THE INTERNATIONAL COMET QUARTERLY

OCTOBER 1979 Vol. 1, No. 4

EPHEMERIS FOR COMET MEIER (1979i)
(from orbit on IAUC 3409)

DATE ET	R. A. (1950)	Decl.	DELTA	r	Mag.
1979 11 27	11 54.01	+53 40.6	1.174	1.562	11.8
1979 11 29	11 48.42	+53 31.9			
1979 12 01	11 42.42	+53 23.3	1.137	1.585	11.8
1979 12 03	11 35.99	+53 14.5			
1979 12 05	11 29.10	+53 05.3	1.100	1.608	11.8
1979 12 07	11 21.73	+52 55.2			
1979 12 09	11 13.87	+52 43.9	1.064	1.633	11.8
1979 12 11	11 05.50	+52 31.1			
1979 12 13	10 56.62	+52 16.2	1.030	1.660	11.8
1979 12 15	10 47.24	+51 58.7			
1979 12 17	10 37.37	+51 38.1	0.998	1.688	11.8
1979 12 19	10 27.05	+51 13.8			
1979 12 21	10 16.31	+50 45.3	0.971	1.717	11.8
1979 12 23	10 05.21	+50 12.0			
1979 12 25	09 53.84	+49 33.5	0.948	1.747	11.8
1979 12 27	09 42.27	+48 49.5			
1979 12 29	09 30.60	+47 59.6	0.932	1.776	11.8
1979 12 31	09 18.93	+47 03.7			
1980 01 02	09 07.36	+46 02.0	0.924	1.810	11.9
1980 01 04	08 55.98	+44 54.6			
1980 01 06	08 44.88	+43 42.0	0.923	1.843	12.0
1980 01 08	08 34.14	+42 24.7			
1980 01 10	08 23.83	+41 03.3	0.932	1.876	12.1
1980 01 12	08 14.00	+39 38.7			
1980 01 14	08 04.68	+38 11.7	0.950	1.911	12.2
1980 01 16	07 55.91	+36 43.1			
1980 01 18	07 47.69	+35 13.8	0.978	1.946	12.3
1980 01 20	07 40.04	+33 44.5			

INSIDE THIS ISSUE:

FROM THE EDITOR

SPECIAL NOTICE REGARDING SUBSCRIPTIONS

Beginning with the July 1979 issue (Vol. 1, No. 3 of the ICQ; No. 31 of THE COMET), a new accounting system began regarding subscriptions, in which a computer now handles subscription data. On the mailing address labels, the line immediately above the subscription address has an account identification number; the number farthest right (i.e., those digits to the right of the second hyphen or dash) indicates the last issue which the addressee will receive under his current account. Subscribers will no longer be informed of the expiration of a subscription, unless they request to be billed by invoice (as in the case at present of most libraries and some private individuals); subscribers at the regular rate must renew subscriptions as necessary. Those who are billed remain on a continual subscription list, but an annual invoicing charge of $3.00 is added to the regular amount.

Due to the change in accounting systems, as well as to the unexpected steep increase in subscriptions in the past 6 months, the number of printed back issues has lost to the demand, and original printing plates were accidentally destroyed. Thus, we cannot fulfill requests for subscriptions beginning with Vol. 1, No. 1, of the ICQ, and hereby acknowledge that, effective immediately, subscriptions received at any time will be started either with the current issue or the immediately-following issue. Back issues may be purchased from the Physics Dept. of A.S.U. (address at right); however, very few original copies of back issues exist, and usually Xeroxed copies will be sent. A list of available back issues and costs is on page 49 of this issue.

THE INTERNATIONAL COMET QUARTERLY

The International Comet Quarterly is a non-profit journal devoted to news and observation of comets. Issues are published 4 times per year (January, April, July, and October); the ICQ is published by the Physics Department of Appalachian State University, and is mailed from Boone, North Carolina. Regular subscriptions are $3.00 per year ($5.00 per year outside North America); annual invoicing charge is $3.00 additional. Supporting contribution subscriptions are $10.00 per year. Make checks payable to the *International Comet Quarterly* and send to the Editor at 721 S. Elmwood Ave.; Oak Park, IL 60304, U.S.A. All cometary observations should be sent to C. S. Morris; Prospect Hill Rd.; Harvard, MA 01451, U.S.A. Back issues may be obtained by writing to Dr. T. L. Rokoske; Physics Dept.; A.S.U.; Boone, NC 28608, U.S.A.

Staff

Daniel W.E. Green.....Editor
Thomas L. Rokoske.....Assoc. Editor
Charles S. Morris.....Assoc. Editor

Brian G. Marsden..Editorial Advisor

This issue is No. 32 of the publication originally called *The Comet*, founded in March 1973, and is Vol. 1, No. 4, of the *ICQ*.

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We apologize to those who have recently subscribed, asking for earlier issues; these individuals and institutions will receive 4 issues in succession, (Cont. on p. 49)

SPECIAL NOTICE REGARDING SUBSCRIPTIONS

(Cont. from p. 48) but all back issues must be purchased separately as indicated above and below. However, if there are any missing issues from recent new subscriptions (e.g., having received Vol. 1, Nos. 2 and 4, but not No. 3), please inform us, and we will send the missing issue(s).

The whole number of a given issue which determines an expiration issue can be found on the second page at the bottom of the masthead. Also, please allow about 3 months for any change in the expiration number on the address label following a renewal of subscription. Further inquiries may be addressed to the undersigned.

Daniel W. E. Green (1979 October 15; Valparaiso, Ind.)

BACK ISSUE INFORMATION

Back issues of this publication pertaining to comets may be purchased from the Physics Department, Appalachian State University, Boone, NC 28608, U.S.A. (Make checks payable to the International Comet Quarterly.) The ICQ was previously published under the names The Comet Quarterly (1977-78) and The Comet (1973-77); back issues of this journal under the previous two names are available only as listed below, while back issues under the name ICQ are all available for $1.25 each. Add 50¢ for postage and handling for each order. Usually, only copies of original back issues will be sent.

ISSUE NO.*	VOL., NO.	DATE	NO. PAGES	COST
		The Comet		
8	1, 8	Nov-Dec 1973	7	$ .55
9	2, 1	Jan-Feb 1974	5	.40
10	2, 2	Mar-Apr 1974	4	.30
11	2, 3	May-Jun 1974	5	.40
12	2, 4	Jul-Aug 1974	4	.30
13	2, 5	Oct. 1974	10	.75
14	2, 6	Nov. 30, 1974	3	.25
15	3, 1	Jan. 1975	12	.90
16	3, 2	Apr. 1975	8	.60
17	3, 3	Jul. 1975	4	.30
18		1975 Sept. 23	1	.10
19		Oct. 1975	9	.70
20		1975 Oct. 24	3	.25
21		Dec. 1975	10	.75
22		Feb. 1976	10	.75
23		Jul. 1976	10	.75
24		Oct-Dec 1976	12	.90
		The Comet Quarterly		
25		Winter 1977	10	.75
	Comet Bulletin	1977 Sept. 16	2	.15
26		Fall 1977	10	.75
27		July 1978	8	.60
28		Aug. 1978	14	1.05

*Issues before No. 18 (i.e., issues 1-17) were not officially numbered.

INDEX TO THE INTERNATIONAL COMET QUARTERLY: VOLUME 1

The following index gives the location of certain items in Volume 1 as follows: (n:p), where n is the number of the issue within Vol. 1, and p is the page number.

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INDEX TO THE INTERNATIONAL COMET QUARTERLY: VOLUME 1

(Cont. from p. 50)

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NEWS AND OBSERVATIONS OF RECENT COMETS

C.-Y. Shao and G. Schwartz, Harvard College Observatory, recovered P/Comet Holmes as Comet 1979f on July 20 as a nearly-stellar object with nuclear magnitude $19\frac{1}{2}$.

Observers at Perth Observatory in Australia recovered P/Comet Schwassmann-Wachmann 3, which had not been seen since its discovery apparition in 1930, on photographs taken Aug. 13 and 15. Designated Comet 1979g, this object did not get brighter than $m_1 = 12\frac{1}{2}$.

Charles T. Kowal, Hale Observatories, discovered Comet Kowal 1979h from plates taken July 24, 25, and 27 (IAUC 3395), as a 19th magnitude object in Sagittarius.

Comet 1979i was discovered by amateur Rolf Meier of Ottawa, Canada, on Sept. 20 as a diffuse object with condensation and total visual magnitude 11.5 in Draco. He was using a 40-cm f/5 reflector when this comet was discovered, the same instrument he used for the discovery of Comet Meier 1978f. An ephemeris for Comet Meier 1979i is on page 47 of this issue.

Schwartz and Shao also recovered P/Comet Reinmuth 1 (Comet 1979j) as a diffuse object of approximate nuclear magnitude 20.5 on Oct. 22 and 23.

Kowal apparently discovered two more comets from plates taken on July 26 and 27 (IAUC 3405), but these 18th-magnitude objects have not been seen again, and were not given designations.

Two more comets not previously detected on the Palomar Sky Survey were found at the Institut fuer Astronomie (Innsbruck, Austria): IAUC 3381, 3406.

Observations of these and other recent comets appear on the following pages. The first few pages contain pre-perihelion observations of Comet Kohler 1977m which were made by Japanese observers, and they are a continuation of those published in the last issue. NEW OBSERVERS: BUC00, 09, **D. H. Buckley, New Zealand**; C0000, 09, **I. Cooper, New Zealand**; HIC00, 09, **T. E. Hickey, New Zealand**; ION00, 09, **G. Ionas**, New Zealand; MUN00, 09, N. Munford, New Zealand; NIK00, 09, B. Nikolau, New Zealand; PIC00, D. A. Pickup, England; KAJ00, 06, K. Kajiura, Japan; HIR00, 06, N. Hiraga, Japan.

COMET KOHLER (1977 XIV = 1977M)

DATE (UT)	MAG.	R	AP.	T	F/	PWR	COMA	DC	TAIL	PA	OBS.
1977 09 07.46	9.5		12	B		20	4	4			YAN
1977 09 07.49	9.8		15	L		28	3	3			NAK
1977 09 10.43	10.8		21	L		50	3				AIY
1977 09 10.43	9.8		12	B		20	4	4			YAN
1977 09 10.44	9.5		7	B		16	1				ITO
1977 09 10.48	10	:	25	L		48	5				OOS
1977 09 10.54	10	:	16	L		22	3	2			FUZ
1977 09 11.39	9.5		6	R		20	5				ICH
1977 09 11.42	9.7		16	L		40	5	4			FUZ
1977 09 11.43	9.8		12	B		20	4	4			YAN
1977 09 11.44	10.3		12	L		22	3				TAK
1977 09 11.44	10	:	15	L		24	5				KAW
1977 09 11.45	9.5		9	L		30	4	3			YAS
1977 09 11.45	10	:	12	B			4				HAS
1977 09 11.47	10	:	12	B		20	3				OKA
1977 09 11.47	9.5	:	6.5	R		30	3	3			TAN
1977 09 11.48	9.5		15	L		40	3				OKA01
1977 09 11.48	9.8		15	L		28	3	3			NAK
1977 09 11.48	9	:	15	L		28	3				KUK
1977 09 11.48	9.5		10	L		25	3	3			OSA
1977 09 11.51	10.3		10	L		56	3				HOT
1977 09 12.43	9.5		16	L		40	7	3			IWA
1977 09 12.44	9.5		16	L		22	4	3			FUZ
1977 09 12.49	10.3		12	L		20	3				OKA
1977 09 13.52	9.4		16	L		40	6	3			IWA
1977 09 14.44	9.5		16	L		22	4	3			FUZ
1977 09 14.45	9.3		10	L		25	4	4			OSA
1977 09 14.46	10.5		10	L		80	2	2			MAK
1977 09 14.46	9.5		15	L		26	3				WAS
1977 09 15.43	9.1		15	L		38	8	3			SEI
1977 09 15.44	9.5		15	L		49	4	3			NAG
1977 09 15.44	9.3		5	R		7	5				ICH
1977 09 15.44	9.5		15	L		49	4	2			KUK
1977 09 15.45	9.5		9	L		30	4	4			YAS
1977 09 15.46	9.8		10	L		40					MAT
1977 09 15.48	10.5		12	B		20	3				OKA
1977 09 15.48	10.5		12.5	L		22		4			AIY
1977 09 15.49	9.3		16	L		25	8	4			SAT
1977 09 15.49	9.5		10	L		25	3	3			HOT
1977 09 15.50	9.5		15	L		28	5	3			MIT
1977 09 15.50	9.8		10	L		55					TSU
1977 09 15.50	10.5		12	L		33	2	3			SAK
1977 09 15.51	9.0		7	R		135	4	4			UCH
1977 09 15.51	9.2		10	L		25	7	5			KIK
1977 09 15.52	8.9		10	L		25					HAS01
1977 09 15.53	9.5		10	L		25	7	3			UCH01
1977 09 15.53	9.5		12.5	L		26	6				OKA01

COMET KOHLER (1977 XIV = 1977m) Cont.

DATE (UT)	MAG.	R	AP.	T	F/	PWR	COMA	DC	OBS.
1977 09 07.46	9.5		12	B		20	4	4	YAN
1977 09 07.49	9.8		15	L		28	3	3	NAK
1977 09 10.43	10.8		21	L		50	3		AIY
1977 09 10.43	9.8		12	B		20	4	4	YAN
1977 09 10.44	9.5		7	B		16	1		ITO
1977 09 10.48	10	:	25	L		48	5		OOS
1977 09 10.54	10	:	16	L		22	3	2	FUZ
1977 09 11.39	9.5		6	R		20	5		ICH
1977 09 11.42	9.7		16	L		40	5	4	FUZ
1977 09 11.43	9.8		12	B		20	4	4	YAN
1977 09 11.44	10.3		12	L		22	3		TAK
1977 09 11.44	10	:	15	L		24	5		KAW
1977 09 11.45	9.5		9	L		30	4	3	YAS
1977 09 11.45	10	:	12	B			4		HAS
1977 09 11.47	10	:	12	B		20	3		OKA
1977 09 11.47	9.5	:	6.5	R		30	3	3	TAN
1977 09 11.48	9.5		15	L		40	3		OKA01
1977 09 11.48	9.8		15	L		28	3	3	NAK
1977 09 11.48	9	:	15	L		28	3		KUK
1977 09 11.48	9.5		10	L		25	3	3	OSA
1977 09 11.51	10.3		10	L		56	3		HOT
1977 09 12.43	9.5		16	L		40	7	3	IWA
1977 09 12.44	9.5		16	L		22	4	3	FUZ
1977 09 12.49	10.3		12	L		20	3		OKA
1977 09 13.52	9.4		16	L		40	6	3	IWA
1977 09 14.44	9.5		16	L		22	4	3	FUZ
1977 09 14.45	9.3		10	L		25	4	4	OSA
1977 09 14.46	10.5		10	L		80	2	2	MAK
1977 09 14.46	9.5		15	L		26	3		WAS
1977 09 15.43	9.1		15	L		38	8	3	SEI
1977 09 15.44	9.5		15	L		49	4	3	NAG
1977 09 15.44	9.3		5	R		7	5		ICH
1977 09 15.44	9.5		15	L		49	4	2	KUK
1977 09 15.45	9.5		9	L		30	4	4	YAS
1977 09 15.46	9.8		10	L		40			MAT
1977 09 15.48	10.5		12	B		20	3		OKA
1977 09 15.48	10.5		12.5	L		22		4	AIY
1977 09 15.49	9.3		16	L		25	8	4	SAT
1977 09 15.49	9.5		10	L		25	3	3	HOT
1977 09 15.50	9.5		15	L		28	5	3	MIT
1977 09 15.50	9.8		10	L		55			TSU
1977 09 15.50	10.5		12	L		33	2	3	SAK
1977 09 15.51	9.0		7	R		135	4	4	UCH
1977 09 15.51	9.2		10	L		25	7	5	KIK
1977 09 15.52	8.9		10	L		25			HAS01
1977 09 15.53	9.5		10	L		25	7	3	UCH01
1977 09 15.53	9.5		12.5	L		26	6		OKA01

COMET KOHLER (1977 XIV = 1977m) Cont.

DATE (UT)	MAG.	R	AP.	T	F/	PWR	COMA	DC	TAIL	PA		OBS.
1977 10 15.37	8.0		10	L		31	3	4			ICQ 32	TAK02
1977 10 19.39	7.6		8	R		48	5				ICQ 32	KIT
1977 10 20.38	8.1		10	L		31	4				ICQ 32	TAK02
1977 10 20.39	7.9		5	R		28					ICQ 32	HAS01
1977 10 20.40	8.3		5	R		28					ICQ 32	TAK03
1977 10 20.42	7.9		5	R		28					ICQ 32	IMA01
1977 10 20.43	8.0		5	R		28					ICQ 32	KOY
1977 10 20.44	8.5		7	R		28	5				ICQ 32	UCH
1977 10 20.45	7.9		5	R		28					ICQ 32	KIM
1977 10 21.39	7.5		5	R		28		7			ICQ 32	HAS01
1977 10 21.40	7.4		8	R		48	5				ICQ 32	KIT
1977 10 21.41	7.8		5	R		28					ICQ 32	TAK03
1977 10 21.42	8.1		5	R		28					ICQ 32	IMA01
1977 10 22.40	7.7		10	L		40	4				ICQ 32	KAW
1977 10 22.40	7.6		5	B		10					ICQ 32	TAK03
1977 10 22.41	8.6		16	L		38					ICQ 32	HAS01
1977 10 22.43	7.5		5	R		28	4	4			ICQ 32	NAK02
1977 10 23.41	8.1		5	R		28					ICQ 32	TAK03
1977 10 23.41	8.6		20	R		40	7	3			ICQ 32	EGA
1977 10 23.42	8.4		15	L		30					ICQ 32	KIK01
1977 10 23.42	7.7		5	B		50					ICQ 32	TAK01
1977 10 23.43	7.6		10	L		55	8	4			ICQ 32	TAN01
1977 10 23.47	8.0		10	L		56					ICQ 32	KOT
1977 10 24.39	7.7		8	R		30	3				ICQ 32	SUN
1977 10 24.39	7.0		10	L		40	4	3			ICQ 32	HON
1977 10 24.40	7.5		25	L		62	7	5			ICQ 32	UOM
1977 10 24.41	8.8		20	R		40	4	2	0.03		ICQ 32	EGA
1977 10 24.41	7.2		6.5	R		32	6	5			ICQ 32	AIY
1977 10 24.41	7.6		5	R		8	6				ICQ 32	TAK01
1977 10 24.42	7.8		15	L		38	6	4	0.25		ICQ 32	SEI
1977 10 24.45	7.5		12	L		33	6	4			ICQ 32	SAK
1977 10 25.41	7.0		6	R		18	7	5			ICQ 32	NAK01
1977 10 26.40	8.0		15	L		43	7	4			ICQ 32	SAT
1977 10 26.40	7.8		15	L		54	5				ICQ 32	MAT03
1977 10 26.40	7.5		15	L		38	5	4	0.17		ICQ 32	SEI
1977 10 26.42	7.8		12	L		33	5	4			ICQ 32	SAK
1977 10 26.42	7.1		6	R		18	7	4			ICQ 32	NAK01
1977 10 26.45	7.3		25	L		62	6	4			ICQ 32	UOM
1977 10 27.38	6.7		10	L		40	4	2			ICQ 32	HON
1977 10 27.39	7.4		15	L		28	5	5			ICQ 32	MIT
1977 10 27.41	7.6		12	L		33	4				ICQ 32	SAK
1977 10 27.41	7.5		25	L		62	6	4			ICQ 32	UOM
1977 10 27.42	7.5		7	B		10	7	4			ICQ 32	ASA
1977 10 28.38	7.8		12	B		20	4	5	0.10		ICQ 32	YAB
1977 10 28.41	7.0		6	R		18	5	4			ICQ 32	NAK01
1977 10 28.43	8.3		15	L		43	5	3			ICQ 32	SAT
1977 10 29.38	7.1		12	L		33	8	5	0.10		ICQ 32	SAK
1977 10 29.39	7.4		15	L		28	8	6			ICQ 32	MIT
1977 10 29.39	8.5		15	L		43	5	3			ICQ 32	SAT
1977 10 29.39	7.3		10	L		20	6	4			ICQ 32	TOK

COMET KOHLER (1977 XIV = 1977m) Cont.

DATE (UT)	MAG.	R	AP.	T	F/	PWR	COMA	DC	TAIL	PA		OBS.
1977 10 29.41	7.1		5	R		8					ICQ 32	TAK01
1977 10 29.41	7.4		10	L		55	10	4			ICQ 32	TAN01
1977 10 30.38	7.4		10	L		20	5	4			ICQ 32	TOK
1977 10 30.38	7.5		8	R		30					ICQ 32	SUN
1977 10 30.40	8.3		20	R		40	5	3	0.07		ICQ 32	EGA
1977 10 31.39	6.7		10	L		40	5	4			ICQ 32	HON
1977 10 31.40	7.6		20	L		40					ICQ 32	KOB
1977 10 31.40	7.4		10	L		25	5	6			ICQ 32	HAS01
1977 10 31.40	7.5		10	L		25		6			ICQ 32	SUZ01
1977 10 31.41	7.3		10	L		25	6	6			ICQ 32	ISH
1977 10 31.41	7.6		6.5	R		28	8	6			ICQ 32	UCH
1977 11 1.38	7.4		6.5	R		28	8	6			ICQ 32	UCH
1977 11 1.38	8.0		15	L		33					ICQ 32	TAK03
1977 11 1.38	6.3		10	L		40	7	5			ICQ 32	HON
1977 11 1.39	7.5		10	L		25					ICQ 32	HAS01
1977 11 1.39	7.7		8	R		30					ICQ 32	SUN
1977 11 1.40	7.6		20	L		40					ICQ 32	KOB
1977 11 1.40	6.8		12	B		20	7	6			ICQ 32	FUR
1977 11 1.41	7.9		10	L		25	5	5			ICQ 32	UCH01
1977 11 1.41	7.0		5	B		7		7			ICQ 32	OCH
1977 11 1.41	7.0		10	L		25	7	3			ICQ 32	HOS01
1977 11 1.42	7.0		5	R		8	12				ICQ 32	TAK01
1977 11 1.43	7.3		5	B		7	6				ICQ 32	YAM
1977 11 1.43	7.0		12	L		33	6	5			ICQ 32	SAK
1977 11 1.43	7.9		10	L		25					ICQ 32	KAK
1977 11 1.45	7.7		10	L		25		5			ICQ 32	SUZ01

P/COMET ENCKE

DATE (UT)	MAG.	R	AP.	T	F/	PWR	COMA	DC	TAIL	PA		OBS.
1977 09 08.32	9.6	S	32	L							ICQ 32	JON

P/COMET WILD 2 (1978b)

DATE (UT)	MAG.	R	AP.	T	F/	PWR	COMA	DC	TAIL	PA		OBS.
1978 05 25.31	10.4	V	32	L							ICQ 32	JON
1978 06 04.29	10.5	S	32	L							ICQ 32	JON

COMET MEIER (1978f)

DATE (UT)	MAG.	R	AP.	T	F/	PWR	COMA	DC	TAIL	PA		OBS.
1978 11 29.63	7.7	S	8	R			7				ICQ 32	MUN
1979 04 02.65	9.1	S	30	L	7		5		0.33	225	ICQ 32	COO
1979 04 02.67	9.2	S	30	L	7		3.5		0.33	220	ICQ 32	MUN
1979 08 17.16	11.2		32	L	6		1.7				ICQ 32	BOR
1979 09 02.25	11.4		32	L	6		2.0				ICQ 32	BOR

COMET SEARGENT (1978m)

DATE (UT)	MAG.	R	AP.	T	F/	PWR	COMA	DC	TAIL	PA		OBS.
1978 10 05.70	6.8	S	8	B		11					ICQ 32	JON
1978 10 07.33	6.4	S	30	L			5		0.17	18	ICQ 32	MUN
1978 10 07.68	6.4		15	R			&12.5				ICQ 32	BUC
1978 10 07.68			41	L					0.50		ICQ 32	BUC
1978 10 11.67	7.3		4.5R						0.08	205	ICQ 32	JON
1978 10 13.69	6.5		6	R		150					ICQ 32	HIC
1978 10 21.50	7.9	S	4.5R								ICQ 32	JON
1978 10 22.36	7.1	S	20	L	7		8				ICQ 32	NIK
1978 10 22.56	7.5		6	B		8	10				ICQ 32	BUC
1978 10 23.40	7.1		5	B		7	12				ICQ 32	HEA
1978 10 24.39	6.8	S	30	L			6				ICQ 32	MUN
1978 10 24.41	7.0		5	B		7	12				ICQ 32	HEA
1978 10 24.41	6.5		6	B		20					ICQ 32	CAM
1978 10 24.43	7.6	S	3.5R			7	8				ICQ 32	NIK
1978 10 24.56	7.5		6	B		8					ICQ 32	BUC
1978 10 26.45	8.0	S	10	L	9		5				ICQ 32	COO
1978 10 27.46	7.8		5	B		10	8		0.50	255	ICQ 32	MUN
1978 10 27.51	8.5		15	R			10		0.17		ICQ 32	BUC
1978 10 28.42	8.7	S	3.5R			7	6				ICQ 32	NIK
1978 10 28.42			20	L	7				0.20	260	ICQ 32	NIK
1978 10 28.42	9.0	S	30	L	7		8		0.25	255	ICQ 32	MUN
1978 10 28.45	7.9		5	B		10	10		0.25	260	ICQ 32	COO
1978 10 31.42	8.1	S	7.8R			11					ICQ 32	JON
1978 11 03.42	8.6	S	4.5R								ICQ 32	JON
1978 11 06.66	8.4	S	4.5R								ICQ 32	JON
1978 11 07.41	8.3	S	4.5R								ICQ 32	JON
1978 11 09.38	8.8	S	7.8R								ICQ 32	JON

COMET BRADFIELD (1978o)

DATE (UT)	MAG.	R	AP.	T	F/	PWR	COMA	DC	TAIL	PA		OBS.
1978 10 24.36	8.0:		5	B		7					ICQ 32	HEA

P/COMET HANEDA-CAMPOS (1978j)

DATE (UT)	MAG.	R	AP.	T	F/	PWR	COMA	DC	TAIL	PA		OBS.
1978 09 21.38	9.4:		30	L	7		6				ICQ 32	MUN
1978 10 01.46	10.3:		30	L	7		4.5				ICQ 32	MUN
1978 10 24.42	12	:	30	L	7		1				ICQ 32	MUN

COMET MACHHOLZ (1978l)

DATE (UT)	MAG.	R	AP.	T	F/	PWR	COMA	DC	TAIL	PA		OBS.
1978 09 15.73	11.5	v	32	L							ICQ 32	JON
1978 10 24.44	11.5:		30	L			1.3				ICQ 32	MUN
1978 10 28.46	10	:	30	L			3		0.05	0	ICQ 32	MUN
1978 10 28.50	10	:	30	L			3		0.05	0	ICQ 32	COO
1978 10 29.41	11	:	32	L			4				ICQ 32	JON
1978 10 30.42	11.5:		32	L			3				ICQ 32	JON
1978 11 05.42	12	:	32	L			3				ICQ 32	JON

COMET BRADFIELD (1979c)

DATE (UT)	MAG.	R	AP.	T	F/	PWR	COMA	DC	TAIL	PA		OBS.
1979 08 03.48	8.8		25	L			1.5				ICQ 32	MAC
1979 08 04.49	8.8		25	L							ICQ 32	MAC
1979 08 05.49	8.9		25	L							ICQ 32	MAC
1979 08 06.47	9.5		32	L							ICQ 32	HAL
1979 08 07.35	8.6:S		8	B		20	3	4			ICQ 32	MOR
1979 08 07.80	9.8:		18	L		85	2	3			ICQ 32	KAJ
1979 08 12.44	10.2		32	L							ICQ 32	HAL
1979 08 13.78	10.8:		12	L		33	& 2.5	2			ICQ 32	SAK
1979 08 17.35	10.4		32	L	6		2.2				ICQ 32	BOR
1979 08 18.76	15	P									ICQ 32	SEK
1979 08 18.77	11.3		16	L		55	2	2			ICQ 32	HIR
1979 08 22.80	10.8		18	L		85	1.5	1/			ICQ 32	KAJ
1979 08 25.10	11.0	V	25	L		79	2.4	1			ICQ 32	CAV
1979 08 27.08	11.2	V	25	L		79	2.6	1			ICQ 32	CAV
1979 09 01.37	10.4		32	L	6		3.0				ICQ 32	BOR
1979 09 04.35	10.9		32	L	6		3.4				ICQ 32	BOR
1979 09 10.02	11.1		32	L	6		2.2				ICQ 32	BOR

R/COMET SCHWASSMANN-WACHMANN 3

DATE (UT)	MAG.	R	AP.	T	F/	PWR	COMA	DC	TAIL	PA		OBS.
1979 08 13.47	13	P									ICQ 32	CAN
1979 08 15.48	13	P									ICQ 32	CAN
1979 08 19.46	13	P									ICQ 32	CAN
1979 08 19.54	12.0:		20	C							ICQ 32	SUM
1979 08 20.50	11.8:		4	L							ICQ 32	CLA
1979 08 22.38	13.5:P		120	S							ICQ 32	PIC

COMET KOWAL (1979h)

DATE (UT)	MAG.	R	AP.	T		OBS.
1979 07 24.21	19	P			ICQ 32	KOW
1979 07 25.21	19	P			ICQ 32	KOW
1979 07 27.22	19	P			ICQ 32	KOW

COMET MEIER (1979i)

DATE (UT)	MAG.	R	AP.	T	F/	PWR	COMA	DC	TAIL	PA		OBS.
1979 09 21.11	12	:	25	L	7	70					ICQ 32	MOR
1979 09 24.05	12.0		32	L	6		1.4				ICQ 32	BOR
1979 09 24.10	12.1	A	25	L	7	70	1	3			ICQ 32	MOR
1979 09 27.04	12.1	A	25	L	7	70	1	3			ICQ 32	MOR

ADDITIONAL OBSERVERS (cont. from p. 51):
KOW Charles T. Kowal, Hale Observatories
Corrections to original list (Vol. 1, No. 3):
HANO1: Scott Hanssen should be Hanson
NAKO2 06 Masaru Nakagomi, Japan should be added
TOM : Akira Tominagu should be Tominaga

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THE INTERNATIONAL COMET QUARTERLY
Department of Physics and Astronomy
Appalachian State University
Boone, NC 28608 U.S.A.

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