Annual Report of the Director for Fiscal Year 2001–2002

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[Ed. note: completed by Elizabeth O. Waagen after Dr. Mattei's death.]

It is a privilege and a distinct pleasure for me to present to you my Annual Report for the Fiscal Year 2001–2002.

We have had another very active year in which we have: seen a dramatic increase in AAVSO website activity; hit the 10.5 millionth observation in the AAVSO International Database; responded to a record high of 531 requests for AAVSO data; resumed production of the *Monograph* series, publishing 7 *Monographs* and 11 *Monograph Supplements*; put the AAVSO *Journal* subject index on-line; completed new chart-making software; produced and distributed several hundred new charts; made, published, and distributed a second CDROM of AAVSO charts; created 12 "Variable Star of the Month" presentations on our website; resolved the multi-band data plotting problem; continued evaluation of Long Period Variables in preparation for publication; redesigned and expanded our *Hands-On Astrophysics* website and pamphlet; continued work on the AAVSO historical archives project; and published *Misfortunes as Blessings in Disguise*—the autobiography of Dr. Dorrit Hoffleit.

In my Annual Report I will summarize these and other activities.

1. Internet connection

The AAVSO website improvement and usage continues to grow. AAVSO website usage is about 50% higher than last spring, with page downloads continuing to increase. The most popular pages are the Quick Look file, WebObs, and the Light Curve Generator (Light Curve Generator usage has doubled). We continue to add more Educational tools and AAVSO Interest Pages to the site. The *Hands-On Astrophysics* site is undergoing extensive changes in design, organization, and content. The new dynamic page improvements are expected to increase interest in this site.

Here are some of our website additions and improvements:

Educational tools: we added 12 entries to the "Variable Star of the Month" pages, featuring variable stars of all types (Gamma Cas, R Cyg, IP Peg, TT Ari, FU Ori, Zeta Gem, T Pyx, R Hya, V4334 Sgr, CI Cyg, XZ Cyg, X Cyg); placed the subject index to the *Journal of the AAVSO* on-line so that one can search for a topic and click on an article title to retrieve the complete article from the Astrophysics Data System (ADS) archive, if available; and added an article to the CCD section and linked the article titles to the complete article on ADS.

Membership information, data, and new features: we created and updated specialty-star web pages (WZ Sge, EY Cyg, IM Nor, V838 Mon, SN 2002ao, V2540 Oph, N LMC 02, GK Per, V4742 Sgr, V4743 Sgr, WW Cet); added a new "Support the AAVSO" section that provides information on AAVSO funding sources and includes the capability to contribute to the Association on-line; added a more thorough and accurate Site Search function; added a web page describing the AAVSO Mentor Program; enhanced the solar photo gallery with many more photos; updated the member Awards/Honors page; added an enhanced archive of the Fall 2001 and Spring 2002 meetings, including a photo gallery, an audio feature to replay meeting presentations and papers, and made PowerPoint presentations available for download; added announcements for Spring 2002 and Fall 2002 meetings with registration and payment available on-line; reorganized the "AAVSO History" and "about the AAVSO" sections and added pages celebrating "A Margaret Mayall Centenary"; updated the minor planet names web page; and added new observer profiles and web pages (Richard Huziak, Cristina Sanchez, Steve Robinson, Tim Hager, Gerald Dyck).

Publications added to the web site: *CCD Observing Manual*; *Solar Bulletin* for Oct, Nov, Dec, Jan, Feb, Mar, Apr, May, Jun, Jul, Aug ; *Newsletter 27* (in html and pdf formats); 6 *Eyepiece Views*, issues 1.3, 2.1–2.5 (html and pdf); 8 *CCD Views*, issues 2.2–2.4, 3.1–3.3, and two special issues (html and pdf); JD Calendar 2002; *PEP Newsletter* Vol. 21, nos.1 and 2; EB and RR Lyrae Ephemerides for 2002; *Bulletin 65* for 2002; 7 "Alert Notices"; 190 "News Flashes."

Miscellaneous: we advertised our site through the National Science Teachers Association, and upgraded their link to our site.

Here are some website statistics—compiled using updated filters to show more realistic figures—from October 1, 2001, to September 30, 2002: total web pages downloaded—1,863,502; average pages downloaded—5,104 per day or 1 every 25 seconds; average data transferred per day—221 megabytes; number of individual visitors—215,486—many were returning visitors (last year's number of visitors was 117,762); average individual visitors per day—590—about 1 every 2.5 minutes (last year it was 321 or about 1 every 4.5 minutes); the most active day was Tuesday (like last year); the most active time was 3 to 4 P.M. EST (same as last year); number of light curves plotted, about 52,835 (last year it was 23,000); plots per day was about 145 (about 5–10 were requests from Xephem); the most popular stars were Omi Cet, V838 Mon, and SS Cyg; there were 30,881 standard charts downloaded (last year it was over 87,090), and 20,007 preliminary charts were downloaded.

The top ten downloads were: Quick-Look, 23%; WebObs, 20%; Light Curve Generator, 18%; Search Charts, 15%; Variable Star Section, 7%; Variable Star of the Month, 4%; Observing Manual, 4%; Accessing Data, 3%; Alert Notices, 3%; Committees Index, 8%.

Here are some comments from our web site visitors:

- From India: "I also would like to take this opportunity to thank you for your great web site and your Charts CD which serve as my constant companion and do not let me feel the absence of another variable star observer for probably hundreds of miles around where I live!"

- From Scotland: "Your web site is excellent. It's just great for downloading charts and viewing light curves. When I was observing in South Africa I could get copies of charts from other observers, but here [in Scotland] I would be on my own if it weren't for your site. Thanks for giving my passion for astronomy a useful purpose."

• From New Zealand: "Your Web site and the WebObs system is really very nice. You've made it very easy for beginners to submit observations. Thank you."

• From U.S.A.: "I want to say that I think the website is fantastic for all of the interesting and useful things it does, and to thank you for obviously putting so much work into it."

• From U.S.A.: "I have learned quite a bit from your website and hope to become more involved contributor. Thank you and the AAVSO for your excellent work."

• From U.S.A.: "Overall, I think our web pages are outstanding and show that we're a first class organization."

2. Data management and data processing

2.1. Electronic observations and software

The simplified procedures and software for submitting observations electronically (One time! One file! One format!) developed last year have completely automated the receipt of electronic observations. Computer programs were developed and refined to streamline PCObs and WebObs in order to make them more efficient and easier to use by the observers. Now the observations are automatically forwarded to the on-line Quick Look/Light Curve Generator files at a faster rate of every 15 minutes.

2.2. Digitizing and processing of current data

Approximately 56% of data received at AAVSO Headquarters is received automatically through WebObs and PCObs; 29% is received as e-mail (some of these are still not being submitted in our standard format); and about 15%, or 61,000 observations, are submitted each year on paper, and are digitized at Headquarters.

We continue to receive more and more observations from Australian and New Zealand observers. Albert Jones of New Zealand has been sending his backlog of data, and Rod Stubbings of Australia has promised to send all of his data (95,000 observations) to the AAVSO soon.

This summer we began to process observations in the month that they are received irrespective of when they are made. We are presently up-to-date in all monthly data processing work.

2.3. Computer hardware, software, and networking

Our office computer hardware is upgraded only if needed. This year, a memory chip in the main file server became corrupted and was replaced after extensive time was spent in trouble-shooting. Also, two staff workstations were replaced—one dedicated to Solar Committee work, and the other (a laptop) which is used as a mobile platform.

The following software programs, revisions, and enhancements were developed thanks to Aaron Price, George Hawkins, and Michael Saladyga at Headquarters, and contract help Lenny Abbey: users of the light curve generator are now able to specify the Y-axis (magnitude) scale, along with a list of observers who contributed to the light curve; HOAFUN2 for Windows was added to the *Hands-On Astrophysics* package; the Quick Look file now updates every 15 minutes instead of the previous 30 minutes; WebObs has additional new features, including a way for CCD users to upload raw photometric data not in AAVSO format (batch CCD upload option); the On-line Chart Search Engine was rewritten and expanded to include all AAVSO charts and to allow searches by star type; a program was developed and updated to work with AAVSO *Variable Star Chart CDROM*s 1 and 2; added GSC2 photometric data and Minor Planet lists to the GRB network files generated when an alert is issued; developed very flexible IDL software to plot multi-band data (visual, PEP, CCD BVRI, PV/PTG) with unique symbols and using many format options; IDL software was also developed to generate phase plots in preparation of data for publication; programs were written to assist with archival data clean-up (inappropriate 2-digit magnitudes, observer initials corrections, etc.) and standardization of comment fields; and we began an ongoing effort to replace MS-DOS programs at Headquarters with Windows programs.

3. Requests for AAVSO data

We have responded to 331 requests on-line and 213 requests off-line totaling to 544 requests for AAVSO data and information.

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

Those requesting data from Headquarters are: professional astronomers (34%), graduate students (25%), amateur astronomers (10%), educators (2%), students (27%), the press and others (2%).

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

Below are the statistics on requests that we responded to electronically, by postal mail, and via web data download, all combined.

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—58% (Mira 54% and semiregular variables 4%)
b. cataclysmic variables—11% (dwarf novae 5%, novae, nova-like, recurrent novae, supernovae 6%)
c. δ Cep stars—23%
d. irregular variables—1%

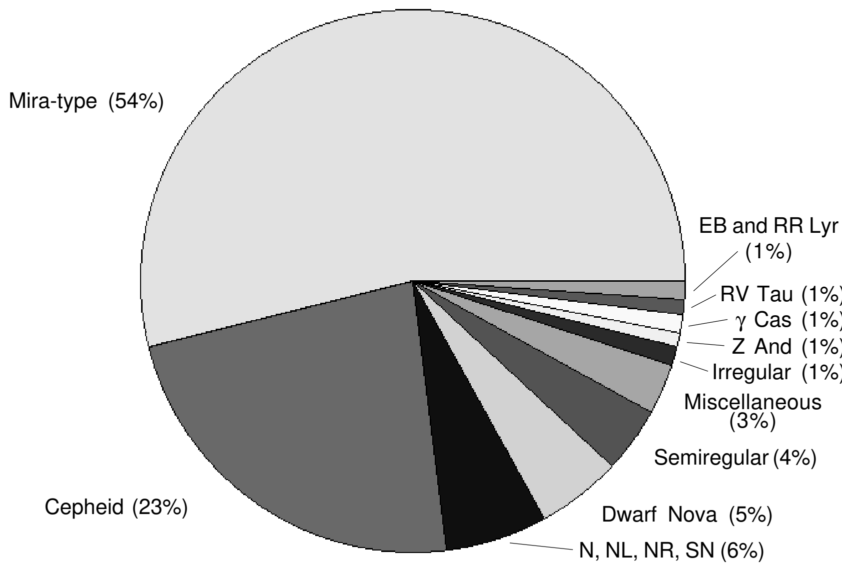


Figure 1. Types of stars for which AAVSO data were requested during fiscal year 2001–2002.

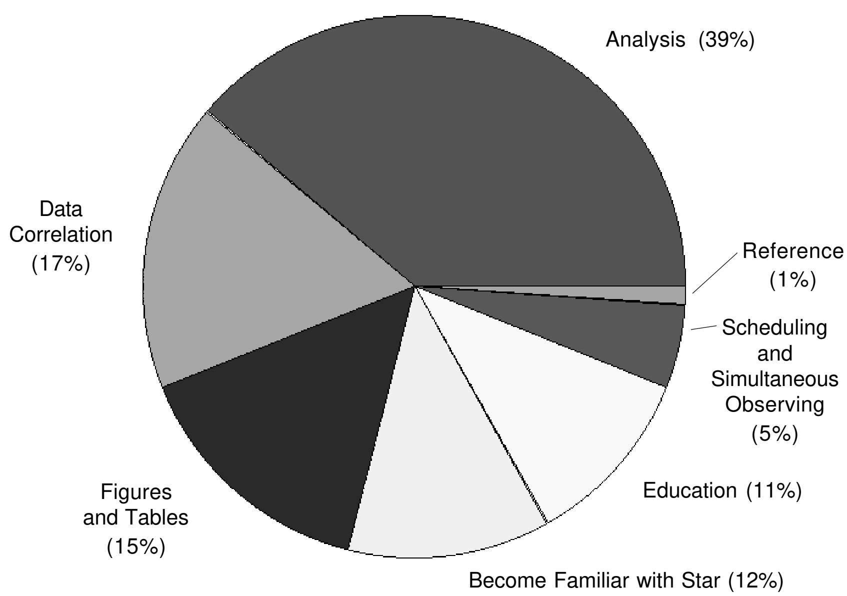


Figure 2. Areas in which AAVSO data or services were used during fiscal year 2001–2002.

e. miscellaneous (all other types)—7%

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

a. data correlation—17%
b. scheduling of observing runs and simultaneous observations (particularly with satellites)—5%
c. data analysis—39%
d. educational and scientific projects—11%
e. reference material and figures—16%
f. setting up observing programs or to become familiar with stars—12%

4. Awards and recognition

4.1. Awards given

a. AAVSO Observer Awards: At the AAVSO Spring Meeting in Waikoloa Beach, Hawaii, we presented the following AAVSO Observer Awards: to Richard W. Schmude, Jr., who made over 50,000 observations; to Eddy Muyllaert and Frederick R. West, who made over 25,000 observations; 6 awards to those observers who made over 10,000; to Lewis M. Cook, who made over 25,000 CCD Observations; Gerard Samolyk, who made over 10,000 CCD observations; to Shawn W. Dvorak for over 5,000 CCD observations; 5 awards for over 2,500 CCD observations; 5 awards for over 1,000 PEP/CCD observations. The list of Observer Awards was published in *JAAVSO* Vol. 31, p. 77 (2002).

b. AAVSO Director's Award: At the 91st AAVSO Spring Meeting the Director's Award was presented to: William Albrecht, for his many decades of valuable contributions to the AAVSO International Database, particularly in support of special observing programs with satellites; Thomas Cragg, for his many decades of tireless and valuable contributions to AAVSO International Database; Rod Stubbings, for his dedicated contributions to special observing programs and the AAVSO International Database; and to Richard Wend, for his many years of tireless and valuable contributions to AAVSO International Database.

c. Special awards of thanks and appreciation were presented to Gerald J. Fishman and Chryssa Kouveliotou for their support of our GRB activities and HEA workshops, and to Arne Henden for his contributions to our GRB Network.

d. AAVSO Supernova Award: At the 91st Annual Meeting in Somerville, Massachusetts, the AAVSO Supernova Award was presented to Robert Evans for his visual discovery of SN 2002ig in NGC 7424 on December 10.43 UT.

e. The AAVSO William Tyler Olcott Award: At the 91st Annual Meeting in Somerville, Massachusetts, the second AAVSO William Tyler Olcott Award was presented to Dorrit Hoffleit.

4.2. Recognition received

Ricardo Giaconni, Headquarters Dedication Speaker in 1986, strong supporter of amateur astronomers, and the former Director of the Space Telescope Science

Institute, was awarded the Nobel Prize in Physics for his contributions to X-ray astronomy.

Janet A. Mattei received the Medal for Honorary membership to the city of Bourbon Lancy, France (the home of the AFOEV Director Michel Verdenet), during the AFOEV International meeting in Bourbon Lancy in August 2002.

5. Special projects

5.1. *AAVSO Monographs* and *Monograph Supplements*

We resumed the publication of *Monographs* and *Monograph Supplements* once we developed an IDL program to plot multi-band data (visual, CCD–BVRI, PEP, PTG) with different format options. These publications were prepared by Janet Mattei, Keriann Malatesta, Gamze Menali, and Elizabeth Waagen. The new software was created by George Hawkins.

The following 7 *AAVSO Monographs*, mostly of variable stars featured as Variable Star of the Month, were published:

Omicron Ceti 1963–2000 (*Monograph 15*); R Cygni 1963–2000 (*Monograph 16*); R Leonis 1963–2000 (*Monograph 17*); FH Serpentis 1970–2000 (*Monograph 19*); V1500 Cygni 1975–2000 (*Monograph 20*); NQ Vulpeculae 1976–2000 (*Monograph 21*); PW Vulpeculae 1984–2000 (*Monograph 22*).

The following 11 *Monograph Supplements* containing AAVSO data from 1996 through 2000 were published:

SS Cygni (*Monograph 1, Supplement 3*); R Scuti (*Monograph 3, Supplement 3*); R Coronae Borealis (*Monograph 4, Supplement 2*); RY Sagittarii (*Monograph 5, Supplement 1*); Z Camelopardalis (*Monograph 6, Supplement 1*); RS Ophiuchi (*Monograph 7, Supplement 1*); AH Herculis (*Monograph 8, Supplement 1*); RX Andromedae (*Monograph 9, Supplement 1*); AM Herculis (*Monograph 10, Supplement 1*); PU Vulpeculae (*Monograph 11, Supplement 1*); GK Persei (*Monograph 13, Supplement 1*).

In addition, the following 7 *AAVSO Monographs* are being prepared for publication:

MV Lyrae 1970–2000 (*Monograph 14*); Z Ursae Majoris 1963–2000 (*Monograph 18*); OS Andromedae 1986–2000 (*Monograph 23*); V838 Herculis 1991–2000 (*Monograph 24*); V1974 Cygni 1992–2000 (*Monograph 25*); V4362 Sagittarii 1994–2000 (*Monograph 26*); V723 Cassiopeiae 1995–2000 (*Monograph 27*).

5.2. Validation and certification of AAVSO data

The AAVSO has been awarded a NASA grant to validate and certify all of the data going back to 1911 and make them accessible to the astronomical community and the public within two years. The validation was started by the AAVSO technical staff. The first round of validation has been performed for the following types of variable stars: 1,570 Long Period and Semiregular Variables—24%; 74 Cataclysmic Variables—1%; 49 Symbiotic Variables—1 %. 74% of the data still need to be validated by the technical staff. Furthermore, all of the validation needs to be certified by the Director.

5.3. Charts

This year has been one of the most productive for chart making in AAVSO history, thanks to the contract help of Mike Simonsen (paid through the Director's Discretionary Fund), Charles Scovil, Marc Biesmans, and Ron Zissell, along with Headquarters staff members Aaron Price—who is now the AAVSO Chart Coordinator—and Kerriann Malatesta.

The IDL Chart plotting program developed by George Hawkins is now complete and is working in production mode on a regular basis. It has various options for plotting and usage of databases including the Digital Sky Survey (DSS) images.

This year we have: released charts for 98 EB stars, 40 RR Lyrae stars, and 80 stars in our Photoelectric Photometry Program; released 239 charts for 84 variable stars, mainly cataclysmic variables; released new charts for 14 stars which did not originally have charts (mainly novae and supernovae); released reversed charts for 48 stars for which we already had normal charts; combined the standard and preliminary chart catalogs; released to the public a living chart catalog database; developed and released the second CDROM of AAVSO Star Charts containing all AAVSO charts, with a grant from the Fund for Astrophysical Research (awarded in 2001).

At the Hawaii meeting, the AAVSO hosted the second meeting of the International Chart Working Group (ICWG), a group founded by the AAVSO of chart makers of variable star organizations around the world. Representatives from Japan, Australia, New Zealand, the United Kingdom, and Belgium, along with those of the AAVSO, attended the meeting. A draft agreement on creating comparison star sequences was put together and circulated. The goal of the ICWG is to provide guidelines to all variable star organizations in selecting comparison star sequences and revising charts with the best possible comparison star sequences. To this end, we have started an ICWG discussion site, open to all interested. Later, in August, at the International AFOEV meeting in Bourbon Lancy, France, the ICWG guidelines were reported following active discussion.

The AAVSO has a very significant number of charts that need to be upgraded or replaced using better comparison star sequences. This process is a very detailed and lengthy one that can have significant impact on the long term AAVSO light curves. We are working on all fronts—recording the chart information reported by the observers in our database, starting the transformation of light curves using revised sequences, and working on ideas toward the goal of upgrading charts more efficiently and automatically.

5.4. AAVSO historical archives project

We have made very good progress on the AAVSO historical archives project. Technical Assistant Michael Saladyga completed the arrangement and description of the correspondence, organizational, and administrative collections of the Leon Campbell and Margaret Mayall eras; and arrangement and description of the early correspondence collection of the Pickering and Olcott eras. The contents of these collections are catalogued in a database. Also, he has begun arranging the correspondence collection of the Mattei era (up to 1993).

5.5. Special publication

Misfortunes as Blessings in Disguise—the autobiography of Dr. Dorrit Hoffleit—was edited and prepared for publication by Michael Saladyga and published by the AAVSO.

5.6. AAVSO Gamma-Ray Burst (GRB) Network

In December 2001 the AAVSO received delivery of four CCD cameras purchased with funds generously supplied by the Curry Foundation. After a careful inspection, the equipment was shipped to four carefully chosen recipient observers in Australia, New Zealand, Hungary, and Finland, who will make use of the equipment on behalf of the AAVSO.

The distribution of GCN alerts to the GRB network recipients continued this year. Increases in network capabilities included: the drawing of error circles on the automated charts generated on the AAVSO website, the pulling of Minor Planet data from the IAU MP Center, and the support of the recently launched INTEGRAL satellite.

In FY 2001–2002, six GCN Circulars were issued with information from the members of the AAVSO network. Four days before the end of the fiscal year, six members of the network detected the fading afterglow of GRB021004. The membership of the GRB network increased to 145 this year.

5.7. AAVSO education project: *Hands-On Astrophysics*

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

This fiscal year we sold 59 HOA packages and distributed 5 complimentary copies—three for schools in Africa, one for the Space Institute, and one to the Los Alamos National Laboratory, with whom we are pursuing possible future collaborative activities with HOA and its web-based update.

We held the following HOA workshops and activities: a two-week workshop of HOA activities and variable star observing as part of the University of Hawaii's Toward Other Planetary Systems (TOPS) teacher enhancement workshop for mostly Hawaiian and Pacific Island teachers and students; a workshop for the public at the Davis Star Show (California) led by Chuck Pullen; a workshop on variable stars using the materials of HOA, conducted by John Percy at the European Association in Astronomical research (EAAE).

6. Summary of observations

We had another milestone in the AAVSO International Database—the 10.5 millionth observation was made by Jean Gunther of St. Trinit, France, with his observation of 0543+19 SU Tau at magnitude 10.1 on JD 2452285.3 (2002 January 10.8 UT) (see Figure 3).

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

6.1. Annual observations

This year we received 405,688 visual, photoelectric, and CCD observations from 775 observers around the world. These totals include 144,094 observations, of which 24,001 are inner sanctum observations, from 315 observers in the United States, and 261,594 observations, of which 44,905 are inner sanctum observations, from 460 observers abroad.

As mentioned above, the total number of observations since 1911 in the AAVSO International Database has exceeded 10.5 million, and now stands at 10,770,314.

Our top six observers for this fiscal year were Georg Comello (The Netherlands) with 17,544 observations, Gerry Samolyk (USA) with 13,033, Michael Simonsen (USA) with 10,844, Rod Stubbings (Australia) with 10,381, Shawn Dvorak (Florida) with 9,927, and Gary Poyner (England) with 8,084.

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 13.8 or fainter, or "fainter than" 14.0 or 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 4, 5, and 6 are schematic representations of the information in Table 4.

We received 3,561 observations from 22 photoelectric observers. Howard Landis, retiring chair of the AAVSO Photoelectric Photometry Committee, and John P. Manker, current chair, digitize these observations, reduce them to standard format, archive them, and send them to Headquarters to be included in the AAVSO Photoelectric Photometry Database.

We received 80,204 CCD observations from 106 observers, a significant increase from last year. 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, the 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 47,969 eclipsing binary and RR Lyrae stars observations from 147 observers—also a significant increase from last year. 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 2,419 Supernova Search observations from 4 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.

We received 4,162 Nova Search observations from 5 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.

We received 13,352 sunspot observations from 90 observers, and 199 SID reports from 20 observers. Carl Feehrer, chair of the AAVSO Solar Committee, assisted by Arthur Ritchie, compiles and digitizes the sunspot observations, and provides valuable guidance to the solar observers. Michael Hill performs the SID analysis.

My most sincere thanks to all our observers for their tireless efforts, dedication, and vital astronomical contributions to the AAVSO International Database.

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

My thanks also to Marvin Baldwin, Howard Landis, Gary Walker, and Kenneth Beckmann—the chairs of the Eclipsing Binary, RR Lyrae Stars, Photoelectric Photometry, CCD, and Nova Search committees, respectively—for compiling and archiving the observations they receive.

6.2. 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. Association of Variable Star Observers "Pleione" (Russia)
e. Astronomical Society of Southern Africa, Variable Star Section
f. Astronomischer Jugendclub (Austria)
g. Astronomisk Selskab (Scandinavia)
h. Brazilian Observational Network REA
i. British Astronomical Association, Variable Star Section
j. Bundesdeutsche Arbeitsgemeinschäft für Veranderliche Sterne e.V. (BAV) (Germany)
k. Grupo Astronomico Silos (Zaragoza, Spain)
l. Israeli Astronomical Association, Variable Star Section
m. Liga Ibero-Americana de Astronomia (South America)
n. Madrid Astronomical Association M1 (Spain)
o. Magyar Csillagászati Egyesület, Változócsillag Szakcsoport (Hungary)
p. Nederlandse Vereniging Voor Weer-en Sterrenkunde, Werkgroep Veranderlijke Sterren (Netherlands)

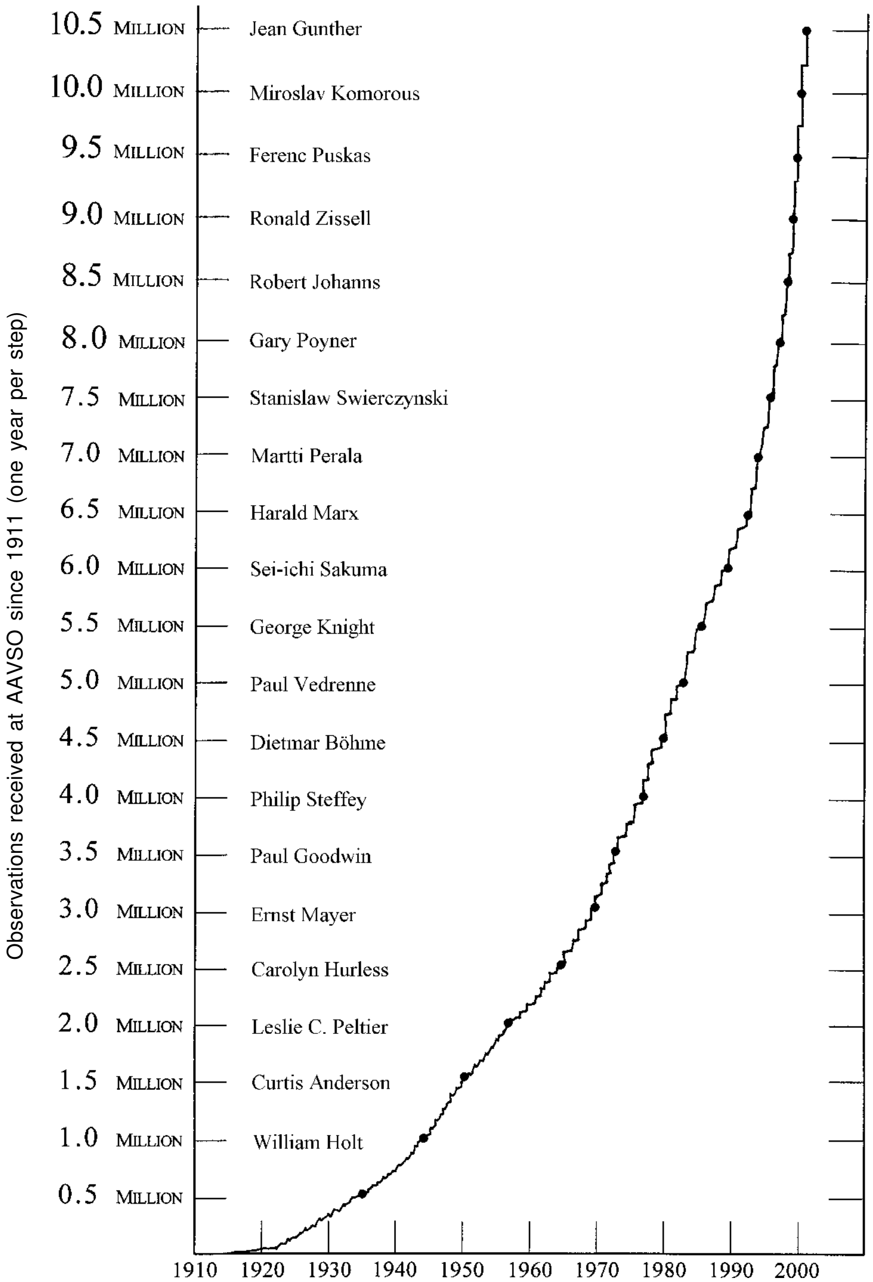


Figure 3. "Megasteps" of the AAVSO—the year in which each half-millionth observation was contribued to the AAVSO International Database, and the name of the observer credited with making the observation.

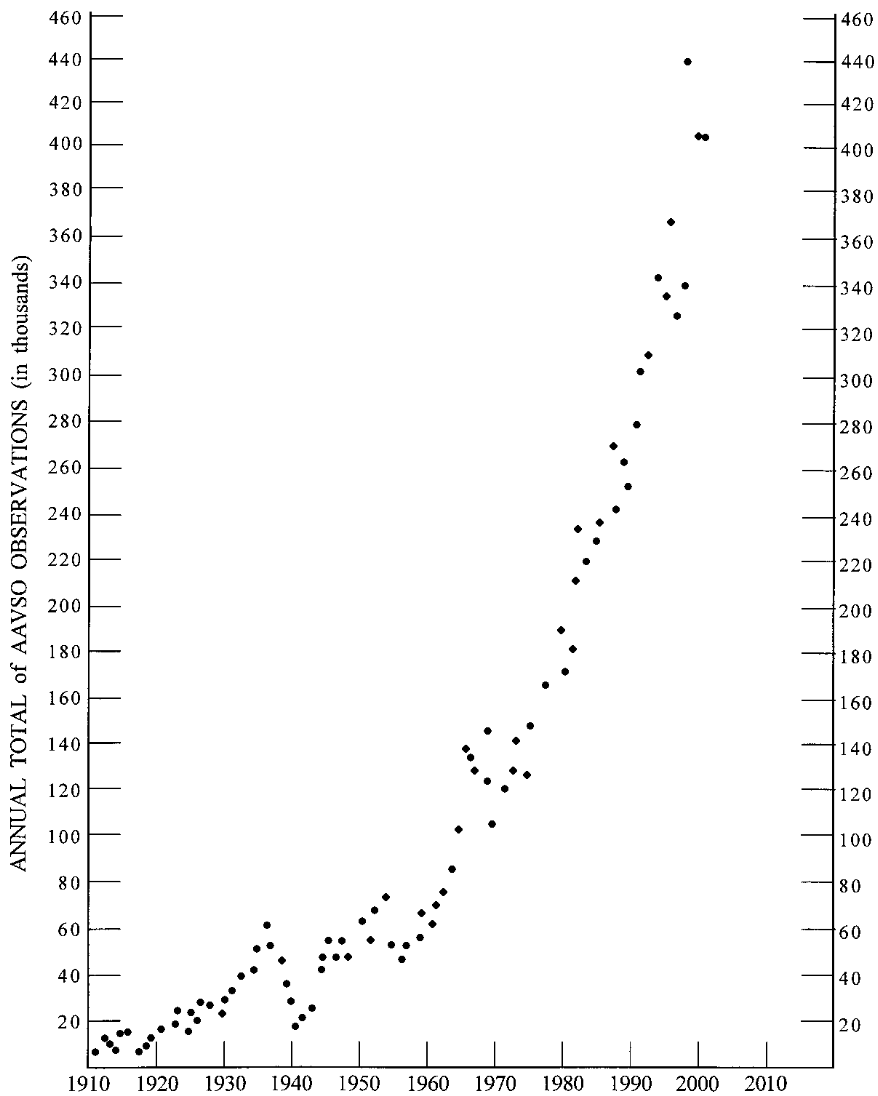
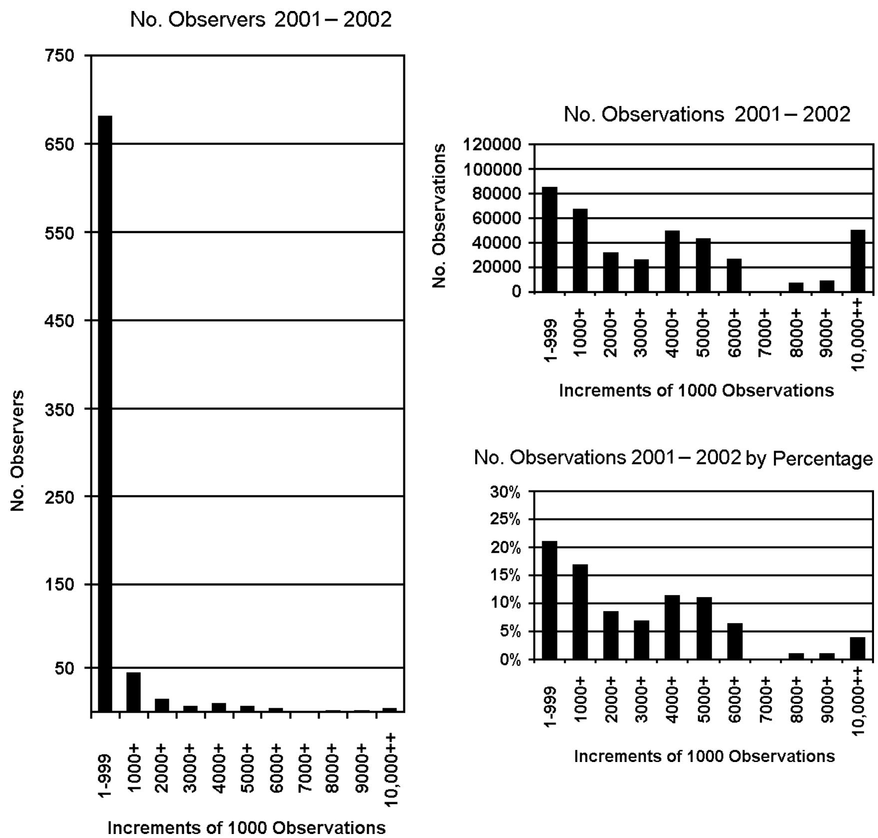


Figure 4. Number of observations submitted each year to the AAVSO International Database since its founding in 1911.



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 2000–2001. 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 2001–2002.

q. Norwegian Astronomical Society, Variable Star Section
r. Red de Observadores (Montevideo, Uruguay)
s. Royal Astronomical Society of New Zealand, Variable Star Section
t. Sociedad Astronomica "Syrma" (Valladolid, Spain)
u. Svensk Amator Astronomisk Forening, variabelsektionen (Sweden)
v. Ukraine Astronomical Group, Variable Star Section
w. Unione Astrofili Italiani (Italy)
x. URSA Astronomical Association, Variable Star Section (Finland)
y. Variable Star Observers League in Japan
z. Vereniging Voor Sterrenkunde, Werkgroep Veranderlijke Sterren (Belgium)

7. Membership

At the 91st Spring Meeting, held in Waikoloa Beach, HI, on June 30–July 6, 2002, we elected 93 new members, three of whom joined as a Sustaining member. A list of these new members appears on pages 76–77 of Volume 31, No. 1, of *The Journal of the AAVSO*.

At the 91st Annual Meeting, held in Somerville, MA, on October 24–27, 2002, we elected 72 new members, one of whom joined as a Sustaining member. A list of these new members appears in this issue of the *Journal* following the Minutes.

8. AAVSO publications

This year the following were published by the AAVSO:

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

b. *AAVSO Bulletin 65: 2002 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. 291–297, prepared by Janet A. Mattei, Elizabeth O. Waagen, and Kerriann H. Malatesta.

d. *AAVSO News Flash,* Nos. 852–1039, prepared by Janet A. Mattei and Rebecca T. Pellock, with assistance from Kerriann H. Malatesta, and Gamze Menali.

e. *AAVSO CCD Views,* Vol. 2, No. 3–4; Vol. 3, No. 1–2, plus 3 Special issues, prepared by Aaron Price and Gary Walker, with contributions by Janet A. Mattei.

f. *AAVSO Eyepiece Views,* Vol. 1, No. 3; Vol. 2, No. 1–5, prepared by Gamze Menali and Aaron Price, with contributions by Mike Simonsen and Janet A. Mattei.

g. *AAVSO Newsletter,* No. 27, edited by Travis Searle.

h. *AAVSO 2002 Ephemeris for Eclipsing Binaries,* prepared by Gerard Samolyk and Marvin E. Baldwin.

i. *AAVSO 2002 Ephemeris for RR Lyrae Stars,* prepared by Gerard Samolyk and Marvin E. Baldwin.

j. *AAVSO Solar Bulletin,* Vol. 57, Nos. 9–12; Vol. 58, Nos. 1–8, prepared by Carl Feehrer, SID Reports by Michael Hill, with contributions by Casper Hossfield.

k. *AAVSO Photoelectric Photometry Newsletter,* Vol. 21, No. 1–2, edited by John R. Percy.

l. *Observed Times of Minima,* No. 7, prepared by Marvin E. Baldwin and Gerard Samolyk.

m. *AAVSO Chart Compact Disk (CD),* comprising all AAVSO standard and preliminary charts, EB, RR Lyr, PEP, CCD charts. Prepared and published through a grant from Astrophysics Research Fund (awarded in 2001). The CD-Rom is being distributed free of charge, except for a small postage and handling fee to all members and observers.

9. Other publications with AAVSO participation

a. "Solar-like Oscillations of Semiregular Variables" by J. Christensen-Darlsgaard, H. Kjeldsen, and J. A. Mattei was published in *The Astrophysical Journal,* **562**, L141; 2001.

b. "Wavelet Analysis of the RV Tauri Star U Mon" by J. A. McSaveney, P. L. Cottrell, K. R. Pollard, and J. A. Mattei was published in *Radial and Nonradial Pulsations as Probes of Stellar Physics, ASP Conference Proceedings* (also *IAU Colloquium* **185**), ed. by Conny Aerts, Timothy R. Bedding, and Jorgen Christensen-Dalsgaard, 259, 576; 2002.

c. "Hydrodynamic Simulations of Flares on Accretion Disks" by Glen Williams and Kerriann H. Malatesta was published in *The Astronomical Journal,* **123**, 1095; 2002.

d. "RX And: An Intermediate Between Z Cam and VY Scl Stars" by M. R. Schreiber, B. T. Gänsicke, and J. A. Mattei was published in *The Physics of Cataclysmic Variables and Related Objects, ASP Conference Proceedings,* ed. by B. T. Gänsicke, K. Beuermann, and K. Reinsch, 261, 545; 2002, and in *Astronomy and Astrophysics,* **384**, L6; 2002.

e. "GK Persei" by J. A. Mattei, S. Tracy, N. Granby, M. Linnolt, J. Virtanen, R. Stine, F. van Loo, T. Burrows, J. Speil, and W. Kriebel was published in *International Astronomical Union Circular,* No. 7841; ed. D. Green, 2002.

f. "V838 Mon" by N. J. Brown, E. O. Waagen, C. Scovil, P. Nelson, A. Oksanen, J. Solonen, and A. Price was published in *International Astronomical Union Circular,* No. 7785; ed. D. Green, 2002.

g. "SS Cygni : A Nonlinear Revisit" by N. Jevtic, J. A. Mattei, and J. S. Schweitzer was published in *Bulletin of the American Astronomical Society,* **34**, 2, 775; 2002.

h. "An Analysis of the Long Term Light Curve of U Geminorum" by J. K. Cannizzo, N. Gehrels, and J. A. Mattei was published in *Bulletin of the American Astronomical Society,* **34**, 2, 774; 2002 and was accepted for publication in *The Astrophysical Journal.*

i. "Education and Public Outreach Summary from the NVO Science Definition Team Report" by I. Hawkins, J. Mattei, and the NVO Science Definition Team was published in *American Astronomical Society Meeting,* **200**, 60. 08; 2002.

j. "Statistical Analysis of the Long-term Visual Light Curve Parameters of Dwarf Novae" by T. Ak, M. T. Ozkan, and J. A. Mattei was published in *Astronomy and Astrophysics,* **389**, 478; 2002.

k. "ES Aquilae is an R Coronae Borealis Star" by G. C. Clayton, D. Hammond, J. Lawless, D. Kilkenny, T. L. Evans, J. Mattei, and A. U. Landolt was published in *Publications of the Astronomical Society of the Pacific,* **114**, 846; 2002.

l. "The Evolution of the Mira Variable R Hydrae" by A. A. Zijlstra, T. R. Bedding, and J. A. Mattei was published in *Monthly Notices of the Royal Astronomical Society,* **334**, 498; 2002.

m. "Multicolor Observations of V838 Mon" by A. Price, J. Mattei, A. Henden, D. West, J. Bedient, P. Nelson, L. Smelcer, D. Klingesmith, K. Luedeke, C. Sherrod, S. O'Connor, A. Oksanen, and M. Templeton was published in *Information Bulletin on Variable Stars,* No. 5315, 1; 2002.

n. "V4742 Sagittari (Nova Sgr 2002 No. 2)" by W. Liller, T. Kato, E. Waagen, B. King, C. Puig, J. Bedient, and M. Linnolt, M. was published in *International Astronomical Union Circular,* No. 7971; ed. D. Green, 2002.

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

The meetings Janet Mattei attended during the year included:

a. 199th meeting of the American Astronomical Society, January 7–11, 2002, Washington, DC;

b. Towards Other Planetary Systems (TOPS) Workshop, June 13–29, 2002, Waimeia, HI;

c. AAVSO 91st Spring meeting and the Second High-Energy Astrophysics Workshop for Amateur Astronomers, June 30–July 6, 2002, Waikoloa, HI;

d. Space Telescope Science Institute, Baltimore, MD, July 7–11, 2002.

e. Los Alamos, NM, September 25–27, 2002.

In addition, Aaron Price attended the Gamma Ray Burst and Afterglow Astronomy workshop, November 5–7, 2001, Woods Hole, MA, and presented a poster, and George Hawkins attended the 199th AAS meeting, January 7–11, 2002, in Washington, DC.

10.2. Talks given

In 2001–2002 Janet Mattei gave at least five talks on the AAVSO, its resources, and its services to the astronomical and educational communities.

Presentations on AAVSO and/or HOA were also given by Aaron Price and George Hawkins.

11. Personnel at Headquarters

I am happy to report that the staffing at Headquarters continues to remain stable, with high staff morale and timely and enthusiastic productivity.

Our Association is extremely fortunate to have a very special group of people as staff at Headquarters. I express my sincere appreciation and thanks to our dedicated, hardworking, conscientious, and team-spirited staff who assist me in running the AAVSO. They are: Staff Astronomers George Hawkins (until May 2002), and Matthew Templeton (since August 2002); Senior Technical Assistant and Associate Editor of *The Journal of the AAVSO* Elizabeth Waagen; Technical Assistant and *Journal* Production Editor Michael Saladyga; Technical Assistant and Meetings Coordinator Rebecca Pellock; Technical Assistants Kerriann Malatesta and Gamze Menali; Technical Assistant/Technology and Unix System administrator Aaron Price; Technical Assistant/Website Katherine Davis; Membership Services/ Administrative Assistant Victor Gonzalez; Administrative Assistant, Publications, and *AAVSO Newsletter* Editor Travis Searle; Office Assistant/Technical Assistant (data validation) Sarah Sechelski; 7-month full-time Technical Assistant Sara Beck; part-time Data Entry Technicians Barbara Silva and Gloria Ortiz; and our loyal volunteers Carl Feehrer and Arthur Ritchie.

I also wish to thank our contract personnel: Charles Scovil, Mark Biesmans, Mike Simonsen, and Ron Zissell, for chart preparation; Lenny Abbey, software programming; and Ann Saladyga, accounting.

12. Acknowledgements

I want to thank with profound appreciation and gratitude 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, devoted, and untiring observers—775 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* 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 Chairpersons 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 am grateful for, and appreciate, the support of our Vice Presidents Bill Dillon and Ray Berg, and our Council members Geoff Clayton, Lew Cook, Jaime Garcia, Arne Henden, Dave Hurdis, Kevin Marvel, 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; to our accountant, Ann Saladyga, for her careful work and dedication; and to our past Treasurers, Ted Wales and Wayne Lowder, 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, and to Charles Scovil, Marc Biesmans, Mike Simonsen, and Steve O'Connor for their work on 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 Lenny 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, private foundations, and government agencies this year. We gratefully acknowledge the following:

The Curry Foundation, for a grant in support of the operation of our programs, and a grant in support of the Second High-Energy Astrophysics (HEA) Workshop for Amateur Astronomers;

NASA Marshall Space Flight Center, for a grant in support of the second HEA Workshop for Amateur Astronomers;

NASA GLAST Mission (Sonoma State University), for a grant in support of the second HEA Workshop for Amateur Astronomers;

NASA Headquarters, for a grant in support of the second HEA Workshop for Amateur Astronomers;

NASA (Chandra, Smithsonian Astrophysical Observatory), for a grant in support of the first HEA Workshop for Amateur Astronomers;

NASA (Space Telescope Science Institute), for a grant in support of our collaboration with Dr. Christopher Mauche;

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

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

My personal thanks go to my husband Mike for his continuous understanding and support.

My very personal thanks and gratitude go to Dorrit Hoffleit.

Table 1. AAVSO Observer Totals 2001–2002 by Country.

Country	No. Observers	No. Obs.	Country	No. Observers	No. Obs.
ARGENTINA	8	1635	NETHERLANDS	9	21852
AUSTRALIA	20	29059	NEW ZEALAND	3	4839
AUSTRIA	2	459	NORWAY	7	2685
BELGIUM	26	29651	POLAND	18	15023
BRAZIL	13	3009	PORTUGAL	3	524
CANADA	33	24386	ROMANIA	11	8955
CHILE	1	14	RUSSIA	8	1961
CROATIA	3	25	SCOTLAND	1	101
CZECH REPUBLIC	2	4096	SLOVAKIA	1	1515
DENMARK	4	361	SLOVENIA	1	12
ENGLAND	23	20254	SOUTH AFRICA	13	5310
FINLAND	11	11107	SPAIN	29	6332
FRANCE	28	17180	SWITZERLAND	6	2287
GERMANY	41	23084	TURKEY	2	479
GREECE	5	2609	UKRAINE	31	9238
HUNGARY	54	11343	URUGUAY	3	83
INDIA	8	460	USA	313	143438
IRELAND	4	582	VENEZUELA	1	6
ITALY	23	2394	ZIMBABWE	1	154
JAPAN	4	3076			
MALTA	1	110	TOTAL	775	405688

Table 2. AAVSO Observer Totals 2001–2002 USA by State or Territory.

State/Territory		No. Observers	No. Obs.	State/Territory		No. Observers	No. Obs.
ALABAMA	(AL)	2	310	MONTANA	(MT)	1	146
ALASKA	(AK)	1	13	NEBRASKA	(NE)	3	123
ARIZONA	(AZ)	13	2116	NEVADA	(NV)	1	11
ARKANSAS	(AR)	4	391	NEW HAMPSHIRE	(NH)	3	132
CALIFORNIA	(CA)	37	7638	NEW JERSEY	(NJ)	4	403
COLORADO	(CO)	7	1606	NEW MEXICO	(NM)	6	5608
CONNECTICUT	(CT)	8	2348	NEW YORK	(NY)	17	8007
Fed. States Micronesia	(FM)	1	11	NORTH CAROLINA	(NC)	2	328
FLORIDA	(FL)	10	18367	OHIO	(OH)	11	2591
GEORGIA	(GA)	2	18	OKLAHOMA	(OK)	2	18
HAWAII	(HI)	7	1672	OREGON	(OR)	2	20
ILLINOIS	(IL)	14	10946	PALAU	(PW)	1	7
INDIANA	(IN)	7	10080	PENNSYLVANIA	(PA)	10	2183
IOWA	(IA)	2	150	PUERTO RICO	(PR)	3	294
KANSAS	(KS)	6	7353	RHODE ISLAND	(RI)	3	489
KENTUCKY	(KY)	4	179	SOUTH CAROLINA	(SC)	1	11
LOUISIANA	(LA)	2	23	TENNESSEE	(TN)	3	36
MAINE	(ME)	3	2919	TEXAS	(TX)	15	1845
MARSHALL ISLANDS	(MH)	1	11	UTAH	(UT)	2	105
MARYLAND	(MD)	9	1401	VIRGINIA	(VA)	9	2925
MASSACHUSETTS	(MA)	20	11711	WASHINGTON	(WA)	6	182
MICHIGAN	(MI)	14	11675	WEST VIRGINIA	(WV)	2	703
MILITARY	(AP)	1	6	WISCONSIN	(WI)	17	21709
MINNESOTA	(MN)	9	4516				
MISSISSIPPI	(MS)	1	14	TOTAL		313	143438
MISSOURI	(MO)	4	88				

Table 3. AAVSO Observers, 2001–2002.

Code	*Org.*	*Name*	*No. Obs.*	*No. I.S.*	*Code*	*Org.*	*Name*	*No. Obs.*	*No. I.S.*
AAP		A. Abbott, Canada	4723	373	BEB		R. Berg, IN	999	2
AAN	02	A. Abe, Germany	124	6	BEN	03	E. Berko, Hungary	1	
ABB		B. Adams, CA	257	32	BDD		D. Berns, IL	4	
AMI		M. Aho, Finland	672	267	X21		R. Besebes, PW	7	
ALN		R. Allison, IA	131	21	BMM	05	M. Biesmans, Belgium	347	216
ARC		R. Altenburg, PA	2		BGW		G. Billings, Canada	588	251
AAA	13	A. Alves, Brazil	400		BBP		B. Bishop, CA	2	
AMO	18	M. Amoretti, Italy	2	1	BXN	01	M. Bisson, France	353	
AMG		M. Amorim, Brazil	5		BKL		J. Blackwell, NH	63	
AAX	13	A. Amorim, Brazil	1880		BEU		E. Blankenship, VA	25	
AJ		J. Anderer, AR	7		BWJ		J. Bohdanowicz, Canada	5	
AEJ		E. Anderson, NY	35		BGP	03	G. Boleska, Hungary	15	
ALQ		L. Andree, IL	6		BON	05	R. Boninsegna, Belgium	6	
AJE		J. Andrei, Romania	39		BYJ	03	J. Bonyak, Hungary	1	
AZE		Z. Andreic, Croatia	8		BRJ		J. Bortle, NY	4349	1577
ADO		D. Andreic, Croatia	15		BBW		B. Bose, India	113	
ABG	08	B. Andresen, Norway	619	6	BMU	04	R. Bouma, Netherlands	1125	42
AWI		W. Anthony, NJ	81	1	BMK		M. Bradbury, IN	29	
AMA		M. Antill, England	11		BQD		D. Brannen, PA	3	
AWJ		W. Aquino, NY	448	4	BNW	02	W. Braune, Germany	30	
AWY	13	W. Araujo, Brazil	169		BDL		D. Breslin, MA	28	
AAT	15	A. Ardanuy, Spain	11		BTB		T. Bretl, MN	199	3
ATH		T. Armstrong, CA	9		BHA	02	H. Bretschneider, Germany	1265	
ARJ		J. Arnold, AL	59	22	SBS		S. Brewster, CA	4	2
ARN	01	L. Arnold, France	16	4	BSM		S. Brincat, Malta	110	
AWC		C. Aronowitz, Canada	11		BOS	05	E. Broens, Belgium	163	
AKT		T. Atkin, FL	13		BJQ		J. Brooks, CA	65	
ARX		R. Axelsen, Australia	53		BRK		J. Brooks, VA	41	2
BIE	05	A. Baillien, Belgium	167		BXV	15	X. Bros, Spain	281	1
BWW		W. Bakewell, CA	9		BLQ		L. Brundle, England	1	
BAH		A. Balcerek, Poland	1		BPR	01	P. Brunet, France	1	
BM		M. Baldwin, IN	2555		BOA	01	A. Bruno, France	347	107
BDZ		L. Ball, Australia	5		BUQ		R. Bullock, England	3	
BCD		R. Ball, England	17		BGO		R. Bunge, MD	1	
BZO	03	Z. Balogh, Hungary	236		BTH		T. Burrows, CA	555	119
BIV	03	I. Balogh, Hungary	271		BFC		F. Burton, CO	6	
BHO		R. Banerjee, India	2		CMQ		P. Camilleri, Australia	3	
BGZ		G. Banialis, IL	66		CCG		C. Campo, NY	2	
BDI	02	D. Bannuscher, Germany	27		CEM	15	E. Capella, Spain	200	
BFN	01	N. Bapt, France	7		CSQ		S. Caron, NY	18	
BXA	09	A. Baransky, Ukraine	483	18	CVJ	06	J. Carvajal Martinez, Spain	25	1
BVJ		J. Barentine, NM	10	1	CFA		A. Carver, WI	2	
BKQ	09	A. Barkanov, Ukraine	135		CRI	15	R. Casas, Spain	13	3
BSR	18	S. Baroni, Italy	262		CJS		J. Case, MO	23	2
BCT	01	C. Barret, France	40		CLQ		L. Cason, VA	196	
BVT		T. Bartlett, TX	3		CJE	01	J. Castellani, France	855	
BSK		S. Basso, Italy	40		CKN		K. Castle, AZ	236	50
BBB		B. Battersby, Canada	20	1	CWO		W. Castro, OH	31	
BBA		B. Beaman, IL	874	15	CSX		S. Cavanaugh, Canada	16	
BDY	09	D. Bechutsky, Ukraine	20		CGN	12	G. Cerrutti, Uruguay	10	
BJS		J. Bedient, HI	111		CNB	12	N. Cerrutti, Uruguay	40	
BSI		S. Bedingfield, Canada	6		CBI		B. Chandler, CA	37	20
BGV	05	G. Beeckman, Belgium	3		CNT		D. Chantiles, CA	481	4
BTY		T. Benner, PA	136	30	CSY	01	S. Chapeland, France	2	
BTU		T. Beresky, MO	9		CGF		G. Chaple, MA	2959	1209

Table 3. AAVSO Observers, 2001–2002, cont.

Code	*Org.*	*Name*	*No. Obs.*	*No. I.S.*	*Code*	*Org.*	*Name*	*No. Obs.*	*No. I.S.*
CJL		J. Charles, MI	41		DLA		A. Dill, KS	242	8
CPT		P. Chevalley, Switzerland	29		DIL		W. G. Dillon, TX	19	2
CLK		W. Clark, MO	52		DWP		W. P. Dillon, TX	3	
CWP		W. Clarke, CA	8		DZT	03	Z. Diveki, Hungary	9	
CPS	05	P. Cloesen, Belgium	1394		DST		S. Dodder, AZ	5	
CRX		R. Cnota, Poland	716		DPL		P. Dombrowski, CT	470	140
CSN		S. Coberly, IL	65		GDB	03	G. Domeny, Hungary	20	
CLF		L. Cohen, MA	126	19	DZS	12	S. Dominguez, Argentina	1277	
CJI	15	J. Coloma, Spain	18	7	DEH		E. Donaghy, PR	77	
CME	18	E. Colombo, Italy	569		DSN		S. Donnell, CO	146	1
CMG	04	G. Comello, Netherlands	17544	1753	DMW	10	M. Dowdeswell, South Africa	32	
CAU		A. Conu, Romania	267		DBN		B. Doyle, Ireland	9	
CK		S. Cook, AR	308		DPV		P. Dubovsky, Slovakia	1515	908
CXA		A. Cook, CA	21		DYU	09	Y. Dulitch, Ukraine	10	
COO		L. Cook, CA	3278	691	DMO	01	M. Dumont, France	422	
COM	10	T. Cooper, South Africa	109	10	DAO		A. Dutton, Australia	442	
CUA		A. Corlan, Romania	1		DKS		S. Dvorak, FL	9927	5
CXR		R. Corlan, Romania	5	2	DGP		G. Dyck, MA	5633	3565
CLZ	01	L. Corp, France	14		EEZ		E. Eggleston, TX	22	
CAI		A. Correia, Portugal	239		EER		E. Eker, Turkey	475	
CTO	05	T. Corstjens, Belgium	54		X22		M. Elm, HI	7	
COV		V. Coulehan, NY	511		EPE	01	P. Enskonatus, Germany	263	
CWD		D. Cowall, MD	33	1	EJM		J. Ensminger, CO	2	
COW		H. Coward, TX	80		EJO	03	J. Erdei, Hungary	192	
CLX		L. Cox, Canada	620		ERO		R. Evans, Australia	13	3
CR		T. Cragg, Australia	1815	516	FBO		B. Fain, MT	146	
CTX		T. Crawford, AK	13	1	FSU		S. Fanutti, Canada	46	
CJP		J. Crosland, FL	5		FMX	14	F. Farrell, Australia	15	
CGM		G. Crossley, Australia	229		FGI		G. Favero, Italy	5	
CRR		R. Crumrine, NY	115		FNI	09	N. Felbaba, Ukraine	176	
CTI	03	T. Csorgei, Hungary	160		FMQ		M. Fiaschi, Italy	9	6
CSM		M. Csukas, Romania	1044	3	FRF	03	R. Fidrich, Hungary	178	
CKB		B. Cudnik, TX	827	10	FMP		M. Fikes, VA	4	
CNG		M. Cunningham, MO	4		FSJ	01	J. Fis, France	60	
DSG	18	S. Dallaporta, Italy	58		FGU	02	G. Flechsig, Germany	133	
DAM	06	A. Darriba Martinez, Spain	141	95	FMU	15	M. Flores, Spain	92	
DMP		M. Dasgupta, India	7		FLE		L. Florin, Romania	63	
DRB		R. Davidson, NV	11	1	FSE	18	S. Foglia, Italy	491	
DJS		J. Day, England	87		FFC	03	F. Foldesi, Hungary	12	
DJT	05	S. De Jonge, Belgium	60	1	FJD		J. Foley, WI	16	
DSJ	13	J. De Souza Aguiar, Brazil	5		FJT	01	J. Fontalba, France	24	1
DVI	10	F. De Villiers, South Africa	20		FXJ		J. Fox, MN	378	2
DBQ	05	B. Declercq, Belgium	2		FML	04	C. Fridlund, Netherlands	51	
DVA		D. Del Valle, PR	187		FAA	18	A. Frosina, Italy	13	
DFR		F. Dempsey, Canada	72		FMG		G. Fugman, NE	85	7
DAY	09	A. Deputatov, Ukraine	121		GHT	27	G. Gaherty, Canada	29	
DEK	05	K. Dequick, Belgium	6		GMO		M. Gainer, PA	25	
DAA	03	A. Derekas, Hungary	2		GTN		T. Gandet, AZ	150	31
DNO		O. Deren, Poland	20		GAJ	12	J. Garcia, Argentina	31	
DAC		A. Deshmukh, India	2		GTY	09	T. Garkusha, Ukraine	3	
DHN	02	H. Diederich, Germany	32	6	GBL		B. Gary, CA	77	34
DPA	05	A. Diepvens, Belgium	4968	285	GJN	02	J. Gensler, Germany	2	
DRG		R. Diethelm, Switzerland	1349	1078	GCP	02	C. Gerber, Germany	1431	
DAP	07	A. Diez Gago, Spain	24		GHS		H. Gerner, WI	24	
DJL	02	J. Dighaye, Germany	2	2	GSR		R. Geschwind, OH	535	5

Table 3. AAVSO Observers, 2001–2002, cont.

Code	*Org.*	*Name*	*No. Obs.*	*No. I.S.*
GSU		S. Ghosh, India	5	
GAO		A. Giambersio, Italy	136	
GGU	04	G. Gilein, Netherlands	1293	20
GAM		A. Gilmore, New Zealand	1	1
GVN		V. Giovannone, NY	24	
GMY		M. Glennon, Ireland	236	
GLG		G. Gliba, MD	15	1
GFB		W. Goff, CA	159	98
GHA	02	H. Goldhahn, Germany	669	
GSH	09	A. Golovin, Ukraine	44	
GOT	01	T. Gomez, India	23	
GMX	09	M. Goncharov, Ukraine	43	
X23		D. Governor, FL	12	
GJK		J. Goyette, Canada	109	
GKA		K. Graham, IL	857	255
GRL	08	B. Granslo, Norway	870	4
GMZ		M. Graziani, Italy	1	
GRW		D. Green, MA	1	
GSM		S. Greene, MI	28	14
GRI		J. Griese, CT	39	21
GVD	16	V. Grigorenko, Russia	431	2
GBI		B. Grim, UT	35	
GCT	11	C. Grunnet, Denmark	4	
GCR		C. Grunwald, Germany	2	
GCO		C. Gualdoni, Italy	538	130
GMU		M. Gundy, GA	15	4
GUN	01	J. Gunther, France	3433	685
GYA	03	L. Gyarmati, Hungary	9	
HCS	03	C. Hadhazi, Hungary	1743	1
HTY		T. Hager, CT	8	1
HK		E. Halbach, CO	1277	15
HMG	03	G. Halmi, Hungary	83	
HDW		D. Hamilton, NE	3	
HP		W. Hampton, CT	130	
HDX		D. Hands, NC	272	
HMI		M. Hankins, CO	3	
HAN		J. Hannon, CT	2	
HAV		R. Harvan, MD	476	4
HBL	02	B. Hassforther, Germany	1481	
HAI		A. Hastings, MA	84	
HSB	02	W. Hasubick, Germany	10	
HRK		R. Hauk, OR	7	
HHU	05	H. Hautecler, Belgium	4392	197
HKY	27	K. Hay, Canada	3	
HAB		R. Hays, IL	1366	
HMH		M. Heald, AP (military)	6	
HKN		K. Hedrick, WV	21	1
HLS	08	L. Heen, Norway	41	
HZS	03	Z. Heiner, Hungary	10	
HQA		A. Henden, AZ	101	23
HEN		C. Henshaw, England	161	
HJN	10	J. Hers, South Africa	166	30
HES		C. Hesseltine, WI	1399	1
HCB		B. Hesson-Chandler, TN	2	
HEV	03	Z. Hevesi, Hungary	22	
HDJ		D. Higgins, Australia	12	1
HRI		R. Hill, AZ	889	
HIM		W. Hill, MA	30	
HED		D. Himes, OH	396	17
HIR		Y. Hirasawa, Japan	1283	51
HJS		J. Hissong, OH	6	
HTA		T. Hoare, England	180	
HFL	13	F. Hodar Luengo, Brazil	24	
HJX	13	J. Hodar Munoz, Brazil	83	
HWD		W. Hodgson, Australia	164	
HOU01*		V. Hoette, WI	11	
HDF		D. Hohman, NY	9	3
HBA	02	A. Holbe, Germany	880	
HZJ		J. Holtz, PA	432	4
HOA		A. Howell, FL	5505	
HSC		C. Huddleston, OR	13	
HDU		D. Hurdis, RI	120	53
HUR	20	G. Hurst, England	1756	279
HUZ		R. Huziak, Canada	5032	321
HHT		H. Hyvonen, Finland	343	
ILE	03	E. Illes, Hungary	61	
IPA	12	P. Ingrassia, Argentina	220	
IVM	16	V. Ivanov, Russia	33	
JTP	01	P. Jacquet, France	153	8
JM		R. James, NM	4422	1771
JSC		S. Jamieson, WI	156	
JEA		A. Jenkins, SC	11	3
JSI		S. Jenner, England	5	
JKK	08	K. Jensen, Norway	135	
JGE	06	G. Jiminez, Spain	6	1
JOG		G. Johnson, MD	171	
JRA		R. Johnson, MN	67	
JON	05	K. Jonckheere, Belgium	19	
JCN		C. Jones, England	3303	2260
JSH		S. Jones, MA	6	
JA	14	A. Jones, New Zealand	4834	1
JRW	10	R. Jones, South Africa	633	
JRC	15	R. Josa, Spain	14	
KEF		E. Kahler, NJ	2	
KDA		D. Kaiser, IN	3	
KB		W. Kaminski, NM	180	62
KAM	02	A. Kammerer, Germany	23	
KYG	09	Y. Karoatsky, Ukraine	32	
KKI		K. Kasai, Switzerland	179	
KAZ	03	A. Kaszt, Hungary	2	
KTI	03	T. Katonka, Hungary	171	
KMQ	06	M. Kearns, Spain	4	
KKL	27	K. Kell, Canada	2	
KIV	03	I. Kelley, Hungary	68	
X25		K. Kepley, MH	11	
KZX	03	Z. Kereszty, Hungary	7	3
KDB		D. Kerrigan, England	9	
KSZ	03	S. Keszthelyi, Hungary	376	
X26		I. Kim, HI	7	
KRB		R. King, MN	716	173

Table 3. AAVSO Observers, 2001–2002, cont.

Code	Org.	Name	No. Obs.	No. I.S.	Code	Org.	Name	No. Obs.	No. I.S.
KDX		D. Kingsley, CA	9		LJQ		J. Linnolt, NY	1	
KTO	17	T. Kinnunen, Finland	4771	3681	LSM		S. Linscott, TX	1	
KAQ	03	A. Kiss, Hungary	288		LLZ	03	L. Liziczai, Hungary	271	
KIL	03	L. Kiss, Hungary	388		X27		D. Lombardi, TN	11	
KMM	09	M. Kititsa, Ukraine	2213		LEQ		E. Lopata, CA	9	
KDM		D. Klinglesmith, NM	107		LRD		D. Loring, KS	433	
KON	11	O. Klinting, Denmark	3		LEJ		E. Los, NH	19	
KKR		K. Kloskowski, Poland	11		LRG	07	R. Losada Menendez, Spain	2	
KPL		P. Kneipp, LA	17		LTB		T. Lubbers, MN	354	
KSP		S. Knight, ME	36	2	LBG		G. Lubcke, WI	4775	
KGT		G. Knight, ME	42		LKA		K. Luedeke, NM	657	
KS		J. Knowles, RI	319		LAK	03	A. Lukacs, Hungary	1	
KOC	03	A. Kocsis, Hungary	16		LHU	10	H. Lund, South Africa	38	11
KHL		M. Kohl, Switzerland	519		LMJ		M. Luostarinen, Finland	93	
KVD		V. Kolbas, Croatia	2		LLC		L. Lyons, England	52	
KHJ		H. Koller, Canada	9		MDW		W. MacDonald, Canada	115	81
KSV		S. Kolman, Australia	4		MAU		A. Maciolek, MI	1	
KRS		R. Kolman, IL	4363	304	MVL	09	V. Maidyk, Ukraine	43	
KMA		M. Komorous, Canada	2628	99	MFA	09	A.A.Maidyk, Ukraine	155	
KMP		M. Koppelman, MN	2522	19	MQA	09	A.S.Maidyk, Ukraine	867	
KGG		G. Koralewski, Poland	218	4	MQN	09	N. Maidyk, Ukraine	179	
KOS		A. Kosa-Kiss, Romania	3273		MHE	02	H. Maier, Germany	12	1
KVI	03	I. Kovacs, Hungary	381	15	MZG	02	G. Maintz, Germany	106	1
KFK		F. Krafka, TX	74		MLI		L. Maisler, NY	253	8
KSW		S. Krasnicki, Poland	218		MVO		V. Makela, Finland	61	
KAW	02	A. Krawietz, Germany	33		MNV	09	N. Maksimenko, Ukraine	214	
KKE		K. Kreutzer, KY	47		MTF		T. Mangelsdorf, WI	8	
KWO	02	W. Kriebel, Germany	2351	267	MNQ		A. Manna, Switzerland	37	
KIS	02	G. Krisch, Germany	1558	36	MKG		A. Manske, WI	7	
KRK		K. Krisciunas, AZ	9	9	MKE		R. Manske, WI	457	
KTV	16	T. Kryachko, Russia	4		MJZ	01	J. Manzorro, Spain	193	
KTZ		T. Krzyt, Poland	1144	6	MMV	09	M. Marichev, Ukraine	62	
KUC	01	S. Kuchto, France	9		MKW		A. Markiewicz, Poland	858	
KPG	04	G. Kuipers, Netherlands	3		MMN		M. Martignoni, Italy	22	
KBO		R. Kuplin, AZ	58		MYC		C. Martin, NE	35	
KMI	16	M. Kuzmin, Russia	336		MQJ		J. Martins, Portugal	53	
LCR	15	C. Labordena, Spain	145	2	MRX	02	H. Marx, Germany	1186	129
LDT	03	T. Ladanyi, Hungary	1		MN		H. Mason, CA	135	
LAL		A. Landolt, LA	6	4	MAV	16	D. Matsnev, Russia	119	
LTO	02	T. Lange, Germany	2403		X28		S. Matsumoto, HI	16	
LMF	13	M. Lara, Brazil	18		MTT		J. Mattei, MA	1	
LZT		T. Lazuka, IL	1323		MTM		M. Mattei, MA	2	
LEB	01	R. Lebert, France	251		MPR	02	P. Maurer, Germany	271	1
LMT		M. Legutko, Poland	227		MGE		G. Mavrofridis, Greece	492	
LAE		A. Leighton, England	3		MJW		J. Mayer, PA	213	7
LNZ		G. Lenz, CT	301		MAZ		M. Mazurek, CA	4	
LJL		J. Leonard, IL	37		MGU		T. McCague, IL	55	
LNL		N. Lerner, CA	11		MCX	10	A. McCrae, Scotland	101	14
LGE	01	G. Letellier, France	109		MDK		K. McDonald, OH	1	
LEV		A. Leveque, CA	142		MDP		P. McDonald, Canada	346	22
LVY		D. Levy, AZ	87	58	MGH		H. McGee, England	3471	1048
LIW		W. Liller, Chile	14		MCI		B. McInnerny, England	43	
LCI		C. Limbach, WI	1		MKJ		J. McKenna, NJ	317	5
LAI		A. Ling, Canada	938	103	MPL		P. McLelland, England	15	
LMK		M. Linnolt, HI	1504	703	MSD		D. Means, AZ	1	

Table 3. AAVSO Observers, 2001–2002, cont.

Code	Org.	Name	No. Obs.	No. I.S.	Code	Org.	Name	No. Obs.	No. I.S.
MED		K. Medway, England	1576		OV		E. Oravec, NY	1816	
MGQ		G. Menali, MA	8		OSW		W. Osborn, MI	15	
MHI		H. Menali, MA	309		OJR	06	J. Osorio, Spain	3552	1202
MDJ		D. Mendicini, Argentina	5		OPR		P. Ossowski, Poland	16	
MHY	12	H. Mendt, Venezuela	6		OSE	12	S. Otero, Argentina	2	
MPN	05	P. Mergan, Belgium	5		OJE		J. Oti Gonzalez, Spain	15	
MWR		R. Merriman, AZ	2		OJJ		J. Ott, CO	4	
MMY	02	M. Meyer, Germany	6		OJS		J. Ott, KY	114	
MTK		T. Michalik, VA	602	113	OCR	05	C. Otten, Belgium	797	
LMS		L. Michalis, Greece	826		ORE		R. Otto, NH	50	
MOK	08	O. Midtskogen, Norway	1004	97	OWH		W. Overton, OK	17	
MKD	27	K. Millyard, Canada	23	12	PLA	13	A. Padilla Filho, Brazil	3	
MTP	03	T. Miltner, Hungary	1		PSE		S. Palmer, TX	16	1
MKO	09	A. Mironenko, Ukraine	76		PPC	03	P. Papics, Hungary	62	
MHV	09	H. Miroshnichenko, Ukraine	106		PPS	03	S. Papp, Hungary	2208	113
MZS	03	A. Mizser, Hungary	1400	13	PLI	01	L. Parmeggiani, France	5	
MCE		E. Mochizuki, Japan	20		PTQ		T. Parson, MN	11	10
MRV		R. Modic, OH	773	266	PKV		K. Paxson, TX	136	
MOL		J. Molnar, VA	1967		PEX	14	A. Pearce, Australia	283	93
MIX	09	I. Molod, Ukraine	28		PN		A. Pearlmutter, MA	25	
MMW		M. Momose, Japan	437		PTI		N. Peattie, CA	80	
MLF	10	B. Monard, South Africa	1997	1139	PEI	11	E. Pedersen, Denmark	245	2
MOI	01	E. Morillon, France	1674	6	PJB		J. Peggy, VA	1	
MXA	09	O. Mormyl, Ukraine	720		PEG	01	C. Peguet, France	25	
MVR	09	V. Mormyl, Ukraine	3131		PWD		W. Pellerin, TX	7	
MOW		W. Morrison, Canada	5167	292	PIV		I. Peretto, Italy	46	1
MDA		A. Morton, WA	49	2	PLV	05	L. Persoons, Belgium	4	
MMP	10	J. Mostert, South Africa	21		PJT	27	J. Petriew, Canada	3	
MHR	13	R. Mota das Chagas, Brazil	15		PVA	27	V. Petriew, Canada	269	56
MMH		M. Muciek, Poland	132		PFA		J. Pfannerstill, WI	1	
MKH		S. Mukherjee, India	286		PMH		M. Phelps, MA	3	
MLY		R. Muller, CA	9		PRP		R. Pickard, Australia	12	
MLU	14	L. Munford, New Zealand	4		PKI		O. Piechowski, KY	2	
MUY	05	E. Muyllaert, Belgium	6865	2908	PGU	18	G. Pinazzi, Italy	49	
NEV	03	E. Nagy, Hungary	4		PHT		H. Pinkston, VA	2	
NAT		A. Naik, India	22		PIJ	03	J. Piriti, Hungary	2	
X29		K. Nakamura, HI	16		PPL		P. Plante, OH	215	
NDA		D. Nance, AL	251		PJP	10	J. Plomp, South Africa	85	
NDD		D. Nash, CO	168	4	PAW		A. Plummer, Australia	153	
NEI		E. Neata, Romania	4		AST	12	R. Podesta, Argentina	54	
NLX	14	P. Nelson, Australia	1231	245	PRX		R. Poklar, WI	3	
NGN		G. Neue, Germany	1		PRS		R. Poleski, Poland	74	
NJO	02	J. Neumann, Germany	1126		PMO	10	M. Poll, South Africa	115	
NMI		M. Nicholas, AZ	479	54	PWR		R. Powaski, OH	18	
NFD	04	F. Nieuwenhout, Netherlands	141	3	POX		M. Poxon, England	333	85
NAW	05	A. Nieuwlandt, Belgium	57		PWN		W. Poyatos, Spain	95	
NHK	17	H. Nylander, Finland	219	5	PYG		G. Poyner, England	8084	5796
OCN		S. O'Connor, Canada	138	25	PGX	18	G. Pozzi, Italy	3	
OFA		A. O'Fearghail, Ireland	267	183	PDO		D. Pray, RI	50	7
ONJ		J. O'Neill, Ireland	70		PAH		A. Price, MA	155	34
OFR	06	F. Ocana, Spain	3		PGB		G. Profita, Italy	11	
OAR		A. Oksanen, Finland	3945	2631	PRQ		R. Pruitt, MI	10	
OJO	11	J. Olesen, Denmark	109		PUJ	06	F. Pujol, Spain	595	139
OHJ	03	H. Olle, Hungary	4		PCH		C. Pullen, CA	65	11
ODG		D. Ondich, MN	110		PFR	03	F. Puskas, Hungary	1121	

Table 3. AAVSO Observers, 2001–2002, cont.

Code	Org.	Name	No. Obs.	No. I.S.	Code	Org.	Name	No. Obs.	No. I.S.
PMK		M. Pust, Slovenia	12		SVA		A. Saw, Australia	966	6
QW	02	W. Quester, Germany	20	15	SXK	02	M. Schabacher, Germany	124	1
QFI	05	F. Questier, Belgium	11		SDY	02	D. Scharnhorst, Germany	35	27
QPF		P. Quinn, WI	10		SFK		F. Scheder, MD	417	163
QFP	12	F. Quintao, Brazil	3		SXT		T. Schieding, MA	19	
RKE	02	K. Raetz, Germany	315		SFS		S. Schiff, VA	87	4
RCH	01	C. Ramillon, France	102		SPK		P. Schmeer, Germany	39	
RBK		B. Ramotowski, TX	6		SHV	03	A. Schmidt, Hungary	176	10
RZS	03	Z. Reiczigel, Hungary	204		SBK		K. Schmidt, KY	16	
REP	24	P. Reinhard, Austria	336	1	SQR		R. Schmude, GA	3	
RFP	13	P. Reis-Fernandes, Brazil	18		SUF		C. Schneider, CA	27	
RMQ		M. Reszelski, Poland	6489	2907	SQE		R. Schoenstene, IL	1579	
RSA		S. Revets, Belgium	82		SAQ	04	A. Scholten, Netherlands	50	
RGF	12	G. Rey, Argentina	1		SHX	02	H. Schubert, Germany	16	
RNA	03	N. Rezsabek, Hungary	31		SCZ	01	E. Schweitzer, France	708	1
RJG		J. Ribeiro, Portugal	232		SBQ		B. Scott, MI	117	1
RMP		M. Ricard, Canada	139	1	SCE		C. Scovil, CT	135	79
RPC		P. Richard, Canada	14		SIB		A. Serio, NY	2	
RIX	14	T. Richards, Australia	6300	496	SDF		D. Shackleford, CA	176	
RHL	02	H. Richter, Germany	17		SHS		S. Sharpe, ME	2841	53
RPB		P. Richwine, KS	48		SDP		D. Sharples, NY	9	
RQ		C. Ricker, MI	21		SSA		A. Sharpless, WA	86	
RRZ	03	R. Ricza, Hungary	661		SVV		V. Shchukin, Russia	679	
RVM	06	M. Rigo Vidal, Spain	97		SHW		W. Sherman, TX	173	
RDB		D. Roberts, IL	5		SHB		C. Sherrod, AR	16	
RCW		C. Robertson, KS	5442		SSV		S. Shervais, WA	14	
RSE		S. Robinson, MD	273	213	SQH	13	R. Shida, Brazil	386	
RAX	15	A. Roca, Spain	97		SGQ		C. Sigismondi, Italy	6	
RMU	07	M. Rodriguez Marco, Spain	80		SNE		N. Simmons, WI	518	
RZD	06	D. Rodriguez, Spain	73	26	SXN		M. Simonsen, MI	10844	6507
RJA	01	J. Rohart, France	387		SBI	03	B. Sipocz, Hungary	15	
RCX		C. Rose, MS	14	9	SIX		M. Siwak, Poland	42	
ROG		G. Ross, MI	123	61	SLQ		L. Smelcer, Czech Republic	4010	5
RMH	05	M. Rosseel, Belgium	6		SJX	10	J. Smit, South Africa	1615	
RMF		M. Rossetti, OH	3		SJE		J. Smith, CA	183	
RGN		G. Rossi, Italy	97		SMI		A. Smith, England	3	3
RR		R. Royer, CA	75	27	SUI		R. Smith, England	110	
RGY		G. Rubright, PA	36		SHA		H. Smith, MI	112	25
RJV	07	J. Ruiz Fernandez, Spain	124		SYE		E. Smith, OK	1	
RPH		H. Rumball-Petre, CA	18		SKA	16	K. Sokolovsky, Russia	297	
RDV		D. Ryle, TX	17		SBX		A. Sonka, Romania	2911	
SOC		R. Sager, NY	7		X18		C. Soram, FM	11	
SQV	06	J. Sainz Benito, Spain	18		SXO	16	P. Sorokin, Russia	62	
SJQ		A. Sajtz, Romania	1345		SOW		J. Sorvari, Finland	59	
SSU		S. Sakuma, Japan	1336	97	SJZ		J. Speil, Poland	2111	4
SVP	15	V. Sallares Pujol, Spain	126	1	SPO	08	J. Spongsveen, Norway	14	
SFV		F. Salvaggio, Italy	24		SXR	03	M. Sragner, Hungary	6	
SQL	12	R. Salvo, Uruguay	33		SBL	05	B. Staels, Belgium	7	
SAH		G. Samolyk, WI	13033		SBH		B. Standifer, TN	23	
SYZ		C. Sanchez, Spain	158	118	SDB		D. Starkey, IN	5470	2476
SNN		J. Sanford, CA	79	56	SKS		T. Steckner, Canada	4	
STC		G. Santacana, PR	30		STF		G. Stefanopoulos, Greece	96	
SKI	03	K. Sarneczky, Hungary	99	5	STI		P. Steffey, FL	950	3
SGE		G. Sarty, Canada	333		SAA		A. Stephan, FL	5	
SSQ		R. Sass, NM	232		SET		C. Stephan, FL	1883	21

Table 3. AAVSO Observers, 2001–2002, cont.

Code	Org.	Name	No. Obs.	No. I.S.	Code	Org.	Name	No. Obs.	No. I.S.
SFN		J. Stephens, AZ	3		VDE	04	E. Van Dijk, Netherlands	297	21
SWT		R. Stewart, PA	7	6	VNL	05	F. Van Loo, Belgium	1648	23
SRB		R. Stine, CA	1323	145	VPJ		J. Van Poucker, MI	258	29
STQ		N. Stoikidis, Greece	337		VSD	05	D. Vansteelant, Belgium	74	
SDI		D. Storey, England	147		VWA		A. Van Werven, FL	58	2
SHZ	02	H. Struever, Germany	99		VED	01	P. Vedrenne, France	5671	
SRX	14	R. Stubbings, Australia	10381	6841	VKR	09	K. Velikazova, Ukraine	65	
SUK		M. Stuka, CA	19		VET	01	M. Verdenet, France	2254	1235
SAC	02	A. Sturm, Germany	130		VII	03	I. Vincze, Hungary	7	
SUQ		A. Sucker, Germany	26	7	VJA	17	J. Virtanen, Finland	436	74
SUS		D. Suessmann, Germany	1473		VGK		G. Vithoulkas, Greece	858	
SUH		M. Suhovecky, OH	46		VFK	02	F. Vohla, Germany	5283	
SQC		C. Suslavage, CA	7		VOL		W. Vollmann, Austria	123	12
SQD	09	D. Svechkarev, Ukraine	1		VOX	09	O. Voloshun, Ukraine	53	
SWV		D. Swann, TX	461		VSV	09	S. Volvach, Ukraine	14	
SSW		S. Swierczynski, Poland	2451		VYV	09	Y. Vovk, Ukraine	36	
SDX		D. Sworin, CA	9	4	WGR		G. Walker, MA	789	441
SGO	03	G. Szabo, Hungary	89	2	WND	01	D. Wallian, France	2	
SOZ	03	L. Szantho, Hungary	10	4	WSM	10	S. Walsh, Zimbabwe	154	13
SIK		K. Szaruga, Poland	6		WJX		J. Wan, Australia	20	
SAO	03	A. Szauer, Hungary	73		WER		R. Weber, KS	10	
SXI		M. Szpir, NC	56		WPT	10	P. Wedepohl, South Africa	385	
TDB		D. Taylor, Canada	2095	1169	WEI		D. Weier, WI	1288	240
TJV	01	J. Temprano, Spain	130		WC		R. Wend, IL	346	
TDE		D. Teske, MI	2		WWO	02	W. Wenzel, Germany	41	
TTU		T. Tezel, Turkey	4		WJD		D. West, KS	1178	110
TGG		W. Thomas, CA	256	84	WEF		F. West, PA	1324	
TAS		A. Thomas, WA	20		WDT		D. Wetherington, FL	9	
THR		R. Thompson, Canada	853		WAH		A. Whiting, AZ	96	
THU	01	B. Thouet, France	207		WPK		P. Wiggins, UT	70	
TKK	17	K. Tikkanen, Finland	113		WPX	14	P. Williams, Australia	6958	865
TPE	17	P. Tikkanen, Finland	395	138	WJL		J. Williams, CA	22	7
TIA	03	A. Timar, Hungary	119		WI		D. Williams, IN	954	
UMB01*		E. Tittley, MD	5		WRX		R. Williams, MI	88	29
TAE	08	A. Tjolsen, Norway	2		WLP	05	P. Wils, Belgium	121	
TRL		R. Togni, AR	60		WWJ		W. Wilson, England	884	6
TQA		A. Tolea, MD	10	2	WSN		T. Wilson, WV	682	179
TVG	12	V. Tombotto, Argentina	45		WKM		M. Wiskirken, WA	9	
TOZ	03	Z. Toth, Hungary	11		WUL	02	U. Witt, Germany	39	
TTK	03	K. Toth, Hungary	15		WRZ		R. Wlodarczyk, Poland	289	
TSC		S. Tracy, CT	1263	647	WJC		J. Wojcik, NY	53	6
TRF		C. Trefzger, Switzerland	174	87	WSV		S. Wolfe, OH	567	
TDW		D. Trowbridge, WA	4		WBT		R. Wolpert, NJ	3	
TJC		J. Truax, MI	15		WJM		J. Wood, CA	12	
TRX		R. Truta, Romania	3		WPF		P. Wright, MN	159	3
TJA		J. Tubb, Canada	1		X30		S. Yamada, HI	11	
TUC	10	C. Turk, South Africa	94		YRK		D. York, MA	121	
TVA	09	V. Turzsev, Ukraine	60		YKA		K. Young, CA	6	1
TYS		R. Tyson, NY	355		YSD		S. Young, MA	1	
UAN	03	A. Uhrin, Hungary	25		ZAG	03	G. Zajacz, Hungary	5	
VFR	01	F. Vaclic, Czech Republic	86		ZAM	18	M. Zanotta, Italy	9	
VLN	01	L. Vadrot, France	49		ZFL		F. Zattera, Italy	3	1
BVE	04	E. Van Ballegoij, Netherlands	1348	58	ZWD		W. Zeilstra, IA	19	
VBR		H. Van Bemmel, Canada	29	2	ZPA		P. Zeller, IN	70	
VDL	05	J. Van der Looy, Belgium	4393		ZJV	09	J. Zhiznevskaya, Ukraine	83	

Table 3. AAVSO Observers, 2001–2002, cont.

Code	Org.	Name	No. Obs.	No. I.S.	Code	Org.	Name	No. Obs.	No. I.S.
ZOX	09	O. Zholob, Ukraine	37		ZRE		R. Zissell, MA	1411	578
ZXI		X. Zhu, PA	5		ZYI	09	Y. Zsyku, Ukraine	28	

* Observer initials HOU01 and UMB01 are correct.

These codes, which appear in Table 3 (AAVSO Observers 2001–2002), 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)
16	Association of Variable Star Observers "Pleione" (Russia)
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)
12	Liga Ibero-Americana de Astronomia (South America)
06	Madrid Astronomical Association M1 (Spain)
03	Magyar Csillagàszati Egyesület, Valtozócsillag Szakcsoport (Hungary)
04	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
17	URSA Astronomical Association, Variable Star Section (Finland)
09	Ukraine Astronomical Group, Variable Star Section
18	Unione Astrofili Italiani (Italy)
05	Vereniging Voor Sterrenkunde, Werkgroep Veranderlijke Sterren (Belgium)

Table 4. Observation statistics for fiscal year 2001–2002 (see Figures 5, 6, and 7).

Observations (increments of 1000)	*No. Observations per increment*	*% of All Observations*	*No. Observers per increment*
1–999	86838	21%	677
1000–1999	67334	17%	47
2000–2999	34502	9%	14
3000–3999	27386	7%	8
4000–4999	50000	12%	11
5000–5999	43203	11%	8
6000–6999	26612	7%	4
7000–7999	0	0%	0
8000–8999	8084	2%	1
9000–9999	9927	2%	1
10000+	51802	13%	4

Table 5. Individuals requesting AAVSO data during fiscal year 2001–2002.*

Name		Affiliation/Location
M.	Abdel-Sabour	Helwan, Cairo, Egypt
W.	Amarasiri	Galle, Sri Lanka
A.	Amorim	Florianopolis, Brazil
K.	Anderson	St. Charles, IL
R.	Apanavicinus	Vilnius, Lithuania
J.	Asmonas	Kaunas, Lithuania
B.	Aurimas	Vilnius, Lithuania
M.	Bakich	El Paso, TX
R.	Balcevicius	Vilnius, Lithuania
O.	Barak	Givataim, Israel
L.	Baranauskas	Vilnius, Lithuania
A.	Baransky (4)	Astronomical Observatory of Kiev, Ukraine
L.	Barford	Palo Alto, CA
E.	Barrera	La Laguna, Spain
D.	Baskill (7)	X-ray Astronomy Group, University of Leicester, England
V.	Bastys	Vilnius, Lituania
T.	Bedding (9)	School of Physics, University of Sydney, Australia
V.	Belokurov (54)	Dept. of Theoretical Physics, Oxford University, England
L.	Berdnikov (15)	Sternberg Astronomical Institute, Moscow, Russia
A.	Birenis	Vilnius, Lithuania
T.	Bloecker	Max-Planck-Institut für Radioastronomie, Bonn, Germany
L.	Boirin	European Space Agency/ESTEC, Noordwijk, The Netherlands
M.	Bora (2)	Physics Department, Gauhati University, India
M.	Bozoian	Lubec, ME
G.	Brammer	New York, NY
R.	Buchler (26)	University of Florida, Gainesville, FL
M.	Budenas	Vilnius, Lithuania
V.	Burnashev	Crimean Astrophysical Observatory, Nauchny , Ukraine
L.	Buzzi	Varese, Italy
J.	Byron (4)	Epping, NSW, Australia
S.	Cabanero	European Southern Observatory, Garching, Germany
S.	Caine	State University of New York, Buffalo, NY
D.	Camper (31)	Physics Dept., Eastern Tennessee State University, Johnson City, TN
P.	Candia	Cerro Tololo Interamerican Observatory, La Serena, Chile
A.	Chen (2)	Dept. of Physics, National Cheng Kung Univ., Tainan, Taiwan

**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 continued on following pages)

Table 5. Individuals requesting AAVSO data, 2001–2002, cont.

Name		Affiliation/Location
S.	Cheng (2)	Hong Kong, China
D.	Ciunyte (2)	Vilnius, Lithuania
S.	Clardy (2)	University of Arkansas, Little Rock, AR
G.	Clayton	Louisiana State University, Baton Rouge, LA
R.	Coccioli (2)	International Center for Relativistic Astrophysics, Rome, Italy
F.	Colomer (3)	Observatorio Astronomico Nacional, Alcala de Henares, Spain
A.	Connors	Wellesley College, Wellesley, MA
M.	Creech-Eakman	Jet Propulsion Laboratory, Pasadena, CA
G.	Dalla Via	G. V. Schiaparelli Astron. Soc., Induno Olona , Italy
F.	Dani	San Jose, CA
M.	Daunoraviciute	Vilnius, Lithuania
E.	Derman	Ankara University, Turkey
A.	Díez	San Fernando (Cádiz), Spain
S.	Doeleman (2)	Haystack Observatory, Massachusetts Institute of Technology, Westford, MA
J.	Drake	Iowa State University, Ames, IA
J.	Duarte	Pawtucket, RI
T.	Eenmäe	University of Tartu, Estonia
D.	Engels	Hamburger Sternwarte, Germany
G.	Favero	Padova, Italy
A.	Fenn	United Kingdom
S.	Foster	Milton Keynes, England
S.	French	
M.	Friedjung	Institute d' Astrophysique, Paris, France
B.	Gaensicke	University of Southampton, England
V.	Ganason	Arkansas
T.	Gandet	Lizard Hollow Observatory, Tucson, AZ
W.	Gebhardt	University of Regensburg, Germany
D.	Gecas	Vilnius, Lithuania
K.	Giga	Vilnius, Lithuania
D.	Gokce	Ege University, Izmir, Turkey
H.	Goldhahn	Lohmen, Germany
J.	Goyette	Montreal, Quebec, Canada
T.	Gráf	Observatory and Planetarium of J. Palisy, Ostrava, Czech Republic
I.	Graham	Dept of Physics, University of York, England
M.	Graziani	Fusignano, Italy
D.	Green (2)	Smithsonian Astrophysical Observatory, Cambridge, MA

(Table 5 continued on following pages)

Table 5. Individuals requesting AAVSO data, 2001–2002, cont.

Name		*Affiliation/Location*
R.	Griesemer	Davie, FL
I.	Grigaityte (3)	Vilnius, Lithuania
R.	Groslin	Hackensack, NJ
C.	Guzman	Austin, TX
F.	Hai	Nanjing University, China
P.	Harmanec	Astronomical Inst. of the Charles, Prague, Czech Republic
S.	Harmer	England
L.	Hartley	Imperial College, London, England
B.	Hassforther	Heidelberg, Germany
G.	Herreman	Berkeley, CA
M.	Houchins	East Tennesee State University, Johnson City, TN
D.	Igede	Bandung, Indonesia
P.	Janavicius (2)	Vilnius, Lithuania
J.	Janonis	Kowno, Zimbabwe
P.	Jevgenius	Vilnius University, Lithuania
N.	Jevtic	University of Connecticut, Storrs, CT
M.	Jolanta (5)	Vilnius, Lithuania
E.	Jordan	The Loomis Chaffee School, Windsor, CT
J.	Jose (3)	Institut d'Estudis Espacials de Catalunya, Spain
A.	Kahina-Sarah	University of California, Berkeley, CA
S.	Kalinauskas (3)	Vilnius, Lithuania
A.	Kammerer (2)	Ettlingen, Germany
J.	Kang (10)	Korea Astronomy Observatory, Taejeon, Korea
I.	Kantautaite	Vilnius, Lituania
M.	Karovska	Smithsonian Astrophysical Observatory, Cambridge, MA
S.	Kawaler (8)	Iowa State University, Ames, IA
S.	Kim	Seoul National University, Korea
S.	Kimeswenger (2)	University of Innsbruck, Austria
L.	Kirby	Las Vegas, NV
J.	Kirchner	University of California, Berkeley, CA
Z.	Kollath (3)	Konkoly Observatory, Budapest, Hungary
M.	Koppelman (4)	Golden Valley, MN
R.	Kukta	Vilnius, Lithuania
A.	Kulbickas	Vilnius, Lithuania
G.	Kunigeliene	Vilnius, Lithuania
R.	Lazauskaite (3)	Vilnius, Lithuania
T.	Lebzelter (2)	Institute for Astronomy, University of Vienna, Austria
M.	Littleton	Knoxville, TN
K.	Long (2)	Space Telescope Science Institute, Baltimore, MD
S.	Lulu	Vilnius, Lithuania

(Table 5 continued on following pages)

Table 5. Individuals requesting AAVSO data, 2001–2002, cont.

Name		*Affiliation/Location*
J.	Lyke (2)	University of Minnesota, Minneapolis, MN
L.	Lyons	University of Reading, England
R.	Maderak (4)	Iowa State University, Ames, IA
A.	Magalhaes	Universidade de Sao Paulo, Brazil
K.	Mäkinen	University of Turku, Piikkiö, Finland
A.	Makovska	Vilnius, Lithuania
T.	Mangelsdorf	Sun Prairie, WI
L.	Matos (3)	Universidade de Sao Paulo, Brazil
C.	Mauche (2)	Lawrence Livermore National Laboratory, Livermore, CA
S.	McArthur	Braintree, MA
K.	McGowan	Los Alamos National Laboratory, Los Alamos, NM
D.	McKinney	New Mexico Institute of Mining and Technology, Socorro, NM
A.	Menara	Carontea, Spain
P.	Merchán (5)	Universidad de Badajoz, Spain
L.	Miaja (31)	University of Colorado at Boulder, CO
M.	Miksys	Vilnius, Lithuania
S.	Mondal (3)	Physical Research Laboratory, Navrangpura, India
K.	Mortara	Vail, AZ
M.	Moser	Beaverton, OR
R.	Murciano-Goroff	Cambridge, MA
J.	Nestoras (2)	Larissa, Greece
M.	Nook	St. Cloud State University, MN
W.	Nowotny	University of Vienna, Austria
A.	Odell	Northern Arizona University, Flagstaff, AZ
J.	Opoku	Accra, Ghana
Y.	Ortigoza	Paraguay
T.	Ostrowski-Fukuda	University of Denver, CO
O.	Pejcha	Masaryk University, Brno, Czech Rep.
J.	Percy	Univ. of Toronto, Erindale Campus, Mississauga, Canada
R.	Perez	Los Angeles, CA
M.	Petraska	Varena, Lithuania
M.	Petrauskas	Vilnius, Lithuania
V.	Piktyte	Vilnius, Lithuania
S.	Pilling (41)	Observatorio Nacional, Rio de Janeiro, Brazil
A.	Plummer	Woodford, NSW, Australia
W.	Priedhorsky	Los Alamos National Laboratory, NM
A.	Ralys	Vilnius, Lithuania
A.	Ramdani	Mohamed First University, Oujda, Morocco

(Table 5 continued on following pages)

Table 5. Individuals requesting AAVSO data, 2001–2002, cont.

Name	*Affiliation/Location*
M. Ratner	Harvard-Smithsonian Center for Astrophysics, Cambridge, MA
T. Rauch (2)	University of Tuebingen, Germany
A. Raveendran (5)	Indian Institute of Astrophysics, Bangalore, India
T. Remigijus	Vilnius, Lithuania
G. Rey (3)	Buenos Aires, Argentina
L. Reynolds	University of Central Arkansas, Conway, AR
M. Ricard	Pointe-Claire, Quebec, Canada
W. Richter	Arkansas School for Mathematics and Sciences, Hot Springs, AR
C. Robertson	Boise, IA
D. Roth	*Parenting* magazine
D. Ryle	Wichita Falls, TX
L. Sabonyte	Vilnius, Lithuania
P. Sada	San Antonio, TX
A. Saw	Bowen Mountain, NSW, Australia
B. Schaefer	University of Texas, Austin, TX
G. Schwarz	Steward Observatory, University of Arizona, Tucson, AZ
L. Shanvic	Taipei, Taiwan
V. Shchukin	Stavropol, Russia
T. Shindo	Columbia, MO
R. Shorr	Sykesville, MD
S. Shugarov	Sternberg Astronomical Institute, Moscow, Russia
V. Sidorov	Vilnius, Lithuania
C. Sigismondi (2)	International Center for Relativistic Astrophysics, Rome, Italy
A. Simukovic	Vilnius, Lithuania
R. Sinnott (3)	*Sky & Telescope* magazine, Cambridge, MA
I. Sipaviciute	Vilnius, Lithuania
B. Smith	East Tennessee State University, Johnson City, TN
J. Sokoloski (2)	Harvard-Smithsonian Center for Astrophysics, Cambridge, MA
E. Stakauskaite	Vilnius, Lithuania
M. Stankevic (2)	Vilnius, Lithuania
S. Stewart	*Astronomical Almanac*, U.S. Naval Observatory, Washington, DC
M. Streikus	Druskininkai, Lithuania
A. Stuknys	Vilnius, Lithuania
H. Sung (6)	Seoul National University, Korea
D. Swann	Carrollton, TX

(Table 5 continued on following pages)

Table 5. Individuals requesting AAVSO data, 2001–2002, cont.

Name		*Affiliation/Location*
S.	Swierczynski (2)	Dobczyce, Poland
M.	Szymczak (4)	Nicolaus Copernicus University, Torun, Poland
M.	Tapia	Instituto de Astronomia, Universidad Nacional Autonoma de Mexico, Ensenada, Mexico
C.	Townes	Space Sciences Institute, University of California, Berkeley, CA
S.	Ushami	
M.	Vainauskas	Vilnius, Lithuania
G.	Vecchierelli (2)	Grassobbio, Italy
C.	Venturini (9)	Aerospace Corporation, Los Angeles, CA
R.	Venskutonis	Vilnius, Lithuania
N.	Viacheslavas	Vilnius, Lithuania
M.	Vincenzi	Rome, Italy
A.	Voropanovas	Vilnius, Lithuania
S.	Walker	Auckland, New Zealand
W.	Warkowski	Kerpen, Germany
R.	Wasatonic (2)	Villanova University, Villanova, PA
T.	Watanabe (2)	Fuzinomiya, Japan
D.	Weier	Madison, WI
D.	West	Mulvane, KS
M.	Willis	Sydney, Australia
L.	Winter (2)	Haystack Observatory, Massachusetts Institute of Technology, Westford, MA
C.	Wright	Winchester, MA
J.	Yates (4)	University of London College, England
S.	Yeh	Kenting Observatory, Taiwan
R.	Yudin	Pulkovo Observatory, St. Petersburg, Russia
C.	Zamberlan	University of Trieste, Italy
Z.	Zhang (4)	National Central University, Taoyuan, Taiwan
E.	Zillinsaks	Vilnius University, Lithuania
H.	Zirm (2)	Jena, Germany
L.	Zongyun	Nanjing University, China
I.	Zukauskaite	Vilnius, Lithuania