

34/86

ANNUAL REPORT OF THE DIRECTOR OF THE AAVSO  
FOR THE YEAR ENDING SEPTEMBER 30, 1965

I am very happy, as Director of the AAVSO, to present this my 16th Annual Report for the fiscal year 1964-65. The Association has continued to grow during the year, and again all records are broken in the number of observations received.

Many changes have taken place, chief of which is our move from 4 Brattle Street, to 187 Concord Avenue. As all of you know who visited our headquarters in Harvard Square, we were very overcrowded there, and each year's accumulation of records and books made us feel as though we were trying to push out the walls. And of course, to add to our troubles, the rent kept increasing. The situation came to a head on the first of June, when our landlord told us he would like to have us move out by fall. If we had asked to stay, I am sure the rent would have been nearly doubled, to bring it up to the current rate around the Square. I had a reservation for a July 27th sailing for Germany to attend the 3rd Bamberg Variable Star Conference, which posed a problem in timing our move. I decided I should start immediately to look for a new place, because I know the early fall is always very busy with preparation for our Annual Meeting. I almost became discouraged with rents 3 and 4 times as high for comparable space, or about the same for rooms in buildings which were fire hazards.

About the first of July I finally discovered 187 Concord Avenue which seemed to fit our requirements better than anything I had seen, but we had to decide immediately. With the help of our good Treasurer, we got a 3-year lease drawn up to begin 15 July. On 20 July, the movers arrived early in the morning, and by 2:30 that afternoon we were all moved in. The carpenters set up over 200 feet of wooden book shelves, and with the addition of about 150 feet of metal shelves, we had space for our library and storage materials.

I sailed as scheduled on July 27, and left the office with all furniture in place and the books unpacked and on the shelves. When I returned in mid-August, Florence and John Bibber had accomplished wonders with the files and books.

This forced but beneficial move should explain some of the delay in answering our correspondence, and in our publications.

SPECIAL REQUESTS. Astronomers continue to ask us for special information based on our observations, to help on various research projects.

Dr. Yoshio Fugita of the University of Tokyo, who asked for some predictions of maxima last year, wrote again with another list and told how gratified he was for the help we had given him.

Dr. L.B. Borst of the State University of N.Y. at Buffalo asked for help on a program for his students.

Dr. Winifred Cameron of the Goddard Space Flight Center asked for AAVSO volunteers with telescopes of 12" or larger to help on one of the Lunar projects.

Dr. Leander Fischer of Vienna wrote that he was making a study of Mira from the time of discovery to the present and would like dates of maxima and minima following the ones published in Harvard Annals 79. We sent him the dates and also a copy of the large blueprint light curve from 1859 to 1964 which I had published in Review of Popular Astronomy. Dr. Fischer was very pleased and said it was exactly what he needed.

Dr. William J. Luyten of the University of Minnesota asked for some identification charts of some southern U Geminorum variables.

Special predictions of dates of maxima and minima were made for the Handbook of the Royal Astronomical Society of Canada and for Sky & Telescope Magazine. They were also sent to the Swiss Astronomical Society for use in their handbook, to Trieste Observatory for their almanac, and to C.L. Johnson for his Celestial Calendar and Handbook.

The biggest project is one for Dr. Philip C. Keenan of the Perkins Observatory. He is preparing for publication a catalogue of spectral types of Mira variables and needed to know magnitudes and phases for the dates of the spectrograms. There were several hundred dates involved, and he agreed to pay the AAVSO for the time involved in getting the material.

Mrs. Terry Morris of New York wrote me that Redbook Magazine was sending her to Japan to write a story on the Japanese boy Kaoru Ikeya who has become famous for his comet discoveries. She had heard he was a member of the AAVSO and wondered if I could help her in any way. We gave her introductions to a number of our Japanese members, and all the information we had about the boy. Her story has appeared in the October number of Redbook Magazine and gives a very interesting picture of Ikeya. She wrote me that our help was invaluable to her. All of our members were most helpful and interesting people.

Incidentally, Dr. Honda asked her to bring back a 10.5cm mirror for me which he had ground and figured himself. The glass was given to him by Tatsuo Yamada, who salvaged it from a broken show window.

FINANCES. Our Grant from the Office of Naval Research for the determination of observed dates of maxima and minima of long period variables was renewed for one more year. It expires the first of November 1965, and cannot be renewed again.

As the Treasurer's Report shows, our Endowment Fund is growing very well, and some day we will be self-supporting but we are very much in need of funds for current operating expenses. We hope to be able to continue to add the income from the Endowment Fund to the Fund, and not draw from it unless it is absolutely necessary.

MEMBERSHIP. We elected 63 new annual members and one new life member at the Fall Meeting at Woods Hole, Massachusetts. In addition one annual member changed to sustaining membership. At the 1965 Spring Meeting in Toronto, Canada, we elected 51 new annual members, and were delighted to approve the change of 2 annual members to sustaining. We wish more annual members would give us the additional financial support, so we can keep our regular dues low.

SUBSCRIPTIONS TO PUBLICATIONS. Twenty-seven libraries and observatories subscribe to our publications, including the Mt. Wilson & Palomar Observatories who subscribe to our Special Services. In addition, we have a number who subscribe to one special publication, such as the Quarterly Reports, Annual Predictions, or Solar Bulletins.

REQUESTS FOR INFORMATION. During the year we received about 650 requests for information. Many were from children, some collecting information for school projects, but many others were from adults and students with telescopes who were seriously interested in variable star observing.

LIBRARY. Nearly 400 miscellaneous publications, reprints and books were added to the McAteer Library during the year. Many of the items were valuable modern reference works.

PUBLICATIONS. AAVSO Abstracts were published, following the Fall 1964 and Spring 1965 meetings. They contain papers presented at the 2 meetings.

Bulletin 28, containing Predictions of Dates of Maxima and Minima of Long Period Variables in 1965 was published in December.

We regret that no Quarterly Report was published during the year. Number 27 was nearly ready to go to the printer, when it was delayed by our forced move to a new office. Work has been done on No. 28, which will contain results of observations through November 1962. It is hoped that both of these Reports can be published during the next year.

Annual Reports of the Director, Treasurer, and the Endowment Fund were published in the fall. A membership list, list of officers, and Julian Day Calendar for 1965 were issued the first of the year. Book Reviews were printed in November and June.

Three numbers of a new publication, The AAVSO News Notes were issued. We have been lacking this personal touch with our members for some years, and were delighted when Carolyn Hurless agreed to take over the compilation of them. We hope that more of our members will write to Mrs. Hurless and give her news items.

Variable Star Notes, with a list of observers for the last 2 months, and the number of variables and total number of observations for each, has been printed in each issue of the Journal of the Royal Astronomical Society of Canada. The Review of Popular Astronomy has a regular column called The Director Reports. Each issue contains identification charts, a light curve, and a description of an interesting variable star, in addition to a list of observers with their totals for 2 months plus the number of Inner Sanctum observations for each observer.

Sky & Telescope Magazine prints the Monthly American Sunspot Numbers as determined by the AAVSO Solar Division, in addition to our predictions of dates at which bright long period variables are expected to reach maxima during the month.

ANNUAL SUMMARY OF OBSERVATIONS. Records were again broken in the number of observations received during the year 1964-65: 102,026 observations from 320 observers.

A total of 1,447 monthly reports was received, an average of 121 per month. 40 observers sent reports in regularly each month, 12 sent them 11 times and 10 sent them 10 times during the year.

66 observers from 21 foreign countries made 24,137 observations, or 24% of the total. 257 observers from 35 States contributed the other 76%.

The total number of observations received by the AAVSO up to 1 October 1965 is 2,271,621. It will not be very long before we can start looking for our 2<sup>1</sup>/<sub>2</sub> millionth observation. Our 2 millionth was one made of TX Ophiuchi by Leslie Peltier on 26 July, 1962.

Table I gives a list of countries with the number of observers and total of observations from each. Table II gives a breakdown for the 35 states. Ohio takes first

place this year, with California second, followed by New York and Illinois.

Table III lists all observers for the year 1964-65 in order of total number of observations. The letter S followed by a number indicates the number of Inner Sanctum (magnitude 13.8, 13.9, etc., and fainter than 14) observations.

For the first time in our records, a woman has taken first place in number of observations -- Carolyn Hurless, who started observing in 1959, made 5,580 observations during the year. Mario Vattuone, who started observing this year, took second place with 5,176; and Roger Kolman, who started in 1962, was in 3rd place with 5,151 observations. Reginald P. de Kock made 5,066 and Cyrus Fernald 4,952; and 3 more observers made over 3,000 each: Thomas Cragg, Curtis Anderson and Leslie Peltier; a splendid record for all. Fifteen observers made more than 2,000 observations each; 26 more than 1,000 each; and 43 more than 500 each. At the other end of the list, 89 observers made less than 10 observations each, but last year we had 102 with less than 10. We are always glad to get even a few observations, for they can be valuable ones, and many fill in gaps in our light curves.

TABLE I - COUNTRIES

<u>Country</u>	<u>No. Observers</u>	<u>Total Obs.</u>	<u>Country</u>	<u>No. Observers</u>	<u>Total Obs.</u>
Argentina	11	8815	Japan	2	2807
Australia	5	602	Mexico	1	443
Brazil	8	370	New Zealand	4	97
Canada	12	3455	Nigeria	1	55
Chile	7	410	Peru	1	3
England	1	245	Rhodesia	1	251
France	1	388	S. Africa	2	5174
Germany	3	168	Switzerland	1	672
Greece	1	101	Uruguay	1	2
Hong Kong	1	26	West Indies	1	12
Italy	1	41	U.S.A.	<u>257</u>	<u>77889</u>
			* Total	323	102,026

\* 1 Observer in Germany and Colorado.

TABLE II - UNITED STATES

Alabama	1	2	Maine	3	2214	Oklahoma	5	1467
California	26	9116	Maryland	1	12	Oregon	3	53
Colorado	3	256	Massachusetts	19	2531	Penn.	6	3317
Connecticut	8	3331	Michigan	6	1184	R.I.	2	388
Florida	7	4284	Minnesota	4	3418	Tennessee	1	25
Georgia	2	1088	Missouri	5	3030	Texas	1	129
Hawaii	1	2	Montana	3	1342	Utah	1	209
Illinois	23	7365	N. Hampshire	3	200	Virginia	3	1923
Indiana	3	43	New Jersey	9	2503	Washington	1	5
Iowa	1	987	New Mexico	3	3291	West Va.	2	591
Kansas	2	159	New York	36	7533	Wisconsin	11	324
Kentucky	13	1788	Ohio	39	13779			
						* Total	<u>257</u>	<u>77889</u>

\* 3 observers in 2 different places.

(1 Colorado and Germany, 1 Maine and Fla., 1 Mass. and N.Y.)

Seventy observers made 6,434 Inner Sanctum observations during the year. We are very pleased to see this number grow. Last year we had 52 observers with 4,170, and the year before, 40 observers with 2,832 IS's.

We had reports from 105 new observers this year, about half of them starting during the summer months. Many of them show great promise as future top observers.

TABLE III - AAVSO OBSERVERS  
1964 - 1965

1 Carolyn Hurless, Ohio	5580 S791	43 Claud Lacy, Oklahoma	511 S 24
2 Mario Vattuone, Argentina	5176	44 Juan C. Forte, Argentina	446
3 Roger S. Kolman, Illinois	5151 S388	45 Domingo Taboada R., Mexico	443
4 Reginald P. deKock, S. Africa	5066	PEP: 4 obs. Algol, 51 obs. R CMA	
5 Cyrus Fernald, Fla., Maine	4952	46 Raymond R. Thompson, Canada	431
6 Thomas A. Cragg, California	3310 S891	47 Allen C. Montague, Illinois	428
7 Curtis E. Anderson, Minn.	3045 S322	48 Alphonse Oberstatter, France	388 S 22
8 Leslie C. Peltier, Ohio	3022 S1426	49 Robert Choate, Ohio	387 S 14
9 John E. Bortle, New York	2823 S 3	50 Miguel Cerruti, Argentina	374
10 William I. Lowry, California	2750 S 91	51 Allen S. Heasley, Ohio	365 S 12
11 Clinton B. Ford, Conn.	2706 S666	52 G.L. Fortier, Canada	360
12 Etsuiku Mochizuki, Japan	2686	53 Bill Grady, W. Virginia	358
13 Robert M. Adams, Missouri	2677 S546	54 Edward Turco, R.I.	354
14 Robert Monske, Penn.	2218 S 52	55 Gary McGinnis, Minn.	350
15 Marvin E. Baldwin, N.M.	2068 S 14	56 Charles L. Fink, Penn.	338
16 Hugh N. Ross, Canada	1960	57 Harry V. Roberts, Illinois	315
plus 1 <sup>h</sup> 13 <sup>m</sup> V Sge; 16 <sup>m</sup> AD Leo		58 Francis P. Morgan, Canada	305
17 Edward G. Oravec, New York	1761	59 Albert P. Sharpless, Fla.	302 S 3
18 Diane Lucas, Ohio	1740 S264	60 James Thomas, Ohio	300 S 17
19 Kenneth J. Delano, Mass.	1644 S 1	61 Rodney A. Norden, Virginia	296
20 Paul Hartmann, Kentucky	1575	62 Edwin E. Friton, Missouri	293 S 1
21 Lancaster Hiatt, Virginia	1447	63 Harry L. Hughes, N.M.	286 S 13
22 Adolfo Lecuona, New Jersey	1301	64 William Weiner, Illinois	279
23 Eugene A. Powell, Georgia	1077	65 Terry Kesler, Ohio	275 S 7
24 R.F. Swanberg, Montana	1072 S218	66 Charles A. McPherson, Mont.	269
25 Ferdinand Hartmann, N.Y.	1048	67 Arthur Pearlmutter, N.Y., Mass	253
26 Miguel A.E. Barone, Arg.	1000	68 R.H. Bicknell, Rhodesia	251
27 Mike Murphy, Iowa	987 S 11	69 Robert T. Sheppard, Calif.	246
28 Danny Abdon, Ky., Colo. Calif.	955	70 G.O. Rawstron, England	245 S 1
29 Robert A. James, N.M.	937 S 2	71 Darrell Conger, W.Va.	233
30 Lawrence Hazel, New York	865 S 4	72 Joseph A. Anderer, Illinois	222
31 Hugo G. Marraco, Argentina	850	73 M. Lattey, Canada	222 S 3
32 Carlos L. Segers, Argentina	848	74 Walter S. Houston, Conn.	219
33 David W. Rosebrugh, Florida	818	75 A. Thomas Murphy, Calif.	217
34 Ida Horton, Oklahoma	784	76 Daniel P. Loring, Utah	209
35 C.J. Renner, Michigan	750 S 66	77 John Pazmino, New York	209
36 Kurt Locher, Switzerland	672 S 3	78 Larry Bornhurst, Calif.	208 S 67
37 Vicki Schmitz, Ohio	663 S 28	79 Ralph S. Bates, Mass.	201
38 David B. Williams, Illinois	644 S 48	80 Carmine Borzelli, N.J.	196
39 R.C. Shinkfield, Australia	594	81 Carl A. Anderson, N.H.	195
40 John J. Ruiz, Pennsylvania	593	82 Michael Sakarias, Calif.	194
PEP: BV 382, Algol		83 Hyman Roche, New York	192
41 Allen Stearns, New Jersey	561	84 David Brin, California	183 S 61
42 Ron Thomas, California	544 S253	85 William Werner, Ohio	182

86 John Wikswo, Virginia	180	137 Robert Lang, New York	64
87 Sheila V. Bishop, Conn.	179	138 David Kasper, N.J.	62
88 Arthur J. Stokes, Ohio	178 S 3	139 Glen Perry, Ohio	61 S 2
PEP: 170 obs. BV 382		140 Ronald Royer, California	61 S 1
89 Alan Mikel, New Jersey	175	141 Donald J. Hutter, Penn.	58
90 Stephen Forczyk, Mass.	171	142 William R. Sherman, Mo.	56
91 Jeremy Knowles, Colo., Germany	171	143 William H. Glenn, N.Y.	55
92 Charles L. Ricker, Michigan	158 S14	144 Howard Nightingale, Nigeria	55
93 David Florkowski, Michigan	157	145 Paul Schmitz, Ohio	55 S 3
94 Ronald Domen, Ohio	156 S 8	146 Richard E. Wend, Illinois	53
95 Tom Hering, Florida	153	147 DeLorne Diedrich, Ohio	52 S 1
96 Floyd L. Waters, Oklahoma	147	148 Ed Polson, Kansas	51
97 Richard A. Wohlever, Ohio	144 S 1	149 Theodore Szybowicz, Michigan	50 S 4
98 Pedro Santander E., Chile	138	150 Eduardo Cabello A., Chile	49
99 Jose Olivarez, Texas	129	151 Frank Bateson, N.Z.	48
100 Walter Zukauskas, Mass.	122	152 John T. Goodwin, Mass.	47
101 Akira Ohta, Japan	121	153 Elliot Lepler, N. Y.	47
102 James M. Whitehead, Ohio	121 S 8	154 Ed. A. Halbach, Wisconsin	46 S 5
103 Rodrigo de la Vega L., Chile	120	155 Betty Stephenson, Ohio	45
104 Paulo Mourilhe S., Brazil	118	156 Oliveiros C. Tavares, Brazil	45
105 Everett Z. Randall, Florida	113	157 John F. Hoynos, Ohio	44 S 3
106 Jim C. Nourse, Kansas	108	158 A.F. Jones, N.Z.	43
107 M.D. Overbeek, S. Africa	108 S 4	159 David G. Hughes, Mass.	42
108 Paul Ahnert, Germany	107 S 2	160 Testa Valerio, Italy	41
109 Donald Saccone, Mass.	107	161 Carlos E.A. Gondell, Arg.	39
110 Ralph N. Buckstaff, Wisconsin	106	162 Roy K. Ensign, California	37 S13
111 Keith Axelson, California	103	163 O.M. Erpenstein, California	37 S 1
plus 25 <sup>m</sup> AE Aqr; 25 <sup>m</sup> UV Cet		164 Dorothy I. Ross, Canada	36
112 Constantin Chassapis, Greece	101	165 A.J. Morehouse, Michigan	35
113 Walter R. Hampton, Conn.	96	166 George Gasparian, R.I.	34
114 William Mintel, New Jersey	96	167 Donald Rosenfield, Mich.	34
115 Maurice Wunderlich, Colorado	94 S 2	168 Leonard Kalish, Calif.	33
116 Frank J. Kelly, Florida	89	PEP: 8 Lib	
117 Celso de Carvalho, Brazil	88	169 Rainer Mende, Germany	33
118 Wayne M. Lowder, N.J., N.Y.	85 S 6	170 Alan Van Til, Indiana	33
119 Bruce E. Safriet, Kentucky	85	171 Florence Glenn, N. Y.	32
120 Raymond R. Dudley, Calif.	82 S 1	172 Michael R. Meiley, Penn.	31
121 Randolph Sheaff, Ohio	81	173 Ken Raymon, Ohio	31 S 1
122 D.J. Fitzgerald, Canada	79	174 Ray M. Smith, Illinois	31
123 Donald R. James, Penn.	79	175 James L. Bowden, Ohio	30 S 1
124 James E. Bowers, California	78	176 Richard Vodra, Ohio	29
125 Terry Dettmann, Wisconsin	75	177 John Baxter, Canada	28
126 Andy Howell, Germany	70	178 Edwin V. Bishop, Conn.	28
127 Janet M. Lang, Connecticut	70	179 Richard Gamble, Wisconsin	27
128 Donald C. Livingston, N.Y.	70	180 Guy J. Iannuzzi, Conn.	27
129 Wilson H. Baade, Brazil	69	181 Mauro Migon, Brazil	27
130 Robert C. Lozar, Illinois	67	182 Hing-chai Liu, Hong Kong	26
131 Doug Raver, Ohio	67 S 3	183 Clayton W. Nichols, N.Y.	26
132 Ernie Zander, Illinois	67	184 A. Richard Walter, N.J.	26
133 Juan Aguillon M., Chile	65	185 Justin T. Long, Tenn.	25
134 George Diedrich, Ohio	65 S 1	186 Dan Leithoff, Oregon	24
135 Margaret Olmsted, Maine	65	187 Barry Beaman, Illinois	23
136 Luis Gomez, Argentina	64	188 Robert Douglas, Ky.	23

189 Michael Johns, Ohio	23	243 Claude Carpenter, Calif.	6	S 4
190 Robert B. Johnston, Canada	22	244 Harry W. Drake, N. Y.	6	
191 Bill Murrell, Kentucky	22	245 Henry F. Janacek, Illinois	6	
192 Athos Robinson O., Chile	22	246 Luiz Muniz B., Brazil	6	
193 Ronald Dentinger, Wisconsin	21	247 Henry E.M. Specht, Conn.	6	
194 Robert Provin, California	21	248 William Abbey, Florida	5	
195 Walter L. Moore, Kentucky	20 S 3	249 Tim Hunter, Illinois	5	
196 Dave Rohlman, Kentucky	20	250 Joseph Kammel, N. Y.	5	
197 Richard Chadwick, Colorado	19	251 Margaret W. Mayall, Mass.	5	
198 Strathmore Cooke, Minn.	19 S 3	252 Jose A. Pardi, Argentina	5	
199 Ron Kaitchuck, Illinois	19	253 D.R. Potter, N.Z.	5	
200 Arnold W. Richards, Calif.	19	254 Leonard L. Slack, Wash.	5	
201 William Spratley, Ohio	19	255 George Chanak, Minn.	4	
202 David M. Friedman, N.Y.	18	256 G.R. Eadie, Australia	4	
203 Jon H. Lutz, Wisconsin	18 S 1	257 Joseph Fahey, New York	4	
204 G. Russell Ducott, Mass.	17	258 John Flynn, New York	4	
205 Raymond E. Wierowski, N.Y.	17	259 Alvin Liff, New York	4	
206 Hal Wright, California	17	260 Ken Perry, Ohio	4	
207 Robert G. Anderson, N.Y.	16	261 Robert Pohl, Wisconsin	4	
208 Cesar Cusatis, Brazil	16	262 Michael Roche, New York	4	
209 W.B. Albrecht, Wisconsin	15 S 1	263 John Roller, N. H.	4	
210 Darrell R. Fichtl, Oregon	15	264 Arthur Berg, New York	3	
211 George F. Holmes, N. Y.	15	265 Stephen Cook, California	3	
212 Carlos G. Salinas B., Chile	15	266 Victor Estremadoyro R., Peru	3	
213 Chester J. Walsh, N.Y.	15	267 Eric R. Greene, New York	3	
214 Wallace Byrd, Oklahoma	14	268 Richard Henke, Missouri	3	
215 Fred Montague, Mass.	14	269 Joan Pearlmutter, Mass.	3	
216 Robert N. Sealy, Oregon	14 S 1	270 George O. Pitcovich, Ohio	3	
217 Albert Ullmann, N. Y.	14	271 Michael Ryder, Illinois	3	
218 Bob Bambara, Illinois	13	272 Frederick Schmid, N. Y.	3	
219 Jeff Grissom, Kentucky	12	273 Leonard Solomon, Mass.	3 S 1	
220 Bette L. Heasley, Ohio	12	274 Tommy Stimson, Indiana	3	
221 Ronald Henderson, Illinois	12	275 Robert Vissa, Mass.	3	
222 Alberto Martinez, Argentina	12	276 M. Bairy, Australia	2	
223 E.C. Melville, West Indies	12	277 William Blunk, Illinois	2	
224 Vincent W. Thurn, Maryland	12 S 1	278 Daniel Brin, Calif.	2 S 1	
225 Peter A. Brennan, Georgia	11	279 Howard Burnstein, N. Y.	2	
226 Franklin Chapman, N. Y.	11	280 Jim Cicconetti, Ohio	2	
227 Dwight A. Collins, Oklahoma	11	281 Josh Copeland, Alabama	2	
228 Lee Roy Dunaway, Kentucky	11	282 Bernard Cortese, Ohio	2	
229 John Naneson, Ohio	11 S 1	283 Bruce Crowe, California	2	
230 David Pechtold, Illinois	11	284 Edward DeGennaro, N.Y.	2	
231 Dennis Troemel, Wisconsin	10	285 Carol J. Gray, Illinois	2	
232 Clifford Maduzia, Illinois	9	286 Donna Hodges, Kentucky	2	
233 B. Franklyn Shinn, Canada	9	287 Anthony Hull, Mass.	2	
234 Dan E. Snow, Ohio	9	288 Doris A. Hull, Mass.	2	
235 Stanley Page, New York	8	289 David C. Knight, Ohio	2	
236 Miles Specht, Ohio	8	290 Andy Roberts, Illinois	2	
237 Richard Ward, Kentucky	8	291 Stewart Ross, Canada	2	
238 Dennis Williams, Kentucky	8	292 J.D. Sans, Uruguay	2	
239 Dennis Dawson, Indiana	7	293 Morgan A. Thomas, Hawaii	2	
240 Sylvia Mosure, New York	7	294 Donald F. Weber, Ohio	2	
241 Jack L. Strater, Ohio	7	295 Dino Argentini, Mass.	1	
242 Leonard A. Bartlett, Calif.	6	296 Jim Baker, Kentucky	1	

297	Jair Barroso, Jr., Brazil	1	309	Jeffrey C. Pommerville, Calif.	1
298	Alan J. Birkner, Illinois	1	310	J.V. Salisbury, N.Z.	1
299	P. Brand, Massachusetts	1	311	Edward Schmidt, Montana	1
300	Raul Concha F., Chile	1	312	Marcos A. Severin, Argentina	1
301	James E. Ellerbe, N. J.	1	313	Sidney Strauss, New York	1
302	Ken Iwashika, California	1	314	Mary Ann Tangney, Wisconsin	1
303	Frank James, Canada	1	315	Virgil Tangney, Wisconsin	1
304	Leroy Johnson, New York	1	316	Bruce Taylor, N. H.	1
305	Earl Lhamon, Ohio	1	317	Albert G. Varnum, Maine	1
306	D.L. Megginson, Missouri	1	318	Gary Williams, Kentucky	1
307	K. Menzel, Australia	1	319	L.J.A. Williamson, Australia	1
308	Lawrence Nadeau, Mass.	1	320	Tom Wohlever, Ohio	1

OTHER ACTIVITIES. The Chairmen of all Committees have done excellent work during the year, and I would like to take this opportunity to thank them all. A few of their reports are attached at the end of this Director's Report, and in the future we hope to be able to print more of them.

Casper Hossfield, the Chairman of the Solar Division, receives reports of sunspot counts from about 50 observers. The Solar Bulletin is issued each month and contains valuable information about Solar activity. Sarah J. Hill, who has computed the American Sunspot Numbers for the past dozen years, has resigned, due to pressure of other work, and the computations have been taken over by our Treasurer, Richard H. Davis.

The Photoelectric Photometry Committee, under the Chairmanship of Lewis J. Boss, receives many requests for help on photometry problems. They all give much time in answering these requests. The Manual still sells well and is considered very useful. A Supplement, containing specifications for a transistorized unit, has been supplied by Arthur J. Stokes.

PERSONNEL. It gives me great pleasure to report that Mrs. Florence C. Bibber has continued her work as AAVSO Assistant. We are very fortunate to have some one so loyal to the AAVSO.

We are also glad to have had the help of John Bibber part time during the school year and full time during the summer. His help was particularly appreciated during our BIG MOVE.

I would also like to take this opportunity to thank all the officers, members and friends of the AAVSO who have done so much for us during the past year.

Respectfully submitted,

Margaret W. Mayall, Director



REPORTS OF AAVSO COMMITTEES  
FOR THE YEAR ENDING SEPTEMBER 30, 1965

Chart Committee

The following is a report of AAVSO blueprint charts distributed from Headquarters during 1964-65. A total of 470 chart orders were filled, and 123 Chart Catalogues were issued.

<u>8 x 10 Charts</u>	
On hand 10/1/64	29,423 ±
Rec'd from Printers	<u>3,480</u>
	32,903 ±
Issued to Observers	<u>10,812</u>
Balance on hand 9/30/65	22,191 ±

<u>Finder Charts</u>	
On hand 10/1/64	1,058 ±
Rec'd from Printers	0
Issued to Observers	<u>270</u>
Balance on hand 9/30/65	<u>788 ±</u>

<u>AAVSO Atlases</u>	
On hand 10/1/64	5
Rec'd from Printers	<u>29</u>
	34
Issued to Observers	<u>23</u>
Balance on hand 9/30/65	11

Respectfully submitted

Richard W. Hamilton, Chairman

Nova Search Committee

Will wonders never cease! For many, many years now I have read Mrs. Mayall's annual report, looked to see if my name was spelled correctly, looked to see how many observations all the friends I know got for the year, checked to see how many I had -- and never once did I check close enough to realize that the calendar year is NOT the year used in summarizing observations. (NOTE by MWM: How could we list September observations in a report dated September 30??)

To my amazement I find that the "year" ends August 31st. Well next year's nova report will coincide with the variable star "year". This one still used calendar 1964 as its basis.

So for 1964, 21 observers scanned the skies (and reported that fact) a total of 2974 area-nights. This is 7% less than last year's totals but with some new observers coming in in 1965 we expect to rectify that drop this year.

As for novae, or "scares" we had several. We rediscovered Mars, the writer was "scared" by  $\beta$  Ceti again, and we have a newcomer to our list this year -- Spica. This was seen by a fellow in Pennsylvania last August.

(continued)

Other than that we cannot report a visual nova this year -- but remember to keep looking, especially in the early morning, if you can.

Respectfully submitted

George Diedrich, Chairman

Occultation Committee

The Lunar Occultation reports received after the Spring Meeting at Toronto, Canada, May 18, 1965, are listed below:

Observers in the U.S.A.:

Occultations

Herbert Luft	7
Rupert A. Jones	3
John E. Bortle	6
Clinton B. Ford	5
Charles E. Scovil	1
C.L. Bridgen	7
Mrs. M.C. Sawyer	3
John Bartholdi	<u>2</u>

34 U.S.A.

Observers in Canada:

Charles M. Good	11
J. Low	4
J.R. McArvey	6
Isabel K. Williamson	1
- Simpko	1
A.H. Cappen	2
- Richards	<u>4</u>

29 Canada  
63

TOTAL

In addition to the above, the Astronomical Society of Valparaiso, Chile, reported that 8 observers had timed 137 occultations and reported them directly to Greenwich, England. These timings were made between December 7, 1962 and December 31, 1964.

Acting on the instructions of Mrs. Sadler in England, all grazing occultation reports were sent directly to her for filing later.

Respectfully submitted

Roy A. Seely, Chairman