Annual Report of the Director for Fiscal Year 2002–2003

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This year, marking the 30th anniversary of Janet A. Mattei as AAVSO Director, has been a very active and fruitful—and also an unexpectedly complicated—one. Some highlights include: significant progress in the validation of the data in the AAVSO International Database; major clean-up of the data files as a result of the validation project; new AAVSO website designed and put on-line; *new Hands-On Astrophysics* website designed and put on line; AAVSO website server upgrade, enabling faster access; continued increase in AAVSO website usage; increase in Light Curve Generator accesses and data downloads; three "Variable Star of the Month" and four "Variable Star of the Season" presentations created; AAVSO database linked with SIMBAD.

Also, we have: continued production of monographs, adding a new monograph series on RR Lyrae stars; responded to 536 requests for AAVSO data—new record high; made good progress on the archives project having started archiving the correspondence of the Mattei era; expanded our chart work and organized it to be more efficient; issued many new and/or revised charts; expanded the AAVSO High-Energy Network to include more types of high-energy sources.

A minor planet was named for AAVSO.

More highlights include: added the 11-millionth observation to the AAVSO International Database; digitized over 91,000 unreported observations by Wayne Lowder; implemented *MyNewsFlash*, a completely automated, customizable program to alert observers to activity of requested stars.

The lowlight of the year was the sudden, critical illness of Janet Mattei in September, with all its ramifications for Janet herself, her husband, and her family, and for the AAVSO.

1. Internet presence: the AAVSO website

AAVSO website usage has continued to increase this past year. The new *Hands-On Astrophysics* (HOA) website went online in March, with its new design, easier navigation, and new materials from the HOA curriculum. The new AAVSO website went online in early June. Response has been extremely favorable to the new features and organization. The most popular pages continue to be the light curve generator, the quick look file, the chart search engine, and WebObs. Here are some of our website additions and improvements.

New website highlights: Its new design and organization emphasize current events and announcements on the home page; at the top of all pages is a search feature and "breadcrumb" links; the home page also has a pulldown menu with links to help with navigation; two home pages cater to professional astronomers or beginners; side borders have been eliminated to make more room on each page for text and content; a "Pick A Star" program on every page enables you to make light curves, find charts, and/or view data for any star of your choice from any page on the site; the "top ten downloaded pages" live list on the home page shows which pages are most popular every week.

Educational tools: The redesigned and reorganized *Hands-On Astrophysics* (HOA) website is now online, with new activities and more information from real HOA materials included on the website, and online ordering of HOA now available through our secure server.

We added three stars to the "Variable Star of the Month" pages (μ Cep, VW Hyi, V838 Mon) and four to the "Variable Star of the Season" pages (U Mon, W Vir, R Aqr, and UV Cet).

Data, observing, membership, and new features: We created and updated specialty star webpages for: V838 Mon; V4743 Sgr; NGC1097; SN 2003cg; GRB030329; N Sgr 03 #1; ρ Cas; N Oph 03; LX Cyg; SN 2003hn; SN 2003hx; SN 2003hv; and N Sgr 03 #2.

We created specialty pages for Berto Monard's discovery of GRB030725 afterglow and for Dr. Christopher Mauche's campaign to monitor QS Tel.

Pages were created to explain AAVSO's impact on science; the AAVSO International Database; and the AAVSO Validation Project.

We revamped the Gamma-Ray Burst pages; added several observing aids; added an article on CCD transformation coefficients by Louis Cohen. An NMO (Needs More Observations) planning tool developed by AAVSO member Mike Simonsen was added to the *AAVSO Bulletin* page each month.

We posted a new version of the TS data analysis program ; added a Julian Date converter; added the Observer Totals from 2001–2002; added the Fall 2002 and Spring 2003 meeting archives with photo galleries, audio/video, and ppt downloads available.

We added new papers to the "AAVSO in print" section; member/observer profiles and webpages (Lou Cox and recent Nobel Laureate Riccardo Giacconi).

Also added to the website were: Variable Star Chart CD ROM2 order form page; Dorrit Hoffleit's autobiography order form page; a page about the *London Times* article on Dorrit Hoffleit; an "In Memoriam" section, which includes pages on Cap Hossfield, Wayne Lowder, Danie Overbeek, Art Stokes, and Ted Wales.

We scanned every director's report from 1954 through 2000; they are now available from our website.

A web page was created on NASA astronaut Dr. John Grunsfeld being named NASA Chief Scientist. We enhanced the solar photo gallery with many more photos; and created a page on Minor Planet AAVSO.

Publications added to the AAVSO website: *AAVSO Solar Bulletin* for September 2002–August 2003 (12 issues); *RR Lyrae Bulletin*, No.5; *AAVSO Newsletter*, Nos. 28 and 29, in html and pdf; *Eyepiece Views*, Vol. 2, No. 6, in html and pdf; *CCD Views*, Nos. 312–315 and one Special issue, in html and pdf; the JD Calendar for 2003;

AAVSO PEP Newsletter, Vol 22, No.1; *EB and RR Lyrae Ephemerides* for 2003; *AAVSO Bulletin No.66* for 2003; five *Alert Notices*; 174 *News Flashes*; and *Observed Times of Minima of Eclipsing Binaries Nos. 7* and *8*.

Internet statistics: Here are some website statistics from October 1, 2002, through September 30, 2003: total webpages downloaded, 2,978,412; average pages downloaded, 8,160 per day or 1 every 10 seconds (1 every 25 seconds last year); average data transferred per day, 329 megabytes (241 megabytes last year); number of individual visitors, 204,213 (many returning visitors—last year it was 90,472); average individuals per day, 559—more than 1 every 3 minutes (last year it was 497).

The most active day was Wednesday (last year Thursday). The Most active time was 3–4 P.M. EST (last year it was 11 A.M. EST). The most inactive day was Sunday. The most inactive time was 2 A.M. EST.

The number of light curves plotted was about 93,170 (last year, 28,000), at a rate of about 255 plots per day (last year it was 145 plots per day) including about 20 from Exphem, 1 from KStars . The most popular stars were R CrB, SS Cyg, and U Gem. A total of 808,771 charts were downloaded (76,639 last year).

The top ten downloaded pages were: Light Curve Generator; Quick Look File; Chart Search; Web Obs; V838 Mon pages; Variable Star Section; Observing Manual; Search Site; Solar Section; Observing Programs.

Some comments from our website visitors:

> • ...I must say that the AAVSO website is a wonderful tool. I just tried out the new server using the Light Curve Generator against some "favorites" of mine and I'm quite impressed in the response time! You and the entire AAVSO staff are to be applauded for all your efforts in meeting members needs (and wants in many cases!) Thanks again! —November 14, 2002, from Alabama.
>
> • I've not had any recent problems anywhere on the AAVSO website. In fact, I consider it one of the best websites I've used. —November 17, 2002, from Canada.
>
> • ...I would like to express my appreciation for the AAVSO membership renewal facilities that now make it so easy for members outside the U.S. If in the past I had to make my way to a bank to arrange an overseas draft in U.S. dollars, now I can do it in minutes over the Internet with a credit card. —December 16, 2002, from Australia.
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> • I'm fond of describing myself as an "expert" on beginning variable star observing. Like Mark Twain said about giving up smoking, "It's easy, I've done it dozens of times!" I made my first variable star observation (Chi Cygni) in 1961, but never reported it to the AAVSO. I got more serious in 1963, and made seven observations in one month, got my initials, and reported them. After being out of astronomy for decades, I started observing again in 2001, and made four observations. Finally,

last September I started a fourth time, and this time it seems to be taking. What has made the difference this time around is the AAVSO's internet presence. It's wonderful to be able to download any chart I want at a moment's notice. It's wonderful to be able to check my observations immediately to see whether I'm in the right ballpark. And it's wonderful to share the camaraderie of this email list. This time I'm hooked!
—March 1, 2003, from Canada.

• I like the look and feel of the site. Very professional! —March 20, 2003, from Massachusetts.

• I consider the AAVSO web pages among the best designed and easiest to use I've seen anywhere. —March 7, 2003, from Canada.

• One more thing which is also very good-one may select features in "AAVSO Light Curve Generator." To see how my observations "fit" in relation to others I use yellow for others and dark red for me. One may also choose to see only visual or CCDV or whatever. —March 8, 2003, from Canada.

• Just found out about the new AAVSO web...I think it's pretty darn good! It's clean, concise, and esthetically pleasing. From time to time, I teach web page design at Newbury College and always have my students browse the internet and critic various sites. AAVSO has always been, what I considered, a premiere site.... Congratulations!!!
—June 7, 2003 from U.S.A.

• Personally, I like the new web page. The new AAVSO site does everything that it used to do, and more. It is functional and I can learn to navigate it. What else can a person ask for? —June 7, 2003 from U.S.A.

• Website—it's great! I like it and like the colors. I've found everything I use and it loads quickly. I use dialup and appreciate that there are few time-consuming pictures, logo's etc. —June 9, 2003 from U.S.A.

• Congratulations on a fantastic job! Your new website is both highly attractive and strongly user-friendly. A really great product and "home-base" for VSO'ers and researchers the world over! —June 17, 2003 from U.S.A.

• The AAVSO web-site is one of my favorite astronomy tools. Thanks! —June 19, 2003 from U.S.A.

• The AAVSO website is superb and very intuitive. —July 11, 2003 from U.S.A.

• I just wanted to say the website looks very classy! It was nice before, (though somewhat dull) but now looks the part of the classy organization that AAVSO represents. Nice work. It's clean and easy to navigate too. I'm glad you kept it clutter free!!!! —July 11, 2003 from U.S.A.

2. Data management and data processing

2.1. Computerization and processing of current data

As a result of the simplified procedures and software for submitting observations electronically developed two years ago, increasingly more observations are submitted electronically through the website and are automatically pipelined into online Quick Look/Light Curve file Generator files every ten minutes.

Over 61% of the incoming data are submitted via WebObs and EmailObs, 30% as email (with a few observers still not sending data in standardized format), and about 8% (down from 15% last year) submitted on paper and digitized at Headquarters.

The transition to processing all observations received during a month, regardless of when they were made, occurred very smoothly, and with no complaints from observers. We are currently up-to-date with data processing.

2.2. Backlogs of observations

The five notebooks of Wayne Lowder's hand-written and not-yet-reported observations have all been digitized, thanks to the efforts of Michael Saladyga and Sarah Sechelski. Our estimated total of about 60,000 observations turned out to be over 91,000! Mike has done considerable pre-processing of these observations, and we plan to process them and include them in the AAVSO database this winter.

As promised by both observers, Rod Stubbings sent his backlog of observations and Albert Jones has sent everything he has digitized from his archives. As Albert receives a request for his data on a star and digitizes it, he sends us a copy for our archives; usually these files go back several to many years.

2.3. Computer hardware, software, and networking

2.3.1. Hardware

To facilitate the AAVSO data validation project, earlier this year we upgraded the monitors of eight staff members to 15-inch flat monitors with funds from the NASA data validation grant. Some of the old monitors were sold to local members and some put into storage for future usage.

The office color inkjet printer, the scanner, and one staff person's five-year old workstation were replaced. The Headquarters laptop computer stolen in the hotel at the Annual meeting last October was replaced, using the insurance money obtained from Holiday Inn, with a more up-to-date laptop computer that is much faster and has many additional features.

The server that hosts the website was upgraded significantly to reduce dramatically the amount of time needed to plot light curves and serve other types of dynamic data. This upgrade was made to prepare for the eventual on-demand fulfillment of online data requests that will come as the Validation Project nears and reaches completion.

In April the AAVSO website was broken into by an unauthorized user via the software that ran the website search engine. The operating system was ruined and large amounts of data in the system (but none of the AAVSO International Database) were lost. Due to a flaw in the tape backup drive, not all of the lost data were recoverable. New backup procedures and a new firewall have been put in place. Thanks to these and other stringent security measures in place, the AAVSO was not affected by any of the Microsoft worms that infected the Internet this summer.

2.3.2. Software and networking

Design work is in progress on a new relational database to host the AAVSO International Database. The new database will give us the flexibility to adapt our structure for new trends and technology. This is a large project and will likely take about six to eight months more to complete in full.

Many new graphic interface scripts were written this year as part of the new AAVSO website, including:

• Data Download—as observations are validated in Validation Project, they become instantly available for automatic download from the website, saving staff time and giving users instant access to data;

• *MyNewsFlash*—completely automated, customizable program to alert user to activity of requested stars; the user chooses the stars and the update frequency. Replaces excessively staff time-consuming News Flash.

• Light Curve Generator enhancements—now can plot different CCD filters data in different colors, does basic averaging, filtering of data based on magnitude/instrumentation/discrepant status.

• AAVSO Discussion Lists—electronic Discussion Group, High-Energy Network, and SID discussion groups have been moved from McMaster University to AAVSO.

• CCD Batch Upload enhancements—tool to upload CCD data to AAVSO expanded to include error reporting, as well as automatic computation of error for certain types of photometry software.

• "Pick A Star"—on the website, put in a star name and click to access quick-look data, light curves, and/or charts.

• Chart Error Reporting—chart error database created to allow users to report chart errors to the chart team.

As part of our National Virtual Observatory (NVO) collaboration with the Harvard-Smithsonian Center for Astrophysics, we had been working with a Harvard student to convert the entire *General Catalogue of Variable Stars* (GCVS) into the format of the AAVSO validation file. The student's available time was not sufficient, however, so we are working on this project ourselves, with Michael Saladyga doing the bulk of the work. We had anticipated completion of this project before the end of the fiscal year, but the project was put back by a few months; we now anticipate completion in early 2004.

In the past the AAVSO has worked very successfully with the developers of the free Unix planetarium software Xephem to build our light curves into their product; this collaboration continues. This winter we also worked with another free Unix astronomy software package called Kstars, a product meant more for the entry-level amateur astronomer (as opposed to Xephem, which is meant for professionals). With the KStars developers, we have created an interface very similar to the AAVSO online light curve generator. We anticipate this will be a good way to expose new amateur astronomers to variable stars. Kstars is available free to Linux/Unix users and comes pre-installed with new versions of Red Hat Linux and KDE desktop manager.

Len Abbey finished his work to convert MS-DOS tools used at Headquarters into Visual Basic programs and the resulting HeadquartersToolbox application has been installed on each system. He is working (on a volunteer basis) on a Visual Basic replacement for Grant Foster's AAVSO solar data reduction and analysis programs and is nearly done. Grant and AAVSO Solar Committee Chair Carl Feehrer are testing some of his calculations.

3. Requests for AAVSO data

We have responded to a new record high number of requests—536 (371 via e-mail or paper and 165 filled on-line)—for AAVSO data and information from astronomers, observers, educators, and students. As the percentage of validated data in the AAVSO Data Validation Project grows (see Section 5.2), more and more requests will be able to be filled online, thus saving more and more staff time.

We have provided data support for ground-based and satellite (such as XMM, RXTE, FUSE, ISO, and Chandra) observations. In addition, a significant number of astronomers are obtaining the data and information they need from materials on our website such as our *News Flashes/MyNewsFlash*, Light-Curve Generator, and Quick-Look files. Most of our data requests come through the web.

Those requesting data from Headquarters are: undergraduate students (41%); professional astronomers (22%); high school students (15%); amateur astronomers (12%); educators (5%); graduate students (4%); other (1%).

A list of individuals requesting data, as well as each person's affiliation and location, is given in Table 5 at the end of this report.

The types of stars for which AAVSO data and services have been requested this year are given in the list below and in Figure 1:

a. Long Period Variables—52% (Mira 38%; Semiregular 14%)
b. Cataclysmic Variables—17% (Dwarf nova 7%; Nova, nova-like, recurrent nova, supernova 10%)
c. Cepheid—8%
d. Miscellaneous—5%
e. Unknown (type = ?)—5%
f. Eclipsing binary and RR Lyrae stars—4%
g. Irregular—4%
h. R CrB stars—2%
i. AM Her stars—1%
j. RV Tau stars—1%
k. S Dor stars—1%

The areas in which AAVSO data have been used this year are given in the list below and in Figure 2:

a. Data analysis—27%
b. Science project—21%
c. Data correlation—13%
d. Scheduling observing run—12%
e. Education—11%
f. Figure for paper—10%
g. Becoming familiar with star—5%
h. Other—1%

4. Awards and recognition

4.1. Awards given

a. AAVSO Observer Awards

We continue recognition of our observers through the Observer Award program. This year, at the AAVSO Spring Meeting in Tucson, Arizona, we presented the following AAVSO Observer Awards:

to Gerard Samolyk of Wisconsin, who has made over 100,000 observations;
two awards to observers who have made 50,000 or more observations;
seven awards to observers who have made 25,000 or more observations;
eight awards to observers who have made 10,000 or more observations;
one award to an observer who has made 25,000 or more CCD observations;
four awards to observerswho have made 10,000 or more CCD observations;
six awards to observers who have made 5,000 or more CCD observations;
one award to an observer who has made 2,500 or more CCD observations;
four awards to observers who have made 1,000 or more CCD observations.

No observer awards were made for photoelectric photometry observations this spring as no observer PEP milestones were reached. A complete list of Observer Award recipients was published in the *Journal of the AAVSO*, Volume 32, Number 1, pages 71–72.

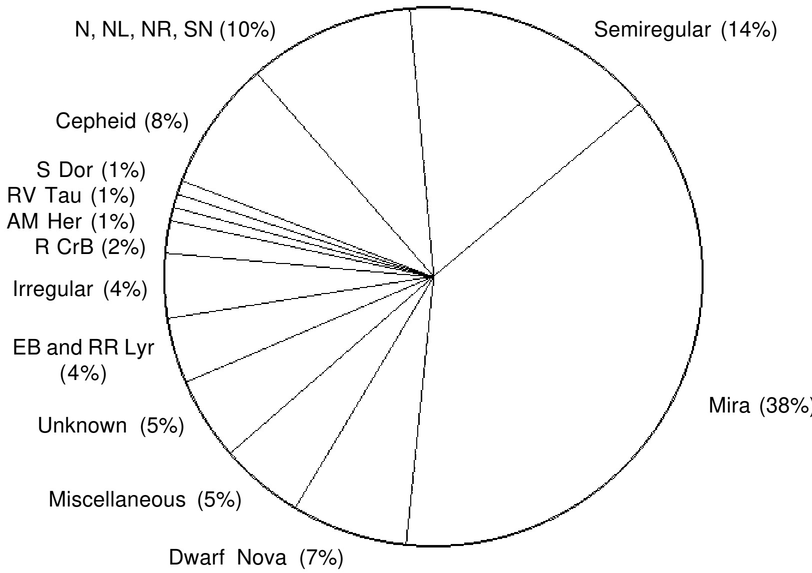


Figure 1. Types of stars for which AAVSO data were requested during fiscal year 2002–2003.

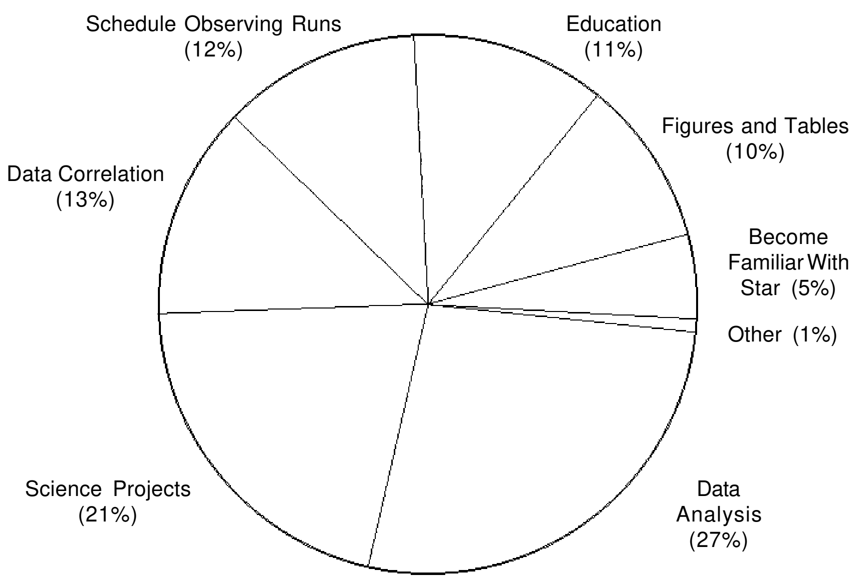


Figure 2. Areas in which AAVSO data or services were used during fiscal year 2002–2003.

b. AAVSO Director's Award

This year the recipients of the AAVSO Director's Award were: Richard Huziak of Saskatoon, Saskatchewan, Canada, for his dedication and valuable contributions in inspiring and mentoring new observers and in improvements to the database and charts; and Gary Poyner of Birmingham, England, for his dedicated contributions to special observing programs and the AAVSO International Database.

c. AAVSO William Tyler Olcott Award

The third AAVSO William Tyler Olcott Award for Distinguished Service was presented to Edward A. Halbach, Estes Park, Colorado, for his mentoring of many generations of variable star observers, dedication, and contributions to astronomy and the AAVSO.

4.2. Awards received

John R. Percy—received the 2003 Northrop Frye Award of the University of Toronto for his teaching and research and involving undergraduate and high school student in astronomical research.

Janet A. Mattei—elected to Honorary Membership in the Astronomical Society of Southern Africa by its Council.

AAVSO—Minor Planet 8900 was named "AAVSO" in honor of the Association by Dennis DiCicco.

5. Special projects

5.1. AAVSO monograph series

We continue with the publication of the *AAVSO Monographs*. The following seven monographs have been published this year: *Z Ursae Majoris Light Curves 1963–2000* (Monograph 18); *FH Serpentis Light Curves 1970–2000* (Monograph 19); *V1500 Cygni Light Curves 1975–2000* (Monograph 20); *NQ Vulpeculae Light Curves 1976–2000* (Monograph 21); *PW Vulpeculae Light Curves 1984–2000* (Monograph 22); *V838 Herculis Light Curves 1991–2000* (Monograph 24); *V4362 Sagittarii Light Curves 1994–2000* (Monograph 26). The monographs were prepared by Janet Mattei, Kerriann Malatesta, and Gamze Menali.

A new *AAVSO Monograph* series—*Observed Maxima Timings of RR Lyrae Stars*—was begun this spring with Number 1: *XZ Cygni 1965–2002*, prepared by Marvin Baldwin and Gerry Samolyk.

5.2. Validation of the AAVSO International Database

The validation project funded by NASA is progressing very well. Rebecca Pellock continues to do an excellent job as coordinator, and all team members are working hard on "their" stars. In the initial months of the project considerable time was spent in assembling the validation team, establishing rules and procedures, writing new programs for several validation procedures, planning, and training the team. This followed checking the entire database for non-corresponding variable star names and positions (designations) and making the necessary corrections.

To date, 54% of the grant time has elapsed. At this point, 95% of the data points to be validated are clear of name/designation discrepancies and 48% of the data have been validated. Six technical assistants are working on the project at varying percentages of their time and to date 3,298 hours of staff time have been spent on this project.

5.3. Charts

In the first half of the fiscal year we continued to make new charts of novae, supernovae, and new variables, and correct, upgrade, and make minor revisions—mostly cosmetic—to existing charts, with the chart work being mostly carried out by Aaron Price at Headquarters, Marc Biesmans, and Charles Scovil. During this period, 134 new charts (including 18 for the *Alert Notices*) were made, 76 charts were revised, and 99 charts underwent cosmetic changes. All of these charts were put online and are accessible through the AAVSO website. Also, each time there was a chart revision, all observers who signed up to receive notice were alerted.

In June the AAVSO established a new AAVSO Charts Team whose job is to assist Headquarters in the creation of variable star charts as well as to maintain, correct, and revise the existing charts. Communication and coordination are carried out though a private discussion group as well as personal email correspondence. Aaron Price is the team administrator and liason for Headquarters. Mike Simonsen is team leader, and Charles Scovil acts as senior advisor and mentor to the team. Arne Henden is technical advisor on photometry. There are eight other team members, including Marc Biesmans, Richard Huziak, and Mati Morel. Since June, 222 new or revised charts, 24 blazar charts, and *Alert Notice* charts for 3 novae and 3 supernovae have been published. The blazar charts are part of an ongoing collaboration with the Gamma Ray Large Area Space Telescope (GLAST) team.

A list of all the charts, release dates, and changes made to them is available at the charts section of the AAVSO website under the "Chart News and Recent Updates" link, and is e-mailed to the charts-announce mailing list that was created in response to user requests at the 2002 Spring Meeting.

In addition, we started work on creating a database of all comparison stars on all AAVSO charts in preparation for automatic chart making and more efficient comparison star sequence changes. The documentation on the comparison stars on over 25% of all the charts has nearly been completed—over 16,000 comparison stars entered and over 10,000 verified. 16 observers are volunteering their help on this project, called the Comparison Star Database (CompDB) Project and coordinated by Aaron Price at Headquarters, with Vance Petriew as team leader.

5.4. Special publication

The autobiography of Dorrit Hoffleit—*Misfortunes as Blessings in Disguise*—has been received with great acclaim and continues to sell well.

5.5. AAVSO International High-Energy Network (formerly the Gamma-Ray Burst Network)

2003 was a very active year for the AAVSO International High-Energy Network (HEN), which was renamed from the AAVSO International Gamma-Ray Burst (GRB) Network in order to reflect its growing mandate to observe other high-energy phenomena.

GRB030329 was a very bright GRB that was well covered by the network. It resulted in five Global Coordinates Network (GCN) notices being released and one IBVS paper with 444 measurements and one indirect detection via sudden ionospheric disturbance (SID).

A few months later GRB030725 became the first GRB afterglow ever discovered by an amateur observer. Libert Monard's discovery prompted our co-release of a press release with NASA, and extensive press coverage worldwide.

The AAVSO HEN is expanding into the monitoring of blazars and magnetic variables (polars). Blazars will be monitored over the next four years with the GLAST Telescope Network (GTN). A poster paper describing this collaboration was presented at the January 2003 AAS meeting. Polars are being monitored in support of the European Space Agency's X-Ray Multi-Mirror (XMM) Newton orbiting observatory. X-ray flares are also being monitored when appropriate.

5.6. AAVSO Presence in SIMBAD

We have been working with colleagues at the Centre Données Astronomique (CDS) de Strasbourg to put a link in SIMBAD (http://simbad.u-strasbg.fr) to the AAVSO light curves for stars in the AAVSO observing program. There is now a link in SIMBAD to the AAVSO on nearly every variable star in our observing program. The future plan is for the link to go to a light curve.

6. AAVSO education project

The dissemination of *Hands-On Astrophysics* (HOA) continues, with sales through the AAVSO, Astronomical Society of the Pacific, and Sky Publishing Corporation.

This fiscal year we sold 67 HOA packages and gave out 2 complimentary packages. We also sold 5 HOA videos.

7. Summary of observations

We had a milestone in the AAVSO International Database-the 11-millionth observation was made by Gary Poyner (Birmingham, England) with his observation of 0959+68 CH UMa at magnitude 14.7 on JD 2452758.419 (2003 April 28.919 UT). This marks the second time Gary Poyner has made a milestone observation—he also made the 8-millionth observation in 1995. Figure 3 shows the AAVSO Megasteps—the years in which each half-millionth observation was contributed to the AAVSO International Database and the name of the observer making each megastep observation.

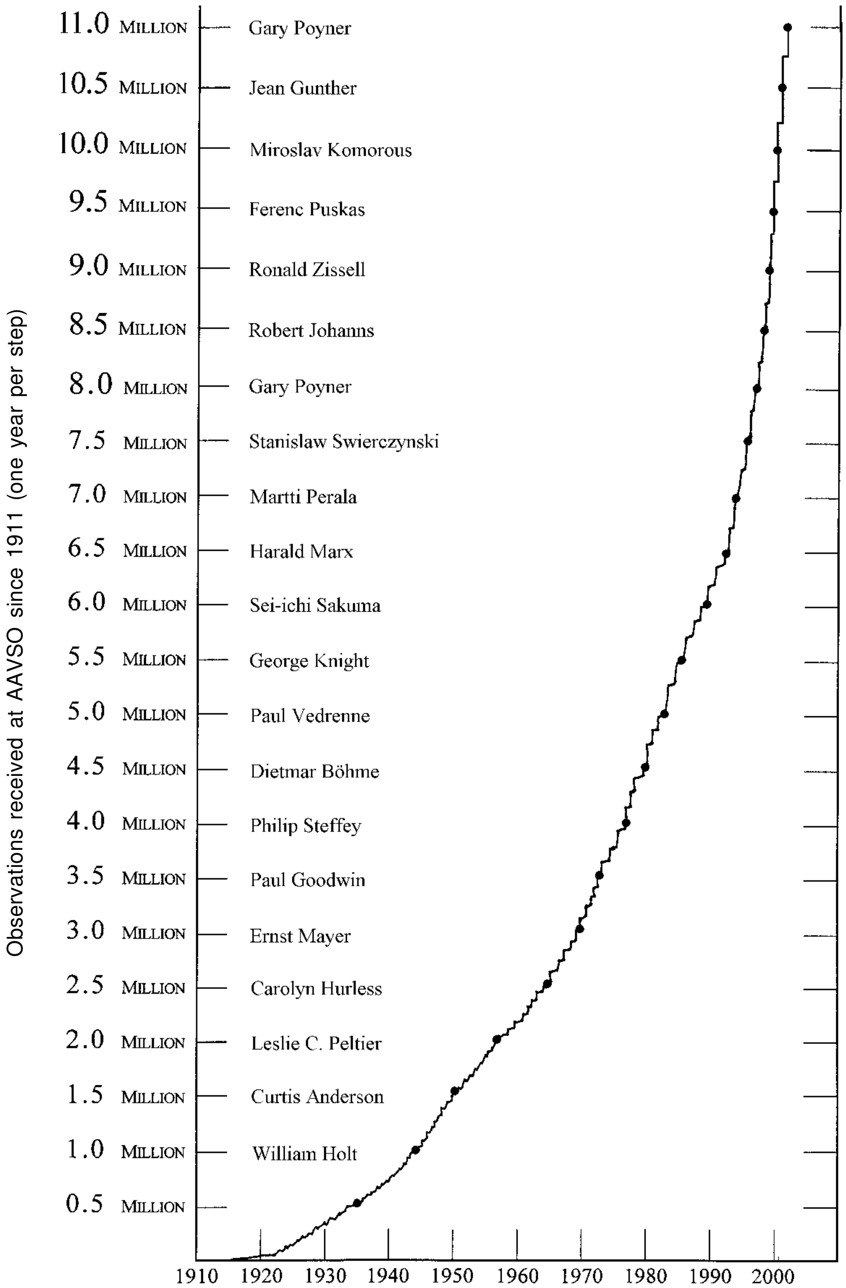


Figure 3. "Megasteps" of the AAVSO—the year in which each half-millionth observation was contribued to the AAVSO International Database, and the name of the observer credited with making the observation.

7.1. Annual observations

This year we received 432,660 visual, photoelectric, and CCD observations from 752 observers around the world (Figure 4). These totals include 133,800 observations, of which 27,560 are inner sanctum observations, from 271 observers in 43 states and territories of the United States, and 298,860 observations, of which 52,877 are inner sanctum observations, from 481 observers in 41 countries.

We continue to receive increasing numbers of observations from observers in the southern hemisphere and from observers with CCDs.

The total number of observations since 1911 in the AAVSO International Database is 11,202,974.

Our top three observers for this fiscal year were Albert Jones (New Zealand) with 20,521 observations, Lew Cook (USA) with 18,088, and Rod Stubbings (Australia) with 16,415 observations.

Table 1 lists the number of observers and the total observational contribution from each country during this fiscal year. Table 2 gives the same information for each state or territory in the United States. Table 3 is an alphabetical list of observers, giving each person's AAVSO observer initials, location, and annual totals of observations and inner sanctum observations (magnitude of 13.8 or fainter, or "fainter than" 14.0 and fainter).

Table 4 lists the numbers of observers, each of whom made 1 to 999 observations; 1,000 to 9,999 observations (in increments of 1,000); and 10,000 or more observations this year. Table 4 also lists for each category the total number of observations and the percentage of all observations the category represents. Figures 5, 6, and 7 show schematic representations of the information in Table 4.

We received 2,152 observations from 20 photoelectric observers. Phillip Manker, chair of the AAVSO Photoelectric Photometry Committee, digitizes these observations, reduces them to standard format, archives them, and sends them to Headquarters to be included in the AAVSO Photoelectric Photometry Database.

We received 98,892 CCD observations from 116 observers. These include *B, V, R, I* observations of CCD program stars and the CCD observations of other types of stars, particularly faint cataclysmic and long period variables. Gary Walker, chair of the AAVSO CCD Committee, makes sure that the CCD-program star observations are reduced in the standard format, archived, and submitted to Headquarters for inclusion in the AAVSO CCD Database.

We received 54,523 eclipsing binary and RR Lyrae star observations from 169 observers. Marvin Baldwin, chair of the AAVSO Eclipsing Binary and RR Lyrae Committees, together with committee member Gerry Samolyk, reduces and archives the observations for the determination of times of minima and maxima, respectively.

We received 1,540 supernova search observations from six observers. These observations, which are not included in the annual totals, are archived at AAVSO Headquarters. Rev. Robert Evans, chair of the AAVSO Supernova Search Committee, continues to provide vital guidance to the observers.

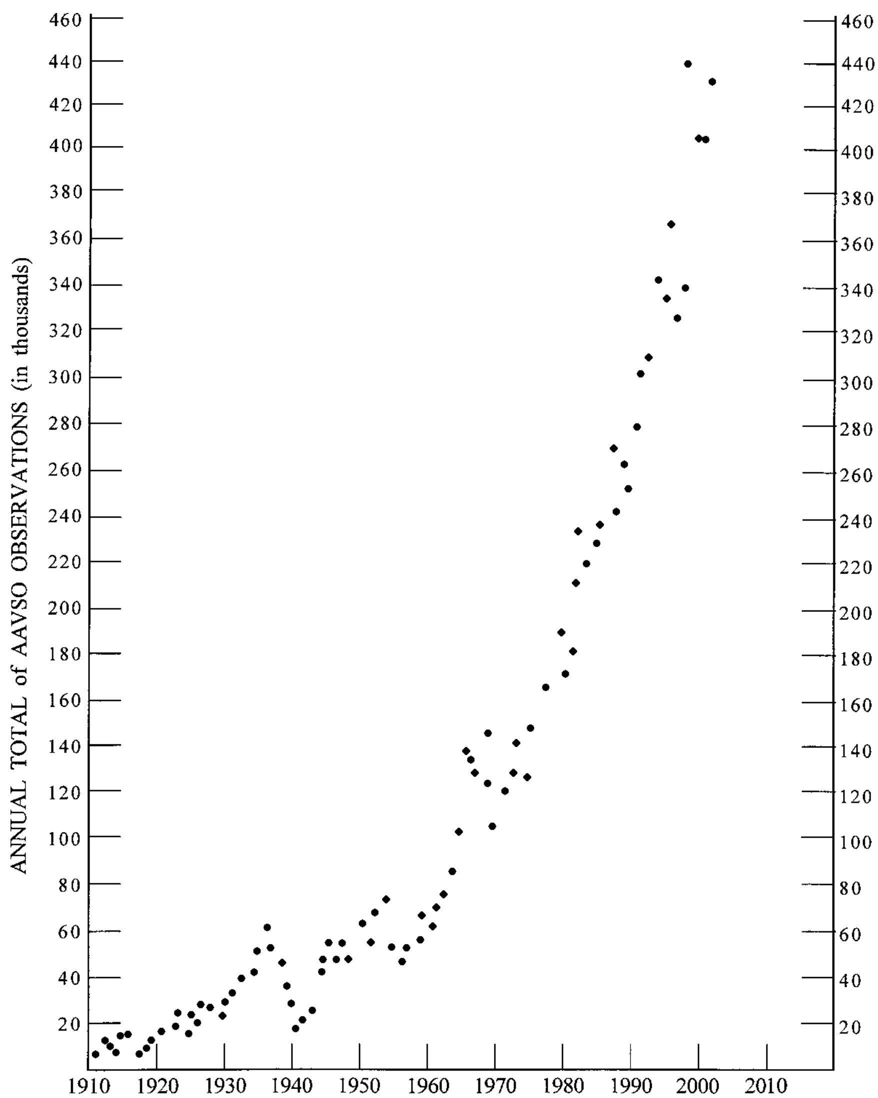
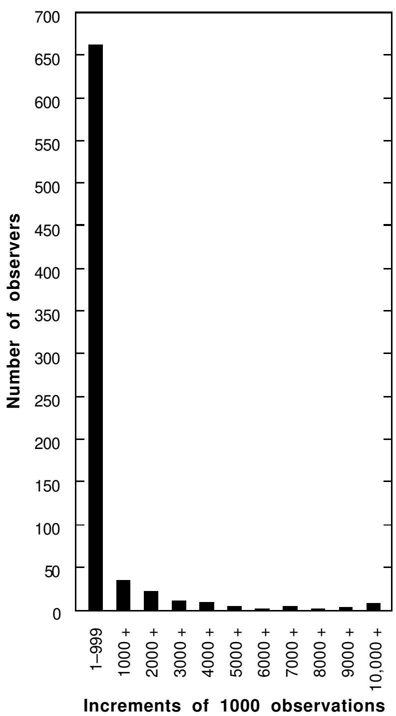
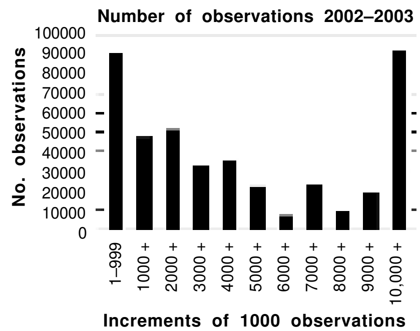
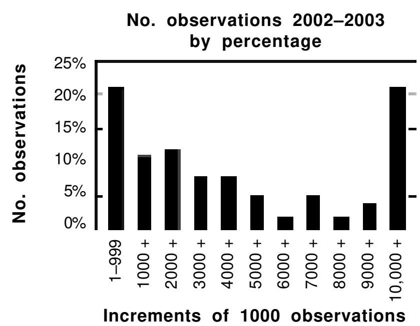


Figure 4. Number of observations submitted each year to the AAVSO International Database since its founding in 1911.







Figures 5, 6, and 7. These figures represent the information given in Table 4. Figure 5(left) shows the number of observers, each of whom contributed 1–999; 1,000–9,999 (in increments of 1000), and 10,000 or more observations in fiscal 2002–2003. Figure 6 (top right) shows, for each increment of 1,000 observations, the total number of observations contributed by the corresponding number of observers shown in Figure 5. Figure 7 (bottom right) shows, for each increment of 1,000 observations, the number of observations given in Figure 6, represented as a percentage of the total number of observations contributed to the AAVSO in fiscal 2002–2003.

We received 10,635 nova search observations from five observers. These observations are not included in the annual totals. Rev. Kenneth Beckmann, chair of the AAVSO Nova Search Committee, compiles these observations and provides valuable guidance to observers.

Thanks to all of our observers for their important contribution to the AAVSO International Database.

My thanks also go to our data processing and archiving staff—Michael Saladyga, Gamze Menali, Barbara Silva, and Gloria Ortiz-Cruz—who carefully digitize, process, and archive our hundreds of thousands of observations received each year.

7.2. International cooperation

We acknowledge with appreciation the observations sent to the AAVSO by members of the following variable star associations, either individually or as a group, for inclusion in the AAVSO International Database for dissemination to the astronomical community worldwide:

a. Agrupacion Astronomica de Sabadell (Spain)
b. Asociacion de Variabilistas de Espagne (Spain)
c. Association Française des Observateurs d'Étoiles Variables (AFOEV)
d. Astronomical Society of Southern Africa, Variable Star Section
e. Astronomischer Jugendclub (Austria)
f. Astronomisk Selskab (Scandinavia)
g. Brazilian Observational Network REA
h. British Astronomical Association, Variable Star Section
i. Bundesdeutsche Arbeitsgemeinschäft für Veranderliche Sterne e.V. (BAV) (Germany)
j. Grupo Astronomico Silos (Zaragoza, Spain)
k. Israeli Astronomical Association, Variable Star Section
l. Liga Ibero-Americana de Astronomia (South America)
m. Madrid Astronomical Association M1 (Spain)
n. Magyar Csillagászati Egyesület, Változócsillag Szakcsoport (Hungary)
o. Koninklijke Nederlandse Vereniging Voor Weer-en Sterrenkunde, Werkgroep Veranderlijke Sterren (Netherlands)
p. Norwegian Astronomical Society, Variable Star Section
q. Royal Astronomical Society of Canada
r. Royal Astronomical Society of New Zealand, Variable Star Section
s. Ukraine Astronomical Group, Variable Star Section
t. Unione Astrofili Italiani (Italy)
u. URSA Astronomical Association, Variable Star Section (Finland)
v. Vereniging Voor Sterrenkunde, Werkgroep Veranderlijke Sterren (Belgium)

8. Membership

At the 92nd Spring Meeting, held in Tucson, Arizona, April 23–26, 2003, we elected 63 new members, two of whom joined as Sustaining members, and including one elected to Complimentary membership (Brian Skiff). A list of these new members appears on page 70 of Volume 32, Number 1, of the *Journal of the AAVSO*.

At the 92nd Annual Meeting, held in Cambridge, Massachusetts, October 25, 2003, we elected 52 new members, one of whom joined as a Sustaining member, and two of whom were given a complimentary membership. A list of these new members appears in this issue of the *Journal* following the minutes.

9. Publications

9.1. AAVSO Publications

The *AAVSO News Flash* ceased publication August 11, 2003, with No. 1214. It was replaced by the customizable, completely automated *MyNewsFlash* written by Aaron Price.

The following AAVSO publications have been published from October 2002 through September 2003:

a. *Journal of the AAVSO*, Vol. 30, No. 2, Vol. 31, No. 1, edited by Charles A. Whitney, with assistance from Elizabeth O. Waagen and Michael Saladyga.

b. *AAVSO Bulletin 66: 2003 Predicted Dates of Maxima and Minima of 561 Long Period Variables*, prepared by Janet A. Mattei, with assistance from Elizabeth O. Waagen.

c. *AAVSO Alert Notice*, Nos. 298–302, prepared by Janet A. Mattei, with assistance from Kerriann H. Malatesta and Elizabeth O. Waagen.

d. *AAVSO News Flash*, Nos. 1040–1214 (ceased publication August 11), prepared by Janet A. Mattei and Rebecca T. Pellock, with assistance of Kerriann H. Malatesta, Gamze Menali, and Elizabeth O. Waagen.

e. *AAVSO CCD Views*, Nos. 312–315 plus one special issue, prepared by Aaron Price and Gary Walker, with contributions by Janet A. Mattei.

f. *AAVSO Eyepiece Views*, Vol. 2, No.6, prepared by Gamze Menali and Aaron Price with contributions by Janet A. Mattei and Mike Simonsen.

g. *AAVSO Newsletter*, Nos. 28 and 29, edited by Travis Searle and Dan Brannen.

h. *AAVSO 2003 Ephemeris for Eclipsing Binaries*, prepared by Gerard Samolyk and Marvin E. Baldwin.

i. *AAVSO 2003 Ephemeris for RR Lyrae Stars*, prepared by Gerard Samolyk and Marvin E. Baldwin.

j. *AAVSO RR Lyrae Bulletin*, No. 5, edited by Ray Berg.

k. *Observed Maxima Timings of RR Lyrae Stars, Number 1: XZ Cygni 1965–2002*, prepared by Marvin E. Baldwin and Gerald Samolyk.

l. *AAVSO Solar Bulletin*, Vol. 58, Nos. 9–12; Vol. 59, Nos. 1–8, prepared by Carl Feehrer, SID reports by Michael Hill.

m. *AAVSO Photoelectric Photometry Newsletter*, Vol. 22, No. 1, edited by John R. Percy.

9.2. Publications by AAVSO staff or members (partial list)

a. "Multicolor Observations of V838 Mon" by A. Price, J. Mattei, A. Henden, D. West, J. Bedient, P. Nelson, L. Smelcer, D. Klinglesmith, K. Luedeke, C. Sherrod, S. O'Connor, A. Oksanen, and M. Templeton was published in *Information Bulletin on Variable Stars*, No. 5315; 2002.

b. "NSV 10892 is a W UMa Eclipsing Binary" by Michael D. Koppelman, Doug West, and Aaron Price was published in *Information Bulletin on Variable Stars*, No. 5327; 2002.

c. "Period Change in S Sextantis" by Matthew Templeton and Janet Mattei was published in *Information Bulletin on Variable Stars*, No. 5344; 2002.

d. "The 1985 October Long Outburst of U Geminorum: Revealing the Viscous Timescale in Long Orbital Period Dwarf Novae" by J. K. Cannizzo, N. Gehrels, and J. A. Mattei was published in the *Astrophysical Journal*, 579, 760; 2002.

e. "Strange Mystery: Strange Stars" by A. Price was published in the *Journal of the American Association of Variable Star Observers*, 30.2, 113; 2002.

f. "The GTN-AAVSO Blazar Program" by G. G. Spear, J. A. Mattei, A. Price, T. Graves, T. Borders, G. Slater, and L. R. Cominsky was published in the *American Astronomical Society Meeting 201*, #53.09; 2002.

g. "Photometry of OW Gem" by D. H. Kaiser, A. A. Henden, S. Dvorak, *et al.* was published in *Information Bulletin on Variable Stars*, No. 5347, 1; 2002.

h. "LX Cygni: a Mira Variable with a Drastic Period Increase" by Matthew R. Templeton, Janet A. Mattei, and Aaron Price was published in *Information Bulletin on Variable Stars*, No. 5367; 2003.

i. "A Revised Period for AY Aur" by A. Price, M. R. Templeton, and J. A. Mattei was published in *Information Bulletin on Variable Stars*, No. 5383; 2003.

j. "R Coronae Borealis" by J. Mattei, A. Baransky, and K. Hornoch was published in the *International Astronomical Union Circular*, No. 8077; 2003.

k. "YY Herculis" by E. O. Waagen and R. James was published in the *International Astronomical Union Circular*, No. 8083; 2003.

l. "Nova Sagittarii 2003 and V2377 Sagittarii" by J. Brown, M. Yamamoto, S. Nakano, R. Kushida, K. Kadota, A. C. Gilmore, P. M. Kilmartin, L. Skuljan, R. Stubbings, E. O. Waagen, and A. Jones was published in the *International Astronomical Union Circular*, No. 8123; 2003.

m. "The Behavior of the Optical and X-Ray Emission from Scorpius X-1" by B. J. McNamara, T. E. Harrison, R. T. Zavala, *et al.* was published in the *Astronomical Journal*, 125, 1437; 2003.

n. "Chandra HETG Observations of SS Cyg and U Gem in Quiescence and Outburst" by C. W. Mauche, D. A. Liedahl, K. S. Long, J. C. Raymond, P. Szkody, P. J. Wheatley, and J. A. Mattei was published in the *American Astronomical Society HEAD Meeting 35*, No. 18.07; 2003.

o. "GCN GRB Observation Report No. 1849 on GRB 030131 Afterglow Candidate" from Arto Oksanen and prepared by A. Price was issued March 2, 2003. (http://lheawww.gsfc.nasa.gov/docs/gamcosray/legr/bacodine/gcn3/1849.gcn3).

p. "GCN GRB Observation Report No. 1949 on GRB030323 Possible Optical Counterpart" from Arne A. Henden and prepared by Aaron Price was issued March 24, 2003. (http://lheawww.gsfc.nasa.gov/docs/gamcosray/legr/bacodine/gcn3/1949.gcn3)

q. "AAVSO *V, B, R* Observations of GRB030329" by A. Price, *et al.* was published in *GRB Coordinates Network*, No. 2058, 1; 2003.

r. "Further AAVSO *V, B, R* observations of GRB030329" by A. Price and J. Mattei was published in *GRB Coordinates Network*, No. 2071, 1; 2003.

s. "GRB030329: more AAVSO *VR* obs" by A. Price, A. Oksanen, T. Dilapo, *et al.* was published in *GRB Coordinates Network*, No. 2104, 1; 2003.

t. "GRB030329: 444 AAVSO measurements" by A. Price, B. Aquino, E. Broens, *et al.* was published in *GRB Coordinates Network*, No. 2156, 1; 2003.

u. "GRB030329 observed as a sudden ionospheric disturbance (SID)" by P. W. Schnoor, D. L. Welch, G. J. Fishman, and A. Price was published in *GRB Coordinates Network*, No. 2176, 1; 2003.

v. "GRB030329: Multicolor Light Curve and Ionospheric Detection" by A. Price, C. G. Achee, B. Aquino, D. Beaver, *et al.* was published in the *Information Bulletin on Variable Stars*, No. 5415, 1; 2003.

w. "CCD photometry of U UMi" by L. Smelcer was published in the *Information Bulletin on Variable Stars*, No. 5418, 1; 2003.

x. "Period Changes in the Mira Variable TY Cas" by M. L. Hazen and J. A. Mattei was published in the *Journal of the American Association of Variable Star Observers*, 31.1, 21; 2003.

y. "The Double Supergiant Binary OW Geminorum" by D. Terrell, D. H. Kaiser, A. A. Henden, R. Koff, D. West, S. Dvorak, A. C. Pullen, and C. P. Stephan was published in the *Astronomical Journal*, 126, 902; 2003.

10. Meetings attended and talks given

[Ed. note: this section was prepared by Elizabeth Waagen after Janet Mattei's death, and is incomplete.]

10.1. Meetings attended

Meetings Janet Mattei attended during 2002–2003 included:

a. Fifth Symposium of the Astronomical Society of Southern Africa, November 29–December 1, 2002, Muldersdrift, South Africa.

b. Towards Other Planetary Systems (TOPS) Workshop, planning session, Honolulu, Hawaii, February 24–26, 2003.

c. AAVSO 92nd Spring Meeting, Tucson, Arizona, April 22–29, 2003.

d. TOPS Workshop, workshop sessions, Honolulu, Hawaii, June 9–27, 2003.

e. *Amateur Astronomy: It's All in the Stars...and Comets, Planets, and Moons* (as lecturer), course offered by the Smithsonian Institution,Washington, DC, August 14, 2003.

During 2001–2002, the meetings Janet Mattei attended included (omitted from Director's Report, *JAAVSO* Vol. 31, No. 2):

a. Siemans-Westinghouse Science and Technology Competition, Georgia Institute of Technology, November 9, 2001.

b. AFOEV International Meeting on Variable Stars, Bourbon-Lancy, France, August 26–28, 2002.

10.2. Talks given

Talks Janet Mattei gave during 2002–2003 included:

a. "Contributions of South African Amateur Astronomers to Variable Star Research," Danie Overbeek Memorial Lecture, Fifth Symposium of the Astronomical Society of Southern Africa, November 29, 2002, Muldersdrift, South Africa.

b. "Semiannual Report of the Director for 2002–2003," AAVSO 92nd Spring Meeting, Tucson, Arizona, April 26, 2003.

c. "Following Stars," lecture in the *Amateur Astronomy: It's All in the Stars...and Comets, Planets, and Moons* course in the Smithsonian Institution Resident Associate Program, Washington, DC, August 14, 2003.

During 2001–2002, the talks Janet Mattei gave included (omitted from Director's Report, *JAAVSO* Vol. 31, No. 2):

a. "Variable Star Measurement and Analysis—Tools to Develop Astronomical Research," Siemans-Westinghouse Science and Technology Competition, Georgia Institute of Technology, November 9, 2001.

b. "Variable Stars—Stars That Talk to Us," AFOEV International Meeting on Variable Stars, Bourbon-Lancy, France, August 26–28, 2002.

11. Personnel at Headquarters

We are extremely fortunate to have a very special group of people working at AAVSO Headquarters. On behalf of Janet Mattei, and personally, I thank each of them most sincerely.

Staff productivity and morale have been high this year. I commend the staff for their professionalism and dedication to their work and the AAVSO since Janet Mattei was taken ill in September.

In July Victor Gonzalez was terminated in his position as Membership Services/ Administrative Assistant. His duties have been assumed by Sarah Sechelski and Travis Searle.

We were delighted when Technical Assistant Kerriann Malatesta and her husband Chris welcomed their son Gavin, born on April 21.

Our present Headquarters staff consists of the following: Director Janet Akyüz Mattei (on medical leave since September 6, 2003); Staff astronomer Matthew Templeton; Senior Technical Assistant and Associate Editor of the *Journal of the AAVSO* Elizabeth Waagen (also Interim Director since September 6); Technical Assistant and *Journal* Production Editor Michael Saladyga; Technical Assistants Rebecca Pellock, Kerriann Malatesta, and Gamze Menali; Membership Services, Administrative Assistant Victor Gonzalez (until early July); Administrative Assistant (and Membership Services since early July) Travis Searle; Office Assistant, Technical Assistant (and Membership Services since early July) Sarah Sechelski; Technical Assistant, Web Kate Davis; Technical Assistant, Technology, and Unix Systems Administrator Aaron Price; 7-month full-time Technical Assistant Sara Beck; part-time Data Entry Technicians Barbara Silva and Gloria Ortiz-Cruz; Volunteers Carl Feehrer and Arthur Ritchie.

In addition, the following persons are being contracted: Charles Scovil (through 2002) and Mark Biesmans for chart preparation; Len Abbey, programming, mostly in Visual Basic; Ann Saladyga (until March 15) followed by Jane Caton, accounting. I thank each of them for their careful work on behalf of the association.

12. Acknowledgements

With deep appreciation and gratitude, I thank all those who have contributed so much to the Association this year.

We remember Clint Ford with fond memories and are grateful to him for providing us with our own Headquarters and with a legacy—the Clinton B. Ford Fund—that assures a sound future for the AAVSO.

We remember Margaret Mayall for her dedicated service to the AAVSO, for making it survive during very hard times, and for the bequest that she and Newton made to assure the sound future of the AAVSO.

Our appreciation and thanks go to our dedicated, enthusiastic, and amazing observers—752 of them around the world this year—the unsung heroes of the AAVSO who make this Association vital to variable star research. Special thanks go to all those who have contributed to the *AAVSO News Flash*, to the Quick-Look file for *MyNewsFlash*, and to our special observing programs.

Our thanks go to members who support the AAVSO with their dues; special thanks to those who are sponsoring the membership of an active observer, and to those who have generously contributed above their dues so that we can serve you, our members, and the astronomical community, well.

My sincere thanks and appreciation go to our Committee Chairs who give so generously of their time and wisdom to the Committee(s) for which they are responsible. Thanks to Gary Walker, Marv Baldwin, Rev. Ken Beckmann, Phil Manker, Carl Feehrer, Mike Hill, Charles Scovil, and Rev. Bob Evans. I particularly thank Phil Manker, who stepped down during the year as AAVSO Photoelectric Photometry Committee chair, for his dedicated service to the association.

I am grateful for, and appreciate, the support of our Vice Presidents Bill Dillon and Kevin Marvel, our Clerk Michael Mattei, and our Council members Geoff Clayton, Lew Cook, Jaime Garcia, Arne Henden, Dave Hurdis, Karen Meech, Chuck Pullen, and David B. Williams.

I especially thank Dan Kaiser, our President, and Martha Hazen, our Secretary.

A special thanks goes to our treasurer, Louis Cohen, for his wisdom and time, and to our accountants, Ann Saladyga and Jane Caton, for their careful work and

dedication. We remember our past Treasurers, Ted Wales and Wayne Lowder, both of whom passed away this year, with affection and great appreciation for their help and expertise.

Additional thanks go to Dan Kaiser for his being in charge of our Mentorship program, Arne Henden for his leadership in our GRB/HEN program and in CCD photometry matters, and Doug Welch for his administration of our on-line Discussion Group and GRB/HEN Discussion Group.

Our thanks and appreciation go to Arne Henden, Bruce Sumner, and Ron Zissell for their work on comparison star sequences for AAVSO charts, to Charles Scovil, Marc Biesmans, Steve O'Connor, AAVSO Chart Team leader Mike Simonsen, and all the Chart Team members for their work on AAVSO charts, and to AAVSO Comparison Star Database Project Team leader Vance Petriew and all the CompDB Team members for their work on digitizing and cataloguing the comparison stars on all AAVSO charts.

Our sincere thanks go to Charles Whitney for his continuing editorship of the *Journal of the AAVSO*.

Our sincere thanks go to John Percy for his excellent editorship of the *AAVSO Photoelectric Photometry Newsletter*.

Our thanks and appreciation go to Len Abbey for his valuable contribution in programming so many much-needed software packages for our technical operations.

Our sincere thanks go to AAVSO Headquarters volunteer Arthur Ritchie for his ongoing assistance with digitizing monthly sunspot reports.

Thanks go to Stamford Observatory for allowing Charles Scovil and John Griese to use the 22-inch telescope for making variable star observations, and for allowing Charles Scovil to use the facilities of the observatory to prepare charts.

We have been fortunate to receive financial support from institutions and government agencies this year. We gratefully acknowledge the following:

NASA Headquarters, for a grant for the validation and certification of AAVSO data;

NASA (Chandra, Smithsonian Astrophysical Observatory), for a grant in support of our collaboration with Dr. Christopher Mauche;

NASA (GLAST and XMM Education and Public Outreach, Sonoma State University), for a grant in support of our collaborative observation of polars and blazars;

NASA (National Virtual Observatory (NVO) Education and Public Outreach, University of California at Berkeley), for a grant to survey the needs of amateur astronomers for NVO.

We are grateful to have the support of so many individuals and organizations!

Janet Mattei would want to conclude her annual report as she always did, by extending her personal thanks to her husband Mike for his continuous understanding and support. Never has it been a more appropriate conclusion than in this year, Janet's 30th year as Director of the association, and so, on behalf of Janet, thank you, Mike!

Table 1. AAVSO Observer Totals 2002–2003 by Country

Country	*No. Observers*	*No. Obs.*	*Country*	*No. Observers*	*No. Obs.*
ARGENTINA	5	970	JAPAN	4	2,340
AUSTRALIA	25	55,565	MALTA	1	96
AUSTRIA	2	655	NETHERLANDS	11	12,334
BELARUS	1	18	NEW ZEALAND	2	20,522
BELGIUM	21	31,328	NORWAY	4	2,275
BRAZIL	18	4,981	POLAND	24	14,020
CANADA	57	26,194	PORTUGAL	4	3,701
CHILE	1	30	ROMANIA	10	13,316
CZECH REPUBLIC	1	90	RUSSIA	8	1,279
DENMARK	3	217	SAUDI ARABIA	1	98
ENGLAND	19	19,544	SLOVENIA	1	564
FINLAND	12	8,513	SOUTH AFRICA	12	1,149
FRANCE	31	21,387	SPAIN	31	5,213
GERMANY	38	22,588	SWITZERLAND	4	749
GREECE	6	2,576	TURKEY	1	7
HUNGARY	72	17,581	UKRAINE	13	2,068
INDIA	4	39	UNITED ARAB EMIRATES	1	19
IRELAND	3	239	URUGUAY	1	82
ISLE OF MAN	1	104	USA	271	133,800
ISRAEL	2	115	VENEZUELA	1	39
ITALY	25	6,255			
			TOTAL	752	432,660

Table 2. AAVSO Observer Totals 2002–2003 USA by State or Territory

State		*No. Observers*	*No. Obs.*	*State*		*No. Observers*	*No. Obs.*
ALABAMA	(AL)	2	88	MONTANA	(MT)	1	47
ARIZONA	(AZ)	12	3,449	NEBRASKA	(NE)	3	205
ARKANSAS	(AR)	1	13	NEW HAMPSHIRE	(NH)	3	378
CALIFORNIA	(CA)	38	23,592	NEW JERSEY	(NJ)	2	102
COLORADO	(CO)	7	1,274	NEW MEXICO	(NM)	6	6,153
CONNECTICUT	(CT)	10	1,011	NEW YORK	(NY)	15	4,588
FLORIDA	(FL)	6	9,162	NORTH CAROLINA	(NC)	1	4
GEORGIA	(GA)	3	64	NORTH DAKOTA	(ND)	1	36
HAWAII	(HI)	2	2,585	OHIO	(OH)	10	951
ILLINOIS	(IL)	13	6,269	OKLAHOMA	(OK)	1	674
INDIANA	(IN)	8	4,252	OREGON	(OR)	5	1,740
IOWA	(IA)	5	699	PENNSYLVANIA	(PA)	6	1,704
KANSAS	(KS)	5	7,474	PUERTO RICO	(PR)	2	69
KENTUCKY	(KY)	2	236	RHODE ISLAND	(RI)	4	1,371
LOUISIANA	(LA)	3	100	TENNESSEE	(TN)	3	127
MAINE	(ME)	4	2,729	TEXAS	(TX)	16	2,554
MARYLAND	(MD)	8	1,081	UTAH	(UT)	3	829
MASSACHUSETTS	(MA)	12	12,171	VIRGINIA	(VA)	9	3,602
MICHIGAN	(MI)	9	10,370	WASHINGTON	(WA)	4	156
MINNESOTA	(MN)	8	2,504	WEST VIRGINIA	(WV)	2	784
MISSIPPI	(MS)	1	2	WISCONSIN	(WI)	13	18,394
MISSOURI	(MO)	2	207				
				TOTAL		271	133,800

Table 3. AAVSO Observers, 2002–2003.

Code	*Org.*	*Name*	*No. Obs.*	*No. I.S.*
AAP		P. Abbott, Canada	4263	331
AAN	02	A. Abe, Germany	46	12
ACH	01	C. Accary, France	63	
ABB		B. Adams, CA	38	3
AJT		J. Agustoni, Brazil	47	
AMI		M. Aho, Finland	614	483
ARL	13	R. Alencar Caldas, Brazil	2	
ALN		R. Allison, IA	250	55
ARC		R. Altenburg, PA	27	1
AAA	13	A. Alves, Brazil	545	
AAX	13	A. Amorim, Brazil	3085	27
AMG	13	M. Amorim, Brazil	4	
AJE		J. Andrei, Romania	6	
ABG	08	B. Andresen, Norway	362	25
AMA		M. Antill, England	1	
AWJ		W. Aquino, NY	177	23
AWY	13	W. Araujo, Brazil	494	
AAT	15	A. Ardanuy, Spain	1	1
AAM		A. Arminski, Poland	192	
ATH		T. Armstrong, CA	13	
ARJ		J. Arnold, AL	23	12
ARN	01	L. Arnold, France	51	12
AWC	27	C. Aronowitz, Canada	316	
ADI	02	D. Augart, Germany	65	
AAV		A. Avtanski, CA	96	
ARX		R. Axelsen, Australia	116	
BIX		I. Bacon, Australia	4	
BIE	05	A. Baillien, Belgium	256	
BHH		R. Baker-Horn, TN	26	
BWW		W. Bakewell, CA	2	
BGF	03	G. Bakos, Hungary	1	
BAH		A. Balcerek, Poland	187	
BM		M. Baldwin, IN	1339	
BCD		R. Ball, England	23	
BIV	03	I. Balogh, Hungary	506	2
BZO	03	Z. Balogh, Hungary	235	
BHZ	03	Z. Balogh, Hungary	26	
BHO		R. Banerjee, India	4	
BGZ		G. Banialis, IL	26	
BDI	02	D. Bannuscher, Germany	79	
BXA	09	A. Baransky, Ukraine	229	9
BKQ	09	A. Barkanov, Ukraine	47	
BSR	18	S. Baroni, Italy	197	
BCT	01	C. Barret, France	11	
BSK		S. Basso, Italy	54	2
BBB		B. Battersby, Canada	27	
BBA		B. Beaman, IL	864	32
BWX	27	A. Beaton, Canada	67	
BBD		B. Becker, NJ	92	
BJS		J. Bedient, HI	62	7
BSI		S. Bedingfield, Canada	31	
BTY		T. Benner, PA	201	43
BXZ	23	J. Berdejo, Spain	4	
BEB		R. Berg, IN	164	5
BEN	03	E. Berko, Hungary	1	
BMM	05	M. Biesmans, Belgium	323	157
BGW	27	G. Billings, Canada	179	55
BXN	01	M. Bisson, France	282	
BWI		W. Bitters, CA	2	
BEU		E. Blankenship, VA	82	
BKH	05	R. Blondeel, Belgium	7	
BWJ		J. Bohdanowicz, Canada	18	
BGP	03	G. Boleska, Hungary	26	
BRJ		J. Bortle, NY	3186	1045
BPT	10	P. Bosman, South Africa	8	
BMU	04	R. Bouma, Netherlands	375	5
BOF		M. Bozoian, ME	132	
BMK		M. Bradbury, IN	21	
BNW	02	W. Braune, Germany	78	
BDL		D. Breslin, MA	18	
BTB		T. Bretl, MN	248	2
BHA	02	H. Bretschneider, Germany	1064	
BQE		E. Briggs, Canada	9	
BSM		S. Brincat, Malta	96	
BOS	05	E. Broens, Belgium	533	91
BJQ		J. Brooks, CA	1	
BQS	15	J. Bros, Spain	36	
BXV	15	X. Bros, Spain	384	5
BOA	01	A. Bruno, France	24	11
BTH		T. Burrows, CA	88	36
BFC		F. Burton, CO	28	
BIW		N. Butterworth, Australia	9326	105
BUG	11	S. Buus, Denmark	47	
CPU	13	P. Cacella, Brazil	1	
CCB		C. Calia, CT	36	
CPN		P. Campbell, Canada	114	
CMP		R. Campbell, FL	334	117
CEM	15	E. Capella, Spain	338	
CVJ	06	J. Carvajal Martinez, Spain	3	1
CRI	15	R. Casas, Spain	6	
CJS		J. Case, MO	59	36
CLQ		L. Cason, VA	81	
CJE	01	J. Castellani, France	1062	2
CKN		K. Castle, AZ	217	52
CWO		W. Castro, OH	15	1
CQJ		J. Centala, IA	412	
CBI		B. Chandler, CA	35	8
CHG	01	H. Chantegros, France	13	
CNT		D. Chantiles, CA	450	4
CSY		S. Chapeland, France	2	2
CGF		G. Chaple, MA	4565	1400
CJL		J. Charles, MI	11	
CGP	27	G. Charpentier, Canada	2	
CDY		D. Chekhovich, Russia	22	
CMC	27	M. Clancy, Canada	6	
CLK		W. Clark, MO	148	
CWP		W. Clarke, CA	422	
CFI	12	F. Claus, Argentina	267	
CPS	05	P. Cloesen, Belgium	2402	57
CRX		R. Cnota, Poland	1112	

Table 3. AAVSO Observers, 2002–2003, cont.

Code		*Name*	*No. Obs.*	*No. I.S.*	*Code*		*Name*	*No. Obs.*	*No. I.S.*
CGE	20	G. Coady, England	100	3	DRI		R. Doxtater, TX	87	
CSN		S. Coberly, IL	5		DKI	03	I. Drucsko, Hungary	14	
CJI	15	J. Coloma, Spain	4	1	DYU	09	Y. Dulitch, Ukraine	152	
CME	18	E. Colombo, Italy	204		DMO	01	M. Dumont, France	299	
CMG	04	G. Comello, Netherlands	6971	513	DNI		N. Dunckel, CA	3	3
CPO		P. Conde, Australia	23		CLW01		D. Durig et al., TN	6	6
CXA		A. Cook, CA	1		DAO		A. Dutton, Australia	359	
COO		L. Cook, CA	18088	3864	DEQ		E. Dutton, CO	77	6
CTM		T. Cook, NY	5		DKS		S. Dvorak, FL	7278	1
COM	10	T. Cooper, South Africa	152	14	DGP		G. Dyck, MA	4038	2367
CPI		P. Corelli, Italy	5		EEZ		E. Eggleston, TX	1	
CUA		A. Corlan, Romania	445	146	ELO	27	L. Enright, Canada	8	
CXR		R. Corlan, Romania	388	135	EPE	01	P. Enskonatus, Germany	303	
CDV		D. Cornell, IL	62	33	EJO	03	J. Erdei, Hungary	98	
CLZ	01	L. Corp, France	27		FTB		T. Fabjan, Slovenia	564	
CAI		A. Correia, Portugal	1827		FBO		B. Fain, MT	47	
CTO	05	T. Corstjens, Belgium	26		FSU		S. Fanutti, Canada	138	
COV		V. Coulehan, NY	223		FEO	03	E. Farkas, Hungary	88	
CWD		D. Cowall, MD	41	1	FAJ	03	A. Fejes, Hungary	2	
COW		H. Coward, TX	169		FKJ	03	J. Fekete, Hungary	2355	8
CDN		D. Cowles, LA	26		FJP	15	J. Felip, Spain	6	
CLX		L. Cox, Canada	135		FRZ	27	R. Fell, Canada	19	
CR	14	T. Cragg, Australia	1754	504	FSM	27	S. Ferris, Canada	2	1
CDI		D. Craig, MS	2		FRF	03	R. Fidrich, Hungary	782	7
CTX		T. Crawford, OR	43	15	FMP		M. Fikes, VA	1	
CCU		C. Cremaschini, Italy	7		FSJ	01	J. Fis, France	55	
CRR		R. Crumrine, NY	93	4	FMU	15	M. Flores, Spain	29	
CBZ	03	B. Csak, Hungary	44		FLE		L. Florin, Romania	163	
CTI	03	T. Csorgei, Hungary	265	3	FDA	03	A. Fodor, Hungary	15	
CSM	03	M. Csukas, Romania	1621	1	FSE	18	S. Foglia, Italy	1218	
CKB		B. Cudnik, TX	864	21	FJD		J. Foley, WI	2	
DCL		C. Daffin, NC	4		FJT		J. Fontalba, France	19	
DAM	06	A. Darriba Martinez, Spain	223	128	FXJ		J. Fox, MN	193	
DMP		M. Dasgupta, India	16		FML	04	M. Fridlund, Netherlands	91	
DJS	20	J. Day, England	431		FAA	18	A. Frosina, Italy	7	
DMU		S. De Muro, Italy	4		FMG		G. Fugman, NE	163	5
DSJ	13	J. De Souza Aguiar, Brazil	15		GBZ	21	O. Gabzo, Israel	101	
DFR		F. Dempsey, Canada	29		GHT	27	G. Gaherty, Canada	450	
DEK	05	K. Dequick, Belgium	7		GMO		M. Gainer, PA	33	
DAA	03	A. Derekas, Hungary	5		GKV	27	K. Gallant, Canada	3	1
DNO		O. Deren, Poland	733		GGM		G. Gallo, Italy	2	
DAC		A. Deshmukh, India	1		GTN		T. Gandet, AZ	30	8
DHN	02	H. Diederich, Germany	12	1	GAJ	12	J. Garcia, Argentina	5	
DPA	05	A. Diepvens, Belgium	3884	277	GAA		P. Garey, IL	35	
DRG		R. Diethelm, Switzerland	379	315	GJP		J. Garlitz, OR	2	2
DAP	07	A. Diez Gago, Spain	29		GBL		B. Gary, AZ	54	51
DLN		T. Dilapo, NY	11	11	GMS		M. Gawronski, Poland	6	
DLA		A. Dill, KS	704	71	GKI		K. Geary, Ireland	2	
DIL		W. Dillon, TX	140	75	GCP		C. Gerber, Germany	581	
DRL		S. Dirocco, OH	16		GHS		H. Gerner, WI	67	1
DVQ	03	V. Dobos, Hungary	3		GSR		R. Geschwind, OH	13	
DPL		P. Dombrowski, CT	95	22	GMJ	10	M. Geyser, South Africa	39	
DEH		E. Donaghy, PR	43		GAO		A. Giambersio, Italy	15	
DSN		S. Donnell, CO	40		GGU	05	G. Gilein, Netherlands	1563	29
DLX	03	L. Dorogi, Hungary	12		GVN		V. Giovannone, NY	104	

Table 3. AAVSO Observers, 2002–2003, cont.

Code		Name	No. Obs.	No. I.S.	Code		Name	No. Obs.	No. I.S.
GMY		M. Glennon, Ireland	183		HZJ		J. Holtz, PA	329	1
GLG		G. Gliba, MD	3		HMZ	27	M. Holzer, Canada	11	
GFB		W. Goff, CA	373	314	HOO	04	G. Hoogeveen, Netherlands	333	
GSH	09	A. Golovin, Ukraine	16		HSC		S. Huddleston, OR	2	
GPJ		P. Gonzales, CA	7	3	HDU		D. Hurdis, RI	139	13
GJK		J. Goyette, Canada	208	1	HUR	20	G. Hurst, England	1708	272
GKA		K. Graham, IL	798	524	HUZ	27	R. Huziak, Canada	5951	338
GRL	08	B. Granslo, Norway	961	5	ILE	03	E. Illes, Hungary	306	
GMZ		M. Graziani, Italy	98	38	IPA	12	P. Ingrassia, Argentina	600	
GDY	27	D. Grey, Canada	1		ICA		C. Ionut, Romania	14	
GRI		J. Griese, CT	3	2	IVM		V. Ivanov, Russia	130	
GOC		R. Grochowski, Poland	4		JMA		M. Jacquesson, France	70	5
GCR		C. Grunwald, Germany	9		JTP	01	P. Jacquet, France	131	5
GCO		C. Gualdoni, Italy	3182	1727	JM		R. James, NM	5560	2715
GMU		M. Gundy, GA	29	17	JSC		S. Jamieson, WI	624	
GUN	01	J. Gunther, France	3878	727	JSI	20	S. Jenner, England	27	
GGX	01	G. Guzman, France	129	44	JKK	08	K. Jensen, Norway	122	
HCS	03	C. Hadhazi, Hungary	3003	10	JLR		R. Jepeal, CT	431	
HTY		T. Hager, CT	41	7	JGE	06	G. Jiminez, Spain	16	
HK		E. Halbach, CO	1062	18	JOG		G. Johnson, MD	133	
HJU	12	J. Halo, Uruguay	82		JON	05	K. Jonckheere, Belgium	3	
HJB	05	J. Hambsch, Belgium	18	18	JA	14	A. Jones, New Zealand	20521	3
HDW		D. Hamilton, NE	4		JCN	20	C. Jones, England	1845	1152
HP		W. Hampton, CT	55		JKL		K. Jones, Australia	39	
HAN		J. Hannon, CT	2	1	JRW	10	W. Jones, South Africa	140	
HBB		B. Harris, FL	26	15	JRC	15	R. Josa, Spain	39	
HAV		R. Harvan, MD	326	13	JAX	17	A. Junkkari, Finland	17	
HBL	02	B. Hassforther, Germany	681		KDA		D. Kaiser, IN	42	42
HAI		A. Hastings, MA	104		KB		W. Kaminski, NM	39	6
HSB	02	W. Hasubick, Germany	2		KAM	02	A. Kammerer, Germany	56	
HDY	03	D. Hatvani, Hungary	3		KMO		M. Kardasis, Greece	260	
HHU	05	H. Hautecler, Belgium	4188	819	KAD	03	A. Karpati, Hungary	14	
HKY		K. Hay, Canada	7		KKI		K. Kasai, Switzerland	106	
HAB		R. Hays, IL	1308		KAZ	03	A. Kaszt, Hungary	27	
HBD		B. Heathcote, Australia	299	298	KTI	03	T. Katonka, Hungary	395	
HKN		K. Hedrick, WV	295	13	KMQ	06	M. Kearns, Spain	21	
HQA		A. Henden, AZ	1		KKL	27	K. Kell, Canada	4	
HEN		C. Henshaw, Saudi Arabia	98		KSN		S. Kenaga, IN	3	
HJN	10	J. Hers, South Africa	22		KAK	03	A. Kereszturi, Hungary	3	
HES		C. Hesseltine, WI	2341		KZX	03	Z. Kereszty, Hungary	3	3
HEV	03	Z. Hevesi, Hungary	45		KSH		S. Kerr, Australia	2	1
HIV	03	I. Hidvegi, Hungary	112		KSZ	03	S. Keszthelyi, Hungary	340	
HDJ		D. Higgins, Australia	201	30	KPM		P. Kilmartin, New Zealand	1	1
HIM		M. Hill, MA	66		KRB		R. King, MN	735	193
HRI		R. Hill, AZ	754		KDX		D. Kingsley, CA	7	
HED		D. Himes, OH	229	18	KTO	17	T. Kinnunen, Finland	15	10
HZR	02	R. Hinzpeter, Germany	682		KIR		P. Kirby, AZ	12	
HIR		Y. Hirasawa, Japan	865	16	KIL	03	L. Kiss, Australia	600	2
HTA		T. Hoare, England	129		KMM	09	M. Kititsa, Ukraine	547	
HFL	13	L. Hodar, Brazil	31		KPL		P. Kneipp, LA	34	
HJX	13	M. Hodar, Brazil	83		KGT		G. Knight, ME	51	
HWD		W. Hodgson, Australia	64	1	KSP		S. Knight, ME	65	2
HDF		D. Hohman, NY	32	23	KS		J. Knowles, RI	89	
HBA	02	A. Holbe, Germany	768		KOC	03	A. Kocsis, Hungary	52	
HBO	03	B. Hollosi, Hungary	1		KHL		M. Kohl, Switzerland	230	

Table 3. AAVSO Observers, 2002–2003, cont.

Code		*Name*	*No. Obs.*	*No. I.S.*	*Code*		*Name*	*No. Obs.*	*No. I.S.*
KHJ		H. Koller, Canada	29		LOJ		J. Low, Canada	4	
KRS		R. Kolman, IL	1425	74	LTB		T. Lubbers, MN	192	
KMA		M. Komorous, Canada	2188	73	LBG		G. Lubcke, WI	22	22
KMP		M. Koppelman, MN	982	9	LKA		K. Luedeke, NM	220	
KGG		G. Koralewski, Poland	97	38	LHU	10	H. Lund, South Africa	61	10
KSG		G. Koronis, Greece	5		LMJ	17	M. Luostarinen, Finland	127	
KOS	03	A. Kosa-Kiss, Romania	3536		MBJ	27	J. Mac Rae, Canada	3	
KLX		L. Koscianski, MD	105		MFC	27	C. MacDonald, Canada	5	
KMS		M. Kossa, France	7		MDW		W. MacDonald, Canada	272	166
KTM		T. Kovacs, Canada	3		MZG	02	G. Maintz, Germany	7	
KAF	03	A. Kovacs, Hungary	26		MLI		L. Maisler, NY	99	7
KVS	03	A. Kovacs, Hungary	229		MVO	17	V. Makela, Finland	23	
KVI	03	I. Kovacs, Hungary	633	24	MPH		P. Manker, NM	5	
KJU	03	J. Kovacs, Hungary	7		MKG		A. Manske, WI	3	
KSR	03	S. Kovacs, Hungary	49		MKE		R. Manske, WI	192	
KFK		F. Krafka, TX	84		MGK		G. Maravelias, Greece	65	
KTC		T. Krajci, VA	2095	67	MMV	09	M. Marichev, Ukraine	25	
KSW		S. Krasnicki, Poland	226		MKW		A. Markiewicz, Poland	1542	
KWO	02	W. Kriebel, Germany	2546	170	MBD		B. Markowski, Poland	18	
KIS	02	G. Krisch, Germany	2409	72	MYC		C. Martin, NE	38	3
KTV		T. Kryachko, Russia	28		MMG		M. Martinengo, Italy	122	18
KTZ		T. Krzyt, Poland	1025	17	MQJ		J. Martins, Portugal	46	
KUC	01	S. Kuchto, France	452		MRX	02	H. Marx, Germany	932	95
KMU	09	M. Kuts, Ukraine	9		MN		H. Mason, OR	77	
KMI		M. Kuzmin, Russia	47		MAV		D. Matsnev, Russia	20	
KYU	09	Y. Kuznetsov, Ukraine	31		MTH		H. Matsuyama, Australia	1854	338
LCR	15	C. Labordena, Spain	231	2	MPR	02	P. Maurer, Germany	63	2
LCJ	06	J. Lacruz, Spain	1		MGE		G. Mavrofridis, Greece	570	6
LTO	02	T. Lange, Germany	2869		MWC		C. Mayer, England	105	
LZT		T. Lazuka, IL	1250		MAZ		M. Mazurek, CA	38	
LEB	01	R. Lebert, France	311		MGU		T. McCague, IL	7	
LMT		M. Legutko, Poland	170		MBR	27	B. McCurdy, Canada	1	
LDI		D. Lehmann, Germany	21		MDK		K. McDonald, OH	1	
LAE		A. Leighton, England	9		MDP		P. McDonald, Canada	622	27
LKM		K. Lemke, Canada	170		MGH	20	H. McGee, England	2776	1035
LNZ		G. Lenz, LA	40		MCI		B. McInnerny, England	51	
LJL		J. Leonard, IL	22		MKJ		J. McKenna, NJ	10	
LSI		S. Leonini, Italy	60		MPL		P. McLelland, England	25	
LJP		J. Leppert, ND	36		MED	20	K. Medway, England	1270	
LNL		N. Lerner, CA	30		MLV	27	L. Meier, Canada	13	
LGE	01	G. Letellier, France	51		MMB		M. Meiling, Netherlands	8	
LEV		A. Leveque, CA	126		MVS	27	S. Meister, Germany	5	
LVY		D. Levy, AZ	13	9	MHI		H. Menali, MA	156	
LJI		J. Liesmann, Germany	13	13	MDJ	12	D. Mendicini, Argentina	7	
LIW		W. Liller, Chile	30	1	MHY	12	H. Mendt, Venezuela	39	
LGO		G. Lilley, GA	20		MTK		T. Michalik, VA	428	103
LLQ		L. Lima, Brazil	4		MOK	08	O. Midtskogen, Norway	1185	82
LCI		C. Limbach, WI	295		MZT		J. Miranti, NY	9	5
LAI	27	A. Ling, Canada	265	26	MZS	03	A. Mizser, Hungary	1735	32
LMK		M. Linnolt, HI	2523	1505	MCE		E. Mochizuki, Japan	27	
LLZ	03	L. Liziczai, Hungary	327		MRV		R. Modic, OH	394	116
LOB	06	J. Lobo-Rodriguez, Spain	22		MOL		J. Molnar, VA	878	
LRD		D. Loring, UT	645	1	MPV	03	P. Molnar, Hungary	23	
LEJ		E. Los, NH	9		MMW		M. Momose, Japan	382	
LRG	07	M. Losada, Spain	1		MLF	10	B. Monard, South Africa	68	25

Table 3. AAVSO Observers, 2002–2003, cont.

Code		*Name*	*No. Obs.*	*No. I.S.*
MOI	01	E. Morillon, France	2722	31
MVR	09	V. Mormil, Ukraine	390	
MOW		W. Morrison, Canada	5170	272
MDA		A. Morton, WA	32	32
MHR		D. Mota, Brazil	41	
MMX		M. Motta, MA	1	1
MMH		M. Muciek, Poland	2	
MKH		S. Mukherjee, India	18	
MDU		D. Mulinski, Poland	131	
MLY		R. Muller, CA	1	
MMU		M. Munkacsy, RI	1001	334
MUY	05	E. Muyllaert, Belgium	12263	6076
NBA	03	B. Nagy, Hungary	1	
NSY	03	S. Nagy, Hungary	1	
NZO	03	Z. Nagy, Hungary	40	
NDQ		D. Naillon, France	58	
NDA		D. Nance, AL	65	
NDD		D. Nash, CO	53	10
NLX		P. Nelson, Australia	12379	3093
NJO	02	J. Neumann, Germany	1846	
NJE	27	J. Newman, Canada	4	
NMI		M. Nicholas, AZ	1357	99
NFD	04	F. Nieuwenhout, Netherlands	381	155
NAW	05	A. Nieuwlandt, Belgium	169	3
NHK	17	H. Nylander, Finland	495	17
OCN	27	S. O'Connor, Canada	12	4
ONJ		J. O'Neill, Ireland	54	
OES		D. Oesper, IA	3	1
OAR	17	A. Oksanen, Finland	4535	2059
OHJ	03	H. Olle, Hungary	7	
ODG		D. Ondich, MN	29	
OV		E. Oravec, NY	264	
OPO		P. Orson, UT	74	74
OSW		W. Osborn, MI	27	
OPR		P. Ossowski, Poland	26	
OJO	11	J. Ostergaard Olesen, Denmark	46	
OJJ		J. Ott, CO	8	3
OJS		J. Ott, KY	228	
OCR	05	C. Otten, Belgium	1407	
PPK	17	P. Paakkonen, Finland	223	145
PLA	13	A. Padilla Filho, Brazil	366	
PJC		J. Palmisano, AZ	93	
PPC	03	P. Papics, Hungary	32	
PPS	03	S. Papp, Hungary	2050	137
PTQ		T. Parson, MN	3	1
PKV		K. Paxson, TX	28	
PN		A. Pearlmutter, MA	15	
PTI		N. Peattie, CA	82	
PEI	11	E. Pedersen, Denmark	124	4
PWD		W. Pellerin, TX	17	
PIV		I. Peretto, Italy	431	7
PVA	27	V. Petriew, Canada	706	418
PRP		R. Pickard, Australia	23	
PBN		B. Pickett, Australia	10	
PHT		H. Pinkston, VA	21	
PIJ	03	J. Piriti, Hungary	883	
PPL		P. Plante, OH	147	
PAW		A. Plummer, Australia	766	
AST		R. Podesta, Argentina	91	
PRX		R. Poklar, AZ	518	
PRS		R. Poleski, Poland	53	
PMO	10	M. Poll, South Africa	21	
PNL	10	N. Potgieter, South Africa	5	
PWR		R. Powaski, OH	22	
POX	20	M. Poxon, England	685	167
PWN		W. Poyatos, Spain	62	
PYG	20	G. Poyner, England	8868	6426
PDO		D. Pray, RI	142	11
PCJ		C. Predom, CT	8	
PAH		A. Price, MA	170	
PGB		G. Profita, Italy	15	
PDQ	01	D. Proust, France	74	
PDT		D. Prusaitis, WI	12	
PUJ	06	F. Pujol, Spain	640	130
PFR	03	F. Puskas, Hungary	360	
PSY		S. Pyatih, Belarus	18	
QW	02	W. Quester, Germany	14	8
QFI	05	F. Questier, Belgium	5	
QPF		P. Quinn, WI	4	
QFP	13	F. Quintao, Brazil	63	
RKE	02	K. Raetz, Germany	455	
RCH	01	C. Ramillon, France	58	
RBK		B. Ramotowski, TX	7	
RZS	02	Z. Reiczigel, Hungary	454	
REP	24	P. Reinhard, Austria	453	
RFP	13	P. Reis-Fernandes, Brazil	63	
RWG	02	W. Renz, Germany	10	
RMQ		M. Reszelski, Poland	2487	142
RDI		D. Reynolds, CA	53	1
RNA	03	N. Rezsabek, Hungary	202	
RMP		M. Ricard, Canada	25	
RIX		T. Richards, Australia	3037	1143
RQ		C. Ricker, MI	41	
RRZ	03	R. Ricza, Hungary	295	
OJR	06	J. Ripero Osorio, Spain	2653	1009
RIP		M. Rippel, NM	83	29
RCW		C. Robertson, KS	5740	
RSE		S. Robinson, MD	342	254
RJX	01	J. Roca, France	75	
RAX	15	A. Roca, Spain	114	
RJG		J. Rodrigues Ribeiro, Portugal	1827	
RZD	06	D. Rodriguez, Spain	142	107
RFR	06	F. Rodriguez, Spain	2	
RMU	17	M. Rodriguez, Spain	9	
RJA	01	J. Rohart, France	224	
RBC	03	B. Romsics, Hungary	15	
ROG		G. Ross, MI	138	89
RMH	05	M. Rosseel, Belgium	5	
RGN		G. Rossi, Italy	81	1

Table 3. AAVSO Observers, 2002–2003, cont.

Code		*Name*	*No. Obs.*	*No. I.S.*	*Code*		*Name*	*No. Obs.*	*No. I.S.*
RNV	21	N. Rotenberg, Israel	14		SDN		D. Slauson, IA	28	
RR		R. Royer, CA	321	140	SVO	09	V. Slusarenko, Ukraine	124	
RMZ	03	M. Rozsahegyi, Hungary	9		SJX	10	J. Smit, South Africa	484	
RRN		R. Rude, Canada	1		SMI		A. Smith, England	4	2
RJV	07	J. Ruiz Fernandez, Spain	28		SYQ	27	C. Smith, Canada	2	2
RPH		H. Rumball-Petre, CA	22		SHA		H. Smith, MI	119	7
RDV		D. Ryle, TX	5		SJE		J. Smith, CA	145	
SJQ		A. Sajtz, Romania	4690		SUI		R. Smith, England	789	1
SSU		S. Sakuma, Japan	1066	87	SYH		H. Sobreira, Brazil	1	
SLU	07	L. Salas, Spain	34		SKA		K. Sokolovsky, Russia	144	
SIE		A. Salati, Italy	1		SBX		A. Sonka, Romania	2420	
SVP	15	P. Sallares, Spain	72	4	SYP		P. Soron, Canada	29	
SAH		G. Samolyk, WI	13078		SOW	17	J. Sorvari, Finland	248	
SQX		E. Sanchez, Spain	8		SUG		G. Sostero, Italy	7	
SNN		J. Sanford, CA	1		SOI		M. Soukup, TX	8	
SXY		A. Sankowski, Poland	890		SWQ	13	W. Souza, Brazil	35	
SGX	03	G. Santa, Hungary	194		GT01		G. Spear, WA	21	21
STC		G. Santacana, PR	26		SIQ		M. Spearman, TX	39	
SPQ	03	C. Sapi, Hungary	2		SJZ		J. Speil, Poland	2105	4
SKI	03	K. Sarneczky, Hungary	67		SPO	08	J. Spongsveen, Norway	7	
SGE		G. Sarty, Canada	417	62	SXR	03	M. Sragner, Hungary	5	
SSQ		R. Sass, NM	246		SBL	05	B. Staels, Belgium	1	
SVA		A. Saw, Australia	268	20	SBH		J. Standifer, TN	95	13
SFI		T. Scarmato, Italy	3		STR		R. Stanton, CA	30	29
SXK	02	M. Schabacher, Germany	183		SDB		D. Starkey, IN	1868	1191
SDY	02	D. Scharnhoist, Germany	153	94	STI		P. Steffey, FL	633	7
SFK		F. Scheder, MD	124	49	SET		C. Stephan, OR	1616	24
SFS		S. Schiff, VA	3		SDR		R. Stephens, CA	20	18
SPK		P. Schmeer, Germany	64	8	SIF	27	M. Stephens, Canada	45	
SBK		K. Schmidt, KY	8		SWT		R. Stewart, PA	209	94
SHV	03	A. Schmidt, Hungary	60	5	SRB		R. Stine, CA	2558	453
SVZ	03	Z. Schmidt, Hungary	7		STQ		N. Stoikidis, Greece	268	
SQR		R. Schmude, GA	15		SDI		D. Storey, Isle of Man	104	
SUF		C. Schneider, CA	164		SFU		M. Streamer, Australia	37	
SQE		R. Schoenstene, IL	406		SWK		W. Strider, MD	7	
SAQ	04	A. Scholten, Netherlands	31	2	SHZ	02	H. Struever, Germany	103	
SCZ	01	E. Schweitzer, France	420		SRX		R. Stubbings, Australia	16415	12854
SCE		C. Scovil, CT	57	16	SUK		M. Stuka, CA	22	
SQW		W. Selvig, Canada	101		SAC	02	A. Sturm, Germany	181	
SIB		A. Serio, NY	3		SUQ		A. Sucker, Germany	10	3
SDF		D. Shackleford, CA	54		SQC		C. Suslavage, CA	71	
SHS		S. Sharpe, ME	2481	49	SUS	02	D. Sussmann, Germany	1208	
SDP		D. Sharples, NY	10		SWV		D. Swann, TX	442	
SSA		A. Sharpless, WA	91		SSW		S. Swierczynski, Poland	2665	
SVV		V. Shchukin, Russia	819		SBU	03	L. Szantho, Hungary	2	
SFO		E. Shelton, VA	13	2	SAO	03	A. Szauer, Hungary	138	
SYC	27	C. Sheppard, Canada	42		SFF	03	T. Szekffy, Hungary	3	
SHW		W. Sherman, TX	180		SNO	03	L. Szentasko, Hungary	25	21
SQH	13	R. Shida, Brazil	101		TDB		D. Taylor, Canada	3283	2160
SNE		N. Simmons, WI	1053		TJV		J. Temprano, Spain	55	
SII	03	A. Simon, Hungary	1		TTU		T. Tezel, Turkey	7	
SXN		M. Simonsen, MI	9903	6995	TGG		G. Thomas, CA	195	74
SBI	03	B. Sipocz, Hungary	502	1	THR		R. Thompson, Canada	694	
SIX		M. Siwak, Poland	27		THU	01	B. Thouet, France	171	
SYI		E. Skrzynecki, Poland	73		TKK	17	K. Tikkanen, Finland	204	

Table 3. AAVSO Observers, 2002–2003, cont.

Code		*Name*	*No. Obs.*	*No. I.S.*
TPE	17	P. Tikkanen, Finland	1134	1069
TIA	03	A. Timar, Hungary	37	
TRL		R. Togni, AR	13	
TRT	03	T. Tordai, Hungary	6	
TTK	03	K. Toth, Hungary	45	
TSC		S. Tracy, CT	283	180
TLL		L. Trathen, Australia	6	
TRF		C. Trefzger, Switzerland	34	11
TJC		J. Truax, MI	27	
TRX		R. Truta, Romania	33	
TJA		J. Tubb, Canada	19	
TTO	27	T. Tuomi, Canada	1	
TUC	10	C. Turk, South Africa	38	
TYS		R. Tyson, NY	346	
UAN	03	A. Uhrin, Hungary	272	
VFR	01	F. Vaclic, Czech Republic	90	
VLN	01	L. Vadrot, France	35	
VST		S. Valentini, Italy	222	138
VMC		M. Vallone, Italy	35	
BVE	04	E. Van Ballegoij, Netherlands	2307	76
VBR		H. Van Bemmel, Canada	40	
VDE	04	E. Van Dijk, Netherlands	239	5
VNL	05	F. Van Loo, Belgium	704	4
VPJ		J. Van Poucker, MI	33	14
VWA		A. Van Werven, FL	883	35
VBN01		A. Van der Linden & T. Schrabback, Germany	7	7
VDL	05	J. Van der Looy, Belgium	4959	
VSD	05	D. Vansteelant, Belgium	166	
VAU		A. Varanda, Portugal	1	
VED	01	P. Vedrenne, France	7550	
VET	01	M. Verdenet, France	3063	1789
VPT	03	P. Veress, Hungary	3	
VTM	03	T. Veress, Hungary	3	
VII	03	I. Vincze, Hungary	9	
VJA	17	J. Virtanen, Finland	878	196
VGK		G. Vithoulkas, Greece	1408	
VRM		R. Vivaldi, Italy	37	
VFK	01	F. Vohla, Germany	4953	2
VOL		W. Vollmann, Austria	202	26
VSV	09	S. Volvach, Ukraine	45	
VYV	09	Y. Vovk, Ukraine	306	
WGR		G. Walker, MA	443	181
WMZ	27	M. Wallace, Canada	3	
WAJ		J. Waller, OK	674	
WBY		B. Walter, TX	19	
WJX		J. Wan, Australia	7	
WER		R. Weber, KS	3	
WPT	10	P. Wedepohl, South Africa	111	
WEI		D. Weier, WI	701	105
WDZ		D. Wells, TX	464	60
WC		R. Wend, IL	61	
WWO	02	W. Wenzel, Germany	39	
WTQ	03	T. Weres, Hungary	40	
WJD		D. West, KS	1017	71
WEF		F. West, PA	905	
WJR		J. West, KS	10	
WRY		R. Westfall, CO	6	
WDT		D. Wetherington, FL	8	
WAH		A. Whiting, AZ	38	
WPK		P. Wiggins, UT	110	
WJO		J. Wilder, CA	1	
WI		D. Williams, IN	752	3
WJL		J. Williams, CA	2	
WPX		P. Williams, Australia	7608	1245
WRX		R. Williams, MI	71	37
WLP	05	P. Wils, Belgium	2	
WSN		T. Wilson, WV	489	129
WWJ		W. Wilson, England	698	9
WKM		M. Wiskirken, WA	12	
WUL	02	U. Witt, Germany	71	
WRZ		R. Wlodarczyk, Poland	247	
WEN		E. Woerner, United Arab Emirates	19	
WJC		J. Wojcik, NY	26	4
WRU		R. Wolfe, OH	18	
WSV		S. Wolfe, OH	96	
WJM		J. Wood, CA	27	
WWY		W. Woodward, NH	1	
WPF		P. Wright, MN	122	
WUB	04	E. Wubbena, Netherlands	35	1
YRK		D. York, NH	368	182
YKA		K. Young, CA	3	
YSD		S. Young, MA	36	1
YJS	27	J. Young, Canada	16	
ZLT	03	T. Zalezsak, Australia	368	26
ZAM	18	M. Zanotta, Italy	4	
ZFL		F. Zattera, Italy	244	134
ZWD		W. Zeilstra, IA	6	
ZPA		P. Zeller, IN	63	
ZDM		D. Zhdanok, Russia	69	
ZOX	09	O. Zholob, Ukraine	147	
ZMR		M. Zielinski, Poland	2	
ZRE		R. Zissell, MA	2559	478
ZW		W. Zukauskas, Canada	11	

These codes, which appear in the Table (AAVSO Observers 2002–2003), indicate observers are also affiliated with the groups below:

15 Agrupacion Astronomica de Sabadell (Spain)
07 Asociacion de Variabilistas de Espagne (Spain)
01 Association Française des Observateurs d'Étoiles Variables (AFOEV)
10 Astronomical Society of Southern Africa, Variable Star Section
24 Astronomischer Jugendclub (Austria)
11 Astronomisk Selskab (Scandinavia)
13 Brazilian Observational Network REA
20 British Astronomical Association, Variable Star Section
02 Bundesdeutsche Arbeitsgemeinschaft für Veränderliche Sterne e.V. (BAV) (Germany)
23 Grupo Astronomico Silos (Zaragoza, Spain)
21 Israeli Astronomical Association, Variable Star Section
12 Liga Ibero-Americana de Astronomia (South America)
06 Madrid Astronomical Association M1 (Spain)
03 Magyar Csillagàszati Egyesület, Valtozócsillag Szakcsoport (Hungary)
04 Koninklijke Nederlandse Vereniging Voor Weer-en Sterrenkunde,
Werkgroep Veranderlijke Sterren (Netherlands)
08 Norwegian Astronomical Society, Variable Star Section
27 Royal Astronomical Society of Canada
14 Royal Astronomical Society of New Zealand, Variable Star Section
09 Ukraine Astronomical Group, Variable Star Section
18 Unione Astrofili Italiani (Italy)
17 URSA Astronomical Association, Variable Star Section (Finland)
05 Vereniging Voor Sterrenkunde, Werkgroep Veranderlijke Sterren (Belgium)

Table 4. Observation statistics for fiscal year 2002–2003 (see Figures 5, 6, and 7).

Observations (increments of 1000)	*No. Observations per increment*	*% of All Observations*	*No. Observers pr increment*
1-999	91575	21%	662
1000-1999	47577	11%	34
2000-2999	51511	12%	21
3000-3999	33137	8%	10
4000-4999	36191	8%	8
5000-5999	22421	5%	4
6000-6999	6971	2%	1
7000-7999	22436	5%	3
8000-8999	8868	2%	1
9000-9999	19229	4%	2
10000+	92744	21%	6

Table 5. Individuals requesting AAVSO data during fiscal year 2002–2003.*

Name	Affiliation/Location
B. Albayrak	Ankara University Observatory, Science Faculty, Turkey
D. Aleksonis (3)	Vilnius, Lithuania
P. Ananjev	Vilnius, Lithuania
J. Andriuskaite	Vilnius, Lithuania
L. Anglin	University of New Orleans, LA
C. Anguita (4)	Benidorm, Alacant, Spain
T. Arijus	Vilnius, Lithuania
B. Arr	Smoky Mountain Astromonical Society, Maryville, TN
K. Bandara (6)	Toronto, ON, Canada
E. Barron (2)	Villanova University, PA
V. Barsauskas	Vilnius, Lithuania
A. Barzdis (2)	Jurmala, Latvia
T. Bedding	School of Physics, University of Sydney, Australia
K. Beuermann	University Observatory, University of Goettingen, Germany
A. Bingelis	Vilnius, Lithuania
A. Bond	McLean, VA
M. Bora (2)	Physics Dept., Gauhati University, Guwahati, Assam, India
G. Braciulis (2)	Vilnius, Lithuania
G. Brammer	Space Telescope Science Institute, Baltimore, MD
L. Brown	Dept. of Physics, Connecticut College, New London, CT
C. Burns	Dept. of Physics and Astronomy, Swarthmore College, PA
J. Bush	Palm Beach, FL
B. Cacace	New York, NY
T. Campbell	South Dakota School of Mines and Technology, Rapid City, SD
M. Carbe	Institute of Earth Sciences Jaume Almera (CSIC), Barcelona, Spain
G. Ceasnys	Vilnius, Lithuania
C. Chen	Jet Propulsion Laboratory, Pasadena, CA
S. Cheng	Hong Kong, China
K. Chipps	University of Denver, Lakewood, CO
S. Clardy (2)	Univ. Of Arkansas at Little Rock, AR
W. Clark	St. Louis Astronomical Society, St Louis, MO
G. Clayton (3)	Dept. of Physics and Astronomy, Loiuisiana State University, Baton Rouge
C. Colesanti	São Paulo, Brasil
M. Corcoran	NASA Goddard Space Flight Center, Greenbelt, MD
D. Cowles	Audubon Louisiana Nature Center Planetarium, New Orleans, LA
M. Creech-Eakman	Jet Propulsion Laboratory, Pasadena, CA
C. Crowle	Dublin, Ireland
D. Cyr	Spokane, WA
P. De Vilagarcia	Badajoz, Spain
L. Decin (3)	Institute of Astronomy, Leuven (Heverlee), Belgium
M. Dehn	University of Hamburg, Germany
A. Diez Gago	Cadiz, Spain
M. Doerschmidt (3)	University of Applied Sciences, Landshut, Germany
J. Drake	Smithsonian Astrophysical Observatory, Cambridge, MA
A. Dreyer	Center for Astronomy and Astrophysics, Berlin Technical University, Germany
H. Duerbeck (17)	Muenster University, Germany
M. Dulude (3)	Villanova University, PA
S. Dvorak (2)	Clermont, FL
Eberhard (13)	Max-Planck-Institut fuer Radioastronomie, Bonn, Germany
B. Espey	Physics Department, Trinity College, Dublin, Ireland
J. Fahey	Maineville, OH
M. Floquet	Gestion des Eleves Par Internet, Observatoire de Meudon, France
L. Formiggini (3)	Wise Observatory, Tel Aviv University, Tel Aviv, Israel
K. Forster	Caltech, Pasadena, CA

List does not include individuals obtaining data or information directly from the AAVSO website. A number in parenthesis after the name indicates multiple requests.

Table 5. Individuals requesting AAVSO data during fiscal year 2002–2003, cont.

Name	Affiliation/Location
O. Fyleryte	Vilnius, Lithuania
C. Galan	Torun, Poland
C. Gamez	Baeza, Jaen, Spain
R. Gehrz	Astronomy Department, University of Minnesota, Minneapolis
Dina (2)	Cadiz, Spain
M. Geyser	Pierre van Ryneveld, South Africa
A. Golovin	Berdyansk, Zaporozkaja, Ukraine
J. Gondek (4)	Authentic Science Research (ASR), Nanuet, NY
J. Goyette	Montreal, Canada
J. Greaves (2)	Northampton, England
J. Groh	Inst. for Astronomy and Geophysics, University of São Paulo, Brazil
D. Gylyte	Vilnius, Lithuania
I. Hachisu	University of Tokyo, College of Arts and Sciences, Japan
S. Harness	National Optical Astronomical Observatory, Clovis, CA
T. Harrison (9)	New Mexico State University, Las Cruces
Hevelius	Dundas, Ontario, Canada
I. Heywood (5)	Jodrell Bank Observatory, The University of Manchester, England
C. Hillemanns	Bonn, Germany
S. Hinkley	Dept. of Astrophysics, Am. Museum of Nat. History, New York, NY
D. Hoard (2)	SIRTF Science Center, Caltech, Pasadena, CA
J. Hodar (2)	Campinas, São Paulo, Brazil
M. Holzer (2)	Royal Astronomical Society of Canada, Regina, SK
R. Huziak	Royal Astronomical Society of Canada, Saskatoon, SK
S. Hyun-Il	Korea Astronomy Observatory, Taejeon, Korea
A. Ielo	Perugia, Italia
S. Irvine	Melbourne, Australia
R. Jepeal	New Britain, CT
K. Justtanont	Stockholm Observatory, Stockholm Center for Physics, Astronomy, and Biotechnology, Sweden
M. Kaczmarech (2)	Ponta Fina, Brazil
A. Kanarskas (3)	Vilnius, Lithuania
J. Kanipe	Dallas, TX
P. Karacho	Lithuania
C. Karow (2)	Max-Planck-Institut fuer Radioastronomie, Bonn, Germany
C. Katsu	Fairfield High School, Fairfield, PA
S. Kawaler	Dept. of Physics and Astronomy, Iowa State University, Ames
E. Kellogg (4)	Smithsonian Astrophysical Observatory, Cambridge, MA
A. Kilpio	Institute of Astronomy, Moscow, Russia
L. Kiss	School of Physics, University of Sydney, Australia
M. Koppelman	University of Minnesota, Golden Valley
D. Kozic (86)	Oriel College, University of Oxford, England
I. Kriukov	Vilnius, Lithuania
R. Lazauskaite (3)	Vilnius, Lithuania
T. Lebzelter (5)	University of Vienna, Austria
H. Leeb	Karl-Franzens-Universitaet-Graz, Austria
M. Lesniak (2)	Villanova University, Burnt Hills, NY
F. Leu	Timisoara, Romania
G. Linkevicius	Vilnius, Lithuania
J. Lyke (5)	Dept. of Astronomy, University of Minnesota, Minneapolis
T. Lynas-Gray	Astrophysics, Keble, University of Oxford, England
R. Magner	Sway, England
L. Mantegaza	INAF-Osserv. Astron. di Brera, Merate, Italy
C. Marija (2)	Vilnius, Lituanija
N. Martin (2)	University of Vienna, Austria
P. Mason	University of Texas at El Paso, Las Cruces, NM
N. Massey (4)	Warrington, Cheshire, England
R. Matiukas	Vilnius, Lithuania

Table 5. Individuals requesting AAVSO data during fiscal year 2002–2003, cont.

Name	Affiliation/Location
L. de Matos	Department of Astronomy, Institute for Astronomy, Geophysics, and Atmospheric Science, University of São Paulo, Brazil
A. Matuizaite	Vilnius, Lithuania
C. Mayer (4)	University of Reading, Poole, Dorset, England
P. Mayer	Charles University, Praha, Czech Republic
K. McGowan	Los Alamos National Laboratory, Los Alamos, NM
J. McSaveney (2)	Physics and Astronomy, University of Canterbury, Christchurch, New Zealand
D. Mesterhazy	Budapest, Hungary
A. Miciaite	Vilnius, Lithuania
C. Middleton	Bryanston, Gauteng, South Africa
M. Mientus	Norridge, IL
J. Mik	Vilnius, Lithuania
R. Millan-Gabet	California Institute of Technology, Pasadena, CA
B. Miller	Fairfield High School, Fairfield, PA
F. Mohammed	Toronto, Canada
S. Mondal (3)	Physical Research Laboratory, Astronomy Division, Ahmedabad, Gujarat, India
L. Moorhead	Physics Department, University of York, York, England
P. Mozel	Oakville, ON, Canada
I. Nariman	Baku, Azerbaijan
National Dali Senior School	Dali City, Taichung, Taiwan
M. Nielbock	European Southern Observatory, Santaigo, Chile
B. O'Donovan	Astrophysics Group, Lucy Cavendish College, Cambridge, England
K. Ohnaka	Max-Planck-Institut fuer Radioastronomie, Bonn, Germany
R. Olenick (2)	University of Dallas, Department of Physics, Irving, TX 75062
D. Ondrich	Univerzity Karlovy, Prague, Czech Republic
C. Paskevic	Vilnius, Lithuania
R. Percy	Villanova University, Villanova, PA
H. Pinkston (3)	NASA, Hampton, VA
M. Poxon (2)	Great Plumstead, Norwich, England
A. Pratip Ray (4)	Dept. of Space Sciences, University of Pune, Maharashtra, India
R. Pretorius (2)	Dept. Astronomy, Univ. Cape Town, Rondebosch, Cape Town, South Africa
A. Puckett	University of Chicago, Chicago, IL
S. Pyatih	Minsk, Belarus
C. Radjapaksa	Stade, Germany
G. Ramsay	Mullard Space Science Lab., University Colleage, London, England
A. Rasakevicius (5)	Vilnius, Lithuania
P. Rauckis	Lithuania
J. Reitmaa	Helsinki, Finland
Reynolds	California State University, Fresno, CA
A. Rimoevieius (2)	Vilnius, Lithuania
K. Robinson	Scotforth, Lancaster, England
B. Rodgers	Gemini Observatory, Tucson, AZ
A. Rondi	Juillan, France
G. Rudnitskij (2)	Sternberg Astronomical Institute, Moscow, Russia
M. Rushton	Keele University, Stoke-on-Trent, England
J. Sackis	Northwest Suburban Astronomers, Elk Grove Village, IL
L. Sanchez Moreno	Sociedad Astronomica de Guadalajara, Escorpion, Guadalajara, Mexico
M. Sanitas	Porcelette, France
A. Sankowski	Sochaczew, Poland
A. Sargautis (2)	Vilnius, Lithuania
T. Saygac	Istanbul University, Astronomy & Space Sciences Dept., Istanbul, Turkey
T. Schmidt (13)	Carinos, Florianopolis, SC, Brasil
R. Schroeder	Deutsches Elektronen-Synchrotron-MST, Hamburg, Germany
G. Schwarz (3)	Steward Observatory, Tucson, AZ
J. Seibokas	Vilnius, Lithuania
V. Shchukin	Stavrolop, Russia

Table 5. Individuals requesting AAVSO data during fiscal year 2002–2003, cont.

Name	*Affiliation/Location*
T. Shirai	Tokyo, Japan
S. Shore (2)	Dept. of Physics, University of Pisa, Pisa, Italy
D. Slauson	Owl Ridge Observatory, Swisher, IA
M. Smith (3)	Jodrell Bank Observatory, Macclesfield, England
D. Starkey	Auburn, IN
R. Stencel	Dept. Astronomy, University of Denver, Denver CO
S. Swierczynski (2)	Dobczyce, Poland
R. Tamasauskaite (2)	Vilnius, Lithuania
S. Tautvydas	Vilnius, Lithuania
P. Temple (2)	Ganado, AZ
E. Tenenbaum	Maria Mitchell Association, Nantucket, MA
M. Teodorani	IRA/CNR - Radiotelescopi di Medicina, Villafontana, Italy
S. Thompson	Delisle, SK, Canada
I. Toledo (2)	Pontificia Universidad Catolica de Chile, Santiago
G. Tomaounas	Vilnius, Lithuania
J. Tomas	Vilnius, Lithuania
E. Tonis	Tartu Observatory, Toravere, Estonia
R. Trank	Winnebago, IL
J. Tucknott	Brighton, England
M. Valdez	Davenport, IA
R. Van Malderen	Departement of Astronomy, Katholieke Universiteit Leuven, Belgium
R. Varkavicius	Vilnius, Lithuania
I. Varzinskaite	Vilnius, Lithuania
G. Venckus (3)	Vilnius, Lithuania
A. Vilkevicius	Vilnius, Lithuania
I. Villordo (8)	Puebla, Mexico
T. Vining (3)	Scottsdale Unified School District, Scottsdale, AZ
M. Vygandas (2)	Vilnius, Lithuania
Vytas (2)	Lithuania
C. Watson	San Diego, CA
B. Weaver (2)	Monterey Institute for Research in Astronomy, Marina, CA
D. West	Mulvane, KS
P. Wheatley (3)	Dept. of Physics and Astronomy, University of Leicester, England
L. White	Roscoe, IL
A. Whitlow	Fairfield High School, Fairfield, PA
D. Wilkas	Vilnius, Lithuania
A. Wilkevicius (2)	Vilnius, Lithuania
G. Williams (2)	Physics Dept., Central Michigan University, Mt. Pleasant, MI
J. Wood (2)	Bakersfield, CA
H. Woodruff (5)	Max-Planck-Institut fuer Mathematik, Bonn, Germany
J. Wormley (15)	Sacramento, CA
K. Yakut	Ege University Science Faculty, Dept. Astron. & Space Sci., Izmir, Turkey
A. Young	Pittsburgh, PA
Y. Yu (36)	Korea Astronomy Observatory, Whaam-Dong, Youseong-Gu, Taejeon, Korea
email request	Buenos Aires, Argentina
email request	Estherville, IA
email request	Hamburger Sternwarte, Hamburg, Germany
email request	Mississauga, ON, Canada
email request	Opglabbeek, Belgium