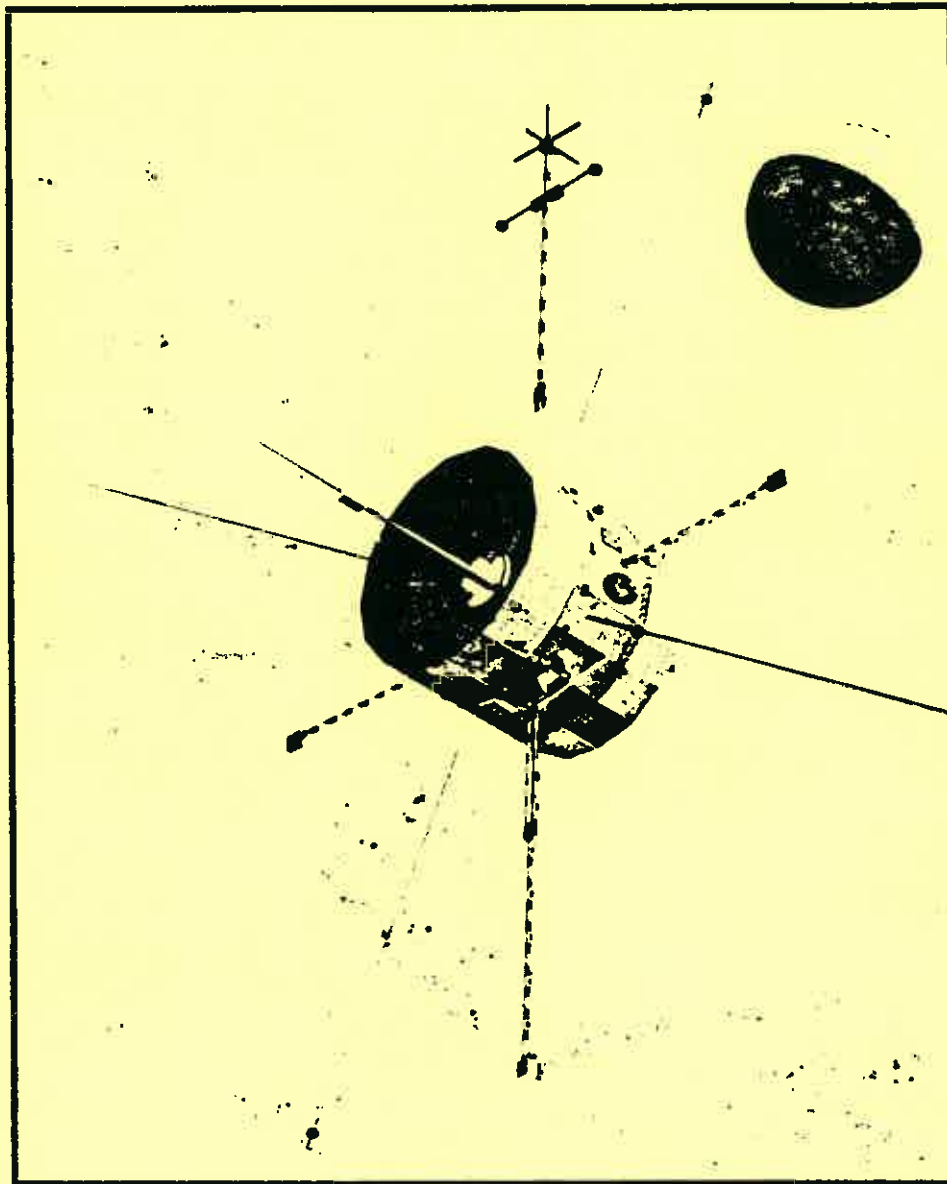


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INTERNATIONAL SUN-EARTH EXPLORERS INTERIM BIBLIOGRAPHY



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INTERIM BIBLIOGRAPHY**

NOVEMBER 1987

**National Space Science Data Center
(NSSDC) Code 633
Goddard Space Flight Center
Greenbelt, Maryland 20771**

INTRODUCTION

This "INTERIM BIBLIOGRAPHY" lists papers using the results of the International Sun-Earth Explorer (ISEE) spacecrafts. The first two spacecraft, ISEE-1 and ISEE-2, were launched in a high earth orbit on a single launch vehicle on October 22, 1977 and collected data until their re-entry September 26, 1987. The third spacecraft, ISEE-3, was launched August 12, 1978 and was placed near the Earth-Sun line as a monitor of the Solar Wind input. In late 1982 the spacecraft was returned to an Earth orbit performing several deep passes thru the magnetotail. A final lunar swingby December 22, 1983 placed it in a heliocentric orbit which passed near the comet Giacobini-Zinner September 11, 1985. On December 22, 1983 the spacecraft was renamed the International Cometary Explorer, ICE. The ICE continues to obtain data at 1 AU and, at this time, is nearly 90° ahead of the Earth in orbit. Processed data from these missions are deposited in the NSSDC.

This bibliography is an alphabetical list by first author for all three spacecraft combined. Each entry includes the ISEE experiment reference number(s) (reference Tables 1 thru 3) for the data used in the paper.

Content Codes are indicated as:

- CONT = 0 Bibliography
- = 1 Theoretical
- = 2 Experimental results
- = 3 Instrument descriptions
- = 4 Review paper
- = 5 Spacecraft mission description
- = 6 Other

The word "A", "An", or "The" is deleted if it is the first word in the title of a paper. Abstracts of presentations to meetings are not entered, but published conference proceedings are listed. Papers which have been submitted for publication are included as "unpublished". Entries in this issue of the Bibliography include only those papers for which copies were received by 1 October 1987.

For corrections and additions please send reprints to Dr. H. Kent Hills, Code 633, NSSDC, Goddard Space Flight Center, Greenbelt, MD 20771. NSSDC does not search the literature.

TABLE 1. ISEE-1

REFERENCE NUMBER	PRINCIPLE INVESTIGATOR	EXPERIMENT
77-102A		(General Interest)
77-102A-01	S.J. Bame, LASL	Fast Electrons and S/W Ions
77-102A-02	K.W. Ogilvie, GSFC	Fast Electrons
77-102A-03	L.A. Frank, U. of Iowa	Hot Plasma
77-102A-04	C.T. Russell, UCLA	Fluxgate Magnetometer
77-102A-05	D.K. Hovestadt, MPI, Garching, F.R.G.	Low-Energy Cosmic Rays
77-102A-06	F.S. Mozer, U.C. Berkley	Quasi-Static Electric Fields
77-102A-07	D.A. Gurnett, U. of Iowa	Plasma Waves
77-102A-08	C.C. Harvey, Meudon, Fr.	Plasma Density
77-102A-09	D.J. Williams, APL/JHU	Energetic Electrons and Protons
77-102A-10	K.A. Anderson, U.C. Berkley	Electrons and Protons
77-102A-11	J.P. Heppner, GSFC	DC Electric Field
77-102A-12	R.D. Sharp/W. Lennartsson, Lockheed	Ion Composition
77-102A-13	R.A. Helliwell, Standford University	VLF Wave Propagation
77-102A-14	T.L. Cline, GSFC	Gamma-Ray Bursts

TABLE 2. ISEE-2

REFERENCE NUMBER	PRINCIPLE INVESTIGATOR	EXPERIMENT
77-102B		(General Interest)
77-102B-01	G. Paschmann, MPI, Garching, F.R.G.	Fast Plasma
77-102B-02	G. Moreno, CNR Frascati, It.	Solar Wind Ions
77-102B-03	L.A. Frank, U. of Iowa	Hot Plasma
77-102B-04	C.T. Russell, UCLA	Fluxgate Magnetometer
77-102B-05	D.A. Gurnett, U. of Iowa	Plasma Waves
77-102B-06	C.C. Harvey, Meudon, Fr.	Radio Propagation
77-102B-07	E. Keppler, MPI, Lindau, F.R.G.	Energetic Electrons and Protons
77-102B-08	K.A. Anderson, U.C. Berkley	Electrons and Protons

TABLE 3. ISEE-3 / ICE

REFERENCE NUMBER	PRINCIPLE INVESTIGATOR	EXPERIMENT
78-079A		(General Interest)
78-079A-01	S.J. Bame, LASL	Solar Wind Plasma
78-079A-02	E.J. Smith, JPL	Magnetic Fields
78-079A-03	D.J. Hovestadt, MPI Garching, F.R.G.	Low-Energy Cosmic Rays
78-079A-04	T.T. Von Roseninge, GSFC	Medium Energy Cosmic Rays
78-079A-05	H.S. Heckman / M.E. Widenbeck, U. of Chicago	High-Energy Cosmic Rays
78-079A-06	P. Meyer, U. of Chicago	Cosmic-Ray Electrons and Nuclei
78-079A-07	F.L. Scarf, TRW	Plasma Waves
78-079A-08	R.J. Hynds, Imperial College London	Energetic Protons
78-079A-09	K.A. Anderson, U.C. Berkley	Interplanetary and Solar Electrons
78-079A-10	J.L. Steinberg, Meudon, Fr.	Radio Mapping
78-079A-11	K.W. Ogilvie, GSFC	Solar Wind Ion Composition
78-079A-12	E.C. Stone, CIT	Cosmic Ray Isotope Spect. / High Energy C.R.
78-079A-13	J.M. Wilcox, Stanford University	Ground Based Solar Studies

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