

ACTIVITES DU GEOS EN MAI 1990

1. BILAN DES ESTIMATIONS VISUELLES

Nb MESURES		OBSERVATEUR	SITE	SIGLE	Nb NUITS		Programmes GEOS		
1990	MAI				1990	MAI	"RP"	"p"	"r"
					MES./ET.	MES./ET.	MES./ET.		
2346	799	Mme FRIEDLINGSTEIN	B-1	FRD	29	9	5/ 2	794/25	
2786	711	Mme VANDENBROERE	B-1	VBR	52	16	19/ 4	441/16	251/18
1946	606	DUMONT		DMT	67	19	61/ 5	130/11	415/32
762	304	IELO	F-78	LIE	55	16	89/ 6	158/ 8	57/ 5
1334	231	GOBET	F-69	GBF	40	7	25/ 4	55/ 3	151/24
580	162	RIVAS	E-V	RVS	9	2	2/ 1	127/ 9	33/ 6
241	89	MISSON	F-92	MIS	26	7	14/ 3	10/ 3	65/14
516	75	BOISTEL	F-44	BTL	9	3		18/ 5	57/15
962	64	CHECCUCCI	I-SI	CHC	46	5	13/ 5	22/ 7	29/ 9
284	57	EYRAUD	F-77	EYR	37	6	11/ 3	11/ 2	35/ 7
552	46	COLOMBO	I-MO	CBO	63	10	12/ 3	1/ 1	33/11
185	45	COLOMBA	I-RC	CLM	14	5	18/ 2	6/ 1	21/ 3
171	31	MORETTI	I-FO	MOR	10	2	2/ 1	8/ 2	21/ 6
312	30	DALMAZIO	I-LT	DDL	10	1			30/ 2
470	22	BOATTINI	I-FI	BOA	37	4	2/ 1		20/17
237	19	SPAGOCCI	I-CO	SSP	24	3		19/ 1	
236	17	FRANGEUL	F-49	FRL	22	2	3/ 2	10/ 2	4/ 2
44	15	MANNA	CH-Ti	MAA	4	1	5/ 1		10/ 1
185	7	C. FUMAGALLI	I-CO	FMG	11	2	5/ 1	2/ 1	
7	7	SICILIANO	I-PZ	SCL	2	2	2/ 1	3/ 2	2/ 2
77	4	SCARPELLINI	I-MS	SCP	10	1	2/ 1		2/ 1
108	2	RANDAZZO	I-PA	RZZ	42	1	1/ 1	1/ 1	
13	2	NEZRY	F-31	NZY	2	1		2/ 1	
22136	3345	42 Observateurs							

PROGRAMME "RECHERCHE PRIORITAIRE"

NSV 2748 Cam : VBR 2, FRD 1
 TU CVn : DMT 18, CLM 15, GBF 10, MIS 8, EYR 7, FMG 5, MAA 5, CBO 4, CHC 4, FRL 1, RZZ 1
 T CrB : DMT 16, LIE 13, GBF 8, CHC 3, FRL 2, BOA 2
 NSV 7366 CrB : FRD 4
 V 449 Cyg : LIE 15, DMT 13, GBF 4, MIS 4, CHC 3, EYR 2, MOR 2, CBO 1
 OT Gem : LIE 23, CBO 7, SCP 2, RVS 2, MIS 2, EYR 2, DMT 1
 HP Lyr : LIE 18, GBF 3, VBR 2, CHC 2
 FND 13 Oph : LIE 14, DMT 13, VBR 6, CLM 3, SCL 2, CHC 1
 V Ser : LIE 6
 NSV 6672 UMa : VBR 9

PROGRAMME "Prospection"

V 887 Aql : 66; FRD 66
 V 962 Aql : 66; FRD 66
 AP And : 22; FRD 22
 NSV 6451 Boo : 36; VBR 36
 NSV 6633 Boo : 21; RVS 21
 NSV 6796 Boo : 22; DMT 22
 VW CVn : 29; FRD 29
 DV Cep : 40; FRD 40
 NSV 14566 Cep : 21; SSP 19
 NSV 5997 Com : 61; VBR 34, FRD 27
 V 859 Cyg : 51; FRD 51
 V 1036 Cyg : 74; FRD 73
 NSV 12819 Cyg : 49; LIE 20, GBF 18, DMT 11
 BE Dra : 63; FRD 63
 V 744=88 Her : 33; LIE 17
 V 501 Her : 128; FRD 84, VBR 44
 V 641 Her : 114; FRD 84, VBR 30
 NSV 7457 Her : 91; VBR 89
 NSV 7526 Her : 37; VBR 37
 NSV 8159 Her : 99; GBF 33, RVS 29, DMT 20
 ZMN-1 Her : 38; VBR 36
 VY Leo : 22;
 NSV 4832 Leo : 39; LIE 35
 NSV 11944 Lyr : 21; LIE 21
 V 533 Oph : 30; LIE 21
 V 914 Oph : 28; LIE 14, DMT 10
 V 1125 Oph : 39; VBR 31
 V 2113 Oph : 39; LIE 16, DMT 14
 DL Sge : 21; FRD 21
 NSV 7028 Ser : 70; VBR 70
 NSV 5519 UMa : 22; VBR 22
 NSV 6319 UMa : 24; RVS 24
 BT Vul : 50; FRD 50

2. ETUDES ET PUBLICATIONS EN COURS

FRD nous envoie un projet de NC à propos de NSV 12819. Il sera publié le mois prochain.

MRZ et DMT ont envoyé à l'Observatoire de Konkoly le texte d'un IBVS relatant les observations photoélectriques de PP Lac.

J. AUBAUD a reçu de VBR 21 observations de VX Her et 29 de XZ Dra. VX Her semble plus intéressante que XZ Dra, pour l'étude de l'effet Blazhko, le déplacement temporel du maximum étant plus important.

3. SYMPOSIUM ANNUEL DU GEOS

Il aura lieu à Las Fuentes, les 21, 22 et 23 Septembre 1990. Relisez bien le télégramme 16 et renvoyez rapidement votre inscription à SS0.

On trouvera en annexe le plan de la région.

4. BILAN DES HYPEROBSERVATEURS FRANCAIS EN 1989

1. G. BOISTEL	(GEOS)	6103	6. J.P. VERROT	(GEOS)	4024
2. P. VEDRENNE	(AFOEV)	6045	7. E. SCHWEITZER	(AFOEV)	3824
3. M. VERDENET	(AFOEV)	5805	8. F. GOBET	(GEOS)	3699
4. M. DUMONT	(GEOS)	5570	9. S. KUCHTO	(GEOS)	3699
5. L. BICHON	(AFOEV)	4488			

5. TRIBUNE LIBRE

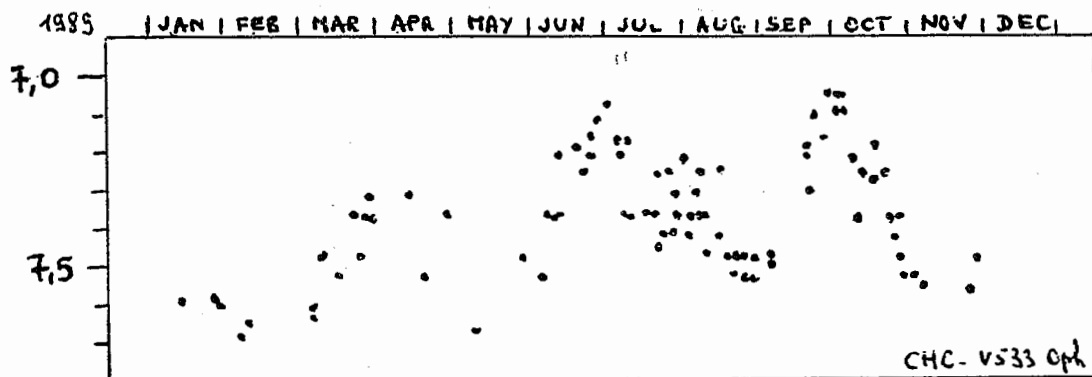
M. CHECCUCCI : Osservazioni 1989 di V533 Oph.

Fatte 97 stime visuali fra il 14 Gennaio e il 27 Novembre con un binocolo 20X80. Sequenza personale usata per il calcolo della mag. vis. :

A 6,90

B 7,37

C 7,98



G. BOISTEL

Voici des informations complémentaires concernant l'étoile DV CEP, observée par FRD et VBR, et présentée en NC 611.

Les éléments de DV Cep ont été annoncés par P.Frank et D.Lichtenknecker, 1987, BAV-Mitteilungen Nr. 47, sur la base de 297 mesures photographiques, et l'étude d'observations publiées dans la littérature.

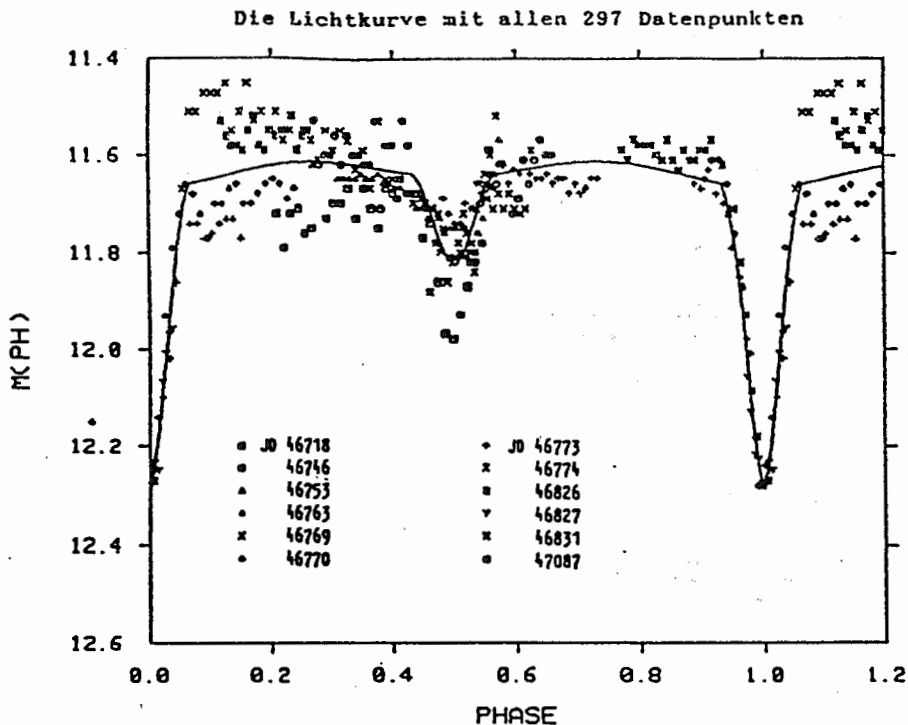
variation : $11^m.6 - 12^m.3$ ph.

min II = $11^m.8$

Durée du minimum primaire = $0^m.14$

Minimum I = $24\ 46\ 763.353 \pm 1$ + $1.161\ 9748 \pm 3$ *E

La courbe de lumière photographique est présentée ci-dessous.



Der Lichtkurve entnehmen wir die Angaben:

Typ: EA	Maximum	Helligkeit 11 ^m .6 ph
	Minimum I	Helligkeit 12 ^m .3 ph
	Minimum II	Helligkeit 11 ^m .8 ph
	Dauer der Bedeckung (Min. I) = 0 ^m .14	

IAU ARCHIVES OF UNPUBLISHED OBSERVATIONS OF
VARIABLE STARS.
ELECTRONIC STORAGE AND RETRIEVAL OF DATA

New data can now be submitted to the IAU Archives electronically by means of tape, diskette or electronic mail. Copies of certain files already existing in the Archives can also be sent to astronomers in electronic form.

1. Introduction

The Archives of Unpublished Observations of Variable Stars was created to provide permanent archives in different parts of the world. The Archives can replace lengthy and expensive tables in scientific publications by a single reference to the archival file number. Furthermore, many valuable observations are never used for scientific publications, and the Archives makes such observations available to other astronomers at a time when they might become very important. Information on existing files can be found in the *Publ. Astron. Soc. Pacific* (e.g. Breger 1988) and *Bull. Inform. CDS* (e.g. Jaschek and Breger 1988). Paper copies of existing files can be obtained from one of the three archives:

Dr. P. Dubois
Centre de Données Stellaires
Observatoire de Strasbourg
11, rue de l'Université
F-67000 Strasbourg
France

P. D. Hingley, Librarian
Royal Astronomical Society
Burlington House
London, W1V 0NL
Great Britain

Dr. Yu. S. Romanov
Odessa Astronomical Observatory
Shevchenko Park
Odessa 270014, USSR

New files can be submitted by mailing five copies of the cover sheet (listing a reference to a published paper or details of the data) as well as three paper copies of the data to the coordinator (Michel Breger at the address given at the end of this announcement).

2. How to submit new files by electronic means.

Astronomers wishing to submit new files electronically should contact the coordinator in order to obtain a file number. After the file number has been received, the astronomer can submit the contents of the cover sheet as well as the data to the Centre de Données Stellaires by magnetic tape, diskette or electronic mail. The Centre requests that a copy of the data should also be sent to the Centre in paper form. Information on how to communicate with the Centre is given below.

The Centre de Données Stellaires will mail paper copies of both the cover sheet and the data to the other two branches of the Archives in Great Britain and USSR as well as the coordinator.

3. How to obtain copies of existing files electronically.

Copies of some existing files can be obtained electronically free of charge by contacting the Centre de Données Stellaires (see below). Lists of the available files in the Archives are announced regularly (*BVS*, *Bull. Inform. CDS*) and detailed reports on the file contents are published in the *Publ. Astron. Soc. Pacific*. In the future these lists will contain information on which files are also available by electronic means.

Copies of all existing files can, of course, still be requested in paper form from the three archives.

4. How to communicate with the Centre de Données Stellaires.

Data can be submitted to the Centre on paper as well as in machine-readable form. The following specifications should be observed:

Files: pure ASCII.

Text processor file: None or standard latex only.

Magnetic tape: Nolabel. A description of the tape should be provided (number of files, block size, LRECL, content etc.).

Diskette: MS/DOS format only, 5 $\frac{1}{4}$ inch; densities 360K or 1.2M, 3 $\frac{1}{2}$ inch; density 720K only.

Electronic Mail: SPAN CDSXB1;IAU27.

Furthermore, a paper copy of the cover sheet and the data should also be provided to the Centre de Données Stellaires in order to check the electronic file received for possible problems of truncation, character transformations etc.

Michel Breger (1), Carlos Jaschek (2), Pascal Dubois (2)

(1) Institute for Astronomy, Türkenschanzstr. 17, A-1180 Wien, Austria

(2) Centre de Données stellaires, 11, rue de l'Université, F-67000 Strasbourg, France

References

Breger, M.: 1988, *Publ. Astron. Soc. Pacific* 100, 751
Jaschek, C., Breger, M.: 1988 *Bull. Inform. CDS* 35, 93

COMMISSION 27 OF THE I.A.U.
INFORMATION BULLETIN ON VARIABLE STARS

Number 3422

4 JUL 1990

