1935.75
10	1460.46	1676.42	1498.29	1935.75
11	1460.46	1676.42	1498.37	1935.76
12	1460.45	1676.42	1498.45	1935.76
13	1460.44	1676.41	1498.47	1935.76
14	1460.44	1676.41	1498.49	1935.77
15	1460.43	1676.41	1498.51	1935.77
16	1460.42	1676.41	1498.53	1935.77
17	1460.41	1676.41	1498.55	1935.78
18	1460.41	1676.41	1498.57	1935.78
19	1460.40	1676.41	1498.60	1935.79
20	1460.39	1676.41	1498.62	1935.79
21	1460.39	1676.41	1498.64	1935.79
22	1460.38	1676.41	1498.66	1935.80
23	1460.37	1676.41	1498.68	1935.80
24	1460.36	1676.41	1498.70	1935.80
25	1460.36	1676.41	1498.72	1935.81
26	1460.35	1676.41	1498.74	1935.81
27	1460.28	1676.43	1498.81	1935.81
28	1460.22	1676.44	1498.87	1935.82
29	1460.15	1676.46	1498.94	1935.82
30	1460.08	1676.48	1499.01	1935.82
31	1460.02	1676.50	1499.07	1935.83
32	1459.95	1676.51	1499.14	1935.83

CCC NOAA10 - 1988 NOVEMBER

ERBE PFM NONSCANNER (NOAA10)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R{}^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R{}^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.5230	.0	.0	-.4216	23.8202		(88/02/17)
MFOV/TOT	-25.8371	.0	.0	-1.3872	30.4191	-.03217	(91/03/04)
WFOV/SW	-23.2215	.0	.0	-1.9825	22.4009		(88/02/17)
MFOV/SW	-25.0748	.0	.0	-3.3767	29.1811	-.02271	(91/03/04)

DAILY B-OFFSET FOR ERBE
PROTO-FLIGHT MODEL (NOAA10) NONSCANNER

NOAA10 - 1988 NOVEMBER

DAY	(91/04/16) WFOV/TOT	(91/04/16) MFOV/TOT	(91/04/16) WFOV/SW	(91/04/16) MFOV/SW
1	1459.95	1676.51	1499.14	1935.83
2	1459.89	1676.53	1499.21	1935.84
3	1459.82	1676.55	1499.27	1935.84
4	1459.75	1676.56	1499.34	1935.84
5	1459.69	1676.58	1499.40	1935.85
6	1459.62	1676.60	1499.47	1935.85
7	1459.55	1676.62	1499.54	1935.85
8	1459.49	1676.63	1499.60	1935.86
9	1459.42	1676.65	1499.67	1935.86
10	1459.47	1676.66	1499.58	1935.86
11	1459.53	1676.67	1499.49	1935.87
12	1459.58	1676.68	1499.40	1935.87
13	1459.64	1676.69	1499.31	1935.87
14	1459.69	1676.70	1499.22	1935.88
15	1459.75	1676.71	1499.13	1935.88
16	1459.80	1676.72	1499.04	1935.89
17	1459.85	1676.73	1498.94	1935.89
18	1459.91	1676.74	1498.85	1935.89
19	1459.96	1676.75	1498.76	1935.90
20	1460.02	1676.76	1498.67	1935.90
21	1460.07	1676.77	1498.58	1935.90
22	1460.13	1676.78	1498.49	1935.91
23	1460.18	1676.79	1498.40	1935.91
24	1460.19	1676.81	1498.39	1935.91
25	1460.20	1676.83	1498.37	1935.92
26	1460.21	1676.85	1498.36	1935.92
27	1460.22	1676.86	1498.35	1935.92
28	1460.23	1676.88	1498.33	1935.93
29	1460.24	1676.90	1498.32	1935.93
30	1460.25	1676.92	1498.31	1935.94
31	1460.26	1676.94	1498.29	1935.94

CCC NOAA10 - 1988 DECEMBER

ERBE PFM NONSCANNER (NOAA10)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.5230	.0	.0	-.4216	23.8202		(88/02/17)
MFOV/TOT	-25.8396	.0	.0	-1.3874	30.4219	-.03217	(91/03/04)
WFOV/SW	-23.2215	.0	.0	-1.9825	22.4009		(88/02/17)
MFOV/SW	-25.1092	.0	.0	-3.3813	29.2212	-.02274	(91/03/04)

DAILY B-OFFSET FOR ERBE
PROTO-FLIGHT MODEL (NOAA10) NONSCANNER

NOAA10 - 1988 DECEMBER

DAY	(91/07/26) WFOV/TOT	(91/07/26) MFOV/TOT	(91/07/26) WFOV/SW	(91/07/26) MFOV/SW
1	1460.26	1676.94	1498.29	1935.94
2	1460.27	1676.96	1498.28	1935.94
3	1460.28	1676.98	1498.26	1935.95
4	1460.29	1676.99	1498.25	1935.95
5	1460.30	1677.01	1498.24	1935.95
6	1460.31	1677.03	1498.22	1935.96
7	1460.32	1677.05	1498.21	1935.96
8	1460.46	1677.04	1498.31	1935.96
9	1460.61	1677.04	1498.41	1935.97
10	1460.75	1677.03	1498.50	1935.97
11	1460.90	1677.02	1498.60	1935.97
12	1461.04	1677.01	1498.70	1935.98
13	1461.19	1677.01	1498.80	1935.98
14	1461.33	1677.00	1498.90	1935.99
15	1461.47	1676.99	1498.99	1935.99
16	1461.62	1676.99	1499.09	1935.99
17	1461.76	1676.98	1499.19	1936.00
18	1461.91	1676.97	1499.29	1936.00
19	1462.05	1676.96	1499.38	1936.00
20	1462.20	1676.96	1499.48	1936.01
21	1462.34	1676.95	1499.58	1936.01
22	1462.51	1676.97	1499.59	1936.01
23	1462.68	1676.99	1499.61	1936.02
24	1462.85	1677.00	1499.62	1936.02
25	1463.02	1677.02	1499.64	1936.02
26	1463.19	1677.04	1499.65	1936.03
27	1463.36	1677.06	1499.67	1936.03
28	1463.54	1677.08	1499.68	1936.04
29	1463.71	1677.09	1499.69	1936.04
30	1463.88	1677.11	1499.71	1936.04
31	1464.05	1677.13	1499.72	1936.05
32	1464.22	1677.15	1499.74	1936.05

CCC NOAA10 - 1989 JANUARY

ERBE PFM NONSCANNER (NOAA10)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^{\,2} + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^{\,2} + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.5230	.0	.0	-.4216	23.8202		(88/02/17)
MFOV/TOT	-25.8221	.0	.0	-1.3864	30.4014	-.03215	(91/03/04)
WFOV/SW	-23.2215	.0	.0	-1.9825	22.4009		(88/02/17)
MFOV/SW	-25.1071	.0	.0	-3.3810	29.2187	-.02274	(91/03/04)

DAILY B-OFFSET FOR ERBE
PROTO-FLIGHT MODEL (NOAA10) NONSCANNER

NOAA10 - 1989 JANUARY

DAY	(91/07/26) WFOV/TOT	(91/07/26) MFOV/TOT	(91/07/26) WFOV/SW	(91/07/26) MFOV/SW
1	1464.22	1677.15	1499.74	1936.05
2	1464.39	1677.16	1499.75	1936.05
3	1464.56	1677.18	1499.77	1936.06
4	1464.73	1677.20	1499.78	1936.06
5	1464.56	1677.19	1499.69	1936.06
6	1464.39	1677.19	1499.59	1936.07
7	1464.22	1677.18	1499.50	1936.07
8	1464.05	1677.17	1499.41	1936.08
9	1463.88	1677.16	1499.31	1936.08
10	1463.70	1677.16	1499.22	1936.08
11	1463.53	1677.15	1499.13	1936.09
12	1463.36	1677.14	1499.03	1936.09
13	1463.19	1677.14	1498.94	1936.09
14	1463.02	1677.13	1498.85	1936.10
15	1462.85	1677.12	1498.75	1936.10
16	1462.68	1677.11	1498.66	1936.11
17	1462.51	1677.11	1498.57	1936.11
18	1462.34	1677.10	1498.47	1936.11
19	1462.17	1677.09	1498.38	1936.12
20	1461.99	1677.09	1498.29	1936.12
21	1461.82	1677.08	1498.19	1936.12
22	1461.65	1677.07	1498.10	1936.13
23	1461.48	1677.06	1498.01	1936.13
24	1461.31	1677.06	1497.91	1936.14
25	1461.14	1677.05	1497.82	1936.14
26	1461.08	1677.12	1497.72	1936.14
27	1461.01	1677.19	1497.63	1936.15
28	1460.95	1677.26	1497.53	1936.15
29	1460.89	1677.33	1497.43	1936.16
30	1460.83	1677.40	1497.33	1936.16
31	1460.76	1677.47	1497.24	1936.17
32	1460.70	1677.54	1497.14	1936.17

CCC NOAA10 - 1989 FEBRUARY

ERBE PFM NONSCANNER (NOAA10)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.5230	.0	.0	-.4216	23.8202		(88/02/17)
MFOV/TOT	-25.8010	.0	.0	-1.3853	30.3765	-.03213	(91/03/04)
WFOV/SW	-23.2215	.0	.0	-1.9825	22.4009		(88/02/17)
MFOV/SW	-25.1134	.0	.0	-3.3818	29.2260	-.02275	(91/03/04)

DAILY B-OFFSET FOR ERBE
PROTO-FLIGHT MODEL (NOAA10) NONSCANNER

NOAA10 - 1989 FEBRUARY

DAY	(91/07/26) WFOV/TOT	(91/07/26) MFOV/TOT	(91/07/26) WFOV/SW	(91/07/26) MFOV/SW
1	1460.70	1677.54	1497.14	1936.17
2	1460.63	1677.57	1497.00	1936.17
3	1460.56	1677.60	1496.86	1936.18
4	1460.49	1677.63	1496.72	1936.18
5	1460.41	1677.66	1496.59	1936.18
6	1460.34	1677.69	1496.45	1936.19
7	1460.27	1677.72	1496.31	1936.19
8	1460.20	1677.76	1496.17	1936.20
9	1460.13	1677.79	1496.03	1936.20
10	1460.06	1677.82	1495.89	1936.20
11	1459.99	1677.85	1495.75	1936.21
12	1459.91	1677.88	1495.62	1936.21
13	1459.84	1677.91	1495.48	1936.21
14	1459.77	1677.94	1495.34	1936.22
15	1459.70	1677.97	1495.20	1936.22
16	1459.71	1677.94	1495.16	1936.22
17	1459.73	1677.92	1495.12	1936.23
18	1459.74	1677.89	1495.08	1936.23
19	1459.76	1677.86	1495.04	1936.23
20	1459.77	1677.83	1495.00	1936.24
21	1459.79	1677.81	1494.96	1936.24
22	1459.80	1677.78	1494.92	1936.25
23	1459.81	1677.75	1494.87	1936.25
24	1459.83	1677.73	1494.83	1936.25
25	1459.84	1677.70	1494.79	1936.26
26	1459.86	1677.67	1494.75	1936.26
27	1459.87	1677.64	1494.71	1936.26
28	1459.89	1677.62	1494.67	1936.27
29	1459.90	1677.59	1494.63	1936.27
30	1459.95	1677.57	1494.62	1936.27

CCC NOAA10 - 1989 MARCH

ERBE PFM NONSCANNER (NOAA10)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.5230	.0	.0	-.4216	23.8202		(88/02/17)
MFOV/TOT	-25.7730	.0	.0	-1.3838	30.3435	-.03209	(91/03/04)
WFOV/SW	-23.2215	.0	.0	-1.9825	22.4009		(88/02/17)
MFOV/SW	-25.1217	.0	.0	-3.3830	29.2357	-.02275	(91/03/04)

DAILY B-OFFSET FOR ERBE
PROTO-FLIGHT MODEL (NOAA10) NONSCANNER

NOAA10 - 1989 MARCH

DAY	(91/07/26) WFOV/TOT	(91/07/26) MFOV/TOT	(91/07/26) WFOV/SW	(91/07/26) MFOV/SW
1	1459.90	1677.59	1494.63	1936.27
2	1459.95	1677.57	1494.62	1936.27
3	1460.00	1677.54	1494.61	1936.28
4	1460.05	1677.52	1494.60	1936.28
5	1460.10	1677.50	1494.58	1936.28
6	1460.15	1677.48	1494.57	1936.29
7	1460.20	1677.45	1494.56	1936.29
8	1460.25	1677.43	1494.55	1936.30
9	1460.30	1677.41	1494.54	1936.30
10	1460.35	1677.38	1494.53	1936.30
11	1460.40	1677.36	1494.52	1936.31
12	1460.45	1677.34	1494.50	1936.31
13	1460.50	1677.32	1494.49	1936.31
14	1460.55	1677.29	1494.48	1936.32
15	1460.60	1677.27	1494.47	1936.32
16	1460.84	1677.31	1494.31	1936.32
17	1461.08	1677.35	1494.15	1936.33
18	1461.32	1677.39	1493.99	1936.33
19	1461.57	1677.43	1493.83	1936.33
20	1461.81	1677.47	1493.67	1936.34
21	1462.05	1677.51	1493.51	1936.34
22	1462.29	1677.55	1493.35	1936.35
23	1462.53	1677.59	1493.19	1936.35
24	1462.77	1677.63	1493.03	1936.35
25	1463.01	1677.67	1492.87	1936.36
26	1463.26	1677.71	1492.71	1936.36
27	1463.50	1677.75	1492.55	1936.36
28	1463.74	1677.79	1492.39	1936.37
29	1463.98	1677.83	1492.23	1936.37
30	1463.85	1677.83	1492.33	1936.37
31	1463.73	1677.83	1492.42	1936.38
32	1463.60	1677.83	1492.52	1936.38

CCC NOAA10 - 1989 APRIL

ERBE PFM NONSCANNER (NOAA10)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^2 + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.5230	.0	.0	-.4216	23.8202		(88/02/17)
MFOV/TOT	-25.7085	.0	.0	-1.3803	30.2676	-.03201	(91/03/04)
WFOV/SW	-23.2215	.0	.0	-1.9825	22.4009		(88/02/17)
MFOV/SW	-25.0798	.0	.0	-3.3773	29.1868	-.02271	(91/03/04)

DAILY B-OFFSET FOR ERBE
PROTO-FLIGHT MODEL (NOAA10) NONSCANNER

NOAA10 - 1989 APRIL

	(91/10/23)	(91/10/23)	(91/10/23)	(91/10/23)
DAY	WFOV/TOT	MFOV/TOT	WFOV/SW	MFOV/SW
1	1463.60	1677.83	1492.52	1936.38
2	1463.47	1677.83	1492.62	1936.38
3	1463.34	1677.83	1492.71	1936.39
4	1463.22	1677.83	1492.81	1936.39
5	1463.09	1677.84	1492.91	1936.40
6	1462.96	1677.84	1493.00	1936.40
7	1462.84	1677.84	1493.10	1936.40
8	1462.71	1677.84	1493.19	1936.41
9	1462.58	1677.84	1493.29	1936.41
10	1462.45	1677.84	1493.39	1936.41
11	1462.33	1677.84	1493.48	1936.42
12	1462.20	1677.84	1493.58	1936.42
13	1462.25	1677.92	1493.68	1936.57
14	1462.31	1678.00	1493.78	1936.71
15	1462.36	1678.08	1493.88	1936.86
16	1462.42	1678.16	1493.98	1937.01
17	1462.47	1678.24	1494.08	1937.16
18	1462.53	1678.32	1494.18	1937.30
19	1462.58	1678.40	1494.28	1937.45
20	1462.63	1678.48	1494.38	1937.60
21	1462.69	1678.56	1494.48	1937.74
22	1462.74	1678.64	1494.58	1937.89
23	1462.80	1678.72	1494.68	1938.04
24	1462.85	1678.80	1494.78	1938.19
25	1462.91	1678.88	1494.88	1938.33
26	1462.96	1678.96	1494.98	1938.48
27	1462.98	1678.96	1495.06	1938.38
28	1462.99	1678.97	1495.13	1938.29
29	1463.01	1678.97	1495.21	1938.19
30	1463.03	1678.97	1495.28	1938.09
31	1463.04	1678.97	1495.36	1937.99

CCC NOAA10 - 1989 MAY

ERBE PFM NONSCANNER (NOAA10)
COUNT CONVERSION FOR NON-SCANNER

* COUNT CONVERSION ALGORITHM FOR TOTAL CHANNELS

$$E_T = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^{\,2} + B$$

* COUNT CONVERSION ALGORITHM FOR SHORTWAVE CHANNELS

$$E_S = A_V \cdot V^2 + A_F \cdot T_F + A_A \cdot T_A + A_H \cdot T_H + A_R \cdot V_R^{\,2} + A_E \cdot E_T + B$$

	A_V	A_A	A_H	A_F	A_R	A_E	
WFOV/TOT	-22.5230	.0	.0	-.4216	23.8202		(88/02/17)
MFOV/TOT	-25.7444	.0	.0	-1.3823	30.3099	-.03206	(91/03/04)
WFOV/SW	-23.2215	.0	.0	-1.9825	22.4009		(88/02/17)
MFOV/SW	-25.0854	.0	.0	-3.3781	29.1935	-.02272	(91/03/04)

DAILY B-OFFSET FOR ERBE
PROTO-FLIGHT MODEL (NOAA10) NONSCANNER

NOAA10 - 1989 MAY

DAY	(91/10/23) WFOV/TOT	(91/10/23) MFOV/TOT	(91/10/23) WFOV/SW	(91/10/23) MFOV/SW
1	1463.04	1678.97	1495.36	1937.99
2	1463.06	1678.98	1495.43	1937.90
3	1463.08	1678.98	1495.51	1937.80
4	1463.09	1678.98	1495.59	1937.70
5	1463.11	1678.99	1495.66	1937.61
6	1463.12	1678.99	1495.74	1937.51
7	1463.14	1678.99	1495.81	1937.41
8	1463.16	1678.99	1495.89	1937.31
9	1463.17	1679.00	1495.96	1937.22
10	1463.19	1679.00	1496.04	1937.12
11	1463.19	1679.02	1496.02	1937.22
12	1463.18	1679.04	1496.00	1937.33
13	1463.18	1679.06	1495.98	1937.43
14	1463.18	1679.07	1495.97	1937.53
15	1463.17	1679.09	1495.95	1937.64
16	1463.17	1679.11	1495.93	1937.74
17	1463.17	1679.13	1495.91	1937.85
18	1463.16	1679.15	1495.89	1937.95
19	1463.16	1679.17	1495.87	1938.05
20	1463.15	1679.19	1495.85	1938.16
21	1463.15	1679.20	1495.84	1938.26
22	1463.15	1679.22	1495.82	1938.36
23	1463.14	1679.24	1495.80	1938.47
24	1463.14	1679.26	1495.78	1938.57
25	1463.22	1679.26	1495.86	1938.46
26	1463.31	1679.26	1495.93	1938.34
27	1463.39	1679.26	1496.01	1938.23
28	1463.47	1679.26	1496.09	1938.11
29	1463.55	1679.26	1496.16	1938.00
30	1463.64	1679.26	1496.24	1937.88
31	1463.72	1679.27	1496.32	1937.77
32	1463.80	1679.27	1496.39	1937.65

Report Documentation Page

Form Approved
OMB No. 0704-0188

1. AGENCY USE ONLY (Leave blank)	2. REPORT DATE	3. REPORT TYPE AND DATES COVERED
	July 1993	Contractor Report

4. TITLE AND SUBTITLE

Radiometer Offsets and Count Conversion Coefficients for the Earth Radiation Budget Experiment (ERBE) Spacecraft for the Years 1987, 1988, and 1989

5. FUNDING NUMBERS

NAS1 - 19570

665-45-20-01

6. AUTHOR(S)

Jack Paden, Dhirendra K. Pandey, Joseph C. Stassi,
Robert Wilson, William Bolden, Susan Thomas, and
M. Alan Gibson

7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS

Science Applications International Corporation (SAIC)
One Enterprise Parkway, Suite 250
Hampton, Virginia 23666-5845

8. PERFORMING ORGANIZATION REPORT NUMBER

SAIC(EARTH) - 92/01

9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)

National Aeronautics and Space Administration
Langley Research Center
Hampton, VA 23681-0001

10. SPONSORING/MONITORING REPORT NUMBER

NASA CR-191489

11. SUPPLEMENTARY NOTES

Langley Technical Monitor: Robert B. Lee III
Final Report

12a. DISTRIBUTION/AVAILABILITY STATEMENT

Unclassified - Unlimited

Subject Category 47

12B DISTRIBUTION CODE

13. ABSTRACT (Maximum 200 Words)

This document contains a compendium of the ground and in-flight scanner and nonscanner offsets and count conversion (gain) coefficients used for the Earth Radiation Budget Experiment (ERBE) production processing of data from the ERBS satellite for the period from 1 January 1987 to 31 December 1989; for the NOAA-9 satellite, for the month of January 1987; and for the NOAA-10 satellite, for the period from 1 January 1987 to 31 May 1989.

14. SUBJECT TERMS

Earth Radiation Budget Experiment, Radiometric Sensors, Calibrations, Count Conversion Coefficients, Offsets

15. NUMBER OF PAGES

213

16. PRICE CODE

A10

17. SECURITY CLASSIFICATION OF REPORT	18. SECURITY CLASSIFICATION OF THIS PAGE.	19. SECURITY CLASSIFICATION OF ABSTRACT	20. LIMITATION OF ABSTRACT
Unclassified	Unclassified		