

The file structure of the detached datafiles are similar to the files in the BAV collection “BAV-MiniMax”.  
<http://www.bav-astro.eu/joomla/index.php/veroeffentlichungen/service-for-scientists/bav-data>.

**Datafile - Times of Minima und Maxima**

Data field	Content	Comment	
<b>Part 1: Observational result</b>			
con	constellation	e.g. CYG, UMA	
starname		e.g. V1077, V367, GSC 01234-12345	
starname in BAVM		preliminary name, used in the BAVM	
phs	phase	max	:= maximum
		min	:= minimum
tt	time-specification in the field <JD helioc>	U	:= Universal time coordinated
		T	:= Terrestrial time
JD helioc	JD heliocentric	e.g. 46345.1234 (with decimal point)	
te	type of error in the field <error>	me	:= mean error
		sd	:= standard deviation ( $\sigma$ )
error	mean error	(only for photoelectric or ccdobservations) e.g. "0.0010" := $\pm 0.0010$	
u	uncertainty-flag	:	JD heliocentric is uncertain
s	secondary minimum	s	eclipsing binaries only
mag	brightness		e.g. 11.0, 9.55, 11.35:
			a colon means, the brightness is uncertain
		C	CCD- photometry
		E	photoelectric result
		F	photographical series of exposures
		K	wedgephotometer
		P	weak image on photographic plate
phot	photometer	vis	visual observation
			number of remark, e.g. „101)“, for description see file “REM”
filt	filter	for description see file “REM”, blank if photometry = vis, F, P, K	
numb	single brightness		number of measurements oder estimates
ob	observer		BAV-observer abbreviation, for description see file "BOB"
ob2	observer 2		abbreviation of second observer in teams
remarks			number of remark, e.g. “301)”, for description see file “REM” or name of the used survey, e.g. Kepler, ASAS, etc.
<b>Part 2: Extensions</b>			
d	decimal places		number of digits after the decimal point in field “JD heliocentric”
BAVM	BAV Mitteilungen		number of the BAVM, where the result has been published
		MVS	:= the result has been published in MVS
ty	type-key	999	:= not published in BAVM or MVS, see publ-ext
		1	= E, EA, EB, EW
		2	= RR, RRAB, DSCT, SXPHE
		3	= CEP, DCEP, CW
		4	= M
		5	= L, SR, RV
		6	= ZAND, RCB, UG, IN, N
nc	number of constellation	nn	01 - 88, e.g. And = 01, Vul = 88
		ns	number of star
ns	number of star	nnnn	numbering scheme like at GCVS e.g.: R=0001 / RT=0012 / V0345=0345 / alpha=9001
		9444	means preliminary starname
observer			if there ist no BAV-observer abbreviation
publ-ext	publication-extension		further information, e.g. details for publications in MVS

J. Hübscher  
 August 2016

---

Bundesdeutsche Arbeitsgemeinschaft für Veränderliche Sterne e.V. (BAV)

BAV Munsterdamm 90 12169 Berlin Germany zentrale@bav-astro.de  
[www.bav-astro.de](http://www.bav-astro.de)