

CATALOG OF INDIVIDUAL RADIAL VELOCITIES, 12^h-24^h, MEASURED BY ASTRONOMERS OF THE MOUNT WILSON OBSERVATORY

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ABSTRACT

This is the second part of a compilation of the times of observation and individual radial velocities that formed the basis for the mean velocities obtained at the Mount Wilson Observatory and published in Wilson's *General Catalogue of Stellar Radial Velocities*. This part contains nearly 12,000 velocity measures made prior to 1952 of 3700 stars.

Subject heading: radial velocities

At the time of publication of the *General Catalogue of Stellar Radial Velocities* by Wilson (1953), approximately half of the known radial velocities were measured by Mount Wilson Observatory astronomers. Most of those velocities were published only as undated mean velocities from an average of three or more measures. However, for astronomers who are interested in stars with variable radial velocities, the published data are insufficient. Therefore we have gone to the card catalog from which the Wilson catalog was compiled and to the original observing records to compile the times of observation and the individual radial velocities for each star observed. The first part of this compilation (Abt 1970) explains in detail the contents of the compilation. For

TABLE 1
ERRATA FOR THE 0^h-12^h ZONE

PRINTED DATA			CORRECTED DATA
R.A.	Decl.	Name	
00:39.9	+01°15'	HD 4356	HD 4256
03:13.1	+64 45	HD 29535	HD 20535
04:08.9	+12 12	HD 25767	HD 26767
04:18.5	+14 32	HD 27936	HD 27836
04:48.0	+06 48	HD 31208	04:48.8, +07°13'
04:48.0	+06 48	ADS 3514B	04:48.8, +07°13'
05:14.9	+14 57	HD 34782	HD 34792
05:25.0	-29 59	BD - 29° 2277	CD - 29° 2277
05:32.5	-06 00	HD 37703	HD 37303
05:50.1	+25 19	HD 38847	HD 39847
06:28.6	+61 34	HD 46180	HD 46480
07:00.7	-08 52	HD 54649	HD 53649
07:00.7	-08 52	ADS 5854B	07:04.6, +55°58'
07:04.0	+20 38	HD 53510	HD 54510
08:59.0	-20 38	HD 77996	HD 77696
11:41.4	+66 23	BD +66° 717	11:14.4

* Operated by the Association of Universities for Research in Astronomy, Inc., under contract with the National Science Foundation.

the few stars for which individual velocities and times of observation have been published, references to the publications are given.

Briefly, the successive columns in table 2 give: (1) the 1900 coordinates and various stellar names; the Wilson (1953) numbers are prefixed with a "W"; (2) the mid-times of the exposures converted to Universal Time; (3) the heliocentric radial velocities uncorrected for any systematic observatory corrections (see Wilson 1953 for such corrections); (4) probable errors of the velocities computed for those spectra measured by two or more persons; (5) nominal dispersions, which can be used to identify the spectrographs used.

Table 1 gives some corrections to errors discovered in the first part of the catalog, published previously.

Dr. O. C. Wilson has called the compiler's attention to the evidence that the spectra obtained in 1909–1910 with the β spectrograph at dispersions of 40 or 50 Å mm⁻¹ are of poor quality. For instance, recent coude spectra of HD 32147 show the velocity to be positive and constant.

Table 2 gives the radial velocities and times of observation.

TABLE 2

Table of Radial Velocities

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D {Å} mm	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	P.E.	D {Å} mm
12:00.1 +09 18		17 Apr 12.315	- 32.4	± 0.3		12:03.2 +56 01		48 Mar 23.430	+ 3.5		80
HD 104979		18 Jan 22.531	- 29.6		36	HD 105421		48 Apr 15.302	+ 6.8		36
9 o Vir		19 Feb 16.509	- 30.5		36	ADS 8434A		48 Apr 18.294	+ 0.1		80
W 7248		19 Feb 21.441	- 26.4	1.5	36	W 7272					
12:00.2 +77 28		27 Mar 25.347	- 20.9	0.4	36	12:03.2 +56 01		32 Apr 16.342	+ 10.6		80
HD 104985		27 Mar 25.422	- 19.0	0.6	36	HD 105422		47 May 12.189	+ 1.3		36
W 7252		27 Jul 10.172	- 17.1	4.2	36	ADS 8434B		47 Jul 2.173	+ 11.2		80
		31 Apr 6.366	- 26.0		36	W 7274		48 Apr 18.319	+ 4.8		80
		33 Feb 12.476	- 23.5	1.7	36						
12:00.2 -00 58		16 Mar 17.374	+ 11.4	1.3		12:03.3 -24 10		20 May 2.220	+ 3.6		36
HD 104988		16 Jun 16.193	+ 24.1	5.1		HD 105452		20 May 2.228	+ 2.2	+ 1.0	36
W 7249		17 Jan 10.540	+ 15.4	0.5		1 α Cor		20 Dec 27.557	+ 10.1	1.4	36
						W 7276					
12:00.5 +69 21		43 Mar 26.321	- 20.7		80	12:03.4 +00 04		34 Apr 25.252	- 0.6	10.1	124
HD 105028		43 Apr 25.392	- 24.2		80	20C684		43 Jun 20.174	+ 33.6		110
ADS 8413A		46 Jun 13.214	- 25.5		80	W 7277		44 Apr 21.222	+ 28.0		110
W 7257											
12:00.5 +69 18		43 Mar 26.393	+ 15.8		80	12:03.5 +00 04		28 Jan 26.494	- 34.8		76
HD 105029		43 Apr 25.320	+ 13.8		80	UU Vir		28 Feb 2.385	- 12.9		76
ADS 8413B		46 Jun 13.174	+ 8.4		80	W 7278					
W 7256											
12:00.5 +52 29		36 Mar 8.422	- 22.4		38	12:04.3 -11 17		25 Feb 2.504	- 1.0	2.3	36
HD 105031		38 Mar 20.351	- 18.2		38	HD 105590		28 Jan 10.472	+ 15.0	0.0	36
ADS 8414A		41 Apr 7.151	- 20.7		70	ADS 8440A		28 May 3.323	+ 12.0	0.3	36
W 7254		42 Jan 28.475	- 13.3		36	W 7282		30 Apr 20.291	- 7.0	0.9	36
12:00.5 +52 29		37 Feb 18.471	- 12.7		36	12:04.6 +40 48		10 Apr 24.222	+ 15.8	2.0	
ADS 8414B		41 Apr 7.256	- 15.1		70	HD 105631		10 May 23.363	+ 17.3	0.2	
W 7255		43 Jan 20.497	- 17.3		36	W 7283		13 Apr 26.402	- 2.1	1.4	
		43 Apr 25.256	- 19.3		80			13 May 16.334	- 3.4	1.8	
								13 Jun 13.276	- 2.3	2.7	
12:00.5 -05 17		44 May 20.197	- 19.9	7.4	80	12:04.6 +02 28		16 May 12.265	+ 2.6	0.7	
HD 105036		46 Mar 24.331	- 19.0		80	HD 105639		17 Feb 1.535	+ 0.5	0.9	
W 7253		48 Mar 21.359	- 16.1		80	10 Vir		17 Mar 2.393	+ 4.4	0.3	
						W 7284					
12:00.6 +63 30		16 Dec 10.518	- 20.3	2.8		12:05.0 +06 22		23 Jun 6.151	- 16.1	1.2	36
HD 105043		20 Feb 5.468	- 26.2	0.5	36	HD 105702		24 Mar 19.382	- 8.7	4.2	36
ADS 8417A		20 Mar 9.430	- 24.3		36	11 Vir		24 Apr 25.297	- 8.8	1.4	36
W 7258						W 7287		24 Apr 25.325	- 9.5	1.9	36
12:00.9 -02 34		28 Apr 9.311	+ 16.6	1.3	36	12:05.2 +27 59		55 May 10.196	+ 5.2		110
HD 105089		29 Feb 23.462	+ 13.8	3.6	36	V Com		55 May 13.189	+ 15.0		220
W 7259		30 Feb 5.455	+ 19.6		36						
12:01.0 +28 07		24 May 12.214	- 6.2	0.3	76	12:05.5 +17 22		14 Feb 2.527	- 4.9	7.1	
HD 105101		25 May 18.164	+ 0.6		76	HD 105778		16 May 21.215	- 27.8	4.6	76
W 7261		25 May 31.243	- 4.4	6.8	76	W 7293		20 Apr 11.298	- 0.6	5.1	36
								32 Feb 20.368	- 3.1		36
12:01.1 +69 15		22 Feb 4.490	- 14.0	1.2	36			32 May 25.222	- 15.4	4.8	36
HD 105122		22 Mar 31.356	- 12.4	0.1	36	12:05.6 +66 13		23 Mar 30.419	+ 68.8	2.0	80
ADS 8419AB		22 May 14.360	- 10.2		36	HD 105791		23 Apr 27.370	+ 59.9	0.7	80
W 7260						W 7294		23 May 28.174	+ 80.2	5.2	36
								23 Jun 27.227	+ 69.2		36
12:01.2 +28 04		33 Jan 6.521	- 40.0		76	12:06.2 -05 22		37 May 18.280	- 5.0		80
BD+28° 2078						HD 105901		37 Jun 16.154	- 15.6		76
12:01.6 +30 03		38 May 14.219	- 17.6		63	W 7298		38 Apr 16.294	+ 1.7	3.4	80
HD 105182		39 Apr 5.360	- 11.1		70			38 Jun 6.170	- 18.0	1.0	81
W 7262		40 Apr 19.340	- 22.5		70						
		40 May 23.184	- 13.6		80	12:06.5 +82 16		14 Feb 10.292	- 22.8	0.7	
						HD 105943		14 Apr 3.411	- 27.3	0.8	
12:03.0 +00 11		27 Apr 14.255	- 16.0		76	W 7299		14 May 11.321	- 27.9	0.9	
HD 105390		27 May 13.182	- 18.1		76						
W 7271		28 Apr 29.279	- 20.7		76	12:06.6 +53 59		22 Mar 14.489	- 7.0	0.8	37
		28 Jul 4.180	- 24.9		76	HD 105963		25 Apr 2.389	- 7.1		36
						ADS 8450A		25 Jul 5.197	- 10.8	0.5	36
						W 7301		27 May 16.340	- 9.6		36

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\frac{\text{\AA}}$ mm}	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\frac{\text{\AA}}$ mm}
12:06.6 +53 59		25 Jan 7.485 + 12.3	+ 2.9		36	12:10.0 -06 42		21 Feb 16.410 + 32.2	0.5		36
ADS 8450B		25 Mar 16.488 + 4.6			36	HD 106515		21 May 25.251 + 16.9	2.6		37
W 7300		25 Apr 12.284 - 2.1	1.7		36	ADS 8477A		21 Jun 12.214 + 3.3	0.1		36
		27 May 16.261 + 1.2			36	W 7334		22 Apr 7.266 + 24.4	1.5		37
								22 May 13.316 + 27.7			37
12:06.6 +04 37		12 May 4.304 - 7.2	3.7					24 Apr 18.306 + 23.4	2.8		36
HD 105967		12 Jun 6.196 - 5.4	0.4					24 Apr 19.332 + 21.4	3.9		37
W 7303		13 Mar 1.417 - 4.5	2.9					24 Apr 21.223 + 15.6	2.5		36
		13 Mar 21.425 - 2.7	2.5					24 May 16.198 + 13.6	1.3		36
								24 May 18.243 + 23.0	0.3		36
12:06.7 +26 25		23 Jun 6.174 + 26.8	0.9		36			24 May 20.312 + 22.2	0.4		37
HD 105981		24 Apr 17.285 + 35.6	3.8		36			24 Jun 18.192 + 6.6	3.5		37
4 Com		24 Apr 18.194 + 34.4	3.5		36			24 Jun 24.182 + 22.0	1.3		37
W 7305								25 May 30.190 + 21.6	4.9		37
								25 Jun 5.188 + 24.4	2.4		37
12:06.8 +57 37		14 Jul 4.193 + 36.9	1.7					25 Jun 6.167 + 30.8	0.1		76
HD 106002		15 May 23.215 + 32.9	0.4					25 Jun 8.183 + 12.8	5.1		36
68 UMa		15 Jun 26.185 + 36.1	0.7					25 Jun 14.157 + 29.7	6.0		76
W 7304								25 Dec 30.530 + 22.2	2.8		36
								26 Jan 28.505 + 16.6	2.3		36
12:07.1 +21 06		25 Apr 14.320 - 27.3	0.2		36			26 Feb 6.514 + 26.8	1.8		37
HD 106057		26 May 4.233 - 19.2	0.7		36			26 Mar 30.356 + 29.8	0.2		36
5 Com		27 May 16.208 - 26.8	0.6		36			26 Apr 26.244 + 22.9	0.1		37
W 7309		30 Mar 18.388 - 19.8			36			26 Apr 27.326 + 29.4	2.3		76
								27 Apr 18.261 + 24.7	1.8		37
12:07.5 -02 32		14 Feb 12.390 + 9.6						27 May 23.191 + 20.1	0.8		36
HD 106116		14 Jun 4.210 + 15.0						29 May 20.243 + 12.7			36
W 7312		15 Mar 6.410 + 9.6	0.3					29 May 22.267 + 16.1			36
								29 May 24.191 + 17.1			36
12:07.8 +10 37		19 May 10.286 - 6.4	2.0		36			29 Jun 19.209 + 39.5			37
HD 106156		20 Feb 2.535 - 8.0	0.6		37			31 Apr 30.295 + 16.7			36
W 7315		20 Apr 1.410 - 6.8	0.9		37			31 May 1.301 + 16.7			36
		20 Apr 7.265 - 12.0	1.0		37						
12:08.1 +11 24		10 Apr 23.253 - 28.6	1.1			12:10.0 -06 42		21 Jan 5.543 + 21.4	4.1		37
HD 106210		13 May 17.326 - 33.0	1.0			ADS 8477B		21 Jan 31.500 + 19.3	4.0		37
W 7316		14 Mar 8.508 - 28.8	3.8			W 7333		22 Feb 15.473 + 16.0			37
		14 Apr 13.324 - 27.9	3.6					22 Jun 5.198 + 16.4	1.0		37
								24 May 19.306 + 17.5			37
12:08.4 +10 50		13 Mar 22.375 + 0.8	1.7			12:10.0 -09 43		10 May 18.195 - 4.9	2.0		
HD 106251		13 Jun 12.251 + 3.7	0.4			HD 106516		10 May 20.169 - 4.2	2.3		
12 Vir		13 Jul 12.175 + 5.1	0.2			W 7335		10 May 21.206 - 4.4	0.9		
W 7320								12 May 30.188 + 2.9	3.3		
								13 Mar 28.384 + 4.7	0.7		
12:09.1 +33 20		24 Feb 22.390 - 6.9	0.8		36			14 Feb 8.505 + 11.0			
HD 106365		26 Jan 26.472 - 8.2			36			14 Mar 15.432 + 11.0	0.8		
ADS 8470A		26 Jan 27.438 - 13.0	1.0		36			14 May 11.228 + 2.4	3.9		
W 7325											
12:09.1 +33 20		39 May 2.274 - 6.2	0.9		70	12:10.4 +70 45		27 Feb 23.479 - 8.4	0.5		36
ADS 8470B		43 Mar 13.391 - 11.4	2.2		36	HD 106574		28 Mar 30.334 - 11.4	1.1		36
W 7326		43 May 22.185 + 4.3	0.2		36	W 7336		28 Jul 5.165 - 13.1			36
		47 Feb 1.493 - 11.1			80			30 Feb 13.461 - 9.6	0.8		36
		47 Feb 7.496 - 4.3			80						
12:09.2 -05 10		34 May 28.172 + 7.5			36	12:10.5 +57 35		13 Apr 30.386 - 0.8	6.4		
HD 106384		40 Jan 17.527 + 9.7			36	HD 106591		13 Mar 24.276 - 6.4	5.1		
ADS 8471A		42 Apr 25.252 + 8.6			36	6 UMa		13 Jun 19.217 - 2.0	4.2		
W 7327						W 7337		13 Jul 15.157 - 13.0	2.9		
12:09.3 +12 23		33 Jun 1.182 - 11.0			76	12:10.9 +15 28		25 May 4.299 + 17.0	1.3		36
HD 106400						HD 106661		26 Jan 2.535 - 14.6	2.8		36
AH Vir						6 Com		26 Jan 2.544 - 1.6	10.6		36
W 7328						W 7341		39 Jun 6.449 + 10.6			36
								41 May 11.215 + 6.9			36
12:09.8 +53 59		14 Jul 5.187 + 1.1	3.0			12:10.9 +06 12		24 Jan 17.564 + 43.8	0.2		76
HD 106478		15 Mar 6.497 + 0.4	1.0			ADS 8486A		49 Mar 10.374 + 44.2			80
W 7330		15 May 23.183 + 0.4	0.6			W 7340		49 May 11.222 + 44.7			80
12:09.8 -20 17		35 Apr 11.273 + 8.0	0.5		36	12:11.1 +41 13		12 Dec 28.500 - 12.4	2.1		
HD 106485		41 Feb 5.501 + 21.3			36	HD 106690		13 Feb 28.468 - 12.8	2.9		
W 7331		42 May 27.169 + 16.0			36	2 CVn		13 Jul 16.185 - 17.1	1.2		
		47 Feb 11.460 + 21.2			36	ADS 8489A					
						W 7343					

TABLE 2—Continued

R.A. (1900) Name	Decl. (1900)	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl. (1900)	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)
12:11.1 +41 13 ADS 8489B W 7344		37 Mar 30.356 39 May 26.167	- 17.0 - 17.6		38 70	12:13.6 +12 21 ADS 8506B W 7374		31 Apr 29.226 31 May 28.200 49 Mar 9.435	+ 21.2 + 17.3 + 9.9		76 76 80
12:11.7 +40 08 HD 106784 ADS 8495A W 7349		47 May 29.160 49 Apr 11.283 50 Mar 3.397 50 Apr 23.275	0.0 - 6.6 + 11.9 + 11.4		36 36 36 80	12:13.6 -00 14 HD 107070 W 7372		12 Jun 8.186 14 Mar 11.443	- 29.6 - 7.8	+ 7.6 8.0	
12:11.7 +40 08 ADS 8495B W 7350		49 Apr 13.271 49 May 13.270 50 Jan 7.526	+ 11.0 + 2.3 + 8.3		80 80 70	12:13.9 +86 59 HD 107113 W 7362		22 Mar 10.523 22 Apr 1.431 23 Apr 25.415	- 5.0 - 5.7 - 7.2	3.0 2.6 2.3	36 36 36
12:11.8 +80 41 HD 106798 ADS 8494A W 7348		31 Jan 29.484 32 Jan 30.464 32 May 26.160 33 Mar 10.444	- 20.9 - 3.9 - 13.2 - 3.2	+18.1 3.1 5.8 0.9	36 36 36 36	12:14.1 +17 07 HD 107146 W 7378		20 Apr 29.312 20 May 27.257 20 Jun 9.205 21 Feb 19.472	+ 9.3 + 4.6 + 3.1 + 6.1	2.6 0.0 2.9	36 36 36 36
12:11.9 +64 11 HD 106811 W 7351		26 Mar 25.413 47 Jul 1.175 48 Feb 1.503 48 Mar 23.453	+ 62.6 + 46.0 + 48.0 + 52.6	0.0	36 80 80 80	12:14.1 -15 43 HD 107149 W 7381		28 May 19.197 40 May 19.177 40 May 27.158 50 Feb 28.406	+ 14.6 + 21.9 + 6.4 + 14.1	0.3 1.4	37 70 80 80
12:12.5 +29 30 HD 106887 ADS 8501A W 7354		29 Feb 27.373 29 Apr 21.226 30 Mar 18.418 32 Jan 17.540 32 May 24.228	- 5.6 + 5.3 - 10.7 - 4.7 - 14.8		36 36 36 36 124	12:14.2 -08 22 HD 107161 ADS 8509A W 7382		33 Mar 14.344 34 Mar 22.351 34 May 20.263	- 13.0 - 10.0 - 10.5	1.2	36 36 36
12:12.5 +15 00 HD 106888 W 7356		22 Mar 7.445 23 Jan 5.469 23 Jan 6.476	- 4.1 - 3.2 + 6.6		37 37 37	12:14.3 +23 35 HD 107168 8 Com W 7383		12 Dec 31.468 13 Jun 16.266 13 Jul 23.153	+ 2.0 + 5.1 - 2.8	1.5 0.5 2.7	
12:12.8 +15 35 HD 106949 W 7359		28 Apr 16.340 39 May 10.227 40 Mar 16.404	+ 6.4 + 9.5 + 6.0		37 70 36	12:14.3 +15 07 HD 107170 W 7384		22 Apr 14.242 23 Feb 7.419 23 Mar 5.477	+ 29.0 + 25.8 + 22.8	0.3 1.9 0.9	36 36 37
12:13.0 +18 59 HD 106972 W 7364		15 Feb 23.492 15 Mar 30.335 15 May 28.269	- 24.9 - 25.5 - 34.7	3.0 1.5 3.4		12:14.4 +88 15 HD 107192 W 7352		18 Mar 1.529 18 Apr 16.410 18 Apr 16.441	- 1.0 - 8.0 + 4.1	3.2 2.0 7.5	36 36 36
12:13.0 -03 23 HD 106976 ADS 8505A W 7366		33 May 15.199 34 Apr 4.312	- 2.1 - 0.1	0.4	36 36	12:14.4 +28 55 BD+29° 2279 W 7388		25 Mar 11.420 27 Jun 12.230 28 Feb 28.480 28 Jun 1.229	- 29.6 - 21.3 - 19.9 - 29.2	6.2	76 37 76 76
12:13.0 -03 23 HD 106975 ADS 8505B W 7365		33 May 15.251 34 Mar 29.391 34 Apr 4.256	+ 0.6 + 2.1 - 2.3	1.5	36 36 36	12:14.5 +28 43 HD 107213 9 Com W 7387		18 Jan 22.551 19 Mar 16.476 19 Mar 23.408 19 Jun 18.219 20 Mar 4.434 20 May 2.275	- 6.2 - 3.1 - 11.6 - 14.6 - 7.0 - 5.3	1.9 1.8 1.6	36 36 36 36 36 36
12:13.1 +70 04 SW Dra W 7363		17 Jun 10.247 18 May 24.268 19 May 13.257 26 Apr 26.352 26 Apr 27.260 27 Jan 18.493 29 May 17.240	- 70.5 + 11.6 - 41.3 - 53.6 - 22.9 - 74.3 + 2.8	3.9 3.2	80 80 81 81 81 81	12:14.9 +49 32 HD 107274 3 CVn W 7392		11 Jan 18.523 11 Feb 10.408 11 Feb 19.517 11 Apr 10.306 12 Jun 9.189 12 Jun 29.194	+ 9.5 + 8.5 + 5.0 + 3.4 + 13.5 + 9.7	4.7 2.4 0.8 1.2 1.7	
12:13.4 +69 21 HD 107028 W 7367		34 May 24.163 42 Apr 30.281 43 Mar 26.351	- 35.0 - 29.3 - 24.7		80 36 80	12:15.0 +14 25 HD 107288 ADS 8514A W 7393		26 May 31.193 27 Jun 18.159 32 Apr 24.278	+ 12.8 + 6.4 + 6.9	0.5	36 37 36
12:13.5 +30 49 HD 107054,5 W 7370		23 Feb 25.446 23 Feb 28.451 23 Apr 25.304 23 May 24.231	- 35.8 - 32.3 - 30.7 - 26.0	1.8 6.8 5.8 5.0	36 36 36 36	12:15.0 -21 37 HD 107295 ADS 8515A W 7394		35 Apr 10.301 36 May 8.233 42 May 28.170	- 1.0 - 4.8 + 0.8		36 38 36
12:13.6 +12 21 HD 107068 ADS 8506A W 7373		28 Apr 8.376 31 May 30.188 34 Mar 1.445 49 Mar 9.382 49 Apr 9.302	+ 17.4 - 1.0 + 10.2 + 14.5 + 21.4	6.0 6.2 8.1	76 76 76 80 80	12:15.3 +27 11 HD 107325 W 7399		26 Mar 27.336 26 Mar 27.364 26 Apr 23.242	- 8.0 - 11.0 - 7.3		36 36 36

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\frac{\text{\AA}}$ mm}	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\frac{\text{\AA}}$ mm}
12:15.3 +26 34 HD 107326 W 7397		35 Apr 24.247 36 Jan 14.510 37 Jun 25.164 39 Feb 26.326	- 1.9 - 1.6 + 4.4 + 15.0		36 38 38 38	12:17.5 +05 52 ADS 8531B W 7427		34 Apr 24.252 35 Jun 22.162 48 Jan 31.507 50 Mar 7.380	- 0.7 + 16.7 + 3.2 + 6.3	+ 7.2 4.3	124 81 80 80
12:15.3 +03 53 HD 107328 16 Vir W 7398		17 Feb 6.514 18 Mar 18.382 18 May 1.258 35 Apr 18.292 40 Jun 20.149	+ 36.4 + 35.6 + 35.6 + 36.1 + 33.9	+ 0.5 0.4 0.9	36 36 80 36	12:17.9 +73 47 HD 107760 W 7430		See ApJ 56, 446, 1922			
12:15.4 +38 28 HD 107341 ADS 8516A W 7396		25 Mar 9.435 26 May 4.299 26 May 26.241	+ 5.0 + 4.0 + 5.6	0.2 2.8 0.0	36 36 36	12:18.2 -11 15 HD 107814 W 7433		46 Jan 15.514 46 Apr 10.307 47 Jun 6.164 49 Feb 17.456	+ 10.9 + 3.4 - 0.6 + 2.2	1.0 2.6	80 80 80 80
12:15.4 -21 39 HD 107348 5 ζ Crv ADS 8517A W 7400		11 Mar 17.360 11 Apr 9.315 12 Jun 2.163	- 16.4 - 26.3 - 18.3	4.9 1.3		12:18.2 -24 17 HD 107815 6 Crv W 7434		28 Jun 1.158 30 Feb 12.462 32 Jun 15.172	- 2.4 + 1.2 - 3.2	0.7 1.1 0.9	36 36 36
12:15.6 +18 21 HD 107383 11 Com ADS 8421A W 7404		20 Apr 5.288 20 Apr 5.305 21 Apr 25.282	+ 48.2 + 47.6 + 45.3	2.0 1.1	36 36 36	12:18.6 -29 27 HD 107869 W 7440		28 Jan 13.485 31 Jan 4.540	+ 73.8 + 63.2	0.7 3.9	37 76
12:15.7 +61 52 HD 107397 RY UMa W 7401		See ApJ 86, 363, 1937				12:18.9 +43 05 HD 107904 4 CVn W 7443		13 May 18.326 13 Jun 14.241 47 May 9.214 48 Feb 26.496 48 May 15.210	- 16.4 - 3.4 - 11.9 - 25.0 + 0.5	2.8 1.1	36 36 36
12:15.8 -13 00 HD 107418 W 7407		11 Feb 10.443 11 Mar 17.397 11 Apr 14.310 11 Jun 7.172	+ 12.8 + 12.0 + 12.4 + 12.7	0.6 0.6 0.0		12:19.1 +06 32 HD 107937 W 7446		43 Apr 18.307 45 May 3.278 46 May 13.211 48 Jun 28.171	+ 14.1 + 42.2 + 18.8 + 17.0	1.1	80 80 80 80
12:16.1 +58 25 HD 107465 70 UMa W 7409		25 Feb 10.472 25 Apr 3.358 25 May 2.332	- 38.0 - 41.0 - 42.3	1.8	36 36 36	12:19.2 +52 07 HD 107950 5 CVn W 7445		11 Feb 18.497 11 May 19.174 11 May 22.189	- 14.2 - 8.4 - 9.6	0.7	
12:16.2 +00 55 UV Vir W 7413		34 Mar 21.392	+ 60.9		124	12:19.3 +26 39 HD 107966 13 Com W 7447		13 May 14.344 13 Jun 11.278 13 Jul 15.197	+ 1.9 + 11.0 - 4.2	3.1 2.6 1.2	
12:16.9 +42 42 HD 107596 W 7418		20 Feb 6.518 20 May 8.173 20 Jun 26.236 21 Jul 17.207	+ 19.1 + 16.9 + 8.8 + 12.3	4.3	37 37 37 37	12:19.5 +26 09 HD 108007 ADS 8539AB W 7450		19 Mar 17.446 19 Apr 11.304 19 Apr 13.260 19 May 12.268 19 Jun 8.185 22 Jul 9.199 23 Apr 9.331	+ 3.7 - 11.6 - 30.4 - 26.6 - 14.5 + 5.2 - 11.4	0.8 9.8 4.1 4.8 19.3 1.9	36 36 36 36 36 36
12:17.0 +17 17 HD 107612 W 7421		20 Jan 30.553 21 May 27.242 21 Jul 21.169 22 May 5.307	+ 5.1 + 0.4 - 3.9 + 11.1	7.5 2.6 3.1 0.1	36 36 36 36	12:19.6 -17 38 20C703 W 7451		40 Feb 10.497 42 May 23.215 43 Jan 16.510 43 Feb 15.458 43 May 14.208 44 May 30.233	+ 57.3 - 64.0 + 71.0 + 62.5 + 43.4 + 30.4		124 110 110 108 110 110
12:17.1 +42 47 HD 107632 W 7422		35 Apr 12.304 43 Mar 28.342 43 Jul 9.193	- 27.7 - 29.8 - 33.5		80 80 80	12:19.9 +38 53 HD 108076 W 7452		17 Apr 12.392 18 Feb 2.551 18 Mar 23.431	+ 0.3 - 2.4 - 3.3	1.3 2.8 1.3	36 36 36
12:17.1 -15 00 HD 107642 W 7424		28 May 17.168 31 May 6.262 34 May 29.198 38 May 9.155	+ 14.4 + 9.0 - 12.2 + 9.1	0.2	37 36 36 38	12:19.9 -03 40 HD 108081 W 7453		18 May 23.232 19 Mar 12.458 19 Apr 19.302 20 May 8.316 45 May 27.227 45 Jun 26.167 46 Jan 17.501	+ 30.6 + 35.0 + 65.0 + 49.1 + 50.1 + 63.7 + 35.4	1.6 0.7 1.0 1.9	80 36 36 37 80 80 80
12:17.5 +05 52 HD 107705 17 Vir ADS 8531A W 7426		29 Mar 26.354 30 Apr 16.260 30 Jun 15.184	+ 4.7 + 3.2 + 5.9	2.9 1.6	36 36 36	12:20.1 +01 19 HD 108105 SS Vir W 7456		25 Mar 13.385	- 54.3		37

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel.	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel.	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)
12:20.2 +24 29		15 Jun 23.168	- 5.7	± 0.4		12:23.3 +45 21		27 Mar 18.424	+ 1.8		36
HD 108123		15 Jul 28.162	- 2.3	1.4		HD 108575		27 Apr 15.318	+ 1.3		36
W 7459		16 Feb 19.454	- 5.3	1.7		ADS 8561B		28 Feb 1.508	- 0.8		36
						W 7496					
12:20.3 +57 19		14 Apr 3.377	- 18.8	1.8		12:23.6 -06 57		38 Feb 7.515	+ 39.5		80
HD 108135		14 May 6.301	- 12.5	5.6		BD-6° 3580		38 Apr 10.331	+ 23.5		108
71 UMa		14 Jun 12.167	- 17.6			W 7501		40 Jan 18.536	+ 14.9		124
W 7455								43 Jan 13.549	+ 38.4		108
12:20.3 +36 32		40 Apr 15.326	+ 47.9		81	12:24.0 -01 52		24 May 15.240	- 36.4	3.5	36
BD+36° 2268		40 May 14.243	+ 45.7		70	HD 108680		25 Jan 5.556	- 35.2	6.3	76
W 7462		40 Jun 25.201	+ 39.5		70	W 7504		25 May 4.227	- 33.0		37
		40 Jun 26.184	+ 43.5		70						
		41 Apr 7.257	+ 39.7		70	12:24.1 +31 56		37 Apr 21.219	- 48.5		38
12:20.4 +32 27		25 Mar 8.464	- 12.0	1.7	76	HD 108693		42 Mar 29.344	- 50.4		36
HD 108153		26 May 23.233	- 26.8	0.1	76	ADS 8569A		43 May 18.235	- 44.6		36
W 7461		27 Apr 23.292	- 17.7	3.0	76	W 7505					
12:20.9 +39 34		22 Feb 14.463	- 4.0	1.2	36	12:24.2 +35 12		24 May 7.208	-139.2		
HD 108225		22 Jul 7.188	- 6.2	0.9	36	RR CVn		29 Mar 17.408	- 67.9		
6 CVn		23 May 1.256	- 6.5		36	W 7506		31 Mar 30.392	- 41.2		124
W 7468		27 Mar 17.423	+ 0.3		36						
12:21.8 +69 14		See ApJ 96, 344, 1942				12:24.6 -02 46		16 Feb 15.497	- 9.1	5.4	
HD 108345						HD 108754		16 Jun 12.237	- 3.9	1.9	
SS Dra						W 7511		17 Mar 8.373	- 1.6	1.3	
W 7475								17 Jun 8.186	- 2.1	2.8	
12:22.1 +72 29		36 Mar 10.424	+ 4.0		38	12:24.7 +21 27		12 Mar 24.469	+ 3.2	7.0	
HD 108399		37 Apr 23.238	+ 3.2		38	HD 108765		12 Apr 1.335	+ 6.0	0.8	
W 7476		43 Feb 17.456	+ 4.5		36	20 Com		12 May 1.265	- 9.0	4.5	
						W 7513		12 May 31.210	- 12.2	3.0	
12:22.3 +27 36		22 Feb 17.449	+ 1.4	1.6	37			12 Jul 7.189	- 9.8	3.0	
HD 108421		22 Jun 4.237	- 0.6	1.3	37			13 May 20.312	- 11.6	4.0	
ADS 8553A		24 Feb 21.402	- 3.2	1.3	76			14 Mar 12.371	+ 4.3	3.2	
W 7483								29 Jun 20.194	- 5.6		36
12:22.3 +27 36		24 Feb 21.446	- 6.4	4.2	76	12:24.7 -15 58		13 Apr 25.260	+ 14.2	15.6	
ADS 8553B		48 Jan 25.497	+ 1.4	3.2	80	HD 108767		13 Jun 24.182	- 2.0	12.5	
W 7484		48 Mar 26.304	+ 7.4	0.2	80	7 δ Crv					
						ADS 8572A					
12:22.6 +41 55		20 May 8.264	+ 2.4	4.2	36	W 7515					
HD 108464		21 Jun 20.203	- 1.1	1.7	36	12:24.7 -15 58		47 Apr 7.312	+ 6.2		80
W 7486		23 Jan 26.500	- 9.2	1.0	36	ADS 8572B		47 May 6.222	+ 2.8	1.2	80
		23 Apr 8.406	- 9.1	4.8	36	W 7514		48 Mar 22.356	+ 14.2	0.8	80
		23 May 4.311	- 10.0	1.3	36						
		25 Mar 12.498	- 5.3		36	12:24.9 -12 50		20 Feb 5.510	+ 2.1	4.5	36
12:22.6 -16 04		28 Apr 8.288	- 6.8	3.7	36	HD 108799		20 Jun 6.230	+ 2.4		36
HD 108477		29 May 29.181	- 10.3	0.4	36	ADS 8573A		20 Jun 27.198	- 2.3	1.6	36
W 7490		30 Feb 8.494	- 11.4	0.5	36	W 7517		21 Jan 29.511	+ 0.5	1.8	36
								21 Feb 24.427	- 4.8		36
12:22.8 +56 16		14 Apr 12.349	+ 19.0	1.7		12:25.1 -23 09		26 Jan 6.550	- 11.3	1.8	36
HD 108502		14 May 4.295	+ 15.0	1.0		HD 108821		26 Mar 28.338	- 6.4	0.6	36
73 UMa		14 Jun 12.195	+ 20.0	2.9		W 7519		26 Apr 25.278	- 14.8	0.2	36
W 7489											
12:22.8 -04 04		23 May 1.309	- 8.6	2.1	36	12:25.3 +52 05		18 Jan 24.500	+ 15.8	2.6	36
HD 108506		23 May 24.210	- 23.8	2.2	36	HD 108845		19 Mar 24.424	+ 21.6	0.6	36
W 7491		24 Jun 13.170	- 23.4	3.5	36	7 CVn		19 Apr 20.337	+ 18.3	1.6	36
		27 Apr 14.304	- 2.1	12.3	36	W 7520					
12:22.9 -15 06		43 Apr 22.274	+ 17.6		36	12:25.3 -25 30		28 May 31.230	+ 74.9		
HD 108523		43 May 17.205	+ 25.5		80	SV Hya		31 Mar 31.336	+105.2		124
W 7494		45 May 24.167	+ 19.0		80	W 7522					
12:23.3 +45 21		22 Mar 19.366	+ 1.1		36	12:25.5 +10 17		33 May 4.288	- 20.2		80
HD 108574		22 Mar 21.386	- 1.4	1.4	37	HD 108875		34 May 31.213	- 12.5		36
ADS 8561A		26 Jun 25.194	- 1.5		36	ADS 8575AB		43 May 14.228	- 10.8		80
W 7495						W 7524					

TABLE 2—Continued

R.A. (1900) Name	Dec1.	Date (UT)	Vel.	p.e.	$\frac{D}{\lambda}$ {mm}	R.A. (1900) Name	Dec1.	Date (UT)	Vel.	p.e.	$\frac{D}{\lambda}$ {mm}
12:25.5 +04 03		26 Mar 30.439	- 0.2	+ 0.5	36	12:28.3 +09 35		39 Apr 10.333	- 8.9		124
HD 108877		26 Apr 22.326	- 3.1		36	20C716		39 May 10.297	+ 26.9		124
ADS 8576A		31 Mar 7.427	- 7.0	1.2	36	W 7553			- 12.8e		
W 7525								43 Jan 15.517	+ 7.3e		110
12:25.5 +04 03		47 May 1.286	- 6.6	0.2	80			43 May 14.326	+ 1.4e		110
ADS 8576B		50 Mar 5.376	- 1.5		80			44 May 14.285	- 22.1e		110
W 7526		50 Apr 4.331	+ 9.5		70			45 Apr 21.266	+ 1.0		110
									+ 4.7e		
								46 Mar 10.278	+ 8.8e		110
12:25.7 +69 45		20 Apr 11.345	- 10.0		36	12:28.4 -12 17		31 Mar 6.408	- 12.0	+ 0.9	36
HD 108907		20 Apr 11.398	- 7.2		36	HD 109272		32 Mar 26.371	- 20.5	0.6	36
4 Dra		20 Jun 26.250	- 8.1		36	W 7554		32 Apr 22.271	- 14.3	1.3	36
W 7523								32 May 22.184	- 18.4	1.2	36
12:25.7 -03 30		24 Jan 24.497	+ 85.9	1.4	36						
HD 108910		24 Feb 25.537	+ 84.2	1.5	37	12:28.5 +25 00		43 Mar 24.369	- 11.8		80
W 7527		24 Apr 22.292	+ 84.3	2.1	36	HD 109282		44 May 30.164	- 6.7		80
						W 7555		49 Mar 12.397	- 14.1		80
12:26.0 +25 07		14 Feb 7.519	- 3.3					50 Feb 8.443	- 8.9		80
HD 108945		14 Mar 13.499	- 2.4	3.3							
21 Com		14 Apr 16.274	+ 4.6	4.1		12:28.6 +24 50		13 Jun 19.214	+ 5.0	1.5	
W 7530						HD 109307		14 Mar 12.447	- 1.6	1.6	
						22 Com					
12:26.1 +53 37		30 May 11.229	- 17.8	2.3	36	W 7556					
HD 108954		30 May 12.205	- 18.1		36						
W 7529		30 May 20.215	- 23.2	0.5	36	12:28.6 -08 54		13 Mar 17.397	- 0.7	1.4	
						HD 109309		13 Apr 25.287	- 17.0	5.8	
12:26.1 +17 10		15 Mar 25.453	+ 12.4	2.1		21 Vir					
HD 108957		15 May 23.274	+ 9.8	1.3		W 7559					
W 7531		16 Feb 23.486	+ 11.9	0.6							
						12:28.7 +33 48		24 May 26.222	- 8.8	2.9	36
12:26.2 +09 23		25 Mar 14.399	+ 18.6	9.6	76	HD 109317		24 Jun 19.181	- 19.9	1.1	36
BD+9° 2636		25 May 5.276	+ 20.0	6.6	76	W 7558		25 Mar 12.439	- 11.7	1.5	36
W 7534		25 Jul 1.207	+ 26.5	8.8	76			47 Jun 2.226	- 21.6	0.0	36
12:26.4 -10 31		27 Mar 14.432	- 19.1	6.0	36	12:28.8 -14 05		41 Apr 3.370	+ 3.7		108
HD 109005		48 Apr 22.246	- 40.1	10.1	80	HD 109333		43 Apr 13.318	+ 10.5		110
ADS 8585A		49 May 10.245	+ 6.3	3.1	80	W 7564		43 Apr 23.282	+ 14.0		80
W 7537		50 Feb 1.497	- 4.4	0.0	80			43 Jun 23.172	+ 6.5		108
12:26.4 -10 31		28 May 31.205	- 14.0	3.2	36	12:28.9 +33 57		45 Apr 29.256	- 40.0		36
ADS 8585B		48 Apr 22.284	+ 3.1		80	HD 109345		45 Jun 20.186	- 41.4		36
W 7538		49 May 10.236	- 0.3		80	W 7561		46 Jan 14.545	- 40.9		80
		50 Feb 1.474	+ 7.4	0.2	80						
						12:29.0 +41 54		16 Apr 19.355	+ 6.0	1.1	
12:26.5 -04 30		31 Apr 4.352	- 0.4	0.8	36	HD 109358		17 Apr 12.329	+ 6.4	0.6	
HD 109014		32 Feb 20.422	+ 5.5	0.5	36	8 β CVn		17 May 3.307	+ 8.5	0.9	
W 7539		32 Feb 21.422	+ 3.0	2.4	36	W 7563					
12:26.7 +27 33		39 May 4.281	- 9.4		70	12:30.1 +18 56		14 Jul 9.194	- 27.2		
HD 109054		43 May 11.237	- 6.9		70	HD 109510		15 Feb 4.485	- 14.3	8.7	
ADS 8586A		43 Jun 11.176	- 4.6		80	ADS 8600B		15 Mar 3.465	- 69.7		
W 7542						W 7571			+ 57.0		
12:27.4 -13 18		23 Jan 10.549	- 5.4	5.7	36	12:30.2 +22 26		35 Mar 16.368	- 14.2		38
HD 109141		24 Feb 15.469	+ 15.4	5.8	36	HD 109519		35 Mar 18.369	- 11.8		38
W 7548		24 Feb 18.464	+ 0.6	4.6	36	W 7574		36 Mar 9.368	- 16.1		38
		24 Jun 13.149	+ 0.6	4.0	36						
12:27.8 +27 35		24 May 7.309	- 70.3			12:30.5 +70 34		30 May 13.231	+ 3.2		36
S Com		33 Jan 8.514	- 63.4		108	HD 109551		30 May 20.184	+ 3.4	0.7	36
W 7551						6 Dra		31 May 29.182	+ 5.8	0.3	36
						W 7573		35 May 24.172	- 0.5		36
12:28.0 +75 22		22 Jan 15.509	- 34.4	2.1	36	12:30.7 -19 58		36 May 10.252	- 12.9	4.2	38
HD 109213		22 Feb 16.483	- 26.0	0.9	36	HD 109585		42 May 27.215	+ 3.5	2.5	36
ADS 8591A		22 Mar 14.336	- 27.6	1.4	36	W 7577		43 Apr 20.276	+ 7.4	6.6	36
W 7549		33 Jan 5.542	- 30.2	0.0	36			47 Feb 6.471	- 4.4		36
								47 Feb 7.447	- 3.6		36
12:28.0 +10 50		17 Apr 11.356	+ 2.5	1.0		12:31.0 +11 57		23 Mar 6.428	+ 16.6	2.0	37
HD 109217		17 May 5.293	+ 0.6	0.2		HD 109628		23 Mar 31.422	+ 15.8	2.9	37
20 Vir		17 Jun 6.188	- 1.1			ADS 8606A		24 Jan 18.557	+ 18.8	0.8	76
W 7552						W 7579					

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\frac{\text{\AA}}$ mm}	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\frac{\text{\AA}}$ mm}
12:31.0 +11 57 ADS 8606B W 7578		23 Mar 31.358 + 16.6 23 May 4.330 + 30.0 24 Jan 18.502 + 28.2 24 Mar 20.421 + 16.6 24 Apr 22.384 + 22.1	+ 16.6 + 30.0 + 28.2 + 16.6 + 22.1	+ 1.0 3.8 4.0 2.3 0.3	37 37 76 76 37	12:36.1 +74 58 HD 110312 ADS 8622A W 7612		25 Jun 10.208 - 50.0 31 May 5.336 - 42.0 38 May 13.249 - 31.6 39 Jun 9.209 - 36.7 40 Mar 24.382 - 43.6	- 50.0 - 42.0 - 31.6 - 36.7 - 43.6	3.9 2.6 4.7 3.0 2.4	80 36 63 70 36
12:31.1 +80 48 HD 109646 W 7575		32 Apr 14.392 + 34.6 45 Apr 4.418 + 36.2 45 Apr 30.395 + 33.7	+ 34.6 + 36.2 + 33.7	1.3	36 36 36	12:36.1 +69 20 HD 110313 W 7613		19 Feb 14.531 - 7.0 19 Mar 18.408 - 4.0 19 Apr 10.318 + 4.2 19 Jun 16.204 - 5.4	- 7.0 - 4.0 + 4.2 - 5.4	0.9 3.7 2.6 2.6	80 80 80 80
12:31.1 +37 46 SV CVn W 7581		33 Mar 3.439 + 9.5	+ 9.5		124	12:36.1 -12 28 HD 110318 ADS 8627A W 7617		See ApJ 96, 214, 1942			
12:31.2 +57 07 HD 109654 ADS 8605A W 7580		47 Jun 1.184 - 28.4 48 Feb 1.533 - 29.5 49 Feb 18.483 - 30.8	- 28.4 - 29.5 - 30.8		36 70 70	12:36.1 -12 28 HD 110317 ADS 8627B W 7616		See ApJ 96, 214, 1942			
12:31.6 -05 17 HD 109704 25 Vir W 7586		11 Mar 12.403 - 4.1 11 Apr 11.338 - 2.8 11 Apr 14.256 + 7.4 12 May 29.245 - 5.3 13 Apr 24.284 - 10.7 14 Mar 14.318 - 1.5	- 4.1 - 2.8 + 7.4 - 5.3 - 10.7 - 1.5	6.4 2.8 7.8 0.3 1.3		12:36.6 -00 54 HD 110379 γ Vir S ADS 8630A W 7623		16 Mar 21.479 - 16.2 19 Jun 9.161 - 21.2 21 May 27.150 - 23.4	- 16.2 - 21.2 - 23.4	1.2 3.2 1.6	36 36 36
12:31.9 +17 38 HD 109742 25 Com W 7587		27 Jan 25.536 - 8.6 27 Mar 24.365 - 5.0 27 Mar 24.409 - 7.6	- 8.6 - 5.0 - 7.6	0.2 0.8 0.7	36 36 36	12:36.6 -00 54 HD 110380 γ Vir N ADS 8630B W 7624		16 Mar 21.471 - 14.2 19 Jan 13.550 - 14.3 19 Jun 9.166 - 19.6 21 May 27.144 - 23.4	- 14.2 - 14.3 - 19.6 - 23.4	0.3 5 2.4 2.4	5 36 36 36
12:32.4 -26 45 HD 109799 ADS 8612A W 7590		33 May 5.249 - 3.2	- 3.2		36	12:36.6 -19 12 HD 110385 W 7625		36 Apr 11.318 - 2.4 37 Apr 18.239 - 4.1 42 Jan 9.547 - 3.4	- 2.4 - 4.1 - 3.4		38 38 36
12:33.2 +66 07 RV Dra W 7592		44 Apr 18.351 - 12.3 44 Apr 19.378 - 16.5	- 12.3 - 16.5		108 81	12:36.8 +10 47 HD 110411 30 ρ Vir W 7626		12 Jan 29.451 + 3.2 12 Apr 3.294 + 2.5 12 May 31.255 + 2.7 12 Jun 25.233 + 2.8	+ 3.2 + 2.5 + 2.7 + 2.8	3.2 3.4 4.6 7.1	
12:33.3 +02 25 HD 109896 W 7595		14 Apr 9.346 - 13.2 14 May 16.266 - 12.4 14 Jun 11.160 - 19.8	- 13.2 - 12.4 - 19.8	2.1 0.9		12:36.8 -06 57 HD 110418 W 7627		26 Mar 22.420 + 0.8 30 Apr 18.335 + 0.4 31 Mar 31.270 - 1.8 36 Feb 7.511 - 4.4 36 Feb 8.499 + 0.4 36 Apr 2.271 + 4.4 37 May 1.310 - 0.0 44 May 31.168 - 1.5 46 Mar 24.361 - 4.7 46 May 19.214 - 1.5 47 May 2.239 - 4.0	+ 0.8 + 0.4 - 1.8 - 4.4 + 0.4 + 4.4 - 0.0 - 1.5 - 4.7 - 1.5 - 4.0	2.0 1.0 1.5 1.7 2.3 0.6 1.3 80 80 80 10	36 36 36 38 36 36 38 80 80 80 10
12:33.5 -17 42 HD 109931 W 7597		35 Mar 23.368 - 6.6 41 Jun 6.153 - 10.1 42 Jun 3.162 - 17.4 48 Mar 27.332 - 19.4	- 6.6 - 10.1 - 17.4 - 19.4	1.3	38 36 36 36	12:36.9 +07 22 HD 110423 31 Vir ADS 8633A W 7629		13 May 26.265 - 1.2 13 Jun 22.239 + 7.0 13 Jul 18.175 + 0.8	- 1.2 + 7.0 + 0.8	3.5 3.7 1.0	
12:33.6 -03 49 HD 109944 W 7598		25 Jun 15.199 + 16.2 26 Mar 28.419 + 25.6 26 Apr 23.296 - 0.2 26 Apr 25.336 + 3.5	+ 16.2 + 25.6 - 0.2 + 3.5	3.5 0.6	36 36 36 36	12:37.8 +84 12 HD 110533 W 7614		19 Apr 20.382 - 93.3 19 May 11.326 - 19.0 19 May 12.326 + 64.6 19 May 15.357 - 96.7 20 Mar 9.500 - 65.2 21 Jan 25.387 - 21.2	- 93.3 - 19.0 + 64.6 - 96.7 - 65.2 - 21.2	1.7 2.2 3.1 5.6 2.1 11.3 0.1	36 36 36 36 36 36 36
12:33.9 +12 15 20C726 W 7601		34 Apr 24.346 + 24.9 43 Mar 13.444 + 15.7 43 Apr 13.406 - 15.8	+ 24.9 + 15.7 - 15.8		124 124 110	12:38.1 +73 30 18C1612 W 7634		34 May 22.226 - 47.8 40 Apr 22.348 - 40.2 47 Mar 9.392 - 49.5	- 47.8 - 40.2 - 49.5	0.9	80 80 80
12:34.1 +79 46 HD 110010 W 7594		34 May 20.335 - 15.8 43 May 20.209 - 22.1 45 Apr 1.412 - 19.3 45 Apr 22.288 - 18.7	- 15.8 - 22.1 - 19.3 - 18.7		36 36 36 36						
12:34.2 +21 36 HD 110024 W 7603		28 May 10.255 - 6.3 28 May 10.292 - 11.1 47 Jun 2.198 - 16.8	- 6.3 - 11.1 - 16.8		36 36 36						
12:35.1 +28 03 U Com W 7610		33 Feb 2.491 + 30.0	+ 30.0		108						
12:36.0 +37 38 SW CVn W 7615		48 Apr 25.240 - 35.2	- 35.2		110						

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D (mm)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D (mm)
12:38.3 +75 54		34 May 21.369	- 28.7		80	12:42.2 +04 42		25 Jun 7.244	+ 36.		76
HD 110611		34 May 24.286	- 29.9		80	HD 111166		31 Apr 6.309	+ 3.		65
W 7635		43 Feb 26.449	- 38.5		80	RU Vir		31 Apr 7.400	- 4.		109
		45 May 28.253	- 35.9		80	W 7660		31 May 4.307	- 2.		109
								31 Jun 4.199	0		109
12:38.3 +10 39		45 Jan 27.510	- 19.0	+ 1.2	80			41 Jun 16.236	+ 12.0		65
HD 110612		45 Feb 26.425	- 17.3		80			42 Jan 9.488	+ 2.1		65
W 7637		45 May 5.251	- 5.4	2.7	80			42 Feb 7.499	- 11.2		65
		48 Mar 22.403	- 12.5		80			42 Mar 29.381	- 2.8		65
								42 May 27.272	+ 4.3		65
12:38.3 -37 09		23 Jan 26.542	- 42.2	0.3	37	12:42.2 -05 45		33 Jan 15.551	+ 13.1	+ 2.0	36
HD 110619		24 Jun 16.177	- 34.0	2.1	76	HD 111199		33 Mar 5.408	+ 12.2	0.4	36
W 7640		26 Apr 23.289	- 14.4	1.2	37	W 7663		33 Apr 10.281	+ 2.2		36
		44 May 30.167	- 34.4		110						
12:38.5 -01 01		29 Mar 5.410	- 0.2	1.6	36	12:42.6 +01 44		36 Jun 8.212	- 9.7		80
HD 110646		29 Apr 20.336	- 0.4		36	BD+1° 2756		44 May 4.247	- 10.6		80
W 7641		30 Mar 20.370	+ 3.4	2.3	36	W 7665		47 Apr 11.362	- 16.1		80
		31 Mar 31.348	- 0.2	0.4	36						
12:38.6 -27 47		27 Apr 22.292	+ 6.4	5.9	36	12:42.8 +04 07		12 Apr 28.344	+ 11.2	3.6	
HD 110666		27 Apr 22.323	+ 13.8	2.0	36	HD 111239		12 Jun 4.214	+ 5.4	4.6	
W 7642		27 May 12.234	+ 0.8	1.4	36	35 Vir		13 Mar 1.461	+ 7.0	6.4	
		31 May 31.189	+ 9.5	2.0	36	W 7666					
12:39.8 +52 19		45 May 2.330	+ 11.4		36	12:42.9 +10 19		34 May 22.261	+ 5.9		124
HD 110833		45 Jun 2.177	+ 10.9		36	20C737		43 Feb 14.521	+ 27.3		110
W 7644		46 Feb 9.507	+ 5.1		36	W 7668		43 May 25.302	+ 2.9		108
12:40.3 +39 50		15 Jun 2.188	+ 74.6	2.5		12:43.0 +63 20		12 Jun 7.207	- 16.6	2.0	
HD 110897		15 Jun 21.197	+ 79.9	0.2		HD 111270		12 Jul 8.185	- 18.1	0.1	
10 CVn		15 Jul 21.158	+ 80.6	3.6		W 7664		12 Aug 18.152	- 17.6	3.3	
W 7646											
						12:43.3 +19 52		43 Mar 25.402	- 3.3		80
12:40.4 +45 59		13 Dec 19.534	+ 17.2	3.1		HD 111307		46 Mar 22.414	- 6.5		80
HD 110914						W 7671		46 Apr 15.276	- 8.1		80
Y CVn											
W 7648						12:43.3 +14 06		13 Feb 16.536	+ 2.4	5.9	
						HD 111308		13 Mar 1.492	+ 1.4	2.3	
12:40.5 +14 55		36 May 12.236	- 10.6	1.4	38	28 Com		13 Jul 22.177	- 0.2	7.7	
HD 110932		42 Jun 5.162	+ 2.0		36	W 7670					
ADS 8659A		50 Mar 3.443	+ 22.1		36						
W 7650						12:43.4 -18 58		See ApJ 96. 344, 1942			
						X Crv					
12:40.5 +14 55		36 May 12.300	- 45.0		38	W 7673					
ADS 8659B		41 May 5.274	- 44.2		36						
W 7649		42 May 1.249	- 44.6		36	12:43.5 +67 20		11 Feb 10.483	+ 9.8	0.7	
						HD 111335		11 Feb 23.476	+ 9.3	0.7	
12:40.6 +08 13		13 May 26.298	- 43.8	2.9		7 Dra		11 Apr 17.229	+ 9.2	0.5	
HD 110951		13 Jun 18.205	+ 33.7	0.3		W 7669		11 Apr 20.377	+ 7.4	0.1	
32 d ² Vir		13 Jul 17.201	- 10.4	0.9				31 Mar 9.342	+ 9.0		36
W 7652								31 Mar 10.401	+ 5.8		36
12:41.3 +10 06		10 Apr 29.228	+ 44.0	1.6		12:43.9 +25 24		20 Mar 3.455	- 7.7		36
HD 111028		10 Jun 28.195	+ 32.7	5.8		HD 111395		20 Mar 30.405	- 5.5		36
33 Vir		11 Jan 22.479	+ 51.4	0.5		W 7674		20 Apr 9.353	- 8.7		36
W 7656		11 Feb 16.456	+ 50.7	0.4							
		11 Feb 17.469	+ 50.9	0.6		12:43.9 +14 41		12 Apr 3.362	- 4.9	2.7	
		31 Mar 9.364	+ 56.1		36	HD 111397		12 Jun 10.186	- 13.8	1.9	
		31 Mar 10.375	+ 50.3		36	29 Com		13 Jan 22.527	- 3.0	3.9	
		41 May 6.247	+ 50.7		80	W 7675		13 Mar 17.447	- 6.4	4.7	
12:41.6 +17 08		11 Feb 21.476	+ 54.2	4.5		12:44.1 +49 01		13 May 25.248	- 6.7	1.6	
HD 111067		11 Feb 22.524	+ 51.8	0.4		HD 111421		13 Jun 20.276	+ 2.1	0.5	
27 Com		11 Mar 20.323	+ 69.2	1.6		11 CVn		13 Aug 13.165	- 1.8	1.8	
W 7657		11 Jul 11.174	+ 68.0	0.7		W 7676					
		12 Feb 26.507	+ 51.8	1.5							
		12 Jun 3.235	+ 45.7	2.4							
						12:44.3 +60 52		22 Feb 4.534	- 17.1	2.5	36
12:42.2 +12 30		12 Apr 26.276	+ 13.0	1.8		HD 111456		22 Apr 1.380	- 7.7	1.2	36
HD 111164		12 Jun 6.222	- 4.9	8.1		W 7678		22 Apr 11.277	- 4.6	2.0	36
34 Vir		12 Jul 5.180	- 1.9	4.3				22 May 15.301	- 14.3	1.4	36
W 7659		13 Mar 26.428	- 0.3	8.8				22 Jun 11.174	- 4.0	1.4	80

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\frac{\text{\AA}}{\text{mm}}$ }	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\frac{\text{\AA}}{\text{mm}}$ }
12:44.4 +28 06		13 Jun 20.227	- 0.6	+ 7.6		12:48.4 +21 48		21 Feb 20.437	0.0		36
HD 111469		13 Jul 19.188	+ 0.6	3.8		HD 112033		21 Mar 18.433	- 2.8		36
30 Com		13 Aug 14.156	+ 2.2	1.6		35 Com		21 May 19.196	- 2.9	± 1.1	36
ADS 8674A						ADS 8695A		21 Jun 12.177	- 9.7		36
W 7679						W 7712					
12:44.6 -14 32		46 Jan 22.539	- 10.7		80	12:48.8 +47 12		43 May 12.262	- 28.4		80
HD 111499		47 Mar 6.419	- 14.2		80	HD 112082		45 Apr 5.359	- 19.0	1.8	80
W 7681		49 Feb 17.490	- 16.8		80	W 7713		46 May 20.303	- 29.9	6.1	80
								49 Apr 8.364	- 23.2	0.4	80
12:44.7 +01 46		15 Jun 24.212	- 2.6	0.0		12:48.9 +12 58		12 Dec 18.545	+ 2.2	2.0	
HD 111515		16 May 17.290	- 4.4			HD 112097		13 Jul 23.176	- 8.9	4.3	
W 7682		16 Jun 15.199	- 4.1			41 Vir		14 Mar 9.516	- 4.0	1.6	
12:45.1 +44 19		21 Jul 14.243	+ 8.3		81	W 7714					
Z CVn		25 Feb 3.524	+ 34.0		76	12:49.6 +56 30		16 Apr 16.286	- 7.8	0.3	
W 7683						HD 112185					
12:45.4 +38 04		13 Mar 16.517	- 0.4	4.6		77 ϵ UMa					
HD 111604		13 Jun 22.285	- 23.8	8.3		W 7722					
W 7685		13 Aug 14.187	- 4.0	1.5		12:50.0 -04 55		48 Mar 2.406	+395.0		108
12:45.6 -00 13		26 Feb 19.505	+ 5.8	1.5	37	AT Vir		48 Apr 27.267	+350.3		110
HD 111631		28 Feb 29.441	+ 10.8	1.2	76	W 7723		48 May 24.226	+307.5		108
W 7688		28 Apr 7.376	- 4.4	3.1	76			48 May 26.215	+395.6		110
12:46.2 -09 47		14 Jul 6.181	- 26.6	1.9		12:50.5 +12 02		43 May 15.266	- 51.4		80
HD 111720		15 May 24.240	- 18.8	0.9		HD 112278		46 May 19.248	- 52.9		80
ADS 8684A		15 Jun 21.168	- 16.6	2.6		ADS 8704A		49 Mar 12.429	- 51.3		80
W 7693		16 Feb 23.425	- 11.5	2.0		W 7727					
		16 Apr 15.351	- 10.3	0.8		12:50.6 +03 56		14 Apr 14.313	- 19.0	1.0	
12:46.2 -12 56		39 Mar 9.422	+ 25.5		70	HD 112300		14 May 16.298	- 16.8		
HD 111721		40 Mar 20.391	+ 30.5		70	43 δ Vir		14 Jun 13.147	- 15.8		
W 7694		43 Jun 23.156	+ 2.7		108	W 7728		32 May 16.270	- 22.8		38
		44 Apr 19.264	+ 16.0		110	12:51.1 -25 55		30 Jun 9.179	- 25.1		36
		44 May 12.151	+ 19.8		80	HD 112374		31 Mar 8.455	- 16.3	1.1	36
		45 Jun 25.173	+ 26.3		80	W 7734		31 Mar 9.415	- 21.6	0.8	36
12:46.5 +03 36		20 Apr 6.310	+ 2.2		36			31 Mar 28.361	- 25.1		36
HD 111765		20 May 26.243	+ 4.7		36	12:51.4 +70 26		31 Mar 30.365	- 21.7		36
37 Vir		20 Jun 1.298	+ 2.1		36	ADS 8705AB		43 Apr 19.283	- 24.0		80
W 7695						W 7731		44 May 14.264	- 27.5		36
12:46.8 +28 05		18 Feb 1.536	- 2.3	2.6	36			48 May 27.226	- 31.2		80
HD 111812		18 Mar 15.427	- 5.5	0.8	36	12:51.3 +38 52		16 Apr 13.345	+ 0.2	0.6	
31 Com		19 Jan 23.534	+ 2.5	2.4	36	HD 112413		27 Feb 3.427	- 2.1		Ce
W 7697		19 Mar 23.436	- 1.0	0.3	36	12 α^2 CVn					
		19 Jun 18.250	- 2.6		36	ADS 8706A					
12:47.2 +17 37		14 May 31.261	+ 0.4	0.4		W 7733					
HD 111862		14 Jul 7.169	- 5.0	1.0		12:52.6 +46 44		45 Apr 4.358	+ 6.3		36
32 Com		15 Jan 31.510	+ 3.3	0.7		HD 112570		45 Apr 21.285	+ 8.4		36
W 7701						W 7740		45 Jun 3.224	+ 7.3		36
12:47.4 +17 40		26 Jul 2.195	+ 3.0	1.0	36			47 May 12.259	+ 8.1		36
HD 111892		28 Jan 6.551	+ 11.3	4.8	36	12:52.6 -13 56		29 Feb 27.460	+ 2.9		76
W 7702		29 Apr 21.257	+ 11.4		36	HD 112575		35 Jun 23.163	+ 2.4		81
		30 Mar 19.422	+ 13.1		36	W 7741		49 Mar 6.378	+ 12.8	6.6	80
		31 May 27.219	+ 7.8		36			49 May 8.226	+ 4.1		80
		31 May 28.238	+ 6.4	0.0	36	12:52.9 +44 21		23 Jun 1.238	+ 3.0	1.1	36
12:47.6 -09 42		48 Mar 1.434	+ 93.2		108	HD 112610		39 Jun 9.174	+ 4.7		70
AS Vir						W 7742		40 Feb 17.462	- 1.0		36
W 7704								40 Mar 15.454	+ 0.8		36
12:48.0 -17 57		18 Mar 25.426	+141.7	6.8	80	12:53.9 -09 18		14 Jun 10.208	- 8.3		
HD 111980		18 Apr 26.314	+143.9	0.7	80	HD 112758		16 Apr 14.366	- 2.0	1.0	
W 7708		18 Apr 28.319	+146.2	7.7	80	W 7747		17 Feb 2.505	- 2.8	0.5	
12:48.1 -03 00		20 Apr 5.341	- 11.2	0.3	36	12:55.2 -02 10		25 Feb 4.509	- 13.1	2.2	76
HD 111998		20 May 26.205	- 7.0	1.4	36	HD 112943		26 Jun 25.189	+ 14.7		37
W 7709		20 Jun 29.195	- 1.6		36	W 7752		28 May 1.267	- 9.9		76
								28 Jun 3.224	- 12.3	1.3	76

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\frac{\text{\AA}}$ mm}	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\frac{\text{\AA}}$ mm}
12:55.3 +69 19 HD 112956 W 7749		24 Feb 19.526 - 16.5 30 Feb 9.553 + 16.1 30 Jun 11.277 + 13.0 36 Apr 10.365 + 10.8 45 Jan 28.439 + 6.0 45 Apr 23.260 + 21.6	- 16.5 + 16.1 + 13.0 + 10.8 + 6.0 + 21.6	+ 1.6 4.1	80 36 80 38 36 80	12:57.7 +24 02 HD 113303 ADS 8749A W 7775		46 Jun 19.186 + 1.2 48 Feb 18.460 + 7.7 48 Apr 16.295 + 7.6	+ 1.2 + 7.7 + 7.6		36 36 36
12:55.5 +06 14 20C754 W 7757		44 May 15.311 - 68.4 45 May 25.257 - 24.4 46 Apr 10.368 - 23.8e 46 Jun 6.274 - 58.5	- 68.4 - 24.4 - 23.8e - 58.5		220 110 110 110	12:57.9 +64 09 HD 113337 W 7773		26 Feb 22.513 - 13.7 28 May 30.273 - 13.0 29 Apr 29.274 - 8.2 30 Feb 18.453 - 9.1	- 13.7 - 13.0 - 8.2 - 9.1	+ 0.1 5.4 5.6	36 36 36 36
12:55.5 -02 50 HD 112992 46 Vir ADS 8732A W 7754		28 Apr 8.369 + 26.6 29 Jan 29.530 + 23.0 29 May 28.206 + 16.7 30 Feb 14.466 + 25.4	+ 26.6 + 23.0 + 16.7 + 25.4	0.6 1.5 1.6	36 36 36 36	12:58.4 +24 21 HD 113406 W 7780		46 May 19.280 + 5.4 46 Jun 12.168 + 10.5 48 Jun 23.163 - 2.0 49 May 10.279 + 8.8	+ 5.4 + 10.5 - 2.0 + 8.8		80 80 80 80
12:55.7 +18 55 HD 113022 ADS 8735A W 7759		19 Apr 9.356 + 1.4 19 Apr 11.349 - 0.8 19 May 11.290 + 2.5	+ 1.4 - 0.8 + 2.5	3.2 1.7 0.8	36 36 36	12:58.4 -20 03 HD 113415 ADS 8757AB W 7782		28 Feb 7.520 + 29.4 28 Mar 22.419 + 34.7 28 May 29.229 + 34.9	+ 29.4 + 34.7 + 34.9	6.1	36 36 36
12:55.7 +12 56 20C755 W 7760		44 Jan 17.403 - 9.4 44 Feb 3.372 - 30.8 44 Apr 16.344 + 1.9 44 May 10.304 - 17.9 44 Jun 3.174 + 1.1	- 9.4 - 30.8 + 1.9 - 17.9 + 1.1		108 110 108 108 108	12:58.8 -03 08 HD 113459 48 Vir ADS 8759AB W 7784		29 Feb 27.469 + 1.4 30 Apr 16.296 - 3.5 31 Jan 29.533 + 17.2 32 Jan 21.531 + 1.9 34 May 4.240 - 14.8 39 Apr 3.328 + 12.4	+ 1.4 - 3.5 + 17.2 + 1.9 - 14.8 + 12.4	2.8 10.0 13.6	36 36 36 36 36 36
12:56.1 -26 50 HD 113083 W 7765		19 Apr 12.337 +231.0 19 Apr 21.316 +226.8 19 May 8.238 +221.2	+231.0 +226.8 +221.2	4.3 1.3 9.2	80 80 80	12:59.1 +11 46 HD 113496 W 7785		43 Mar 27.404 - 3.4 44 May 15.257 - 2.8 45 May 24.211 + 0.2	- 3.4 - 2.8 + 0.2		80 80 80
12:56.2 +67 08 HD 113092 9 Dra W 7755		20 Apr 12.352 - 30.0 21 Apr 28.276 - 25.8 22 Jan 9.566 - 30.1 22 Jun 11.206 - 24.6	- 30.0 - 25.8 - 30.1 - 24.6	0.3 0.0 1.3	36 36 36 80	12:59.4 +43 32 HD 113545 W 7786		46 Mar 9.523 + 16.7 46 Jun 15.165 + 11.7 49 Jul 4.160 + 15.2	+ 16.7 + 11.7 + 15.2		80 80 80
12:56.2 +17 40 HD 113095 38 Com W 7763		17 Mar 13.439 - 6.4 17 May 7.261 - 6.8 17 Jun 29.219 - 4.3	- 6.4 - 6.8 - 4.3	0.1 0.9 0.6		13:00.3 +23 49 RY Com		47 Feb 1.520 - 32.2	- 32.2		110
12:56.2 +16 24 HD 113097 ADS 8740A W 7766		28 Jun 4.212 + 12.0 30 Mar 13.466 + 6.4 34 Feb 27.434 + 2.6	+ 12.0 + 6.4 + 2.6	6.0 2.6	76 76 76	13:01.1 +36 20 HD 113797 14 CVn W 7794		11 Jan 20.484 - 22.0 11 Feb 18.435 - 13.6 11 Mar 18.394 - 15.0 12 Jan 12.528 - 17.0 12 Jun 1.249 - 2.1 12 Jun 26.257 + 2.8 13 Mar 28.443 - 4.4 13 Apr 24.346 - 13.9	- 22.0 - 13.6 - 15.0 - 17.0 - 2.1 + 2.8 - 4.4 - 13.9	9.0 4.2 2.8 4.5 1.3 4.1 5.0 2.3	
12:56.2 -07 54 HD 113101 W 7764		16 Jun 17.194 - 22.5 18 Mar 24.424 - 22.5 18 Apr 29.283 - 44.9 19 May 8.324 - 22.2 19 Jun 17.219 - 41.0 20 May 27.250 - 28.5 21 May 14.292 - 28.7	- 22.5 - 22.5 - 44.9 - 22.2 - 41.0 - 28.5 - 28.7	2.1 7.1 2.6 2.0 2.2 37 0.8	36 80 80 80 37 37	13:01.1 -19 31 HD 113801 W 7796		26 Apr 27.281 - 14.7	- 14.7		76
12:56.4 +02 03 HD 113126 W 7768		45 Mar 28.352 + 19.0 46 Mar 24.406 + 6.9 47 Apr 28.296 + 6.3 48 Mar 21.415 + 5.7	+ 19.0 + 6.9 + 6.3 + 5.7	0.8 5.0	80 80 80 80	13:01.2 -14 23 HD 113817 W 7798		28 Apr 8.352 - 11.0 36 Apr 12.347 - 8.4 37 Apr 18.308 - 15.6	- 11.0 - 8.4 - 15.6	0.8	36 38 38
12:56.5 +56 55 HD 113139 78 UMa ADS 8739A W 7762		13 Apr 29.307 - 3.8 13 Jun 15.326 - 5.0 13 Jul 16.232 - 0.2	- 3.8 - 5.0 - 0.2	1.2 2.0 0.9		13:01.3 +84 48 HD 113826 W 7781		43 Jul 10.218 - 30.3 46 Jun 14.245 - 29.5 47 Apr 27.361 - 33.2	- 30.3 - 29.5 - 33.2		80 80 80
12:57.6 +05 43 HD 113285 RT Vir W 7776		See ApJ 96, 344, 1942				13:01.4 +45 48 HD 113847 ADS 8775A W 7795		28 May 14.267 - 13.3 28 Jun 4.172 - 25.5 29 Apr 22.270 - 15.1 30 Feb 6.451 - 18.8 32 Mar 25.434 - 23.0	- 13.3 - 25.5 - 15.1 - 18.8 - 23.0	0.2 1.8 4.3 1.9 0.7	36 36 36 36 36
						13:01.4 +21 42 HD 113848 39 Com W 7799		22 Mar 21.356 + 0.3 22 May 7.340 + 3.4 22 May 11.275 + 0.6	+ 0.3 + 3.4 + 0.6	3.9	36 36 36
						13:01.5 +29 34 HD 113865 ADS 8777A W 7797		14 Feb 3.545 + 1.6 14 Jul 10.168 + 9.0 16 Apr 19.401 - 0.6 20 May 31.209 - 2.2	+ 1.6 + 9.0 - 0.6 - 2.2	3.0 0.8 2.7	36 36 36

TABLE 2—Continued

R.A. (1900) Name	Decl. (1900)	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D {mm}	R.A. (1900) Name	Decl. (1900)	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D {mm}
13:01.5 +23 09		15 Dec 16.518	- 7.7	+ 1.6		13:04.3 -21 38		42 May 28.233	- 9.0		36
HD 113866		16 Mar 22.401	- 3.7	1.1		HD 114260		42 Jun 30.181	+ 1.0		36
40 Com		16 Apr 13.412	- 2.5			W 7825		45 May 20.219	- 10.9		80
W 7801		16 Apr 18.340	- 2.4	0.0				45 Jun 4.204	- 6.2		36
13:02.2 +01 08		36 Mar 30.395	- 84.3		36	13:04.5 +88 11		36 May 11.248	- 50.8		38
HD 113984		37 Apr 30.295	- 96.4		38	HD 114282		43 Jul 10.267	- 55.7		80
ADS 8786A		42 May 23.164	- 93.4		36	W 7761		45 May 28.324	- 55.9		80
W 7807											
13:02.3 +01 08		42 May 23.219	- 82.6		36	13:04.5 -09 48		14 Jul 8.177	- 9.6	+ 3.8	
ADS 8786B		43 May 14.262	- 90.6		80	HD 114287		15 Feb 4.530	- 2.9		
W 7806		43 Jun 14.191	- 87.7		80	50 Vir		15 Apr 2.392	- 8.1	0.1	
						W 7827					
13:02.4 +62 35		20 Mar 4.487	+ 12.6	2.3	36	13:04.6 +18 00		20 May 11.382	- 27.5		37
HD 113994		20 Apr 4.392	+ 20.7	1.2	36	HD 114300		20 May 28.317	- 24.8	1.2	37
W 7805		20 May 9.292	+ 12.4	2.0	36	W 7826		23 May 5.368	- 18.4	3.4	37
		21 Jan 24.532	+ 16.8	1.6	36			23 May 27.281	- 27.8		37
13:02.4 +28 10		20 Mar 5.434	- 16.4		36	13:04.8 -05 00		11 Mar 13.416	- 2.8	0.6	
HD 113996		20 Mar 5.451	- 12.0	0.5	36	HD 114330		11 Mar 24.400	- 7.2	0.4	
41 Com		20 Jul 2.171	- 19.6	2.3	36	51 0 Vir		12 Jun 2.198	- 7.9	0.9	
W 7808						ADS 8801A					
						W 7830					
13:02.9 +24 32		21 Feb 26.492	+ 3.0	1.2	36	13:05.0 +37 57		34 Jun 21.206	- 16.0		36
HD 114060		21 Apr 20.363	+ 0.6	1.3	36	HD 114357		39 Apr 10.278	- 16.6	1.6	38
W 7810		21 Jul 18.196	- 6.6		36	W 7829		42 Jan 28.522	- 20.5		36
		21 Jul 19.199	- 9.4	1.4	36			45 Apr 21.318	- 16.1		36
		22 May 5.395	- 14.4	4.5	36						
		22 Jun 3.338	+ 0.4	1.2	37						
		25 May 1.333	- 2.6		36	13:05.1 +19 04		18 Mar 3.443	- 19.4		36
13:02.9 +24 32		22 Feb 4.522	- 3.9		37	HD 114378,9		18 Apr 20.454	- 18.6		36
18C1684B		22 Jun 3.283	+ 1.6		37	ADS 8804AB		18 Apr 23.256	- 18.7		36
W 7811		23 Mar 27.438	+ 3.7		37	W 7832					
13:03.2 +04 19		25 Apr 14.303	- 54.2	1.4	76	13:05.2 +29 22		37 Jun 16.199	+ 2.6		80
HD 114094		25 Jul 2.187	- 64.8	4.8	76	HD 114401		38 Apr 8.353	- 9.0		80
W 7816		26 Jan 24.510	- 52.8	3.2	76	W 7833		38 Apr 17.416	- 8.3		80
								39 May 7.309	- 1.7		70
13:03.3 -08 27		28 Apr 13.312	+ 10.6	0.9	36			40 May 26.184	- 2.2		80
HD 114113		32 May 22.253	+ 23.3	2.1	36	13:05.5 +29 59		38 May 12.267	+ 9.0	1.5	63
W 7817		33 Apr 9.334	+ 16.6	1.7	36	HD 114448		39 Apr 6.309	+ 0.7		70
						W 7836		39 May 9.247	- 1.9		70
13:03.4 +19 05		55 May 13.386	- 13.2		220						
Z Com						13:05.8 +13 51		26 Jan 26.539	- 11.1	2.2	36
13:03.6 -22 35		31 Mar 3.441	- 21.3		36	HD 114493		28 Jan 10.543	- 18.6		36
HD 114149		48 Apr 17.292	- 31.0	0.2	36	ADS 8810A		28 Apr 6.427	- 24.2		36
45 0 Hya		49 May 9.199	- 19.5		36	W 7837		28 Jul 4.198	- 20.2		36
W 7821		50 Mar 4.403	- 17.4		36						
13:03.7 +43 44		43 Mar 28.399	- 20.2		80	13:06.0 +36 28		See ApJ, 72, 41, 1930			
HD 114159		46 Jun 14.174	- 11.9		80	HD 114519					
W 7818		48 Apr 18.355	- 19.0		80	RS CVn					
						W 7838					
13:03.8 +29 55		38 Apr 12.369	- 38.4		80	13:06.5 +10 10		10 Apr 24.286	+ 23.4	2.3	50
HD 114172		38 Jun 8.171	- 35.0		63	HD 114606		16 Apr 17.416	+ 19.9		
W 7819		38 Jun 16.180	- 40.8		63	W 7842		16 May 18.267	+ 20.3		
		39 May 7.264	- 46.4	2.2	70			16 Jun 11.253	+ 17.0	0.6	
13:03.8 +05 46		10 Apr 30.274	+ 5.7	3.1	50	13:06.5 -37 16		21 Apr 19.273	- 11.1	1.4	37
HD 114174		10 May 14.209	+ 23.0	4.8	50	HD 114613		22 Jan 9.558	- 10.0	0.5	37
W 7820		10 May 20.209	+ 21.2	0.4	50	W 7847		23 Apr 28.302	- 17.4	1.4	37
		13 Feb 16.558	+ 21.3	0.7							
		13 Mar 19.517	+ 25.2	3.4		13:06.7 +29 24		38 Apr 12.330	- 11.4		80
		13 Apr 26.360	+ 31.7	8.4		HD 114635		38 Jun 6.214	- 19.8	1.9	63
						W 7843		39 May 8.275	- 3.2	2.0	70
								49 Mar 10.452	- 11.3		80
13:04.3 +10 33		14 Jan 14.523	+ 1.8	2.2							
HD 114256		14 Feb 7.470	- 0.5			13:06.9 +41 20		30 May 11.277	+ 1.2	0.2	36
W 7824		14 Mar 6.480	- 0.9			HD 114674		31 Mar 11.378	- 5.8	0.1	36
						W 7846		32 Feb 19.495	- 0.1	1.0	36

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\frac{\text{\AA}}$ mm}	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\frac{\text{\AA}}$ mm}
13:07.0 -34 12		26 May 22.241	+ 8.4	+ 2.8	37	13:09.3 +57 12		37 Apr 22.271	- 19.2	+ 0.4	38
HD 114692		28 Jan 13.533	- 1.1		37	HD 115019		38 Jun 13.172	- 13.3		63
W 7853		28 Apr 6.365	- 5.3		76	W 7869		42 Apr 1.369	- 22.2	1.4	36
		28 Apr 30.331	+ 1.0		76						
13:07.1 +68 02		20 May 1.410	- 6.8	5.3	80	13:09.5 +57 14		35 Jun 20.171	- 6.1		38
HD 114703		20 May 29.210	- 15.6	2.1	80	HD 115043		36 Mar 13.392	- 14.0		36
W 7841		21 Jun 24.314	- 17.6	7.1	80	W 7875		37 Feb 24.499	- 9.8		38
		23 Mar 30.493	- 7.3	3.8	80						
13:07.2 +28 23		16 Feb 18.545	+ 5.6	0.7		13:09.5 +11 52		25 Jun 14.220	+ 16.0	0.0	36
HD 114710		16 Apr 15.392	+ 6.5	0.5		HD 115046		26 Feb 27.465	+ 5.6	0.4	36
43 β Com		16 May 21.251	+ 4.7	0.9		ADS 8832A		26 Apr 24.310	+ 16.1		36
W 7850						W 7879		29 Mar 25.388	+ 6.8	3.5	36
								30 Apr 19.307	+ 13.4	0.1	36
13:07.3 +32 39		23 Jun 7.207	- 8.1	0.5	36	13:09.6 +67 52		35 Mar 15.375	+ 6.0		38
HD 114723		24 May 12.264	- 15.4	1.1	36	HD 115061		37 Jun 25.219	+ 5.7		38
ADS 8814A		24 Jun 20.184	- 26.0	2.3	36	W 7867		42 Mar 1.441	+ 1.8		36
W 7851		25 Mar 15.503	- 18.2	2.8	36						
		27 Apr 14.356	- 6.9	1.1	36	13:09.6 -09 50		34 Apr 21.333	+ 22.5		36
13:07.3 -31 20		21 Apr 19.326	+ 69.6	2.1	37	HD 115062		42 Mar 8.419	+ 29.9		36
HD 114729		22 Apr 10.344	+ 57.5	8.7	37	W 7881		45 Mar 9.433	+ 31.1		80
W 7855		23 Apr 28.322	+ 55.9	2.1	37						
		23 May 27.227	+ 60.4	1.5	37	13:09.7 -10 49		23 May 28.277	+ 12.8	0.4	37
						HD 115079		45 Mar 9.465	+ 9.6		80
13:07.5 +18 02		17 Mar 7.481	+ 50.1	1.2		W 7883		48 Jun 21.162	+ 6.3	5.7	80
HD 114762		17 Apr 7.332	+ 48.5	0.6							
W 7854		17 May 2.401	+ 49.4	1.5		13:09.7 -10 50		21 Jun 13.186	+ 8.3	1.8	36
		34 Apr 25.415	+ 53.8	0.5	36	HD 115080		21 Jun 22.199	+ 2.0	1.1	36
		36 Mar 6.357	+ 46.0	1.0	36	W 7882		24 Jun 15.204	+ 8.3	1.6	36
		37 Mar 20.430	+ 49.9	1.2	38			25 Feb 10.524	+ 9.9		36
		47 Feb 11.458	+ 49.9		10			42 May 24.163	+ 9.1		36
								43 May 17.247	+ 8.7		80
13:08.1 -18 18		12 May 30.236	+ 18.0	4.2		13:10.1 +67 49		35 May 24.293	+ 5.7		36
HD 114846		13 Apr 27.312	- 81.9	11.5		HD 115136		36 Mar 13.477	+ 4.7		36
54 Vir		13 May 17.262	- 99.9	1.2		W 7876		37 Jun 25.302	+ 3.3		38
ADS 8824A		26 Mar 23.420	- 1.7		36						
W 7861						13:10.5 -19 25		16 May 13.256	+ 34.1		36
13:08.1 -18 18		19 Jan 18.580	- 34.4	4.1	36	HD 115202		18 Apr 22.226	+ 28.2	1.2	36
ADS 8824B		33 Jan 7.542	- 20.2	4.2	80	57 Vir		19 Jan 18.534	+ 32.3	2.2	36
W 7862		48 Apr 17.354	- 43.2	3.0	36	W 7885					
		50 Mar 4.448	- 8.4		36						
13:08.5 +37 54		45 May 24.266	- 40.9		80	13:11.4 +07 02		44 Jun 12.158	- 21.9		80
S CVn		50 Apr 23.286	- 26.7	5.2	70	HD 115322		49 Feb 6.470	- 19.0		80
W 7864		50 Apr 30.354	- 44.6	3.1	70	W 7890					
		50 Jun 28.219	- 51.2		80						
13:08.8 -19 24		23 May 30.168	- 44.2	0.3	36	13:11.5 +81 00		14 Feb 10.363	- 11.6		
HD 114946		23 Jun 4.219	- 39.6	2.2	36	HD 115337		14 Apr 3.445	- 13.8	1.9	
55 Vir		23 Jun 26.160	- 49.7		36	W 7878		14 May 6.349	- 4.1	3.2	
W 7874											
13:08.9 +01 59		34 May 30.244	- 7.2	1.9	36	13:11.5 +28 17		39 Apr 7.348	+ 14.2		70
HD 114960		42 Jan 31.466	+ 6.3		36	HD 115339		39 Apr 9.317	+ 18.4		38
W 7871		42 Apr 24.224	+ 1.1		36	W 7891		42 May 31.201	+ 15.2	0.1	36
		49 May 8.285	+ 8.3		80			45 May 27.278	+ 21.2		80
13:08.9 -02 17		See ApJ 96, 344, 1942				13:11.8 +09 56		18 Jul 21.158	- 27.8	1.7	36
HD 114961						HD 115383		19 Jan 19.518	- 25.0	1.2	36
SW Vir						59 Vir		19 Feb 13.504	- 20.1	1.1	36
W 7873						W 7894					
13:09.0 +37 25		47 Apr 7.358	+ 11.5	3.1	80	13:11.9 +17 34		16 Mar 22.451	+ 6.9		
HD 114975		49 Jul 5.180	+ 0.6		80	HD 115404		17 Mar 5.430	+ 3.4	0.4	
W 7868		50 Feb 3.528	- 2.2		80	ADS 8841A		17 Apr 8.473	+ 5.1	2.0	
		50 May 29.184	- 2.8		80	W 7895		34 May 27.274	+ 9.3		65
								41 May 6.347	+ 5.2		80
13:09.2 +40 41		34 May 27.191	- 17.5		36	13:11.9 +17 34		44 Jan 17.472	+ 17.0		108
HD 115004		35 Apr 24.303	- 23.1		36	ADS 8841B		44 Feb 2.465	+ 2.8		110
W 7872		36 Feb 10.516	- 19.0		38	W 7896		44 Apr 18.340	+ 10.5		110
								44 May 11.340	+ 7.7		108
						13:12.2 -10 01		33 Jun 9.175	+ 4.5		36
						HD 115466		34 Mar 28.366	+ 9.2		36
						W 7899		34 Apr 20.358	+ 3.8		36

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D (mm)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D (mm)
13:12.2 -15 01		28 May 17.201	+ 29.0		37	13:15.2 +09 44		48 May 17.227	+ 27.4		110
HD 115467		37 Apr 1.344	+ 21.2		38	AV Vir					
W 7901		37 May 20.231	+ 21.5		38	W 7922					
		38 May 9.266	+ 26.0		38						
		40 Feb 16.521	+ 25.6		36	13:15.4 +48 19		45 May 19.281	- 6.1		108
13:12.3 +14 12		14 Feb 5.537	- 24.1	+ 2.4		HD 115953		46 Apr 23.424	+ 19.9		80
HD 115478		14 Mar 15.481	- 26.8	1.8		ADS 8862A		48 Apr 28.266	+ 7.2		110
W 7898		14 May 17.267	- 28.2			W 7920					
		38 May 8.269	- 21.7		38	13:15.5 +38 42		37 Feb 28.377	- 19.2		38
		39 Apr 11.428	- 23.1		36	HD 115968		42 Jun 3.239	+ 3.7		36
13:12.6 +06 00		14 Apr 12.379	+ 26.9	1.3		W 7926		43 Apr 21.300	+ 19.0		36
HD 115521		14 May 13.248	- 31.8	1.2		13:15.8 +40 41		30 May 13.256	- 21.1		36
60 σ Vir		14 Jun 13.157	- 24.6	1.1		HD 116010		31 Feb 28.449	- 23.0	+ 1.3	36
W 7902						23 CVn		31 Mar 14.442	- 19.4	0.1	36
						W 7928					
13:12.7 +14 18		23 Jun 1.179	- 8.7	2.0	36	13:15.8 +04 39		16 May 15.326	- 17.8	2.1	
HD 115539		25 May 3.331	- 4.2	0.9	36	HD 116012		16 Jun 13.256	- 23.8		
W 7903		25 May 4.272	- 13.7	0.5	36	W 7930		16 Jun 16.270	- 27.3	2.9	
13:12.8 -17 47		24 Feb 15.501	- 11.3	7.1	76			17 Mar 8.470	- 24.7	2.0	
HD 115559		24 Apr 13.319	+ 5.9	5.0	76			17 Jun 8.264	- 21.8	4.9	
W 7906		24 May 21.260	+ 33.7	2.7	76	13:16.1 +43 39		16 May 16.512	- 31.6		
		24 Jun 21.195	+ 24.1		76	HD 116056		16 May 16.322	- 42.6	2.4	
		25 Mar 15.461	+ 13.9		76	W 7931		16 May 22.282	- 38.5		
13:13.0 +21 19		30 May 29.256	- 97.3		76	13:16.8 -12 03		26 May 21.252	- 31.6	5.1	36
ST Com						HD 116175		27 Jun 9.241	- 36.0	0.1	36
W 7905						W 7940		27 Jul 11.184	- 31.6	2.5	36
13:13.2 -17 45		16 May 20.281	- 7.8			13:17.0 +18 16		47 May 2.212	- 26.6		80
HD 115617		18 Mar 3.476	- 12.5	0.6	36	HD 116206		47 May 6.265	- 25.6		80
61 Vir		18 Apr 22.254	- 10.9	0.1	36	ADS 8871A		50 Apr 21.426	- 19.8		80
W 7907						W 7937					
13:13.5 -22 39		17 May 12.258	- 7.9			13:17.0 +18 16		47 May 6.328	- 22.9		80
HD 115659		18 Apr 19.307	- 9.7		36	ADS 8871B		50 Apr 21.364	- 16.4	0.6	80
46 γ Hya		19 Jan 22.561	- 2.3		36	W 7938		50 Jun 29.206	- 26.2		80
W 7911						13:17.2 +05 41		11 Mar 13.373	- 12.6	0.3	
13:13.8 -02 32		41 Feb 5.524	+123.4		124	HD 116235		11 Mar 15.416	- 15.2	2.5	
20C770		43 Feb 13.497	+126.0		110	64 Vir		11 Mar 16.412	- 10.0	3.4	
W 7913		43 Jul 14.193	+120.8		108	W 7941		11 Apr 13.344	- 9.4		
13:13.8 -22 30		41 May 9.289	- 60.8	5.6	80			12 Jul 1.203	- 11.6	0.5	
BD-22° 3557		47 Mar 29.360	- 55.2	10.4	80			13 Mar 30.358	- 12.8	1.3	
W 7914		48 Apr 19.306	- 56.8	5.9	80	13:17.3 +06 24		48 Apr 25.358	- 13.3		110
13:13.9 +40 26		47 Mar 1.394	- 20.9		80	BC Vir					
HD 115721		48 Mar 26.361	- 32.8		80	W 7942					
ADS 8852A		49 Jun 12.174	- 23.0		80	13:17.5 -12 40		47 May 2.235	+ 1.3	4.3	80
W 7910		49 Jul 5.205	- 25.0		80	HD 116275		49 May 9.219	- 24.3		80
13:13.9 +34 37		35 Apr 11.313	- 17.5		36	ADS 8878A		50 Feb 28.448	- 29.1		80
HD 115723		37 Feb 22.433	- 19.1		38	W 7944		50 Apr 23.302	- 33.9		80
W 7909		37 Jun 1.206	- 18.5		38	13:17.6 -17 13		41 Jun 2.171	- 29.4		36
		41 Jun 2.153	- 16.9		36	HD 116292		47 Jan 10.530	- 28.9		36
13:14.9 +35 40		19 May 14.211	- 4.7	0.7	80	63 Vir		47 Feb 6.516	- 29.3		36
ADS 8861A		20 Mar 7.493	- 0.6	5.7	37	W 7945					
W 7918		20 Apr 7.351	- 1.9	0.6	37	13:17.7 +44 26		24 Feb 13.517	- 1.4	0.8	36
13:15.1 +46 03		24 Jul 20.224	+ 5.0		36	HD 116303		24 Feb 13.551	- 2.8	1.5	36
HD 115898		25 Apr 11.458	+ 14.8		80	W 7943		24 Jul 23.156	- 0.7		36
V CVn		See also ApJ 85, 9, 1937				13:17.9 -14 53		40 Apr 20.320	+ 28.4		70
W 7919						HD 116332		40 May 17.258	+ 34.3		70
13:15.1 -10 47		28 Apr 12.349	+ 60.2	2.1	36	W 7946		40 May 24.215	+ 22.0		80
HD 115903		28 Jun 7.209	+ 34.6	0.1	36	13:18.1 -04 24		28 Jun 15.164	+ 11.9	1.4	36
W 7924		29 Feb 20.479	+ 56.9		36	HD 116365		30 Mar 11.431	+ 8.5		36
		30 Feb 12.527	+ 51.3		36	65 Vir		31 May 28.279	+ 10.4	1.4	36
						W 7948					

TABLE 2—Continued

R.A. (1900) Name	Dec1.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\frac{\text{\AA}}{\text{mm}}$ }	R.A. (1900) Name	Dec1.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\frac{\text{\AA}}{\text{mm}}$ }
13:18.7 +85 17 HD 116459 W 7915		28 May 29.365 + 15.6 30 Feb 13.528 + 18.5 32 Apr 14.477 + 7.6 33 Jun 15.276 + 7.8	+ 15.6 + 18.5 + 7.6 + 7.8	+ 1.0 0.6 0.6 2.3	36 36 36 36	13:22.3 +56 47 SX UMa W 7975		27 Apr 10.351 - 79.5 31 Apr 29.396 -126.6	- 79.5 -126.6	± 4.0	76
13:18.8 +47 31 HD 116475 W 7950		45 Apr 5.397 - 5.5 46 Jun 15.193 - 10.4 47 Feb 2.533 - 10.4	- 5.5 - 10.4 - 10.4		80 80 80	13:22.6 +63 46 HD 117043 W 7974		15 Jun 2.243 - 31.7 18 May 31.329 - 29.4 18 Jul 17.203 - 28.3	- 31.7 - 29.4 - 28.3	5.3 0.8	36 36
13:18.9 +29 45 HD 116495 ADS 8887AB W 7953		20 May 1.367 - 41.0 21 Apr 13.390 - 29.2 22 Jun 8.221 - 37.5 26 Apr 24.343 - 46.0	- 41.0 - 29.2 - 37.5 - 46.0	7.7 3.0 3.7 0.7	37 37 37 37	13:23.0 -24 42 HD 117104 W 7986		34 Apr 26.333 - 32.7 42 Jun 4.198 - 38.8 45 Apr 27.305 - 25.9 48 Jun 24.165 - 40.0	- 32.7 - 38.8 - 25.9 - 40.0	2.8 1.5	36 36 80 80
13:19.3 -04 39 HD 116568 66 Vir W 7960		33 Mar 5.483 + 24.2 33 May 7.230 + 13.6 34 Jan 4.539 + 13.1 34 Jan 6.501 + 6.7	+ 24.2 + 13.6 + 13.1 + 6.7	0.2	36 36 36 36	13:23.2 -00 19 HD 117126 W 7988		16 Feb 15.540 - 6.4 18 Apr 27.344 - 2.6 18 May 20.232 + 7.5 19 Apr 21.366 - 15.8 19 Jun 15.205 - 2.7 19 Jul 12.202 - 3.7 20 Mar 3.512 + 31.1 20 Mar 8.495 - 8.0	- 6.4 - 2.6 + 7.5 - 15.8 - 2.7 - 3.7 + 31.1 - 8.0	2.6 1.7 1.2 1.5 2.7 1.0 1.6 2.0	80 80 80 80 36 37 37
13:19.9 +55 27 HD 116656 79 ζ UMa ADS 8891A W 7958		27 Jun 12.151 - 5.7 27 Jun 12.352 - 35.9 27 Jun 13.139 - 75.9 27 Jun 13.186 - 79.9 27 Jun 14.138 - 82.6 + 56.7	- 5.7 - 35.9 - 75.9 - 79.9 - 82.6 + 56.7		5 5 5 5 5	13:23.2 -01 49 20C780 W 7989		42 Apr 25.285 - 23.4 43 Aug 11.188 - 25.7 44 Feb 3.472 - 44.2 44 May 12.283 - 30.5	- 23.4 - 25.7 - 44.2 - 30.5		110 110 110 108
13:20.3 +24 22 HD 116706 W 7964		14 Feb 2.547 - 4.0 14 Apr 16.334 + 5.6 14 May 11.278 + 5.8 14 Jul 11.209 + 0.3	- 4.0 + 5.6 + 5.8 + 0.3	4.3 4.6 2.7		13:23.5 +14 19 HD 117176 70 Vir W 7991		10 Apr 29.271 - 29.6 10 Jun 30.196 - 0.5 17 Mar 6.437 + 4.8 17 Jul 9.205 + 3.0 18 Mar 2.440 + 8.0	- 29.6 - 0.5 + 4.8 + 3.0 + 8.0	7.7 5.4 0.4 3.6 0.8	50 50 36 36
13:20.3 -39 14 HD 116713 W 7965		21 Feb 20.497 + 67.4 21 Jun 24.186 + 66.8 23 Apr 28.341 + 41.2	+ 67.4 + 66.8 + 41.2	1.8 3.7 6.7	37 37 37	13:23.6 +72 55 HD 117187 W 7981		17 Apr 2.351 - 48.2 17 May 11.360 - 47.4 18 May 1.394 - 45.8 21 Apr 29.273 - 45.8	- 48.2 - 47.4 - 45.8 - 45.8	2.1 0.0	36 36
13:20.9 -02 52 HD 116802 W Vir W 7968		See ApJ 86, 363, 1937; 116, 331, 1952				13:24.0 -18 13 HD 117246 W 8004		27 Apr 23.336 + 23.9 27 May 11.283 + 16.3 30 Mar 12.447 + 19.2	+ 23.9 + 16.3 + 19.2		36 36 36
13:21.2 +55 30 HD 116842 80 UMa W 7966		13 Apr 23.342 - 6.6 13 May 22.318 - 5.0 13 Jun 11.321 - 4.0	- 6.6 - 5.0 - 4.0	7.8 5.9 6.2		13:24.1 +34 11 HD 117262 W 7996		16 May 11.333 - 12.4 21 Mar 31.344 - 6.3 21 Jul 18.181 - 7.2 28 Apr 11.403 - 3.5	- 12.4 - 6.3 - 7.2 - 3.5	1.0	37 37 76
13:21.3 -23 46 HD 116858 W 7969		35 Jun 13.170 - 12.2 45 May 25.225 - 7.4 46 Apr 11.323 - 11.7	- 12.2 - 7.4 - 11.7	5.8	80 80 80	13:24.1 -00 51 HD 117267 W 8000		28 May 28.208 + 43.6 29 May 3.297 + 36.2 30 Feb 14.533 + 38.0	+ 43.6 + 36.2 + 38.0	2.0 1.3	36 36 36
13:21.4 -12 11 HD 116870 68 Vir W 7971		27 Jan 24.543 - 24.9 27 Apr 22.358 - 27.3 27 Apr 22.390 - 32.1	- 24.9 - 27.3 - 32.1	0.9 1.2 1.8	36 36 36	13:24.2 +12 00 ADS 8917A W 7999		22 Apr 8.314 + 0.6 22 Jun 5.280 + 7.9 22 Jun 7.191 + 4.7	+ 0.6 + 7.9 + 4.7	0.1	37 37 37
13:21.7 -23 46 HD 116920 W 7978		35 Mar 20.382 - 9.8 35 Jun 14.176 - 2.5 46 May 18.231 - 7.1	- 9.8 - 2.5 - 7.1		80 80 80	13:24.3 +11 20 HD 117304 71 Vir W 8003		29 Feb 21.472 - 0.0 30 May 15.255 - 3.4 31 Jun 1.182 - 9.7	- 0.0 - 3.4 - 9.7	0.9 0.5 0.3	36 36 36
13:21.8 +68 43 HD 116926 W 7967		26 Apr 27.386 - 14.4 48 Mar 26.432 - 16.9 48 Apr 20.351 - 26.0 48 Jun 20.222 - 23.0	- 14.4 - 16.9 - 26.0 - 23.0	3.3	80 80 80 80	13:24.4 +70 51 HD 117317 W 7990		15 May 29.217 - 46.0 15 Jul 21.202 - 37.6 16 Feb 18.514 - 36.6	- 46.0 - 37.6 - 36.6	0.2 1.9 1.6	
13:22.1 -15 27 HD 116976 69 Vir W 7980		24 Mar 15.433 - 9.8 26 Jun 27.160 - 16.8 27 Jun 9.177 - 19.2	- 9.8 - 16.8 - 19.2	2.0 1.0	36 36 36						

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel.	p.e.	D {mm}	R.A. (1900) Name	Decl.	Date (UT)	Vel.	p.e.	D {mm}
13:24.8 +10 55		34 May 25.219	- 2.8	+19.0	76	13:27.9 +37 19		41 Jun 16.213	- 23.9		36
20C782		34 Jun 25.185	- 2.4	6.2	124	ADS 8934B		45 May 27.318	- 17.2	+ 2.9	80
W 8008		35 Mar 17.349	+ 7.0		81	W 8024		45 Jun 24.204	- 22.7		80
		35 Jun 11.167	+ 16.1		81						
		36 Mar 4.434	+ 25.5		80	13:27.9 +17 17		43 Jun 19.229	+ 3.8		110
		36 Jun 9.198	+ 18.0		80	AC+18° 1204-		43 Jun 22.226	+ 2.3		110
		41 Apr 6.474	+ 29.1		80	96A		45 Apr 1.469	+ 20.8		110
						W 8029		45 May 21.342	- 4.4		108
13:25.1 -08 03		24 Apr 9.264	+ 66.8			13:27.9 +17 17		43 Jun 19.229	+ 4.6		110
BD-7° 3632		34 May 23.281	- 30.1		124	AC+18° 1204-		43 Jun 26.226	+ 4.7		110
20C784		43 Jul 13.191	+ 17.4		110	96B		45 Apr 1.469	+ 26.8		110
		44 Jun 1.233	- 6.5		110	W 8030		45 Apr 20.303	+ 14.9		110
		44 Jun 28.192	- 7.2		110						
13:25.1 -08 04		24 May 18.274	- 33.2	2.8	76	13:28.1 -07 07		31 Mar 4.472	- 13.6	7.8	36
HD 117421		26 Feb 28.451	- 27.0		76	HD 117878		33 Feb 14.526	- 11.1		36
W 8012		26 Apr 21.387	- 40.6		76	W 8032		34 Feb 1.530	- 26.8	9.2	36
13:25.3 +70 38		15 May 30.184	- 34.0	3.4		13:28.3 +35 25		21 Feb 20.485	- 25.7	3.5	36
HD 117448		15 Jun 27.210	- 26.0	1.2		HD 117902		21 Mar 21.374	- 27.4	7.9	36
W 8001		15 Jul 23.202	- 18.8	2.2		ADS 8939AB		21 May 19.237	- 30.3	0.4	36
		16 Jul 10.198	- 34.1	1.4		W 8031		22 Apr 11.375	- 32.9	5.7	36
		17 Feb 5.521	- 24.1	2.8							
13:26.1 +70 10		33 May 15.298	+ 16.0		36	13:28.6 -38 23		26 Apr 23.343	+ 92.0	0.5	37
HD 117566		47 Jun 2.260	+ 15.3		36	HD 117939		27 Apr 13.364	+ 89.9		76
W 7997						W 8036		27 Jun 17.160	+ 77.8	5.1	76
								28 Apr 29.322	+ 87.5		76
13:26.6 -01 48		14 Feb 11.447	- 53.2			13:29.1 +04 10		13 Apr 25.382	- 9.5	1.2	
HD 117635		14 Apr 14.353	- 55.4	0.9		HD 118022		13 May 15.350	- 10.0	1.9	
W 8019		14 May 7.328	- 53.4	0.3		78 Vir		13 Jun 14.292	- 5.1	2.2	
						W 8035		42 Jan 28.510	- 8.4		10
13:26.7 +83 49		43 Jul 10.169	- 23.9		80			42 Apr 7.349	- 8.4		10
HD 117655		45 May 28.282	- 27.1		80						
W 7985		46 Jun 13.244	- 26.6		80	13:29.0 +00 12		22 Apr 7.400	- 1.6	0.2	36
						HD 118036		23 Feb 25.490	- 0.2	1.7	36
13:26.8 +88 04		30 Jun 12.251	+ 9.4	0.4	80	ADS 8949A		23 Mar 29.478	- 3.4	0.3	36
HD 117672						W 8037					
13:26.8 +37 00		44 Jun 13.180	- 5.0		80	13:29.3 -12 42		22 Mar 12.426	- 9.7	4.4	36
HD 117673		46 Apr 16.319	+ 1.5		80	HD 118054		24 Apr 11.392	- 22.5	5.4	36
W 8017		48 Apr 18.395	- 0.7		80	ADS 8954AB		24 May 13.277	- 25.2	9.2	36
						W 8039		25 Mar 15.453	- 24.7		36
13:26.8 -05 45		19 May 17.328	+ 12.4		36	13:29.4 +54 30		20 Feb 5.438	-205.1	4.0	37
HD 117675		19 May 17.359	+ 18.2		36	RV UMa		20 May 30.233	-209.4	2.5	37
74 Vir		20 May 11.258	+ 21.5		36	W 8033		21 Feb 19.455	-168.7	1.7	81
W 8020		21 Apr 25.336	+ 22.5		36			21 Jun 11.229	-155.4	2.3	81
								21 Jun 27.281	-180.0	4.2	81
13:26.9 +09 30		15 Apr 3.387	+ 12.0	3.6				21 Jul 12.181	-148.1	9.1	81
HD 117697		26 Feb 27.442	+ 11.2	3.2	76			22 May 5.248	-171.7		81
W 8021		28 Apr 7.419	+ 4.6	2.1	76						
		28 Apr 30.372	+ 4.7		76						
13:27.0 +42 36		14 Apr 16.403	- 16.7	0.9		13:30.3 -04 53		33 Feb 7.520	- 6.2	0.2	36
HD 117710		14 May 3.368	- 21.4			HD 118219		34 Mar 31.375	- 6.6		36
W 8018		14 Jun 12.215	- 19.5			80 Vir		37 Jun 22.181	- 10.0		38
		14 Jul 4.241	- 18.6	2.1		W 8048					
13:27.5 -14 51		28 Jun 1.190	- 41.7	2.3	36	13:30.8 +08 48		46 Apr 10.353	+ 26.5		80
HD 117789		28 Jun 27.168	- 28.6	2.9	36	HD 118289		46 Jun 12.201	+ 24.9		80
75 Vir		32 Feb 22.408	- 39.6	2.0	36	W 8051		47 Jun 6.205	+ 19.7		80
W 8025		32 Mar 26.435	- 34.8	0.6	36						
		32 Jun 19.160	- 45.0	1.5	36	13:31.2 +68 17		23 Apr 28.387	+ 21.1	1.3	80
		33 Apr 6.355	- 43.7		36	HD 118328		24 Apr 13.495	+ 9.6	6.7	80
						ADS 8959A		30 Jul 13.237	+ 19.2	4.9	80
						W 8046					
13:27.7 -09 39		31 Mar 3.475	- 1.4	1.8	36	13:31.2 +68 17		20 May 28.333	+ 23.6	6.8	80
HD 117818		32 Feb 22.451	- 1.2	1.4	36	ADS 8959B		26 Apr 24.385	+ 19.7		36
76 Vir		33 Apr 10.306	- 1.7	0.7	36			30 Jun 11.328	+ 17.6	6.5	36
W 8026											
13:27.9 +37 19		34 Jun 29.186	- 20.9		36	13:31.2 -00 25		27 Mar 23.418	+ 16.8	0.5	36
HD 117846		41 Jun 16.172	- 27.7		36	HD 118330		27 Jun 16.195	+ 14.5		36
ADS 8934A		42 Jun 5.220	- 25.2		36	W 8053		28 Apr 16.351	+ 18.8		36
W 8023		45 Jun 24.187	- 22.8		80			34 Jun 22.189	+ 16.9		36

TABLE 2—Continued

R.A. (1900) Name	Decl. (1900)	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\frac{\text{\AA}}{\text{mm}}$ }	R.A. (1900) Name	Decl. (1900)	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\frac{\text{\AA}}{\text{mm}}$ }
13:31.3 -25 59 HD 118349 ADS 8966A W 8055		34 Mar 1.473	- 9.6		36	13:35.8 +31 31 HD 119035 W 8083		34 Jun 20.180 - 14.2 35 Jun 23.181 - 19.7 40 Jun 19.208 - 19.5			36 38 36
13:32.3 +25 07 HD 118508 W 8058		37 Mar 28.378 - 37.6 41 Apr 9.289 - 38.1 41 Jun 2.198 - 36.1 43 Mar 25.434 - 31.1			38 36 36 80	13:35.9 +33 20 HD 119054 W 8084		15 Mar 24.494 - 1.9 15 May 27.306 + 2.4 15 Jun 21.237 - 1.3	+ 1.0 2.1 2.3		
13:32.3 -07 22 HD 118511 ADS 8972A W 8061		43 May 13.299 - 8.0 45 Jan 19.184 - 0.3 46 May 17.241 - 6.6 49 Jul 6.161 - 2.2			80 36 80 80	13:35.9 +20 28 HD 119055 1 Boo ADS 8991A W 8085		24 May 19.436 - 26.2 47 Jun 3.262 - 31.6			37 36
13:32.3 -07 22 ADS 8972B W 8062		36 May 10.326 + 1.9 43 May 13.273 - 3.9 45 Jan 27.545 - 1.7			38 80 80	13:35.9 +20 28 ADS 8991B W 8086		24 May 19.396 - 21.3 33 Apr 5.321 - 30.0 40 Jun 24.183 - 29.0	13.3		37 76 70
13:32.4 +00 17 HD 118526 W 8060		38 Apr 12.297 + 13.7 38 Jun 7.209 + 17.2 39 Mar 8.433 + 12.2 40 Jun 17.223 + 13.6			80 63 70 36	13:36.3 +51 02 HD 119124 ADS 8992A W 8088		21 Apr 18.352 - 12.8 21 May 25.172 - 2.6 21 May 27.358 - 6.7 21 Jul 21.201 - 14.9	1.5 1.7 1.4		36 36 36 36
13:33.0 +36 48 HD 118623 25 CVn ADS 8974A W 8063		18 Mar 22.441 - 20.8 18 Apr 1.393 - 12.6 19 Jun 9.177 - 15.6	+ 4.2 3.2 5.4		36 36 36	13:36.3 +23 01 HD 119126 2 Boo W 8091		23 Jul 5.165 + 3.3 24 Mar 25.419 + 5.0 24 Apr 17.333 + 8.2	1.5 1.0 0.6		36 36 36
13:33.3 +75 00 BD+75° 511 W 8057		36 Jun 10.238 - 5.3 40 Mar 23.469 + 0.2 43 May 24.308 + 0.9			80 80 108	13:36.4 -08 12 HD 119149 82 Vir W 8095		14 Apr 13.377 - 33.6 14 May 14.312 - 30.5 14 Jun 13.177 - 34.3	1.0		
13:33.7 +51 13 HD 118741 ADS 8979A W 8067		12 Apr 23.335 - 44.9 12 May 28.239 - 47.6 12 Jun 5.260 - 52.8 12 Aug 5.164 - 49.4 47 Jul 1.210 - 40.7	4.2 5.0 6.4 5.1		80	13:36.8 +00 22 HD 119217 W 8096		26 Apr 22.441 + 54.9 28 Feb 29.511 + 45.7 28 Apr 6.459 + 47.4	5.4 13.4 1.3		76 76 76
13:33.7 +39 41 HD 118742 ADS 8981A W 8069		25 Mar 4.461 - 15.4 28 May 29.292 - 22.6 28 Jul 6.196 - 26.8	0.1		36 36 37	13:36.9 +74 49 HD 119227 V UMi W 8080		See ApJ 79, 77, 1934			
13:33.7 +39 41 ADS 8981C W 8068		32 Feb 25.391 - 23.5 48 Apr 20.419 - 28.8			76 80	13:37.3 +08 54 HD 119288 W 8099		22 Jun 4.244 - 11.5 22 Dec 31.497 - 4.2 23 Jan 26.486 - 9.6 23 Jan 28.551 - 17.3 29 Jun 18.161 - 9.9 36 Apr 1.464 - 6.3	0.3 2.1 0.1 0.5		36 80 36 36 36
13:34.0 +67 33 HD 118788 W 8065		35 May 24.219 - 2.6 42 Jul 4.173 - 0.8 43 Jun 20.169 + 0.1			36 36 36	13:37.3 +01 29 HD 119290 W 8100		43 Apr 18.352 - 5.0 45 Mar 28.402 - 8.9 46 Apr 15.322 - 7.7			80 80 80
13:34.7 +11 11 HD 118889 ADS 8987AB W 8076		10 Apr 25.293 - 53.6 10 Apr 26.282 - 53.1 10 May 19.205 - 51.9 11 Jan 22.524 - 25.4 11 Feb 16.508 - 22.7 11 Feb 21.526 - 22.2 19 Apr 9.409 - 26.6 19 Apr 19.357 - 9.4 19 May 15.220 - 13.6 21 Jun 22.240 - 18.5	1.5 2.5 3.8 1.2 0.3 1.5 4.2 3.3		50 50 50 36 36 36 36	13:37.9 +23 50 HD 119392 W 8104		47 Mar 1.432 - 32.9 47 May 2.268 - 35.0 48 Jun 22.169 - 39.1			80 80 80
13:35.1 +76 26 HD 118936 W 8070		18 Apr 23.349 - 39.9 18 Jul 21.233 - 38.1 19 Apr 13.418 - 46.6 19 Jun 19.244 - 48.7	4.2 2.4 4.6		36 36 36 36	13:38.1 +04 02 HD 119425 84 Vir ADS 9000A W 8107		17 Mar 2.454 - 39.0 18 May 26.175 - 41.3 18 May 28.222 - 45.5	1.8 3.5 0.8		36 36 36
13:35.2 +48 25 HD 118954 W 8075		15 May 30.282 - 7.8 16 Apr 21.426 - 4.2 16 May 12.326 - 1.9 16 Jul 11.197 - 11.9	3.7 1.7 1.9 2.7			13:38.1 +04 02 ADS 9000B W 8108		48 Jan 31.543 - 42.1 48 Mar 22.443 - 40.3			80 80
						13:38.3 +35 30 HD 119458 W 8106		35 May 10.279 - 27.8 46 Apr 21.274 - 7.2 47 Jan 9.545 + 9.5 47 Jun 28.170 + 6.7	1.6		38 36 36 36

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\frac{\text{\AA}}$ mm}	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\frac{\text{\AA}}$ mm}
13:38.3 -03 47		27 Apr 24.326	+ 12.5		36	13:42.0 +39 00		35 Jun 21.170	- 14.0		38
HD 119461		28 Jun 6.197	- 5.2	+ 2.8	36	HD 120048		46 Apr 21.318	- 14.6		36
ADS 9002A		28 Jun 29.208	+ 10.1		36	W 8131		47 Jan 10.571	- 14.5		36
W 8109		28 Jul 6.160	+ 4.0	1.0	37						
		30 Apr 20.391	+ 0.9	0.4	36	13:42.0 -17 21		24 May 14.309	+ 63.6	+ 1.1	36
		32 May 24.230	+ 3.4	0.8	36	HD 120052		24 May 25.227	+ 63.8	0.3	80
						87 Vir		24 Jun 13.200	+ 65.3	0.0	36
						W 8136					
13:38.4 +65 20		12 Mar 31.428	- 5.6	3.9							
HD 119476		12 Jun 1.318	+ 4.9	1.8		13:42.1 +06 51		16 May 13.299	- 28.8	0.3	
W 8103		12 Jul 6.207	- 2.4	7.0		HD 120066		16 Jul 17.181	- 34.3	0.7	
		12 Jul 26.214	+ 8.0	6.3		W 8133		17 Jan 31.552	- 34.3	2.8	
								17 Mar 1.521	- 30.0	0.7	
13:38.7 -05 00		12 Apr 7.444	+ 63.0	1.7							
HD 119537		12 Apr 26.309	+ 42.2	2.7		13:42.2 +78 34		21 Feb 28.406	- 3.6	1.2	36
W 8110		12 May 27.270	+ 43.9	0.9		HD 120084		21 Jun 14.322	- 9.6	2.0	36
						W 8118		21 Jul 25.207	- 5.2	1.4	36
13:39.0 +23 12		20 Apr 5.413	+ 8.8	0.2	36						
HD 119584		20 Jun 6.282	+ 10.0	0.4	36	13:42.2 -05 38		34 Apr 25.335	- 44.6		124
W 8111		20 Jun 7.224	+ 10.0	3.8	36	BD-5° 3763		43 Feb 16.526	- 47.3		108
						W 8138		43 Jul 15.181	- 44.9		108
13:39.0 -26 17		See ApJ 86, 153, 1937									
HD 119592						13:42.5 +17 57		16 Feb 20.514	- 19.6	1.1	
SX Hya						HD 120136		17 Jun 9.286	- 18.9		
W 8114						4 τ Boo		18 Jul 17.168	- 14.3		36
						ADS 9025A		19 Jan 22.537	- 17.1		36
13:39.1 -15 41		11 May 20.293	+ 10.0	1.4		W 8140		19 Mar 10.483	- 14.3	0.6	36
HD 119605		11 May 22.276	+ 5.2	2.7							
83 Vir		11 Jun 9.193	- 2.2	2.0		13:42.7 +39 03		33 May 5.293	- 11.2	1.4	36
W 8112		12 May 5.294	- 0.1	2.0		HD 120164		33 May 7.268	- 13.0	1.4	36
		12 Jun 2.247	- 1.2	1.3		W 8139		33 Jun 15.238	- 6.2	0.7	36
13:39.7 -07 08		43 Jun 19.177	- 33.3		36	13:42.9 +54 56		23 Jun 26.181	- 13.3		36
HD 119706		45 Apr 25.336	- 28.4		80	HD 120198		25 Mar 8.484	- 9.4		36
W 8117		45 Jun 2.242	- 33.4		36	84 UMa		25 Jul 31.141	+ 2.5	2.8	36
		45 Jun 18.193	- 31.3		36	W 8137		27 Apr 21.304	- 5.0		36
								27 Jul 10.188	- 1.9		36
13:40.0 -32 33		21 Feb 20.531	- 17.9	0.5	37						
HD 119756		21 Mar 20.474	- 20.2	2.8	37	13:43.1 -06 20		34 Jan 31.476	- 0.8		36
1 Cen		23 Jan 27.557	- 14.8	2.1	37	HD 120235		34 Jun 25.177	+ 5.3		36
W 8121						W 8143		40 Jun 19.167	- 4.6		36
								42 Jan 31.515	- 5.3		36
13:40.2 +18 19		16 Apr 20.408	+ 29.2	3.3							
18C1784		20 May 6.339	+ 24.0	5.0	37	13:43.1 -35 12		22 Apr 10.395	+ 3.2	0.8	37
W 8119		23 Jul 26.202	+ 26.4	11.1	76	HD 120237		26 Jun 24.173	+ 7.5		37
		24 Feb 19.503	+ 26.9	10.0	76	W 8146		27 Apr 13.393	+ 6.8	4.9	37
13:40.2 -15 16		11 Mar 20.432	+ 11.0	0.5		13:43.5 +06 48		29 Jun 14.227	- 25.4		76
HD 119786		11 Mar 25.417	- 92.8	1.1		BD+7° 2692					
85 Vir											
W 8122						13:43.8 +42 33		27 May 12.304	- 0.8	1.5	36
						HD 120348		27 Jun 10.292	- 0.0	2.6	36
13:40.6 +33 09		33 Apr 6.365	- 13.7		124	W 8144		27 Jul 10.219	- 0.1	1.5	36
RZ CVn								33 Mar 14.476	- 0.7	0.3	36
W 8120											
						13:44.0 +40 24		48 May 17.299	+ 19.2		110
13:40.6 +15 27		13 Apr 28.431	+ 19.7	2.2		SS CVn					
HD 119850		16 Feb 17.510	+ 12.1	1.1		W 8147					
W 8123		16 May 17.462	+ 13.4	1.6							
		20 Apr 6.317	+ 15.5		37	13:44.2 +31 41		26 Mar 21.354	+ 12.8	2.6	36
		41 May 9.384	+ 18.0		80	HD 120420		26 Mar 27.406	+ 12.5		36
						W 8149		26 Apr 25.387	+ 12.3		36
13:40.6 -11 56		33 Apr 9.381	- 7.5	2.3	36			29 Apr 24.281	+ 12.6		36
HD 119853		42 May 27.260	- 12.8		36						
86 Vir		43 Jun 21.156	- 10.8		36	13:44.4 -17 38		17 Apr 4.417	- 41.4	0.5	
ADS 9018A						HD 120452		17 May 12.273	- 40.4	0.4	
W 8124						89 Vir		19 May 18.261	- 44.8	2.4	36
						W 8161		19 Jun 13.183	- 40.0	5.1	36
13:41.6 +56 24		20 Mar 31.372	- 1.8	4.8	36						
HD 119992		20 Apr 4.335	- 2.7		36	13:44.5 +41 53		49 May 3.273	+ 1.9		110
W 8125		20 May 2.333	- 4.1	0.6	36	RX CVn					
						W 8153					
13:41.9 -09 12		17 May 7.329	+ 7.2	1.9							
HD 120033		17 Jun 5.271	+ 7.6	0.2							
W 8135		18 Apr 30.372	+ 8.7		36						

TABLE 2—Continued

R.A. (1900) Name	Dec1.	Date (UT)	Vel.	p.e.	D { $\frac{\text{\AA}}{\text{mm}}$ }	R.A. (1900) Name	Dec1.	Date (UT)	Vel.	p.e.	D { $\frac{\text{\AA}}{\text{mm}}$ }
13:44.5 -21 36		25 Mar 14.502	- 33.9	+ 5.6	76	13:48.5 +65 13		14 May 2.385	- 8.8	+ 1.5	
HD 120478		25 May 3.372	- 34.7	9.9	76	HD 121130		14 May 17.327	- 8.2	1.5	
W 8160		25 May 5.352	- 34.6	0.2	76	10 Dra		14 Jun 12.231	- 14.2		
13:44.6 +27 29		18 Mar 2.528	- 20.2	3.8	36	ADS 9039A					
HD 120476		18 Mar 31.433	- 18.9	1.3	36	W 8189					
ADS 9031A		18 Apr 21.466	- 20.8	1.2	36	13:48.6 +68 49		37 Mar 3.469	- 47.6		38
W 8155						HD 121146		42 Jun 23.178	- 45.0		36
13:44.6 +27 29		18 Mar 2.477	- 12.7	1.4	36	W 8186		43 Jun 18.199	- 45.5		36
ADS 9031B		18 Mar 21.449	- 18.3	0.9	36	13:49.6 +52 49		46 May 20.355	- 13.8	2.6	80
W 8156		18 Apr 21.344	- 22.6	0.7	36	HD 121297		46 Jun 15.222	- 22.6		80
		18 Jul 18.222	- 22.7	2.9	36	W 8200		49 Apr 7.390	- 18.7		80
13:45.0 +21 46		21 Mar 24.480	- 1.3		36	13:49.6 -01 00		19 Feb 13.538	- 3.6	0.3	36
HD 120539		22 Mar 13.406	- 0.2		36	HD 121299		19 May 16.305	- 4.9		36
6 Boo						90 Vir		19 May 16.330	- 3.8	2.3	36
W 8162						W 8203					
13:45.2 +83 15		33 May 15.324	- 43.4		36	13:49.7 -07 33		20 Apr 6.377	- 22.5	1.4	36
HD 120565		34 Mar 3.505	- 56.0		36	HD 121325		20 May 7.276	- 24.4	0.0	36
W 8127		34 Mar 25.490	- 49.3		36	ADS 9053A		20 Jul 3.190	- 13.5		36
13:45.9 -23 54		17 Mar 4.480	+ 1.6	0.7		W 8205		21 Jan 20.550	- 14.3		36
HD 120690		18 May 2.299	+ 3.8	0.7	36			21 May 26.282	- 14.7		36
W 8172		19 Mar 11.465	+ 2.4		36	13:49.7 -07 33		23 Jun 26.148	- 28.0	1.0	81
13:46.4 +55 22		43 Mar 26.450	- 9.1		80	ADS 9053B		48 Jun 24.193	- 17.2		80
HD 120771		45 May 22.266	- 5.4		80	W 8206		49 Jul 6.184	- 16.2	3.1	80
W 8170		46 Apr 13.341	- 13.0		80			50 Feb 1.519	- 18.3		80
13:46.5 +61 59		36 Mar 10.505	- 11.2		38	13:49.9 +18 54		16 May 20.305	- 7.8		
HD 120787		42 Jul 3.168	- 11.0		36	HD 121370		17 Jul 1.184	- 15.2		
W 8169		43 Jun 18.162	- 12.6		36	8 η Boo		39 Mar 8.469	- 3.9		10
13:46.7 +42 40		15 Jun 22.252	- 14.2	5.6		W 8204		39 Jun 6.150	- 7.2		10
HD 120817		47 May 8.240	+ 3.1		36			43 Apr 17.352	- 4.2		10
W 8173		47 Jun 28.215	+ 0.3		36	13:50.4 +79 29		43 Apr 17.380	- 5.1		10
		47 Jul 1.230	- 1.0		80	HD 121457		32 May 26.205	- 2.4	0.0	36
		47 Jul 4.162	- 0.6		80	W 8190		47 Jun 30.210	- 1.6		80
13:46.7 +35 16		13 Mar 1.528	- 11.9	3.7		13:52.8 +44 46		47 Jul 4.182	- 6.8		80
HD 120818		13 Mar 27.483	- 8.1	6.0		HD 121825		22 Apr 14.366	+ 27.7	0.9	36
W 8177		13 Apr 27.382	- 16.8	5.5		W 8214		22 Apr 15.351	+ 22.4	0.0	36
		13 May 21.306	- 6.3	6.5				22 May 17.203	+ 16.9	0.4	36
13:46.7 +35 10		20 May 31.258	- 41.0	0.4	36	13:52.9 -24 29		11 Jun 8.182	- 4.7	2.0	
HD 120819		20 Jun 30.182	- 32.5	1.7	36	HD 121847		11 Jun 15.174	+ 7.4	1.0	
W 8180		21 Feb 19.523	- 36.2		36	47 Hya		13 Apr 25.335	+ 19.5	7.7	
13:46.7 +06 55		48 Mar 1.514	- 15.6		108	W 8226					
BB Vir						13:52.9 -33 30		26 May 22.309	+ 56.0	3.5	37
W 8182						HD 121849		28 May 1.338	+ 65.3		37
13:47.2 -18 13		23 May 25.265	- 22.3	4.6	36	W 8227		28 Jun 2.215	+ 70.1		76
HD 120901-2		25 Feb 1.528	- 39.5		36	13:53.1 +30 21		48 May 16.316	- 65.8		110
W 8188		25 Feb 2.547	- 43.0		36	ST CVn					
		26 Feb 28.521	- 22.1		36	W 8223					
		26 Jun 2.261	- 62.7	2.6	36	13:53.3 +19 57		29 May 22.252	0.0	4.9	76
13:47.4 +12 40		12 May 26.262	- 13.3	8.9		HD 121906		30 Mar 12.427	+ 6.0		76
HD 120934		12 Jun 5.227	- 12.9	9.6		ADS 9072A		31 Apr 1.383	- 4.4	4.7	76
W 8187		13 May 26.343	- 16.0	6.5		W 8228		33 Jan 8.562	+ 11.0	1.8	80
13:47.5 +40 11		44 May 20.290	+ 30.7		80	13:53.3 +02 43		39 May 10.283	+ 12.4		70
HD 120950		45 May 4.295	+ 34.1		80	HD 121908		39 Jun 2.221	+ 8.7		70
W 8185		46 Apr 16.363	+ 34.1		80	ADS 9073AB		42 Jun 1.197	+ 3.3		36
						W 8229					
13:48.4 +18 25		29 Mar 5.462	- 6.1	0.6	36	13:53.6 +65 52		23 Feb 1.525	- 25.8	1.2	36
HD 121107		29 Apr 21.288	- 13.5		36	HD 121953		23 Mar 5.452	- 30.3	0.2	36
7 Boo		31 May 7.280	- 14.5	0.4	36	W 8216		23 Apr 25.357	- 27.8	0.9	36
W 8195								23 May 4.393	- 29.5		36

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	$\frac{D}{\text{mm}}$	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	$\frac{D}{\text{mm}}$
13:53.8 +67 26		40 Jun 21.193	- 18.8		36	13:58.5 +46 49		25 Apr 14.415	- 27.2		76
HD 121979		43 Feb 26.490	- 8.9		80	ADS 9090B		40 Mar 17.375	- 33.9		81
W 8215		47 Mar 7.414	- 15.3		80	W 8253		40 Apr 14.438	- 18.3		81
								43 Aug 22.148	- 30.6		110
13:53.8 +15 08		17 Mar 13.478	- 41.2	± 0.1		13:58.7 +08 58		25 Jul 2.198	+ 2.0	± 0.9	36
HD 121980		17 May 6.304	- 38.0	1.3		HD 122769		50 Feb 28.471	- 9.3		80
W 8231		17 Jun 6.238	- 42.4	1.0		ADS 9094AB		50 Mar 7.433	- 4.9		80
		17 Jul 10.182	- 39.4	0.6		W 8260					
13:53.9 +13 26		42 Mar 26.309	+124.1		110	13:59.1 -14 29		17 Apr 6.423	- 21.0	2.7	
UY Boo		42 Mar 26.372	+118.5		110	HD 122837		18 May 2.352	- 14.8	0.1	36
W 8233		42 Apr 24.319	+154.7		110	W 8264		18 Jun 22.172	- 9.6	0.8	36
								21 Mar 27.394	- 10.5		36
13:54.4 -24 31		21 Feb 24.496	- 11.0	2.4	36	14:00.0 +29 37		25 Feb 16.489	- 16.0	2.0	37
HD 122066		22 Jul 6.194	- 20.6	4.1	36	HD 122992		27 Apr 23.330	- 12.2		76
48 Hya		23 Jun 24.194	- 21.8		36	W 8266		27 May 23.298	- 20.2		37
W 8237											
13:54.6 -03 03		31 Mar 31.399	- 11.4	0.0	36	14:00.8 -35 53		20 Apr 28.326	+ 6.8	3.0	37
HD 122106		34 Feb 2.538	- 8.4		36	HD 123139		22 May 12.320	+ 10.2	1.0	37
W 8238		34 Apr 4.356	- 4.9		36	5 0 Cen		22 May 12.330	+ 11.6	0.4	37
						W 8272		23 Feb 24.128	+ 9.9	1.8	37
13:54.8 +47 06		43 Mar 28.437	- 64.6	0.7	80	14:00.9 +73 26		37 Jun 17.237	-132.6	4.5	80
HD 122132		46 Apr 24.309	- 54.6		80	HD 123154		38 May 10.392	-149.2		80
W 8235		46 Jun 15.251	- 55.2		80	W 8263		38 Jul 12.205	-149.1		80
								49 Aug 9.172	-153.4		80
13:54.8 +34 22		23 Mar 30.450	-164.1	1.0	37	14:01.2 -13 43		49 Apr 9.355	+ 4.0		80
BD+34° 2476		23 Apr 28.397	-164.9	10.6	37	HD 123214		49 May 9.249	+ 9.1		80
W 8236		23 May 26.309	-159.8	4.1	37	W 8273		49 Jul 7.166	+ 13.0		80
13:54.8 -07 40		35 Jun 9.184	- 0.1		38	14:01.4 -08 50		33 Feb 8.553	- 33.8	18.7	76
HD 122135		42 Mar 30.416	- 19.2	1.2	36	HD 123255		34 Feb 28.514	- 21.4	6.3	36
W 8240		43 May 22.245	+ 2.7		36	95 Vir		34 Mar 1.529	- 52.9	6.6	36
		47 Mar 12.422	+ 3.5		36	W 8275		34 Jun 2.281	- 28.0	5.9	36
13:55.1 +32 08		24 Apr 9.363	+ 21.7			14:01.7 +17 27		46 Apr 10.399	+ 13.4		80
RU CVn		33 Mar 5.410	- 58.9		124	HD 123303		46 Apr 24.365	+ 18.4		80
W 8239						W 8276		48 Jun 23.185	+ 11.1	6.4	80
13:55.2 +78 53		42 Mar 30.359	- 1.6		36	14:02.2 +38 18		See ApJ, 88, 408, 1938			
HD 122189		43 May 20.278	- 4.0		36	W CVn					
ADS 9069A		43 Jul 11.164	- 4.7		80	W 8277					
W 8218											
13:55.2 +78 53		36 Jun 11.247	+ 2.4	1.6	80	14:02.4 +35 16		46 Jun 20.168	+ 0.9		80
ADS 9069B		43 Apr 19.340	- 5.2		80	HD 123408		49 Jul 5.227	- 5.4		80
W 8219		43 Jul 11.245	- 4.8		80	ADS 9112A		50 Feb 3.545	- 4.1		80
						W 8279					
13:56.6 +02 02		12 May 1.341	+ 19.2	3.7		14:02.4 +28 54		25 Apr 15.403	- 55.8	1.2	36
HD 122408		12 May 31.286	+ 0.4	5.2		HD 123409		25 May 3.396	- 51.9	0.4	36
93 τ Vir		12 Jun 25.276	- 14.9	3.8		W 8280		25 May 4.333	- 56.0	1.3	36
ADS 9085A		13 Feb 28.532	+ 2.2	4.6							
W 8244		13 Jun 21.244	- 26.0	6.7							
13:56.7 -26 57		31 Jun 1.231	+ 0.5	2.9	36	14:02.7 -12 27		25 Apr 12.404	+ 12.9		36
HD 122430		33 Feb 8.521	+ 0.8	0.4	36	HD 123453		25 Jul 3.230	+ 16.0		36
W 8247		34 Apr 27.306	- 0.2		36	ADS 9115A		25 Aug 7.164	+ 11.9		37
						W 8283					
13:56.8 +28 53		25 Jun 16.186	- 4.8	0.0	76	14:03.5 -18 46		47 May 2.311	+ 50.0		80
HD 122442		26 May 3.310	+ 1.6	6.3	76	HD 123598		49 Feb 6.505	+ 54.0		80
W 8245		28 Jun 15.212	- 2.0	3.2	36	W 8286					
13:57.2 -31 12		24 Apr 11.364	+ 16.2	6.3	37	14:03.7 -09 51		14 Jun 1.282	- 17.4	1.3	
HD 122510						HD 123630		14 Jul 3.183	- 24.6	0.5	
						96 Vir		15 Apr 1.434	- 16.7	3.6	
						W 8287					
13:57.6 +10 11		35 Jun 19.174	- 26.7		38						
HD 122563		36 May 8.285	- 27.2		38	14:03.9 +44 20		19 May 16.371	- 35.4		36
W 8249		43 Apr 20.318	- 24.4		36	HD 123657		20 Apr 4.439	- 34.4	2.6	36
						W 8285		20 Jul 2.209	- 34.5		36
13:58.5 +46 49		39 Jul 7.191	- 38.5		70						
ADS 9090A		40 Mar 16.438	- 29.3		81						
W 8252		41 Feb 7.469	- 31.2		80						
		43 Aug 22.177	- 22.2		110						

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\frac{\text{\AA}}{\text{mm}}$ }	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\frac{\text{\AA}}{\text{mm}}$ }
14:04.2 +75 03		50 May 7.255 + 8.6			80	14:09.2 +78 01		17 Jul 8.240 + 18.2	+ 3.6		36
HD 123710		50 May 8.274 + 8.5			80	HD 124547		20 Feb 1.538 - 0.5	2.1		36
W 8278		50 May 30.230 + 1.7			80	4 UMi		20 Jul 2.303 + 15.6	1.8		36
						W 8305		44 May 5.180 + 14.2			36
14:04.5 +10 44		20 Apr 12.352 - 3.6	+ 1.4		37			47 Jun 2.292 + 21.0			36
HD 123760		21 Feb 25.479 - 1.2	0.8		37						
W 8292		21 May 15.181 - 18.0	2.8		81	14:09.2 -05 29		16 Jul 12.189 - 33.3	0.7		
		22 May 12.400 + 6.2	1.1		37	HD 124553		17 Mar 2.498 - 35.6	0.1		
		36 Apr 9.397 - 1.0			38	W 8329		17 Apr 11.407 - 32.0	0.6		
14:04.6 +49 56		19 May 16.430 - 17.2	1.7		36	14:09.3 +13 26		16 Mar 21.500 - 34.5	3.0		
HD 123782		20 Apr 4.482 - 10.9	1.0		36	HD 124570		16 May 20.323 - 39.6	1.2		
13 Boo		21 Mar 28.521 - 7.8	2.0		36	14 Boo		16 Jun 22.257 - 40.1	1.3		
W 8289		21 Jul 25.163 - 11.8	0.3		36	W 8326					
		35 Apr 18.346 - 10.0			80						
14:04.7 +75 12		36 May 11.375 - 70.6			38	14:09.7 +55 48		22 Jan 14.545 - 17.0	2.0		37
HD 123802		37 Mar 1.486 - 70.6			38	HD 124640		22 Apr 7.417 - 15.8	1.4		37
W 8281		41 Apr 7.400 - 66.6			70	ADS 9167A		23 Feb 24.501 - 13.7	2.0		37
		42 Mar 30.431 - 64.5			36	W 8321					
14:05.1 -13 27		40 May 16.309 +121.7			80	14:09.7 +55 48		22 Jan 14.545 - 21.5	3.1		37
BD-13° 3834		41 May 8.368 +113.2	2.4		80	ADS 9167B		22 Apr 7.417 - 16.5	1.2		37
W 8296		41 Jun 4.250 +139.7			80	W 8322		23 Feb 24.501 - 12.7	0.3		37
		44 Apr 16.434 +125.0			108						
14:05.4 -15 50		24 May 13.309 + 17.9	1.7		36	14:09.9 +52 16		11 Apr 12.208 - 6.8	4.8		
HD 123934		24 May 23.261 + 25.0	0.6		80	HD 124675		11 Jul 7.174 - 28.4	0.6		
W 8300		24 May 25.289 + 18.0	1.1		80	17 κ Boo A		12 Apr 25.330 - 10.6	0.1		
						ADS 9173A		12 Jun 26.313 - 16.5	3.9		
14:05.6 +27 05		40 Mar 21.419 - 34.0	0.9		70	W 8328		13 Jun 18.239 - 16.7	1.7		
HD 123963		43 Mar 23.435 - 20.0			36			17 Jun 11.242 - 17.4	2.1		5
ADS 9136A		43 Mar 27.357 - 21.7			80	14:09.9 +52 16		11 Apr 16.327 - 18.4	5.4		
W 8298		49 Mar 10.494 - 22.8			80	HD 124674		11 Jul 7.223 - 17.8	1.5		
						17 κ Boo B		12 Apr 25.407 - 14.6	0.6		
14:05.6 +27 05		40 Mar 21.474 - 27.8			70	ADS 9173B		12 Jul 4.318 - 10.9	4.0		
ADS 9136B		43 Jun 11.252 - 24.6			80	W 8325		27 Mar 12.493 - 14.8			36
W 8299		45 May 5.329 - 26.1			80			28 Jun 28.166 - 28.3			36
								31 Mar 14.486 - 17.8			36
14:05.7 +59 48		21 Feb 28.458 + 17.4	3.8		36	14:09.9 +10 35		26 Jun 20.162 + 21.0	2.6		36
HD 123977		21 Apr 22.504 + 9.4	0.0		36	HD 124679		26 Jun 21.159 + 13.4	1.0		36
W 8293		21 Jun 14.266 + 8.0	0.6		36	15 Boo		26 Aug 20.131 + 12.6	2.2		36
						W 8335					
14:05.8 -12 50		See ApJ, 86, 363, 1937				14:09.9 +03 47		46 Apr 9.373 - 44.8			36
HD 123984		53 May 25.195 + 50.2			70	HD 124681		49 May 10.316 - 45.6			80
AL Vir		53 May 27.189 + 43.2			70	W 8332					
W 8302		53 Jun 29.172 + 16.5			70						
		53 Jul 1.167 + 26.3			70	14:09.9 -17 44		11 Feb 8.519 - 14.2	1.4		
		53 Jul 18.177 + 33.1			70	HD 124683		11 Apr 14.364 - 20.8	2.1		
		53 Jul 20.172 + 19.1			70	W 8336		11 Apr 17.372 - 10.9	5.6		
14:06.4 -12 08		36 Apr 13.340 + 5.7			38			12 Apr 24.348 - 18.1	2.1		
HD 124106		43 May 17.284 + 7.6			80						
W 8307		43 Jun 14.247 + 11.0			80	14:10.2 +69 54		20 Apr 9.492 - 26.3			36
						HD 124730		20 Jun 5.263 - 24.2			36
14:07.3 -09 26		33 Mar 9.462 - 9.6	0.7		36	W 8318		20 Jul 2.262 - 18.9	1.0		36
HD 124248		33 Mar 14.417 - 0.9	0.1		36						
W 8311		33 Jul 7.205 + 10.1	1.1		36	14:10.3 +68 03		38 Mar 18.469 - 5.6			63
		33 Aug 2.177 + 0.3	7.3		36	HD 124752		39 Apr 3.413 - 12.6	4.0		36
						W 8320		40 Mar 24.483 - 4.5			36
14:07.5 -26 08		14 Jun 13.214 - 14.8	0.3								
HD 124281		15 May 27.229 - 4.7	1.3			14:10.3 +42 00		19 Mar 23.475 - 8.7	0.1		36
W 8315		15 Jun 25.186 - 8.3	1.7			HD 124755		19 Apr 19.386 - 3.6	1.3		36
						W 8334		19 May 15.256 - 9.4	0.5		36
14:07.7 -13 23		47 Mar 1.490 - 43.3			80						
HD 124304		50 Mar 5.431 - 45.6			80	14:10.3 +03 35		22 Jun 4.289 - 45.4	1.1		36
W 8316						HD 124757		22 Jun 8.250 - 42.6	1.5		80
						ADS 9182AB		22 Jun 8.306 - 52.2	1.7		80
14:08.5 -00 22		See ApJ 54, 226, 1921				W 8338		22 Jul 16.176 - 42.3	0.7		36
HD 124425								23 Mar 1.381 - 44.2	0.1		36
W 8317											

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)
14:11.1 +19 42		11 Jan 20.506	- 5.7					33 Jul 3.235	- 7.0		38
HD 124897		11 Feb 7.522	- 4.9					33 Jul 5.160	- 4.2		38
16 α Boo		11 Feb 9.531	- 4.5					34 Feb 5.560	- 6.5		3
W 8341		11 Mar 16.485	- 3.3					36 Jul 29.183	- 5.4		38
		11 Mar 25.451	- 6.9	+ 1.7				37 Mar 21.533	- 5.3		38
		11 Apr 14.393	- 2.5	0.0							
		11 May 23.178	- 1.6	0.1		14:11.3 +06 33		47 May 25.222	- 17.7		80
		11 Jul 14.164	- 4.8	0.9		HD 124929		49 Apr 11.341	- 15.4		36
		11 Aug 12.157	- 5.8	0.3		ADS 9188A		49 Jul 8.155	- 21.5		80
		12 Jan 1.534	- 3.6	0.8		W 8345					
		12 Jan 8.541	- 4.3	0.7							
		12 Jan 30.580	- 3.2	1.1		14:11.3 +06 33		47 May 25.267	- 26.2		80
		12 Feb 26.540	- 4.2	1.4		ADS 9188B		49 May 9.300	- 37.4		80
		12 Mar 23.486	- 6.0	1.3		W 8346		49 Jul 8.192	- 19.9		80
		12 Apr 7.476	- 3.6					50 May 29.239	- 17.4		80
		12 Apr 24.484	- 6.2	0.0							
		12 May 31.301	- 2.4			14:11.4 +19 23		12 May 3.323	+ 1.4	+ 3.0	
		12 Jun 24.242	- 6.9	0.3		HD 124953		12 Jun 5.309	+ 7.2	5.4	
		12 Jun 27.235	- 5.8	0.3		W 8344		12 Jul 27.189	+ 5.8	4.8	
		12 Jul 1.162	- 3.2	0.9				13 Mar 28.504	+ 11.6	0.7	
		12 Jul 26.160	- 4.8	0.6							
		13 Mar 17.547	- 4.5	2.5		14:11.6 -05 49		28 May 30.274	- 40.9		
		13 Apr 24.369	- 7.5	0.7		XX Vir		29 Jun 25.233	- 90.2		124
		13 May 18.368	- 5.5	1.6		W 8351		33 May 15.226	- 20.4		124
		13 Jul 15.233	- 4.6	1.6				34 Mar 22.365	- 93.0		124
		13 Sep 10.128	- 5.4	1.7				34 Apr 21.316	- 46.7		124
		14 Mar 10.445	- 0.7	0.1				36 Mar 30.375	- 43.1		124
		14 May 8.263	- 5.0	0.0				36 Mar 29.375	+ 3.1		108
		14 Aug 8.153	+ 6.2	4.8				36 Apr 12.328	+ 13.7		124
		15 Apr 2.406	- 0.2	1.9				37 Feb 18.466	- 38.7		124
		19 Jun 13.222	- 4.0	1.8	36			37 Apr 21.451	- 53.2		124
		23 Jun 24.262	- 4.6		36			37 May 18.222	- 106.4		124
		24 Jul 14.149	- 4.2	2.2	76			37 Jun 16.240	- 50.0		124
		25 Mar 12.534	- 11.2		36			37 Jun 17.238	- 70.5		124
		25 Jul 31.128	- 2.5		36			37 Jun 18.228	- 60.2		124
		26 Mar 22.431	- 6.6		Ce			37 Jul 17.181	- 79.1		124
		26 Mar 23.413	- 7.3		Ce			38 Apr 11.382	- 28.2		108
		26 Jun 29.231	- 6.3		Ce						
		26 Jun 30.233	- 6.5		Ce	14:11.9 +20 35		23 May 25.312	- 9.6	0.3	36
		26 Jul 20.179	- 5.5		Ce	HD 125040		23 Jun 3.231	- 8.4	0.3	36
		26 Jul 22.174	- 5.3		Ce	ADS 9192A		23 Jun 22.232	- 13.7		36
		26 Sep 24.111	- 6.0	0.3	Ce	W 8350					
		26 Sep 25.112	- 5.5		Ce						
		27 Jun 7.265	- 5.6	0.0	Ce	14:12.5 +57 08		25 Jul 12.298	- 1.0		76
		28 May 23.323	- 5.2	0.7	36	HD 125140		26 Mar 25.490	+ 2.0	2.0	76
		28 Jun 17.197	+ 1.9	0.8	36	ADS 9191A		26 Apr 21.462	- 0.6		76
		29 Feb 20.481	- 4.4		Ce	W 8348		28 May 2.314	- 4.8		76
		29 Feb 21.429	- 4.4	0.1	Ce						
		29 Feb 22.533	- 6.0	0.1	Ce	14:12.5 +57 08		24 May 16.359	- 8.4	0.9	76
		29 Jul 14.215	- 3.5		Ce	ADS 9191B		25 Feb 10.549	+ 3.5	11.7	76
		29 Jul 15.158	- 11.1		36	W 8349		25 Jul 12.208	- 6.9		76
		29 Jul 15.191	- 6.5		Ce			25 Aug 4.240	- 4.2		76
		29 Jul 19.140	- 3.7		36						
		29 Aug 12.184	- 5.7		Ce	14:12.6 +42 29		31 Mar 31.424	- 80.6		124
		29 Aug 13.171	- 5.7		Ce	TV Boo		31 Jun 2.250	- 78.7		76
		30 Feb 5.533	- 5.3		Ce	W 8356					
		30 Feb 6.536	- 5.2		Ce						
		30 Feb 7.536	- 5.2		Ce	14:12.7 +15 44		22 Mar 14.503	- 6.3	2.5	36
		30 Feb 8.482	- 4.0		Ce	HD 125180		22 Jun 14.251	- 5.8	0.2	36
		30 Feb 8.517	- 4.6		Ce	W 8358		23 Jan 7.546	- 11.2	1.4	36
		30 Feb 9.538	- 6.2		Ce						
		32 Apr 17.443	- 4.2		Ce	14:12.8 +57 09		46 Jul 10.186	- 28.1		36
		32 Apr 18.364	- 4.8		Ce	HD 125193		48 Apr 16.352	- 29.6		36
		32 May 17.366	- 5.2		Ce	ADS 9197A		49 Jul 5.241	- 30.4		80
		32 May 18.244	- 4.6	0.0	Ce	W 8353					
		32 May 19.265	- 6.3		Ce						
		32 May 20.299	- 6.2		Ce	14:13.1 -18 15		11 Mar 16.456	- 13.4	0.6	
		32 Jun 12.207	- 7.0	0.2	Ce	HD 125248		11 Jun 9.243	- 16.0	3.2	
		32 Jun 13.247	- 5.6	0.0	Ce	W 8360		11 Jun 10.181	- 3.9	4.3	
		32 Jun 14.176	- 6.0	0.1	Ce			17 Jul 3.175	- 5.5	2.3	
		32 Jul 14.278	- 4.8		Ce			17 Jul 5.188	- 8.6	1.7	
		32 Jul 15.206	- 5.9		Ce						
		32 Jul 19.153	- 4.6		38						
		32 Jul 21.306	+ 1.2	0.8	38						
		33 Feb 10.489	- 6.3		Ce						

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	$\frac{D}{\text{mm}}$	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	$\frac{D}{\text{mm}}$
14:13.3 -25 22		20 Mar 5.479 - 19.9			36	14:18.1 +01 43		10 Apr 30.345 - 47.6	± 2.7		50
HD 125276		20 Apr 1.444 - 19.1			36	HD 126053		10 May 12.268 - 14.8	2.9		50
ADS 9212A		20 Jul 4.187 - 25.5			36	W 8401		10 May 20.245 - 28.0	1.8		50
W 8365								11 Jun 11.212 - 14.0	0.9		
14:13.9 +04 21		42 May 24.249 - 44.9			36			11 Jul 9.179 - 21.8	1.3		
HD 125377		43 Apr 18.397 - 44.3			80			12 Apr 26.341 - 16.0	1.0		
ADS 9215AB		46 May 17.273 - 44.1			80			13 Mar 26.506 - 19.0	1.9		
W 8369						14:18.5 +08 54		18 Apr 20.426 + 1.6	19.1		36
14:14.4 -01 48		30 Mar 8.427 - 22.8	± 2.3		36	HD 126129		18 Jun 21.248 - 31.4	0.0		36
HD 125454		31 May 6.321 - 26.2	1.0		36	ADS 9247A		18 Jun 23.241 - 33.8	1.1		36
102 v Vir		32 Feb 25.509 - 25.6	0.3		36	W 8404		19 Apr 11.508 - 31.0	9.3		36
W 8375		34 May 26.288 - 28.7			36			19 Jun 7.322 - 16.0	10.1		36
		39 Jun 27.233 - 31.1			36			21 Feb 21.456 + 1.9			
14:14.1 -04 42		14 Feb 11.529 - 9.0				14:18.5 +08 54		18 Apr 20.366 - 10.4	0.9		36
HD 125455		14 May 13.295 - 14.8				HD 126128		18 Jun 22.222 - 37.2	2.3		36
W 8376		14 Jun 11.235 - 15.0	0.8			ADS 9247BC		18 Jun 23.192 - 22.9	2.0		36
14:14.7 +15 23		23 May 6.285 - 22.8	1.8		37	W 8405		19 Mar 11.517 - 13.3			36
HD 125504		24 Apr 25.360 - 19.5	1.9		37			19 Apr 11.483 - 10.5			36
W 8377		40 Jun 27.170 - 17.4			70			19 Jun 7.284 - 36.0	2.0		36
		43 Feb 26.535 - 16.1			80			19 Jul 6.236 - 19.4	5.1		36
14:15.1 +16 46		24 Jan 24.557 - 6.3	0.7		36	14:19.0 +06 16		34 Jan 27.509 - 38.2			80
HD 125560		24 Mar 15.502 - 7.8	0.0		36	HD 126201		38 Mar 19.458 - 40.8	3.6		63
20 Boo		24 May 13.336 - 7.6	0.5		36	W 8410		49 Mar 12.455 - 40.7			80
W 8380											
14:15.7 +39 15		12 Apr 28.418 - 8.4	1.7			14:19.1 -24 21		29 Jun 25.188 - 18.6	0.4		36
HD 125642		12 May 26.304 - 9.2	4.0			HD 126218		31 Apr 4.405 - 25.9			36
W 8383		12 Jun 6.236 - 15.0	5.4			W 8417		31 May 7.320 - 24.6	2.4		36
		12 Aug 5.198 - 14.2	0.1								
14:16.7 +48 58		34 Jun 3.326 - 19.6			36	14:19.3 -11 13		33 May 5.338 - 27.8	0.5		36
HD 125796		39 Jun 1.257 - 21.7			36	HD 126251		34 Jun 26.222 - 42.2	2.1		36
ADS 9229AB		42 Jan 22.190 - 16.4			36	ADS 9254AB		36 Jun 29.172 - 37.8			38
W 8385						W 8418		48 May 15.245 - 37.3			36
14:16.8 +04 22		45 May 28.325 - 9.5e			110	14:19.4 +08 33		45 Apr 28.245 - 27.9			36
AO Vir		46 Jan 16.491 - 4.9e			80	HD 126271		45 Jun 3.262 - 31.7			36
W 8392		46 Feb 9.510 - 4.6e			110	W 8415		45 Jun 20.244 - 33.3			36
14:16.8 +04 22		45 Jun 29.252 - 6.4	2.1		108	14:19.4 -01 52		44 Jun 13.221 - 21.2	2.1		80
Comp. to						HD 126273		47 Apr 28.350 - 29.9			80
AO Vir						W 8419		48 Jun 21.192 - 36.7	2.6		80
W 8393								49 Apr 9.394 - 21.1			80
14:17.3 -07 19		23 Jun 4.272 - 31.6	0.9		36	14:19.7 +26 09		See ApJ 96, 344, 1942			
ADS 9237B		24 May 20.299 - 38.6	3.3		36	HD 126327					
W 8397		24 Jun 15.259 - 35.8	2.0		36	RX Boo					
						W 8416					
14:17.7 +30 06		16 Jun 20.206 - 32.2	2.2			14:20.1 -26 24		33 Jun 9.228 - 2.9			36
18C1885		17 Mar 9.497 - 38.6	5.4			HD 126400					
W 8395		17 Jun 4.303 - 45.4	0.2			14:20.9 +21 04		36 Apr 30.323 - 54.3			76
		17 Jul 6.208 - 42.7	2.6			HD 126512		37 Apr 25.427 - 55.0			80
		22 Feb 18.446 - 29.4	4.6		37	W 8423		38 May 10.256 - 52.3			80
14:17.9 +29 51		45 Jan 19.249 - 17.2			36	14:21.2 +24 05		20 Mar 9.473 + 4.3	1.0		37
HD 126009		46 Apr 14.357 - 14.7			80	18C1894		21 May 15.358 + 20.1	8.5		81
W 8398		48 Jun 24.216 - 23.3	3.1		80	W 8424		21 Jun 12.315 + 17.6	1.5		81
								21 Jul 13.214 + 15.0	1.4		81
14:18.0 +26 00		32 Jan 20.517 - 4.8			76	14:21.3 +24 06		22 Apr 11.447 + 4.6	10.7		37
HD 126030		32 Feb 19.521 - 13.5			76	18C1895		23 Jun 25.202 + 15.0	4.5		81
UV Boo		32 Mar 16.514 - 17.7			76	W 8426		24 Jan 25.458 - 8.9	6.8		76
		32 Apr 17.280 - 14.3			80			24 May 21.352 + 3.4	9.3		76
		32 May 13.241 - 6.8			76			24 Jun 16.274 + 13.6	4.2		76
		32 Jun 30.157 - 17.2			80						
14:18.0 -11 15		17 May 12.321 - 2.5	0.9			14:21.4 +38 50		14 Jun 25.282 + 24.4	1.0		
HD 126035		19 Jul 15.203 + 2.1	3.9		36	HD 126597		14 Jul 1.183 + 26.0	3.7		
2 Lib		20 Mar 5.518 0.0			36	W 8425		14 Aug 6.183 + 26.2	3.4		
W 8402											

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\frac{\text{\AA}}$ mm}	R.A. (1900) Name	Decl.	Date (UT)	Vel.	p.e.	D { $\frac{\text{\AA}}$ mm}
14:21.9 -17 57		43 Apr 22.376	- 44.2		36	14:25.4 -16 22		See ApJ 115, 25, 1952			
HD 126681		43 Apr 23.353	- 50.9		80	UW Lib					
W 8433		47 Apr 8.385	- 47.9		80	W 8466					
14:22.1 -05 40		11 May 9.344	- 19.2			14:25.7 +42 15		40 Jul 15.154	+ 0.6		36
HD 126722		11 May 21.345	- 17.9			HD 127334		41 Apr 9.367	- 2.2		36
104 Vir		11 Jun 14.224	- 11.8	+ 2.0		W 8463		42 Jun 21.176	- 3.1		36
W 8435		12 Jun 5.335	- 12.6	2.9							
14:22.4 -12 55		34 Mar 2.532	- 17.0		36	14:25.7 +05 13		36 Mar 12.434	- 2.3	+ 0.6	38
HD 126766		35 Jun 19.210	- 27.8	2.5	38	HD 127337		37 May 21.264	+ 13.6	0.6	38
W 8436		42 Jun 26.175	- 18.4		108	W 8468		40 Jun 19.241	+ 6.8		36
		45 Apr 22.319	- 11.9	1.0	36			45 Apr 28.289	+ 9.5		36
14:22.5 -00 27		23 May 8.311	- 10.9			14:25.7 -08 12		21 Jun 13.292	- 23.6	0.2	81
ST Vir		28 Mar 1.509	- 14.2			HD 127339		23 Mar 29.432	- 24.2	3.1	37
W 8437		33 Jun 3.286	- 23.8		124	W 8467		24 Jun 12.217	- 33.4	1.8	76
14:22.6 +65 37		43 May 12.308	+ 21.2		80	14:25.8 -15 11		18 May 23.294	+ 32.2	0.4	80
HD 126795		45 May 22.313	+ 19.9		80	HD 127356		20 Jun 30.196	+ 26.4		37
W 8430		46 Apr 13.397	+ 19.8		80	ADS 9291A		21 Jun 24.271	+ 21.2		37
						W 8469		22 Apr 10.467	+ 30.0	0.4	37
14:23.0 -01 47		22 Feb 17.540	- 10.7		36	14:26.7 +35 53		25 Jul 4.212	- 7.0		76
HD 126868		22 Apr 10.490	- 8.3		36	HD 127506		26 Apr 23.394	- 9.4		37
105 ϕ Vir		22 May 14.315	- 13.2		36	W 8470		28 Apr 7.454	- 16.9		76
ADS 9273A											
W 8442						14:27.3 +04 36		43 Jul 13.165	+ 0.8		80
14:23.0 -01 47		47 Jun 8.209	- 8.4		80	HD 127618		45 Jun 1.224	- 10.9		80
ADS 9273B		49 Jun 11.204	+ 5.8		80	W 8476		46 May 19.315	+ 3.7		80
W 8443		50 May 31.239	- 17.8		80			48 Mar 22.476	+ 4.3		80
		50 Jun 2.264	- 11.7		80	14:28.0 +22 42		23 Jul 3.171	- 22.6	0.1	36
14:23.3 +24 17		28 Jul 7.217	- 57.4		76	HD 127739		26 Mar 27.452	- 7.4	0.7	36
BD+24° 2735		34 Apr 23.385	- 77.9		76	26 Boo		26 Jun 3.267	- 12.1	1.2	36
W 8441		34 Apr 25.395	- 40.4	1.1	124	W 8480		26 Aug 20.149	- 5.4	1.0	36
								27 Apr 13.399	- 13.7	0.6	36
14:23.4 +36 30		30 Jun 3.278	+ 3.7		124			32 Feb 22.492	- 16.2	2.6	36
SW Boo						14:28.7 +09 48		16 Jun 17.270	+ 34.0	0.2	
W 8440						HD 127871		19 May 10.407	+ 26.7	3.0	80
14:23.4 -06 27		24 Apr 22.375	- 50.0	0.5	36	W 8486		19 Jun 17.315	+ 24.1	4.2	80
HD 126927		24 May 11.325	- 49.7	0.4	36			20 Jun 27.240	+ 27.4		37
106 Vir		24 Jun 13.245	- 46.8	1.2	36	14:29.0 +60 40		34 May 27.228	- 13.3		36
W 8448						HD 127929		41 Jun 2.226	- 21.5		36
						W 8481		43 Jun 20.196	- 22.4		36
14:23.5 +33 26		15 Apr 3.490	+ 20.0	2.0		14:29.0 +49 38		24 Apr 25.391	- 2.5	1.2	36
HD 126944		49 Apr 10.402	+ 2.1		80	HD 127930		24 Jul 21.212	- 7.2	2.3	36
ADS 9271A		50 Mar 7.457	- 19.2	5.7	80	ADS 9306A		25 Aug 5.194	- 3.9	2.4	36
W 8444		50 May 31.174	- 27.2		80	W 8482					
14:23.5 +06 08		43 May 14.306	+ 5.6	0.9	80	14:29.3 +31 12		17 Jun 7.237	- 56.0	2.1	36
HD 126947		45 Mar 8.479	+ 25.3		80	RS Boo		18 May 22.276	- 40.0	3.9	80
W 8447		46 Mar 24.449	+ 25.3		80	W 8488		19 Jun 14.325	- 26.3		80
		48 Jun 22.216	+ 15.0		80			21 Mar 18.446	+ 19.7	5.2	37
14:24.3 +26 18		43 May 15.315	- 1.3		80			21 May 16.227	+ 11.8	4.5	81
HD 127093		44 May 30.244	+ 1.4		80			21 Jun 10.295	- 39.6		81
W 8452		46 Apr 14.408	+ 0.7		80			21 Jun 26.196	- 32.6	1.9	81
								21 Jun 27.184	+ 18.7	3.2	81
14:24.8 -03 48		28 Jun 13.207	- 28.8	1.1	36			21 Jul 12.248	+ 17.6		81
HD 127168		29 Mar 18.448	- 26.2		36			22 May 5.472	- 10.8		81
ADS 9284A		31 Mar 7.512	- 26.1	3.7	36			38 Apr 11.222	- 1.7		108
W 8460		31 Apr 1.325	- 29.0	1.7	36			46 Apr 25.310	+ 10.0		108
								46 Apr 25.357	- 3.4		108
14:24.9 +15 58		34 May 22.344	+ 22.0		124			46 Apr 25.424	- 62.7		108
BD+16° 2658		43 Apr 17.428	+ 14.7		108			46 May 9.181	- 4.6		108
W 8458		43 Jul 15.234	+ 22.1		108			46 May 9.251	+ 10.4		108
								46 May 9.321	+ 14.3		108
14:25.2 +50 18		19 Apr 11.389	- 5.2	1.9	36			46 May 9.365	- 61.9		108
HD 127243		19 May 12.284	- 2.8	1.5	36			46 May 9.400	- 49.3		108
24 Boo		19 May 15.292	- 5.8	4.8	36			46 May 9.449	- 23.4		108
W 8454											

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)
14:29.4 +55 50		37 Apr 19.358 + 1.4			38	14:34.9 +27 14		23 Jun 22.316 - 13.4	+11.5		36
HD 128000		42 Apr 23.426 + 4.8			36	HD 128967		25 May 6.319 - 10.7	10.0		36
W 8485		42 Apr 30.372 + 0.9			36	ADS 9331A		25 Jun 9.343 - 15.4	6.8		36
						W 8526		25 Aug 31.150 - 2.9	7.6		37
14:30.1 +39 33		49 May 3.368 -139.4			110	14:35.0 +32 58		See ApJ 96, 344, 1942			
SV Boo						HD 129004					
W 8491						RV Boo					
14:30.2 -17 36		30 Apr 10.394 + 18.1			124	W 8527					
HD 128171		30 Jun 6.219 -108.0			76						
RV Lib		30 Jul 10.214 - 52.8	+19.1		81	14:35.1 +54 27		12 May 2.303 + 4.2	0.0		
		31 Mar 27.368 - 23.6	1.9		81	HD 128998		12 Jun 7.256 + 3.5	0.5		
		31 Jun 3.174 - 33.0	5.3		76	W 8523		12 Jul 6.275 + 5.8	1.9		
		32 May 14.208 - 91.8	1.4		76						
		53 Apr 24.356 - 34.6			70	14:36.3 +00 32		25 Jun 17.181 + 24.7	0.8		76
		53 Apr 25.345 - 14.2			70	HD 129230		27 Jun 18.214 + 17.7			37
		53 Apr 26.360 - 29.7			70	W 8539		28 May 17.279 + 26.8			37
		53 May 24.250 - 40.7			110						
		53 May 24.307 + 11.6			110	14:36.4 +80 06		42 Jul 3.219 - 21.6			36
		53 May 25.288 - 30.3			70	HD 129245		42 Aug 2.174 - 18.9			36
		53 May 26.278 - 29.5			110	W 8510		47 Mar 13.425 - 26.2			36
		53 May 27.275 - 33.1			70						
		53 Jun 30.178 - 25.1			70	14:36.4 +14 09		13 Jun 24.241 - 6.2	1.4		
		53 Jul 1.212 + 11.7			70	HD 129246,7		13 Jul 15.256 - 6.5	4.0		
		53 Jul 19.188 - 30.8			70	30 ζ Boo					
						ADS 9343AB					
14:30.3 +53 30		24 Apr 12.427 + 16.2	3.3		76	W 8537					
HD 128165		26 Apr 25.436 + 10.2	2.6		36						
W 8489		26 May 26.333 + 17.4			36	14:36.8 +08 35		23 Jul 6.169 - 21.4			36
						HD 129312		25 Jun 30.172 - 17.9			36
14:30.9 +34 11		23 Aug 6.168 - 45.2	3.3		76	31 Boo		26 Jun 21.180 - 23.9			36
18C1920		24 May 17.323 - 60.3	4.3		76	W 8541					
W 8499		24 Jun 12.304 - 50.4	5.7		76						
		25 Mar 16.493 - 53.4	2.7		76	14:36.9 +64 43		36 Mar 11.465 - 32.1			38
						HD 129333		36 Jun 5.344 - 33.7			38
14:31.2 +49 48		25 Apr 2.481 - 19.4			36	W 8529		42 Jun 25.193 - 27.3			108
HD 128333		25 Apr 13.363 - 23.0			36						
W 8498		25 Apr 13.427 - 16.4	1.7		36	14:36.9 +12 05		20 Apr 2.413 - 15.6	2.9		36
						HD 129336		20 May 31.305 - 25.4	0.2		36
14:31.7 -03 51		36 Apr 8.434 - 40.3			38	32 Boo		20 Jun 3.315 - 18.8	0.7		36
HD 128428		37 May 1.419 - 46.8			38	W 8542		20 Jul 26.172 - 29.1	2.8		36
W 8505		41 Jul 3.176 - 43.3			36			21 Jun 22.262 - 28.4			36
								21 Jul 21.223 - 26.1			76
14:31.7 -11 53		14 May 12.228 - 72.5	0.8					21 Jul 22.155 - 19.3			36
HD 128429		14 Jun 4.260 - 67.2	1.8					21 Jul 24.170 - 28.1			36
W 8507		14 Jul 2.174 - 71.6	3.1					21 Jul 27.203 - 21.4			36
14:33.2 -03 11		44 Jul 1.184 - 5.9			80	14:37.0 +32 00		See ApJ 96, 344, 1942			
HD 128684		45 Jun 1.282 + 2.5			80	HD 129355					
W 8514		46 Jun 12.235 - 2.6			80	RW Boo					
						W 8540					
14:33.6 +18 44		16 Feb 20.535 - 14.0	1.8								
HD 128750		16 Apr 15.418 - 13.9	0.4			14:37.4 -24 34		11 Mar 17.478 - 1.2	3.5		
W 8516		16 May 21.288 - 11.8	3.3			HD 129433		11 Jun 8.231 - 6.5			
						4 Lib		11 Jun 15.223 - 8.8			
14:33.6 -24 36		34 Mar 5.493 + 13.7			36	W 8549		12 Jul 4.190 + 0.2	2.3		
HD 128756		43 Jun 21.195 + 7.6			36						
W 8522		45 May 25.281 + 15.6			80	14:37.5 -34 44		21 Feb 20.554 - 31.5	0.6		37
						HD 129456		21 Mar 20.443 - 34.3	1.4		37
14:33.8 -26 18		34 Mar 30.389 + 5.6			36	W 8552		21 Jun 23.174 - 33.4			37
HD 128787								23 Feb 25.557 - 35.1			37
ADS 9330A											
						14:37.9 +28 38		49 Apr 18.432 - 50.4			110
14:34.5 +44 04		30 Mar 8.481 - 50.1	0.4		36	SZ Boo					
HD 128902		30 Mar 11.503 - 52.6	1.6		36	W 8547					
W 8520		30 May 14.267 - 46.1	2.2		36						
						14:38.0 +19 55		29 Apr 21.300 - 18.9			76
14:34.7 +52 00		30 May 12.311 - 27.4			36	ADS 9352A		30 Mar 13.533 - 8.4			76
HD 128941		31 Mar 2.472 - 19.2	2.5		36	W 8548		30 Jul 14.188 - 17.8			37
ADS 9329AB		31 Mar 11.441 - 24.7	0.8		36						
W 8521						14:38.2 +58 22		20 Apr 7.368 - 8.8			36
						HD 129580		20 May 8.332 - 7.2	2.8		36
						ADS 9346A		20 Jul 1.303 - 10.8			36
						W 8544					

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D (mm)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D (mm)
14:38.2 +58 22		23 Mar 6.535	- 13.2	+ 0.6	37	14:41.1 +34 47		15 May 29.297	- 36.8	+ 1.0	
ADS 9346B		23 Jun 28.260	- 17.3		37	HD 130083		15 Jul 24.198	- 32.1	2.0	
W 8545		24 Mar 15.504	- 13.2	5.0	76	W 8577		16 Mar 13.500	- 29.6	1.0	
		24 Mar 19.415	- 18.6	0.9	76			23 Jul 6.208	- 15.9		36
14:38.4 +06 15		25 Jun 12.215	-145.5	6.4	76			23 Aug 3.170	- 17.5	6.5	36
BD+6° 2932		26 Jan 25.543	-145.4	3.4	76			24 Aug 12.183	- 41.0	4.2	36
W 8554		26 Feb 21.488	-123.4	5.0	37			26 Mar 24.503	+ 2.9		37
14:39.0 +26 57		22 Feb 18.524	+ 6.8	2.3	36	14:41.1 +33 13		45 Mar 29.415	+ 30.7		36
HD 129712		22 Mar 13.448	+ 7.2	0.3	36	HD 130084		45 Jun 4.278	+ 29.6		36
34 ω Boo		22 Apr 10.398	+ 10.7		36	W 8574		48 Jun 24.233	+ 22.1		80
W 8555											
14:39.5 +61 41		33 Mar 13.406	- 9.4	2.2	36	14:41.4 +15 33		34 Jul 5.164	- 20.2		36
HD 129798		33 Apr 11.377	- 4.1	1.0	36	HD 130144		35 Jun 20.238	- 22.8		38
ADS 9357A		33 Jun 15.323	- 7.0	0.8	36	W 8583		37 May 31.260	- 22.4		38
W 8553											
14:39.8 +40 51		27 Apr 18.377	+ 15.4	1.5	36	14:41.4 +10 04		18 Apr 22.331	+ 24.4	0.7	36
HD 129846		28 Feb 8.549	+ 16.8	1.7	36	HD 130145		18 May 28.365	+ 27.2	1.7	36
W 8560		28 May 2.256	+ 20.3		36	ADS 9380AB		18 Jun 24.220	+ 21.5		36
						W 8584					
14:39.9 +08 07		37 Jul 26.148	- 13.4	5.9	80	14:41.5 +23 44		54 May 11.363	- 58.8		110
HD 129868		41 May 13.338	- 15.3		36	RU Boo					
ADS 9366A		41 Jun 15.254	- 16.9		36						
W 8562						14:41.5 -20 55		27 Mar 24.472	- 32.0	6.0	36
						HD 130157		27 May 9.336	- 17.0	4.6	36
14:39.9 +08 07		40 Mar 20.488	- 15.2	12.1	70	W 8587		27 Jul 11.243	- 24.5		36
ADS 9366B		43 Mar 25.472	- 25.4	3.3	80			31 May 31.284	- 20.9		36
W 8563		43 May 11.343	- 31.0	5.0	80	14:41.7 +42 48		18 Apr 1.438	- 20.8	0.5	36
		45 May 4.347	- 15.4		80	HD 130188		18 Jun 22.284	- 20.5		36
						ADS 9378AB		18 Jun 25.340	- 23.0	0.6	36
14:40.1 -00 59		45 Mar 25.441	- 46.5		36	W 8581					
HD 129902		45 May 1.325	- 47.6		36	14:41.7 +16 57		22 May 5.335	+ 43.8	0.6	81
W 8565		45 Jun 17.183	- 46.1		36	18C1948		22 Jun 4.340	+ 53.8	0.7	37
						W 8586		23 May 2.377	+ 45.4	0.6	37
14:40.2 -25 01		28 May 31.294	- 20.9		36			23 Jun 6.403	+ 50.3	3.1	37
HD 129926		31 May 8.336	- 18.8	1.3	36						
54 Hya		32 Jun 15.256	- 21.7	1.9	36	14:42.0 +01 23		46 Jul 13.166	+ 3.9		36
ADS 9375A						HD 130256		48 Mar 27.406	+ 18.2		36
W 8572						ADS 9383A		48 May 16.248	+ 2.8		36
						W 8589		48 Jun 27.162	- 11.3	2.9	80
14:40.3 -22 43		35 Jun 9.231	+ 11.4	1.0	38	14:42.0 +01 23		47 May 3.312	- 10.6		80
HD 129944		42 May 28.288	+ 7.5		36	ADS 9383B		48 Jun 27.183	+ 0.3		80
W 8578		43 May 22.285	+ 11.6		36	W 8590		49 Jun 12.208	- 7.7		80
		45 Jun 21.191	+ 0.5		36			49 Jul 8.242	- 12.2		80
14:40.5 -15 03		28 Apr 9.438	- 39.4	2.5	36	14:42.0 -25 40		35 May 11.314	- 0.6		38
HD 129978		30 May 15.325	- 42.5	0.4	36	HD 130259		42 Jul 1.177	+ 1.2		36
5 Lib		32 Mar 16.464	- 37.6	2.8	36	56 Hya		47 Jun 8.265	- 0.4		80
ADS 9376A						W 8592					
W 8576											
14:40.5 -20 45		28 Apr 7.422	+ 5.6	1.7	36	14:43.6 -23 51		31 May 9.316	- 24.4	3.4	36
HD 129980		30 Feb 8.554	- 2.5		36	HD 130529		42 Jul 2.163	- 25.8		36
W 8579		30 Jun 9.240	- 4.0	0.2	36	W 8598		43 Apr 20.371	- 27.2		36
		32 Apr 15.381	- 0.3	0.2	36						
14:40.6 +27 30		17 Feb 2.560	- 15.1	1.0		14:43.8 -13 44		23 May 28.291	- 12.4	3.2	36
HD 129989		17 Jun 9.293	- 8.8	2.1		HD 130559		23 Jun 25.185	- 7.6	3.6	36
36 ϵ Boo A		17 Jul 9.231	- 16.0			7 μ Lib		23 Jul 25.159	- 16.8	3.7	36
ADS 9372A		18 Mar 28.462	- 17.2		36	ADS 9396A		24 Jun 13.270	- 6.2	1.3	36
W 8567						W 8600					
14:40.9 +69 33		43 Jul 9.251	- 3.9		80	14:43.8 -13 44		23 Jun 25.218	- 3.2	3.1	36
HD 130043		45 Jun 24.243	- 5.0		80	ADS 9396B		35 Jul 10.172	+ 0.3		38
W 8557		45 Jul 23.209	- 10.9		80	W 8601		45 Jul 1.184	+ 4.5		36
								45 Jul 2.182	+ 1.1		36
14:41.1 +56 32		See ApJ 96, 344, 1942				14:44.0 +06 23		35 Jun 21.218	- 0.3		38
HD 130082						HD 130604		42 Apr 25.323	- 3.5		36
UV Dra						ADS 9392AB		42 May 2.316	- 0.7		36
W 8564						W 8597					

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e. ($\frac{\text{\AA}}{\text{mm}}$)	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e. ($\frac{\text{\AA}}{\text{mm}}$)	D ($\frac{\text{\AA}}{\text{mm}}$)
14:44.3 +18 38		15 Feb 26.519	- 27.1	+ 2.1		14:46.3 +51 48		47 May 5.356	- 30.4		80
HD 130652		15 May 23.350	- 27.9	0.5		ADS 9405B		49 Apr 13.347	- 20.5		80
W 8599		15 Jun 23.237	- 27.0	2.8		W 8618		50 Apr 22.378	- 36.7		80
14:44.4 +10 39		42 Mar 29.448	- 95.3		36	14:46.3 +49 07		24 Jul 17.244	- 37.0	+ 1.0	36
HD 130669		43 Mar 13.480	- 90.2		36	HD 131041		31 Apr 6.472	- 33.6	2.2	36
ADS 9397AB		48 Jun 21.228	- 87.8		80	39 Boo		31 Jul 1.203	- 32.2	2.1	36
W 8604						ADS 9406A					
14:44.8 +44 39		22 May 18.260	+ 3.8		37	W 8620					
HD 130741		23 Feb 7.490	- 8.2	1.1	37	14:46.3 +49 07		31 Apr 6.423	- 36.9	0.9	36
W 8602		23 Apr 8.391	+ 2.4	4.3	37	ADS 9406B		31 Jul 1.177	- 91.4	0.9	36
14:45.2 +38 13		19 Mar 24.457	- 29.0	0.7	36	W 8621					
HD 130817		19 Jun 9.195	- 35.2	5.2	36	14:46.6 +37 40		22 May 11.338	- 64.2	0.1	36
W 8608		19 Jun 14.174	- 36.1	2.4	36	HD 131111		23 Jul 6.196	- 67.0	6.0	36
14:45.2 +23 27		19 Mar 16.524	+ 5.9	0.9	36	W 8628		23 Jul 25.224	- 58.2	2.8	36
HD 130818		19 Apr 13.318	+ 2.7		36			24 Jun 14.306	- 69.9	0.7	36
RY Boo		19 Jun 13.272	+ 8.0	1.3	36	14:46.6 -30 10		21 Apr 12.424	- 23.8	1.2	37
W 8613		19 Jul 4.274	- 5.4		36	HD 131117		21 Apr 19.399	- 25.9	0.0	37
		19 Jul 11.203	- 1.1		36	W 8637		21 Aug 17.134	- 27.0		37
14:45.5 +07 15		24 May 11.340	- 33.2	2.3	76			25 Aug 3.137	- 33.1	3.7	76
HD 130871		24 Jun 20.211	- 28.2	6.8	76	14:46.8 +19 31		17 Feb 8.526	+ 2.7	2.9	
W 8616		24 Jul 11.208	- 31.0	0.5	76	ADS 9413B		17 Mar 7.535	+ 9.2	2.9	
14:45.7 +29 01		12 Apr 1.410	+ 25.5	4.8		W 8635		18 Jun 29.241	+ 10.9		36
HD 130917		12 May 31.340	- 1.9	5.2		14:47.8 +45 21		25 May 5.359	- 23.4	2.0	36
W 8615		12 Jul 1.276	+ 6.0	3.4		HD 131315		26 Jul 2.202	- 26.6	2.1	37
		12 Jul 7.262	- 4.6	2.2		ADS 9418AB		27 Jun 17.221	- 27.0	0.8	36
		13 Apr 22.391	+ 5.1	9.3		W 8639					
		13 Jun 22.336	+ 11.6	4.5		14:47.8 +45 01		22 Apr 7.332	- 21.6	3.7	37
14:45.8 +46 32		30 Feb 19.431	- 7.0	3.9	36	HD 131316		23 Apr 27.352	- 31.0	1.9	37
HD 130945		30 Aug 15.148	+ 0.3	1.1	36	ADS 9419A		23 May 26.402	- 32.2	0.4	37
38 Boo		32 Mar 16.528	- 8.1	0.4	36	W 8638					
W 8614						14:47.9 +19 09		19 Jun 16.292	- 50.0	2.0	80
14:45.8 +24 20		34 Jun 24.213	- 6.2		36	HD 131334		21 Mar 29.347	- 48.0	1.8	36
HD 130948		34 Jun 26.282	- 7.2		36	ADS 9423A		21 Jul 17.283	- 44.3		37
W 8622		34 Jul 3.165	- 6.7		36	W 8643					
14:46.0 -17 21		33 Jun 11.268	+ 27.8		36	14:48.5 -24 14		33 Jun 9.271	+ 3.6	0.3	36
HD 130989		43 Jun 22.164	+ 21.8		36	HD 131430		47 Jun 29.184	+ 11.4		36
W 8630		45 Apr 28.343	+ 26.3		36	12 Lib		48 Apr 19.366	+ 14.2		80
14:46.0 -20 12		22 Aug 2.212	- 6.6	0.8	37	W 8649					
HD 130991		23 Apr 26.403	- 4.8	1.5	37	14:48.6 +66 04		15 May 24.347	- 29.8	0.9	
W 8632		26 Mar 24.447	- 9.9		37	HD 131444		15 Jun 21.294	- 26.2	0.8	
14:46.0 -23 52		10 Apr 24.369	- 64.9	0.2	50	W 8636		15 Jul 13.201	- 26.3	1.0	
HD 130992		15 Jun 22.191	- 63.4	6.3		14:48.7 +16 06		23 Jun 24.238	+ 22.8	0.4	36
W 8631		16 Feb 19.515	- 68.5			HD 131473		23 Jul 26.178	+ 21.8		36
		16 Apr 18.423	- 62.6			ADS 9425A		24 Jan 21.547	+ 16.2	1.6	36
14:46.2 +68 22		35 Apr 12.385	+ 8.8		80	W 8647					
HD 131020		43 Apr 19.409	- 0.4		80	14:48.9 +59 42		27 Mar 25.482	+ 13.0	2.2	36
W 8607		45 Apr 5.483	+ 6.5		80	HD 131507		27 Mar 27.519	+ 14.2	0.9	36
14:46.2 +10 08		46 Jun 20.191	- 31.1		80	W 8642		27 May 14.352	+ 4.2	2.9	36
HD 131023		48 Mar 21.465	- 33.9		80			30 Feb 19.453	+ 13.8		36
ADS 9410A		48 Jun 23.208	- 40.2	1.4	80	14:48.9 +19 34		16 May 21.374	- 25.6	0.6	
W 8629						HD 131511		16 Jul 15.184	- 27.1	1.3	
14:46.2 -17 57		28 Jun 1.237	- 15.2	0.9	36	W 8648		17 Feb 10.552	- 21.8	0.8	
HD 131027		30 Apr 19.391	- 25.6	0.9	36	14:49.0 -11 29		31 Apr 3.443	+ 26.3	1.0	36
W 8633		32 Apr 24.374	- 25.9	0.7	36	HD 131530		32 May 21.306	- 18.3	0.0	36
		32 Jun 19.216	- 18.8	0.0	36	13 ϵ Lib		32 Jul 17.152	- 22.0	0.2	36
14:46.3 +51 48		46 Jul 11.175	- 10.0		36	W 8648					
HD 131040		48 Feb 18.517	- 6.1		36	14:49.4 +23 45		16 Jun 15.284	- 32.9	3.1	
ADS 9405A		48 May 16.289	- 1.6		36	HD 131582		18 Mar 24.506	- 28.7	0.9	36
W 8617						W 8650		18 Apr 26.405	- 35.3	0.6	80
								22 Feb 18.503	- 22.4	2.6	37

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\frac{\text{\AA}}$ mm}	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\frac{\text{\AA}}$ mm}
14:51.3 -11 00		14 Feb 12.497	+ 19.0	+ 2.3		14:54.2 -21 36		18 Mar 25.494	+158.8	+ 6.2	80
HD 131918		14 Apr 7.393	+ 9.8	2.0		HD 132475		18 Apr 28.400	+153.4	1.4	80
15 ξ^2 Lib		14 May 6.388	+ 19.5	0.8		W 8691		18 Apr 29.372	+161.9	7.1	80
W 8665		14 Jul 13.190	+ 8.5	1.5							
		15 Mar 3.540	+ 18.8	3.0		14:55.3 -10 44		24 Jul 14.205	+ 9.1		76
14:51.6 -20 58		10 Apr 25.328	+ 17.3	15.6	50	HD 132683		28 Apr 29.399	+ 21.9		76
HD 131977		10 Apr 26.326	+ 29.6	0.2	50	W 8695		28 Jun 2.317	+ 9.0		76
ADS 9446A		10 Jun 29.178	+ 32.0	3.3	50			28 Jul 5.202	+ 17.2		76
W 8668		10 Jul 24.199	+ 29.6	0.9	50	14:55.6 -08 07		26 Jul 2.244	- 85.0		36
		11 Jun 5.260	+ 20.1	1.4		HD 132742		26 Jul 21.144	- 65.6		36
		11 Jun 7.225	+ 19.4	0.4		19 δ Lib					
		11 Jun 16.251	+ 20.6	0.5		W 8696					
14:51.6 -20 58		13 Mar 21.481	+ 21.6	0.8		14:55.8 +75 17		46 Jun 14.303	+ 30.8		80
ADS 9446B		16 Jul 19.212	+ 20.6	1.3		HD 132770		47 Jul 1.253	+ 33.7		80
W 8667		18 Jun 28.219	+ 35.6	0.5	80	W 8678		48 Jun 17.179	+ 26.8	4.2	80
14:51.9 +32 43		26 Mar 23.479	- 10.6	5.5	36	14:55.8 +39 40		35 Apr 24.347	+ 11.4		36
HD 132029		26 Mar 30.488	- 20.0	1.5	36	HD 132772		35 Jul 9.165	+ 9.1		38
ADS 9442A		26 Apr 25.476	- 4.4	3.3	36	40 Boo		41 Apr 9.418	+ 10.5		36
W 8664		27 Apr 15.420	- 10.8	23.8	36	W 8693		46 Apr 21.442	+ 11.5		36
		27 Jun 8.281	- 31.2		36						
14:52.3 -12 02		43 May 17.322	+ 7.7		80	14:56.0 +66 20		19 May 18.346	+ 10.0	0.5	36
HD 132112		47 Jun 26.264	+ 4.8		80	HD 132813		19 May 18.382	+ 12.6	1.1	36
W 8675		48 Jun 14.220	+ 2.6	4.7	80	RR UMi		20 Jul 1.233	+ 4.8	2.8	36
14:52.4 +00 14		17 Mar 2.531	+ 20.0	0.9		W 8689		22 Mar 10.546	+ 0.8	1.9	36
HD 132132		17 May 31.270	+ 17.5					22 Jul 17.169	+ 7.5		36
W 8674		17 Jun 1.337	+ 17.4	1.0				43 Jun 15.171	- 0.1		36
14:52.5 +54 04		10 Jun 29.243	- 29.8	1.6	50	14:56.1 -02 21		25 Mar 8.535	- 8.3	0.1	36
HD 132142		14 May 7.419	- 13.6			HD 132833		26 Feb 27.521	- 20.3	3.0	36
W 8662		14 Jul 7.232	- 14.2	2.0		W 8699		26 Mar 27.514	- 13.8	1.1	36
		14 Aug 8.217	- 15.4	1.8				26 Jun 27.250	- 15.4		36
14:52.5 +16 48		22 Mar 13.491	- 14.5		36	14:56.7 +00 14		22 Mar 19.481	- 36.4	2.2	36
HD 132146		22 Apr 10.449	- 17.0	2.2	36	HD 132933		22 Jul 7.208	- 33.4		36
W 8673		22 May 16.292	- 16.1	0.8	36	ADS 9480AB		23 Apr 8.471	- 34.8	2.7	36
		23 Mar 29.521	- 13.6	1.7	36	W 8703					
14:52.9 -10 45		12 Apr 29.393	+ 11.3	3.4		14:56.9 +31 46		43 May 13.343	- 17.3		80
HD 132230		12 May 29.279	- 22.1	13.1		HD 132971		44 Jun 28.208	- 19.5		80
17 Lib		12 Jun 4.257	- 28.7	7.3		ADS 9478A		45 Mar 8.531	- 11.8		80
W 8679		12 Jul 5.224	- 33.4	2.3		W 8700					
14:53.0 +50 03		21 Apr 26.448	- 9.9		36	14:57.1 +82 55		18 Apr 23.442	- 38.6	1.4	36
HD 132254		21 May 27.377	- 16.1	0.8	36	HD 133002		19 May 11.389	- 45.5	3.6	36
W 8671		21 Jul 24.200	- 18.4		36	W 8660		19 Jul 15.275	- 44.2	3.3	36
								24 Apr 25.461	- 41.1		36
14:53.5 -10 44		26 Jun 4.274	- 15.0	0.5	36	14:57.2 +47 40		23 Mar 28.474	- 13.2	2.5	36
HD 132345		28 May 10.358	0.0		36	HD 133029		23 Jul 5.195	- 16.4		36
18 Lib		28 Jun 14.240	- 20.0	1.7	36	ADS 9477A		23 Jul 25.190	- 19.4		36
ADS 9456A		28 Jun 21.188	+ 2.6	0.1	36	W 8701					
W 8686		28 Jul 8.191	- 13.4	0.4	36	14:57.5 +45 49		36 Mar 4.535	- 18.3		80
		29 Mar 25.482	- 16.9		36	20C904		36 Jun 6.351	- 13.2		80
		30 May 14.321	- 13.1		36	W 8702		37 May 25.322	- 11.4		80
		30 Jun 9.288	- 12.6	1.1	36						
14:53.6 +31 45		37 Apr 22.444	+ 31.8		124	14:57.7 +25 24		24 May 26.270	+ 13.6	1.3	36
20C901		37 May 17.267	- 9.1		108	HD 133124		25 Aug 6.149	+ 16.2		36
W 8680		43 Mar 19.514	+ 33.4		108	41 ω Boo		25 Aug 6.174	+ 13.3		36
		44 May 10.396	+ 20.3		108	W 8704		39 Apr 26.499	+ 11.3		36
14:53.7 -04 35		20 Mar 3.527	- 30.7		36	14:58.3 -07 11		44 Jun 29.190	+ 8.7		80
HD 132375		20 Jul 4.234	- 30.1		36	HD 133235		45 Mar 28.449	+ 12.0		80
ADS 9457A		20 Aug 6.165	- 27.0		36	W 8714		46 Apr 15.374	+ 21.3		80
W 8687								46 Apr 16.416	+ 17.5		80
14:53.9 -30 19		22 Mar 13.491	- 0.9		37	14:58.4 +32 04		47 Mar 9.479	- 24.0		80
HD 132347						HD 133254		48 Jun 24.251	- 27.1		80
						W 8711		49 Feb 6.540	- 36.6	2.2	80
								49 May 8.305	- 22.0	0.1	80

TABLE 2—Continued

R.A. (1900) Name	Dec1.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\frac{\text{\AA}}$ mm}	R.A. (1900) Name	Dec1.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\frac{\text{\AA}}$ mm}
14:58.8 -02 28 HD 133332 W 8719		21 Jun 14.265 21 Jun 25.228	- 40.1 - 21.1	± 1.7 8.0	81 81	15:02.9 +25 16 HD 134083 45 Boo W 8747		18 Mar 22.518 19 Mar 23.541 19 Jun 12.238	- 10.8 - 11.5 - 7.3	± 1.2 1.0	36 36 36
14:59.1 +35 36 HD 133392 W 8716		22 Mar 13.534 22 Jul 9.244 22 Aug 2.155	- 23.4 - 27.2 - 28.1	0.3 0.4	36 36 36	15:03.0 +09 16 HD 134113 W 8754		17 Mar 8.526 17 Jun 3.350 17 Jul 2.196	- 66.2 - 58.5 - 57.2	4.2 7.0 1.0	
15:00.0 +29 26 HD 133544 W 8726		20 Mar 11.516 23 May 4.387 24 Feb 22.507	- 17.5 - 18.6 - 18.6	3.4 5.5	37 37 36	15:03.1 +25 19 BD+25° 2874 W 8751		23 Aug 6.235 24 Jun 11.354 24 Jul 13.244	- 55.0 - 73.2 - 63.8	6.7 3.7 4.4	76 76 76
15:00.3 -22 56 HD 133604 W 8733		42 Jul 2.212 43 Jul 17.166 45 May 25.322	- 30.9 - 27.6 - 25.6		36 36 80	15:03.4 +54 56 HD 134190 W 8743		21 May 25.235 22 May 14.404 23 Mar 27.509	+ 18.8 + 15.2 + 13.0	1.7 2.6 1.7	36 36 36
15:00.4 +72 09 HD 133621 W 8709		18 Jul 24.171 19 Apr 20.432 19 May 11.366	- 43.4 - 42.8 - 47.6	0.2 3.7 0.5	36 36 36	15:03.7 +32 49 18C2010 W 8758		18 Apr 27.403 18 May 19.348 19 May 9.385 21 Aug 19.189 22 Jun 9.333	- 61.8 - 48.9 - 60.9 - 68.8 - 58.0	1.8 3.6	80 80 80 37 37
15:00.5 +48 03 HD 133640 44 i Boo ADS 9494A W 8727		18 Mar 28.365 19 Jan 19.566 19 Apr 11.432	- 24.1 - 25.6 - 23.1	1.6 1.2 0.0	36 36 36	15:03.9 +02 03 HD 134285 ADS 9517A W 8765		24 May 15.401 25 Apr 3.494 25 May 1.429	+ 8.8 + 10.6 + 10.8	1.9	36 36 36
15:00.5 +48 03 ADS 9494B W 8728		19 Jan 19.548 19 Apr 11.415 19 Apr 19.417 21 Jul 25.242	- 26.2 +114.1 +97.7 +181.3 +149.4 -187.1 +109.5		36 36 36 36	15:04.0 +32 45 BD+32° 2547 W 8758		26 Mar 30.488 26 Apr 24.452 26 Aug 16.204 28 Jul 4.256	- 51.7 - 65.0 - 66.1 - 69.0	6.7 26.2 0.1 4.2	76 37 76 76
15:00.6 -21 39 HD 133670 W 8734		34 Jun 28.229 36 Apr 12.411 37 Jun 1.233	+ 2.4 + 6.1 + 6.4		36 38 38	15:04.1 +64 26 HD 134319 W 8744		45 May 26.373 45 Jun 24.286 45 Jul 23.168	- 2.2 - 6.6 - 2.6		80 80 80
15:01.7 +84 20 HD 133872 W 8688		30 May 11.342 31 May 9.401 32 Mar 23.347 32 May 3.262	- 12.8 - 18.5 - 12.6 - 6.4	5.4 1.7 0.1 0.6	36 36 36 36	15:04.1 +26 41 HD 134320 46 Boo W 8761		26 Apr 28.384 26 Jun 27.209 26 Aug 19.156	+ 29.6 + 25.2 + 20.6	1.1 1.3 1.3	36 36 36
15:01.8 +29 24 BD+29° 2621 W 8738		25 Apr 13.400 38 Jun 6.291 40 May 23.264	- 5.4 - 11.9 - 6.8	1.9	37 63 80	15:04.1 +13 37 HD 134323 W 8766		34 Jul 3.200 36 Apr 30.348 37 May 19.301 37 Jun 24.203	- 42.8 - 46.8 - 43.2 - 53.1		36 36 38 38
15:01.8 -08 33 HD 133894 W 8740		44 Jun 30.189 45 May 3.347 46 Apr 11.402	+ 0.8 - 4.8 + 0.1		80 80 80	15:04.1 -23 36 HD 134329 W 8769		26 Apr 23.378 26 Jun 24.240 31 Mar 9.500	- 20.0 - 14.4 - 4.6	3.1 0.1 0.3	36 36 36
15:01.9 +29 50 BD+29° 2622 W 8739		28 Jun 17.264 38 May 13.301 39 May 9.299 39 Jun 9.240 49 Mar 6.457	- 33.5 - 20.0 - 38.8 - 29.2 - 9.0	2.5 11.1 3.7	76 63 70 70 80	15:04.2 +25 29 HD 134335 W 8764		26 Mar 21.388 28 Apr 11.420 28 Apr 30.369	- 20.1 - 13.7 - 16.4	0.8	36 36 36
15:02.6 +30 24 BD+30° 2611 W 8742		39 Apr 29.314 39 May 10.393 39 Jul 9.186 40 May 23.340	-278.8 -279.1 -280.2 -276.8		70 70 70 80	15:04.8 -15 53 HD 134439 W 8771		14 May 9.374 14 Jun 15.217 14 Jul 12.230	+249.3 +299.1 +295.1	12.9 3.7 4.0	
15:02.7 +36 50 HD 134044 W 8741		34 Jun 26.320 42 Jul 23.162 43 Apr 13.406	- 1.6 - 6.6 - 4.9		36 36 36	15:04.8 -15 59 HD 134440 W 8770		16 Mar 15.482	+303.6	4.1	
15:02.8 +09 37 HD 134066 ADS 9507A W 8749		34 Jul 4.173 35 Jul 11.182 37 Apr 1.399 37 Apr 18.398	- 33.5 - 38.6 - 34.7 - 32.0		36 38 38 38	15:05.6 +74 16 HD 134584 W 8753		39 Apr 10.364 42 Jun 21.252 43 May 19.343	- 18.4 - 19.8 - 11.1		38 36 36
15:02.8 +09 37 ADS 9507B W 8748		34 Jul 4.235 35 May 10.364 36 May 8.366	- 33.8 - 33.8 - 36.2		36 38 38	15:05.6 +72 16 HD 134585 W 8759		43 May 20.352 47 Mar 7.450 48 Mar 23.480	- 21.5 - 15.7 - 14.2		36 80 80
						15:05.8 +12 03 HD 134627 W 8777		43 Mar 27.445 46 May 17.312 48 Jun 21.259	- 18.3 - 17.2 - 22.2		80 80 80

TABLE 2—Continued

R.A. (1900) Name	Dec1.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\frac{\text{\AA}}{\text{mm}}$ }	R.A. (1900) Name	Dec1.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\frac{\text{\AA}}{\text{mm}}$ }
15:05.9 +63 30		46 Jul 10.239	+ 74.3		36			16 Apr 22.376	- 39.1		
HD 134646		48 Apr 16.398	- 55.3		36			32 Mar 19.444	- 32.9		80
ADS 9520A		48 May 14.285	+ 13.1		36						
W 8768		49 Aug 9.206	- 32.9		80	15:08.8 -00 58		10 May 16.259	- 76.0	+ 1.6	50
15:06.1 +39 21		47 Apr 6.399	- 12.3		80	HD 135204		10 May 21.269	- 71.2	2.0	50
HD 134679		47 Jun 9.275	- 18.5		80	ADS 9544AB		10 Jun 24.228	- 28.2	2.4	50
ADS 9527A		49 Apr 12.427	- 1.6	+ 0.0	80	W 8803		10 Jun 27.203	- 54.6	1.8	50
W 8775		49 Jul 8.268	- 18.7		80			12 Apr 26.373	- 70.9	2.9	
15:06.1 +39 21		47 Jun 7.220	+ 8.8	1.8	80			12 May 30.296	- 70.2	4.2	
ADS 9527B		49 Apr 12.378	- 2.0		80			12 Aug 6.194	- 65.6	3.7	
W 8776		49 May 13.407	- 4.9		80	15:08.8 -01 31		13 Jul 24.169	- 69.9	2.7	
		50 May 30.308	- 21.8		80	HD 135205		29 May 24.315	- 66.7		76
15:06.5 -19 25		11 Apr 17.406	- 27.2	3.0		Y Ser		39 Jun 25.260	- 51.1		81
HD 134759		11 Jun 10.217	- 28.4	0.1		W 8804					
24 i Lib		11 Jun 17.174	- 9.5	5.6		15:08.8 -13 50		44 Jun 13.254	+ 17.1	2.0	80
ADS 9532A		12 Apr 24.412	- 13.8	4.1		HD 135207		46 May 18.293	+ 7.0		80
W 8785		12 Jun 3.280	- 16.5	1.4		W 8809		47 Apr 28.397	0.0		80
		12 Jun 28.211	- 7.8	2.6				48 Jun 23.238	+ 0.9		80
15:06.8 +66 11		43 Mar 26.492	- 32.4	0.2	80	15:08.8 -18 04		30 Jun 15.312	- 29.2	1.7	36
HD 134807		45 Jun 18.253	- 20.5	0.1	36	HD 135208		31 Mar 4.542	- 23.2	0.0	36
W 8773		46 Apr 13.439	- 24.2		80	W 8812		32 Apr 15.456	- 26.3	3.8	36
		50 May 7.394	- 27.7		80			32 May 25.260	- 23.1	0.2	36
15:07.4 -21 36		38 May 8.309	- 75.5		124	15:08.9 -03 26		25 May 9.427	-102.8	17.3	76
CPD-21° 5912		41 Jun 6.288	- 67.6		108	BD-3° 3746		25 Jun 13.276	-105.6	5.7	76
W 8795		44 Apr 19.385	- 78.2		110	W 8807		25 Aug 3.199	-109.1		76
15:07.5 +19 22		14 Feb 12.450	- 33.9	2.3				36 Mar 14.493	- 69.0		80
HD 134943		14 Mar 10.490	- 35.0	1.7				37 Jul 26.198	-111.3		80
W 8790		14 Apr 7.464	- 34.4	2.6		15:08.9 -17 24		12 Apr 23.398	- 27.6	3.1	
15:07.6 +22 43		43 Mar 27.476	- 30.6		80	HD 135230		12 May 4.373	- 27.6	1.0	
HD 134963		44 May 15.315	+ 20.6	2.7	80	26 Lib		12 Jun 4.314	- 19.0	4.3	
W 8792		46 May 19.355	- 28.2		80	W 8815		12 Aug 6.144	- 27.6	1.1	
		48 Jun 22.263	- 29.2		80						
15:07.6 -19 17		11 Jun 10.266	+ 3.2	1.7		15:09.0 +59 26		22 Feb 16.555	- 11.5		37
HD 134967		11 Jun 17.234	- 9.0	7.2		HD 135244		22 May 17.297	- 6.5		36
25 Lib		12 Jun 4.288	+ 27.2	3.6		W 8794		22 Jun 15.207	- 11.0		37
W 8796		50 Mar 3.476	- 18.1	16.8	36	15:09.1 +14 50		37 May 20.353	+ 25.9		38
15:07.7 -24 56		25 May 2.380	+ 4.3	0.0	36	HD 135264		38 Jun 8.265	+ 31.0		63
HD 134987		25 Jul 13.177	- 2.5	5.3	36	ADS 9543A		39 Apr 30.307	+ 28.4	0.1	70
23 Lib		26 Feb 22.541	+ 5.4		36	W 8805		40 Feb 17.512	+ 30.6		36
W 8799											
15:08.0 -25 49		42 Jun 4.265	- 28.3		36	15:09.1 +14 50		39 Apr 30.369	+ 33.9		70
HD 135051		43 Jun 19.225	- 31.8		36	ADS 9543B		40 Mar 20.511	+ 28.2		70
ADS 9538A		49 Jul 7.192	- 23.4		80	W 8806		40 May 24.292	+ 22.9		80
W 8801								40 May 25.285	+ 27.3		80
15:08.3 +49 04		33 Apr 15.388	+ 41.9	1.1	36	15:09.2 +10 22		48 May 25.328	- 65.4		108
HD 135100		39 Mar 9.492	- 12.1		70	AP Ser					
W 8791		41 Jul 2.186	- 24.7		36	W 8811					
		45 Jun 24.316	- 10.7		80	15:09.3 +87 37		34 Jun 4.281	- 22.1		36
15:08.3 +19 40		10 May 12.317	- 37.0	1.0	50	HD 135294		43 Jul 10.303	- 29.1		80
HD 135101		10 May 22.256	- 37.4	2.2	50	W 8661		46 Jun 13.308	- 28.7		80
ADS 9535A		10 May 30.422	- 34.6	1.6	50	15:09.6 +76 34		19 May 14.403	+ 1.5	3.2	80
W 8797		13 Mar 21.532	- 33.0	2.6		HD 135363		24 Feb 21.494	- 4.9	3.3	80
		13 Apr 15.441	- 32.1	3.5		W 8782		24 May 22.392	+ 2.0	0.5	80
		13 May 16.412	- 38.6	0.4							
15:08.3 +19 40		10 May 22.221	- 37.1	1.1	50	15:09.7 +38 56		See SpJ 103, 114, 1946			
ADS 9535B		10 May 30.359	- 38.6	2.1	50	SS Boo					
W 8798		10 May 31.334	- 41.7	1.5	50	W 8813					
		13 Apr 15.372	- 36.2	2.0		15:09.8 +38 39		22 May 16.351	- 55.6	4.4	36
		13 May 16.380	- 38.4	2.0		HD 135402		22 Jul 17.226	- 62.9	0.3	36
		13 Jul 23.224	- 47.5	1.7		W 8814		22 Aug 3.155	- 66.4	2.2	36
		13 Aug 23.208	- 41.0	5.2							

(cont.)

TABLE 2—Continued

R.A. (1900) Name	Decl. (1900)	Date (UT)	Vel. (km sec ⁻¹)	p.e. ($\frac{\text{\AA}}{\text{mm}}$)	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl. (1900)	Date (UT)	Vel. (km sec ⁻¹)	p.e. ($\frac{\text{\AA}}{\text{mm}}$)	D ($\frac{\text{\AA}}{\text{mm}}$)
15:10.2 +05 19 HD 135482 3 Ser W 8819		17 Apr 4.480 17 Jul 8.297 20 Mar 12.458	- 35.0 - 32.0 - 35.7	+ 2.3 1.6	36	15:13.9 +44 10 HD 136136 ADS 9573A W 8845		22 May 6.431 23 Apr 27.439 23 May 27.356 24 Feb 21.500	- 22.9 - 19.8 - 13.5 - 12.9	+ 6.4 4.1 1.6 6.1	37 37 37 76
15:10.3 +29 32 HD 135502 48 X Boo W 8818		12 Aug 30.142 13 Jun 21.273 13 Jul 17.249 13 Aug 16.168	- 15.1 - 17.4 - 22.1 - 18.6	3.5 3.2 1.0 1.2		15:13.9 +44 10 ADS 9573B W 8846		23 Jun 7.272 23 Jun 29.219 24 Feb 21.547	- 44.7 - 48.9 - 41.6	3.0 37 0.4	37 37 76
15:10.5 +42 33 HD 135530 W 8817		43 Mar 28.462 45 Mar 25.518 45 Jun 2.323	- 10.1 - 4.8 - 7.8	2.2 2.9	80 36 36	15:13.9 +20 57 HD 136138 W 8857		24 May 26.309 25 Mar 4.516 25 Mar 4.536	- 6.0 - 11.0 - 5.9	0.3 1.2	36 36 36
15:10.5 -22 02 HD 135534 W 8829		27 May 12.365 27 Jul 14.173 28 May 2.341 28 Jun 21.254	- 14.9 0.0 - 8.6 - 2.0	0.0 1.1 0.4	36 36 36 36	15:13.9 -08 47 HD 136140 W 8860		43 May 14.356 44 May 30.286 45 Jun 17.240	+ 12.4 + 11.9 + 7.7		80 80 80
15:10.7 +00 44 HD 135559 4 Ser W 8826		12 Jun 3.335 12 Jun 27.275 13 May 15.393 13 Aug 17.155	- 10.6 0.0 - 1.6 - 6.6	5.2 4.5 6.2 14.3		15:14.0 +10 48 HD 136160 ADS 9580A W 8859		23 May 24.420 23 Jun 23.329 23 Jun 24.285	- 49.0 - 41.1 - 47.8	7.5	36 36 36
15:11.0 +02 32 Z Ser W 8831		See ApJ 96, 344, 1942				15:14.1 +32 01 HD 136175 U CrB W 8856		31 Apr 28.365	- 55.5 +144.4		76
15:11.4 +72 11 HD 135694 W 8808		38 Jun 13.240 43 Jun 10.271 43 Aug 9.165	- 91.6 - 83.5 - 82.0		63 80 80	15:14.1 +27 12 HD 136176 ADS 9578AB W 8858		22 Aug 2.187 23 Feb 25.539 23 Mar 2.542	- 22.0 - 20.5 - 17.7		36 36 36
15:11.5 +33 41 HD 135722 49 6 Boo ADS 9559A W 8830		17 Jul 1.229 17 Jul 8.265 19 Mar 23.528	- 14.8 - 12.1 - 6.0	1.0 0.8	36	15:14.2 +02 09 HD 136202 5 Ser ADS 9548A W 8861		17 Mar 4.518 17 Jul 9.280 18 Apr 30.406	+ 50.4 + 54.6 + 46.9	1.2 1.1 0.8	36
15:11.5 -07 54 HD 135725 ADS 9564A W 8836		24 May 13.389 27 Jul 13.215 47 Jul 2.210	- 30.4 - 37.6 - 34.9	0.6 4.8	76 36 80	15:14.2 -07 21 BD-7° 4003 W 8663		25 Jul 5.236 25 Aug 13.204 27 Jul 7.256 27 Jul 9.226	- 21.4 - 32.5 - 30.5 - 33.7		76 76 37 37
15:11.7 -29 47 HD 135758 W 8841		28 Mar 15.425 31 Mar 8.511	- 3.0 - 9.3	1.2	76 36	15:14.6 -08 17 HD 136257 W 8865		20 May 26.309 20 Jun 8.226 20 Jun 9.309	+ 25.3 + 31.7 + 27.4		36 36 36
15:11.8 +16 49 BF Ser		55 Jun 2.366	-143.0		110	15:14.7 +26 04 HD 136274 W 8862		14 Jul 9.251 15 Jul 25.218 16 Apr 14.466	- 35.6 - 35.8 - 27.4	0.7 1.7 1.2	
15:11.8 +10 04 HD 135775 W 8835		23 Mar 28.502 23 Apr 26.413 23 May 8.407 23 May 24.386 23 Jun 25.166 24 Jun 14.276 25 Aug 3.149	- 3.7 + 0.8 - 15.0 - 19.1 - 12.4 - 21.6 - 5.9	3.8 1.8 1.6 1.1 3.3 36 36	36 36 36 36 36 36	15:15.1 -15 12 HD 136407 29 o Lib W 8876		12 May 27.331 12 Jul 4.246 12 Aug 4.181 38 May 8.355 47 Mar 9.526	+ 5.0 - 4.1 + 24.8 - 0.4 + 1.7	2.2 5.0 1.1 7.8	38 80
15:13.0 -08 06 TV Lib W 8848		32 Apr 15.411	- 44.9		124	15:15.2 -17 48 HD 136366 28 Lib W 8869		16 Jul 13.205 17 May 6.357 17 Jun 6.290 17 Jul 11.185	+ 5.3 + 4.1 - 2.9 + 6.8	2.7 0.1	
15:13.2 +35 28 UU Boo W 8843		48 Mar 26.438	- 13.0		110	15:15.4 -15 01 HD 136406 W 8873		28 May 19.301 38 Jun 7.262 39 Apr 5.456 47 Mar 7.492	- 23.2 - 12.0 + 23.5 - 20.3		37 63 70 80
15:13.3 -08 47 HD 136028 W 8849		35 Jul 19.192 36 Mar 8.504 42 Mar 25.487	- 10.9 - 17.8 - 9.0		38 38 36	15:15.8 -05 28 HD 136479 W 8878		27 Mar 22.470 27 Mar 22.505 27 May 13.325 27 May 15.376 30 Feb 6.545 31 Mar 30.447 32 May 24.276	- 24.4 - 28.1 - 38.9 - 42.3 - 28.4 - 28.8 - 34.1	2.0 1.9 2.5 1.0 0.2	36 36 36 36 36 36 36
15:13.5 +67 44 HD 136064 W 8834		13 Mar 30.451 13 May 25.305 13 Sep 10.151	- 45.8 - 45.2 - 45.8	0.6 1.9 1.0							

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)
15:16.0 +29 59 HD 136512 1 o CrB W 8870		29 Mar 5.508 29 Apr 21.326 30 Aug 4.165 30 Sep 7.135	- 54.2 - 55.6 - 54.6 - 48.7	+ 1.2 3.8	36 36 36 36	15:19.1 +30 39 HD 137107 2 n CrB ADS 9617AB W 8909		16 Feb 23.540 16 May 21.329 16 Jun 22.259 18 Jul 24.210	- 5.9 - 9.6 - 10.6 - 7.0	+ 1.2 2.0 0.7	
15:16.0 +01 04 HD 136514 6 Ser ADS 9596A W 8879		10 Apr 29.349 10 May 26.326 10 Jun 23.249 10 Jun 26.254 10 Jun 27.238 10 Jul 13.217 10 Jul 15.211 11 Mar 12.465 11 Mar 13.460 11 Apr 7.385	- 24.4 + 29.6 + 2.4 + 13.8 + 8.9 + 40.2 + 7.5 + 10.7 + 10.1 + 10.7	3.6 0.1 3.7 8.6 4.7 5.8 6.7 0.7 2.3	50 50 50 50 50 50 50	15:20.7 +37 41 HD 137392 51 μ^2 Boo ADS 9626BC W 8920		17 May 12.370 17 Jun 29.268 17 Jul 1.260 18 Mar 23.516	- 8.7 - 9.4 - 8.0 - 8.5	0.5	36
15:16.1 +31 03 HD 136526 ADS 9592A W 8874		24 May 18.365 25 Jun 13.181	- 47.0 - 51.4	5.2	76 76	15:21.0 +63 42 HD 137443 W 8915		27 Apr 22.437 27 Apr 22.472 27 May 13.362 33 Mar 13.526	- 45.2 - 50.6 - 43.3 - 48.0	0.6 0.9 2.4 0.4	36 36 36 36
15:16.1 +31 03 ADS 9592B W 8872		18 May 21.395 18 Aug 20.205 23 Jul 25.193 25 Apr 3.467 25 May 3.442 25 May 5.418	- 41.8 - 40.6 - 41.0 - 45.6 - 45.4 - 40.7	9.4 6.1 3.2	80 80 76 76 76 76	15:21.2 +15 47 HD 137471 9 τ^1 Ser W 8921		17 May 12.410 17 Jul 9.259 18 Mar 30.451	- 19.8 - 16.8 - 17.9	0.0	36
15:16.1 +31 03 ADS 9592B W 8872		18 May 21.395 18 Aug 20.205 23 Jul 25.193 25 Apr 3.467 25 May 3.442 25 May 5.418	- 41.8 - 40.6 - 41.0 - 45.6 - 45.4 - 40.7	9.4 6.1 3.2	80 80 76 76 76 76	15:21.6 +18 31 HD 137557 ADS 9634AB W 8926		15 Jun 1.297 15 Jul 26.208 16 Mar 14.495 16 Jul 11.273	- 10.2 + 1.1 - 9.6 - 9.6	3.9 0.7 1.7 0.0	
15:16.3 +50 34 HD 136562 W 8867		24 Apr 12.463 47 May 8.285 49 Aug 9.218	- 24.3 - 21.4 + 11.5	5.2	76 36 80	15:21.7 +10 23 HD 137570 W 8929		46 Mar 24.486 46 Jun 12.267 48 Apr 19.431	- 50.6 - 53.1 - 53.7		80 80 80
15:17.2 +72 11 HD 136726 11 UMi W 8864		29 Apr 27.356 30 Jul 18.159 33 Apr 11.402 34 May 25.433 39 Apr 19.504 39 Apr 30.492 47 Jun 2.320	- 14.7 - 12.8 - 16.8 - 15.1 - 17.2 - 16.9 - 16.1	1.1 2.9	36 36 36 36 36 36 36	15:21.9 -24 49 HD 137613 W 8932		20 May 7.285 20 Jul 4.222 21 Feb 24.479	+ 63.0 + 53.7 + 57.8	3.9 1.3 1.5	37 37 37
15:17.2 +52 17 HD 136729 W 8882		13 Apr 28.372 13 Apr 30.444 13 May 18.414 13 Jun 18.294 13 Aug 16.243	+ 5.8 + 9.1 + 18.6 + 7.6 + 17.2	5.8 3.2 3.9 6.8 6.9		15:22.0 +47 25 HD 137629 W 8922		29 Jul 21.160 30 Feb 19.485 30 Apr 16.371 31 Mar 11.483 33 Apr 10.331	- 20.8 - 6.9 - 31.4 - 8.6 - 18.6	2.8 0.9 0.0 0.4	36 36 36 36 36
15:17.2 +52 17 HD 136729 W 8882		13 Apr 28.372 13 Apr 30.444 13 May 18.414 13 Jun 18.294 13 Aug 16.243	+ 5.8 + 9.1 + 18.6 + 7.6 + 17.2	5.8 3.2 3.9 6.8 6.9		15:22.4 +34 41 HD 137704 W 8931		25 Jul 8.164 25 Jul 31.166 25 Aug 31.151	- 49.7 - 48.0 - 47.0		36 36 36
15:17.5 -14 47 HD 136801 W 8900		28 Jun 1.303 28 Jun 22.275 31 Jun 1.299	+ 17.0 + 12.0 + 13.6	1.7 1.4 0.3	36 36 36	15:22.6 -16 22 HD 137744 32 Lib W 8935		31 Apr 4.458 34 Apr 4.431 34 May 1.402 45 Apr 28.400	- 31.7 - 17.1 - 18.7 - 21.0	1.8	36 36 36 36
15:17.7 +01 47 HD 136834 W 8899		16 May 16.397 16 Jun 14.255 16 Jul 21.240	- 29.6 - 29.7 - 30.5	5.5 3.0 0.3		15:22.7 -09 00 HD 137763 W 8936		20 Apr 2.488 20 May 7.391 20 Jun 25.319 20 Jul 28.168 21 Apr 17.473 21 Jun 13.247 21 Jul 15.176 21 Aug 17.153	+ 12.4 - 3.8 + 19.1 + 5.3 - 6.3 + 0.3 - 7.0 + 0.5	2.0 0.4 0.5	36 36 36 36 36 36 36 36
15:17.8 +33 17 HD 136849 50 Boo W 8894		11 Apr 15.396 11 Jul 7.277 11 Jul 12.195 12 Jun 29.268	+ 21.4 - 2.7 - 40.6 - 2.5	6.5 5.2 5.1 0.1		15:22.8 -09 00 HD 137778 W 8937		20 May 7.343 20 Jun 25.247 20 Jul 7.218 20 Jul 25.203 21 Apr 17.415 21 Jul 15.226	+ 15.6 + 3.7 + 4.9 + 12.3 + 11.6 - 0.2	1.1 0.5 6.9 4.0 0.2 2.8	36 36 36 36 36 36
15:18.4 -12 01 HD 136956 W 8908		31 Jul 2.172 32 May 21.360 32 May 24.305 34 Apr 4.392	- 24.1 - 21.2 - 30.0 - 25.3	0.5 0.7 3.7	36 36 36 36	15:23.1 +66 54 HD 137826 W 8923		20 Apr 30.449 20 May 29.322 22 Jun 5.332 23 Apr 29.417 23 May 27.391	- 56.3 - 34.6 - 39.7 - 22.3 - 40.3	5.7 6.7 4.9 1.3	80 80 80 80
15:18.4 -12 01 HD 136956 W 8908		31 Jul 2.172 32 May 21.360 32 May 24.305 34 Apr 4.392	- 24.1 - 21.2 - 30.0 - 25.3	0.5 0.7 3.7	36 36 36 36	15:23.3 +25 26 HD 137853 W 8938		16 Jul 16.249 17 Mar 5.499 17 Apr 8.512	- 4.3 - 8.7 - 5.8	2.5 0.5 1.7	
15:18.6 -00 40 HD 137006 8 Ser W 8910		12 Apr 23.438 12 Jun 4.341 12 Jul 5.264 13 Jun 20.336	- 9.0 - 5.3 + 0.3 + 2.4	5.0 6.8 1.5 4.0							
15:18.9 +39 56 HD 137071 W 8906		13 Mar 30.502 47 Jun 3.327	- 12.8 - 8.4		36						

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\frac{\text{\AA}}$ mm}	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\frac{\text{\AA}}$ mm}
15:23.9 -17 05 HD 137949 W 8945		24 Apr 12.499 - 28.4 33 Apr 14.398 - 29.0 34 Apr 21.410 - 31.3 34 Apr 22.408 - 39.7 34 Apr 26.396 - 32.6	- 28.4 - 29.0 - 31.3 - 39.7 - 32.6	+ 0.7 0.8	76 36 36 36 36	15:28.4 +03 07 AR Ser W 8974		48 Jun 28.198 - 20.8 48 Aug 24.182 +129.8	- 20.8 +129.8		110 108
15:25.0 -16 16 HD 138137 34 Lib W 8952		14 Jun 3.278 - 1.8 14 Jul 13.218 - 4.7 15 Apr 1.482 + 0.9	- 1.8 - 4.7 + 0.9	1.8 1.9 2.0		15:28.5 -27 42 HD 136688 36 Lib W 8979		31 Mar 8.533 + 4.8	+ 4.8		36
15:25.9 +61 01 HD 138265 W 8947		37 Apr 26.367 - 51.3 39 Mar 8.512 - 49.0 42 Jun 2.306 - 51.9 45 Apr 30.448 - 47.5	- 51.3 - 49.0 - 51.9 - 47.5		38 36 36 36	15:28.7 -09 43 HD 138716 37 Lib W 8977		15 Jun 20.233 + 46.4 15 Jul 19.159 + 44.7 15 Jul 23.155 + 44.8	+ 46.4 + 44.7 + 44.8	+ 1.0 3.4 1.2	
15:25.9 -19 49 HD 138268 ADS 9681A W 8962		42 May 28.330 + 8.6 - 91.9 42 Jun 30.228 - 94.8 + 18.0 47 Mar 7.527 - 60.8 47 Apr 11.460 - 19.7	+ 8.6 - 91.9 - 94.8 + 18.0 - 60.8 - 19.7		36 36 80 80	15:29.0 -08 51 HD 138764 W 8981		11 Jul 6.166 - 6.2 11 Jul 14.185 - 5.9 12 Jun 8.249 - 7.6 12 Jun 30.250 + 3.4	- 6.2 - 5.9 - 7.6 + 3.4	2.2 2.0 2.8 2.3	
15:25.9 -19 49 ADS 9681B W 8961		43 Apr 23.398 - 34.0 43 Jul 12.177 + 2.8 44 May 3.381 - 11.7 45 May 24.321 - 82.0	- 34.0 + 2.8 - 11.7 - 82.0	1.1 3.1	80 80 80 80	15:29.6 +64 33 HD 138852 W 8969		31 Apr 7.432 + 13.9 31 Jul 5.161 + 9.8 33 Apr 10.368 + 8.0	+ 13.9 + 9.8 + 8.0	1.4 2.5 0.3	36 36 36
15:26.0 +02 02 HD 138279 VY Ser W 8957		46 May 19.319 + 27.8	+ 27.8		124	15:30.0 +10 53 HD 138918 13 δ Ser ADS 9701A W 8987		18 Jun 14.232 - 47.3 19 Mar 24.525 - 43.9 19 Jun 12.273 - 40.0	- 47.3 - 43.9 - 40.0		36 36 36
15:26.6 +57 47 HD 138367 ADS 9672A W 8950		10 Jun 22.246 - 39.4 10 Jun 25.240 - 33.2 10 Jun 28.241 - 41.4 10 Jun 30.238 - 42.1 10 Jul 16.306 - 27.7 13 Mar 27.524 - 31.0 13 Apr 26.442 - 33.5 13 May 17.369 - 31.4	- 39.4 - 33.2 - 41.4 - 42.1 - 27.7 - 31.0 - 33.5 - 31.4	1.3 3.1 2.0 3.3 2.6 1.2 0.6 3.5	50 50 50 50 50	15:30.0 +10 53 HD 138917 ADS 9701B W 8986		18 Jun 14.251 - 33.3 19 Mar 24.537 - 34.0 19 Jun 12.257 - 42.6	- 33.3 - 34.0 - 42.6	1.4 6.3 4.9	36 36 36
15:26.7 +36 07 ST Boo W 8960		23 Jul 21.187 - 8.5 24 Apr 9.467 + 66.9 33 Apr 2.420 - 15.9	- 8.5 + 66.9 - 15.9	6.3	108	15:31.0 +18 00 HD 139074 15 τ^3 Ser W 8996		17 Mar 13.528 - 22.0 17 May 3.386 - 21.0 17 Jun 9.363 - 15.2 17 Jun 29.320 - 22.3 18 Mar 28.491 - 21.8 18 Apr 30.440 - 21.4 18 Jul 20.175 - 28.4 19 Jun 18.292 - 26.3 19 Jul 12.267 - 26.2 20 Jul 30.172 - 20.0	- 22.0 - 21.0 - 15.2 - 22.3 - 21.8 - 21.4 - 28.4 - 26.3 - 26.2 - 20.0	0.1 1.2 2.1 0.4 1.1 1.6	36 36 36 36 36 36
15:27.0 -08 12 UZ Lib		32 Mar 18.502 - 9.0	- 9.0		81	15:31.1 +11 35 HD 139087 W 9000		34 Jun 20.264 - 25.9 35 Jun 23.246 - 22.0 37 May 21.312 - 32.0 37 Jun 1.271 - 35.2	- 25.9 - 22.0 - 32.0 - 35.2	0.2 0.2	38 38 38 38
15:27.3 +41 10 HD 138481 52 ν^1 Boo W 8963		21 May 25.270 - 8.0 22 Jun 12.268 - 3.9 22 Aug 11.156 - 8.4	- 8.0 - 3.9 - 8.4		36 36 36	15:31.4 +26 05 RU CrB W 8999		See ApJ 96, 344, 1942			
15:27.3 -16 31 HD 138485 35 ζ Lib W 8968		11 Mar 20.497 - 28.6 11 Mar 25.485 - 8.2 11 Jun 18.165 + 30.4	- 28.6 - 8.2 + 30.4	16.2 12.8 6.7		15:31.4 -00 14 HD 139137 14 Ser W 9006		23 Feb 6.555 - 5.0 23 Jun 1.283 - 33.1 23 Jun 3.269 - 41.5 23 Jun 7.274 - 30.5	- 5.0 - 33.1 - 41.5 - 30.5	3.3 1.0 0.4	37 36 36 36
15:27.6 +16 24 HD 138527 12 τ^2 Ser W 8966		13 Apr 24.416 - 6.6 13 Jun 17.308 - 1.8 13 Jul 12.239 - 15.3 13 Aug 18.191 - 9.8	- 6.6 - 1.8 - 15.3 - 9.8	6.5 5.6 3.1 4.9		15:31.5 +39 21 HD 139153 6 μ CrB W 8998		24 May 13.406 - 17.2 24 May 23.219 - 19.0 24 Jun 14.326 - 13.7 24 Jun 17.274 - 23.0	- 17.2 - 19.0 - 13.7 - 23.0	1.3 0.4 0.6 0.4	36 36 36 36
15:27.8 -00 51 HD 138562 11 Ser W 8971		29 Mar 29.405 - 17.3 29 Jun 23.235 - 15.2 30 Jul 17.164 - 14.6	- 17.3 - 15.2 - 14.6	1.0	36 36 36	15:31.8 +82 14 HD 139213 W 8954		23 Apr 27.462 - 1.0 23 May 27.472 - 9.1 23 Jun 28.295 + 12.5 24 Aug 11.184 - 24.2 47 Jun 30.241 - 6.7	- 1.0 - 9.1 + 12.5 - 24.2 - 6.7	1.2 1.1 1.5 4.2	80 80 36 80
15:28.3 -16 39 HD 138648 W 8975		43 Apr 21.382 + 44.3 43 Jun 18.266 + 66.8 45 Jun 25.227 + 41.1 47 Apr 1.396 + 50.7	+ 44.3 + 66.8 + 41.1 + 50.7	1.0 1.9	36 36 80 36	15:31.8 +15 26 HD 139216 W 9008		23 Jul 3.224 - 26.2 26 Apr 22.458 - 29.2 26 Jun 2.353 - 13.2 27 Apr 21.398 - 31.4 27 May 14.402 - 26.8	- 26.2 - 29.2 - 13.2 - 31.4 - 26.8	1.0 0.1 0.3	36 36 36 36 36

TABLE 2—Continued

R.A. (1900) Name	Decl. (1900)	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D (mm)	R.A. (1900) Name	Decl. (1900)	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D (mm)
15:31.9 +28 45		29 Apr 21.368	- 3.8		76	15:34.2 +40 41		30 Mar 9.465	- 14.8		36
HD 139224		30 Mar 12.452	- 0.8		76	HD 139641		34 Mar 3.538	- 6.7		36
W 9002		30 Jul 14.241	- 10.6		37	54 ϕ Boo		34 May 25.318	- 9.1		36
		34 Jul 27.179	- 0.7		37	W 9030		34 May 27.272	- 7.0		36
15:31.9 +16 27		29 Apr 21.363	+ 6.7	$\pm$ 0.9	36	15:34.3 -23 30		30 Apr 18.424	- 10.6	$\pm$ 3.7	36
HD 139225		32 Feb 22.526	+ 4.5	3.4	36	HD 139663		33 Jun 10.278	- 10.6		36
18 τ^5 Ser		32 Jul 17.186	- 9.0	5.9	36	42 Lib		34 Mar 29.493	- 25.4		36
W 9010		34 Apr 4.474	- 7.3		36	W 9042		39 Jun 28.273	- 24.1		36
15:32.0 -22 49		29 Jun 21.270	+ 13.5	1.8	36	15:34.4 +77 41		19 Aug 8.165	- 29.7	1.7	36
HD 139254		31 Jul 2.220	+ 3.9	0.9	36	HD 139669		22 May 14.428	- 20.8	0.5	36
W 9019		32 Jul 18.161	+ 10.1	0.4	36	15 θ UMi		22 Jun 14.180	- 26.4	4.2	36
15:32.3 +50 01		25 Jun 30.269	- 9.4		36	W 8994					
HD 139307		26 May 21.330	- 12.3		36	15:35.0 +80 47		18 Jun 23.335	- 17.2	2.3	36
W 9001		26 Jun 25.306	- 8.8		36	HD 139777		18 Aug 25.159	- 16.2	2.4	70
15:32.3 -00 33		31 May 6.413	- 26.0		36	ADS 9686A		19 Apr 20.477	- 15.6	1.4	36
HD 139308		38 May 12.311	- 28.9		63	W 8983		33 Oct 5.118	- 7.5		36
W 9020		39 Jun 2.269	- 23.5		70	15:35.0 +54 51		34 Jul 24.173	- 19.8		36
		40 Jun 18.203	- 18.4		36	HD 139778		35 Jul 18.172	- 23.5		38
15:32.5 +40 08		10 Jun 28.351	- 53.4	2.0	50	W 9032		36 Jun 29.216	- 23.6		38
HD 139341		10 Jun 30.328	- 57.6		50	15:35.0 +43 56		25 Mar 11.508	+ 4.2	5.3	36
ADS 9716AB		10 Jul 20.297	- 59.3	1.6	50	HD 139780		47 Jun 28.259	- 5.0	4.9	36
W 9012		13 Apr 27.435	- 70.7	1.2		W 9038		47 Jul 4.200	+ 14.4	10.4	80
		13 May 16.477	- 72.6	1.9				47 Aug 6.151	+ 15.7		80
		13 Jun 13.365	- 69.8	2.0		15:35.1 +47 08		12 May 3.403	- 11.4	3.1	
15:33.1 -18 58		32 May 22.348	+ 46.1	1.0	36	HD 139798		12 Jun 7.346	+ 2.8	0.7	
HD 139446		34 Mar 6.486	+ 47.8		36	W 9037		12 Jul 8.250	- 1.6	1.0	
41 Lib		34 Apr 20.408	+ 45.8		36			12 Aug 18.183	- 6.6	1.7	
W 9029								13 Jun 12.323	+ 0.1	1.1	
15:33.2 +10 35		36 Apr 11.375	+ 36.9		38	15:35.2 +80 47		24 May 13.477	- 37.8	2.2	36
HD 139457		36 May 9.394	+ 36.1		36	HD 139813		24 Jul 10.302	- 41.8	1.1	36
W 9024		37 Jun 27.254	+ 43.0		38	ADS 9696B		24 Aug 12.263	- 28.4	2.7	36
15:33.2 -08 28		27 Jun 8.350	- 0.6	0.9	36	W 8985		27 May 14.475	- 32.4	4.0	36
HD 139461		28 Jun 13.310	+ 14.6	2.0	36			27 Jul 10.271	- 24.2	2.1	36
ADS 9728A		29 Apr 20.466	- 16.2	2.0	36			33 Apr 10.417	- 21.3	1.9	36
W 9028		29 Apr 24.340	- 3.6	3.0	36			34 Apr 28.368	- 15.1		36
		30 Apr 11.416	+ 1.6	0.5	36	15:35.2 +29 57		See ApJ 79, 89, 1934			
		31 Apr 1.463	+ 1.0	2.2	36	HD 139815					
15:33.2 -08 28		27 Jun 8.317	+ 1.7		36	RW CrB					
HD 139460		28 Jun 13.265	+ 3.8	3.5	36	W 9041					
ADS 9728B		29 Apr 24.424	+ 4.0	2.8	36	15:35.3 -00 35		26 May 4.406	- 7.8	1.5	36
W 9027		29 May 20.406	- 3.1	3.8	36	HD 139840		39 Jun 1.333	- 3.0		70
15:33.8 +30 26		26 Jun 24.222	- 26.5		37	W 9049		41 Jul 16.191	- 2.4		36
HD 139569		27 Jul 13.227	- 27.7		37	15:35.4 +12 23		46 Jun 19.257	- 21.0		36
ADS 9727A		29 Jun 14.323	- 19.7		76	HD 139862		46 Jul 12.175	- 22.9		36
W 9025						W 9740A		48 Mar 21.490	- 15.8		80
15:33.8 +30 26		23 Jun 4.375	- 29.1	9.8	36	W 9048					
ADS 9727B		26 Jun 24.281	- 19.8	3.9	37	15:35.6 +36 58		12 Jul 10.214	+ 2.0	4.8	
W 9026		27 Jul 13.326	- 30.9		37	HD 139892		12 Aug 31.172	- 9.0	3.4	
15:33.9 +68 09		36 Jul 5.191	- 37.8		38	7 ζ^2 CrB		13 Mar 29.509	- 15.2	7.9	
HD 139586		40 Jun 19.294	- 28.7		36	ADS 9737A		13 May 21.372	- 34.6	2.7	
W 9011		42 Mar 1.503	- 35.3		36	W 9044		17 Jul 4.201	- 28.4	2.8	
15:33.9 00 00		26 May 31.292	- 32.0	4.2	36	15:35.6 +36 58		32 Jul 17.258	- 14.8	1.3	36
HD 139590		27 Mar 23.498	- 24.2	5.4	36	HD 139891		33 Jun 10.313	- 25.1		36
W 9035		27 Jun 16.256	- 27.7		36	7 ζ^1 CrB		34 Feb 3.517	- 29.1		36
15:34.0 +24 51		43 Mar 27.511	- 26.1	1.0	80	ADS 9737B		34 Apr 27.401	- 10.3		36
HD 139608		43 May 15.363	- 22.1		80	W 9043		34 May 27.319	- 16.4		36
W 9031		45 May 4.391	- 16.0	2.1	80	15:36.2 -19 21		25 Apr 7.458	+ 6.4	4.3	36
						HD 139997		25 Jun 14.262	+ 12.0	1.7	36
						43 κ Lib		25 Jun 14.286	+ 16.3	1.1	36
						W 9055					

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D (mm)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D (mm)
15:36.2 -20 27		See ApJ, 86, 363, 1937				15:39.5 +66 10		39 Apr 7.450	- 25.4	+ 0.3	70
RX Lib						HD 140611		43 Apr 19.482	- 16.6		80
W 9057						W 9066		43 Jul 20.200	- 15.8		36
								49 Apr 8.460	- 21.8		80
15:36.4 +16 21		23 Apr 9.450	+ 5.8	+ 1.9	36	15:39.9 -24 24		33 May 4.359	+ 1.9		80
HD 140127		23 May 28.319	+ 8.2	1.3	36	HD 140687		42 Jul 5.192	+ 2.2		36
19 τ^0 Ser		23 Jun 23.294	- 0.6	0.2	36	W 9087		48 Apr 19.396	+ 2.6		80
W 9054		24 Jun 13.364	+ 0.3	0.3	36						
15:36.6 +57 47		43 Mar 28.492	+ 1.2		80	15:40.1 +32 50		26 Mar 23.515	- 8.4	1.4	36
HD 140064		43 May 12.355	- 0.2		80	HD 140716		26 Mar 28.485	- 1.8		36
W 9047		44 May 15.375	+ 3.9		80	9 π CrB		26 Apr 21.495	- 2.8	0.7	36
						W 9080					
15:36.9 +00 46		28 Jun 15.260	- 2.3		36	15:40.4 +05 45		12 Apr 1.479	- 4.8	5.8	
HD 140122		28 Jul 10.180	+ 16.6		36	HD 140775		12 Jun 2.317	- 6.6	2.7	
ADS 9747AB		28 Jul 11.173	+ 4.2	2.5	36	W 9088		12 Jun 10.259	- 7.7	1.5	
W 9062		36 Jul 6.191	- 14.0		38						
		39 Jun 6.286	+ 8.8		36	15:40.9 -01 30		11 Apr 11.491	- 62.6	5.9	
15:37.1 +13 10		11 Feb 17.521	+ 3.2	0.2		HD 140873		11 Apr 13.400	- 28.4	7.2	
HD 140160		11 Apr 10.366	+ 6.2	6.3		25 Ser		11 May 18.302	- 26.2		
20 χ Ser		11 Jun 16.174	+ 10.8	2.8		W 9091					
W 9061		12 Jun 25.325	+ 5.6	2.4							
15:37.4 +69 36		40 Jun 20.244	- 28.0		36	15:41.0 -37 36		25 Mar 15.525	- 3.4		76
HD 140227		42 Jun 23.219	- 23.2	0.5	36	HD 140901		25 May 4.401	- 5.8	4.0	37
W 9045		46 Apr 22.355	- 39.5	2.6	36	W 9097		25 May 31.317	- 1.2		76
		50 May 7.432	- 38.3		80						
15:37.7 -10 36		10 Apr 23.383	-169.9	4.2		15:41.6 +15 44		12 Jun 8.293	- 12.7	4.4	
HD 140283		10 May 14.270	-176.6	4.1		HD 141003		12 Jun 28.235	- 0.4	0.5	
W 9069		10 May 20.280	-164.7	4.0		28 β Ser		12 Jul 27.237	- 2.1	4.8	
		10 May 21.320	-171.9	1.4		ADS 9778A		12 Aug 28.130	+ 15.5	3.4	
		11 Apr 8.438	-166.0	2.5		W 9094		13 Apr 23.469	+ 3.5	5.5	
		11 Apr 16.439	-168.2	6.6		15:41.6 +15 44		44 Jun 30.261	- 1.1		80
		11 Jun 8.341	-172.0			ADS 9778B		45 May 22.361	+ 6.2	1.3	80
		11 Jul 8.216	-175.1	1.6		W 9095		50 Mar 5.472	- 5.4		80
		33 Jul 7.194	-167.0		65			50 Apr 21.466	+ 11.5	5.2	80
		33 Jul 8.176	-184.6		65	15:41.8 +53 17		20 May 1.484	- 32.3	6.3	80
15:37.8 +38 53		See ApJ 96, 344, 1942				HD 141039		20 May 26.429	- 35.5		36
HD 140297						W 9089		20 Jun 2.363	- 36.5		36
RR CrB						15:43.1 +38 38		See ApJ 96, 344, 1942			
W 9064						HD 141265					
15:37.8 -14 43		29 May 3.387	+ 22.6		36	Y CrB					
HD 140301		29 May 30.329	+ 25.0	1.0	36	W 9099					
W 9070		33 Apr 14.448	+ 19.2	0.7	36	15:43.1 +01 53		41 May 5.365	- 22.7		36
15:38.5 +26 37		12 Jan 30.525	- 4.2	8.0		HD 141272		42 May 2.376	- 30.0		36
HD 140436		12 May 1.453	- 10.6	5.3		W 9105		42 Jun 27.194	- 31.0		36
8 γ CrB		12 May 31.385	- 1.4	8.1		15:43.6 +14 06		35 May 11.372	- 49.0		38
ADS 9757A		12 Jun 26.348	- 15.2	2.2		HD 141353		37 Mar 31.475	- 49.4		38
W 9071		13 May 22.341	- 22.4	4.8		W 9107		37 Jun 28.223	- 53.7		38
		13 Aug 18.140	+ 0.6	6.3		15:44.2 +55 47		35 Apr 20.363	+ 0.8		27
15:39.1 +02 50		28 May 14.360	+ 13.2	1.7	36	HD 141472		42 Apr 22.440	- 0.2		36
HD 140538		28 May 28.330	+ 19.6	1.0	36	W 9103		42 Jul 4.218	- 3.9		36
23 ψ Ser		29 Apr 21.402	+ 21.5		36	15:44.4 +28 28		22 Feb 6.505	+ 15.1	0.8	36
ADS 9763A		31 May 27.330	+ 21.3		36	HD 141527		22 Mar 9.474	+ 18.0	0.1	36
W 9078						R CrB		22 May 6.415	+ 19.2		36
15:39.3 +06 44		16 Mar 21.519	+ 5.1	1.2		W 9116		22 Jul 6.247	+ 17.4		36
HD 140573		17 Apr 4.514	+ 3.2	0.3				23 May 25.384	+ 27.1		81
24 α Ser		17 Jun 9.344	+ 8.8	1.3		15:44.4 -03 07		23 Jun 23.254	+ 28.8		37
ADS 9765A						HD 141513		12 May 2.373	- 2.7	0.8	
W 9079						32 μ Ser		12 Jun 8.279	- 14.2	1.6	
15:39.4 +60 18		48 Mar 23.507	+ 30.7		80	W 9118		12 Jun 28.246	- 11.1	2.1	
HD 140590		48 Apr 18.438	+ 37.5		80			13 May 22.374	- 13.8	0.9	
ADS 9756AB		48 Jun 17.214	+ 28.2	1.2	80			13 Jul 18.213	- 3.2	1.3	
W 9068											

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e. ($\frac{\text{\AA}}{\text{mm}}$)	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e. ($\frac{\text{\AA}}{\text{mm}}$)	D ($\frac{\text{\AA}}{\text{mm}}$)
15:45.1 +80 18		21 Sep 23.137	- 27.4	+ 4.4	36	15:48.5 +13 31		10 May 16.291	+ 42.6	+ 2.6	50
HD 141652		21 Oct 16.122	- 34.8	13.5	36	HD 142267		10 Jun 21.235	+ 38.5	7.1	50
ADS 9769AB		22 Apr 11.316	- 30.9		36	39 Ser		10 Jun 23.296	+ 39.4	7.3	50
W 9083		22 Aug 31.140	- 37.1		36	W 9151		11 May 16.244	+ 36.2	2.8	
								11 Jul 13.192	+ 40.8	0.8	
15:45.1 +62 55		12 Jan 26.488	- 10.4	4.9				12 Apr 26.402	+ 39.0	2.0	
HD 141653		12 Jun 1.383	+ 0.3	5.5		15:48.6 +53 13		46 Jul 11.209	- 14.7		36
W 9108		12 Jun 27.329	- 3.7	3.2		HD 142282		47 Jun 2.356	- 7.8		36
		13 Apr 23.422	+ 3.8	3.8		ADS 9816A					
		13 May 20.375	- 12.0	0.6		W 9140					
		13 Jun 15.375	+ 6.1	2.1							
		13 Aug 22.184	- 14.3	2.4		15:48.6 +53 13		47 May 1.361	- 15.9		80
15:45.2 +55 41		13 May 24.372	- 5.9	0.9		ADS 9816B		48 Jun 14.267	- 6.4		80
HD 141675		13 May 25.350	- 1.3	0.7		W 9141		49 Jul 4.268	- 26.8	1.4	80
ADS 9793A		13 Jun 18.364	- 2.4	2.1							
W 9113		13 Jul 16.280	+ 2.0	2.0		15:48.8 +13 16		48 Sep 26.154	- 74.2		110
15:45.2 +02 30		19 Jul 9.208	- 9.3	0.9	36	AN Ser					
HD 141680		21 Feb 25.556	- 1.5	1.6	36	W 9157					
34 w Ser		21 Feb 27.551	+ 4.9	1.9	36	15:49.1 +16 23		42 May 27.314	- 2.3		36
W 9126		22 Jul 16.216	- 2.9	2.7	36	HD 142357		42 Jul 1.233	- 1.9		36
		23 May 3.390	- 3.8	0.1	36	ADS 9828A		47 Feb 11.518	- 3.5		36
15:45.3 +25 46		46 Jun 20.220	- 46.3		80	W 9158					
HD 141690		48 Jun 21.292	- 53.9		80	15:49.2 -19 06		11 Jun 9.307	+ 6.2	3.1	
ADS 9799A		48 Jun 24.273	+ 1.8	2.5	80	HD 142378		11 Jun 15.293	- 19.0	4.1	
W 9122		49 May 10.351	- 48.9		80	47 Lib		11 Jun 18.234	+ 10.2	4.2	
15:45.3 +25 46		47 May 2.399	- 27.5		80	ADS 9834AB		12 May 5.342	- 32.6	4.3	
ADS 9799B		49 May 11.344	- 37.0	2.3	80	W 9159					
W 9123		50 Apr 4.431	- 34.0		70	15:49.7 +74 43		23 Aug 29.195	- 7.5	1.5	80
		50 May 29.351	- 32.0		80	HD 142474		25 Jun 11.415	- 42.0		80
15:45.8 +04 47		12 May 2.389	- 9.4	0.7		W 9136		26 Apr 27.476	- 23.2		80
HD 141795		12 Jun 8.309	- 14.6	0.0				47 Aug 7.174	- 33.6		80
37 e Ser		12 Jun 28.259	- 11.1	2.6		15:50.0 +56 07		30 May 12.354	- 31.8	1.2	36
W 9131		13 Apr 22.468	- 8.8	0.8		HD 142531		31 Mar 14.529	- 25.8	0.8	36
15:46.0 +39 52		25 Jan 12.561	-113.2		76	W 9156		31 Apr 4.512	- 38.4	0.6	36
HD 141826		25 Mar 13.496	-166.5		37			31 Aug 21.152	- 20.1	2.3	36
V CrB		See also ApJ 111,270, 1950				15:50.1 -37 32		See ApJ 102, 168 1945			
W 9125						HD 142560					
15:46.1 -02 48		12 Jun 9.255	+ 1.8	0.1		RU Lup					
HD 141851		12 Jul 28.161	+ 1.0	3.4		W 9169					
36 Ser		13 May 22.398	- 15.0	3.9		15:50.2 +20 36		15 Jun 20.256	- 58.3	0.9	
W 9134		13 Aug 19.151	- 14.0	5.7		HD 142574		15 Jul 28.220	- 60.2	1.9	
15:46.1 -13 50		17 Apr 6.465	- 31.4			W 9161		15 Aug 20.157	- 64.0	2.8	
HD 141853		17 May 5.383	- 16.9	3.1		15:50.6 -14 06		30 Feb 19.567	- 4.8	6.3	36
W 9135		17 Jun 5.334	- 18.0			HD 142640		30 May 6.419	- 19.0	1.6	36
		17 Jul 11.230	- 23.6			W 9170		32 Mar 25.504	- 6.8	3.5	36
15:46.6 +44 49		28 Jun 15.306	- 26.1	10.7	36			33 Apr 14.486	+ 3.2	0.0	36
HD 141930		28 Jul 10.233	- 14.0	6.0	36	15:50.7 +81 37		41 Jun 16.318	- 16.9		36
ADS 9802AB		28 Jul 11.224	- 0.2	15.2	36	HD 142653		43 Jun 22.226	- 6.4	0.8	36
W 9130		38 Jul 18.188	- 20.8		38	ADS 9798A		43 Aug 10.245	- 66.2	4.8	80
		39 Jun 6.197	- 11.3		36	W 9117		45 May 28.361	- 26.4		80
		41 Jul 7.178	- 4.2		70						
15:47.5 -19 52		11 Mar 17.520	+ 4.8	2.6		15:50.7 -01 52		28 Jun 25.255	- 36.3	1.1	36
HD 142096		11 Jul 5.198	- 32.0	1.9		HD 142661		28 Jul 31.182	- 40.7	2.6	36
45 λ Lib		11 Jul 10.158	- 11.1	2.4		ADS 9842A		29 Mar 18.512	- 42.8	0.5	36
W 9144		12 Jun 24.260	- 8.9			W 9167		30 Mar 12.508	- 38.5		36
15:47.8 +48 47		See ApJ 96, 344, 1942						30 Apr 11.464	- 36.1	3.0	36
HD 142143								30 Jun 9.344	- 36.2	2.6	36
ST Her								37 Mar 20.509	- 40.1	0.5	38
W 9138								40 Aug 2.167	- 31.0	1.4	70
						15:50.7 -01 52		34 Jun 24.247	- 47.1		76
						ADS 9842B		41 Jul 3.249	- 38.4		36
						W 9168		42 Jun 28.238	- 36.9		36
								43 Jul 16.173	- 40.0		36

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)
15:50.8 +08 17 AT Ser W 9166		49 Apr 18.503	- 82.3		110	15:55.9 +04 42 HD 143553 W 9210		25 Jul 13.248 25 Jul 13.312 25 Jul 31.197	- 4.9 - 2.0 - 3.9		36 36 36
15:51.3 +43 26 HD 142780 2 Her W 9163		17 Apr 12.471 17 Jul 10.222 17 Aug 7.217	- 12.3 - 8.5 - 8.5	+ 0.5 0.7 2.0		15:56.2 +50 10 HD 143584 W 9206		36 Mar 11.531 42 Jun 26.232 46 Apr 21.488	+ 1.7 - 2.1 + 6.8		38 108 36
15:51.4 +29 49 HD 142796 ADS 9844A W 9171		47 May 29.205 49 Aug 10.150 49 Jun 12.250 50 Mar 7.476	- 18.1 - 15.0 - 10.4 - 14.3		36 80 36 80	15:56.2 +30 23 HD 143585 W 9209		38 Apr 16.467 39 May 7.419 40 Apr 14.428 40 Apr 19.410 40 May 22.271	+ 3.7 + 2.5 + 1.2 + 10.2 - 1.7	+ 0.4	80 70 70 70 80
15:51.4 -15 44 HD 142804 ADS 9848A W 9180		44 May 14.380 49 Jun 11.264 49 Jul 6.252 50 May 6.340	+ 0.3 - 8.8 - 13.3 - 13.2		36 80 80 80	15:56.2 +29 55 HD 143586 W 9208		28 Jul 15.210 37 Jun 18.262 38 May 13.354 39 May 7.358	- 22.7 - 16.0 - 21.8 - 22.4	0.9	37 80 63 70
15:52.1 +38 14 HD 142908 12 λ CrB W 9177		34 May 31.308 42 Jun 26.209 43 Apr 13.443 46 Apr 21.466	- 16.6 - 20.7 - 9.1 - 8.5		36 108 36 36	15:56.7 +65 41 HD 143665 W 9201		40 Jun 21.292 43 Jun 20.267 43 Jul 9.309 44 Jul 1.248	- 21.0 + 10.7 - 1.5 - 18.7		70 36 80 80
15:52.6 +14 42 HD 142980 ϕ Ser W 9184		24 Mar 20.489 24 Mar 25.488 24 May 13.369	- 67.7 - 67.1 - 64.6	2.1 1.0 0.3	36 36 36	15:56.7 +18 06 HD 143666 5 Her W 9212		19 May 19.352 19 May 19.378 19 Aug 12.182	- 16.8 - 16.5 - 17.4		36 36 36
15:52.8 -17 28 HD 143016 W 9187		43 Apr 23.441 43 Jun 21.252 44 May 4.330 45 Mar 9.522	+ 13.1 + 21.3 + 7.8 + 22.0		80 36 80 80	15:57.2 +33 37 HD 143761 15 ρ CrB W 9214		10 Jun 24.277 11 Apr 10.409 11 Apr 18.429 12 Jun 28.285	+ 20.2 + 23.5 + 21.9 + 16.8	2.7 0.5 0.0	50
15:53.8 +83 15 HD 143173 W 9133		33 May 15.381 47 Jun 30.271 47 Jul 4.220	- 5.7 - 7.8 - 12.0		36 80 80	15:57.3 -25 36 HD 143787 W 9221		25 Mar 4.559 26 Jun 3.330 27 Apr 13.436	- 35.5 - 38.6 - 38.6	2.1 2.1 1.5	36 36 36
15:54.5 +28 01 HD 143291 W 9194		16 Apr 18.483 16 May 15.391 16 Jun 14.312	- 69.3 - 71.5 - 74.4	1.1 0.9		15:57.4 +75 52 HD 143803 W 9193		31 May 30.350 31 Jul 30.180 32 Mar 17.510	- 17.4 - 18.0 - 20.1	0.0 3.0	36 36 36
15:54.5 -29 38 U Lup W 9205		See ApJ 115, 25, 1952				15:57.4 +30 07 HD 143807 14 ι CrB W 9215		14 Mar 18.505 14 May 14.272 22 Feb 18.494	- 28.4 - 21.0 - 22.6	2.7 2.1	36
15:54.7 -16 14 HD 143333 49 Lib W 9204		15 Jun 2.300 15 Aug 29.152 16 Mar 22.498 17 Apr 2.502 17 Apr 8.479 17 Jun 9.326 18 Mar 29.485 18 May 2.397 20 Aug 3.155 21 Apr 20.444 21 Aug 12.154	- 31.2 - 36.0 - 32.9 - 21.2 - 23.0 - 20.9 - 20.8 - 23.8 - 11.2 - 24.9 - 29.0	1.0 1.7 1.8 2.1 2.4 0.9 2.2 1.0 2.9 8.0 1.1	36 36 36 36 36 36 36 36 36 36	15:57.5 +47 12 AR Her W 9213		31 Aug 2.233 33 May 16.240	-333.2 -307.7		124 124
15:55.0 +29 44 HD 143393 W 9198		23 Jun 1.360 23 Jun 3.355 23 Jul 4.203 23 Aug 2.152	+ 18.1 + 17.2 + 16.6 + 21.6	1.3 1.3 0.3 0.1	36 36 36 36	15:58.8 +30 27 HD 144044 W 9224		37 Jul 27.193 38 Apr 17.491 39 May 9.395 39 Jun 9.307 40 May 26.354	- 2.2 + 0.1 + 5.2 + 6.2 + 6.2		80 80 70 36 80
15:55.2 +36 55 HD 143435 W 9199		25 Apr 10.455 25 Jun 15.263 25 Jun 15.297 25 Sep 27.128	+ 14.1 + 10.8 + 13.0 + 7.3		36 36 36 36	15:58.8 +00 52 AV Ser W 9232		49 Apr 19.396	- 52.0		110
15:55.3 -08 07 HD 143459 50 Lib W 9207		11 Mar 24.481 11 Apr 7.433 11 Apr 11.445 12 Jun 8.346	- 17.4 - 14.8 - 19.5 - 19.0	2.0 10.1 5.0 4.3		15:58.9 +71 12 HD 144061 ADS 9878A W 9211		35 Apr 19.351 42 Jun 5.294 42 Jul 22.192	- 6.0 - 11.3 - 11.9		38 36 36
						15:58.9 +29 14 HD 144063 W 9226		39 May 8.399 40 Apr 14.491 40 Apr 19.474 40 May 17.380	- 17.4 - 1.0 - 2.4 - 4.5	2.0	70 70 70 70

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e. (mm)	D (mm)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e. (mm)	D (mm)
15:58.9 -11 06		19 Jun 9.266	- 37.2	± 3.6	36			36 Apr 2.481	- 61.3	± 0.7	36
ADS 9909C		19 Jul 4.194	- 26.4	2.5	36			37 Mar 21.493	- 60.6	0.6	38
W 9239		21 Mar 21.465	- 32.5		36			38 Apr 21.345	- 62.8	1.0	38
		21 Apr 19.474	- 38.2	0.8	36			39 Jun 7.212	- 57.5	0.3	36
								39 Jul 5.167	- 58.9	0.1	36
15:59.0 -11 11		22 Apr 7.498	- 31.0	2.5	36			46 Apr 18.363	- 57.2		10
HD 144087		24 May 14.385	- 36.9	0.1	36						
ADS 9910A		24 Jun 13.316	- 32.0	2.7	36	16:02.0 -26 03		14 May 12.351	- 22.4	2.9	
W 9240						HD 144690		14 Jun 13.255	- 24.9	1.9	
						W 9271		15 Mar 6.554	- 18.8	3.0	
15:59.6 +53 12		27 Apr 24.413	- 6.4	0.0	36	16:02.1 -12 28		11 Apr 14.432	- 18.2	5.1	
HD 144204		27 May 9.406	- 3.2	1.0	36	HD 144708		11 Jul 5.240	- 30.2	3.4	
W 9225		27 Jun 9.335	- 8.2	0.7	36	11 Sco		11 Jul 10.202	- 5.8	1.8	
		31 Mar 31.521	- 5.8		36	ADS 9924A		11 Jul 11.228	- 49.8	4.4	
		31 Apr 7.476	- 8.4		36	W 9269		12 Jul 31.168	- 7.9	10.0	
		32 May 26.308	- 6.0	0.5	36						
15:59.6 +47 31		See ApJ 96, 344, 1942				16:02.4 +08 38		43 Aug 10.229	- 69.1		110
HD 144205						Luyten		43 Sep 12.177	- 60.0		110
X Her						1130-30		44 May 14.444	- 33.2		110
W 9228						W 9262		44 May 30.351	- 55.8		110
								44 Jun 30.233	- 36.5		110
15:59.6 +36 55		25 Aug 30.138	- 5.5	1.0	36	16:02.9 +70 23		15 Jun 26.255	- 23.2	4.0	
HD 144208		28 Apr 10.404	+ 18.3	1.0	36	BD+70°861		15 Jul 27.216	- 10.2	3.6	
W90234		28 May 2.293	- 4.7		36	W 9254		15 Aug 23.201	- 21.8	2.4	
		28 May 27.301	- 18.1	1.0	36			16 Jul 10.301	- 12.8	1.6	
		28 Jun 22.324	+ 6.8		36						
		29 Mar 25.506	- 13.2	1.1	36	16:02.9 +38 55		16 May 18.354	+ 31.6	0.8	
		30 Aug 5.152	+ 21.6	1.2	36	HD 144872		16 Jun 16.354	+ 18.8	1.0	
		34 Mar 27.489	- 4.8		36	W 9267		16 Aug 7.216	+ 24.1	0.5	
15:59.6 -19 32		20 Mar 30.485	- 18.8		36	16:02.9 +34 55		25 Jun 11.385	+ 10.8	0.0	76
HD 144217						BD+35°2774		27 Jul 12.264	+ 13.4	1.1	76
8 β ¹ Sco						W 9268		28 May 1.419	+ 6.4	1.3	76
ADS 9913A											
W 9245						16:03.2 +25 11		See ApJ 75, 127, 1932			
15:59.6 -19 32		20 Mar 9.557	- 8.2		36	HD 144921					
HD 144218		20 Mar 30.464	- 0.6		36	SX Her					
8 β ² Sco		20 May 7.419	- 2.6		36	W 9278					
ADS 9913C											
W 9246						16:03.3 +10 22		32 May 25.294	- 25.2	3.0	36
						HD 144937		33 Jun 3.301	- 10.3	0.5	36
16:00.0 +25 30		16 May 14.365	- 36.1	1.3		W 9282		34 Mar 28.456	- 28.1		36
HD 144287		16 Jul 17.244	- 35.5	1.5				47 Jun 25.220	- 25.5		36
W 9241		16 Jul 18.290	- 36.6	0.1							
16:01.2 +10 57		See ApJ 53, 210, 1921				16:03.6 +29 16		47 May 24.330	- 24.6	1.5	80
HD 144515						HD 144999		48 Mar 27.446	- 19.5	2.0	36
W 9258						ADS 9930A		48 Jun 18.170	- 21.8		36
						W 9280		49 Apr 11.417	- 29.0		36
16:01.5 +50 46		31 May 3.286	- 54.2e		-81	16:03.6 +17 20		18 Mar 31.512	+ 45.4	2.0	36
HD 144578		31 May 4.397	- 52.5e		81	HD 145000		18 Apr 22.424	+ 33.5	0.5	36
RR Her		31 Jul 1.198	- 26.1e		76	ADS 9933B		18 May 26.394	+ 40.9	1.5	36
W 9249		31 Jul 2.189	- 39.0e		37	W 9284		22 Aug 7.159	+ 35.7	2.0	36
		32 Jun 25.231	- 35.4e		76			23 May 3.358	+ 37.2	0.0	36
		33 Mar 4.465	- 45.9e		81						
		34 May 21.470	- 41.1		81	16:03.6 +17 19		17 May 12.439	- 9.1	0.8	
		34 May 24.212	- 51.4e		81	HD 145001		17 May 31.326	- 8.1	1.5	
		35 Apr 21.485	- 52.3e		76	κ Her		19 May 19.418	- 11.1	3.2	36
		35 May 20.327	- 30.8e		108	ADS 9933A		19 Jun 8.227	- 11.7	0.3	36
		35 Jun 20.194	- 60.8e		81	W 9283					
		36 May 2.450	- 43.2e	1.3	76						
		See also ApJ 111, 270, 1950				16:03.6 +08 48		14 Mar 7.499	- 19.5	3.6	
16:01.5 +39 24		10 May 14.333	- 68.6	3.9	50	HD 145002		14 Mar 14.437	- 25.0	1.3	
HD 144579		10 May 20.317	- 41.6	1.1	50	47 Ser		14 Apr 13.416	- 19.4	1.7	
W 9256		10 May 23.424	- 43.6	2.2	50	W 9285					
		10 Jul 15.322	- 59.3		50	16:03.8 +08 54		44 May 31.301	+ 62.2	3.2	80
		12 Apr 26.490	- 60.2	1.5		HD 145050		46 Mar 24.524	+ 50.6		80
		12 May 30.401	- 59.9	3.2		W 9287		46 Jun 12.294	+ 47.6	2.7	80
		12 Aug 5.235	- 58.6	2.8				48 Mar 22.505	+ 51.3		80
		34 Apr 24.407	- 52.6	0.9	36						
		34 May 25.251	- 61.8		36						

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)
16:04.0 +03 43		35 Aug 8.164	+ 9.6		38	16:07.4 +12 10		22 Mar 22.523	+ 6.8	± 1.3	37
HD 145085		36 May 12.373	+ 7.0		38	HD 145730		28 Apr 8.512	- 1.8	5.0	76
W 9288		37 Jun 1.312	+ 12.9		38	ADS 9959A		34 Jul 26.173	+ 0.1		37
						W 9317					
16:04.1 +68 48		37 May 25.431	+ 23.0		80	16:07.5 +14 48		28 Jun 26.266	- 45.5		76
18C2162		41 May 8.442	+ 33.3	± 2.6	80	HD 145743		28 Aug 6.169	- 49.5		76
W 9253		43 Jul 17.245	+ 26.8		36	W 9319		47 Jul 2.261	- 42.1		80
								49 May 8.332	- 50.2		80
16:04.3 +06 41		10 May 16.322	- 33.8	2.1	50	16:07.6 +14 49		25 May 4.491	+ 29.3		37
HD 145148		10 May 23.460	+ 15.5	2.4	50	HD 145772		25 Aug 5.160	+ 36.2		76
W 9292		10 May 29.410	+ 43.0	7.1	50	W 9320		28 Jun 26.193	+ 43.0		76
		10 Jul 13.252	+ 1.8		50			28 Aug 5.174	+ 32.9		76
		11 Apr 19.462	- 1.2	4.6							
		11 May 16.333	- 5.6	2.7							
		11 Jun 11.285	- 0.5	1.7							
		12 Apr 26.415	- 4.5	6.9							
16:04.6 -03 12		19 Aug 17.153	- 38.2	0.1	36	16:07.6 -14 57		20 Jul 3.245	+ 22.5	0.9	81
HD 145206		20 Apr 1.512	- 49.6		36	HD 145777		22 Jul 7.260	+ 10.3	4.0	81
W 9297		20 May 9.394	- 40.8	2.5	36	W 9326					
		21 Apr 25.404	- 50.8	0.3	36	16:07.8 +33 36		35 Apr 20.415	+ 3.9		27
		21 Aug 21.141	- 60.0	0.6	5	HD 145802		35 Jun 19.308	- 3.0		38
		22 Jul 16.241	- 52.3	0.6	36	ADS 9958A		35 Jul 18.229	+ 5.2		38
						W 9316					
16:04.8 +67 03		37 Jul 25.212	- 78.4		80	16:07.8 -21 09		28 Apr 7.480	+ 16.0	2.5	36
18C2165		38 May 10.444	- 84.7		80	HD 145809		28 Jun 7.310	+ 16.2	3.4	36
W 9272		40 May 27.350	- 67.4		80	W 9329		28 Jul 9.212	+ 16.4	3.6	36
16:05.3 +36 45		16 May 13.470	- 19.3	1.2		16:08.3 +05 16		16 Apr 15.457	- 1.8		
HD 145328		16 May 20.405	- 19.9	0.9		HD 145892		16 May 21.426	- 6.2	0.6	
16 τ CrB		16 Jun 22.338	- 21.2	1.0		9 Her		16 Jul 12.240	+ 0.2	1.5	
ADS 9939A						W 9330					
W 9295											
16:06.1 -27 40		16 May 13.388	+ 34.8			16:08.3 -11 35		14 Jun 4.289	- 23.2	2.0	
HD 145482		23 Jul 29.158	+ 9.2		36	HD 145897		14 Jul 1.222	- 23.3	1.0	
13 Sco		23 Jul 29.161	- 14.5		36	17 χ Sco		14 Jul 13.244	- 31.4	1.5	
W 9309						W 9337					
16:06.6 -09 48		11 Apr 13.468	- 0.1	1.7		16:08.5 +42 38		37 Apr 26.419	- 15.8		38
HD 145570		11 May 22.355	- 1.2	5.1		HD 145931		41 Jul 2.235	- 22.1		36
ψ Sco		11 Jun 18.324	- 4.1	3.0		ADS 9962A		42 Jun 23.261	- 22.2		36
W 9310		12 Apr 24.454	- 2.2	0.4		W 9322		46 Apr 21.359	- 18.6		36
16:06.8 -08 17		12 Jun 9.309	- 8.0	4.2		16:08.6 +13 48		20 Apr 5.502	+ 16.5	0.9	36
HD 145607		12 Aug 31.140	- 5.2	4.3		HD 145958		20 Apr 29.384	+ 23.0	0.4	36
16 Sco		13 Apr 25.435	+ 0.5	9.2		ADS 9969A		21 Jun 20.312	+ 16.5	0.3	36
W 9313						W 9334		21 Jul 21.261	+ 11.0	1.3	36
								21 Aug 18.171	+ 22.3	0.4	36
								22 Apr 11.471	+ 22.0		36
16:06.9 +77 04		14 Feb 13.552	- 5.7			16:08.6 +13 48		20 Apr 7.455	+ 15.5		36
HD 145622						ADS 9969B		20 Apr 29.468	+ 22.4	2.7	36
W 9274						W 9335		20 Jun 3.404	+ 26.3		36
16:07.0 +16 56		13 May 26.403	- 16.9	2.1				20 Jun 6.376	+ 21.8		36
HD 145647		13 Jun 16.353	- 14.6	4.0				21 Jul 26.262	+ 19.5		36
W 9308		13 Jul 12.308	- 6.8	2.8		16:08.7 +26 56		46 Jul 13.241	- 5.4		36
		13 Aug 19.206	- 11.4	1.4		HD 145976		48 Apr 17.415	- 6.4		36
						ADS 9966A					
16:07.1 +44 05		24 Jun 13.404	- 4.6	0.4	36	W 9328					
HD 145675		25 Jun 13.322	- 2.4		36						
W 9305		25 Jun 27.398	- 7.9		36						
16:07.3 +23 45		14 Apr 13.458	- 23.4	1.2		16:08.8 +66 06		23 Jul 22.311	- 23.3		80
HD 145713		14 May 3.443	- 23.8	2.6		HD 145991		24 Aug 11.280	- 28.4	0.6	36
10 Her		14 Jul 11.242	- 24.9	0.5		W 9311		25 Jun 10.415	- 41.9	1.6	80
W 9314								49 Mar 6.498	- 26.6		80
16:07.3 +05 46		37 May 21.375	+ 12.3		124	16:09.0 +32 52		15 Jun 22.310	- 6.5	1.9	
Luyten		43 Sep. 10.179	- 10.4		110	HD 146025		15 Jul 22.266	- 7.5	2.6	
1130-91		44 May 13.375	- 20.4		110	W 9332		15 Aug 20.206	- 5.9	1.1	
W 9318		44 May 28.392	- 17.6		110						

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)
16:09.1 -03 26		14 Apr 14.397	- 16.8	$\pm$ 2.0		16:11.4 +32 25		15 Jun 28.217	-164.6	$\pm$ 1.7	
HD 146051		14 May 4.364	- 18.7			HD 146470		15 Jul 21.288	-162.7	0.8	
1 δ Oph		14 Jul 1.208	- 20.2	3.5		W 9358		15 Aug 25.193	-165.6	0.8	
W 9340		23 Jun 24.309	- 23.4		37						
		23 Jun 27.243	- 16.6		37	16:11.6 -03 42		34 Jun 28.274	- 11.3		36
		33 Jul 13.208	- 22.2		3	HD 146514		37 Apr 29.435	- 3.6		38
		44 Jul 11.178	- 19.2		10	W 9369		42 Jul 30.161	- 4.2		36
		44 Aug 3.147	- 18.9		10						
16:09.4 +39 36		37 Jun 29.271	- 50.5		38	16:11.7 -15 05		25 Jul 12.178	- 6.6	2.3	36
HD 146100		37 Jul 25.184	- 47.5		80	HD 146543		26 Jul 1.187	+ 4.8	16.7	36
ADS 9970AB		37 Aug 17.142	- 56.2		80	W 9370		28 Apr 16.442	+ 25.2		36
W 9336		40 Mar 23.526	- 57.5		80			34 Jul 29.209	- 17.2	1.5	36
								45 Apr 25.394	+ 21.8	14.6	80
16:09.8 +08 06		28 Apr 8.439	- 20.6	0.9	36	16:12.0 +23 22		28 Apr 10.472	+ 19.2	1.3	36
HD 146169		28 Jul 23.220	- 17.2	5.1	36	HD 146604		28 Jun 27.270	+ 10.9	0.3	36
W 9346		30 May 14.391	- 22.6	5.0	36	W 9367		28 Jul 24.209	+ 4.6	1.2	36
								30 Apr 12.483	+ 6.8	1.0	36
16:10.1 -08 06		14 May 16.341	+ 11.3					30 Jun 10.388	+ 16.4	1.2	36
HD 146233		14 Jun 5.319	+ 9.1					32 Apr 24.461	+ 11.5		36
18 Sco		14 Jul 6.220	+ 13.1	1.9							
W 9353		16 May 22.415	+ 8.6	3.2		16:12.5 +19 06		15 May 28.347	+ 8.4	4.3	
		17 Mar 4.536	+ 8.4	1.6		HD 146698		15 Jun 30.215	+ 9.8	3.1	
						W 9375		22 Aug 3.223	+ 12.1	4.1	36
16:10.2 -14 36		25 Jul 12.218	+ 6.4	2.8	36			23 May 25.362	+ 9.1	1.1	36
HD 146254		27 Jul 17.196	- 7.6		36						
W 9355		28 Jul 12.161	- 15.2		36	16:12.7 +29 23		12 Jul 1.347	+ 9.6	0.2	
		34 Jun 24.254	- 12.2		36	HD 146738		12 Aug 22.157	+ 2.4	4.1	
		34 Aug 24.135	- 14.8	1.1	36	18 ν CrB		12 Aug 28.163	+ 5.7	0.1	
						ADS 9990A					
16:10.3 +44 43		44 Aug 6.161	- 10.6		108	W 9376					
BD+44°2555		44 Aug 7.162	- 50.9		108						
W 9343		48 Mar 2.494	+ 14.7		108	16:13.0 -04 27		17 Apr 4.526	- 12.2	0.2	
		48 Mar 26.521	- 15.3		110	HD 146791		18 Mar 30.487	- 10.2	0.6	36
						ϵ Oph		19 Aug 10.185	- 11.3		36
16:10.9 +34 07		14 Jun 11.425	- 10.5	0.4		W 9383					
HD 146361		14 Jul 7.329	+ 37.4	4.5 ₁							
σ CrB			- 77.2	3.4 ₁		16:13.2 +38 52		15 May 30.372	- 29.3	1.4	
ADS 9979A		14 Aug 11.237	- 77.0	2.8 ₁		HD 146828		15 Jul 20.278	- 33.2	2.2	
W 9351			+ 60.9	6.5 ₁		W 9377		15 Aug 19.177	- 38.4	1.1	
		14 Sep 10.161	- 10.8	1.1							
						16:13.2 -19 59		16 May 13.353	+ 15.6	0.6	
16:10.9 +34 07		14 Jun 11.354	- 16.1			HD 146834		20 May 12.350	+ 2.2	1.3	36
HD 146362		14 Jul 7.301	- 19.5			W 9389		20 Jun 5.332	+ 13.9	3.0	36
ADS 9979B		14 Aug 11.188	- 17.2					20 Aug 3.190	+ 8.9	4.0	36
W 9352		14 Sep 10.138	- 19.7					21 Jul 26.165	+ 8.4	2.6	36
								21 Aug 22.141	+ 0.8	1.8	36
16:11.0 +19 03		28 Apr 8.503	- 24.6	0.4	36			23 Jun 25.258	+ 7.8	2.5	36
HD 146388		28 May 2.396	- 15.1	2.5	36			24 Jun 15.328	+ 10.6	2.3	36
16 Her		28 Jun 22.361	- 6.9	3.7	36						
W 9356		29 Apr 21.434	- 14.4	1.4	36	16:13.3 -14 38		24 Jul 11.227	- 50.6	1.7	36
		30 Jun 10.338	- 22.4	3.0	36	HD 146850		24 Aug 18.172	- 50.2	2.6	36
		32 May 25.318	- 15.2	0.0	36	W 9388		25 May 3.452	- 24.2	1.0	36
16:11.1 +07 37		23 Mar 27.506	+ 13.2	1.0	37	16:13.7 +76 08		11 Apr 20.457	- 10.6	8.3	
HD 146413		23 Mar 28.506	+ 13.4	1.0	37	HD 146926		11 May 12.308	+ 2.9	4.8	
ADS 9982AB		23 Apr 25.405	- 1.5	1.7	37	19 UMi		11 Jul 7.345	- 16.5	3.7	
W 9359		23 Jun 29.350	+ 20.8	5.5	37	W 9344		12 May 31.437	+ 13.0	2.9	
		25 May 5.470	- 4.4	3.0	76			12 Aug 1.226	- 1.5	6.4	
		37 Apr 24.304	+ 6.1		108			13 May 25.406	+ 4.8	5.5	
		37 May 17.380	- 1.3		80			13 Sep 1.231	- 4.3	11.5	
		38 Jul 11.240	+ 6.0		36						
						16:14.0 +74 54		25 Jun 10.304	- 31.6	3.5	80
16:11.2 -19 51		32 Jul 18.197	- 35.0	1.7	36	BD+75°585		27 Jul 18.235	- 31.6		80
HD 146436		33 Jun 9.311	- 33.7	2.4	36	W 9347		34 May 31.427	- 30.2		80
W 9365		33 Aug 10.161	- 29.8		36			45 May 4.453	- 27.0		80
16:11.3 +11 40		23 May 28.446	- 25.0	0.8	37	16:14.0 +66 38		15 May 24.444	+ 17.5	7.1	
HD 146452		34 Jun 2.351	- 17.1	0.9	36	HD 146969		15 Jun 27.383	+ 11.5	1.7	
W 9361		34 Jun 22.323	- 30.5		36	W 9368		15 Jul 19.270	+ 6.0	3.7	
		41 Jul 7.229	- 29.2		70						
						16:14.2 -19 48		20 Jul 23.179	+ 22.6	3.9	37
						HD 147009		21 Mar 1.497	- 26.8		37
						W 9395		21 May 29.304	- 8.6		37

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)
16:14.2 -19 49		20 May 12.297	- 8.2	± 3.8	36	16:18.2 +67 30		41 Jul 4.210	+ 4.4		80
HD 147010		21 Apr 29.359	- 14.7		36	HD 147676		43 Jun 10.318	+ 8.4		80
W 9396		21 Jul 22.161	- 3.5		37	W 9408		43 Jul 11.258	+ 10.1		80
16:14.3 +26 08		25 Apr 2.520	- 7.2	0.8	36	16:18.5 +14 03		34 Jul 5.249	- 46.6		36
HD 147025		25 Jun 14.334	- 12.0	1.0	36	HD 147735		35 Jul 9.214	- 31.0	± 0.7	38
W 9390		25 Jun 14.413	- 13.3	0.7	36	ADS 10030A		38 Jul 17.206	- 49.0		38
		25 Aug 4.169	- 10.0		36	W 9428		47 Jul 2.302	- 41.3		80
16:14.7 -19 53		20 May 12.419	+ 25.4		36	16:18.5 +14 03		46 Jun 20.285	- 39.0		80
HD 147103		21 Apr 29.406	- 2.8		36	ADS 10030B		49 Jul 7.256	- 49.8	1.0	80
ADS 10005A		21 Jul 22.175	+ 31.3		37	W 9429		49 Aug 11.178	- 40.5		80
W 9398		50 Jun 30.174	+ 12.8		80						
16:14.7 -19 53		20 Jun 25.238	+ 3.0	0.1	37	16:18.6 +34 02		12 Aug 21.152	- 13.2	0.7	
HD 147104		21 Mar 1.546	+ 31.2		37	HD 147749		17 Jun 9.389	- 8.6		
ADS 10005B		21 Jun 29.172	+ 1.7		81	20 γ CrB		17 Jun 11.320	- 3.5		
W 9399		21 Jun 30.174	- 13.3		37	W 9423					
		50 Jun 30.194	- 11.6		80	16:18.7 +33 56		12 Aug 21.193	- 37.4	0.9	
16:14.9 +55 32		44 Jul 7.210	- 18.1		108	HD 147767		17 Jun 9.409	- 35.1		
BD+55°1823		44 Jul 8.226	- 22.1		108	W 9424		17 Jun 11.357	- 36.6		
W 9386		44 Jul 27.219	- 27.5		80	16:18.7 -13 25		43 Apr 18.450	+ 11.9		80
16:15.0 +75 27		16 Jul 15.248	- 23.6	0.6		HD 14776		43 May 17.361	+ 12.3		80
HD 147142		17 Jun 6.334	- 26.4	0.3		W 9436		43 Jul 18.185	+ 6.3		36
20 UMi		17 Jul 1.320	- 20.6			16:19.1 +32 34		13 Jun 19.323	+ 3.4	4.8	
W 9363		24 Jul 11.272	- 23.8	0.0	36	HD 147835		47 Jun 3.397	- 73.6		36
		26 May 19.293	- 30.8		36	ADS 10031A			+ 77.9		
16:15.5 +29 57		31 Feb 29.510	-115.9		108	W 9430		47 Jun 28.288	+ 6.6		36
RV CrB		31 Mar 31.500	- 60.5		124	16:19.2 +32 51		15 May 31.316	- 0.1	2.6	
W 9397		32 May 15.368	-147.9		124	HD 147851		15 Jun 24.305	- 0.7	0.8	
						W 9431		15 Aug 22.174	- 0.4	0.7	
16:15.6 +71 11		42 Jul 23.220	- 16.8		36	16:19.4 -23 14		20 Jul 24.189	- 10.3		36
HD 147231		43 Jun 19.305	- 18.7		36	HD 147888					
W 9378		43 Aug 9.205	- 15.4		80	ADS 10045AB					
16:15.6 +60 00		13 Sep 18.122	- 32.7	2.1		W 9442					
HD 147232		14 Feb 13.529	- 35.0	1.8		16:19.4 -24 14		20 Jun 25.311	+ 7.5	4.1	37
W 9392		14 Mar 11.511	- 34.4	2.2		HD 147889		21 Jun 29.186	- 15.6	5.3	81
		14 May 8.389	- 38.6	1.5		W 9441		21 Jul 22.202	- 33.1	7.2	37
16:15.8 +21 23		35 Jul 11.235	- 28.3		38			39 Aug 9.155	+ 9.7		70
HD 147266		39 Mar 29.528	- 24.2		36			40 Jul 26.192	+ 15.1		80
W 9403		42 Jun 3.329	- 21.4		36	16:19.6 -23 10		20 Aug 5.182	- 24.9		36
16:15.9 -24 46		43 Jul 12.227	- 17.6		80	HD 147932		50 Jun 3.266	- 26.0		80
HD 147284		45 Jul 24.188	- 18.3		80	ADS 10049C		50 Jun 4.276	- 20.5		80
W 9412		47 Apr 8.471	- 30.6	1.6	80	W 9446		50 Jun 30.214	- 5.2		80
		49 May 8.385	- 25.2		80	16:19.6 -23 13		16 May 13.430	- 25.4	11.9	
16:16.5 +67 29		16 Jun 14.412	- 21.0			HD 147933		20 Jun 25.278	+ 5.3		37
HD 147379		16 Jul 19.320	- 9.3	0.9		5 ρ Oph					
W 9393		16 Aug 8.208	- 15.8			ADS 10049A					
						W 9445					
16:16.5 +39 57		32 Jul 17.283	- 17.0	2.2	36	16:20.4 +75 59		19 May 18.458	- 14.4	4.8	36
HD 147365		34 Mar 4.531	- 34.6	4.6	36	HD 148048		19 Jul 16.225	- 4.4	9.4	36
W 9406		34 Mar 27.449	- 28.0		36	W 9413		22 Jun 14.201	- 9.8	1.4	36
		34 May 27.365	- 32.6		36			22 Aug 31.167	- 9.3	3.2	36
16:16.7 +37 11		43 Mar 28.523	- 25.4	1.3	80	16:20.7 +32-43		15 Jun 29.182	- 45.4	1.6	
HD 147395		46 Apr 16.453	- 4.6	0.4	80	HD 148096		15 Aug 24.182	- 42.4	0.6	
W 9409		46 May 20.396	- 9.8		80	W 9447		16 May 11.445	- 46.0		
		48 Apr 18.480	- 18.5		80	16:20.8 +14 16		11 Aug 9.169	- 5.7	2.1	
16:17.5 +19 23		18 Apr 20.492	- 29.7	7.9	36	HD 148112		12 Jan 25.548	- 2.5	0.5	
HD 147547		18 Sep 17.120	- 48.6		70	24 ω Her		12 Jun 9.367	- 0.1	2.3	
20 γ Her		19 Aug 10.194	- 44.2	8.7	36	ADS 10054A					
ADS 10022A						W 9449					
W 9418											

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D (mm)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D (mm)
16:21.0 +17 31		15 Jun 22.384	- 24.4	± 1.7		16:23.4 +21 07		24 Apr 22.495	+ 7.1	± 3.1	37
HD 148147		15 Jul 29.205	- 33.1	1.3		HD 148492		27 Apr 21.479	+ 9.6		37
ADS 10057A		15 Aug 18.193	- 35.8	3.8		ADS 10069A		27 Jul 8.316	+ 8.6		37
W 9451		16 Jul 18.202	- 30.9	4.1		W 9471					
16:21.1 +48 35		34 Apr 25.457	- 37.3		124	16:23.5 +00 52		17 Apr 11.501	+ 12.3	4.1	
20C986		39 May 26.312	- 26.7		124	HD 148513		18 Mar 29.523	+ 4.4	0.7	36
W 9443		43 May 23.333	- 30.0		108	W 9473		18 Jul 23.160	+ 0.3		36
16:21.1 -12 12		See ApJ 11, 270, 1950						19 Jul 13.249	+ 12.7		36
HD 148182								20 Mar 5.554	+ 3.4		36
V Oph								20 Jul 28.198	+ 11.0		36
W 9461						16:23.5 -07 55		46 Jul 13.203	- 1.3		36
16:21.2 -18 14		11 Apr 13.435	+ 11.0	6.5		HD 148515		50 May 6.276	+ 1.5		80
HD 148184		11 Apr 17.434	+ 11.6	13.8		ADS 10072A		50 Jun 1.220	- 1.7		36
7 x Oph		11 May 10.386	+ 9.2			W 9477					
W 9462		11 Jun 18.290	- 12.0	0.3		16:23.5 -07 55		50 May 31.316	+ 8.0		80
16:21.4 -21 53		25 May 4.431	- 20.8	0.7	37	ADS 10072B		50 Jun 2.338	- 3.8		80
HD 148211		25 Jul 1.278	- 20.6		76	W 9478		50 Jun 29.277	- 10.9		80
W 9464		25 Jul 2.233	- 17.4	5.3	76	16:23.6 +03 30		20 Apr 7.502	+ 28.7	0.9	37
16:21.9 +37 37		11 Aug 7.190	+ 13.4	1.9		HD 148530		20 Jul 25.198	+ 12.2	2.4	37
HD 148283		12 Jun 10.321	- 3.6	5.2		W 9476		21 Apr 18.453	+ 25.1	2.6	37
25 Her		12 Jun 29.337	+ 5.2	3.6				21 May 15.470	+ 29.5	3.0	81
W 9457		12 Jul 31.231	- 4.4	5.2				21 Jul 21.299	+ 13.3		37
		12 Aug 28.212	+ 3.6	0.7				21 Aug 24.198	+ 22.9		37
16:22.0 +69 20		30 Apr 19.461	- 3.4		36	16:24.1 -14 20		26 Jul 2.292	- 31.0	0.6	36
HD 148293		30 Jun 8.294	- 7.5		36	HD 148604		26 Aug 1.165	- 31.0		36
W 9438		30 Jul 18.200	- 13.2		36	W 9484		26 Aug 1.183	- 33.6		36
		31 Mar 10.421	- 7.0		36	16:24.1 -24 54		16 May 13.405	- 6.7		
		31 Jun 3.228	- 12.5		36	HD 148605		23 Jul 29.147	- 8.4	10.1	36
		31 Jun 4.288	- 7.7		36	22 Sco		23 Aug 20.143	+ 9.0	0.2	36
16:22.0 +11 13		44 Jul 29.163	- 31.2		80	W 9488					
HD 148296		46 Apr 11.444	- 33.5		80	16:24.5 +18 38		10 Apr 23.420	- 32.2	1.0	50
W 9466		46 Apr 15.421	- 24.6		80	HD 148653		10 Apr 25.405	- 35.0	3.5	50
16:22.3 -07 23		13 Mar 30.529	+ 92.5	2.8		ADS 10075AB		10 Apr 29.422	- 31.4	4.7	50
HD 148349		13 Apr 24.483	+ 97.0	4.6		W 9482		10 May 12.370	- 33.8	5.4	50
W 9469		13 May 14.408	+100.6	3.6				13 Apr 26.503	- 35.3	3.6	
		14 Apr 14.419	+100.0	0.5				13 May 17.445	- 37.9	4.2	
								13 Jul 23.282	- 33.9	1.9	
16:22.5 +61 56		30 May 12.382	- 27.6	2.0	36	16:24.7 +10 49		34 Jul 3.256	- 10.0		36
HD 148374		31 Jul 26.200	- 23.4	2.5	36	HD 148683		35 Jul 10.222	- 11.8		38
ADS 10052AB		33 Jun 2.203	- 21.9	1.1	36	ADS 10077A		37 Jun 1.377	- 23.8	0.2	38
W 9450						W 9486		38 May 9.382	- 18.4		38
16:22.6 +61 44		16 May 12.389	- 17.9	1.3		16:24.7 +10 49		42 May 31.345	- 13.5		36
HD 148387		16 Jun 22.376	- 16.1	0.9		ADS 10077B		42 Jul 6.233	- 3.3		36
14 n Dra		17 Jun 11.297	- 9.6	1.0		W 9487		43 Apr 21.457	+ 6.1	4.8	36
ADS 10058A								43 Aug 11.162	- 9.8		80
W 9453						16:24.7 -12 26		28 Jul 29.222	- 28.6		37
16:23.0 +51 22		10 Jun 21.299	- 25.3	4.3	50	BD-12°4523		34 Aug 27.162	- 21.0		81
HD 148433		10 Jun 29.308	- 26.8	4.6	50	W 9490		46 Jul 22.220	- 6.9		80
W 9463		13 Aug 14.240	- 19.7	1.4		16:24.8 -38 47		25 Aug 2.175	- 56.8	2.9	76
		14 Jun 12.278	- 17.3			HD 148704		26 Apr 23.469	- 58.8		37
		14 Jul 6.284	- 15.4	1.6		W 9497		26 Aug 17.160	- 59.0		76
16:23.3 -26 13		16 Jun 22.276	- 3.8			16:25.4 +42 06		24 May 13.431	+ 4.1	1.1	36
HD 148478		29 Jul 16.200	+ 4.2		36	HD 148783		24 May 23.298	+ 6.9	3.0	36
21 α Sco		29 Jul 18.172	- 5.2		36	30 g Her		24 May 25.366	+ 2.0	0.5	36
ADS 10074A		33 Apr 11.388	- 4.7		3	W 9485					
W 9479		33 Apr 12.426	- 3.6		3	16:25.5 -05 18		55 Aug 14.215	-256.9		110
		33 May 4.395	- 6.8		3	V716 Oph					
		33 May 5.389	- 4.0		3						
		33 Jul 10.194	- 4.2		3						
		35 Apr 19.482	- 1.3	0.5	3						
		35 Aug 22.192	- 6.0	0.3	Ce						
		36 Jul 4.257	- 0.1		3						

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e. ±	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e. ±	D ($\frac{\text{\AA}}{\text{mm}}$)
16:25.9 +02 12 HD 148857 10 λ Oph ADS 10087A W 9502		16 Apr 13.476	- 36.3	± 4.3		16:28.3 +65 00 HD 149222 W 9505		36 Apr 12.486 40 Jun 20.302 42 Jun 22.256	- 37.4 - 32.3 - 32.3		38 36 36
16:25.6 +04 27 HD 148816 W 9492		10 Apr 23.453 10 May 19.307 10 Jul 13.303 10 Jul 15.259 12 Aug 20.156 13 Apr 26.475 13 May 17.406	- 47.8 - 57.2 - 49.9 - 45.1 - 48.7 - 54.4 - 53.4	4.6 4.2 7.8 13.0 1.0 0.6 0.3	50 50 50 50	16:28.8 +45 50 HD 149303 ADS 10105A W 9517		24 May 19.504 26 Jun 24.288 26 Aug 20.166 27 Jun 9.376 28 Apr 6.499 28 Jul 4.258	- 4.0 - 25.6 - 19.2 + 14.3 - 6.9 - 11.0	± 7.1 8.8	36 36 36 36 36 36
16:26.2 +20 42 HD 148897 W 9501		20 Jul 8.252 22 Apr 10.520 22 May 14.453	+ 12.8 + 19.8 + 19.6	0.1 0.8 1.0	36 36 36	16:28.8 +45 50 ADS 10105B W 9518		24 May 19.423 26 Jun 24.374 27 Jul 20.214 28 Apr 6.514	- 19.5 - 19.4 - 10.7 - 19.9		36 36 80 36
16:26.2 +18 35 VX Her W 9504		23 Jun 25.299 23 Jun 26.303 23 Aug 5.211 23 Aug 19.259 24 Aug 15.239	-381.0 -374.3 -389.7 -405.2 -409.5	1.1 2.8 4.0 4.8	81 81 76 81 76	16:29.3 +31 07 HD 149394 ADS 10113A W 9526		47 May 1.493 48 Mar 27.493 48 Jun 18.215	- 17.4 - 9.2 - 12.2	6.6	80 36 36
16:26.6 +12 13 DY Her W 9509		46 May 19.401 46 May 19.441 46 May 19.483	- 81.5 - 31.5 - 50.5		124 124 124	16:29.6 +30 43 HD 149420 ADS 10116A W 9528		23 Apr 9.501 23 Jul 26.234 24 May 17.357	+ 49.9 - 49.2 + 32.8	1.2	36 36 36
16:26.7 +05 39 HD 148980 ADS 10094A W 9512		23 May 28.374 24 May 20.370 25 May 6.413	- 13.2 - 19.4 - 10.7	5.1 0.1 5.7	37 36 36	16:30.7 +09 01 18C2210 W 9540		36 Jun 9.299 37 Aug 18.477 40 Mar 22.494	+ 12.3 + 11.7 + 10.9		80 80 80
16:26.9 +22 25 HD 149009 W 9510		36 Apr 13.410 36 Jun 5.271 42 Apr 22.494 43 Jun 19.255	- 19.4 - 38.6 - 20.8 - 27.3	1.0 1.2	38 38 36 36	16:31.0 +61 02 HD 149650 W 9529		11 Aug 10.195 12 May 27.381 12 Jul 6.338	- 15.9 - 8.7 - 8.8	2.4 6.0 0.4	
16:27.5 +48 09 HD 149105 W 9508		20 Feb 26.489 20 Mar 31.474 20 May 2.404	- 42.3 - 46.4 - 49.7	5.3 0.1	36 36 36	16:31.1 +38 12 HD 149659 TZ Her		25 Jun 7.325 26 Feb 28.519 26 Jun 22.297 26 Jun 23.300 27 May 12.274	- 30.4 - 30.9 - 30.9 - 24.2 - 30.6		76 76 37 37 76
16:27.6 +05 44 HD 149121 28 Her W 9515		11 Aug 11.191 12 Jun 3.391 12 Jul 8.304	- 31.8 - 21.0 - 28.1	0.5 1.2 1.2		16:31.1 -02 06 HD 149661 12 Oph W 9544		15 May 25.315 15 Aug 27.182 16 Mar 22.528	- 9.7 - 19.0 - 14.6	0.2 1.0 1.0	
16:27.8 +33 44 HD 149141 ADS 10100A W 9514		15 May 26.315 21 Jun 22.314 47 Jun 26.244 47 Jul 4.238	- 30.4 - 4.0 - 7.8 - 29.3	1.1 10.5 0.6	36 36 80	16:31.3 +72 30 HD 149683 R UMi		26 Apr 26.481 39 Jul 6.188	- 22.5 - 21.5		80 70
16:27.9 +03 28 HD 149162 W 9520		42 Jun 1.340 43 Apr 13.500 43 Jun 24.309 43 Jul 13.226 44 Apr 15.392	- 52.9 - 39.4 - 76.0 - 74.5 - 46.7		36 110 108 80 108	16:32.1 +31 25 BD+31°2877 W 9562		26 Apr 21.503 28 May 2.409 28 Jun 1.333	- 17.6 - 18.4 - 20.8		76 76 76
16:28.1 +67 16 HD 149198 W 9499		44 Jul 1.298 46 Jul 15.221 47 Jul 1.281 49 May 12.422	- 80.5 - 81.6 - 71.6 - 86.1	0.4 0.3	80 80 80	16:32.4 +38 10 UU Her W 9545		See ApJ 115, 25, 1952			
16:28.2 +68 59 HD 149212 W 9494		12 Jun 1.428 12 Jun 27.370 12 Jul 26.293 12 Sep 2.130 13 May 19.396 13 Jun 15.432 13 Jul 17.410	- 11.9 + 5.0 + 9.8 - 2.6 - 6.8 - 14.4 - 23.8	5.5 4.4 5.1 1.8 4.0 0.1 2.6		16:32.5 +31 09 HD 149890 W 9550		13 Sep 20.151 14 May 11.437 14 Jun 4.338	- 7.7 - 9.6 - 6.8	1.5 1.1	
						16:32.9 +36 14 HD 149956 W 9554		44 Jun 29.272 45 May 24.391 46 Apr 16.481	- 57.2 - 49.4 - 47.8		80 80 80
						16:32.9 +31 18 HD 149957 W 9556		24 Jun 16.388 24 Jul 11.318 24 Jul 12.276	- 7.0 - 6.2 - 5.8	4.1 1.9 1.4	76 76 76
						16:32.9 +31 18 Comp. to HD 149957 W 9557		23 Aug 27.181 24 Jun 12.388 24 Jun 20.321 50 Jun 25.194	- 18.4 - 19.7 - 34.4 - 27.2	13.6 2.3 4.1	76 76 76 80

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e. ($\frac{\text{\AA}}{\text{mm}}$)	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e. ($\frac{\text{\AA}}{\text{mm}}$)	D ($\frac{\text{\AA}}{\text{mm}}$)
16:33.3 +46 49		13 Sep 18.147	- 15.5	$\pm$ 2.8		16:36.0 +49 07		19 May 16.483	- 54.3		36
HD 150030		14 Feb 13.474	- 19.8	1.9		HD 150450		19 Jul 16.261	- 55.2		36
W 9555		14 Apr 9.431	- 15.8	0.7		42 Her		19 Jul 16.290	- 53.2	$\pm$ 1.0	36
16:33.6 +60 40		See ApJ 96, 344, 1942				ADS 10144A					
HD 150077						W 9575					
TX Dra						16:36.0 -19 44		34 Jun 23.284	+ 3.1		36
W 9546						HD 150453		42 May 28.356	+ 5.1		36
16:33.8 +53 06		11 May 12.368	- 2.0	0.4		W 9596		42 Jun 30.259	+ 5.0		36
HD 150100		11 May 20.419	- 13.6	3.7		16:36.4 +41 18		48 Jul 18.281	-301.2		110
16 Dra		11 Jul 7.310	- 7.9	2.2		AF Her					
ADS 10129C		11 Jul 18.243	- 4.2	2.2		W 9579					
W 9559		12 Jul 7.340	- 7.2	1.3		16:37.2 +40 49		55 May 10.468	- 94.7		110
16:33.8 +27 15		43 Mar 25.518	- 3.2	3.4	80	AG Her					
HD 150102		44 Jun 29.239	+ 4.6		80	16:37.5 +31 47		16 May 12.410	- 74.4	0.4	
W 9566		45 Jul 31.168	+ 1.8		80	HD 150680		16 May 20.418	- 65.9	0.6	
16:33.9 +53 08		27 Apr 15.453	- 20.7	2.1	36	40 ϵ Her		16 Jun 22.361	- 67.2	1.0	
HD 150117		28 Jun 22.427	- 10.8	4.0	36	ADS 10157A		18 Jul 19.316	- 68.6		36
17 Dra		32 Jun 26.248	- 17.2	2.9	36	W 9600					
ADS 10129A		34 Aug 20.219	- 11.1	5.5	36	16:37.5 +27 07		See ApJ 64, 184, 1926			
W 9560						HD 150682					
16:33.9 +53 08		27 Apr 15.483	- 19.8	9.1	36	39 Her					
HD 150118		28 Jun 22.405	- 19.4		36	W 9602					
ADS 10129B		32 Jun 26.292	- 15.7	3.1	36	16:37.6 +70 02		40 Jul 2.282	- 1.9	AB	36
W 9561		34 Aug 21.146	- 18.8		36	HD 150693		42 Jun 4.338	+ 4.0	A	36
16:34.3 +51 45		16 Jun 17.367	+ 23.1			ADS 10140		43 Jul 19.185	- 2.8	A	36
BD+51°2121		16 Aug 15.199	+ 25.8	0.5		W 9571					
W 9564		17 Jun 2.392	+ 27.0	2.6		16:37.7 +80 00		37 Feb 28.507	- 2.6	2.0	38
16:34.8 +86 26		See ApJ 81, 479, 1935				HD 150706		39 Apr 9.431	- 16.1		38
HD 150265						W 9549		42 Jun 26.289	- 18.7		36
W UMi								49 May 12.437	- 19.0	2.0	80
W 9427						16:37.7 +60 54		See ApJ 94, 407, 1941			
16:34.9 +77 39		17 Jun 6.382	- 31.0	1.6		HD 150708					
HD 150275		17 Jul 1.366	- 27.8			WW Dra					
W 9537		18 May 1.341	- 33.9	1.5	36	ADS 10152A					
16:35.1 +38 31		23 Jun 25.302	- 17.0	10.6	36	W 9583					
ADS 10138A		24 Jun 15.389	- 12.8	12.2	36	16:37.7 +60 54		See ApJ 94, 407, 1941			
W 9570		31 Jul 2.299	- 27.4	1.3	36	ADS 10152B					
16:35.5 -17 52		33 May 16.321	+ 1.4		36	W 9584					
HD 150365		47 Jun 25.258	- 2.3		36	16:38.5 +66 07		22 Jun 7.422	- 3.4	1.3	80
W 9585		47 Jun 28.245	- 7.5		36	BD+66°969		48 May 26.295	- 36.0		80
16:35.6 +04 24		23 May 29.370	- 28.2	5.1	36	W 9594		48 Jun 26.187	- 47.6		80
HD 150379		23 May 30.325	- 26.9	8.9	36			49 Apr 20.458	- 7.4		80
36 Her		23 Jul 3.283	- 33.6	1.1	36	16:39.1 -23 00		33 May 5.413	- 40.6		36
ADS 10149B		23 Jul 27.159	- 29.7	0.5	36	HD 150937		33 Aug 4.167	- 17.1		36
W 9581						W 9673		34 Apr 20.465	- 49.0		36
16:35.6 -26 55		See ApJ 96, 344, 1942						34 May 20.396	- 37.5		36
HD 150383						16:39.9 -02 54		43 May 14.401	- 12.5		80
AX Sco						HD 151061		44 Jul 29.193	- 7.3		80
W 9591						W 9628		45 May 3.409	- 12.1		80
16:35.8 +49 04		44 Jul 31.170	- 26.8		36	16:40.1 +34 13		43 Mar 29.531	- 12.8		36
HD 150409		46 Aug 9.160	- 29.6		80	HD 151087		42 Jul 24.151	- 5.2		36
W 9573		48 Apr 20.464	- 51.8	1.4	80	W 9621		43 Apr 13.475	- 14.1		36
		49 Jul 4.294	- 37.8		80	16:40.1 +06 17		19 May 11.452	- 3.0	3.4	36
16:35.9 -02 39		36 Apr 11.441	- 40.7		38	HD 151090		19 May 17.410	- 3.2	1.9	36
HD 150433		42 Jul 25.172	- 41.8		36	W 9626		20 Mar 12.506	- 11.3	2.0	36
W 9586		42 Jul 31.171	- 45.2		36			20 Jul 30.216	- 1.8	0.7	36
16:36.0 +56 13		31 Jul 26.178	- 13.1	2.9	36			20 Aug 4.224	- 11.9	1.0	36
HD 150449		33 Jun 2.240	- 25.5		36			20 Aug 6.213	+ 2.9	2.1	36
W 9572		34 May 26.326	- 21.6		36			20 Aug 28.165	- 5.8	1.7	36
								21 Aug 12.201	- 7.2		36

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	σ_D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	σ_D ($\frac{\text{\AA}}{\text{mm}}$)
16:40.1 +06 17		34 Aug 25.193	- 1.7	± 1.8	81	16:42.2 +35 49		47 May 1.436	+ 0.9		80
Comp. to		50 Mar 7.515	- 7.5		80	ADS 10203B		48 Jun 27.251	- 10.6		80
HD 151090		50 Apr 4.509	+ 11.5	4.6	70	W 9648		49 Apr 13.438	+ 1.8		80
W 9627		50 Jun 28.323	- 25.7		80						
16:40.4 +01 12		14 May 12.380	- 5.4	5.3		16:42.3 -25 20		38 May 15.307	- 20.6		63
HD 151133		14 Jul 5.234	- 18.1	4.2		BD+45°2449		38 Jun 8.316	- 22.3		63
16 Oph		15 Mar 6.524	- 6.6	1.0		W 9646		39 Jun 2.318	- 32.4		70
W 9631								41 Jun 2.285	- 31.3		36
16:40.7 -25 21		28 May 4.417	+ 14.9	1.0	36	16:42.5 +34 01		23 Jun 30.221	- 65.2		37
HD 151179		28 Jun 26.295	+ 8.2		36	Companion					
W 9644		30 Apr 18.488	- 7.4	6.7	36	2'N of					
		30 Aug 6.181	+ 0.8	2.5	36	HD 151482					
		34 Apr 26.470	- 2.7		36						
16:40.8 +55 05		See ApJ 96, 344, 1942				16:42.5 +33 59		20 Mar 12.530	- 11.3		37
HD 151187						HD 151482		20 May 30.344	+ 8.7		37
S Dra						W 9649		20 Jun 29.203	+ 12.8		37
W 9618								20 Aug 2.193	- 4.4		37
								23 May 2.472	- 3.5	± 4.2	37
								23 Jun 30.317	+ 1.0		37
16:40.8 +43 41		22 Mar 7.522	- 7.2	0.7	37	16:42.5 +22 51		46 Apr 13.464	- 63.0		80
HD 151188		22 Jun 4.392	- 5.8	0.9	36	HD 151481		46 Jun 14.329	- 64.3		80
ADS 10188AB		22 Jul 10.309	- 6.8	4.0	36	W 9616		48 Jun 13.275	- 57.0		80
W 9625											
16:40.9 +55 53		23 May 29.318	- 50.7	4.6	36	16:42.9 +68 17		10 Jun 25.339	- 14.4		50
HD 151199		23 Jun 26.201	- 35.9	1.0	36	HD 151541		10 Jun 29.380	+ 12.0	0.2	50
W 9620		23 Jul 5.226	- 35.0	1.6	36	W 9629		13 Jul 24.299	+ 6.6	1.7	
		24 Jun 14.406	- 50.3	2.0	36			13 Aug 13.245	+ 3.0	0.8	
		24 Aug 15.153	- 39.9	8.4	36			13 Sep 14.215	+ 11.0	1.2	
16:40.9 +15 56		16 May 20.367	- 15.0	0.9		16:43.5 +79 06		39 Apr 9.488	- 16.6		38
HD 151203		16 Jul 13.267	- 16.9	1.1		HD 151623		42 Aug 25.156	- 17.6		36
W 9635		16 Aug 16.172	- 21.3	1.1		W 9612		46 Apr 22.401	- 20.5		36
16:41.0 +33 30		20 Aug 3.218	- 21.8	1.1	37	16:43.6 -21 41		44 Jun 13.288	-101.2		80
HD 151216		21 Apr 19.476	- 15.2	0.3	37	HD 151658		45 Apr 27.411	-104.8	1.2	80
W 9630		21 Jun 23.333	- 6.2	0.9	37	W 9667		45 Jun 17.288	- 90.8	0.5	80
		21 Aug 18.234	- 19.5	0.3	37			49 Jul 6.253	-109.2	1.8	80
		25 May 2.443	- 12.2		76	16:43.9 +78 02		42 Jul 24.228	- 61.3		36
16:41.0 +08 46		18 Sep 17.136	- 17.2	5.7	70	HD 151698		43 Jun 22.299	- 61.6		36
HD 151217		18 Sep 21.142	- 30.4	3.7	70	W 9615		45 May 24.360	- 51.6	1.1	80
43 Her		19 Aug 13.184	- 21.8	0.1	80			49 May 12.459	- 62.3		80
W 9641		21 Apr 25.485	- 17.3		36	16:44.6 +03 48		See ApJ 115, 25, 1952			
16:41.1 +28 32		46 Jul 12.229	- 40.6	1.8	36	TT Oph					
HD 151237		48 Apr 17.457	- 45.7		36	W 9672					
ADS 10194A		49 Jul 8.284	- 57.8	1.9	80						
W 9634		49 Aug 10.163	- 50.7		80	16:44.8 +55 36		27 Apr 24.478	- 11.2		36
						HD 151837		27 May 11.384	- 3.3		36
16:41.4 +33 40		20 Mar 12.451	- 33.4		37	W 9663		27 May 12.426	- 6.7		36
HD 151288		20 Apr 28.444	- 30.5		37			28 Jun 5.324	- 8.6		36
W 9637		20 May 28.425	- 26.0		37			32 May 26.375	- 5.1	0.4	36
16:41.9 +30 11		30 Aug 19.162	+ 7.5		76	16:45.1 +37 12		40 Mar 15.503	+ 1.2		36
HD 151367		48 Apr 19.469	+ 2.2		80	HD 151877		43 Apr 22.482	+ 3.7		36
ADS 10201A		49 May 10.393	+ 12.2		80	W 9668		44 May 30.340	+ 4.9		80
W 9643								44 Sep 6.138	+ 6.1		80
16:42.0 +43 24		35 Apr 19.499	- 15.2		38	16:45.1 -16 23		31 May 31.366	+ 2.6	0.8	36
HD 151388		36 Jun 29.273	- 22.0		38	HD 151884		47 Jun 27.245	- 8.0	5.6	36
W 9642		46 Apr 21.406	- 13.4		36	W 9679		47 Aug 5.156	- 13.5		80
								47 Aug 11.149	- 33.7	12.3	80
16:42.1 -24 21		26 Aug 3.202	- 70.5	8.5	36	16:45.4 +30 08		24 May 16.330	- 51.0	1.7	36
HD 151415		28 Jul 6.244	- 77.6	3.1	37	HD 151937		24 Jun 14.366	- 40.0	0.4	36
W 9656		34 Apr 29.406	- 72.2		36	W 9674		25 Jul 31.239	- 40.4	1.2	36
								25 Sep 2.157	- 39.3		36
16:42.2 +35 49		46 Jul 11.252	- 3.1		36	16:45.9 +45 23		23 May 30.343	- 10.8	0.1	37
HD 151428		48 Jun 27.298	- 6.0		80	HD 152030		23 Jul 5.196	+ 0.8	1.0	37
ADS 10203A		48 Jun 28.196	- 2.6		80	W 9675		27 Jun 18.289	- 10.7		37
W 9647								34 May 21.482	- 6.1		80

TABLE 2—Continued

[illegible]

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e. ±	D (mm)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e. ±	D (mm)
16:52.6 +75 32		15 Jun 21.362	- 39.8	± 2.1		16:55.9 +27 29		44 Jun 28.265	- 22.4		80
HD 153143		15 Jul 24.286	- 23.2	3.2		HD 153698		46 Apr 15.457	- 26.5		80
W 9718		15 Aug 21.175	- 11.3	7.4		W 9794		46 Apr 23.488	- 23.7		80
		16 Jul 11.346	- 32.2	2.2							
		20 Aug 3.336	- 21.0	1.1	36	16:56.0 -18 44		16 Aug 17.166	+ 42.3	± 1.8	
		21 Aug 14.235	- 40.3	5.4	36	HD 153727		17 May 3.446	+ 46.6	0.8	
						29 Oph		17 May 6.421	+ 42.2	1.6	
16:52.7 +60 32		28 Aug 2.212	- 47.8	2.2	36	W 9811					
HD 153166		29 Mar 30.487	- 42.1		36						
W 9754		29 May 24.390	- 38.4	0.2	36	16:56.2 +68 10		36 Jun 6.456	- 11.4		80
						18C2266		41 Jun 3.314	- 18.1		80
16:52.9 +09 32		48 May 14.470	- 56.0		36	W 9785		43 May 12.410	- 19.3		80
HD 153210											
27 κ Oph						16:56.2 +74 27		15 Jun 21.437	- 23.5	7.8	
W 9775						HD 153752		47 Jun 30.290	- 7.8	10.7	80
						W 9770		47 Jul 4.256	- 25.4		80
16:53.4 +25 31		12 Apr 23.480	+ 7.2	1.8		16:56.7 +22 47		26 Mar 21.459	+ 12.5		36
HD 153287		12 May 26.377	+ 9.0	2.4		HD 153834		26 Apr 21.485	+ 10.1		36
57 Her		12 Jun 5.370	+ 11.9	2.9		W 9810		26 Apr 21.509	+ 11.2		36
W 9776											
16:53.5 +50 13		44 Aug 1.164	- 30.5		36	16:57.2 +22 37		46 May 12.470	+ 13.4e		81
HD 153299		45 Jun 18.308	- 28.5		36	SY Her					
W 9769		46 Jul 15.244	- 34.5		80	W 9817					
16:53.5 +15 20		24 May 13.484	- 12.0	1.1	76	16:57.5 +56 50		26 Jun 4.342	- 12.8	1.1	36
HD 153301		25 May 2.463	- 5.9		36	HD 153956		26 Jun 4.408	- 13.4		36
ADS 10277AB		25 Jun 5.363	- 15.2		36	W 9802		26 Jun 26.334	- 17.2		36
W 9781											
16:53.8 -24 56		14 Jun 13.297	- 37.0	0.7		16:57.9 +33 43		13 Apr 25.493	- 10.3	0.3	
HD 153336		14 Jul 10.209	- 34.8	0.4		HD 154029		13 May 20.435	- 14.6	2.0	
W 9786		15 May 25.380	- 20.7	3.0		59 Her		13 Jun 11.359	- 13.4	1.8	
		15 Jun 20.299	- 30.6	2.7		W 9821					
		16 Apr 22.445	- 34.1								
16:53.9 +62 16		23 Jun 24.370	- 89.6	0.2	36	16:58.2 +25 40		34 Jul 24.232	- 48.2		36
HD 153344		23 Jun 29.294	- 80.3	0.9	36	HD 154084		36 Aug 11.171	- 52.5		38
W 9758		23 Jul 27.260	- 76.8	0.6	36	W 9825		37 Apr 18.481	- 52.3		38
		23 Aug 6.173	- 83.6	0.0	36						
16:54.0 -24 50		33 Jun 11.311	+ 22.7		36	16:58.2 -28 26		26 Jun 3.366	+ 12.8	3.1	36
HD 153363		42 May 27.361	+ 16.1		36	HD 154088		26 Jun 27.303	+ 20.2		36
26 Oph		42 Jul 30.197	+ 17.5		36	W 9835		26 Jul 30.192	+ 18.6	2.0	36
W 9788											
16:54.1 +79 40		42 Jul 28.167	- 30.6		36	16:58.3 +20 52		46 Apr 16.510	- 8.0	7.2	80
HD 153372		42 Aug 28.167	- 27.0		36	HD 154100		46 Aug 12.152	- 9.3		80
W 9714		46 Apr 22.465	- 27.1		36	W 9828		47 Jun 6.358	- 15.6		80
								48 Jun 14.298	- 17.4		80
16:54.1 +25 55		24 May 17.390	+ 7.7	0.0	76	16:58.5 +29 26		28 Jun 14.385	- 31.4	14.6	36
20C1014		24 Aug 8.210	+ 6.6	3.4	76	HD 154127		28 Jul 10.290	- 24.3		36
W 9782		24 Sep 6.178	+ 21.4	2.6	76	W 9827		28 Jul 11.274	- 25.3		36
16:54.2 +21 42		55 May 12.336	-101.7		220	16:58.6 +14 14		20 Apr 11.453	+ 43.4	0.2	36
SW Her						HD 154143		20 Apr 11.501	+ 46.6	0.7	36
						W 9831		20 May 9.440	+ 49.9	1.6	36
16:55.4 +65 17		18 Mar 25.447	- 26.1	1.4	36	16:58.7 +71 36		42 Apr 25.438	- 19.3		36
HD 153597		18 Apr 1.528	- 11.6	1.7	36	HD 154159		42 Jul 28.260	- 22.0		36
19 Dra		18 Apr 23.464	- 16.9		36	W 9795		43 Jul 18.259	- 17.9		36
W 9780											
16:55.6 +29 42		28 Jun 14.304	+ 14.6	2.1	36	16:58.9 +29 58		28 Jun 17.358	- 15.6	9.6	76
HD 153650		28 Jun 15.363	+ 14.5	5.8	36	BD+30°2925		38 May 12.394	- 11.0		63
W 9793		28 Jul 12.214	- 10.8	1.2	36	W 9830		39 Apr 29.416	- 14.3		70
		39 Jul 2.191	- 12.8	7.1	36			47 Sep 29.118	- 13.4		80
		47 Mar 9.549	+ 11.5		80						
16:55.9 +65 11		36 Aug 12.157	- 16.2		38	16:58.9 -20 21		12 May 5.395	- 12.0		
HD 153697		42 Jul 4.266	- 17.4		36	HD 154204		12 Jun 4.371	+ 15.2	0.2	
20 Dra		43 Jul 19.233	- 19.0		36	W 9846		12 Aug 6.169	- 17.4	7.7	
ADS 10279AB								12 Aug 19.143	- 9.8	5.7	
W 9783											
						16:59.0 -10 57		30 Jul 17.239	- 24.3		36
						HD 154212		30 Aug 7.185	- 26.2	1.7	36
						W 9845		31 May 8.459	- 20.7	2.3	36

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e. ($\frac{\text{\AA}}{\text{mm}}$)	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e. ($\frac{\text{\AA}}{\text{mm}}$)	D ($\frac{\text{\AA}}{\text{mm}}$)
16:59.1 +29 38		25 Jun 16.235	- 2.6	± 0.8	76	17:01.7 +29 46		28 Aug 6.162	- 11.8	±23.4	36
HD 154227		25 Sep 6.156	- 5.0	0.5	37	HD 154651		28 Aug 12.160	- 2.1	1.6	36
W 9833		28 May 17.398	- 0.4		37	W 9868		28 Aug 13.157	- 13.2	2.5	36
								38 Apr 15.432	- 14.3		38
16:59.1 +13 44		23 Jul 27.192	- 35.4	9.8	36			39 Apr 29.478	- 9.1	11.2	70
HD 154228		24 Jun 17.348	- 31.8	2.1	36						
W 9836		24 Aug 10.225	- 44.4	2.3	36	17:01.7 -01 31		17 May 7.407	+ 1.9	7.4	
		24 Sep 10.166	- 36.6	2.9	36	HD 154660		17 Jun 6.427	+ 4.0	24.5	
		25 Aug 6.199	- 37.2	2.1	36	ADS 10347A		17 Jul 10.260	+ 27.3		
16:59.1 +05 07		See ApJ 115, 25, 1952				W 9876		21 Aug 26.151	+ 19.6	3.9	36
TX Oph								22 Jul 17.286	- 8.4	7.9	36
W 9838								22 Aug 7.195	+ 0.2		36
16:59.4 +13 42		23 May 28.370	+ 51.4	1.3	36	17:01.8 +07 55		See ApJ 86, 153, 1937			
HD 154278		23 Jun 24.322	+ 46.4	1.1	36	HD 154676					
W 9842		24 Jun 18.362	+ 46.6		36	WZ Oph					
		24 Aug 10.246	+ 43.7	1.6	36	W 9875					
16:59.8 +47 11		10 Jun 21.372	- 49.2	8.1	50	17:01.9 +06 58		47 Aug 6.187	- 44.3		80
HD 154345		10 Jun 24.317	- 43.7	5.8	50	HD 154694		48 Jul 6.278	- 41.3		80
W 9834		10 Jun 27.319	- 30.7		50	W 9879		49 Apr 8.514	- 38.4		80
		12 Aug 5.294	- 43.8	0.8							
		12 Aug 20.193	- 47.2	0.2		17:02.0 +59 43		20 Aug 27.224	- 78.2	1.4	37
		12 Sep 28.117	- 46.2	1.8		HD 154712		20 Aug 28.169	- 72.7		37
						ADS 10329A		20 Sep 23.184	- 70.1	7.0	37
16:59.9 +35 33		17 Aug 9.180	- 12.3			W 9852		20 Sep 30.160	- 71.6	5.6	37
HD 154356		17 Sep 1.174	- 15.2	3.1							
16 Her		17 Oct 1.146	- 7.2	1.0		17:02.1 +22 13		27 May 9.460	- 92.7		36
W 9844						HD 154733		27 Jun 10.364	- 95.8		36
						ADS 10343A		27 Jul 11.276	- 92.6		36
16:59.9 -04 53		10 May 17.313	+ 43.2	1.6	50	W 9874		27 Sep 4.160	- 96.9		36
HD 154363		10 Jul 17.312	+ 63.1	2.7	50						
W 9850		14 Apr 3.498	+ 27.2	2.7		17:02.1 +06 56		47 Aug 26.182	- 33.8		80
		14 Jul 8.243	+ 28.8	4.1		BD+7°3307		48 Jun 23.289	- 32.7		80
		14 Aug 7.193	+ 30.3	4.6		W 9880		48 Jun 24.314	- 25.5	4.8	80
		24 Jul 14.312	+ 35.5	2.3	76						
		25 Jun 5.405	+ 19.9	5.4	76	17:02.1 +06 56		47 Jul 6.203	- 26.2		80
		25 Jul 2.300	+ 37.6	5.3	76	HD 154734		47 Aug 27.153	- 34.1		80
						W 9881		48 Jun 23.367	- 29.3		80
16:59.9 -26 27		See ApJ 86,363, 1937				17:02.3 +47 06		23 Jun 23.400	- 53.0	0.8	36
HD 154365						HD 154759		23 Jun 26.267	- 52.0	4.7	36
BF Oph						ADS 10338A		25 Jul 5.373	- 51.0		36
W 9859						W 9871					
17:00.2 +00 51		19 Apr 19.487	- 9.1	1.0	36	17:02.4 -17 29		29 Jun 23.284	- 8.9		36
HD 154417		19 May 17.461	- 18.4	3.7	36	HD 154779		29 Jul 28.210	- 17.2	1.5	36
W 9855		19 Jun 9.347	- 13.4	1.0	36	W 9884		30 Mar 18.528	- 8.2		36
		19 Sep 4.162	- 26.8	0.2	36						
		20 Aug 2.296	- 20.4	2.7	36	17:03.1 -00 57		11 Jun 7.393	- 14.2	1.7	
		21 Apr 20.493	- 18.2	0.1	36	HD 154895		11 Jun 12.325	- 24.8	8.0	
		21 Jul 18.258	- 24.0	1.4	36	ADS 10385AB		11 Jul 5.297	- 39.4	0.7	
						W 9885		11 Jul 12.248	- 8.4	1.0	
17:00.4 -00 45		14 Mar 7.532	+ 18.6	1.8							
HD 154445		14 May 17.378	+ 24.3			17:03.4 +73 27		15 Jul 23.283	- 4.6	3.7	
W 9858		14 Jul 13.259	- 8.5	0.1		HD 154928		15 Aug 19.267	- 5.2	2.1	
		14 Aug 31.132	- 27.1	5.4		W 9849		15 Sep 19.154	- 4.8	1.1	
		16 Aug 19.157	+ 21.0	9.8							
		17 Jul 5.254	+ 20.6	2.1		17:03.4 +04 32		21 Aug 22.182	- 16.4	1.3	36
		36 Apr 2.530	+ 2.8	3.8	36	HD 154931		21 Sep 12.159	- 18.3	2.2	36
						W 9886		21 Sep 15.152	- 20.4	0.2	36
17:00.8 +28 14		47 Jun 9.328	- 5.3		80						
HD 154510		48 Jun 22.307	+ 2.0		80	17:04.3 -10 23		30 May 6.465	- 7.2	5.1	36
ADS 10332A		48 Jun 28.210	0.0		80	HD 155078		42 May 28.384	- 1.4		36
W 9856						W 9894		42 Jun 30.289	- 2.9		36
17:00.9 +29 49		31 Jul 1.279	- 20.8	2.6	36	17:06.3 +40 54		20 May 8.414	- 51.3	1.9	36
BD+29°2933		39 Jun 2.357	- 6.2		70	HD 155410		20 Jul 2.329	- 53.2	1.3	36
W 9857		39 Jul 2.285	- 2.0	0.3	36	W 9904		20 Jul 2.356	- 52.0	2.6	36
		39 Jul 3.219	- 0.2		36						
17:01.6 +64 45		37 May 24.352	- 24.3		38	17:06.6 +27 43		See ApJ 96, 344, 1942			
HD 154633		42 Jul 4.314	- 21.4		36	CX Her					
W 9847		42 Sep 4.138	- 24.3		36	W 9909					

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)
17:06.6 +24 38		45 May 27.356	- 53.4		80	17:10.6 -15 06		25 Jul 12.283	- 6.8	± 5.8	36
HD 155456		45 Jun 26.207	- 56.1		80	HD 156115		26 Jul 1.272	- 9.0	2.5	36
W 9908		45 Jul 24.249	- 58.8		80	W 9956		26 Jul 29.204	- 7.2		36
17:07.8 +21 21		21 Mar 18.488	- 44.6	± 4.0	36	17:10.8 +15 02		28 Apr 16.442	- 8.4	1.6	37
HD 155642		21 Jun 19.361	- 51.2	0.5	36	HD 156144		37 Jun 16.281	- 19.4		80
ADS 10394A		21 Jul 17.312	- 49.9		36	W 9952		38 May 13.411	- 23.9	0.8	63
W 9922								41 Jun 11.222	- 12.8		36
17:07.8 +21 21		30 Sep 9.137	- 1.2		76	17:10.9 +54 16		45 May 26.406	- 22.9	4.9	80
ADS 10394B		48 Mar 26.503	+ 3.8		80	HD 156162		45 Jul 23.244	- 15.5		80
W 9921		49 May 11.425	- 0.4	0.0	80	ADS 10410A		46 Apr 13.492	- 18.1		80
						W 9937					
17:07.8 +10 42		25 Jul 2.258	+ 28.0	3.0	36	17:10.9 +36 29		See ApJ 96, 344, 1942			
HD 155644		25 Jul 15.228	+ 21.4	1.2	36	HD 156163					
37 Oph		25 Jul 15.259	+ 29.0		36	W 9946					
W 9923											
17:09.2 +45 52		23 Aug 6.305	- 15.4	2.6	76	17:10.9 +24 57		27 Jul 20.295	+ 7.3		80
HD 155876		23 Aug 26.190	- 12.2	8.2	76	ADS 10424B		31 Jul 26.303	+ 10.1		36
W 9927		24 Aug 9.276	- 30.9	1.2	76	W 9949		34 May 22.330	- 2.4		80
		24 Sep 7.194	- 13.1	4.1	76						
17:09.2 -26 27		16 Apr 22.489	- 0.5			17:11.2 +57 59		See ApJ 96, 344, 1942			
HD 155886		17 Aug 1.172	- 0.8	0.1		HD 156205					
36 Oph		17 Aug 10.175	- 3.2	1.0		TT Dra					
ADS 10417A						W 9936					
W 9941											
17:09.5 +36 06		27 May 9.448	- 69.3		76	17:11.6 +23 52		35 Jun 22.294	- 42.2		38
VZ Her		29 May 20.283	-144.9		76	HD 156284		41 Apr 7.496	- 44.9		70
W 9929						W 9957		42 Jun 3.394	- 44.5		36
17:09.5 +16 28		See ApJ 79, 89, 1934				17:11.9 +14 47		23 May 6.384	- 65.4	0.0	37
HD 155937						HD 156342		37 May 21.420	- 66.0		38
AK Her						ADS 10433A		38 Jun 7.318	- 59.7		63
W 9932						W 9965		41 Jun 11.357	- 63.6		36
								42 Jul 26.222	- 62.4		36
17:09.7 +14 42		25 Aug 10.196	- 12.6	1.5	36	17:11.9 -24 11		27 Apr 13.488	- 29.5	0.7	36
HD 155967		25 Sep 3.183	- 13.6	6.1	36	HD 156350		31 May 29.369	- 26.9	1.5	36
W 9938		26 May 31.379	- 25.8	1.6	36	ADS 10442B		32 Jun 18.330	- 24.5	4.1	36
						W 9969		32 Aug 14.172	- 33.0	0.5	36
17:09.9 +42 28		21 Jun 13.441	+ 22.4	6.9	81	17:12.0 -23 58		34 Apr 22.484	- 13.5		36
BD+42+2810		22 Jun 8.307	+ 2.8		37	HD 156365		34 Jul 25.184	- 15.9		36
W 9931		23 Jul 25.283	+ 6.4	4.4	76	W 9973		34 Jul 30.197	- 16.3		36
		24 Jun 21.382	- 5.6	11.0	76						
		24 Jul 12.380	+ 11.5	6.6	76	17:12.1 -34 53		21 Apr 12.497	+ 6.9	0.4	37
		24 Aug 8.314	- 3.7	9.1	76	HD 156384		21 May 14.427	+ 4.0	0.0	37
17:10.0 +11 11		45 Jun 27.324	- 6.7		81	W 9982		21 May 25.374	+ 3.0	2.0	37
V438 Oph								21 Aug 18.138	- 4.0		37
W 9943											
17:10.1 +14 30		16 Apr 13.493	- 31.4	2.3		17:12.2 +56 15		21 Sep 19.174	- 1.8	3.5	36
HD 156014		16 Apr 16.380	- 34.8	0.4		HD 156389		21 Oct 13.134	- 6.8	1.2	36
64 α Her		16 May 20.428	- 28.6	0.8		ADS 10425AB		21 Oct 17.152	- 1.5	2.4	36
ADS 10418A		19 Sep 11.137	- 25.7		37	W 9954					
W 9944		32 May 18.393	- 33.3		3	17:12.5 +15 24		37 Aug 22.189	- 30.3	1.3	38
		33 Mar 14.498	- 35.6	0.2	3	HD 156431		40 Jun 22.295	- 18.4		36
						W 9967		47 Mar 29.456	- 7.7	4.4	80
17:10.1 +14 30		See ApJ 53, 201, 1921						47 Apr 28.436	- 19.1		
HD 156015		29 Aug 13.184	- 57.0		36	17:12.5 +14 48		38 Jun 7.370	- 26.0		63
ADS 10418B		39 Mar 12.510	- 34.3		27	HD 156432		40 Jun 16.278	- 52.2		36
W 9945						W 9968		40 Jul 23.189	- 62.2	1.3	36
17:10.1 -26 23		10 Apr 24.454	+ 1.8	0.2	50			44 Jul 31.216	- 29.3		36
HD 156026		13 Jul 24.222	- 5.7	3.1		17:12.6 -15 41		28 May 18.387	+ 16.8		37
ADS 10417C		13 Aug 23.146	- 13.5	3.4		HD 156461		38 Jul 7.220	+ 22.2		38
W 9951		13 Sep 14.133	- 12.5	1.8		W 9978		40 Jul 24.229	+ 19.5		36
17:10.4 +42 15		20 Feb 12.538	- 15.1	0.3	37						
HD 156074		20 Apr 5.530	- 6.4	1.9	37	17:12.7 +15 18		39 Aug 28.159	- 13.7		36
W 9934		21 Apr 29.393	- 12.0	0.8	37	HD 156483		40 Jun 22.359	- 20.9		36
		21 May 19.222	- 15.4	0.1	81	W 9971		40 Jul 24.180	- 12.7		36
		22 Jun 10.189	- 16.2		81						

TABLE 2—Continued

R.A. (1900) Name	Decl. (1900)	Date (UT)	Vel. (km sec ⁻¹)	p.e. (km sec ⁻¹)	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl. (1900)	Date (UT)	Vel. (km sec ⁻¹)	p.e. (km sec ⁻¹)	D ($\frac{\text{\AA}}{\text{mm}}$)
17:13.2 +69 26		36 Apr 28.490	- 56.6		80	17:15.4 +09 34		19 Jun 17.397	- 10.5		80
HD 156558		42 Jun 23.360	- 54.1		36	HD 156968		20 Apr 30.398	- 15.0	± 2.7	37
W 9947		42 Aug 3.203	- 55.1		36	W 10008		20 Aug 2.257	- 9.5		37
								21 Apr 17.462	- 14.1		37
17:13.7 +81 30		43 Jul 10.348	+ 9.0	± 2.0	80	17:15.5 -24 49		34 May 29.386	- 15.6		36
HD 156648		43 Jul 16.240	+ 4.9		36	HD 156992		35 Aug 9.177	- 4.2	1.5	38
W 9914		45 May 28.406	- 0.8	0.8	80	W 10016		45 Apr 27.460	- 14.3		80
17:13.7 +29 02		46 Apr 15.494	- 29.6	1.5	80	17:15.9 +18 10		24 May 11.483	- 41.2	4.4	36
HD 156652		48 Apr 29.495	- 41.7		80	HD 157049		24 Jun 17.309	- 50.2	0.2	36
W 9985		48 Jun 21.322	- 39.7		80	W 10013		24 Jul 9.252	- 46.0		36
		50 Apr 21.506	- 38.6	1.1	80			24 Aug 13.161	- 47.3		36
17:13.9 +10 58		25 Apr 7.510	+ 43.8		36	17:16.1 +26 36		44 May 11.446	- 26.9		108
HD 156681		25 Aug 4.208	+ 43.4		36	Ross 868		44 Jul 1.212	- 4.9		110
W 9990						W 10012		44 Jul 7.279	- 28.3		108
17:14.2 +37 24		11 Sep 6.165	- 9.3	0.2				44 Jul 27.333	- 26.6		108
HD 156729		11 Sep 12.144	- 11.3	0.7		17:16.1 +01 32		34 Aug 3.201	-159.5		36
69 Her		11 Oct 7.127	- 16.9	5.9		HD 157089		34 Aug 23.184	-152.6		38
W 9988		12 Jun 10.384	- 17.6	3.0		W 10015		34 Aug 24.231	-169.9		36
17:14.5 -07 55		42 May 22.378	- 82.3	0.7	36			36 Jun 25.375	-162.6		38
HD 156802		43 Apr 18.492	- 91.7		80	17:16.3 +26 36		44 May 15.444	- 22.9		220
W 10003		43 Jun 14.304	- 94.3	0.6	80	Ross 868		44 Jun 29.214	- 7.3		220
		49 Aug 8.155	- 89.0		80	W 10012					
17:14.6 +02 40		14 Jun 15.314	+ 29.5	4.3		17:16.8 +24 36		11 Sep 7.167	- 18.0	0.2	
HD 156824		16 May 16.469	+ 28.3			HD 157198		11 Sep 13.141	- 26.3	2.2	
W 10001		16 Jun 18.366	+ 7.7			70 Her		11 Oct 9.132	- 2.7	0.6	
		16 Sep 16.164	+ 29.1			W 10020		12 Jun 9.412	- 10.0	3.9	
		17 Jun 4.400	+ 27.1	3.1							
17:14.8 +02 14		46 Apr 11.473	- 28.1		80	17:16.9 +32 36		10 May 26.383	- 71.0	2.5	50
HD 156860		46 May 19.398	- 25.7		80	HD 157214		10 Jun 19.338	- 65.8	4.8	50
W 10002		48 Jun 14.320	- 23.0		80	72 Her		10 Jul 13.353	- 62.0	1.9	50
17:14.9 +28 55		15 Jun 23.314	- 15.6	1.0		ADS 10488A		10 Jul 21.288	- 68.0	6.2	50
HD 156874		15 Jul 28.190	- 11.5	1.6		W 10019		11 Feb 10.523	- 80.2	2.3	
W 9996		16 Apr 21.498	- 15.3	1.4				11 Feb 23.545	- 76.9	0.6	
		16 Jun 22.412	- 13.6	0.3				11 Mar 13.509	- 77.0	0.5	
								13 Jun 23.383	- 79.8	0.3	
17:15.0 +60 49		23 Jun 26.334	- 25.9	4.6	36	17:17.1 +16 50		45 Jun 19.314	+ 40.5		36
HD 156890		23 Aug 5.216	- 22.2	2.5	36	HD 157257		47 Jun 5.348	+ 37.8	4.1	80
ADS 10448A		23 Aug 27.186	- 28.5	1.0	36	W 10027					
W 9979		23 Sep 25.133	- 18.0		36						
		34 Jul 4.287	- 15.5	0.6	36	17:17.1 +07 01		See ApJ 115,25, 1952			
		42 Mar 30.510	- 21.7		36	UZ Oph					
						W 10030					
17:15.0 +38 55		42 Apr 30.439	- 33.6		36	17:17.5 +46 20		24 Apr 25.497	- 59.4	4.7	36
HD 156891		45 Apr 6.461	- 40.1		36	HD 157325		24 Jun 13.442	- 53.6	0.3	36
W 9993		45 Apr 29.315	- 39.4		36	74 Her		24 Jun 19.271	- 57.3	0.1	36
17:15.2 -12 45		11 Aug 8.162	+ 2.1	1.0		W 10024		24 Jul 10.351	- 55.1		36
HD 156928		11 Sep 9.139	+ 3.7	4.4							
ADS 10481A		12 Jun 2.412	+ 6.3	1.2		17:17.8 +71 53		27 May 11.469	- 5.2		36
W 10011		12 Jun 24.288	+ 1.7	0.5		HD 157370		27 Jul 14.354	- 1.5		36
						W 9998		27 Aug 18.162	- 2.2		36
17:15.3 +60 46		21 May 15.415	+ 22.3	1.9	36	17:18.4 +40 05		30 Mar 20.467	- 13.1		36
HD 156947		21 Jul 25.283	+ 5.4	5.6	36	HD 157482			+ 63.2		36
VW Dra		21 Aug 26.205	+ 18.8	1.3	36	W 10035		31 Apr 30.446	+ 6.5		36
W 9987								31 Jun 3.321	- 0.8		36
17:15.3 -07 00		43 Apr 23.493	- 6.0		80				- 79.9		36
HD 156952		43 May 17.406	+ 0.5		80			31 Jun 4.318	+ 10.2		36
ADS 10480AB		44 Jul 30.184	+ 0.7		80	17:18.5 -09 16		28 May 31.389	- 38.4	3.3	36
W 10010						HD 157498		30 Jun 11.376	- 40.0	1.0	36
17:15.4 +27 23		46 Aug 7.174	+ 58.9		80	W 10046		32 Jun 19.342	- 36.2	0.1	36
HD 156966		47 May 2.469	+ 64.9		80	17:18.7 -21 21		17 Apr 6.507	- 52.2	2.8	
W 10005		48 Jun 13.298	+ 54.4		80	HD 157527		17 Jun 5.392	- 58.7		
						ADS 10522A		18 Apr 20.487	- 54.4		36
						W 10051		18 May 2.437	- 57.5	0.1	36

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)
17:19.0 -24 10 HD 157588 W 10056		14 Jun 13.343 14 Jul 3.277 14 Sep 1.155 15 May 28.391	+ 15.0 + 27.2 + 16.2 + 20.5	± 6.9 6.2 4.2		17:22.3 -20 53 HD 158122 ADS 10561AB W 10097		42 Jul 5.289 43 Jul 12.271 45 May 25.357	- 13.3 - 13.0 - 5.3		36 80 80
17:19.2 +08 56 HD 157617 W 10049		35 Jun 23.309 37 Apr 1.507 42 Jul 1.289	+ 13.4 + 17.1 + 13.4		38 38 36	17:22.5 +20 10 HD 158148 W 10089		11 Jun 14.326 11 Jul 13.244 11 Jul 28.194	- 28.2 - 28.9 - 30.2	± 1.4 2.0	
17:19.6 +53 31 HD 157681 W 10040		35 May 11.435 42 Jun 2.378 45 Apr 6.416 45 Jun 22.177	- 3.4 - 9.2 - 1.8 - 9.6		38 36 36 36	17:22.9 +73 06 HD 158209 W 10052		42 Aug 4.184 43 May 19.395 43 Jun 10.359 47 Jun 30.319	- 36.2 - 15.9 - 8.0 - 30.8	0.4 2.2	36 36 80 80
17:20.0 +16 25 HD 157740 W 10058		13 Apr 29.455 13 May 15.446 13 Jun 14.336	+ 9.4 + 10.5 + 13.2	1.8 2.6 1.6		17:22.9 +31 09 18C2326 W 10090		23 Aug 27.266 24 Jun 11.453 24 Jun 21.285 24 Aug 9.194	- 66.0 - 74.6 - 73.4 - 77.1	1.4 1.0 4.1 3.4	76 76 76 76
17:20.3 -24 05 HD 157792 44 Oph W 10071		28 Apr 7.522	- 41.0		36	17:23.0 +31 21 HD 158225 W 10092		25 Jul 1.318 25 Aug 7.156 25 Aug 14.159 25 Sep 1.233	+ 1.8 - 3.6 0.0 + 0.2	7.2 1.5 0.5	76 36 36 36
17:20.8 +02 14 HD 157881 W 10069		10 May 22.294 10 Jul 18.309 10 Jul 19.309 13 Sep 19.159 14 Jun 9.371 14 Jul 9.335	- 18.1 + 1.0 - 2.8 - 26.8 - 25.8 - 31.0	 3.1 0.0 1.6	50 50 50	17:23.0 +31 09 HD 158226 W 10091		25 Apr 8.410 25 Jul 31.156 25 Aug 2.293 25 Aug 3.270	- 72.4 - 66.1 - 74.6 - 69.4	2.2 5.9	76 76 76 76
17:21.0 +47 21 HD 157906 ADS 10530A W 10061		24 May 20.383 25 Jun 8.283 25 Jun 28.382 25 Aug 31.205	- 27.0 - 33.1 - 25.1 - 24.6	1.4 1.0 1.2	37 36 36 37	17:23.0 +08 31 HD 158228 W 10100		46 Aug 11.148 49 May 10.432 49 Jul 5.262	+ 4.6 + 11.1 + 14.9		80 80 80
17:21.0 +37 02 HD 157910 ADS 10535A W 10063		23 Jun 7.398 23 Aug 28.165 23 Oct 22.136	- 11.0 - 18.2 - 15.3	1.1 0.9	36 36 5	17:23.6 +26 53 HD 158332 W 10103		42 May 2.460 42 May 24.359 43 May 21.411	- 26.8 - 23.4 - 24.8		36 36 36
17:21.0 +32 21 BD+32°2909 W 10064		46 May 17.373 46 Jun 12.344 48 May 27.281	+ 1.3 - 6.2 - 6.3		80 80 80	17:24.1 +48 21 HD 158414 77 Her W 10101		11 Aug 8.207 12 May 3.456 12 Jul 7.403 12 Aug 1.296 12 Sep 22.192 13 May 21.410 13 Aug 18.262	+ 3.8 - 18.2 - 2.0 + 9.0 - 1.4 - 13.4 + 9.0	1.2 6.6 3.1 4.7 3.6 6.5 7.3	
17:21.1 +32 23 BD+32°2910 W 10065		46 May 17.457 46 Jun 12.419 48 Jul 6.212	- 1.5 - 6.0 + 0.7		80 80 80	17:24.4 +60 07 HD 158460 W 10094		28 Aug 6.195 38 Apr 14.384 38 Apr 21.435 49 Sep 6.129 50 Jul 28.167	+ 15.0 + 7.4 - 2.5 - 25.1 - 21.2	12.9 25.2	36 38 38 80 36
17:21.4 +20 01 BD+20°3471 W 10066		44 Jun 30.342 45 May 3.467 45 Jul 31.213	- 42.4 - 36.0 - 43.5		80 80 80	17:24.8 +71 58 HD 158537 W 10082		46 Jun 14.357 46 Jul 15.270 48 Sep 23.119	- 19.2 - 23.1 - 22.0		80 80 80
17:21.4 +17 00 HD 157967 W 10077		46 Apr 9.444 47 Jun 6.320	- 12.6 - 12.9		36 80	17:25.2 -00 58 HD 158614 ADS 10598AB W 10115		18 Mar 21.542 18 Apr 22.471 18 May 1.442	- 80.1 - 81.6 - 80.1	1.8 0.8	36 36 36
17:21.4 -12 26 HD 157968 W 10086		20 Apr 7.523 20 May 31.356 20 Jun 30.281	- 42.5 - 36.8 - 41.4	2.2 2.5 4.1	36 36 36	17:25.3 +67 24 HD 158633 W 10096		11 Jul 9.262 11 Aug 12.218 12 Apr 28.460	- 42.8 - 38.4 - 35.0	1.0 0.5 0.9	
17:21.6 -02 19 V453 Oph W 10085		46 Aug 20.182	-119.9		108	17:25.5 +29 29 18C2334 ADS 10585AB W 10114		33 Jun 1.300 36 Aug 30.173 37 Jul 26.351 40 May 27.450	- 0.8 - 4.9 - 9.4 - 13.8		76 80 80 80
17:22.3 +29 33 HD 158116 ADS 10553A W 10087		22 May 11.479 22 Sep 5.252 23 May 3.444 25 Aug 5.200	- 27.0 - 20.6 - 24.3 - 28.8	3.3 2.3	81 37 37 76	17:26.1 +68 27 BD+68°930 W 10104		19 Oct 8.182 21 Aug 19.198 22 Jun 5.440	- 30.4 - 32.6 - 39.7	0.2	80 80 80

TABLE 2—Continued

R.A. (1900) Name	Decl. (1900)	Date (UT)	Vel. (km sec ⁻¹)	p.e. ($\frac{\text{\AA}}{\text{mm}}$)	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl. (1900)	Date (UT)	Vel. (km sec ⁻¹)	p.e. ($\frac{\text{\AA}}{\text{mm}}$)	D ($\frac{\text{\AA}}{\text{mm}}$)
17:26.5 +01 45		13 Sep 15.149	- 13.5	$\pm$ 2.0		17:29.9 +06 04		13 Aug 12.211	-136.0	$\pm$ 5.8	
HD 158855		14 Jun 10.307	- 14.6	2.7		HD 159482		14 May 9.464	-146.7	7.3	
W 10123		14 Jul 2.236	- 16.9			ADS 106388		14 Jun 14.299	-158.3	19.9	
						W 10155		14 Aug 10.181	-143.0	8.6	
17:26.7 +26 11		14 Sep 2.128	- 23.8	1.6				20 May 27.462	-134.3		37
HD 158899		14 Sep 6.140	- 28.2	0.9				20 Jun 26.382	-150.4		37
76 λ Her		14 Sep 30.127	- 23.7	0.6							
W 10121						17:30.0 +41 19		28 Aug 1.188	- 35.0	2.5	36
						HD 159501		28 Mar 29.459	- 29.0	0.4	36
17:27.1 +31 13		28 Jun 29.284	- 21.8		36	W 10147		29 Jul 29.204	- 23.8	1.5	36
HD 158974		29 Apr 21.465	- 30.3		36			30 Aug 12.222	- 26.1		36
W 10126		29 Jun 22.337	- 25.6		36						
						17:31.7 +21 04		13 Jun 12.393	- 12.5	1.5	
17:27.2 +80 13		39 Apr 9.522	- 6.1		38	HD 159834		13 Jun 22.395	- 15.0	0.9	
HD 158996		42 Jul 3.302	- 2.7		36	ADS 10655A		13 Jul 12.359	- 23.4	2.3	
W 10073		45 Apr 1.470	- 7.6		36	W 10166		13 Aug 19.273	- 20.0	0.5	
								13 Sep 11.138	- 15.5	1.5	
17:28.2 +52 23		32 Mar 17.485	- 25.2		76						
HD 159181		32 Mar 17.486	- 23.7		76	17:32.1 +69 39		36 Apr 13.479	+ 5.8		38
23 β Dra		32 Jun 23.158	- 16.2		76	HD 159906		42 Jun 5.380	+ 7.6		36
ADS 10611A		32 Jul 25.149	- 20.4	5.3	76	W 10148		42 Jul 27.174	+ 7.1		36
W 10127		32 Jul 26.136	- 18.2	0.3	76						
		32 Aug 23.132	- 19.9	3.3	76	17:32.4 +68 12		18 Sep 18.251	- 70.9	0.4	70
		32 Sep 10.115	- 26.2	5.8	76	HD 159966		18 Sep 23.156	- 71.6	0.8	36
		48 May 14.489	- 22.6	3.6	36	27 Dra		19 May 18.476	- 64.2	0.9	36
						W 10151		19 Jun 19.413	- 66.4	1.1	36
17:28.7 +59 46		37 Jun 18.393	- 21.6		80						
HD 159266		38 May 12.449	- 10.7	0.3	63	17:32.4 +27 39		44 May 14.452	- 38.6		36
W 10128		38 Jun 8.364	- 7.3	3.1	63	HD 159968		46 Aug 6.201	- 38.9		80
		40 May 23.405	- 20.7		80	W 10171		48 Jun 22.352	- 29.6		80
17:28.8 -01 01		55 May 11.467	- 58.3		220	17:32.6 -10 52		34 Jun 28.316	- 33.6		36
ST Oph		55 May 12.461	- 36.1		110	HD 160018		36 Apr 8.514	- 32.3		38
						W 10184		37 Jun 28.260	- 29.8		38
17:29.1 +63 57		21 Aug 25.283	- 26.3		36						
HD 159329		21 Sep 13.150	- 30.1	1.7	36	17:32.7 -21 51		28 Jun 6.362	- 1.6	1.1	36
W 10129		21 Oct 14.153	- 30.2		36	HD 160042		29 May 3.480	- 10.8	5.5	36
						W 10189		30 Aug 4.202	+ 6.4	1.0	36
17:29.1 +19 20		23 Aug 27.141	- 57.3	0.5	36			34 Apr 27.450	- 1.4		36
HD 159332		24 Jun 20.311	- 61.6	0.9	36			34 Jun 23.327	+ 1.9		36
W 10142		24 Jun 21.299	- 69.8	1.4	36						
		24 Aug 14.149	- 57.2		36	17:33.2 +45 01		55 Jun 2.293	-103.7		110
						AT Her					
17:29.2 +16 25		20 Jun 1.398	- 21.9		36						
HD 159353		20 Jun 25.360	- 21.1		36	17:33.4 +24 22		12 Jul 8.349	- 2.2	7.5	
W 10144		20 Jun 26.306	- 20.1		36	HD 160181		12 Jul 28.256	+ 2.6	3.6	
						79 Her		12 Aug 31.242	- 6.0	4.2	
17:29.2 +14 55		46 Apr 11.524	+ 29.5		80	W 10185		12 Sep 1.178	- 3.0	7.0	
HD 159354		48 Jun 13.321	+ 30.5		80			13 May 22.433	+ 6.7	3.7	
W 10146								13 Aug 17.214	+ 0.6	9.1	
17:29.3 -21 58		14 Sep 4.147	- 13.5	2.8		17:33.4 +18 37		16 Aug 11.237	+ 8.2	9.9	
HD 159376		15 Jun 20.356	- 9.2	5.3		BD+18°3424		17 Aug 6.212	- 10.8	2.6	
52 Oph		16 Jul 12.293	- 14.9	4.4		W 10187		17 Aug 29.207	- 9.9	7.3	
W 10154		17 Aug 10.200	- 8.7								
		20 Aug 3.244	- 22.8		36	17:33.9 +61 58		10 Aug 17.199	- 14.4	2.4	50
		21 Apr 26.509	- 4.6		36	HD 160269		17 Jul 8.315	- 15.4	1.4	
						26 Dra		18 Mar 30.510	- 11.4	0.8	36
17:29.6 -38 34		22 May 20.540	- 57.4	1.7	37	ADS 10660A		18 May 31.385	- 4.5	2.5	36
HD 159433		23 May 3.503	- 44.1	0.9	37	W 10172		19 Jun 19.392	- 14.2		36
W 10162		23 May 27.405	- 41.2		37						
						17:33.9 +18 37		16 Jun 19.420	-245.2	8.9	
17:29.8 +13 14		23 Jul 3.375	- 58.4	0.5	36	BD+18°3423		16 Jun 20.311	-233.7	3.9	
HD 159466		24 Jul 23.286	- 61.1		36	W 10190		16 Jul 20.216	-241.2	1.0	
ADS 10633A		24 Aug 10.280	- 60.7		36						
W 10150						17:34.0 +48 38		30 Mar 18.493	+ 34.2	2.7	36
						HD 160290		30 Apr 16.431	+ 31.6	1.6	36
17:29.9 +06 06		20 May 12.462	+ 4.4		37	82 Her		30 May 13.326	+ 28.8	2.0	36
HD 159481		20 May 27.408	+ 1.7		37	W 10183					
ADS 10638A		20 Jun 30.377	+ 9.0		37						
W 10156		20 Jul 26.172	- 4.9		37	17:34.1 +02 05		28 May 27.367	+ 6.8	5.5	36
						HD 160315		28 Jun 29.340	+ 0.2	1.0	36
						W 10196		28 Jul 24.273	+ 4.6	2.4	36

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e. ($\frac{\text{\AA}}{\text{mm}}$)	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e. ($\frac{\text{\AA}}{\text{mm}}$)	D ($\frac{\text{\AA}}{\text{mm}}$)
17:34.3 +03 37 HD 160346 W 10199		45 Apr 28.456 45 Jun 20.300 45 Jul 20.234 49 Jul 5.278	+ 15.4 + 26.8 + 15.1 + 21.0	± 0.5	36 36 36 80	17:37.4 +15 08 CE Her W 10226		49 May 3.476	-202.5		110
17:34.3 -11 53 RT Ser W 10203		19 Apr 12.451 19 Apr 21.458 19 May 12.438 19 Jul 5.288 20 Aug 4.208 20 Aug 5.217 21 Jun 11.365 28 Jun 27.325 31 Jun 24.318 31 Jul 9.323	+104.1 + 80.0 + 43.7 + 64.0 + 49.7 + 45.8 + 72.8 + 72.3 +102.9 + 92.3	23.2 3.7 3.7 4.3 2.8 4.2 4.2 76 124 76	80 80 80 80 81 81 81 76 124 76	17:37.6 +69 38 HD 160933 W 10204		42 Sep 4.180 45 Apr 30.484 45 Jul 18.168	- 52.0 - 55.6 - 54.6		36 36 36
17:34.5 +18 37 BD+18°3424 W 10187		16 Jun 15.382 17 Jul 6.340 17 Aug 30.199	+ 2.0 + 3.6 - 3.2	3.6 3.3		17:38.1 +41 42 HD 161016 ADS 10722AB W 10227		30 May 13.367 30 May 20.384 31 Mar 10.516 31 Jun 3.426 31 Jun 4.401 31 Jul 5.255 32 Mar 24.484	- 36.5 - 50.6 - 9.8 - 47.0 - 11.0 - 51.5 - 42.8	± 3.5 12.5 3.0	36 36 36 36 36 36 36
17:35.0 -02 06 HD 160471 W 10206		46 Aug 11.172 48 Jul 5.265 48 Sep 22.126 49 Jul 5.292	- 49.9 - 37.2 - 51.4 - 54.1	4.2 4.1	80 80 80 80	17:38.4 +24 37 HD 161074 83 Her W 10235		25 May 1.485 25 Sep 11.168 25 Sep 27.179	- 24.6 - 26.9 - 28.2	0.3	36 36 36
17:35.4 +74 17 HD 160538 W 10169		20 Jun 27.366 20 Sep 1.228 20 Sep 21.202	- 8.5 - 6.4 - 9.4	5.2	36 36 80	17:38.4 -22 09 HD 161083 W 10246		33 Jun 11.348 33 Aug 4.218 34 Apr 28.465	- 18.9 - 30.3 + 10.9		36 36 36
17:35.8 +68 52 HD 160605 W 10186		19 Oct 7.150 20 May 28.422 20 May 30.289	- 56.5 - 51.5 - 57.4		80 80 80	17:38.5 +04 37 HD 161096 60 β Oph W 10239		17 Sep 13.154 18 Apr 20.510 18 Sep 19.200 18 Sep 24.112 19 Jun 13.447 19 Aug 18.139 19 Sep 4.133 48 May 14.481	- 7.4 - 10.8 - 18.1 - 5.2 - 14.5 - 10.5 - 10.4 - 12.5	1.1 1.0 1.1 1.2	36 36 36 36 36 36 36 36
17:36.2 +31 15 HD 160677 W 10211		45 Jun 17.343 47 Jun 28.337	- 3.7 - 10.2		36 36	17:39.0 +72 31 HD 161178 W 10212		42 Jun 21.328 42 Jul 3.345 45 Apr 4.498	+ 4.1 + 8.7 + 10.0		36 36 36
17:36.3 +37 17 HD 160693 W 10207		17 Apr 7.465 17 Jun 3.444 17 Jun 10.455 20 Jun 5.266	+ 41.2 + 41.7 + 34.7 + 38.9	1.1 0.2 0.1	37	17:39.1 +51 52 HD 161193 W 10232		42 Jul 4.356 45 Apr 4.531 45 Jun 22.228	- 5.0 - 10.1 - 12.5	2.6	36 36 36
17:36.7 +06 22 HD 160781 W 10220		37 Apr 1.533 42 Aug 27.149 45 Apr 28.502	- 26.1 - 30.3 - 28.3		38 36 36	17:39.1 +21 41 HD 161198 W 10242		16 Aug 18.191 17 May 2.475 17 Jun 9.449	+ 24.3 + 22.4 + 15.2	1.6 3.5 1.6	36 36 36
17:37.0 +68 26 18C2354 W 10198		14 Jun 14.413 16 Jul 21.350 16 Aug 10.210 16 Sep 12.196	- 24.0 - 4.8 - 17.8 - 22.0	3.8 0.4 2.6		17:39.1 +00 25 HD 161201 W 10248		40 Jul 23.250 40 Aug 22.179 40 Sep 16.125 41 Jul 16.285	- 35.4 - 34.1 - 30.7 - 37.3		36 36 36 36
17:37.0 +24 33 HD 160835 ADS 10715A W 10218		16 Jul 13.312 16 Jul 18.356 16 Aug 16.226 16 Sep 17.130	- 30.9 - 31.6 - 30.2 - 34.0	0.3 1.5 1.2 1.9		17:39.3 +24 22 HD 161239 84 Her W 10244		19 Jun 12.423 19 Jul 13.168 19 Aug 5.154 20 Jul 4.301	- 22.6 - 24.4 - 28.5 - 23.5	3.2 0.2	36 36 36 36
17:37.0 +24 33 ADS 10715B W 10219		18 Apr 29.463 18 Jun 27.319 20 Jul 4.307 22 Jul 15.221	- 32.4 - 25.1 - 20.8 - 36.8	3.8	80 80 37 37	17:39.4 +03 01 HD 161262 ADS 10748A W 10250		47 Aug 28.146 49 Jul 5.319 49 Aug 8.186	+ 14.8 + 11.7 + 10.7		80 80 80
17:37.2 +68 27 HD 160861 W 10200		19 May 13.467 19 Oct 6.146 20 Jul 26.253 21 Jun 24.393	- 45.9 - 42.1 + 43.3 + 30.5	3.2 5.1	80 80 36 80	17:39.7 +71 23 18C2361 W 10223		36 Jun 8.340 41 Jul 4.284 45 May 24.440	+ 3.5 + 5.8 - 3.5	2.9	80 80 80
17:37.2 -04 48 HD 160869		50 Jun 29.315 50 Jun 30.234 50 Jul 26.165	+ 38.5 + 37.3 + 43.4		80 80 80	17:39.7 -00 05 HD 161304 W 10258		37 Jun 16.328 40 May 25.357 40 Aug 23.167 41 Jun 20.333 47 Apr 11.492 47 Apr 28.464	- 3.7 + 6.4 - 5.9 - 27.2 - 25.7 - 12.6	5.2	80 80 36 36 80 80
17:37.4 +16 00 HD 160910 ADS 10723A W 10229		21 May 26.434 21 May 27.402 21 Jul 21.404 21 Aug 22.213	- 44.7 - 47.6 - 44.3 - 40.0		36 36 36 36						

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e. ($\frac{\text{\AA}}{\text{mm}}$)	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e. ($\frac{\text{\AA}}{\text{mm}}$)	D ($\frac{\text{\AA}}{\text{mm}}$)
17:40.6 -40 05		21 May 25.436	- 29.4	± 2.5	37	17:42.5 +27 47		16 Apr 19.441	- 18.6	± 0.6	
HD 161471		21 Aug 18.168	- 19.2	0.4	37	HD 161797		16 May 22.445	- 16.6	0.3	
i Sco		21 Aug 18.177	- 16.8	2.1	37	86 μ Her		17 May 3.482	- 13.1	0.6	
W 10278		25 Aug 7.195	- 29.0		37	ADS 10786A		24 Aug 9.139	- 13.6	1.1	76
		25 Aug 30.147	- 20.7		37	W 10285		24 Aug 20.295	- 20.1	0.0	76
		25 Sep 28.112	- 19.6	0.8	37						
17:40.8 -28 07		34 Jun 28.323	+ 34.3	4.6	76	17:42.5 +27 47		20 Jul 1.316	+ 14.8	17.4	81
HD 161507		34 Jun 29.323	- 94.5		76	ADS 10786B		43 Jul 14.248	- 17.6B		108
BN Sgr		34 Jul 2.324	- 93.1		80	W 10286		43 Sep 14.214	- 8.1BC		108
		35 May 18.467	- 65.3		81			43 Oct 14.134	- 14.4B		110
		35 Jun 20.358	- 67.2		81	17:42.8 +04 59		25 Jul 1.386	- 88.4	1.2	76
		35 Jun 21.339	+ 21.1		81	HD 161848		25 Jul 2.378	- 96.1	5.3	76
			-104.6		81	W 10292		25 Aug 2.241	- 93.2	1.9	76
17:41.0 +43 26		25 Jul 11.366	- 16.6	5.9	76	17:42.9 +51 59		23 Jun 7.386	- 42.8	2.0	37
BD+43°2796		25 Aug 29.190	- 27.9	5.5	76	HD 161865		47 Aug 29.188	- 47.8		80
W 10260		25 Sep 29.178	- 18.8	4.9	76	ADS 10777A		48 Sep 24.127	- 54.7	4.0	80
		27 Jun 12.403	- 25.2	16.0	37	W 10275		49 May 12.393	- 49.9		80
17:41.1 +31 11		34 Jun 20.361	- 34.8		36	17:43.0 +46 53		44 Aug 7.210	+ 15.3		108
HD 161550		42 Aug 1.181	- 38.1		36	BD+46°2361		44 Sep 22.137	+ 20.3		108
ADS 10765A		43 May 22.387	- 39.0		36	W 10282					
W 10266											
17:41.1 +31 11		42 Jul 25.250	- 37.4		36	17:43.1 +72 27		42 Jul 22.274	- 14.7		36
ADS 10765B		42 Aug 1.251	- 36.8		36	HD 161897		43 Aug 9.238	- 14.7		80
W 10267						W 10257		44 Jun 29.321	- 20.2		80
17:41.3 -04 26		24 Aug 17.192	- 18.5		76	17:43.1 -40 04		22 Apr 10.522	- 17.9		37
HD 161589		48 Jun 14.356	- 13.2		80	HD 161912					
ADS 10775A		49 Jul 6.309	- 11.1		80	i ² Sco					
W 10274						W 10312					
17:41.3 -27 48		18 Apr 22.500	- 22.4	2.4	36	17:43.7 +72 12		18 Sep 23.204	- 9.6		36
HD 161592		18 Jun 30.303	- 25.9		36	HD 162003		18 Sep 24.132	- 12.8		36
X Sgr		18 Jul 19.230	- 34.9		36	31 ψ Dra		19 May 18.494	- 6.3		36
W 10284		18 Jul 23.215	- 23.0		36	ADS 10759A					
		23 Mar 27.535	- 14.3		36	W 10263					
		23 Mar 28.538	- 16.7		36	17:43.7 +72 12		19 Jul 14.208	- 11.4		36
		23 Mar 29.538	- 7.2		36	HD 162004		19 Jul 15.318	- 8.0	0.9	36
		23 Mar 30.526	- 5.2		37	ADS 10759B		19 Jul 15.346	- 15.1		36
		23 Mar 31.538	- 3.8		37	W 10264		19 Aug 4.243	- 14.5		36
		23 Apr 25.508	- 19.8		37						
		23 Apr 27.514	- 10.0		37	17:43.7 +27 50		40 May 16.456	- 56.0		80
		23 May 25.409	- 10.1		36	18C2368		43 May 11.397	- 51.4		80
		23 May 26.417	- 1.6		36	W 10297		44 May 4.418	- 60.7		80
		23 May 27.422	- 10.5		37						
		23 May 28.410	- 27.0	0.4	36	17:44.1 +20 36		26 Aug 1.210	- 27.3		36
		23 May 30.362	- 13.8	0.6	36	HD 162076		26 Aug 1.237	- 31.7		36
		23 Jun 7.361	- 4.4	0.0	36	W 10306		26 Aug 20.188	- 27.7	0.5	36
		24 Aug 13.186	- 25.6		36						
		24 Aug 14.172	- 26.5		36	17:44.3 -33 40		See ApJ 86, 363, 1937			
		30 Aug 12.135	- 13.0		36	HD 162102					
		30 Aug 14.147	+ 0.4		36	RY Sco					
		30 Aug 15.187	- 18.7		36	W 10317					
17:41.5 -01 10		30 Sep 10.136	+ 16.8		76	17:44.3 -33 40		29 Mar 17.536	+ 10.8	8.5	
HD 161623		47 Aug 11.166	+ 13.1		80	Comp. to		29 Jun 25.330	- 26.5		124
ADS 10781A		49 May 13.474	+ 16.3		80	RY Sco		31 Jun 1.406	- 38.5	4.1	76
W 10276											
17:41.5 -01 10		47 Aug 11.200	+ 16.3	6.1	80	17:44.5 +36 35		44 Aug 1.212	- 12.7		36
ADS 10781B		49 May 13.442	+ 15.3		80	HD 162159		49 Jul 4.314	- 14.6		80
W 10277						W 10305		49 Aug 9.240	- 15.6		80
17:41.9 +53 50		11 Aug 9.210	- 14.4	2.6		17:44.8 +25 39		16 Apr 5.499	- 23.6	0.9	
HD 161693		12 Jun 7.411	+ 5.4	7.3		HD 162211		17 Aug 1.202	- 22.8	0.5	
W 10265		12 Jul 6.398	+ 5.6	7.2		87 Her		18 May 2.495	- 25.2	1.2	36
		12 Jul 29.320	+ 0.1	6.5		W 10313					
		12 Aug 29.273	+ 5.6	2.2							
		13 May 25.454	- 1.2	3.8		17:44.8 -06 41		40 Sep 26.184	- 76.7		108
						HD 162214					
						RS Oph					
						W 10316					

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)
17:45.0 +67 20 BD+67°1034 W 10288		36 Jun 8.451 - 80.3 38 May 11.359 - 74.9 43 Jul 11.312 - 80.6			80 63 80	17:50.1 +80 19 HD 163240 W 10304		43 Jul 10.385 - 22.8 46 Jun 15.288 - 27.1 48 Sep 23.147 - 33.2			80 80 80
17:45.2 -06 01 HD 162283 W 10322		44 Aug 5.212 - 31.7 44 Aug 26.163 - 9.8 48 May 23.382 + 9.7			108 108 70	17:50.1 -18 47 HD 163245 W 10362		12 May 5.448 - 6.2 ± 5.7 12 May 26.445 - 2.6 5.7 12 Jul 5.309 + 20.2 0.1 12 Aug 6.220 - 7.1 3.1 12 Aug 19.178 + 14.4 4.9			
17:45.4 +48 25 HD 162732 88 Her W 10327		12 May 27.393 - 14.4 ± 6.7 12 Jun 6.341 - 18.6 0.1 12 Jul 4.403 - 10.8 0.2 12 Aug 18.233 - 19.0 0.3				17:50.3 -16 22 LPM 661 W 10367		39 Aug 29.205 -145.7 39 Sep 5.194 -140.8 43 Apr 17.505 -209.7 43 Jul 15.323 -218.6 43 Sep 15.167 -220.8			108 124 108 108 108
17:45.9 -26 53 HD 162437		26 Jul 2.305 - 36.0			37	17:50.7 +30 26 TW Her W 10360		32 Apr 15.498 - 7.8			124
17:46.5 +29 21 HD 162555 W 10325		25 Jun 13.374 - 14.4 25 Jul 3.300 - 13.9 25 Aug 30.170 - 12.7			36 36 36	17:51.0 +42 41 HD 163418 W 10359		15 Jul 19.362 - 0.3 2.7 15 Aug 20.291 + 0.5 3.3 15 Sep 20.155 + 2.2 4.1			
17:47.3 -06 07 HD 162714 Y Oph W 10337		See ApJ 81, 140, 1935				17:51.0 -23 55 HD 163428 W 10377		23 Aug 23.177 - 22.0 4.9 36 26 Jul 21.234 - 9.2 36 27 Jun 8.408 - 25.8 36 27 Jul 10.328 - 24.0 36 27 Sep 5.135 - 9.2 3.6 37 28 Jul 6.292 + 6.2 37			
17:47.5 +44 31 HD 162751 W 10329		28 Aug 6.231 - 18.6 4.7 36 28 Aug 14.185 + 4.8 2.9 36 38 Apr 15.505 + 2.3 38 38 May 7.430 - 2.4 38 39 Jul 4.212 + 8.4 2.6 36				17:51.2 +00 42 HD 163472 W 10375		11 Jul 6.203 - 16.2 2.1 12 Jun 29.414 - 10.0 1.8 12 Jul 29.243 - 8.6 1.8 12 Sep 1.137 - 23.4 4.1 12 Sep 23.143 - 28.0 3.2 13 Jun 20.391 - 20.4 1.8 18 Jun 21.306 - 18.6 37			
17:47.5 -07 53 HD 162756 ADS 10858A W 10339		21 Jun 13.380 -129.8 0.5 36 21 Jul 15.313 -122.4 36 21 Jul 18.317 -115.6 36 21 Aug 17.224 -126.2 36				17:51.4 +26 04 HD 163506 89 Her W 10371		24 May 14.447 - 29.2 0.3 36 26 Sep 27.115 - 39.9 36 26 Sep 27.132 - 37.5 36 27 Sep 4.196 - 28.4 36 29 Apr 21.485 - 27.4 36 30 Aug 5.183 - 30.7 36			
17:47.5 -10 52 HD 162757 W 10340		33 Apr 14.517 - 34.6 0.2 36 33 Jul 14.226 - 36.7 36 33 Aug 2.285 - 29.8 36				17:51.5 -04 04 HD 163532 W 10378		30 Jul 15.233 - 35.0 0.3 36 32 Aug 16.153 - 37.3 0.4 36 33 Oct 5.151 - 33.8 36			
17:48.4 +06 08 HD 162917 W 10349		30 Apr 11.514 - 35.2 2.5 36 30 Apr 20.472 - 44.8 0.9 36 31 May 28.327 - 25.3 0.7 36 33 Jun 1.414 - 35.8 2.1 36				17:51.6 +22 28 HD 163547 W 10374		13 Sep 17.127 - 43.3 3.8 14 Mar 12.518 - 42.8 6.2 14 Apr 12.493 - 41.1 4.5			
17:48.6 -34 13 TX Sco		23 Jun 24.351 - 21.8			37	17:51.8 +45 33 HD 163589 W 10368		28 Jul 14.300 - 32.2 37 31 May 5.471 - 35.8 0.8 36 31 Jul 27.255 - 44.8 36			
17:48.8 +40 00 HD 162989 W 10346		22 Aug 2.293 - 66.9 1.3 36 22 Aug 3.286 - 64.8 1.2 36 22 Oct 6.118 - 56.2 1.5 36 22 Oct 30.134 - 60.7 1.6 36				17:51.9 +45 13 HD 163608 W 10369		15 Jul 20.344 - 20.2 2.2 21 May 15.472 - 31.4 5.5 36 22 Aug 11.203 - 17.9 4.7 36 34 Aug 21.208 - 26.8 2.3 36 35 Aug 30.175 - 31.6 38			
17:49.2 +25 01 HD 163077 ADS 10871AB W 10350		41 Jul 7.297 + 8.4 70 43 May 11.443 + 9.9 80 43 Jun 18.351 + 0.6 36				17:51.9 +21 29 HD 163609 ADS 10904A W 10376		25 May 6.486 - 36.8 3.7 36 25 Jul 4.381 - 30.7 36 25 Aug 2.267 - 30.0 4.9 36			
17:49.7 +16 58 HD 163175 UX Her W 10357		See ApJ 86, 153, 1937									
17:49.7 -33 48 HD 320921 AI Sco W 10365		33 Jul 1.299 - 2.9 124 33 Jul 3.226 - 40.5 124 41 Sep 30.139 - 8.0 110									
17:50.0 +40 01 HD 163217 90 Her ADS 10875A W 10351		30 May 13.404 - 38.2 36 31 Apr 30.470 - 29.0 36 31 Aug 24.145 - 40.0 36									

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)
17:52.9 +04 34		16 Jun 11.390	- 92.8	± 3.4	80	17:54.3 +51 30		48 May 14.494	- 26.6		36
20C1069		16 Jun 13.392	- 93.6	1.4	80	HD 164058					
Barnard's		17 Jun 30.315	-123.2	1.6		33 γ Dra					
star		17 Aug 2.264	-111.2	3.2	80	ADS 10923A					
W 10392		19 Jul 7.312	-111.4	11.6	80	W 10394					
		39 Apr 27.497	- 95.2		108						
		39 May 9.503	-103.9		124	17:54.3 -04 48		36 Apr 11.503	- 31.3		38
		44 May 31.359	-100.0		110	HD 164064		42 May 27.410	- 32.9		36
		44 Aug 28.156	-100.0		110	W 10422		42 Aug 26.147	- 29.5		36
		44 Sep 24.135	-102.2		110						
		45 Sep 27.164	-102.3		80	17:54.7 +30 11		18 Sep 24.172	- 20.6		36
		46 Jun 10.403	-101.4		80	HD 164136		19 May 29.450	- 23.0		36
		47 Oct 9.167	- 96.6		108	94 ν Her		19 May 19.459	- 20.1		36
		48 May 24.403	- 91.3		36	W 10419					
		48 Jun 15.311	-101.7		80						
		49 Sep 13.189	-124.5		80	17:54.8 +58 14		24 Jul 23.362	- 79.5		76
		51 Apr 23.419	-104.5		80	UY Dra		25 May 8.413	- 57.9		76
		53 Apr 1.487	- 81.0		80			25 Jul 30.233	- 83.2		76
		53 Apr 24.477	- 85.9		70						
		53 Apr 25.467	- 87.3		70	17:55.0 +43 26		29 May 22.417	- 3.8	± 6.5	36
		53 Jun 28.243	- 92.0		70	HD 164212		31 Mar 11.527	- 39.3	14.8	36
		57 Oct 5.	-107.1		80	W 10417		47 Jun 26.281	+ 21.4	2.3	36
								47 Jul 4.273	+ 0.3		80
17:52.9 -22 23		43 Jun 21.347	- 20.5		36			50 Jun 1.260	- 3.7		36
HD 163799		45 Aug 24.153	- 9.7	2.8	80						
W 10406		46 Aug 12.203	- 24.6	4.0	80	17:55.2 +30 02		25 May 4.412	- 22.1	0.8	36
		47 Aug 5.196	- 11.7		80	HD 164253		25 Aug 12.224	- 19.8	1.6	36
						ADS 10955A		25 Aug 13.278	- 17.0	0.2	36
17:53.0 -13 04		43 Aug 10.174	+186.8		80	W 10427		35 Jul 11.292	- 22.9		38
HD 163810		45 Jun 25.298	+184.8		80						
ADS 10938AB		45 Aug 21.174	+190.1		80	17:55.3 +36 17		35 May 10.448	+ 13.1	0.6	38
W 10404						HD 164280		45 Apr 6.501	+ 9.6		36
						W 10423		45 Apr 29.356	+ 10.0		36
17:53.3 +78 25		42 Jun 22.335	- 26.3		36						
HD 163859		43 Jul 20.273	- 46.1		36	17:55.6 +16 46		14 Sep 2.140	- 27.1	2.3	
W 10347		45 May 28.449	- 47.3		80	HD 164349		14 Sep 6.150	- 23.0	1.5	
						93 Her		14 Sep 30.138	- 23.3	0.7	
17:53.5 +04 28		37 Jul 26.281	- 14.7		80	W 10437		16 May 17.422	- 22.3	0.3	
BD+4°3562		43 Aug 11.208	- 9.3		80						
W 10408		43 Aug 13.185	- 10.7		80	17:55.6 +02 56		30 Jul 6.287	- 0.3		3
						HD 164353					
17:53.6 +15 09		See ApJ 49, 186, 1919				67 Oph					
HD 163930						ADS 10966A					
Z Her						W 10439					
W 10403											
						17:55.6 -17 10		14 Jul 1.263	- 15.9	1.8	
17:53.7 +33 48		44 Jun 28.334	- 30.3		80	HD 164358		14 Jul 29.205	- 22.7	1.4	
HD 163947		45 May 22.416	- 25.6		80	6 Sgr		14 Aug 6.230	- 25.7	3.7	
W 10397		47 Jul 1.372	- 32.3		80	W 10445					
17:53.8 +45 01		14 Jul 11.296	- 22.3		36	17:55.8 +52 14		46 Jul 10.295	- 0.4		36
HD 163966		23 Aug 21.220	- 24.0	6.7	36	HD 164394		48 Aug 20.156	- 5.8		36
W 10390		23 Aug 22.156	- 19.3	0.7	36	ADS 10953A		48 Sep 21.139	+ 3.1		36
						W 10424					
17:53.8 +14 37		44 May 30.399	- 14.5		80						
HD 163972		45 May 5.446	- 15.6		80	17:56.1 +69 38		37 Jul 19.294	- 5.5		38
ADS 10940A		46 Apr 24.434	- 21.4		80	HD 164446		42 Aug 2.228	- 13.4		36
W 10412						W 10399		45 Apr 1.521	- 3.8		36
								45 Jul 18.221	- 6.9		36
17:53.9 +45 23		23 Jun 1.458	+ 14.0	0.3	36						
HD 163990		23 Aug 2.274	+ 22.0	0.3	36	17:56.3 -23 01		21 Apr 29.456	- 0.6		36
OP Her		23 Aug 31.165	+ 16.2	0.8	36	HD 164492		21 Jun 30.288	- 15.0		37
W 10391						ADS 10991A		21 Jul 22.232	+ 10.5		37
						W 10459		21 Sep 15.168	+ 7.8		37
17:53.9 +33 50		46 May 18.349	- 20.0		80			22 Jul 5.298	+ 8.3		37
HD 163992		46 Aug 7.233	- 29.0		80			22 Jul 7.266	+ 0.6		36
W 10398		47 Jul 1.311	- 25.5		80			22 Jul 13.281	- 21.5		36
17:54.1 -24 17		28 Aug 3.231	- 27.1	0.7	36	17:56.3 -23 01		21 Jun 30.260	+ 16.8		37
HD 164031		34 May 20.467	- 22.3		36	ADS 10991C		21 Jul 22.260	+ 27.6		37
W 10426		34 Jul 25.257	- 26.0		36	W 10458		22 Jul 5.349	- 49.1		37

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	$\frac{D}{A}$ (mm)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	$\frac{D}{A}$ (mm)
17:56.4 -22 54		20 Jul 23.281	- 7.4		37	17:58.6 -29 35		18 Apr 23.495	- 60.8	± 1.0	36
HD 164514		20 Sep 6.153	+ 0.6		37	HD 164975		18 Jul 19.264	- 35.7		36
W 10463		21 Jun 30.220	+ 2.1		37	W Sgr		18 Jul 22.255	- 35.7		36
						W 10519		18 Jul 23.237	- 43.0		36
17:56.7 +01 19		12 Jun 30.384	+ 15.2	± 2.4		17:58.8 -22 44		32 May 13.450	- 26.0		124
HD 164577		12 Jul 31.278	+ 20.1	7.8		AV Sgr		33 Jun 1.392	- 11.3		124
68 Oph		12 Sep 20.195	+ 11.6	5.5				33 Jul 4.326	- 15.0		108
ADS 10990A		13 Apr 22.449	+ 26.5	6.3				33 Jul 15.266	- 12.5		124
W 10456		13 Jun 14.375	+ 19.1	6.6				34 May 21.358	+ 75.5		124
		13 Jul 13.269	+ 1.9	4.7				34 Aug 22.234	- 6.0		124
		13 Aug 17.257	+ 25.3	4.9							
17:56.7 -24 17		20 Jul 7.288	- 4.9		36	17:59.0 +19 33		46 May 18.439	- 20.2		80
HD 164584		21 May 26.405	- 9.2		36	HD 165042		48 Jun 21.357	- 19.7		80
7 Sgr		21 Jul 24.293	- 12.7		36	W 10498					
W 10469											
17:56.8 +29 34		25 Aug 14.197	+ 5.2	0.9	36	17:59.8 -03 02		38 Sep 5.177	+ 39.8		81
HD 164595		26 May 3.416	+ 10.4	0.6	76	HD 165222		40 Jul 15.250	+ 34.5		80
W 10450		26 Jul 1.370	+ 4.4	1.7	36	W 10525		41 Mar 18.531	+ 20.3		80
								43 Jun 24.326	+ 35.1		108
17:56.8 +19 15		See ApJ 86, 363, 1937				18:00.1 +30 24		34 Sep 2.147	+ 2.7		36
HD 347827						HD 165281		36 Aug 12.211	+ 2.0		38
BL Her						W 10521		37 Jun 26.328	- 1.8		38
W 10454											
17:56.9 +72 01		13 Sep 17.147	- 3.9	2.2		18:00.4 +02 31		13 Sep 12.204	- 8.8	0.7	
HD 164613		13 Oct 11.106	- 8.1	1.3		HD 165341		17 May 3.492	- 0.9	0.9	
34 Dra		13 Nov 8.124	- 5.7	0.7		70 Oph		17 May 11.459	- 2.0	0.9	
W 10409						ADS 11046A		24 Aug 9.146	- 6.0	2.8	76
						W 10531		24 Aug 20.211	- 3.0		15
17:57.1 +45 31		15 Jun 23.336	- 14.9	7.9				24 Aug 20.251	- 15.7	3.8	76
HD 164646		15 Jul 30.250	- 5.4	1.9				24 Aug 20.289	- 3.0	3.4	76
W 10446		15 Aug 27.222	- 10.0	2.3							
17:57.2 +21 36		18 Sep 17.166	- 35.2		70	18:00.4 +02 31		11 Jul 6.253	- 19.1	1.6	
HD 164668		19 Jun 18.338	- 32.1		36	ADS 11046B		12 Aug 4.309	- 17.2		
95 Her		19 Jul 19.268	- 31.9		36	W 10532		12 Aug 31.218	- 13.8	3.3	
ADS 10993B		28 Apr 6.536	- 31.8		36			13 Jun 21.326	- 18.1	2.6	
W 10460		28 Apr 10.525	- 29.5		36			13 Jul 15.378	- 19.7		
		28 May 2.436	- 32.6		36			13 Sep 12.152	- 19.0	1.8	
								23 May 1.453	- 7.6	0.1	36
17:57.6 +30 39		27 Jun 16.348	- 31.6	6.1	36			23 May 25.435	- 9.2	1.4	36
HD 164755		27 Jun 17.323	- 27.7	2.2	36			23 Jun 24.428	- 10.8		36
W 10464		27 Jul 17.280	- 26.6	1.6	36	18:00.6 +16 55		44 Aug 30.151	- 28.3		80
						HD 165374		46 May 19.440	- 25.0		80
17:57.6 -08 11		21 Sep 14.114	- 42.1		36	W 10530		47 Apr 28.495	+ 49.6		80
HD 164764		21 Sep 15.113	- 40.0		36			48 Aug 19.146	- 41.3		80
69 τ Oph		21 Oct 19.108	- 41.8	0.6	36	18:00.7 +04 40		19 Apr 20.507	-126.3	3.9	36
ADS 11005B						HD 165401		19 May 11.486	-124.4		36
W 10479						W 10539		19 May 15.422	-119.4		36
17:57.7 -24 22		21 Mar 24.543	+ 8.0	20.6	36	18:00.7 -08 20		11 Jun 11.360	- 8.5	3.2	
HD 164794		21 Jul 24.230	- 3.7		36	HD 165402		11 Jun 17.318	- 31.3	0.3	
9 Sgr		21 Sep 16.117	+ 11.8		36	W 10545		12 Aug 4.250	- 36.8	3.5	
W 10488		35 Jul 17.280	- 1.		38			12 Aug 25.202	- 49.8	1.9	
		37 May 29.413	+ 6.3		38			12 Sep 21.151	- 53.4	1.8	
		38 Apr 21.498	- 4.4		38			17 Jul 3.301	- 24.3	2.7	
								17 Aug 10.242	- 25.4	4.7	
17:58.1 +20 50		14 May 16.382	- 13.8					17 Sep 6.161	+ 11.9		
HD 164852		14 Jul 10.286	- 7.8	3.7							
96 Her		15 May 28.467	- 21.2	0.5		18:00.8 +21 26		22 Aug 7.327	- 15.2	3.1	36
W 10475		16 Sep 10.152	- 15.8	2.7		ADS 11045A		25 Aug 1.331	+ 9.0	3.7	36
		16 Sep 11.189	- 12.9	1.1				25 Aug 31.241	- 5.8		36
								25 Sep 28.200	- 22.5	1.4	37
17:58.4 +26 22		16 May 14.457	+ 22.0	0.7				25 Oct 26.142	- 3.5		37
HD 164922		16 Jul 16.282	+ 23.4	1.1							
ADS 11003A		16 Aug 17.234	+ 24.4	1.5		18:00.9 -04 46		28 Jun 1.354	- 13.4	1.0	36
W 10484						HD 165438		28 Jun 27.340	- 21.3	0.9	36
						W 10547		28 Aug 28.156	- 20.5		36
17:58.4 +15 00		44 May 28.398	- 29.0		80						
HD 164924		44 Sep 2.156	- 27.1		80	18:01.2 +33 16		35 Aug 8.248	- 11.5		38
W 10487		46 May 18.403	- 31.4		80	HD 165504		43 May 20.432	- 6.7		36
						ADS 11047A		43 Aug 12.153	- 4.8		80
						W 10535					

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)
18:01.2 +15 34		42 Jun 27.323	+ 3.7		36	18:03.3 -15 33		24 Aug 13.196	- 21.8	± 6.2	76
HD 165626		43 May 13.399	+ 7.8		80	HD 165945		24 Sep 9.212	- 12.4	9.6	76
W 10553		45 May 25.411	+ 5.6		80	W 10588		25 Aug 1.219	- 11.7	5.7	76
								26 Jul 19.328	- 18.6		76
18:01.2 -21 27		14 Jul 10.253	- 6.3	± 1.2		18:03.6 +49 28		47 Jul 4.310	- 11.2		80
HD 165516		14 Sep 5.151	- 3.1	2.1		HD 166011		47 Aug 7.217	- 16.1		80
W 10554		15 Jun 20.401	- 8.1	1.7		W 10562		49 Aug 12.148	- 17.4		80
18:01.3 +65 57		42 Jun 25.389	- 23.8		108	18:03.6 -30 45		42 Sep 3.431	+ 3.2		36
HD 165522		42 Aug 2.295	- 17.2		36	HD 166023					
ADS 11016A		43 Jun 22.350	- 21.8		36	W 10599					
W 10506											
18:01.3 +65 57		36 Jun 11.422	- 25.0		80	18:03.7 -23 40		21 Jun 30.314	- 23.6		37
ADS 11016B		43 Jun 22.425	- 17.9		36	HD 166033					
W 10507		43 Jul 11.357	- 24.5		80						
18:01.4 -35 27		20 May 7.470	+ 22.6		36	18:04.1 -15 34		18 Jul 27.234	- 32.8	4.6	80
HD 165670		20 May 27.392	+ 14.7		36	HD 166126		18 Aug 19.211	+ 6.9	1.4	80
W 10559		20 Jun 8.349	+ 13.9		36	W Ser		21 Sep 10.161	- 10.3	0.9	37
		22 Sep 3.170	+ 56.7	2.9	36	W 10603		22 Jun 7.465	- 21.2		37
		22 Sep 28.181	+ 35.8	1.5	36			23 Sep 25.153	- 23.6	1.1	81
		22 Oct 1.180	+ 37.4	2.1	36			24 Aug 16.177	- 27.1	1.2	76
		23 May 8.453	+ 17.1	0.6	36			24 Oct 9.146	- 40.6	2.6	76
		23 May 24.455	+ 46.5	1.4	36			25 Mar 11.538	- 34.8		76
		23 Jun 22.432	+ 47.2		36			25 May 7.411	- 21.5	2.8	76
		23 Sep 27.164	+ 24.8	2.1	36			25 Jul 3.333	- 32.8		76
								25 Sep 9.158	- 24.5	0.7	76
18:01.5 +42 51		15 Jun 1.392	- 11.8	2.1				26 Jun 27.316	- 17.5		76
HD 165566		15 Jun 26.338	- 15.2	2.2				26 Jun 28.382	- 10.5		76
W 10533		15 Jul 31.208	- 12.2	2.2				26 Aug 21.184	- 34.7		76
								26 Aug 22.168	- 29.0		76
18:01.6 +21 26		21 Sep 12.265	- 4.5	3.1	36			26 Aug 23.163	- 20.5		76
HD 165590		21 Sep 14.157	+ 11.4	12.9	36			27 May 11.464	- 29.9		76
ADS 11060A		21 Sep 15.211	- 8.9	3.7	36			27 May 12.427	- 25.6		76
		25 Aug 6.240	+ 16.8	3.2	36			27 Jun 8.378	- 22.0		76
		25 Oct 27.139	+ 5.0	11.1	36			27 Jun 9.383	- 34.0		76
								27 Jun 17.399	- 20.0		76
18:01.8 +22 13		21 May 27.469	- 22.2	0.3	36			27 Oct 5.139	- 39.2		76
HD 165625		22 May 15.447	- 18.1	0.1	36			27 Oct 10.138	- 3.2		76
98 Her		22 Jun 14.306	- 13.2	1.0	36			28 Apr 26.410	- 14.4		76
W 10551		22 Sep 29.113	- 21.6		36			28 May 13.441	- 32.9		76
		22 Oct 1.140	- 19.7		36			28 May 27.410	- 27.5		76
								35 Jun 14.356	- 3.5		80
18:02.1 -17 10		29 Jun 21.347	- 27.9	0.5	36			36 May 1.410	- 1.1		80
HD 165687		29 Aug 25.175	- 35.5	0.5	36			36 Jul 30.306	+ 5.6		81
W 10563		32 Aug 16.184	- 32.2	0.9	36			36 Aug 3.188	- 27.3		81
								37 May 18.464	+ 12.5		80
18:02.6 -18 34		21 Jul 27.336	+ 20.0		37			37 Jun 17.389	- 1.2		76
HD 165782		31 Aug 26.160	+ 11.8		76			37 Jul 21.260	- 30.5		80
AX Sgr		40 Mar 17.535	+ 9.0		81			37 Aug 20.174	- 23.8		80
W 10572		41 Jul 5.312	+ 5.8		108			38 Apr 11.500	+ 3.4		80
		44 Jul 28.196	+ 24.4		36			38 May 11.469	- 12.5		63
								38 Jun 6.428	- 10.9		81
18:02.6 -21 28		26 May 4.474	- 36.2	12.1	80			38 Jun 8.438	- 15.1		81
HD 165784								38 Jun 9.365	+ 1.9		63
W 10578								38 Jun 10.326	- 30.1		63
								38 Jul 7.403	- 8.1		81
18:02.9 +15 55		45 Apr 29.418	+ 18.4		36			38 Jul 8.408	- 19.3		81
HD 165848		45 Jul 19.201	+ 19.1		36			38 Jul 10.222	- 15.0		63
W 10567		45 Sep 5.147	+ 16.5		36			38 Jul 12.318	- 18.0		80
								38 Aug 6.208	- 25.0		81
18:03.1 +58 23		42 May 5.325	- 13.5		108			38 Aug 9.167	- 27.7		63
HD 238811								38 Aug 10.278	- 31.0		80
SX Dra								38 Aug 11.253	- 29.2		80
								38 Sep 3.188	- 11.6		124
18:03.2 +30 33		17 May 12.461	+ 0.2	0.4				38 Sep 6.156	- 0.7		80
HD 165908		17 May 31.373	+ 4.0					38 Sep 7.181	- 18.0		36
99 Her		17 Jul 10.284	- 0.8					39 Apr 25.477	- 4.5		70
ADS 11077A								39 Apr 27.455	- 3.0		70
W 10568								39 Apr 28.481	+ 8.6		70
								39 May 27.420	- 1.0		81
								39 May 28.400	- 3.9		81
								39 May 29.368	- 8.6		70
								39 May 30.347	- 10.4		70

(cont)

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	σ_D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	σ_D ($\frac{\text{\AA}}{\text{mm}}$)
		39 May 31.365	- 21.5		70	18:07.0 -23 08		See ApJ 86, 363, 1937			
		39 Jun 25.406	+ 1.8		81	HD 166767					
		39 Jun 26.357	- 16.2		81	AP Sgr					
		39 Jul 6.244	+ 10.2		70	W 10657					
		39 Jul 25.315	- 19.4		70						
		39 Jul 26.274	- 24.0		70	18:07.3 +48 22		46 Jul 18.327	+ 6.7		80
		39 Jul 27.254	- 24.0		81	HD 166821		47 Jun 9.373	+ 10.2		80
		39 Jul 28.269	- 17.1		81	ADS 11130A		47 Aug 7.236	+ 6.6		80
		39 Aug 29.159	- 65.2		70	W 10630					
		39 Aug 30.149	- 24.8		81						
		39 Sep 5.141	- 8.1		81	18:07.3 +06 50		18 Jul 23.273	- 12.6	± 0.6	36
		40 Jul 13.347	- 28.9		108	BD+6°3649					
18:04.5 +43 27		30 May 13.418	- 14.0	± 1.1	36	NGC 6572					
HD 166208		30 Aug 13.229	- 18.8	0.5	36	W 10650					
W 10586		31 Jun 1.351	- 19.9	0.9	36	18:07.4 -16 12		45 Jul 26.221	+ 43.4		110
18:04.6 +36 23		20 Apr 4.524	- 5.4	0.8	36	F1 (41)		45 Jul 29.323	+ 27.2		110
HD 166229		20 Jun 1.449	- 7.0	1.9	36			45 Aug 16.184	- 2.8		110
W 10591		20 Aug 28.271	- 5.2	0.1	36	18:07.5 +79 59		22 Jul 14.283	+ 9.1	1.6	36
		20 Sep 23.148	- 8.2	0.6	80	HD 166866		23 Jul 27.313	+ 11.2	1.8	36
18:04.6 +20 01		12 Jun 28.323	- 19.1	1.8		41 Dra		24 Jun 20.274	+ 22.4	5.0	36
HD 166230		12 Jun 26.344	- 15.3	2.9		ADS 11061A		24 Jul 10.400	+ 10.9	0.4	36
101 Her		12 Aug 21.285	- 16.0	0.9		W 10550		24 Aug 12.314	+ 5.8	1.9	36
W 10597								25 Aug 6.274	+ 8.5	1.1	36
18:04.6 +03 58		21 Sep 14.129	- 29.8	12.9	36	18:07.5 +70 59		21 Sep 23.193	+ 26.8	4.5	36
HD 166233		21 Sep 15.188	- 0.8	0.5	36	HD 166865		22 Jul 14.251	+ 22.4	1.1	36
73 Oph		21 Oct 17.107	- 29.4	9.7	36	40 Dra		23 Jul 27.347	+ 11.4	1.0	36
ADS 11111AB		21 Nov 11.105	- 33.2	6.0	36	ADS 11061B		24 Jun 20.242	+ 8.3	0.1	36
W 10604		22 May 5.509	- 16.8	6.2	36	W 10549		24 Jul 10.280	+ 19.0	3.7	36
		23 Jul 25.290	- 15.6	4.0	36			24 Aug 12.304	+ 20.5	10.3	36
18:04.7 +41 42		44 May 15.454	- 19.9		80	18:08.2 +31 22		20 May 9.486	+ 0.2		36
HD 166253		46 May 20.443	- 8.8	2.0	80	HD 167006		20 Jul 3.360	+ 5.8	1.1	36
W 10589		47 Jul 4.347	- 21.6		80	104 Her		20 Jul 3.388	+ 3.4	1.7	36
		48 Jul 3.322	- 15.0		80	W 10658					
18:04.8 +03 06		19 Jun 7.451	- 17.3		36	18:08.3 +56 14		29 Jul 29.299	- 49.4	0.1	36
HD 166285		19 Jun 12.383	- 13.4	3.0	36	HD 167027		31 Jul 5.325	- 53.8	0.9	36
ADS 11113A		19 Jul 6.290	- 22.3		36	W 10642		33 Apr 15.472	- 52.3		36
W 10612						18:08.3 -21 45		29 May 2.493	- 50.7		36
18:05.2 +65 04		37 Jun 29.383	- 0.7		38	HD 167036		33 Jul 14.269	- 59.2		36
HD 166356		45 May 26.427	- 6.6		80	14 Sgr		34 Apr 28.509	- 64.3		36
W 10570		45 Jul 23.281	+ 0.3		80	W 10684		34 Aug 24.176	- 59.4		36
18:05.4 -16 44		26 Jul 19.219	- 15.8		80	18:08.4 +54 15		19 Jul 13.207	- 11.2		36
HD 166418		31 May 29.365	- 45.7		76	HD 167042		19 Jul 16.323	- 15.8		36
W 10628						W 10648		19 Aug 4.213	- 18.7		36
								20 Jun 5.401	- 12.8		36
18:05.6 +03 18		23 Jun 13.362	+ 11.6		36	18:08.5 +33 15		15 May 26.405	+ 1.6		
HD 166460		28 Aug 29.161	+ 7.3		36	HD 167063		15 Jun 25.404	- 0.9	1.4	
W 10626		29 Aug 26.157	+ 11.5		36	W 10663		15 Jul 27.308	- 0.8	2.1	
18:05.9 +43 31		15 Jun 27.383	- 22.1	0.1		18:08.7 +22 48		45 May 5.487	+ 22.1		80
HD 166516		15 Aug 28.221	- 23.6	1.2		HD 167106		46 May 18.467	+ 13.2		80
W 10613		15 Sep 17.161	- 26.1	1.2		W 10671		48 Jul 6.312	+ 16.4		80
		20 Jul 5.273	- 17.9		37						
18:06.1 -20 43		See ApJ. 86, 363, 1937				18:08.8 +31 33		44 Jul 29.236	- 18.6		80
VY Sgr						ADS 11164A		44 Aug 31.182	- 15.3		80
W 10641						W 10669		45 Aug 30.164	- 12.3		36
18:06.4 +38 28		13 Sep 15.192	- 18.9	0.8		18:09.2 -15 25		27 Aug 15.163	- 13.1	0.9	36
HD 166620		13 Oct 12.109	- 21.9	1.6		HD 167246		39 Jul 4.256	- 14.1		36
W 10624		14 May 16.457	- 12.2	1.3		W 10696		40 Apr 19.514	- 23.6	1.8	70
								49 May 10.475	- 17.3		80
18:06.5 +36 26		13 Sep 17.166	- 27.5	1.5		18:09.3 -20 25		11 Jun 15.378	- 35.0	3.1	
HD 166640		14 Apr 16.468	- 24.1	1.5		HD 167263		12 May 29.383	+ 49.9	8.9	
W 10627		14 May 7.487	- 25.8	1.5		16 Sgr		12 Aug 3.244	- 1.0	0.2	
						W 10699					

TABLE 2—Continued

R.A. (1900) Name	Decl. (1900)	Date (UT)	Vel. (km sec ⁻¹)	p.e. ($\frac{\text{\AA}}{\text{mm}}$)	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl. (1900)	Date (UT)	Vel. (km sec ⁻¹)	p.e. ($\frac{\text{\AA}}{\text{mm}}$)	D ($\frac{\text{\AA}}{\text{mm}}$)
18:09.3 -20 46		11 Jun 16.310	+ 28.2	± 3.0		18:11.8 -19 42		20 Jul 24.302	- 13.2		36
HD 167264		12 Aug 3.176	- 16.3	2.0		HD 167815					
15 Sgr		12 Aug 22.198	- 4.0	2.8		ADS 11228AB					
W 10698		17 Jul 5.327	- 10.6	0.3		W 10744					
		17 Aug 10.224	- 39.7	3.0		18:11.9 -15 28		38 May 21.457	0.0		38
		17 Sep 7.146	- 3.9	1.0		HD 167838		42 Aug 22.139	+ 3.9		36
18:09.4 +00 10		35 Jul 10.294	- 9.0		38	W 10745		42 Aug 23.134	- 3.7		36
HD 167278		45 Jun 19.384	- 10.6		36			44 Aug 31.136	- 11.3		36
ADS 11186AB		46 May 9.497	- 4.6		108			44 Sep 1.151	- 6.0		36
W 10692						18:12.5 +42 08		12 Jun 30.433	- 23.0	± 3.2	
18:09.5 -16 51		31 May 29.401	+ 47.4	30.2	76	HD 167965		12 Jul 31.318	- 10.2	6.1	
HD 167313						W 10734		12 Sep 1.221	- 16.2	0.3	
18:09.7 -18 42		26 May 29.333	- 5.4		80			12 Sep 22.252	- 26.0	2.9	
HD 167356		29 Jul 18.223	- 7.8		36			13 Jun 20.429	- 27.8	4.6	
ADS 11196A		47 Jun 25.299	+ 4.1		36			13 Jul 17.290	- 28.9	3.9	
W 10706		47 Jun 29.301	+ 4.9		36			13 Aug 18.308	- 10.8	1.6	
18:10.7 -20 34		26 Jul 2.361	- 12.3	3.9	36	18:12.7 -18 39		42 Jul 2.255	+ 33.9		36
HD 167570		26 Aug 20.244	- 20.0	4.1	36	HD 168021		42 Jul 31.216	+ 12.3		36
W 10728		27 Jun 9.430	- 12.2		36	ADS 11240AB		47 Jun 25.326	- 1.0		36
		27 Jul 11.322	- 21.8		36	W 10764		47 Jun 29.353	+ 19.5		36
18:10.9 +69 39		36 Jun 10.422	- 3.9		80	18:12.7 -18 39		42 Jul 2.301	+ 30.6		36
HD 167605		43 Jun 10.403	- 7.3		80	ADS 11240C		42 Jul 30.255	+ 20.0		36
W 10665		43 Aug 9.281	- 11.9		80	W 10765		43 Jul 12.300	+ 27.0		80
18:10.9 -36 47		21 Sep 17.132	+ 2.6	1.0	37	18:13.0 +56 34		23 Jul 6.402	- 4.4		36
HD 167618		22 Apr 10.531	+ 8.4	0.6	37	HD 168092		23 Aug 31.180	-105.9		36
n Sgr		22 May 12.474	+ 7.0	1.1	37	ADS 11213A			+101.1		
W 10737						W 10730					
18:11.0 +18 27		44 Aug 9.212	+ 12.9		108	18:13.3 +64 22		17 Aug 9.224	- 33.8	1.1	
BD+18°3606		44 Aug 29.180	+ 4.0		108	HD 168151		17 Sep 3.207	- 35.6	1.6	
W 10717						36 Dra		18 May 31.408	- 37.2	2.6	36
18:11.1 +02 22		43 Jul 12.321	+ 19.1		80	W 10727					
HD 167654		45 Jun 18.365	+ 26.5		36	18:13.6 -15 39		20 Jun 6.408	- 18.7	3.1	37
W 10726						HD 168227		20 Jul 28.251	- 19.6	0.9	37
18:11.1 -19 07		See ApJ 86, 363, 1937				W 10783					
HD 167660						18:13.7 +26 37		44 Aug 8.164	- 46.7		108
WZ Sgr						BD+26°3215		44 Aug 9.163	- 42.0		108
W 10733						W 10766					
18:11.2 +12 04		See ApJ 86, 363, 1937				18:14.0 +40 54		26 Jul 3.373	- 72.6		36
BH Oph						HD 168322		26 Sep 26.136	- 76.0	1.6	36
W 10724						W 10758		26 Nov 15.111	- 72.5		36
18:11.4 -15 26		31 May 29.458	+ 25.2		76	18:14.3 +07 13		23 May 1.493	- 5.5	2.5	36
HD 167719						HD 168387		23 Jul 3.326	- 5.0	2.9	36
18:11.4 -17 24		34 Jun 28.361	- 7.8	1.5	36	ADS 11254A		23 Jul 25.321	- 8.8	0.7	36
HD 167720		35 Jul 19.267	- 5.5		38	W 10786					
W 10739		36 May 8.469	- 6.8		38	18:14.4 -15 52		27 Apr 22.510	+ 29.9		36
18:11.6 +13 54		44 Aug 9.276	+ 7.6		108	HD 168415		27 Jul 15.271	+ 29.8		36
BD+13°3578		44 Aug 27.175	+ 15.1		108	W 10799		27 Aug 17.195	+ 33.3		36
W 10729						18:14.5 -05 00		34 Jul 29.306	- 11.5		36
18:11.6 -03 02		17 May 7.470	- 1.8	0.5		HD 168432		35 Jul 18.321	- 12.8		38
HD 167768		17 Jul 10.313	+ 1.6	1.4		ADS 11257A		37 Jun 28.339	- 8.4		38
W 10738		17 Aug 1.230	+ 1.9	2.6		W 10793					
		17 Sep 2.163	+ 11.8	2.2		18:14.5 -05 00		43 Jul 12.358	- 14.9		80
		18 May 26.449	+ 1.8	0.1	36	ADS 11257B		45 Aug 22.160	- 10.1		80
		19 Jun 18.390	- 3.4	1.5	36	W 10794		46 Sep 19.141	- 13.8		80
		19 Jul 12.313	- 3.7		36	18:14.6 -01 58		44 Sep 7.148	- 21.5		108
		20 Jul 27.213	+ 0.6		36	HD 168442		44 Sep 23.125	- 20.2		108
18:11.7 +66 07		42 Jun 21.392	- 13.9		36	W 10798		45 Aug 29.142	- 23.0		108
HD 167779		43 Jul 19.263	- 14.9		36			45 Sep 29.130	- 26.6		108
W 10689		45 May 26.448	- 14.3		80						

TABLE 2—Continued

R.A. (1900) Name	Decl. (1900)	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl. (1900)	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)
18:14.6 -29 52		30 Aug 15.206	- 17.3		36			29 Jul 14.285	+ 10.9		36
HD 168454								29 Jul 17.226	- 23.2		37
19 δ Sgr								29 Aug 13.247	+ 10.1		36
ADS 11264A								29 Aug 19.215	+ 1.6		37
W 10810								44 Jul 11.189	- 18.3		36
								44 Jul 12.327	- 15.1		36
18:14.7 -08 02		21 Aug 25.194	- 49.0		36			44 Aug 1.251	+ 8.8		36
HD 168459		21 Sep 13.215	- 50.4	± 3.7	36			44 Aug 2.300	+ 1.8		36
ADS 11262A		21 Oct 19.136	- 48.7		36			44 Aug 3.139	- 24.7		36
W 10803											
18:14.9 +10 14		43 May 13.443	- 12.2		80	18:15.8 +68 43		21 Sep 23.235	- 13.1	± 0.3	36
HD 168499		45 May 25.497	- 7.5		80	HD 168653		22 May 6.489	- 19.6	0.0	36
ADS 11260AB		45 Jun 26.244	- 10.2		80	37 Dra		23 Jul 25.364	- 7.7	0.7	36
W 10802						W 10760		24 Jun 14.437	- 9.4	1.0	36
18:15.1 +24 24		14 Apr 13.498	+ 1.1	2.0		18:15.9 -17 19		28 May 2.488	+103.9		76
HD 168532		14 May 2.453	+ 1.7			HD 168673			224.5		
105 Her		14 Jun 4.386	- 1.5	1.4		W 10827		30 Jul 14.352	+ 45.4		37
W 10795									-216.0		
								30 Aug 19.226	+ 60.2		76
18:15.3 -24 58		14 May 12.441	+ 6.0	3.7					-232.9		
HD 168574		14 Jul 8.328	+ 5.2	2.1				50 Jul 27.233	- 48.5		80
W 10821		14 Aug 31.169	- 0.4	1.0		18:16.0 +29 37		36 Jun 28.338	- 37.6		38
		15 May 28.433	- 3.0			HD 168694		45 Apr 29.475	- 35.5		36
						W 10812		45 Jul 19.156	- 34.9		36
18:15.5 -18 54		See ApJ 56, 340, 1922				18:16.0 -16 22		30 Jul 14.287	+ 21.8	1.1	37
HD 168608		21 Jul 27.167	- 1.8	0.6	36	HD 168701-2		48 Aug 19.167	+ 12.5	3.5	80
Y Sgr		22 Jul 5.278	- 16.0	0.9	36	W 10831		49 Aug 10.190	+ 23.4		80
W 10820		22 Jul 7.332	- 3.8	0.8	36			49 Sep 5.143	+ 26.6		80
		22 Jul 12.228	- 6.0	0.1	36			49 Sep 8.139	+ 27.3		80
		22 Jul 14.324	+ 0.9	1.2	36						
		22 Jul 16.266	- 18.2	1.3	36	18:16.1 +21 55		18 Sep 19.241	- 40.7	0.0	70
		22 Aug 6.225	- 8.4	1.5	36	HD 168720		50 Jun 1.288	- 42.2		36
		22 Aug 7.234	+ 1.4	2.2	36	106 Her		50 Jul 28.196	- 30.8		36
		22 Aug 8.239	- 34.7	0.7	36	W 10815					
		22 Aug 10.221	- 25.3	1.2	36						
		22 Aug 30.267	+ 13.7		37	18:16.1 -02 55		16 May 14.493	+ 13.7	1.3	
		22 Aug 31.152	- 27.1		37	HD 168723		16 Sep 19.133	+ 8.9	2.2	
		22 Sep 3.125	+ 4.5		37	58 η Ser		17 May 31.447	+ 8.1	1.3	
		22 Sep 28.131	+ 7.8	0.0	37	W 10825					
		22 Sep 29.119	- 24.8	2.4	37						
		22 Sep 30.114	- 20.0	2.4	37	18:16.6 +28 56		12 Apr 7.509	+ 0.4	4.6	
		22 Oct 1.111	- 6.3	1.3	81	HD 168812		12 May 29.348	+ 5.4	6.6	
		23 Jul 25.258	+ 22.7		36	W 10822		12 Aug 5.269	- 11.6	4.6	
		23 Jul 29.262	+ 6.2		36			12 Sep 5.249	- 22.2	2.2	
		23 Aug 1.233	- 17.5		36	18:16.6 -14 26		26 May 30.453	- 11.9		80
		23 Aug 3.285	- 2.4		36	HD 168814		30 Jul 13.354	- 35.5	7.5	80
		23 Sep 28.131	- 23.3		36	W 10844		47 Aug 5.247	- 5.9		80
		23 Oct 2.131	+ 19.2		36			47 Aug 11.234	- 8.0		80
		24 Aug 13.215	- 9.1	0.1	36	18:16.6 -15 08		28 Apr 7.499	- 26.6		76
		24 Aug 14.206	- 7.4	2.1	36	HD 168815		28 Jul 6.330	- 27.8	7.8	37
		24 Aug 15.188	- 0.2	3.5	36	ADS 11282A		47 Aug 6.230	- 24.9		80
		24 Aug 22.140	- 7.8	2.6	36	W 10841					
		24 Oct 16.145	+ 7.0	4.5	76						
		24 Oct 17.145	+ 15.8	0.8	76	18:16.6 -15 08		47 Aug 5.231	- 30.5		80
		25 Jun 30.333	- 18.0	1.5	36	ADS 11282B		47 Aug 6.258	- 26.1		80
		25 Jul 2.286	+ 0.3	2.6	36	W 10840					
		25 Jul 3.329	+ 1.8	0.8	36						
		25 Jul 4.312	+ 23.0	1.4	36	18:16.9 +27 29		21 Sep 20.149	- 15.8	3.2	36
		25 Jul 5.283	- 11.8	1.1	36	HD 168874		21 Oct 18.151	- 19.8	2.0	36
		29 Jun 15.332	+ 13.5		37	ADS 11275A		21 Nov 7.131	- 21.5	0.9	36
		29 Jun 16.288	- 2.7	0.5	37	W 10829					
		29 Jun 17.339	- 8.7		37						
		29 Jun 18.286	- 20.9		37	18:17.1 +29 48		11 Sep 5.172	- 93.8	4.7	
		29 Jun 19.277	- 9.3		37	HD 168913		11 Sep 11.149	- 62.0	4.2	
		29 Jun 19.344	- 8.3		36	108 Her		11 Oct 9.173	- 28.2	1.9	
		29 Jun 23.323	- 17.4		36	W 10835		11 Oct 10.142	+ 37.7	0.7	
		29 Jun 24.319	- 13.2		36						
		29 Jun 25.331	- 10.5		36						
		29 Jun 26.359	- 4.4		36						
		29 Jun 27.293	+ 1.2		36						
		29 Jun 27.364	+ 12.8		36						
		29 Jun 28.340	+ 9.1		36						

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)
18:17.4 -18 37		See ApJ 86, 363, 1937				18:19.7 -12 45		See ApJ 67, 179, 1928			
AY Sgr						HD 169515					
W 10856						RY Sct					
						W 10896					
18:17.6 +68 42		30 Jun 14.340 - 25.7			80	18:19.8 -01 38		34 Sep 3.140 - 6.1			36
HD 169027		47 Jun 27.288 - 23.5			36	HD 169493		42 Aug 27.186 - 18.8			36
W 10800		48 Sep 21.178 - 27.2			36	ADS 11324AB		45 Jul 19.244 - 7.4 ± 0.3			36
18:17.6 +51 18		16 May 12.434 - 13.7 ± 1.1				W 10885					
HD 169028		16 Jul 13.364 - 13.1 1.0				18:19.9 +67 23		46 Jul 15.299 - 18.0			80
W 10826		16 Sep 17.167 - 4.4 1.1				HD 169508		49 Aug 12.166 - 21.2			80
		25 Aug 4.269 - 4.3			36	W 10846		49 Sep 6.143 - 27.5			80
		25 Sep 29.145 - 13.7			36						
		33 Jun 1.330 - 13.5			36						
18:17.6 +11 23		45 Jun 25.380 - 19.1			80	18:19.9 +43 53		15 Jun 28.325 - 2.1 0.0			
ADS 11292A		45 Sep 6.155 - 10.1			80	HD 169510		15 Jul 28.285 - 4.1 1.4			
W 10848		46 Aug 8.291 - 17.3			80	W 10870		15 Sep 18.167 + 4.1 1.5			37
								20 Jul 5.351 + 3.2			
18:17.6 +11 23		46 Aug 8.201 - 36.3			80	18:20.2 +09 40		15 Jun 30.311 - 12.5 0.2			
ADS 11292B		50 May 30.431 - 50.3			80	HD 169576		15 Aug 29.221 - 16.8 2.5			
W 10849		50 Jun 30.332 - 58.7			80	W 10895		15 Sep 22.149 - 20.0 0.0			
18:18.0 +23 14		25 Aug 3.291 - 57.3			36	18:20.7 +71 28		31 Aug 24.211 - 42.3			36
HD 169110		25 Aug 6.316 - 58.0			36	HD 169666		33 Sep 13.186 - 40.3			36
W 10852		25 Aug 30.206 - 54.5			36	W 10850		34 Jun 1.375 - 40.5			36
18:18.0 +07 09		15 Jun 24.381 - 36.1 0.3				18:20.8 +07 59		14 Jun 5.403 - 4.2 0.0			
HD 169113		15 Aug 18.270 - 29.7 1.3				HD 169689		14 Jul 1.305 - 18.6 3.1			
W 10857		15 Sep 21.158 - 28.5 2.4				W 10901		14 Jul 29.238 - 37.9			
								14 Aug 31.219 - 45.8 3.3			
18:18.1 -24 18		44 May 13.484 - 40.7			110	18:21.1 +43 51		20 May 9.434 - 46.8			37
GU Sgr						HD 169746		22 Sep 5.164 - 46.6			37
18:18.3 -12 38		25 Jun 7.359 - 23.9			76	W 10891		22 Oct 7.158 - 44.4			37
HD 169170											
18:18.4 +17 46		28 Jun 28.335 - 18.6 0.4			37	18:21.1 -09 16		39 Apr 1.510 - 89.6			108
HD 169191		28 Jul 31.236 - 22.0			36	HD 169753		42 Aug 30.189 - 16.7			108
W 10862		28 Jul 31.262 - 20.2 0.7			36	RZ Sct					
		29 Apr 21.502 - 12.6 1.0			36	W 10910					
18:18.6 -16 57		38 Aug 9.234 - 22.8			63	18:21.4 +08 44		14 Jun 10.377 - 22.9			
HD 169228						HD 169822		14 Jul 6.383 - 21.5			
V355 Sgr						W 10909		14 Aug 2.281 - 23.2 4.2			
W 10872											
18:19.0 -16 51		See ApJ 86, 363, 1937				18:21.7 +08 34		14 Aug 11.307 - 30.4 2.6			
HD 169315						HD 169889		14 Sep 3.196 - 23.0			
XX Sgr						W 10914		16 Jul 16.392 - 20.4 2.6			
W 10878											
18:19.4 +21 43		17 May 31.404 - 53.0				18:22.0 +08 22		14 Sep 9.157 + 47.6 4.9			
HD 169414		17 Jul 9.293 - 53.1				HD 169957		16 May 18.450 + 40.5			
109 Her		17 Sep 13.194 - 60.7				W 10920		16 Jun 20.435 + 35.1 3.7			
W 10875											
18:19.4 -20 35		30 May 6.500 - 17.4 0.4			36	18:22.1 +29 46		13 May 26.459 + 6.9 1.3			
HD 169420		31 May 31.414 - 6.6 1.1			36	HD 169981		13 Jun 17.399 + 23.4 0.3			
21 Sgr		31 May 31.432 - 12.3 0.4			36	W 10916		13 Jul 12.411 - 10.7 1.2			
ADS 11325A								17 Jul 3.413 + 4.6 1.1			
W 10887								17 Sep 6.236 - 9.5			
								17 Sep 30.145 + 42.0			
18:19.6 -16 34		28 Jun 25.323 - 32.3			76	18:22.1 +00 08		46 Aug 11.195 - 25.2			80
HD 169457		50 Jul 26.255 - 21.1			80	HD 169985		49 Aug 11.223 - 26.1			80
ADS 11326A		50 Oct 3.134 - 30.5			80	ADS 11353B		49 Sep 7.130 - 14.6			80
W 10889						W 10924		49 Oct 11.129 - 23.1			80
18:19.6 -16 34		28 Jun 25.375 - 17.5			76	18:22.1 -17 51		11 Jun 18.391 - 30.0 3.7			
ADS 11326B		50 Jul 26.291 - 15.0			80	HD 169990		12 May 28.451 - 36.1 6.4			
W 10890						W 10930		12 Aug 19.219 - 28.3 4.8			
								12 Sep 29.119 - 36.6 5.2			
						18:22.7 +06 29		16 Jun 16.443 - 37.6 4.1			
						HD 170114		17 Aug 5.311 - 30.1			
						ADS 11366AB		17 Aug 31.160 - 34.6			
						W 10932					

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\frac{\text{\AA}}{\text{mm}}$ }	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\frac{\text{\AA}}{\text{mm}}$ }
18:22.8 +03 41		42 Jul 1.341	- 20.1		36			32 Oct 9.157	+ 31.5		36
HD 170137		45 Jun 20.354	- 20.6		36			32 Oct 11.101	+ 26.9		36
W 10934											
18:22.9 +72 41		16 Jun 22.390	+ 19.1	± 2.2		18:24.6 -01 52		42 May 23.374	- 52.6		36
HD 170153						HD 170493		43 May 17.455	- 51.1		80
44 x Dra						W 10958		45 Apr 27.503	- 54.7		80
W 10880											
18:23.5 -21 42		42 Oct 25.120	- 2.0		80	18:25.2 +43 52		15 Jun 22.450	- 2.1	± 13.4	
HD 171299		43 Jun 19.380	- 7.5		36	HD 170594		47 Aug 7.253	+ 8.7		80
W 10946		45 Sep 21.182	- 9.6		80	W 10947		47 Aug 29.212	+ 1.6		80
18:23.9 +46 00		19 Jun 16.386	- 78.9		80	18:25.3 +44 12		15 Jun 26.428	- 29.4	2.2	
HD 170357		19 Aug 17.226	- 91.4	1.1	36	HD 170615		15 Jul 25.312	- 28.1	2.7	
W 10933		19 Aug 18.229	- 85.0	0.3	36	W 10949		15 Aug 21.248	- 30.4	2.2	
		20 Jul 4.370	- 87.1		37	18:25.5 -18 58		28 Jun 1.419	- 48.6	0.2	36
18:24.1 -14 39		23 Aug 23.218	- 18.9		36	HD 170657		30 Jun 15.401	- 50.0	1.3	36
HD 170397		23 Aug 26.142	- 13.1		36	W 10974		32 Jun 15.344	- 44.6	1.1	36
W 10951		27 Jun 9.481	- 10.4		36	18:25.6 -18 28		11 Jun 16.354	- 40.4	4.6	
		27 Sep 5.141	- 20.9		36	HD 170680		11 Jul 13.291	- 44.2	3.0	
18:24.3 -18 47		30 Aug 5.226	- 4.2	0.0	36	ADS 11411A		12 Aug 26.138	- 32.3	6.3	
HD 170433		30 Sep 11.138	+ 0.3	1.9	36	W 10979		12 Sep 22.136	- 32.6	3.6	
W 10957		31 May 29.438	+ 0.6		36	18:25.7 +65 30		14 Sep 2.155	+ 30.8	0.4	
18:24.5 -02 03		16 Sep 19.109	+ 25.2			HD 170693		14 Sep 6.178	+ 25.5	2.6	
HD 170474		17 May 11.479	+ 30.0			42 Dra		14 Sep 30.164	+ 30.9	1.1	
60 Ser		18 May 2.472	+ 18.1		36	W 10941		18 Aug 23.236	+ 35.2		70
W 10953		22 Aug 8.215	+ 19.8	1.7	36			18 Sep 18.307	+ 29.3		70
		23 Aug 19.159	+ 41.6	0.3	36	18:25.7 -13 00		See ApJ 86, 363, 1937			
		29 Jun 28.387	+ 29.8	0.4	36	UZ Sct					
		29 Jul 22.281	+ 27.0	1.0	36	W 10982					
		29 Jul 23.317	+ 29.8	0.7	36	18:25.7 -13 11		See ApJ 86, 363, 1937			
		29 Jul 24.238	+ 34.7	0.8	36	X Sct					
		29 Aug 16.269	+ 24.8	0.8	36	W 10978					
		29 Aug 18.288	+ 33.7	1.0	36	18:25.9 -10 52		20 May 11.447	- 14.3	2.4	36
		29 Sep 10.196	+ 28.5	0.3	36	HD 170740		23 Aug 20.160	- 13.6		36
		29 Oct 9.188	+ 22.9	0.6	36	ADS 11414A		23 Aug 31.150	- 9.8		36
		29 Oct 10.111	+ 31.7	0.1	36	W 10985					
		29 Oct 11.111	+ 28.7	0.9	36						
		29 Oct 16.124	+ 28.4	0.3	36	18:26.0 +21 48		See ApJ 73, 364, 1931;			
		29 Nov 15.065	+ 29.5		36	HD 170756		121, 318, 1955			
		29 Nov 16.060	+ 21.4	1.2	36	AC Her					
		30 Apr 16.510	+ 22.6	0.1	36	W 10970					
		30 Jul 14.265	+ 27.0	1.1	36	18:26.0 +12 33		See ApJ 68, 51, 1928			
		30 Jul 15.315	+ 38.2	0.2	36	HD 170757					
		30 Jul 16.390	+ 25.7	0.1	36	RX Her					
		30 Aug 11.199	+ 22.2	1.1	36	W 10973					
		30 Aug 12.152	+ 24.6	1.3	36	18:26.0 -19 12		See ApJ 86, 363, 1937			
		30 Aug 13.165	+ 28.4	0.0	36	HD 170764					
		30 Aug 14.172	+ 21.5	1.1	36	U Sgr					
		30 Aug 20.170	+ 26.6	1.0	36	W 10989					
		30 Sep 7.253	+ 26.0	1.1	36	18:26.1 +08 01		15 Jun 23.390	- 19.4	0.8	
		30 Sep 8.118	+ 24.4		36	HD 170780		15 Jul 26.285	- 23.2	1.9	
		30 Sep 9.116	+ 24.1		36	W 10980		15 Aug 26.172	- 24.6	2.0	
		32 Apr 22.507	+ 23.9		36	18:26.3 +59 29		17 Sep 3.238	- 8.2	1.3	
		32 May 23.371	+ 29.2		36	HD 170811		18 Aug 23.196	- 9.8	0.0	70
		32 May 24.443	+ 26.9		36	W 10952		20 Jun 5.465	- 9.1		36
		32 May 25.455	+ 22.0		36	18:27.1 -14 56		27 May 10.475	- 0.2	0.4	36
		32 May 26.437	+ 28.0		36	HD 170975		27 Jul 11.373	- 0.2	0.4	36
		32 Jul 16.280	+ 28.7		36	W 10998		31 May 27.361	+ 2.8	2.1	36
		32 Jul 16.405	+ 28.2		36	18:27.8 -24 06		27 May 13.470	- 14.5		36
		32 Jul 16.421	+ 35.4		36	HD 171115		27 Aug 19.188	- 16.1		36
		32 Jul 16.437	+ 31.7		36	24 Sgr		27 Sep 12.140	- 10.5		36
		32 Aug 17.143	+ 30.1		36	W 11014					
		32 Aug 17.310	+ 31.9		36						
		32 Aug 20.327	+ 31.8		36						
		32 Sep 9.168	+ 29.4		36						
		32 Sep 10.115	+ 29.8		36						
		32 Sep 11.118	+ 25.9		36						
		32 Sep 12.117	+ 34.4		36						
		32 Sep 13.109	+ 29.9		36						

TABLE 2—Continued

R.A. (1900) Name	Decl. (1900)	Date (UT)	Vel. (km sec ⁻¹)	p.e.	σ_D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl. (1900)	Date (UT)	Vel. (km sec ⁻¹)	p.e.	σ_D ($\frac{\text{\AA}}{\text{mm}}$)
18:27.9 -11 42 BD-11°4672 W 11012		37 Aug 18.236 43 Aug 12.190 43 Sep 19.165	- 84.2 - 82.5 - 83.0		80 80 80	18:31.4 +23 31 HD 171745 ADS 11479AB W 11062		26 Sep 29.118 28 May 3.419 28 May 4.493 30 Sep 7.194	+ 16.6 + 19.8 + 12.3 + 8.3	± 0.4 0.6 0.4	36 36 36 36
18:28.5 -24 18 HD 171237 25 Sgr W 11022		26 Apr 25.496 32 Sep 15.142 32 Sep 16.149	+ 11.2 + 9.6 + 7.8	± 0.6 2.6 0.6	36 36 36	18:31.4 +16 54 HD 171746 ADS 11483A W 11064		34 Jun 23.441 34 Jul 30.388 35 Jun 22.405	+ 6.1 + 11.7 + 7.9		36 36 38
18:28.6 +44 56 HD 171242 W 11005		43 Jun 20.360 44 Sep 6.177 44 Sep 8.123	- 4.2 - 8.2 + 0.2		36 80 80	18:31.4 +16 54 ADS 11483B W 11065		34 Jun 23.390 34 Jul 30.347 35 Jun 22.348	+ 2.3 + 1.5 + 0.9		36 36 38
18:28.6 +23 33 HD 171245 W 11011		17 May 5.467 17 May 6.486 17 Jun 5.441 17 Jul 9.356	- 0.8 - 7.2 - 1.8 - 5.6	1.5 1.5 1.6 0.9		18:31.6 +65 18 BD+65°1277		17 Aug 31.229 20 May 29.441 21 Jun 24.453 21 Aug 19.313 23 Apr 28.474	- 21.9 - 36.2 - 8.3 + 9.7 - 39.8	6.3 14.2 5.6 5.2 1.6	80 80 80 80 80
18:29.0 +30 29 HD 171301 ADS 11446A W 11016		12 Jun 28.379 12 Jul 31.369 12 Sep 23.252 13 Jun 20.463 13 Aug 21.253	- 14.5 - 9.0 - 11.5 - 10.6 - 11.9	1.5 2.9 2.7 1.2 1.8		18:31.6 +52 16 HD 171779 ADS 11468AB W 11046		14 Jul 4.271 14 Aug 12.226 14 Sep 4.198	- 14.8 - 21.1 - 23.8	2.5 2.8 1.0	
18:29.1 +22 15 HD 171314 W 11020		43 Sep 20.141 45 Jul 31.272 45 Aug 25.144	+ 39.0 + 33.4 + 38.6	7.0	80 80 80	18:31.7 +09 03 HD 171802 W 11070		33 Aug 11.263 50 Jun 1.312	- 22.4 - 24.3		36 36
18:29.5 -19 21 HD 171394 W 11038		44 May 4.494 46 May 8.467 48 Jul 5.296	- 22.6 - 23.3 - 25.6		80 80 80	18:31.8 +46 05 SZ Lyr W 11054		See ApJ 96, 344, 1942			
18:29.6 -29 47 HD 171416		33 Aug 10.244	- 51.5		36	18:31.8 +06 36 HD 171834 ADS 11496A W 11071		18 May 26.488 18 May 27.427 18 Jun 22.472 20 Aug 2.255 20 Oct 4.137 20 Oct 26.104	- 21.8 - 15.3 - 22.5 - 23.6 - 46.5 - 30.0	5.5 0.9 4.7 3.5	36 36 36 36 36 36
18:30.2 +31 32 CC Lyr		35 May 10.483 35 May 23.503 35 Jun 11.470 35 Jun 14.247 35 Jun 22.486	- 38.1 - 27.6 - 29.4 - 67.1 - 23.1		124 124 124 108 81	18:32.1 -17 19 HD 171893 W 11081		33 May 5.445 34 May 30.440 37 Jun 26.365 47 Jun 2.422	- 10.7 - 9.9 + 1.3 - 1.7	2.0	36 36 38 36
18:30.5 +34 22 HD 171568 W 11032		28 May 1.403 47 Jul 28.188 47 Aug 7.290 48 Jun 21.392	+ 1.4 + 12.0 + 3.2 - 2.8	1.3	36 80 80 80	18:32.2 +51 43 HD 171911 W 11058		46 Jun 14.444 48 Sep 24.156 49 Aug 9.270	- 89.1 - 85.8 - 83.0		80 80 80
18:30.6 +04 51 HD 171586 ADS 11477A W 11051		23 May 24.494 23 Aug 20.187 23 Sep 25.164	- 9.6 - 13.0 - 10.0	0.8 1.6 1.9	36 36 36	18:32.5 -00 24 HD 171978 W 11082		11 Jul 10.274 12 Jul 27.315 12 Aug 22.243 12 Sep 23.197	+ 15.3 + 6.6 + 18.6 + 14.0	1.3 1.8 3.5 0.9	
18:30.8 +34 20 HD 171620 W 11042		30 Jun 12.416 47 Aug 7.272 48 Jun 21.424	- 35.6 - 30.2 - 32.5		80 80 80	18:32.6 -08 27 Y Sct W 11087		See ApJ 86, 363, 1937			
18:30.9 +56 58 HD 171635 45 Dra W 11025		13 May 21.455 13 Jun 11.475 13 Jun 14.408 32 Mar 17.510 32 Mar 17.513 32 Apr 17.530 32 Apr 17.538 32 Jul 26.145 32 Jul 26.146 32 Aug 23.135 32 Aug 23.136 32 Sep 13.108 32 Sep 14.111	- 8.5 - 11.1 - 9.8 - 12.3 - 20.6 - 13.4 - 15.1 - 27.9 - 13.0 - 3.7 - 6.5 - 11.4 - 15.0	0.8 0.8 0.5 6.8 6.8 6.8 6.8 1.4 1.4 0.6 1.9	76 76 80 80 76 76 76 76 76 76 76 80	18:32.7 +45 39 BD+45°2743 W 11067		26 Aug 14.306 30 Aug 19.319 31 May 30.450	- 21.0 - 17.5 - 43.1	1.9	76 76 76
18:31.2 +51 39 HD 234677 W 11044		46 Jun 14.403 48 Aug 19.202 49 Jul 4.351	- 29.7 - 18.0 - 24.0		80 80 80	18:32.9 +33 23 HD 172044 ADS 11504A W 11077		11 May 12.422 11 May 19.444 11 Jul 14.307 11 Jul 18.286 12 Aug 25.265 12 Sep 25.188 17 Sep 9.200	- 33.1 - 19.5 - 24.5 - 24.8 - 35.8 - 29.2 - 30.0	1.1 3.1 4.5 1.3 1.1 2.0 2.1	
						18:32.9 -21 08 HD 172051 W 11091		34 Apr 27.503 35 Jun 23.359 42 May 28.424	+ 35.2 + 34.9 + 35.3		36 38 36

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)
18:33.1 +24 21		28 Aug 5.354	- 18.7		76	18:36.0 +24 36		23 Jun 25.385	- 33.5	± 3.0	36
HD 172085		29 Jul 18.377	- 37.1	± 0.6	36	HD 172586		23 Jul 5.305	- 35.8	1.1	36
W 11083		30 Jun 13.357	- 41.9	3.4	80	ADS 11560A		23 Jul 26.338	- 26.8	1.3	36
		31 May 28.419	- 35.8	0.0	36	W 11121					
		31 Sep 28.140	- 45.4	0.5	36						
		32 Jun 15.464	- 33.8	0.7	36	18:36.2 -01 12		See ApJ 86, 363, 1937			
18:33.1 -03 17		19 May 15.486	- 11.7	4.8	36	AA Ser					
HD 173088		19 Jul 17.345	- 23.4		36	W 11130					
ADS 11520AB		20 May 31.411	- 17.6	1.1	36	18:36.3 +00 28		39 Jun 1.419	+ 15.1		70
W 11090		20 Aug 4.268	- 29.6	1.9	36	HD 172651		39 Jul 8.307	+ 3.8	1.4	70
		21 May 26.466	- 20.4	1.7	36	W 11133		40 May 17.475	+ 15.8	0.4	70
		21 Jul 21.301	- 24.0		36			48 Sep 22.162	+ 17.6		80
		21 Aug 18.233	- 26.4		36						
		21 Aug 21.197	- 23.9		15	18:36.4 +66 49		42 Sep 29.162	- 5.6		80
18:33.6 +38 41		16 Apr 13.514	- 15.9	1.1		HD 172669		45 May 28.479	- 9.6		80
HD 172167		17 Nov 3.181	- 9.6			W 11097		45 Jul 23.298	- 2.1		80
3 α Lyr		30 May 10.382	- 13.6		3	18:36.6 +55 09		33 Jun 9.435	- 8.6		36
ADS 11510A						HD 172711		34 Jun 3.441	- 18.3		36
W 11085						W 11116		34 Jul 24.310	- 13.0		36
18:34.2 +43 52		26 May 26.465	- 18.5			18:36.6 +52 14		26 Jun 2.444	- 7.3	13.0	36
Y Lyr		48 Aug 28.344	- 99.5		220	HD 172712		26 Jun 26.454	+ 71.7	1.5	36
W 11089						ADS 11558A		26 Aug 27.244	- 6.6	2.1	36
						W 11117		34 Aug 20.285	+ 26.6		36
18:34.2 +20 32		34 Jul 28.344	+ 31.3	0.1	76	18:36.6 +52 14		24 Jul 13.364	+ 10.4	1.1	36
BD+20°3876		47 Aug 27.212	+ 28.5		80	HD 172713		26 Jun 2.484	+ 19.3	0.1	36
W 11099		48 Jun 24.367	+ 25.7		80	ADS 11558B		26 Jun 26.392	+ 17.4	9.0	36
						W 11118		26 Aug 27.189	+ 24.2	4.8	36
18:34.4 +28 51		21 Aug 15.309	+ 29.8		37	18:36.6 -04 12		See ApJ 86, 363, 1937			
HD 172310		21 Sep 17.194	+ 30.1		37	HD 172730					
W 11095		21 Oct 9.146	+ 25.3		37	RU Sct					
18:34.5 +63 37		19 Jul 13.455	- 11.1		36	W 11137					
HD 172323		19 Aug 5.265	- 20.2	6.2	36	18:36.8 -04 23		See ApJ 86, 363, 1937			
ADS 11503A		19 Aug 14.264	- 17.0	2.1	36	TY Sct					
W 11078		20 Jul 27.284	- 6.1		36	W 11140					
		20 Sep 2.236	- 1.6	0.7	36						
		21 Jul 19.338	- 5.5		36	18:37.1 +06 43		20 Jun 7.285	- 51.3		37
		21 Jul 25.382	- 15.0		36	HD 172804					
18:34.5 +00 03		37 Jun 16.383	- 15.5		80	V679 Oph					
HD 172327		39 May 8.486	- 11.1		70	W 11142					
W 11108		40 Jun 21.382	- 10.1		36						
18:34.6 +77 28		13 Sep 17.190	+ 5.2	2.8		18:37.2 +31 27		16 Aug 13.208	+ 30.0	3.6	
HD 172340		13 Oct 11.165	+ 0.3	1.3		ADS 11576A		17 Jun 7.455	+ 29.6	0.4	
W 11030		13 Nov 15.108	- 0.5	1.6		W 11135		17 Jul 2.380	+ 42.2	3.7	
18:34.6 -07 53		35 May 21.444	- 22.3		38	18:37.2 +00 03		39 Sep 3.151	+ 14.2		70
HD 172348		36 Aug 11.232	- 20.7		38	HD 172829		40 May 24.365	+ 26.2		80
ADS 11552A		42 Jul 31.254	- 25.8		36	W 11145		40 May 25.412	+ 14.7		80
W 11113								42 Sep 2.164	+ 20.5		80
18:34.8 +39 35		See ApJ 96, 344, 1942				18:37.4 +28 38		See ApJ 86, 363, 1937			
HD 172380						CN Lyr					
XY Lyr						W 11138					
W 11100						18:37.6 -05 55		See ApJ 86, 363, 1937			
18:34.9 +42 35		43 Jul 19.321	+ 30.0		36	HD 172902					
HD 172393		44 Jul 30.246	+ 34.3		80	Z Sct					
W 11101		45 Jun 24.355	+ 33.1		80	W 11149					
18:35.4 -08 49		30 Jun 11.397	+ 67.5		80	18:38.3 -07 50		See ApJ 86, 363, 1937			
HD 172488		30 Jun 12.337	+ 35.2	6.1	80	HD 173058					
W 11122		50 Jun 1.349	+ 46.2		36	SS Sct					
						W 11162					
18:35.7 -23 56		23 Aug 23.242	- 0.7	4.0	36	18:38.5 +67 02		42 Oct 26.125	- 43.2		80
HD 172546		25 Aug 5.267	- 5.2	2.0	36	HD 173084		43 Jul 18.319	- 44.9		36
26 Sgr		27 Aug 8.283	+ 8.6	3.2	36	ADS 11568AB		45 Jul 23.321	- 41.0		80
W 11131						W 11127					

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	
18:38.8 -00 19		31 Aug 21.221	- 44.8	± 11.7	36	18:41.2 -10 14		14 Apr 14.490	+ 9.6	± 0.5		
HD 173160		39 Jun 2.421	- 12.0		36	HD 173638		14 May 6.479	+ 10.5			
ADS 11614AB		40 Jul 24.273	- 29.9		36	ADS 11670A		14 Jun 4.415	+ 9.8	0.6		
W 11167		47 Jul 2.320	- 9.3		80	W 11221						
18:39.3 -20 45		See ApJ 86, 363, 1937					18:41.3 +37 30		11 Sep 5.213	- 22.4	0.3	
HD 173297						HD 173648		11 Sep 11.181	- 54.9	2.4		
V 350 Sgr						6 ϵ Lyr						
W 11186						ADS 11203						
						W 11203						
18:39.8 +01 57		12 Jun 24.414	- 1.6	2.7		18:41.3 +12 14		See ApJ 86, 363, 1937				
HD 173370		12 Aug 26.221	- 3.2	1.0		HD 229414						
4 Aql		12 Sep 20.235	- 0.1	6.7		BB Her						
W 11185						W 11213						
18:39.8 -00 29		40 Jul 24.301	- 25.6		36	18:41.3 -01 03		11 May 18.451	+ 17.0	2.2		
HD 173371		41 May 5.448	- 16.0		36	HD 173654		11 Jul 6.306	- 9.1	2.6		
W 11187		42 Apr 30.508	- 15.4		36	5 Aql		12 Jul 28.327	+ 27.2	2.0		
		42 Jun 4.402	- 15.9		36	ADS 11667A		12 Aug 26.253	+ 27.7	1.6		
18:39.9 +32 42		23 Jun 23.408	-291.9	4.9	37	W 11218		17 Jul 4.271	+ 25.4	3.2		
RZ Lyr		23 Jul 22.378	-161.2	8.8	76			17 Sep 7.256	+ 16.5			
W 11176		23 Aug 29.255	-227.1		76			17 Sep 28.151	+ 29.3			
		24 Aug 14.318	-289.5		76							
18:40.0 +62 39		36 Sep 6.151	- 25.6		38	18:41.4 +44 47		25 Aug 10.289	- 35.8	3.3	36	
HD 173398		42 Aug 28.217	- 22.5		36	HD 173666		25 Aug 14.270	- 35.2	1.2	36	
W 11154		45 Jul 18.266	- 25.6		36	W 11200		27 Jul 17.369	- 34.6	1.1	36	
18:40.0 +44 50		26 Jul 2.444	- 35.6		36	18:41.4 +20 27		15 Sep 24.134	+ 17.7	2.2		
HD 173399		29 Jun 23.387	- 40.4	0.7	36	HD 173667		16 May 17.450	+ 22.6	1.0		
ADS 11616A		29 Sep 24.177	- 31.2		36	110 Her		17 Jun 11.394	+ 21.4	1.8		
W 11168		31 Mar 30.509	- 34.0	0.3	36	ADS 11658A						
						W 11212						
18:40.0 -31 28		21 Jun 14.427	- 73.5	3.8	81	18:41.8 +59 29		14 Aug 10.308	- 3.0	7.6		
HD 173409		22 Aug 7.215	- 53.6	2.3	81	HD 173739		16 Aug 7.350	+ 10.5	3.0		
W 11207						ADS 11632A		16 Sep 13.241	- 6.2	1.8		
18:40.1 +31 50		26 Jul 3.326	- 2.8		36	W 11183		17 Aug 3.394	+ 6.3	16.2		
HD 173417		28 May 4.518	- 1.5		36			18 Jul 28.242	+ 5.4	1.4	80	
W 11179		28 May 27.429	- 11.6	0.4	36	18:41.8 +59 29		20 Jun 4.405	+ 2.5		37	
		28 Sep 2.141	+ 3.8		36	HD 173740		20 Jul 24.376	+ 14.6	0.4	37	
		29 Apr 21.520	+ 0.4	9.0	36	ADS 11632B		21 Aug 21.271	+ 4.2	6.3	81	
18:40.1 -19 43		47 Jun 6.400	- 34.2	3.4	80	W 11184		24 Sep 12.238	+ 27.8	16.4	76	
HD 173425		49 Aug 10.227	- 44.6	2.0	80			24 Oct 14.177	+ 33.4		76	
W 11204		49 Sep 5.185	- 43.9		80	18:42.0 +26 34		14 Sep 2.183	- 20.1	0.3		
		49 Oct 10.120	- 33.1	1.6	80	HD 173780		14 Sep 6.163	- 18.8	2.2		
						W 11222		14 Sep 30.149	- 12.0	1.9		
18:40.3 -22 30		27 Jul 15.339	+ 1.3	0.1	36	18:42.0 -04 52		See ApJ 86, 363, 1937				
HD 173460		27 Jul 16.336	+ 1.8	0.8	36	BW Sct						
28 Sgr		27 Sep 11.138	- 7.1	2.2	36	W 11227						
ADS 11652A		27 Sep 11.176	- 4.6	0.2	36	18:42.1 -05 49		21 Apr 18.484	+ 20.2	0.6	36	
W 11208						HD 173819		21 May 25.496	+ 42.6	0.2	37	
18:40.6 -00 23		40 Jul 23.300	- 13.2	1.8	36	R Sct		21 Jun 12.430	+ 43.3		36	
HD 173514		40 Sep 15.147	- 3.8		36	W 11230		21 Jul 15.380	+ 36.8		36	
W 11206		41 Jul 2.348	- 16.5		36			21 Aug 12.252	+ 49.6		36	
18:40.9 +07 07		20 Aug 4.335	- 19.0		81			21 Sep 11.149	+ 50.4		36	
RZ Oph		20 Aug 5.350	- 24.0	2.8	81			21 Oct 12.116	+ 48.2		36	
W 11209		21 Jul 13.314	- 21.7		81			21 Nov 8.124	+ 34.0	0.1	36	
		21 Jul 17.392	- 9.1		37			22 Aug 4.259	+ 33.4		36	
		21 Jul 19.338	- 0.4	0.3	37			22 Sep 1.191	+ 32.0		36	
		31 Apr 29.483	- 1.9		76			22 Sep 29.146	+ 55.9		36	
		42 May 23.422	- 30.9		110			22 Oct 5.135	+ 42.1		36	
18:41.0 +39 34		13 Sep 15.228	- 40.3	4.9		18:42.2 -20 14		See ApJ 86, 363, 1937				
HD 173583		13 Oct 12.141	- 30.3	0.8		V377 Sgr						
4 ϵ Lyr		13 Nov 11.110	- 37.4	6.4		W 11235						
ADS 11635B												
W 11193												

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e. (^o)	D (mm)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e. (^o)	D (mm)
18:42.6 +18 04		11 Sep 7.202	- 43.8	± 0.8		18:44.1 -10 30		20 Jul 26.274	+ 25.8		37
HD 173880		11 Sep 13.165	- 36.4	0.4		RT Sct		20 Jul 27.212	+ 39.4	± 1.7	81
111 Her		12 Sep 1.304	- 36.8	2.2				21 Jun 10.413	+ 34.4		81
W 11228								21 Aug 20.291	+ 38.8		81
18:43.1 +60 56		13 Sep 17.218	- 28.4	1.2		18:44.4 +16 09		24 May 16.481	- 56.4	1.4	76
HD 173949		13 Nov 16.123	- 23.2	1.9		HD 174224		24 Jul 17.343	- 65.8	2.1	36
ADS 11661A		14 May 14.376	- 15.5	1.6		ADS 11711A		25 Aug 7.231	- 63.1		37
W 11214		14 Jul 11.347	- 26.8	1.6		W 11258					
		14 Sep 2.266	- 25.8	3.1		18:44.4 +16 09		25 Aug 7.332	+ 30.6	6.8	76
18:43.4 +31 17		46 Jun 19.359	- 20.7		36	ADS 11711BC		50 May 31.394	+ 26.7		80
HD 174022		47 Sep 29.139	- 25.5		80	W 11259		50 Jun 29.368	+ 9.8	0.5	80
ADS 11685A		48 Aug 18.168	- 19.5		36	18:44.5 +17 20		23 Jul 26.294	- 12.5	0.1	76
W 11238						HD 229590		24 Jun 20.454	- 22.6	7.9	76
18:43.6 +00 25		22 Jun 3.435	+ 34.3		37	W 11257		24 Jul 11.415	- 16.9	0.5	76
HD 174066		47 Jul 2.355	+ 39.3		80			24 Sep 6.275	- 12.7	6.2	76
W 11249		47 Jul 6.280	+ 32.1		80	18:44.7 -32 22		42 Sep 3.194	-141.2e		110
18:43.7 +10 39		14 Jul 7.394	- 16.2	0.8		V383 Sgr		42 Oct 3.139	+ 10.0e		220
HD 174080		14 Aug 6.310	- 20.6	0.3		18:44.8 -22 17		31 Sep 22.147	- 31.3		36
ADS 11696A		14 Sep 1.234	- 15.4	0.6		HD 174309		34 Sep 26.130	- 37.4		36
W 11248						30 Sgr		42 Aug 26.183	- 38.9		36
18:43.7 -16 50		See ApJ 86, 363, 1937				ADS 11731A					
HD 174089						W 11284					
YZ Sgr						18:44.9 -04 29		See ApJ 86, 363, 1937			
W 11256						BX Sct					
18:43.7 -23 56		39 May 9.448	+ 40.6		124	W 11278					
20C1108		41 Aug 14.255	- 7.7		185	18:45.0 +49 19		See ApJ 53, 201, 1921			
W 11260		41 Sep 12.191	- 11.3		220	HD 174343					
		43 Jun 24.361	- 3.2		108	ADS 11698					
		43 Aug 22.240	- 0.1		110	W 11251					
		43 Sep 11.161	- 7.9		110	18:45.1 +02 58		44 Aug 7.267	- 1.0		108
18:43.8 +00 28		27 May 27.431	+ 23.0			20C1111		44 Sep 23.163	+ 8.8		108
V603 Aql		27 Sep 27.185	- 10.0			W 11279					
18:43.8 -20 26		33 Jun 11.386	- 23.2	0.4	36	18:45.1 -20 25		See ApJ 86, 363, 1937			
HD 174116		47 Aug 30.156	- 15.9		36	HD 174383					
29 Sgr		47 Oct 2.113	- 7.7		36	BB Sgr					
ADS 11713A		49 Aug 11.236	- 14.4		80	W 11290					
W 11261						18:45.2 -20 25		28 Jun 26.347	- 5.0	2.4	76
18:44.0 +35 52		48 May 25.430	-179.4		108	HD 174403		29 Jul 25.188	+ 12.4	4.5	76
Companion to		48 May 27.469	-173.6		110	W 11291		31 Mar 27.524	+ 37.4	8.8	76
EZ Lyr		48 Sep 26.211	-183.4		110			47 Aug 5.266	+ 3.9		80
W 11244						18:45.4 +34 25		42 Jun 29.340	- 12.1		36
18:44.0 -10 30		19 Jun 14.422	- 56.8	3.8	80	HD 174433		46 May 18.494	- 8.2		80
HD 174142		20 May 28.476	- 57.2	2.0	80	W 11272		46 Aug 7.264	- 18.6	2.4	80
W 11264		20 May 30.469	- 45.8	7.3	80	18:45.5 -09 53		35 May 11.482	- 17.1		38
		21 Jun 12.365	- 54.4	0.1	36	HD 174464		35 May 21.479	- 17.1		38
		21 Jul 21.361	- 56.0	3.6	36	W 11293		36 May 12.493	- 27.6	2.4	38
		35 Jul 16.399	- 48.1	0.3	38			45 Jul 19.273	- 13.2		36
		39 Jul 5.350	- 42.6	1.9	36	18:45.7 +45 09		25 May 4.480	- 13.2	3.6	36
		39 Aug 31.203	- 47.8	0.7	36	HD 174504		26 May 31.444	- 18.9	1.8	36
		47 Sep 7.166	- 45.7		10	W 11270		28 May 14.426	- 14.4	1.6	36
		47 Sep 8.163	- 44.6		36						
		47 Sep 9.157	- 46.3		36						
18:44.1 +64 42		45 May 26.474	+ 43.7		80						
HD 174156		45 Oct 18.124	+ 49.4		80						
W 11224		46 Jul 15.323	+ 46.6		80						
18:44.1 +35 53		48 Jun 12.340	- 63.2		110						
EZ Lyr											
W 11243											

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)
18:45.7 -06 23		22 Aug 30.184	+ 60.3	± 0.2	37	18:48.3 +03 15		24 May 18.456	- 27.7	±12.9	76
HD 174512		22 Aug 31.205	+ 66.9	6.1	37	HD 175018		49 Sep 9.135	- 21.0	1.5	80
ADS 11752A		23 May 27.463	+ 35.8	1.0	37	ADS 11790A		49 Oct 11.151	- 25.4		80
W 11305		28 Jul 6.368	- 83.6		37	W 11341					
			+ 77.4		37						
		28 Jul 7.310	- 81.8		37	18:48.5 +45 00		28 Jun 15.410	- 4.0		36
			+ 77.2		37	HD 175055		28 Aug 14.256	- 73.2	7.5	36
		28 Jul 8.297	+ 73.7		36	W 11329		30 Aug 4.252	+ 6.1	12.4	36
		28 Aug 28.210	+ 24.6		37			42 Sep 1.131	- 18.6		36
			- 98.6		37			45 Jul 21.227	- 21.4		36
		28 Aug 29.219	+ 35.9		37						
			-130.7		37	18:48.9 +48 48		45 Jul 25.350	- 42.0e		108
18:46.0 +15 49		See ApJ 86, 363, 1937				TU Dra					
HD 229680						W 11333					
AP Her											
W 11292						18:49.0 -15 43		11 Jun 17.374	- 5.4	1.3	
						HD 175156		11 Jul 10.311	- 8.4	0.1	
						W 11350		12 Aug 26.164	- 4.3	2.2	
18:46.1 +32 42		11 May 21.446	- 21.2	0.0							
HD 174585		11 May 22.451	- 14.1	2.4		18:49.3 +52 50		19 Jun 9.466	+ 5.8		36
8 Lyr		12 Aug 21.335	- 10.9	0.8		HD 175225		19 Sep 6.145	+ 2.0		36
ADS 11732A		12 Sep 1.267	- 18.1	8.4		W 11337		19 Sep 6.170	+ 0.7		36
W 11285		12 Sep 24.155	- 20.7	6.3							
		13 Aug 22.292	- 15.5	0.6		18:49.7 +74 37		36 Jun 29.364	-192.9	1.8	38
						HD 175305		37 May 19.467	-182.4		38
18:46.1 -03 26		21 Sep 22.118	+ 10.3	1.4	36	W 11307		38 May 11.412	-173.1	1.6	63
HD 174589		22 Jul 12.288	+ 17.4	0.3	36			48 Sep 24.176	-176.3		80
8 Aql		22 Aug 11.259	+ 9.2	3.0	36						
W 11314						18:49.7 +59 16		16 Sep 17.194	- 14.9		
						HD 175306		17 Jul 8.332	- 28.4		
18:46.2 +45 11		23 Sep 21.188	+ 14.0		37	47 o Dra		17 Jul 31.356	- 35.5		
HD 174600		40 May 23.460	+ 12.5		80	ADS 11779A					
W 11282		40 May 24.415	+ 12.0		80	W 11338					
18:46.5 +33 14		20 Mar 30.527	+ 2.6		36	18:49.7 -16 30		29 Sep 24.127	- 44.5	2.4	36
HD 174664		20 Jun 27.283	- 43.3		36	HD 175317		31 Sep 24.113	- 38.4	0.4	36
β Lyr		23 Aug 31.271	+ 6.5		36	W 11365		32 Sep 23.163	- 44.0	0.2	36
ADS 11745B											
W 11295						18:50.1 +40 52		46 May 20.485	+ 12.5		80
						HD 175404		49 Aug 9.293	+ 7.2		80
18:47.6 +16 29		44 Sep 8.191	- 6.9		108	W 11347		49 Aug 12.188	+ 9.0		80
Ross 160		44 Sep 23.215	- 15.7		108						
W 11326						18:50.2 +36 51		11 Aug 8.299	0.0	0.1	
						HD 175426		11 Aug 14.177	+ 3.5	3.4	
18:47.7 +86 35		43 Jul 10.416	- 35.7		80	11 o Lyr		11 Aug 18.164	+ 5.0	0.2	
HD 174878		49 Aug 12.293	- 31.2		80	W 11352		11 Oct 7.164	- 20.5	1.4	
W 11026		49 Sep 6.254	- 40.4		80						
						18:50.2 -23 05		45 Jun 22.267	+ 14.8		36
18:47.8 +14 25		46 Jul 12.284	+ 12.0		36	HD 175443		45 Jul 20.273	+ 14.9		36
HD 174897		48 Aug 18.215	+ 11.8		36	W 11361		45 Sep 7.127	+ 17.4		36
ADS 11773A		48 Sep 20.138	+ 9.7		36						
W 11330						18:50.4 +42 45		26 Sep 28.151	- 12.0	1.1	36
						HD 175466		28 Jun 5.422	- 13.2		36
18:47.9 +38 31		45 Jun 22.312	- 11.4		36	W 11351		28 Jun 27.412	- 20.8	0.0	36
HD 174912		45 Sep 2.160	- 14.5		36						
W 11325		45 Sep 18.138	- 15.8		36	18:50.6 +06 30		25 Jul 6.229	+ 21.0	0.6	36
						HD 175515		28 May 27.480	+ 24.6		36
18:48.0 +21 18		12 Jun 28.426	- 35.4	2.7		W 11372		28 May 28.424	+ 23.5	0.2	36
HD 174933		12 Aug 3.317	- 10.1	0.8							
112 Her		12 Aug 27.150	- 12.0	1.9		18:50.7 +04 08		42 May 24.458	+ 14.3		36
W 11332		12 Sep 2.162	- 17.4	0.4		HD 175541		43 May 11.483	+ 18.7		80
		13 Jun 25.456	- 25.7	0.2		W 11376		45 Jun 26.326	+ 23.4		80
		13 Aug 17.287	- 24.4	2.2							
18:48.0 -21 29		14 Jul 3.332	- 0.6	1.8		18:50.7 -00 52		21 Sep 12.142	- 73.8	1.0	37
HD 174947		14 Jul 13.307	- 9.6	1.3		HD 175545		21 Oct 10.160	- 76.7	1.0	37
33 Sgr		14 Jul 29.263	- 1.0	2.0		W 11381		22 Jul 3.302	- 64.8	0.3	37
W 11343								22 Aug 6.296	- 85.0	1.2	37
								22 Oct 6.148	- 89.3	1.4	37
18:48.2 +73 58		21 May 16.436	+ 6.2	0.4	36	18:50.7 -03 01		See ApJ 86, 363, 1937			
HD 174980		22 Jun 12.318	+ 3.2		36	PZ Aql					
W 11268		22 Sep 29.180	+ 2.6		36	W 11382					

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)
18:51.2 +33 51		27 Jul 11.420	- 25.3	± 0.8	36	18:53.8 -12 58		11 Jul 5.349	- 14.2	± 0.2	
HD 175635		28 Jun 7.425	+ 6.2		36	HD 176162		12 Aug 26.193	- 10.6	1.1	
ADS 11834A		28 Jul 30.294	+ 1.0	2.4	36	W 11430		12 Sep 26.135	- 12.8	0.4	
W 11373		28 Sep 2.164	- 0.4	2.2	36						
		31 May 27.394	- 23.8	0.9	36	18:54.1 +23 42		45 May 27.439	- 21.0		80
		31 May 27.413	- 24.4	0.6	36	HD 176213		45 Jun 26.275	- 14.2	2.5	80
		32 Apr 24.506	- 18.8		36	W 11420		45 Aug 25.177	- 23.8	2.7	80
		33 Aug 2.326	- 18.0		36						
		35 Oct 16.148	- 17.7		36	18:54.2 +13 46		30 Aug 21.212	+ 13.4	0.4	36
						HD 176232		31 Sep 24.138	+ 13.2	1.9	36
18:51.7 +41 29		14 Jul 4.328	- 6.1			10 Aql		32 Apr 15.504	+ 14.8	0.5	36
HD 175740		14 Aug 8.284	- 8.4	1.1		W 11426					
ADS 11840A		14 Aug 31.250	- 10.2								
W 11379						18:54.2 -25 05		33 May 4.457	- 24.6		80
						HD 176246		33 Aug 4.275	- 24.8	1.1	36
18:51.7 +23 26		43 Sep 21.124	- 25.1		80	W 11440		42 Jun 30.333	- 22.5		36
HD 175742		44 Jun 28.408	- 10.6		80						
W 11387		45 May 27.398	+ 53.7		80	18:54.3 +23 39		43 May 13.478	- 37.4		80
		46 Sep 16.142	- 42.3		80	HD 176252		45 May 25.485	- 33.8		80
						W 11424		45 Jun 26.299	- 34.0		80
18:51.7 -05 58		29 Aug 26.188	- 91.9		36						
HD 175751		29 Aug 26.213	- 89.6	1.8	36	18:54.3 -37 12		20 Jun 25.427	+ 8.2	0.0	37
n Sct		30 Apr 16.526	- 91.7	1.7	36	HD 176269		20 Sep 6.207	- 14.0	2.1	37
W 11395						W 11446		21 Jun 30.345	+ 19.8		37
								21 Jul 22.296	+ 27.9		37
18:52.1 +48 44		21 May 27.487	- 10.6	4.0	36						
HD 175824		21 Jul 24.422	- 6.5		36	18:54.3 -37 12		20 Jun 25.399	+ 22.4	0.4	37
ADS 11846A		21 Aug 14.286	- 16.5		36	HD 176270		20 Sep 6.223	- 47.4		37
W 11383						W 11447		21 Jun 30.366	- 51.5		37
								21 Jul 22.312	- 32.8		37
18:52.3 +43 49		See ApJ 71, 209, 1930				18:54.4 -37 05		See ApJ 102, 168, 1945			
HD 175865						S CrA					
R Lyr						W 11450					
W 11388											
18:52.3 +02 26		12 Jun 2.453	- 19.6	10.5		18:54.6 +38 07		14 May 16.419	- 19.6	13.9	
HD 175869		12 Aug 27.186	- 0.3	0.3		HD 176318		14 Jul 6.332	- 37.4	3.6	
64 Ser		12 Sep 21.209	- 13.2	5.4		W 11423		15 May 27.420	- 55.1	6.0	
W 11400		13 Aug 20.166	- 10.2	4.8				16 Aug 19.211	- 32.6	5.8	
								16 Sep 8.168	- 63.6	13.9	
18:52.4 -29 38		20 Jul 3.375	+ 39.7	0.8	81			17 Sep 8.253	- 42.8	9.1	
HD 175893		22 Aug 7.309	+ 44.9	0.5	81			17 Sep 9.257	- 89.3	4.1	
W 11414											
						18:54.6 +14 59		15 Jul 29.307	- 10.1	21.5	
18:53.1 +05 49		16 Jun 18.450	+ 14.2			HD 176321					
HD 176029		16 Aug 10.337	+ 20.1	2.8							
W 11412		16 Sep 14.192	+ 22.9			18:54.9 +30 02		40 Sep 13.134	- 41.1		36
						HD 176377		47 Jun 25.359	- 37.4		36
18:53.3 +32 47		10 May 10.433	- 86.6	1.0	50	W 11435		47 Jun 27.355	- 36.9		36
HD 176051		10 Jul 13.374	- 37.9	0.9	50			48 Jul 29.222	- 41.5		36
ADS 11871AB		10 Jul 15.365	- 41.6	3.6	50						
W 11406		11 Mar 25.533	- 41.5	1.4		18:54.9 -37 20		20 Jun 25.362	+ 6.6		37
		12 Oct 1.116	- 43.3	0.5		HD 176386		20 Sep 6.185	+ 5.4	1.6	37
		13 May 15.491	- 46.0	0.9		W 11456		21 Jul 22.334	+ 10.0		37
18:53.6 -23 51		See ApJ 115, 25, 1952				18:55.1 +57 41		28 Sep 26.158	- 32.5		36
AR Sgr						HD 176408		29 May 22.450	- 37.5		36
W 11432						48 Dra		29 Sep 19.133	- 30.2		36
						W 11415					
18:53.7 -08 18		40 Jun 24.360	+ 20.6		108						
AD Aql		40 Jul 15.267	- 47.2		124	18:55.2 -37 06		See ApJ 102, 168, 1945			
W 11425		40 Sep 24.193	- 26.7		110	R CrA					
		42 May 25.424	+ 0.2		108	W 11457					
18:53.8 +17 14		See ApJ 81, 132, 1935				18:55.2 -37 06		42 Oct 2.139	+ 31.2		220
HD 176155		114, 335, 1951				T CrA		44 Jun 28.356	- 7.0		110
FF Aql											
ADS 11884A						18:55.4 +12 45		25 Sep 9.174	+ 0.8		36
W 11417						HD 176486		27 Aug 8.226	- 6.2		36
						ADS 11916A		27 Sep 4.291	+ 0.2		36
						W 11445					
18:53.8 +17 14		37 May 21.490	- 43.0		124						
ADS 11884B						18:55.5 +40 33		46 Jun 20.358	+ 35.1		80
						ADS 11910B		50 Jun 2.438	- 6.9		80
								50 Jul 27.177	- 36.8		80

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	σ_D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	σ_D ($\frac{\text{\AA}}{\text{mm}}$)
18:55.7 +22 40 HD 176541 W 11452		45 Jan 17.403 - 48.8 50 May 29.481 - 50.2			36 80	18:57.5 +29 23 HD 176938 W 11480		25 May 5.495 - 20.2 40 Jul 24.315 - 8.6 41 Sep 7.134 - 14.0	± 8.7 2.3		36 36 36
18:55.9 +39 05 HD 176582 W 11443		11 Jul 7.390 - 17.5 12 Apr 28.495 + 0.8 12 Jun 6.405 + 7.4 12 Jul 5.435 - 1.7 12 Sep 30.134 - 18.2 13 Aug 17.344 - 32.8	± 5.0 1.3 9.4 3.3 0.3 0.8			18:57.6 -00 51 HD 176982 ADS 11971A W 11502		21 Aug 19.361 - 14.3 22 Jul 15.345 - 10.1 22 Sep 29.190 - 9.2	13.2 2.6 5.0		37 37 37
18:55.9 -15 25 HD 176593 W 11466		26 Sep 22.162 + 22.4 28 May 26.456 + 20.6 28 May 30.482 + 16.6	2.1 1.4 0.1		36 36 36	18:57.6 -00 51 HD 176983 ADS 11971B W 11503		21 Aug 19.302 - 30.6 21 Sep 13.145 - 22.2 22 Jun 4.450 - 24.0	3.9 1.8		37 37 37
18:56.0 +65 08 HD 176598 W 11419		31 May 9.482 - 10.2 33 Jun 10.421 - 2.7 33 Jul 14.319 - 1.3 33 Sep 8.182 - 2.3	0.6		36 36 36 36	18:57.7 +50 24 HD 177003 W 11470		12 Jun 27.420 - 21.0 12 Aug 3.366 - 17.1 12 Sep 1.327 - 19.7	0.4 1.7 0.7		
18:56.2 +18 20 HD 176646 W 11458		15 Jul 23.367 - 19.7 15 Aug 24.271 - 31.0 15 Sep 24.180 - 19.5 16 Jul 17.343 - 24.1	0.3 1.4 1.9 0.9			18:57.7 -22 51 HD 177017 SU Sgr W 11510		See ApJ 96, 344, 1942			
18:56.2 +00 00 V336 Aql W 11468		See ApJ 86, 363, 1937				18:58.1 -20 35 HD 177095 W 11516		25 Jun 13.401 + 81.3 26 Aug 15.206 + 78.2 28 Jul 4.369 + 73.7	3.7 4.4 5.1		76 76 76
18:56.3 +62 16 HD 176668 ADS 11901A W 11433		34 Jun 1.420 - 3.7 35 Jul 9.356 - 10.2 42 Aug 25.210 - 7.8			36 38 36	18:58.4 +30 18 BD+30°3392 W 11504		37 Jul 27.264 + 7.0 39 Jun 3.400 - 8.7 40 Jul 24.353 - 4.4 41 Jul 3.333 - 10.4 41 Sep 7.188 - 7.5 42 Sep 1.184 - 9.7			80 36 36 36 36 36
18:56.3 +18 57 HD 230409 W 11461		24 Jul 16.318 - 29.2 24 Sep 11.174 - 15.7 28 Jun 1.479 - 17.2 28 Jul 5.441 - 16.4	2.3 76 76 76		76 76 76 76	18:58.6 +46 47 HD 177196 16 Lyr ADS 11964A W 11497		12 Jun 26.407 - 2.4 12 Jul 31.408 + 9.0 12 Sep 1.360 + 8.8 12 Sep 22.299 + 3.7	2.4 1.0 3.6 1.0		
18:56.4 -24 59 HD 176704 W 11481		28 Oct 2.137 - 9.5 45 Sep 19.142 + 2.3 46 Sep 15.125 + 5.2 49 Aug 10.254 + 3.3	4.9 36 80 80		36 36 80 80	18:58.8 +55 31 HD 177249 49 Dra W 11488		33 Sep 12.178 + 11.4 48 Sep 21.200 + 12.2			36 36
18:57.0 +08 37 HD 176825 ADS 11947A W 11479		47 Aug 11.284 - 17.8 48 Jun 13.410 - 18.4 49 May 11.467 - 14.7 50 May 29.446 - 26.6	80 80 80 80		80 80 80 80	18:58.9 +31 16 HD 177279 ADS 11977A W 11512		25 Aug 5.268 - 14.3 25 Aug 31.241 - 33.9 25 Sep 28.253 - 1.9 25 Oct 25.151 - 81.5 + 57.9			76 37 37 36
18:57.1 -10 52 HD 176853 W 11491		29 May 17.443 - 26.9 29 May 21.410 +102.0 29 Jun 13.399 - 26.0 29 Jun 19.467 -138.4 29 Jun 27.426 +107. 29 Jul 16.300 + 84.0 29 Jul 18.290 + 28.2 -137.7 29 Aug 23.231 -101.6	36 37 36 37 36 36 36 36 36	10.3 1.0	36 37 36 37 36 36 36 36 36	18:58.9 +31 16 ADS 11977B W 11513		25 Aug 5.322 + 0.6 27 Nov 5.144 - 17.7 30 Sep 10.216 - 36.3 47 Aug 29.250 + 2.1			76 76 76 80
18:57.2 -19 23 HD 176884 ADS 11972A W 11500		34 Jun 21.379 - 19.6 42 May 28.476 - 24.3 42 Jul 2.353 - 15.2	36 36 36		36 36 36	18:59.2 +01 13 BD+1°3872 W 11524		21 Jul 13.361 - 82.4 21 Aug 21.165 - 66.4 28 Jul 7.415 - 63.5 30 Sep 9.203 - 39.3	4.7 3.0 12.7		81 81 76 76
18:57.4 +08 37 HD 176915 W 11489		30 Oct 6.173 - 28.6 50 Apr 22.455 - 15.4 50 Jun 2.396 - 11.2	124 80 80		124 80 80	18:59.6 +01 09 HD 177441 SZ Aql W 11531		See ApJ 86, 363, 1937			
18:57.4 +08 37 HD 176916 W 11490		21 Jul 27.411 - 13.4 30 Oct 6.173 - 28.6 50 Apr 22.492 - 23.6 50 May 31.459 - 18.1	37 76 80 80	1.5	37 76 80 80						

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	$\frac{D}{\text{mm}}$	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	$\frac{D}{\text{mm}}$
18:59.6 -04 11		17 Jul 10.376	- 62.6	± 1.9		19:02.4 -19 27		24 Apr 18.510	- 28.1		36
HD 177442		17 Sep 5.179	- 51.9	1.0		HD 178175		24 Jul 14.325	- 24.0	± 1.6	36
ADS 12007B		18 Jun 30.372	- 40.4		36	W 11585		24 Aug 21.189	- 16.3		15
W 11533		20 Jul 30.289	- 64.5		36			25 Jun 8.350	- 50.4	2.3	36
		20 Aug 31.215	- 67.6	0.5	36			25 Jul 6.408	- 31.4	27.3	36
		20 Sep 22.156	- 57.6		80			25 Jul 7.247	- 14.4	4.7	36
								25 Jul 8.359	+ 1.3	6.2	36
18:59.7 -04 11		28 May 14.501	- 17.5	1.7	36			25 Jul 9.285	- 58.2	8.4	36
HD 177463		28 Jun 13.412	- 15.0	0.2	36			25 Jul 10.301	- 48.5	5.4	36
ADS 12007A		28 Jul 31.301	- 20.5	0.5	36			25 Jul 31.273	- 3.8	12.6	36
W 11534		28 Sep 6.256	- 18.5		36			25 Aug 6.294	+ 0.8	1.0	36
								25 Aug 7.251	- 53.6	8.6	36
18:59.8 +52 07		27 Jun 10.458	+ 5.6		36			25 Aug 14.229	- 36.6	1.0	36
HD 177483		27 Aug 18.228	+ 4.3		36			26 Jun 20.388	- 37.7		36
ADS 11979A		27 Sep 11.235	+ 4.3		36			26 Jun 29.321	- 13.6	15.9	36
W 11514								26 Jul 26.229	- 10.7	5.8	36
								26 Jul 26.325	- 20.8	3.5	36
18:59.9 -15 49		14 Jul 2.330	- 29.6		36			27 May 22.481	- 20.3	7.1	36
HD 177517		48 Jul 27.251	- 26.5		80			27 Jun 10.449	- 40.1	6.8	37
W 11541		49 Sep 8.164	- 2.3		80			27 Jun 10.491	- 55.6	0.0	37
		49 Oct 11.115	- 23.5		80			27 Jun 12.384	+ 5.5	14.1	5
								27 Jun 13.323	- 37.0	2.3	36
19:00.2 -18 33		See ApJ 86, 363, 1937						27 Jun 13.480	- 24.6	1.5	36
V410 Sgr								27 Jun 14.319	- 45.2	2.0	36
W 11548								27 Jun 14.454	- 42.8	0.0	36
								27 Jun 19.406	- 17.6	5.2	36
19:00.9 +06 24		23 May 25.475	- 17.6	2.0	36			27 Jun 24.376	- 2.0	2.1	37
HD 177749		23 Jun 3.445	- 14.5	0.6	36			27 Aug 14.230	- 4.8	0.3	36
ADS 12029A		23 Jun 26.441	- 22.9		36			27 Oct 11.130	- 11.8	5.2	36
W 11552								27 Oct 12.141	- 43.8		36
								28 Jun 10.329	+ 4.4	3.9	36
19:00.9 -12 02		25 May 30.452	- 2.1	5.3	37			28 Jun 10.362	+ 3.0	5.8	36
HD 177758		25 Aug 30.201	- 6.2	0.4	37			28 Jun 10.403	- 0.2	18.1	36
W 11556		25 Sep 28.145	- 0.8	2.3	37			28 Jun 10.447	+ 6.1	15.3	36
								28 Jun 10.485	+ 16.0	8.7	36
19:01.1 +31 36		15 Nov 23.062	+ 0.4	1.0				29 Apr 24.497	- 44.3		36
HD 177808		16 Jul 14.392	+ 9.8	1.5				29 Apr 28.512	- 45.6	4.8	36
W 11545		16 Aug 16.272	+ 8.0	3.2				29 May 24.460	- 15.1		36
		16 Sep 18.126	+ 8.4	0.5				29 May 25.458	- 17.5		36
		16 Nov 7.140	+ 7.6	0.4				29 Jun 17.373	- 3.3		36
								29 Jun 18.370	- 27.7		36
								29 Aug 21.199	- 8.9		36
19:01.1 +30 35		25 May 5.453	- 7.8	0.6	36						
HD 177809		25 Jul 12.385	- 19.3		36						
W 11544		25 Aug 13.345	- 12.0	0.6	36	19:02.5 +24 06		11 Sep 8.218	- 23.0	0.7	
		34 Jul 3.326	- 14.8		36	HD 178187		11 Sep 16.215	- 20.2	3.0	
		35 Aug 19.252	- 25.6		38	W 11567		11 Oct 14.153	- 28.8	1.2	
								12 Aug 1.370	- 19.4	0.1	
19:01.9 +29 46		14 Oct 8.176	- 28.7								
HD 178003		14 Nov 4.125	- 29.6	2.6		19:02.6 +22 02		21 May 25.463	+ 9.2	0.2	37
W 11559		15 May 30.435	- 24.7	0.7		HD 178211		21 Aug 17.374	+ 12.0	0.1	36
						ADS 12050A		21 Sep 15.253	+ 15.1		36
						W 11575					
19:02.1 +30 17		34 Jul 25.344	- 47.7		76						
ADS 12040B						19:02.6 +22 02		24 May 17.483	- 11.1	2.7	76
W 11565						ADS 12050B					
19:02.2 +76 55		20 Nov 3.135	- 29.3		36						
HD 178089		21 Jun 16.369	- 30.6		36	19:02.7 +28 28		11 Sep 6.208	- 42.0	6.0	
W 11498		21 Jul 21.478	- 25.6	0.1	36	HD 178233		11 Sep 13.192	- 5.7	5.1	
						W 11571		11 Nov 5.125	- 24.3	1.3	
19:02.2 +30 17		25 Jul 13.291	- 42.4	2.0	76						
HD 178091		37 Jul 28.266	- 46.1		80	19:02.8 +20 44		44 May 10.484	+ 24.1		108
ADS 12040AB		48 Aug 20.230	- 48.3		80	Ross 730		44 Jul 1.274	+ 35.8		110
W 11564						W 11580		44 Jul 6.372	+ 35.9		108
19:02.3 +07 30		14 Aug 9.340	+ 23.5	3.3		19:02.8 +20 44		44 Jul 1.315	+ 39.1		110
HD 178126		16 Aug 9.340	+ 15.6	2.0		Ross 731		44 Jul 6.428	+ 37.1		108
W 11570		16 Sep 15.212	+ 3.2	2.8		W 11581		44 Jul 8.375	+ 28.5		108
		17 Aug 3.265	+ 7.0	0.8							
		17 Oct 5.188	+ 10.9			19:03.0 -17 26		21 Jul 15.401	- 56.8	3.4	81
						HD 178316		22 Aug 8.236	- 35.3	2.6	81
						W 11594					
						19:03.1 +65 26		42 Jul 4.421	+ 72.2		36
						HD 178326		44 Aug 1.269	+ 20.8		36
						W 11550		45 May 24.479	+ 19.7		80

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)
19:03.1 +01 08 HD 178359 TT Aq1 W 11592		See ApJ 86, 363, 1937				19:06.1 +52 16 HD 179094 W 11622		42 Jul 3.389 - 4.9 ± 2.1 36 42 Aug 1.314 - 5.6 1.4 36 45 Jun 22.360 + 5.7 3.5 36 46 Sep 11.140 + 21.9 3.2 36 46 Sep 12.139 + 29.4 3.2 36			
19:03.5 +16 43 HD 178428 W 11593		18 Aug 18.302 + 4.4 ± 0.0 36 18 Aug 24.214 + 20.7 1.1 70 18 Oct 24.117 + 6.0 1.8 36 19 Oct 11.120 + 13.9 0.6 36 19 Nov 6.110 + 18.8 1.4 36 19 Nov 9.147 + 28.0 2.4 36 19 Nov 11.127 + 27.0 0.3 36 20 Oct 26.143 + 24.7 36 21 Jun 20.431 + 18.4 1.5 36 21 Jul 21.438 + 17.4 3.5 36 21 Jul 22.236 + 5.5 1.5 36 21 Jul 26.358 + 1.3 0.4 36 21 Jul 27.231 + 13.6 1.0 36 21 Aug 21.322 - 0.4 15				19:06.2 -14 45 HD 179130 W 11637		28 Jul 4.390 - 25.6 0.4 36 31 Jun 1.452 - 48.4 1.9 36 33 Jun 15.389 - 39.2 0.3 36 33 Aug 30.250 - 37.3 2.2 36			
19:03.6 +32 21 HD 178449 17 Lyr ADS 12061A W 11589		28 May 3.510 - 3.6 36				19:06.4 -15 58 HD 179174		28 Oct 8.180 + 28.1 76			
19:03.6 +32 21 ADS 12061C W 11590		38 Jul 12.413 - 25.0 108 43 May 14.451 - 32.7 110 43 Jun 23.457 - 34.8 108				19:06.5 -21 50 HD 179201 W 11644		17 Sep 4.213 - 3.0 3.6 18 Aug 26.230 - 26.5 1.6 70 19 Sep 5.184 - 5.5 0.6 36 20 Aug 6.270 + 6.9 1.0 36 21 Aug 18.267 - 13.4 0.0 36 22 Jun 8.408 - 1.7 80 22 Jun 10.488 + 0.1 37 23 Jun 29.362 - 6.2 36 23 Aug 5.269 - 9.9 36 23 Sep 2.187 - 6.4 36 23 Sep 8.133 + 4.7 37 24 Aug 21.257 - 3.4 36 30 Jul 3.337 - 1.1 36 30 Jul 7.399 - 1.2 36 30 Jul 16.339 - 6.9 36 30 Jul 26.344 - 2.8 0.1 36 30 Aug 14.256 - 12.6 36 30 Aug 17.210 + 2.1 36 30 Aug 19.271 + 4.8 36			
19:03.6 +30 05 HD 178450 W 11586		25 Jul 13.481 + 24.6 2.7 76 31 Jul 1.432 - 17.8 2.0 36 32 Aug 16.269 + 16.1 1.1 36 47 Jun 6.440 + 11.4 80				19:07.0 -26 05 HD 179323 W 11657		32 Jun 15.401 + 1.8 0.3 36 50 Jul 27.271 + 0.9 80			
19:03.7 +35 57 HD 178475 18 Lyr W 11587		11 Aug 15.238 - 35.2 2.6 11 Sep 18.153 - 19.3 7.8 11 Oct 7.200 - 31.7 4.0 12 Sep 24.206 - 32.4 4.5				19:07.1 +02 44 Wolf 1062 W 11649		39 Oct 23.156 - 47.8 124 42 Oct 18.146 - 40.0 110 43 May 25.431 - 37.0 108			
19:03.7 -21 38 HD 178496 W 11610		24 Jul 13.318 - 44.2 6.9 76 24 Aug 16.279 - 41.6 3.9 76 24 Sep 8.150 - 37.4 5.6 76 25 Jul 12.368 - 45.1 1.6 76				19:07.3 -08 07 HD 179406 20 Aq1 W 11653		12 Aug 30.229 - 28.9 1.1 13 Jul 13.311 - 14.0 5.8 13 Aug 20.273 - 3.2 7.9			
19:04.1 +05 55 HD 178596 19 Aq1 W 11607		42 May 27.476 - 52.3 36 46 Sep 10.135 - 41.9 80 47 Aug 30.180 - 56.9 36 47 Oct 3.122 - 51.3 36 47 Oct 3.171 - 51.9 36				19:07.7 +38 37 HD 179484 ADS 12145A W 11642		18 Aug 21.169 + 30.3 2.7 80 18 Sep 25.160 + 24.6 0.0 80 19 Jun 15.290 + 34.3 3.0 80 20 May 6.476 + 33.6 1.9 37 20 Oct 26.155 + 16.1 0.9 37 21 Jun 23.451 + 32.9 2.6 37 22 Sep 28.189 + 20.3 2.3 37			
19:04.5 +10 23 HD 178695 FM Aq1 W 11612		See ApJ 86, 363, 1937				19:07.7 +38 37 ADS 12145BC W 11643		18 Aug 21.228 + 22.4 3.2 80 18 Sep 26.160 + 20.8 1.1 80 19 Jun 15.360 + 27.6 1.9 80 20 May 7.489 + 30.5 1.9 37 20 Jul 25.311 + 26.5 37 21 Jul 18.392 + 20.6 0.3 37			
19:04.8 +39 00 HD 178770 W 11606		24 Sep 7.222 - 17.4 3.7 36 24 Sep 15.192 - 15.6 36 24 Sep 18.156 - 16.1 0.2 37				19:07.7 -12 27 HD 179497 W 11663		31 May 6.505 - 16.7 1.3 36 42 Sep 3.192 - 17.7 36 45 Jul 19.302 - 16.6 36			
19:05.1 +34 35 HD 178849 ADS 12093A W 11614		23 Aug 31.216 + 1.6 1.8 36				19:07.8 +03 23 HD 179494 FN Aq1 W 11660		See ApJ 86, 363, 1937			
19:05.1 +33 54 BD+33°3339 W 11616		44 Aug 8.199 + 22.7 108 44 Aug 10.243 + 18.5 108 44 Aug 28.149 + 23.7 108									
19:05.4 +34 26 HD 178911 ADS 12101A W 11621		24 May 15.484 - 44.2 0.3 36 25 Jun 5.469 - 38.5 36 25 Jul 3.376 - 42.4 36									

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)
19:08.0 +16 41		19 Aug 6.230	+ 38.2		36	19:10.0 +15 11		32 Aug 15.265	- 21.7	± 8.3	36
HD 179558		19 Sep 3.189	+ 40.2		36	HD 180080		38 May 12.494	- 14.2		63
ADS 12160B		19 Sep 14.274	+ 33.8	± 3.0	36	ADS 12207A		38 Sep 16.152	- 25.8		70
W 11658		20 Jul 25.321	+ 36.8		36	W 11691		47 Aug 6.287	- 22.7		80
		20 Sep 28.190	+ 40.1	0.9	36			47 Aug 28.174	- 12.8		80
19:08.1 +16 40		19 Jun 13.484	- 22.5	1.1	36	19:10.0 -33 42		27 Jun 17.444	- 13.9		76
HD 179588		19 Sep 3.248	- 12.2		36	HD 180093		31 Aug 3.269	- 91.4		76
ADS 12160A		19 Sep 14.228	- 10.9		36	RY Sgr		42 Oct 1.118	- 24.0		110
W 11662		20 Jul 25.255	- 25.1		36						
		20 Sep 28.139	- 17.5	11.9	36	19:10.1 -15 01		42 Jul 23.295	- 13.0		36
19:08.2 -00 45		23 Aug 26.273	- 76.0	1.4	76	HD 180110		44 Jul 31.256	- 1.9	9.1	36
HD 179626		24 Jun 16.464	- 67.8	0.9	76	W 11700		44 Aug 30.202	- 9.9	17.2	36
W 11671		24 Jul 13.402	- 70.2	2.0	76			49 Aug 10.275	- 10.5		80
19:08.8 +14 46		27 Jun 17.432	- 29.3		36	19:10.4 +38 58		47 Jun 9.449	- 22.3		80
HD 179785		27 Aug 15.232	- 35.2	0.7	36	ADS 12197B		49 Aug 12.213	- 27.7		80
W 11675		28 May 17.486	- 31.7		37	W 11688		50 Jun 2.465	- 25.0		80
19:08.8 +14 26		28 May 18.463	+ 33.9		37	19:10.7 +14 54		41 Oct 1.128	- 26.8		36
HD 179786		37 Jul 28.304	+ 36.9		80	HD 180243		42 Jun 3.458	- 45.1		36
W 11676		38 May 13.465	+ 36.7		63	W 11703		42 Aug 24.155	- 31.5		36
19:09.1 +64 42		38 Aug 11.191	- 49.9		108			49 Aug 8.238	- 5.4		80
XZ Dra						19:10.8 +14 54		11 Jul 11.310	- 25.0	0.2	
W 11641						HD 180262		11 Jul 12.356	- 22.8	0.9	
19:09.3 +71 08		43 Jun 10.451	- 23.4		80	W 11706		12 Jul 26.402	- 19.0	1.5	
HD 179907		43 Jul 11.402	- 30.1		80			40 Sep 24.135	- 31.8		36
W 11632		45 May 22.470	- 27.6		80			40 Sep 24.164	- 27.7		36
19:09.4 -25 26		17 Sep 2.197	-155.3					41 Aug 10.247	- 21.0		36
HD 179950			- 21.6			19:11.0 +21 03		49 Aug 8.212	- 24.9		80
42 ψ Sgr		20 Jul 4.332	- 31.3		36	HD 180317		25 Aug 5.307	- 64.1	1.0	36
ADS 12214A		22 Sep 1.226	-142.1		36	1 Sge		25 Sep 2.231	- 57.0	1.2	36
W 11693			- 25.0		36	W 11707		25 Oct 2.177	- 57.0	0.2	36
19:09.5 +49 39		10 May 12.427	- 54.6	3.3	50	19:11.2 +15 03		39 Sep 4.156	+ 2.2		36
HD 179958		10 May 13.405	- 52.6	5.5	50	HD 231014		40 Aug 22.251	+ 8.9		36
ADS 12169A		10 May 14.382	- 50.3	3.9	50	W 11713		42 Aug 22.206	+ 2.3		36
W 11670		10 May 20.351	- 53.7	0.3	50	19:11.3 -21 15		45 Aug 23.228	- 2.3		80
		11 Jul 8.340	- 43.4	3.3		HD 180416		46 Aug 12.255	- 7.5		80
		12 Jun 4.460	- 38.1	5.2		W 11729		46 Sep 15.158	- 1.8		80
		12 Aug 5.346	- 33.4	1.1							
		12 Aug 20.223	- 37.4	3.8		19:11.4 +79 29		42 Oct 25.162	- 72.1		80
19:09.5 +49 39		10 May 14.412	- 27.0	6.1	50	HD 180427		46 Jun 15.323	- 68.6		80
HD 179957		10 May 20.378	- 36.2	1.1	50	W 11629		46 Aug 10.169	- 73.7		80
ADS 12169B		10 May 22.337	- 29.8	3.6	50	19:11.8 -19 08		17 Sep 4.242	+ 16.8		
W 11669		11 Jul 9.338	- 43.7	1.6		HD 180540		20 Jul 2.394	+ 22.0	1.7	36
		12 May 30.453	- 39.9	4.2		43 Sgr		20 Jul 2.425	+ 26.9	2.7	36
		12 Aug 5.322	- 38.8	1.6		W 11742		22 Sep 1.244	+ 0.1	1.1	36
		12 Aug 20.250	- 39.9	2.6				25 Aug 7.230	+ 10.6		36
19:09.7 +65 56		See ApJ 96, 344, 1942				19:11.9 +14 23		46 Jun 20.407	- 28.9		80
HD 180004						ADS 12248B		49 Sep 7.153	- 28.4		80
SZ Dra						W 11728					
W 11652						19:12.0 +15 11		42 Aug 21.221	- 18.8		36
19:09.7 +56 41		28 Oct 1.120	- 10.2	1.7	36	HD 231039		43 May 21.480	- 11.6		36
HD 180006		28 Oct 1.142	- 13.6		36	W 11730		45 Aug 30.219	- 14.0		36
53 Dra		30 Aug 13.246	- 14.9	1.6	36						
W 11667						19:12.1 +57 32		28 Oct 1.168	- 19.1		36
19:09.9 +18 53		11 Sep 10.195	- 28.5	3.4		HD 180610		28 Oct 1.193	- 17.5		36
HD 180054		11 Oct 12.164	- 18.2	5.1		54 Dra		30 Aug 13.265	- 30.4		36
ADS 12201A		12 Sep 26.175	- 24.2	1.4		W 11705		47 Jun 26.312	- 23.9		36
W 11689		13 Jul 13.357	- 27.2	3.0		19:12.1 +05 03		34 May 22.482	+ 44.8		124
		13 Sep 9.227	- 22.3	4.6		HD 180617		34 Aug 27.230	+ 34.1	6.7	81
		15 Jul 21.374	- 9.5	2.1		W 11733		40 Jul 15.346	+ 32.2		80
		15 Aug 22.248	- 11.4	0.0							
		15 Sep 27.163	- 4.1	1.0							

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e. ($\frac{\text{\AA}}{\text{mm}}$)	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e. ($\frac{\text{\AA}}{\text{mm}}$)	D ($\frac{\text{\AA}}{\text{mm}}$)
19:12.7 +49 55		13 Sep 27.252	+ 4.9	± 1.9		19:15.2 +03 52		42 Jun 28.382	+ 16.0	± 1.0	36
HD 180756		13 Oct 21.134	+ 7.8	1.4		HD 181386		43 Aug 12.230	+ 3.2		80
ADS 12240A		13 Nov 18.120	+ 7.9	0.8		ADS 12322A		44 May 3.442	+ 1.9	1.3	80
W 11721						W 11792		46 Sep 17.167	+ 9.0		80
19:12.9 +37 57		14 Sep 2.168	- 32.0	2.8		19:15.2 +03 52		43 Aug 12.264	+ 19.4		80
HD 180809		14 Sep 6.193	- 31.4	1.0		ADS 12322B		44 May 3.480	+ 35.8	2.1	80
21 e Lyr		14 Sep 11.251	- 30.7	1.6		W 11793		46 Sep 17.226	- 3.0	0.3	80
W 11738		15 Jun 26.379	- 27.5	1.2				49 Jul 6.357	+ 23.8		80
		16 May 21.459	- 30.9	1.5							
		19 Sep 10.202	- 28.6		37	19:15.4 -01 04		14 Jun 13.457	- 27.8	3.1	
19:13.0 +76 01		42 Jul 27.272	- 43.9		36	HD 181440		14 Sep 7.139	- 35.9	0.6	
HD 180841		43 Jul 20.324	- 47.0		36	27 Aql		14 Oct 8.131	- 7.2	2.0	
W 11681		45 Sep 21.211	- 40.6		80	W 11799		15 Jun 20.448	- 1.7	11.3	
								16 Sep 8.228	- 33.5	0.7	
19:13.1 +11 25		11 May 23.458	- 13.4	0.4				17 Aug 9.264	- 45.8		
HD 180868		11 Jul 18.330	- 18.4	1.6				17 Sep 8.141	- 26.6	2.1	
25 w Aql		12 Jun 8.439	- 16.3	6.5		19:15.5 +66 05		43 Jul 16.326	+ 10.6		36
W 11748		12 Jun 25.402	- 16.2	0.2		HD 181468		46 Jun 13.406	+ 13.5		80
						W 11753		46 Jul 15.360	+ 10.9		80
19:13.3 -15 42		15 Jun 1.460	- 14.6	1.6		19:16.0 +71 21		36 Aug 30.307	+ 11.2		80
HD 180928		16 Jul 12.359	- 20.6	0.3		BD+71°943		37 Jul 25.301	+ 10.9		80
W 11761		16 Aug 18.248	- 16.6	1.4		W 11749		37 Aug 17.276	+ 4.4		80
		21 Aug 26.264	- 22.2		36			37 Sep 16.149	+ 2.4	4.8	80
		28 Jul 10.358	- 9.8		36						
		28 Jul 11.352	- 20.4		36	19:16.0 +41 28		21 Apr 17.514	-130.8	1.0	37
19:13.4 +22 16		22 Jun 7.251	- 31.7		37	BD+41°3306		21 Aug 22.280	-123.9		36
HD 180939		22 Aug 4.176	+ 7.8		81	20C1145		21 Sep 10.255	-119.8	1.7	37
RS Vul						W 11787		25 Aug 30.257	-117.6	1.6	37
W 11750											
19:13.5 +22 51		12 Aug 31.270	- 2.2	5.3		19:16.1 -18 29		30 Jun 14.427	- 18.8	2.1	36
HD 180968		12 Sep 26.218	+ 3.0	3.9		HD 181645		31 May 31.468	- 10.0	1.2	36
2 ES Vul		12 Oct 22.116	- 6.0	6.8		45 p ² Sgr		31 Jul 29.288	- 8.2	0.2	36
ADS 12287A						W 11811		32 May 24.481	- 14.3	0.9	36
W 11751								32 Jun 18.420	- 9.7	1.7	36
19:13.5 +00 55		33 Oct 8.111	- 19.9		36	19:16.8 +29 19		See ApJ 115, 25, 1952			
HD 180972		47 Aug 30.195	- 27.4		36	AV Cyg					
23 Aql		47 Oct 3.143	- 22.5		36	W 11806					
ADS 12289A						19:17.0 -40 48		21 May 14.476	- 6.3	3.3	37
W 11757						HD 181869		22 May 12.496	- 8.6	8.7	37
						α Ser		22 Sep 29.140	- 5.6		37
19:13.8 +00 10		12 Jun 4.413	- 28.8	1.5		W 11828		22 Sep 30.129	+ 1.8	3.9	37
HD 181053		12 Aug 6.266	- 32.0	3.6							
24 Aql		12 Aug 19.256	- 24.1	1.0		19:17.2 +17 29		See ApJ 96, 344, 1942			
W 11764		12 Sep 27.152	- 24.7	2.8		HD 181903					
						T Sge					
19:13.8 -14 20		38 Jun 7.445	+ 38.8		63	W 11815					
HD 181058		42 Aug 23.179	+ 32.7		36						
W 11776		44 Jul 1.338	+ 31.6		80	19:17.2 -00 26		20 Oct 3.122	- 13.1	1.7	36
						HD 181907		21 Jun 17.433	- 5.7	3.3	36
19:14.0 +46 49		15 May 29.408	- 47.7	1.8		W 11821		21 Jun 17.467	- 12.7		36
HD 181096		16 Jul 10.378	- 42.4	1.3				21 Aug 12.290	- 11.3	1.3	36
W 11747		16 Aug 17.289	- 42.1	2.3							
		17 Sep 3.286	- 48.0			19:17.5 +73 10		17 Sep 3.269	- 26.3		
						HD 181984		18 Sep 18.330	- 27.9		70
19:14.1 +15 30		37 Sep 28.144	- 32.1		38	60 τ Dra		19 Aug 14.224	- 22.9		36
HD 181120		38 May 13.542	- 27.5		63	W 11774					
W 11767		42 Aug 21.162	- 13.3	2.1	36						
		49 Aug 8.226	- 15.5		80	19:17.7 -10 53		13 Sep 22.183	- 42.5	3.4	
						HD 182040		15 Sep 29.138	- 50.4	2.2	
19:14.4 +19 26		See ApJ 71, 336, 1930				W 11825		20 Jun 8.440	- 47.1	1.3	37
HD 181182											
U Sge						19:18.4 +57 28		35 Jul 9.399	- 19.0		63
W 11775						HD 182190		35 Aug 11.256	- 17.4		36
						W 11813		42 Sep 4.222	- 18.8		36
19:14.5 +73 43		46 Jun 13.353	+ 6.9		80	19:18.7 +33 40		44 Aug 8.240	- 66.7		108
HD 181204		48 Aug 19.241	+ 4.4		80	BD+33°3433		44 Aug 25.247	- 59.5		108
W 11710		49 Jul 4.398	- 4.2	0.4		W 11829					
		49 Oct 12.129	- 9.5	0.1	80						

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	$\frac{D}{\text{mm}}$	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	$\frac{D}{\text{mm}}$
19:18.7 +26 04		11 Jun 14.385	- 10.8	± 4.4		19:21.7 +21 01		42 May 23.485	- 25.9		110
HD 182255		11 Aug 9.255	- 12.0	0.2		HD 344365		42 Jun 24.486	+ 6.3		110
3 Vul		11 Aug 11.272	- 16.8	1.0		WW Vul		42 Oct 16.125	+ 0.1		108
W 11833		11 Aug 13.206	- 11.3	2.9				43 May 24.482	- 3.2		108
		11 Aug 15.205	- 12.7	2.9		19:21.8 +12 49		22 May 14.476	- 36.0	± 1.9	36
19:19.4 -24 09		27 Sep 12.205	+ 38.2		36	HD 182900		22 Jul 17.321	- 40.3	0.8	36
HD 182416		28 Jun 4.454	+ 50.4	3.6	36	W 11876		22 Aug 2.377	- 32.8	3.0	36
49 χ^3 Sgr		28 Jun 28.395	+ 34.4	2.0	36			22 Aug 3.368	- 28.4	3.0	36
W 11858		28 Sep 2.201	+ 39.1		36	19:21.9 +50 03		See ApJ 96, 344, 1942			
19:19.7 -14 06		26 Jun 1.478	- 29.0	0.5	36	HD 182917					
HD 182477		26 Aug 1.267	- 34.1		36	CH Cyg					
W 11860		26 Sep 29.151	- 37.9	1.5	36	W 11865					
19:19.8 +16 45		11 Aug 10.265	+ 62.3	1.5		19:21.9 +19 54		12 Jul 8.390	- 24.0	2.9	
HD 182490		11 Nov 1.157	+ 19.6	2.6		HD 182919		12 Jul 10.333	+ 1.4	1.6	
2 Sge						5 Vul		12 Aug 31.313	- 12.0	4.8	
W 11850						W 11875		12 Sep 25.232	- 21.6	1.1	
19:20.2 +16 46		12 Jul 1.429	+ 17.0	3.3				12 Nov 28.109	- 1.6	5.3	
HD 182571								13 Jul 14.319	- 17.6	2.0	
W 11859								13 Aug 20.337	- 16.9	0.3	
19:20.2 +11 44		10 May 16.426	- 85.7	6.4	50	19:21.9 -18 33		33 Jul 7.384	- 11.9	2.9	36
HD 182572		10 Jul 13.395	- 79.8	0.9	50	HD 182926		45 Jul 24.290	+ 2.9		80
31 Aql		10 Jul 15.386	- 81.0	2.0	50	W 11884		45 Aug 24.195	+ 4.0		80
W 11861		11 Apr 10.451	- 95.9					46 Sep 20.164	+ 1.4		80
		11 Apr 17.487	- 97.0	2.0				47 Aug 5.287	+ 1.5		80
		13 May 14.474	-100.5	1.8		19:22.1 +71 55		42 Aug 28.269	- 12.4		36
19:20.4 -21 58		42 Jun 30.379	- 19.2		36	HD 182951		45 Jul 18.316	- 15.2		36
HD 182629		42 Aug 26.216	- 20.3		36	W 11841		47 Jul 1.428	- 6.9		80
50 Sgr		45 Jun 20.404	- 19.2		36	19:22.1 +19 41		12 May 29.406	- 31.4	5.6	
W 11867						HD 182955		12 Jun 5.405	- 37.5	3.0	
19:20.5 +02 55		16 Oct 9.153	- 48.6			ADS 12445A		12 Aug 6.285	- 35.0	2.9	
HD 182640		17 Jul 9.329	- 40.8			W 11878					
30 δ Aql						19:22.3 +42 35		See ApJ 67, 319, 1928			
W 11863						HD 182989		109, 208, 1949			
19:20.5 -15 15		12 Aug 27.222	+ 0.2	4.4		RR Lyr					
HD 182645		48 Sep 20.174	+ 2.3		36	W 11873					
W 11868		50 Jul 28.287	- 22.5		36	19:22.3 -18 34		28 Jun 6.449	- 30.3	5.0	36
		50 Oct 4.114	- 8.0		36	HD 182998		28 Jun 26.383	- 30.1		36
19:20.8 +43 12		20 Jul 5.392	- 1.1	0.6	36	W 11888		30 Aug 15.262	- 34.4		36
HD 182694		20 Aug 27.227	+ 4.3	0.7	36	19:22.5 +88 59		24 Jul 10.458	+ 2.6		36
W 11855		20 Sep 27.163	+ 6.2	1.1	36	HD 183030		24 Aug 10.403	+ 4.5		36
19:20.9 +69 43		36 Jun 9.424	- 32.9		80	χ UMi		24 Aug 12.409	+ 6.2		36
HD 182712		43 Jul 17.365	- 39.7		36	W 11869					
W 11832		43 Aug 9.342	- 33.7		80	19:22.5 +27 07		21 Sep 14.201	- 4.6	0.3	36
19:21.3 +26 18		44 May 9.364	- 59.1		80	HD 183032		21 Oct 12.167	- 8.0		36
BD+26°3549		45 Jun 28.274	- 67.8		108	ADS 12447AB		21 Oct 16.176	- 13.4		36
W 11871		49 Aug 11.256	- 66.2	3.0	80	W 11881		22 Jun 3.389	- 17.3		36
		49 Sep 7.182	- 60.0		80			22 Jul 16.329	- 11.2		36
19:21.3 +24 44		10 May 21.367	- 18.8		50			22 Aug 4.335	- 12.1		36
HD 182807		10 Jun 26.454	+ 11.5		50	19:22.5 +25 17		23 Jul 29.353	+ 7.9		36
W 11869		10 Jul 22.323	- 15.9	0.2	50	HD 183034					
		10 Aug 17.240	+ 6.3	6.2	50	ADS 12448A					
		13 Jul 24.356	- 3.9	1.4		19:22.6 -12 21		26 Jul 21.349	- 23.4	2.7	36
		13 Aug 19.350	- 6.6	0.2		HD 183063		26 Aug 20.328	- 20.6	1.1	36
		13 Sep 10.248	- 4.7	1.2		ADS 12469A		27 Jul 10.402	- 22.1	4.8	36
19:21.4 +00 09		30 Sep 8.219	- 1.2		36	W 11892					
HD 182835		47 Oct 3.157	- 5.1		36	19:23.0 +12 17		40 Sep 25.122	+ 2.6		36
32 ν Aql						HD 183145		47 Sep 30.117	- 1.7		80
W 11874						W 11891		48 Jun 22.401	- 1.6		80
						19:23.6 +49 14		43 Sep 22.167	- 60.8		80
						HD 183255		45 Jun 24.388	- 65.3		80
						W 11887		46 Jun 24.472	- 70.1		80

TABLE 2—Continued

R.A. (1900) Name	Decl. (1900) Name	Date (UT)	Vel. (km sec ⁻¹)	p.e. ($\frac{\text{Å}}{\text{mm}}$)	D ($\frac{\text{Å}}{\text{mm}}$)	R.A. (1900) Name	Decl. (1900) Name	Date (UT)	Vel. (km sec ⁻¹)	p.e. ($\frac{\text{Å}}{\text{mm}}$)	D ($\frac{\text{Å}}{\text{mm}}$)
19:23.7 +24 09 HD 344365 BN Vul W 11897		48 Aug 25.365	-254.3		108	19:25.0 -21 31 HD 183545		14 Jul 10.316	- 0.1		
19:23.9 +01 45 HD 183324 35 Aql W 11908		11 Aug 7.310 + 17.5 ± 0.2 11 Aug 13.264 + 14.0 4.1 11 Aug 16.181 + 13.2 3.7 12 Sep 2.201 + 20.1 1.3				19:25.1 +76 22 HD 183556 UX Dra W 11870		13 Jul 25.297 + 15.4 ± 2.0 See Also ApJ 59, 339, 1924			
19:24.0 -07 15 HD 183344 U Aql W 11912		See ApJ 72, 46, 1930				19:25.3 +12 56 HD 183615 W 11925		39 Sep 1.287 - 37.3 40 Jun 19.423 - 34.0 40 Jul 16.272 - 31.4 40 Jul 22.288 - 36.2 40 Sep 20.294 - 35.2 40 Sep 25.264 - 37.5			36 36 36 36 36 36
19:24.3 +12 15 HD 183401 W 11901		39 Aug 27.200 - 29.0 39 Nov 11.118 - 37.2 40 Jun 16.369 - 30.1 40 Jul 22.173 - 32.7 40 Sep 20.128 - 31.3 40 Oct 10.120 - 30.6			36 36 36 36 36 36	19:25.4 -03 00 HD 183630 36 Aql W 11931		24 Sep 9.159 - 8.4 24 Sep 14.142 - 12.9 24 Sep 17.125 - 15.9	1.0 0.8 1.2		36 36 36
19:24.4 +12 39 HD 183421 W 11911		39 Aug 27.316 - 29.0 40 Jun 17.319 - 21.1 40 Jun 19.360 - 17.3 40 Jun 20.472 - 12.9 40 Jul 23.345 - 28.4 40 Sep 20.161 - 25.2			36 36 36 36 36 36	19:25.5 +31 25 HD 183650 W 11924		45 Jun 16.404 - 8.3 45 Aug 20.150 - 16.1 46 Jul 11.309 - 9.5			36 36 36
19:24.5 +24 28 HD 183439 6 α Vul W 11909		14 Apr 13.521 - 87.8 14 May 14.407 - 86.8 14 Jun 5.430 - 85.6 16 Oct 9.111 - 82.5	1.4 0.1			19:26.3 -24 04 V 440 Sgr W 11946		48 Aug 23.225 - 38.5			108
19:24.6 +12 58 HD 183460 W 11916		39 Aug 27.261 - 38.5 40 Jun 17.373 - 34.3 40 Jun 19.414 - 23.4 40 Jul 22.215 - 33.0 40 Sep 20.198 - 25.2 40 Sep 25.161 - 35.2	14.4 3.7		36 36 36 36 36 36	19:26.5 -28 12 HD 183877 W 11948		18 Jul 25.333 - 33.6 18 Aug 22.258 - 47.9 21 Aug 19.245 - 51.8 21 Sep 11.157 - 42.6	5.4 8.0 0.1		80 80 37 37
19:24.7 +42 33 HD 183473 W 11906		26 Jun 21.236 - 39.6 26 Jun 21.323 - 50.2 26 Jun 22.486 - 43.7	5.5		36 36 37	19:26.7 +27 45 HD 183912 6 β Cyg ADS 12540A W 11939		13 Jun 22.439 - 23.8 13 Jul 15.474 - 21.6 20 Nov 30.107 - 27.8 31 Aug 6.214 - 20.8 31 Nov 24.135 - 24.0	0.7 1.3 4.0 2.7		36 36 27 38
19:24.8 +24 33 HD 183491 8 Vul W 11915		14 May 14.434 - 24.9 14 Jun 4.467 - 24.2 14 Jul 5.262 - 29.6	1.0 0.4			19:26.7 +27 45 HD 183914 ADS 12540B W 11941		10 Aug 19.256 + 0.8 11 Apr 18.488 - 19.9 12 Aug 31.352 - 7.0 13 Jun 22.469 - 15.2 13 Jul 15.436 - 11.0	3.1 6.0 4.0 10.6		50
19:24.8 +14 23 HD 183492 W 11918		23 Oct 24.158 - 35.8 25 Jul 13.359 - 40.2 25 Jul 13.403 - 44.0	1.8 0.2		36 36 36	19:27.0 +59 34 HD 183968 W 11929		26 May 19.435 - 27.6 31 Jul 2.421 - 24.6 34 Jun 4.417 - 22.4	1.2		36 36 36
19:24.9 +12 12 HD 183512 ADS 12515AB W 11921		39 Aug 28.220 - 14.7 39 Nov 11.158 - 15.8 40 Jun 16.442 - 14.7 40 Jul 22.252 - 20.4 40 Sep 20.244 - 18.0 40 Sep 25.219 - 15.8			36 36 36 36 36 36	19:27.1 +36 01 HD 183986 ADS 12545A W 11942		46 Sep 12.163 + 8.2 47 Jun 27.316 + 17.5 48 Aug 20.180 - 1.3 50 Jun 1.422 + 7.8			36 36 36 36
19:25.0 +52 07 HD 183534 7 Cyg W 11903		11 Aug 12.298 - 1.6 12 Jul 8.430 + 18.6 12 Aug 4.385 - 4.0 12 Aug 27.355 + 7.0 12 Sep 19.244 + 9.1 12 Oct 27.135 + 6.5 12 Nov 27.075 - 4.3	2.0 2.4 5.0 1.9 2.4 3.7 1.1			19:27.2 +45 56 HD 184008 AF Cyg W 11940		See ApJ 96, 344, 1942			
19:25.0 +34 23 HD 183536 W 11914		42 Jun 1.456 - 53.0 44 Sep 2.211 - 44.5 45 Oct 17.121 - 53.6	1.4		36 80 80	19:27.2 +26 24 HD 184010 W 11945		36 Jun 28.390 - 0.2 42 Jul 1.396 + 3.5 46 Sep 10.155 + 3.1 46 Sep 10.184 + 3.8			38 36 80 36
						19:27.2 +17 35 HD 231683 ADS 12557A W 11947		21 Sep 12.209 - 57.2 21 Sep 16.166 - 59.4 21 Oct 9.205 - 56.7	1.0		37 37 37
						19:27.5 +00 23 BD+0°4241 W 11953		44 Aug 5.259 - 43.0 44 Sep 24.144 - 35.9			108 108

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e. ($\frac{\text{\AA}}{\text{mm}}$)	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e. ($\frac{\text{\AA}}{\text{mm}}$)	D ($\frac{\text{\AA}}{\text{mm}}$)
19:27.8 +35 57 BD+35°3659 W 11949		23 Jun 25.476 23 Jun 26.472 23 Jul 25.375	-178.0 -171.4 -166.8	± 6.1	81 81 76	19:30.1 +25 08 HD 184590 W 11976		44 Jun 11.462 48 Jun 23.437	+ 25.5 + 22.4		80 80
19:28.0 +07 11 HD 184152 ADS 12583A W 11956		43 Aug 13.249 45 Aug 25.210 46 Aug 11.233 49 Jul 6.404	- 15.7 - 5.5 - 17.8 - 12.4	1.1	80 80 80 80	19:30.2 +19 33 HD 184606 9 Vul ADS 12622A W 11979		12 Aug 30.306 13 Apr 22.495 13 May 22.467 17 Sep 9.300	+ 13.5 + 13.8 - 6.2 - 15.5	± 8.3 2.7 8.0	
19:28.2 +04 49 HD 184201 W 11958		43 May 17.495 49 Aug 10.302 49 Sep 5.217	+ 3.7 - 3.0 + 4.2	5.0	80 80 80	19:30.4 +56 10 HD 239124 XZ Cyg W 11964		14 Sep 9.299 16 May 15.459 16 Jul 20.373 17 May 4.465 20 Aug 3.359 21 Jun 26.396 21 Jun 26.435 21 Jul 13.278 22 May 5.403 24 Nov 8.155 26 May 22.424 30 Dec 3.146 46 May 20.486	-144.5 -161.6 -140.3 -180.1 -151.3 -145.7 -139.3 -172.4 -158.4 -162.8 -178.7 -170.3 -150.1	4.4 2.3 6.0 10.2 7.9 1.6 1.0 1.0	80 36 81 81 76 81 37 37 76 124
19:28.5 -24 05 HD 184268 W 11967		25 Jul 15.368 25 Jul 31.325 25 Oct 1.140	- 10.2 - 10.1 - 13.6	2.3	36 36 36	19:30.6 -00 26 HD 184700 W 11992		43 Jul 12.405 45 Aug 22.213 46 Aug 11.281	- 25.4 - 20.7 - 20.9		80 80 80
19:28.7 +50 06 HD 184293 W 11952		28 Oct 5.137 47 Jun 28.443	- 4.8 - 12.0	2.7	36 36	19:30.8 +30 18 HD 184738 W 11983		20 Sep 2.184	- 24.8		37
19:29.0 +20 12 HD 184360 ADS 12594A W 11959		19 Jul 6.462 19 Sep 4.248 19 Sep 11.280 19 Nov 7.143 20 Jul 25.410 20 Sep 3.195 21 Jun 21.383 21 Jul 17.389	- 57.6 - 47.0 - 40.1 - 57.1 - 58.0 - 62.4 - 47.1 - 49.4	2.3 1.9 2.2 3.8	36 36 36 36 36 36 36 36	19:30.9 +29 14 HD 184759 9 Cyg W 11984		30 Sep 7.297 31 May 9.512 42 Sep 24.133	- 11.6 - 8.0 - 18.0		36 36 10
19:29.0 +20 12 ADS 12594B W 11960		43 Sep 21.162 44 Jul 1.390 45 Jun 26.402	- 46.0 - 40.5 - 41.2		80 80 80	19:30.9 +00 02 HD 184767 W 11995		41 Jun 11.459 42 Aug 24.192 43 May 20.483	- 18.5 - 16.1 - 18.1		36 36 36
19:29.1 +27 11 HD 184384 W 11962		45 Aug 25.240 46 Sep 16.184 49 Aug 11.285	+ 4.9 - 0.2 + 0.5		80 80 80	19:30.9 -00 07 HD 184768 ADS 12644A W 11994		38 Jun 8.457 39 Jul 8.356 40 Aug 23.256 45 Aug 22.247 46 Aug 12.290 46 Sep 20.134	- 6.0 - 13.5 - 12.9 - 22.6 - 19.7 - 13.1		63 70 36 80 80 80
19:29.2 +55 31 HD 184398 W 11954		See ApJ 61, 320, 1925				19:31.0 +49 02 HD 184786 W 11977		45 Sep 1.161 49 Aug 9.326 49 Oct 13.124	- 5.4 - 13.1 - 12.2	0.3	36 80 80
19:29.5 +58 24 HD 184467 W 11955		10 Jun 24.397 10 Jun 25.416 10 Jun 27.395 12 Aug 6.323 12 Aug 20.305 12 Sep 28.145 35 May 24.465 35 Jul 17.381 35 Aug 14.278 35 Sep 11.265 41 May 8.482 47 Sep 8.284	+ 5.7 - 7.8 - 5.6 + 9.2 + 14.1 + 10.0 + 5.4 + 13.0 + 14.7 + 13.7 + 12.0 + 12.2	1.7 1.1 1.7	50 50 50 36 38 38 80 80 36	19:31.2 +72 03 HD 184824 W 11957		42 Oct 26.161 43 Jul 20.388 44 Jun 29.330	- 25.4 - 29.5 - 25.0		80 36 80
19:29.6 +04 21 HD 184489 W 11975		25 Aug 3.315 25 Aug 12.290 25 Aug 29.290	- 54.1 - 51.9 - 47.2	1.2	76 76 76	19:31.2 -18 28 HD 184835 W 12011		26 Sep 27.174 28 Aug 28.201 29 Jun 21.442	- 11.7 - 1.6 - 7.2	2.6 0.2	36 36 36
19:29.7 +32 59 HD 184499 W 11968		10 May 20.413 10 May 21.400 10 May 22.367 11 Apr 15.477 11 May 16.444 12 Aug 20.278 12 Sep 29.155	-180.8 -158.3 -161.8 -161.9 -161.8 -164.8 -160.8	3.6 4.1 1.6 0.7 1.1 0.3	50 50 50	19:31.3 +05 48 HD 184853 ADS 12661A W 12000		26 Jul 27.436 26 Sep 22.234 26 Oct 19.146	+ 13.6 + 12.2 + 11.4	0.3 0.0	36 36 36
19:29.9 -24 56 HD 184552 51 Sgr W 11987		23 Aug 23.264 23 Oct 25.108	- 28.6 - 65.8	1.6 6.2	36 36	19:31.3 -10 39 HD 184860 ADS 12664A W 12009		23 Jun 7.474 24 Jun 12.453 24 Jul 13.363 24 Sep 8.208	+ 71.3 + 66.2 + 61.9 + 74.7	1.6 4.4 1.7 0.9	37 76 76 76
						19:31.5 -07 15 HD 184915 39 κ Aql W 12012		11 Jun 7.451 11 Jun 18.457 12 Jul 28.396	- 38.0 + 7.2 + 16.2	2.8 0.9 3.6	

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)
19:31.6 +67 29		42 Sep 29.207	- 42.6		80	19:34.3 +15 30		See ApJ 96, 344, 1942			
HD 184926		45 Oct 18.150	- 33.8		80	HD 353315					
W 11969		46 Jun 15.364	- 36.2		80	LU Aq1					
						W 12037					
19:31.8 +51 01		19 Aug 17.302	- 2.5		36	19:34.3 +05 10		12 Aug 30.272	-218.3 ¹		
HD 184960		20 Jun 25.443	+ 0.2		36	HD 185507			+148.8 ²		
W 11988		20 Aug 27.175	+ 2.6	± 0.1	36	44 σ Aq1		12 Sep 21.250	- 12.5	± 4.3	
						ADS 12737A					
19:31.9 -14 31		30 Jul 5.406	- 15.9	1.5	36	W 12038					
HD 184985		30 Sep 11.185	- 13.1		36						
W 12017		30 Oct 7.149	- 15.0	0.2	36						
						19:34.7 +08 23		See ApJ 115, 25, 1952			
19:32.2 +36 43		14 Jul 9.396	- 3.3	24.6		EZ Aq1					
HD 185037		14 Sep 7.167	- 27.0	4.1		W 12040					
11 Cyg		15 May 25.438	- 5.0	7.5							
W 12008		16 Sep 9.163	- 22.1	3.7		19:34.9 +16 21		46 Jul 13.294	- 7.0		36
		17 Sep 8.324	- 12.3			HD 185622		47 Oct 1.114	- 7.3		80
		17 Nov 2.156	- 21.9	2.9		ADS 12750A		49 Sep 7.202	- 3.5		80
						W 12042					
19:32.2 +20 07		See ApJ 67, 326, 1928				19:35.0 -16 31		16 Sep 19.181	- 57.4	2.6	
HD 185059		114, 331, 1951				HD 185644		17 Jul 9.317	- 55.8	1.2	
U Vul						54 Sgr		19 Aug 11.290	- 53.7		36
W 12014						ADS 12767A					
						W 12053					
19:32.3 +20 07		See ApJ 67, 326, 1928				19:35.1 +49 02		35 Jul 11.350	- 85.3		38
HD 185059						HD 185657		38 May 10.505	- 79.5		80
U Vul						W 12036		42 Aug 1.362	- 90.3		36
W 12014											
19:32.4 -00 22		42 Aug 24.236	+ 4.1		36	19:35.4 +71 23		33 Sep 29.213	+ 10.3		36
HD 185090		44 Aug 1.309	+ 5.3		36	HD 185713		45 Jul 21.264	+ 25.6	0.8	36
W 12019		44 Aug 30.248	+ 11.6		36	ADS 12690A		46 Jul 10.398	+ 16.1		36
						W 12018		47 Jun 26.352	+ 12.9		36
19:32.5 -04 52		33 Oct 9.114	- 37.2	2.7	36	19:35.8 +69 35		44 Jun 29.433	- 10.8		80
HD 185124		34 Apr 20.521	- 41.7		36	HD 185799		48 Aug 20.254	- 10.6		80
42 Aq1		34 Sep 2.192	- 34.5		36	W 12028		48 Sep 24.205	- 8.9		80
W 12023											
19:32.6 +69 29		16 Jul 13.400	+ 30.4	0.8		19:35.9 +00 28		40 Sep 16.176	+ 0.5		36
HD 185144		17 Jun 11.406	+ 32.7			HD 185823		41 Sep 30.165	- 10.7		36
61 σ Dra		17 Jun 29.372	+ 34.0			W 12062		42 Jul 24.356	+ 4.2	3.3	36
W 11981		17 Sep 3.306	+ 25.5	1.2				49 Aug 8.270	- 5.1		80
19:32.8 +16 14		29 Jun 22.401	- 36.6	0.2	36	19:36.1 +63 37		24 Oct 12.170	- 39.4	6.6	76
HD 185194		29 Aug 25.222	- 34.5		36	HD 185855		27 Jul 9.473	- 39.0		37
4 ϵ Sge		30 Sep 5.194	- 29.1	0.9	80	ADS 12730A		47 Jun 30.440	- 28.0		80
ADS 12693A						W 12034		49 Jul 8.305	- 34.8		80
W 12020											
19:33.2 +50 01		34 May 29.473	+ 5.3		36	19:36.1 +63 37		25 Aug 14.294	- 23.5	0.4	76
HD 185264		36 Sep 2.177	+ 9.4		38	ADS 12730B		47 Jun 30.380	- 24.0	6.6	80
W 12016		46 Jul 10.352	+ 10.3		36	W 12035		48 Jul 3.382	- 17.6	6.0	80
								49 Jul 8.351	- 25.6		80
19:33.3 +00 07		37 Sep 27.145	+ 0.4		38	19:36.2 +42 35		11 Jul 7.431	- 40.5	1.0	
HD 185297		42 Jul 25.314	- 6.2	4.3	36	HD 185872		11 Jul 18.375	- 38.3	1.4	
ADS 12708A		49 Aug 8.250	- 3.4	10.1	80	14 Cyg		12 Jul 27.360	- 36.8	1.1	
W 12030		49 Oct 11.183	+ 11.2		80	W 12052					
19:33.8 +63 12		28 Jun 29.414	+ 10.3		36	19:36.4 +54 44		30 Aug 13.294	- 22.6	3.1	36
HD 185394		29 May 22.483	+ 4.0		36	HD 185912					
W 12013		29 Sep 24.253	+ 13.2		36	W 12049					
19:33.8 +49 59		16 May 17.478	- 28.0	0.4		19:37.5 +42 50		45 Sep 1.214	+ 0.8		36
HD 185395		17 Jun 11.415	- 27.5	0.5		HD 186121		49 Sep 6.161	- 4.5		80
13 θ Cyg		17 Jul 31.401	- 24.6	2.7		W 12069					
ADS 12695A		17 Oct 1.223	- 25.4	1.0							
W 12022											
						19:37.7 +45 17		18 Jul 17.410	- 20.4	0.6	36
19:34.1 -23 40		28 May 31.467	- 23.9	0.6	36	HD 186155		18 Sep 24.263	- 15.2	0.5	36
HD 185467		28 Jul 9.377	- 29.1		36	W 12073		18 Oct 27.110	- 24.2	0.9	36
W 12041		28 Aug 3.305	- 29.3	3.1	36			19 Aug 13.283	- 24.9		36
								19 Nov 13.107	- 17.3		36

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)
19:37.9 +11 35 HD 186203 47 x Aq1 ADS 12808AB W 12079		19 Jul 16.459 - 26.2 19 Jul 16.473 - 20.2 19 Aug 13.260 - 30.7		± 2.9	36 36 36	19:40.8 +29 01 HD 186688 SU Cyg W 12115		18 Jul 18.344 - 38.8 18 Jul 19.485 - 70.4 18 Jul 22.182 - 33.0 18 Jul 23.315 - 68.6		± 1.3 1.7 1.7 0.1	36 36 36 36
19:38.9 +24 22 HD 186379 W 12094		45 Jul 20.309 - 9.8 45 Aug 20.203 - 10.7 46 Jul 11.362 - 7.9			36 36 36	19:40.9 +04 00 HD 186704 ADS 12882A W 12128		44 Oct 23.121 - 9.9 44 Nov 8.160 - 11.3 44 Dec 6.115 - 1.7 45 May 19.465 - 9.6			80 70 80 36
19:39.1 +50 17 HD 186408 16 Cyg A ADS 12815A W 12083		10 Jun 27.429 - 27.2 10 Jun 28.436 - 30.3 10 Aug 17.273 + 1.0 13 Jul 24.386 - 28.5 13 Aug 15.353 - 27.0 13 Sep 10.322 - 23.4		12.4 1.7 0.7 0.7	50 50 50	19:40.9 +04 00 ADS 12882B W 12129		44 Oct 22.151 + 13.5 44 Oct 24.123 + 33.4 44 Oct 26.175 - 2.8 45 May 22.466 - 1.4 45 Jul 27.365 + 12.4			108 108 110 110 70
19:39.2 +50 17 HD 186427 ADS 12815B W 12084		10 Jun 27.457 - 21.2 10 Jun 28.462 - 50.2 10 Aug 17.297 - 23.1 13 Jul 24.417 - 26.6 13 Sep 11.351 - 27.3 16 Sep 9.206 - 30.2		2.0 1.5 1.0 2.0	50 50 50	19:41.0 -11 11 DY Aqr W 12134		See ApJ 115, 25, 1952			
19:39.8 +26 54 HD 186518 ADS 12850A W 12101		19 Jun 12.472 - 6.6 19 Jul 19.341 - 7.3 19 Aug 4.388 - 13.1 21 Sep 20.215 - 17.6 22 Jul 9.383 - 13.0 22 Aug 11.295 - 21.0 22 Oct 30.203 - 18.9 29 May 23.451 - 10.3 29 May 25.367 - 1.9		3.5 3.5 3.3 3.3	36 36 36 36 36 36 36 36	19:41.2 +23 41 HD 186746 W 12123		20 Jun 8.468 - 24.7 20 Aug 5.281 - 8.4 20 Aug 28.232 + 15.7 20 Sep 22.225 + 24.8 20 Sep 28.254 - 1.0 20 Sep 29.160 - 3.6			36 36 36 80 36 36
19:39.9 +55 13 HD 186532 W 12093		45 Jun 18.419 - 24.5 49 Sep 6.181 - 32.6 49 Oct 13.142 - 29.0		1.6	36 80 80	19:41.4 +40 28 HD 186776 W 12120		45 Sep 2.212 - 95.0 49 Sep 6.198 - 90.3			36 80
19:40.0 +13 03 HD 186547 48 ψ Aq1 W 12105		11 Aug 15.304 - 26.9 11 Sep 12.228 - 2.5 11 Sep 18.222 + 16.2		1.4 0.7 3.5		19:41.5 +10 22 HD 186791 50 γ Aq1 W 12137		32 Oct 23.109 + 6.4 32 Nov 17.128 + 1.1 33 Apr 5.545 - 1.8 33 May 7.466 - 4.2 33 Jul 1.325 - 2.2 33 Sep 10.127 - 0.2 33 Nov 7.118 + 2.2 33 Nov 9.111 + 3.8 33 Nov 28.134 - 0.0 34 Jun 29.316 - 4.5 35 Mar 26.508 - 1.9 35 Aug 16.244 - 2.6 36 Jul 1.331 - 7.5 36 Oct 1.154 + 0.6 40 Sep 20.177 + 10.7		0.5 0.5 2.3	38 38 36 36 36 38 38 38 36 27 38 27 38 65
19:40.2 +10 32 HD 186587 ADS 12864AB W 12110		42 May 23.476 - 1.7 47 Jun 27.398 + 3.2 47 Aug 27.242 - 6.7			36 36 80	19:41.8 +33 22 HD 186858 ADS 12889A W 12132		18 Jul 18.444 + 6.7 18 Aug 28.369 + 11.3 19 Oct 4.208 + 2.0 19 Nov 4.138 + 1.5		2.3 2.1	36 70 37 37
19:40.2 +10 32 ADS 12864C W 12111		45 Aug 21.248 - 15.3 47 Aug 27.264 - 36.6 48 Jun 24.410 + 6.5 50 Jun 29.426 - 10.2		4.9 2.2	80 80 80 80	19:41.8 +33 22 ADS 12889B		19 Nov 4.138 + 5.7			37
19:40.2 +04 39 NO Aq1 W 12113		See ApJ 96, 344, 1942				19:41.9 +44 53 HD 186882 ADS 12880A W 12126		22 May 6.509 - 21.8 25 Sep 3.251 - 13.4 28 May 14.472 - 61.3		6.2 11.3	36 36 36
19:40.4 +41 32 HD 186619 W 12103		15 Nov 23.091 - 43.3 16 Jul 18.431 - 39.4 16 Aug 16.321 - 38.4		1.3 1.7 0.8		19:41.9 +28 05 HD 186884 W 12140		19 Sep 11.208 - 9.7 47 Aug 28.200 - 16.8 47 Sep 29.159 - 6.0			37 80 80
19:40.5 -20 00 HD 186648 56 Sgr W 12127		14 Sep 2.204 + 14.8 14 Sep 6.231 + 14.8 14 Sep 29.183 + 20.3 15 Sep 23.149 + 16.0		3.2 0.5 2.4 2.3		19:42.1 +76 10 HD 186922 W 12086		37 Jun 17.395 - 6.3 46 Jun 13.450 - 5.7 46 Aug 10.202 - 12.5			80 80 80
19:40.7 +37 07 HD 186675 15 Cyg W 12109		19 Jun 19.481 - 24.1 19 Jun 19.496 - 25.5 19 Jul 15.380 - 27.4		0.2	36 36 36	19:42.1 +34 46 HD 186927 ADS 12900A W 12142		20 Aug 27.278 - 19.8 20 Oct 3.156 - 17.2 20 Nov 2.128 - 17.4			36 36 36

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel.	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel.	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)
19:42.6 +33 30		18 Jun 24.438	- 0.6	± 2.3	36	19:45.0 +35 04		19 Sep 21.267	- 20.0	± 0.8	37
HD 187013		18 Aug 25.194	+ 2.8	0.6	70	HD 187458		19 Nov 4.146	- 27.9		36
17 Cyg		18 Sep 24.273	+ 2.0	2.4	36	ADS 12972A		20 Jun 9.390	- 20.1	1.5	36
ADS 12913A						W 12180		20 Jul 30.363	- 38.1	0.5	36
W 12150								20 Oct 27.148	- 29.2		36
								20 Nov 23.124	- 31.5		36
19:42.6 +33 30		18 Sep 26.240	+ 3.6	2.0	80	19:45.3 -11 01		45 Jul 19.330	+ 12.4	1.8	36
ADS 12913B		19 Jun 15.453	+ 3.6		80	HD 187532		46 Jul 12.320	+ 2.1		36
W 12151		20 Oct 22.214	+ 1.2		37	51 Aql		46 Oct 12.132	+ 2.2		36
19:42.6 +31 46		44 Aug 8.294	+ 7.0		108	ADS 13017A					
BD+31°3767		44 Sep 25.142	- 0.7		108	W 12192					
W 12148						19:45.6 +42 47		See ApJ 115, 25, 1952			
19:42.8 +55 35		44 Jul 30.294	- 3.6		80	DF Cyg					
HD 187053		47 Jul 4.401	- 7.0		80	W 12185					
W 12139		48 Jul 29.318	- 5.6		80						
19:42.9 +18 17		16 Oct 12.138	- 1.1			19:45.9 +38 28		14 Jun 5.464	+ 9.4		
HD 187076		17 Jul 9.339	- 3.6	1.2		HD 187638		14 Jul 1.339	+ 11.2		
7 δ Sge		17 Aug 1.274	- 3.4	2.1		ADS 12992A		14 Aug 7.331	+ 11.1	3.9	
W 12160		32 May 17.470	+ 7.0		38	W 12189					
		35 Apr 24.432	+ 5.1		36	19:45.9 +08 36		16 Apr 15.513	- 28.8		
		35 Jul 23.314	+ 3.2		27	HD 187642					
19:43.2 +14 19		See ApJ 115, 25, 1952				53 α Aql					
HD 353685						ADS 13009A					
KK Aql						W 12193					
W 12162						19:46.1 +37 56		42 Jul 6.438	+ 1.7		110
19:43.4 +44 49		24 Jul 13.445	- 33.3	1.5	76	NO Cyg					
BD+44°3242		24 Aug 16.381	- 43.4	0.1	76	19:46.2 +10 10		23 Jun 22.476	+ 1.6	0.4	36
W 12156		24 Aug 21.387	- 34.5		76	HD 187691		24 Oct 20.121	- 5.0	3.2	36
		24 Sep 8.278	- 29.0	4.9	76	54 α Aql		24 Oct 20.136	- 4.2	2.7	36
19:43.6 +25 08		40 Oct 16.118	- 17.0		36	ADS 13012A		24 Nov 7.108	+ 1.8		76
HD 187193		45 Jun 22.401	- 16.7		36	W 12200					
W 12163		45 Sep 18.181	- 18.2		36	19:46.3 +13 44		See ApJ 115, 25, 1952			
19:43.6 +03 27		See ApJ 96, 344, 1942				HD 353895					
HD 187205						TW Aql					
WX Aql						W 12202					
W 12168						19:46.4 -19 18		34 May 31.476	- 38.2	1.2	36
19:43.6 -11 07		24 Jun 17.399	- 34.2	1.2	36	HD 187739		35 Jun 23.403	- 19.7		38
HD 187195		24 Jul 9.396	- 37.0	1.1	36	57 Sgr		42 Sep 3.230	- 19.2		36
W 12170		24 Jul 12.331	- 40.6	2.0	36	W 12212		47 Jun 29.408	- 26.3		36
		24 Aug 13.335	- 35.3	0.3	36	19:46.8 +44 54		26 Jul 2.426	- 19.6	1.6	37
19:43.9 +27 36		47 Jun 28.400	- 30.7		36	HD 187810		27 Oct 21.168	- 16.6		37
HD 187237		47 Aug 30.225	- 33.1		36	ADS 13010A		28 Oct 7.159	- 24.1		37
W 12164		47 Oct 4.159	- 34.6		36	W 12197					
19:44.0 +11 34		24 Jul 12.492	+ 8.7	0.7	36	19:47.0 +38 27		22 Aug 11.339	- 33.1		36
HD 187259		24 Jul 13.297	+ 13.5		36	HD 187849		26 Jun 3.449	- 38.8	0.8	36
52 π Aql		25 Sep 24.157	+ 14.2	3.4	36	19 Cyg		26 Jun 3.483	- 36.9		36
ADS 12962A						ADS 13014A					
W 12172						W 12204					
19:44.2 +27 02		See ApJ 115, 25, 1952				19:47.2 +40 20		12 Aug 30.348	+ 79.3	3.6	
HD 338867						HD 187879		12 Sep 19.299	- 53.4	1.5	
S Vul						V380 Cyg		12 Nov 1.116	+ 85.6	0.0	
W 12173						W 12207					
19:44.6 +47 39		45 Sep 25.138	+ 7.4		36	19:47.2 +37 35		45 Sep 25.190	- 13.8		36
HD 187372		49 Sep 6.213	- 9.7	3.6	80	HD 187880		49 Sep 6.226	- 19.7		80
W 12165		49 Oct 13.158	- 1.2		80	W 12209					
		49 Nov 6.117	- 3.1		80	19:47.4 +27 12		See ApJ 86, 363, 1937			
						HD 187921		123, 201, 1956			
						SV Vul					
						W 12214					

TABLE 2—Continued

R.A. (1900) Name	Decl. (1900)	Date (UT)	Vel. (km sec ⁻¹)	p.e. ($\frac{\text{\AA}}{\text{mm}}$)	σ_D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl. (1900)	Date (UT)	Vel. (km sec ⁻¹)	p.e. ($\frac{\text{\AA}}{\text{mm}}$)	σ_D ($\frac{\text{\AA}}{\text{mm}}$)
19:47.4 +00 45 HD 187929 n Aql W 12220		16 Nov 13.099 - 22.6 17 May 3.503 - 27.3 17 Aug 1.259 - 0.4 18 May 24.490 - 34.2 26 May 21.448 - 2.0 26 May 21.464 + 2.2 26 May 21.478 + 1.7 26 Jul 20.322 - 24.7 26 Jul 20.330 - 29.1 29 Jul 16.328 - 25.8 33 Jul 10.376 - 20.8 33 Jul 12.276 - 26.7	- 22.6 - 27.3 - 0.4 - 34.2 - 2.0 + 2.2 + 1.7 - 24.7 - 29.1 - 25.8 - 20.8 - 26.7	± 0.3	36 36 36 81 36 36 36 36 36 Ce Ce Ce	19:49.2 +16 31 HD 188262 W 12242		22 Sep 3.327 + 4.4 23 Jun 26.383 - 2.4 24 Jun 15.461 - 5.5 24 Aug 10.336 - 2.3	+ 4.4 - 2.4 - 5.5 - 2.3	± 1.4 4.0 0.6	36 36 36 36
19:47.8 +30 53 HD 187981 ADS 13038A W 12216		35 Jul 10.357 + 7.6 47 Jun 26.393 + 14.2 47 Aug 29.283 - 5.1	+ 7.6 + 14.2 - 5.1	3.9 2.4 5.6	38 36 80	19:49.2 +01 41 HD 188268 W 12244		43 Aug 11.252 + 12.6 45 Jul 23.353 + 15.6 46 Aug 7.303 + 6.8	+ 12.6 + 15.6 + 6.8		80 80 80
19:47.9 +18 25 HD 188001 9 Sge W 12222		12 Jun 6.425 - 8.5 12 Aug 6.301 - 12.6 12 Aug 18.289 - 12.0 16 Jul 18.397 + 15.0 16 Oct 8.164 + 2.2 17 Jun 6.470 - 12.2 17 Jun 29.450 - 13.6 17 Jul 4.363 + 6.7 17 Aug 10.261 - 19.7 17 Sep 7.324 - 3.7	- 8.5 - 12.6 - 12.0 + 15.0 + 2.2 - 12.2 - 13.6 + 6.7 - 19.7 - 3.7	2.5 1.0 0.7 1.0 3.9	36 36 36 36 36 36 36 36 36 36	19:49.3 -08 29 HD 188293 57 Aql ADS 13087A W 12250		12 May 29.427 + 14.0 12 Sep 27.181 - 14.6 12 Oct 29.109 - 15.3 13 Apr 27.508 - 21.3	+ 14.0 - 14.6 - 15.3 - 21.3	12.2 6.1 0.2 1.6	
19:48.1 -03 22 HD 188041 W 12231		20 Jun 26.349 - 18.5 22 Aug 8.264 - 23.2 23 May 8.498 - 16.2	- 18.5 - 23.2 - 16.2	5.5 3.4 4.9	36 36 36	19:49.4 +01 41 HD 188311 W 12249		43 Aug 11.290 + 13.4 45 Jul 23.389 + 8.5 46 Aug 7.351 + 6.0	+ 13.4 + 8.5 + 6.0		80 80 80
19:48.2 +52 45 HD 188056 20 Cyg W 12213		18 Sep 24.249 - 13.8 18 Nov 23.107 - 20.2 19 Jun 19.460 - 14.4	- 13.8 - 20.2 - 14.4	0.9 1.1	36 36 36	19:49.5 +38 30 HD 188326 W 12236		23 Jun 6.450 - 71.8 24 Jun 12.482 - 70.9 24 Jul 11.471 - 72.0	- 71.8 - 70.9 - 72.0	0.8 0.0 1.1	37 76 76
19:48.3 -24 11 HD 188088 ADS 13072A W 12238		21 Sep 22.153 - 3.8 22 Jun 3.477 - 9.6 24 Aug 13.264 - 9.9 24 Sep 9.203 - 3.0	- 3.8 - 9.6 - 9.9 - 3.0	6.5 3.2 0.5 0.8	36 36 36 36	19:50.0 +03 49 HD 188427 W 12260		44 Jul 29.310 + 58.0 45 Sep 6.229 + 51.5 47 Aug 6.334 + 42.6 49 Jul 5.380 + 48.9	+ 58.0 + 51.5 + 42.6 + 48.9	0.8 4.9	80 80 80 80
19:48.7 -08 51 HD 188154 56 Aql W 12240		18 Jul 21.373 - 46.6 18 Aug 26.283 - 53.9 18 Sep 16.170 - 49.1	- 46.6 - 53.9 - 49.1	3.8	36 70 70	19:50.1 +03 45 HD 188442 W 12261		44 Oct 9.121 + 3.5 45 Sep 6.280 + 0.7 47 Jul 2.403 - 0.3	+ 3.5 + 0.7 - 0.3		80 80 80
19:49.0 +46 47 HD 188209 W 12227		13 Oct 21.149 - 2.2 13 Nov 8.168 - 14.7 13 Dec 10.083 - 5.4 14 Oct 11.113 + 0.9	- 2.2 - 14.7 - 5.4 + 0.9	3.5 2.3 4.0 1.8	36 36 36 36	19:50.3 +24 04 HD 188485 W 12258		11 Sep 13.231 + 13.4 11 Oct 9.216 - 11.1 11 Oct 11.166 - 16.9 12 Sep 23.300 + 14.7 12 Nov 29.071 - 29.2 13 Aug 17.408 - 0.7	+ 13.4 - 11.1 - 16.9 + 14.7 - 29.2 - 0.7	9.7 4.1 1.9 8.7 7.5 7.4	
19:49.0 +36 18 V465 Cyg W 12229		48 Jun 12.450 - 566. 48 Jun 15.435 - 568. 48 Jun 20.378 - 562. 48 Jun 27.344 - 563. 48 Jul 15.399 - 573. 48 Jul 27.413 - 566. 48 Oct 16.156 - 607. -1614.	- 566. - 568. - 562. - 563. - 573. - 566. - 607. -1614.	3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8	36 70 70 70 70 70 70 70	19:50.4 +06 09 HD 188512 60 B Aql ADS 13110A W 12266		15 Jun 24.488 - 43.9 16 May 20.482 - 38.2 16 Jun 22.461 - 41.8 17 Oct 8.143 - 39.0 20 Sep 1.155 - 44.3	- 43.9 - 38.2 - 41.8 - 39.0 - 44.3	1.2 1.2 2.0 3.1	37
19:49.2 +53 26 BS Cyg W 12228		44 Apr 19.479 - 10.3	- 10.3		108	19:50.6 +45 12 HD 188537 W 12255		39 Jul 4.386 - 17.9 40 Jun 21.461 - 16.2 41 Jun 16.404 - 19.2	- 17.9 - 16.2 - 19.2	2.2	36 36 36
						19:50.8 +37 47 CV Cyg W 12259		31 Aug 4.349 + 78.5	+ 78.5		76
						19:50.8 -27 26 HD 188603 59 Sgr W 12278		25 Jun 13.460 - 12.1 25 Jun 13.484 - 36.9	- 12.1 - 36.9		36 36
						19:51.1 +36 44 HD 188650 W 12269		14 Jun 11.453 - 22.2 14 Jul 1.375 - 25.3 14 Aug 6.387 - 25.0	- 22.2 - 25.3 - 25.0	2.3	
						19:51.2 +38 41 QY Cyg		41 Jul 2.365 - 81.9 41 Aug 2.413 - 88.1 42 Aug 3.427 -137. 42 Sep 3.349 -150. 42 Sep 30.201 -164.9 43 Jul 9.345 -136.	- 81.9 - 88.1 -137. -150. -164.9 -136.		110 110 220 220 220 220

TABLE 2—Continued

R.A. (1900) Name	Decl. (1900)	Date (UT)	Vel. (km sec ⁻¹)	p.e. ($\frac{\text{\AA}}{\text{mm}}$)	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl. (1900)	Date (UT)	Vel. (km sec ⁻¹)	p.e. ($\frac{\text{\AA}}{\text{mm}}$)	D ($\frac{\text{\AA}}{\text{mm}}$)
19:51.5 +16 22		18 Jun 22.449	- 19.0	± 1.7	36	19:53.9 +64 27		31 Sep 28.214	+ 0.4	± 1.0	36
HD 188727		18 Jul 21.316	+ 3.2		36	HD 189231		34 Jun 1.474	+ 1.1		36
S Sge		18 Jul 24.258	- 23.0		36	W 12285		35 Jul 19.339	+ 0.9		38
W 12275		19 Jun 13.354	+ 4.1		36						
19:51.6 +41 36		34 Jul 28.302	- 20.9		36	19:53.9 -33 58		21 May 14.500	- 14.0	3.8	37
HD 188753		42 May 31.467	- 22.3		36	HD 189245		22 Jun 9.447	- 11.4	3.3	37
ADS 13125AB		47 Aug 7.308	- 18.1		80	W 12333		22 Sep 30.195	- 21.8	0.1	37
W 12273											
19:51.8 -12 49		27 Jun 13.458	+ 6.4		76	19:54.0 +50 38		14 Sep 28.216	- 24.2	11.3	
HD 188807		27 Jul 12.391	- 1.4		76	HD 189253		48 Sep 21.222	- 13.0		36
W 12291		27 Jul 13.440	+ 5.9		76	W 12308		50 Jun 1.441	- 17.1		36
19:52.2 +39 55		23 Nov 2.190	- 22.2		36	19:54.4 -10 13		13 Oct 17.118	+ 18.8	2.4	
HD 188875		49 Jul 4.426	- 13.3		80	HD 189340		14 May 17.416	+ 21.5	1.7	
W 12280		49 Aug 12.234	- 15.5		80	W 12331		14 Jul 8.399	+ 29.0	1.8	
								18 Aug 18.256	+ 19.1		36
19:52.2 +32 48		24 Sep 16.148	- 10.6	6.0	36	19:54.5 +66 28		42 Aug 25.266	+ 3.9		36
HD 188876		48 Aug 20.195	- 28.4		36	HD 189344		45 Jul 21.309	+ 1.8		38
W 12284		50 Jun 1.394	- 3.3		36	W 12292		46 Jun 13.478	- 3.4		80
		50 Nov 2.117	- 25.8		80						
19:52.3 +38 13		12 Jul 31.436	+ 31.0	2.1		19:54.6 +41 59		14 Jun 10.431	+ 19.3	15.5	
HD 188892		12 Sep 30.188	- 29.4	2.4		HD 189377		14 Jul 4.360	+ 20.9	1.7	
22 Cyg		12 Oct 20.131	- 26.1	1.8		ADS 13186A		14 Aug 12.280	- 43.9	1.7	
W 12283		12 Nov 26.105	- 40.6	0.4		W 12316		16 Sep 10.230	+ 10.2	2.7	
		17 Jul 4.451	- 33.2	1.7							
		17 Sep 9.331	- 28.0			19:54.6 +33 00		19 Sep 21.240	- 20.9		37
19:52.4 +04 57		45 Aug 24.222	- 5.4	2.3	80	HD 189378		49 Sep 7.218	- 22.8		80
HD 188914		47 Jun 6.475	- 20.4	1.0	80	ADS 13196A		49 Oct 10.156	- 23.5		80
ADS 13156AB		47 Aug 11.319	- 8.3		80	W 12322					
W 12294		49 Aug 11.315	- 12.4		80						
19:52.5 -00 02		20 Aug 31.286	+ 53.5	3.1	37	19:54.6 +29 40		14 Oct 11.160	+ 39.8	4.0	
HD 188934		22 Sep 2.260	+ 59.8	2.6	37	HD 189379		14 Nov 3.144	- 49.3	7.1	
W 12300						W 12321		21 Aug 26.350	- 3.4	13.4	36
								34 Jul 30.441	- 12.7	4.8	36
19:52.6 +09 30		See ApJ 96, 344, 1942				19:54.7 +30 42		11 Jul 7.459	- 6.0	2.8	
PX Aq1						HD 189395		11 Aug 14.228	+ 0.8	1.1	
W 12307						W 12325		12 Aug 25.312	- 2.7	4.0	
								12 Oct 1.159	+ 3.5	5.1	
								12 Oct 22.154	+ 3.4	1.7	
19:52.8 -26 28		32 May 25.490	- 55.9	0.3	36	19:55.1 +29 11		See ApJ 86, 363, 1937			
HD 189005						GH Cyg					
60 Sgr						W 12332					
W 12315											
19:53.0 +77 29		39 Jul 25.441	- 46.7		76	19:55.2 +53 02		33 Oct 29.198	- 2.5		76
AB Dra						HD 235051		33 Oct 30.158	+ 9.7		81
						CQ Cyg					
19:53.0 +52 10		12 Jul 6.443	- 2.8	6.6		19:55.4 +37 58		32 Sep 10.340	- 4.7		76
HD 189037		12 Aug 3.408	- 13.3	6.7		BD+37°3710					
24 ψ Cyg		12 Sep 30.221	+ 1.7	2.8							
ADS 13148A		12 Oct 20.169	- 7.0	0.0		19:55.5 -12 31		16 Jun 21.443	- 19.4		
W 12286		13 Jul 18.409	- 6.2	2.0		HD 189558		17 Jun 4.472	- 14.5		
						W 12354		17 Jun 29.409	- 13.5	3.2	
19:53.1 +60 33		25 Sep 11.276	- 24.0	1.9	36	19:55.5 -23 01		42 Jul 2.396	+ 7.5		36
HD 189063		26 Jun 25.439	- 26.0	0.8	36	HD 189561		47 Oct 2.147	+ 10.1		36
W 12279		26 Aug 19.299	- 23.2		36	W 12359		47 Oct 25.128	+ 8.4		80
		26 Aug 20.446	- 15.6	2.0	37						
19:53.2 +29 33		43 Sep 20.197	- 25.9		80	19:55.6 +17 15		13 Sep 17.295	- 14.5	3.1	
HD 189087		45 Oct 17.152	- 30.0		80	HD 189577		13 Nov 17.173	- 15.7	1.8	
W 12304		46 Sep 16.220	- 31.7		80	13 Sge		13 Dec 8.078	- 20.1	2.5	
						ADS 13230A					
19:53.3 +26 17		See ApJ 86, 363, 1937				W 12341					
HD 339279											
X Vul						19:55.9 +53 21		23 May 8.450	+ 15.1		
W 12310						V476 Cyg		27 Jun 19.455	+ 8.7		
						W 12334					
19:53.7 +40 06		11 Jul 8.407	- 65.3	5.6							
HD 189178		11 Nov 2.147	+ 23.0	0.5							
W 12312		12 Aug 22.293	- 30.9	0.0							

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)
19:56.2 +29 38 HD 189690 W 12355		14 Nov 1.138 21 Jun 21.451 22 Aug 14.179 47 Aug 30.264 50 Nov 2.133	- 5.2 - 26.8 - 56.7 - 27.9 - 62.6	± 10.0 12.5 10.9	36 36 36 36 80	19:58.5 +49 49 HD 190147 26 Cyg ADS 13278A W 12387		26 Sep 26.264 26 Oct 29.106 26 Oct 29.129	+ 4.4 + 2.6 - 0.1	± 1.5 1.6	36 36 36
19:56.2 +08 17 HD 189695 W 12361		45 Jun 20.453 45 Aug 20.249 46 Jul 12.356	- 42.2 - 38.0 - 41.2		36 36 36	19:58.8 +51 49 HD 235081 CF Cyg		26 Aug 19.362 27 Jul 8.478 27 Sep 7.229 28 Jul 5.486 30 Jul 10.408 30 Nov 4.172 30 Nov 5.233 31 Jul 8.474 31 Jul 31.488 32 May 14.500	+ 14.4 + 19.1 + 12.4 - 26.0 + 33.6 + 28.3 + 19.5 + 1.3 - 17.8 + 1.9		76 37 76 76 81 81 81 76 81 76
19:56.3 +38 30 V336 Cyg		42 Aug 4.434 42 Sep 4.288 44 Sep 28.208 45 Oct 17.204	- 79.0 -117.2 -144.1 -155.9		220 220 220 220						
19:56.4 +53 18 BD+53°2335		20 Oct 22.135	- 25.5		37						
19:56.5 -27 59 HD 189763 W 12379		19 May 19.492 19 Oct 9.127 20 Jul 4.354 22 Sep 1.268 25 Aug 7.271	+ 12.8 + 5.6 + 5.2 + 1.2 + 7.0	3.8 2.6 1.4	36 36 36 36 36	19:59.0 +88 50 HD 190250 W 11640		34 Oct 25.140 43 Jul 10.456 46 Aug 10.412 49 Aug 12.365	- 17.5 - 5.2 - 20.3 - 11.8	1.4	80 80 80 80
19:56.6 +51 47 HD 189775 W 12345		11 Jul 9.447 11 Aug 16.259 12 Aug 18.323 12 Sep 30.278 12 Oct 28.186 12 Nov 27.132	- 16.9 - 25.4 - 4.6 - 15.7 - 11.2 - 18.0	2.5 1.3 2.7 1.0 0.0 1.5		19:59.1 -21 36 HD 190283 W 12430		45 Jul 24.322 46 Sep 15.198 47 Aug 28.227	- 19.0 - 26.7 - 16.4	2.1 2.6	80 80 80
19:56.6 +29 37 HD 189779 W 12364		40 Sep 20.207 42 Jun 2.468 42 Jun 4.461	- 7.6 - 8.9 + 1.4		36 36 36	19:59.2 -00 59 HD 190299 62 Aql W 12423		11 Sep 9.269 12 Aug 26.336 12 Sep 2.280	- 2.0 + 1.6 + 3.3	0.7 0.3 1.5	
19:56.6 +15 32 HD 354511 KL Aql W 12371		36 Aug 2.413 36 Aug 3.319 36 Sep 8.139	- 34.0 - 32.7 - 43.5		108 80 80	19:59.3 +29 41 BD+29°3871 W 12411		39 Sep 4.251 40 May 24.459 42 Jun 22.440	- 8.0 - 8.6 - 9.4		36 80 36
19:56.6 +10 28 HD 189783 ADS 13256A W 12374		See ApJ 61, 320, 1925				19:59.3 +07 00 HD 190327 63 τ Aql W 12416		17 Aug 7.317 19 Aug 10.344 19 Aug 10.378	- 25.9 - 30.7 - 25.8		36 36 36
19:56.6 +10 28 ADS 13256B W 12375		24 Jul 15.316 24 Jul 16.359	- 36.9 - 41.7	2.5 1.0	36 36	19:59.5 +29 38 HD 190360 W 12413		10 Jul 13.419 13 Jun 23.449 13 Jul 17.350 13 Aug 18.355	- 30.7 - 46.6 - 43.2 - 48.2	1.0 2.6 0.1	50
19:57.8 +24 39 HD 190004 16 Vul ADS 13277A W 12385		11 Sep 7.227 11 Sep 15.203 12 Jun 24.472 12 Aug 26.378	- 33.6 - 38.2 - 30.8 - 32.4	0.9 0.8		19:59.6 +16 43 ADS 13323B W 12426		43 Aug 12.347 44 Oct 7.131 45 Jun 25.481	+ 4.1 + 5.2 + 8.5		80 80 80
19:57.8 +03 02 HD 190007 W 12394		45 Sep 20.184 46 Aug 12.318 47 Jul 2.441	- 32.2 - 33.9 - 26.2		80 80 80	19:59.6 -11 53 HD 190390 W 12439		43 Aug 12.306 44 Oct 7.168 45 Jun 25.447	- 7.3 - 5.9 - 1.1		80 80 80
19:57.8 -22 53 HD 190009 W 12401		42 Jul 30.316 47 Oct 4.119 47 Oct 25.151 49 Sep 8.175	+ 10.8 + 6.1 - 4.2 + 11.3	1.4	36 36 80 80	19:59.7 +29 47 BD+29°3875 W 12422		42 Jun 30.432 45 Jul 19.360 46 Oct 13.143	- 12.6 - 10.0 - 15.1		36 36 36
19:58.1 +15 21 HD 190067 W 12395		10 May 21.437 10 May 22.402 10 Jul 16.391 13 May 17.482 13 Jun 13.452 13 Jul 23.327	+ 8.4 - 0.6 + 32.9 + 9.5 + 11.8 + 14.8	7.7 5.4 9.1 2.8 1.0 1.4	50 50 50	19:59.7 +29 42 HD 190403 W 12418		42 Aug 23.256 43 Jun 19.457 43 Oct 12.156 48 Oct 31.122	+ 1.6 - 13.9 - 22.8 - 17.7	0.9	36 36 36 80
						19:59.7 +29 05 HD 190404 W 12420		25 Aug 12.297 25 Aug 14.342 25 Sep 3.305	- 7.8 - 14.7 - 12.4	1.7 0.5	36 36 36
								10 May 20.453 10 Aug 14.303 12 Sep 28.190 13 Jul 23.369 13 Aug 13.343	- 3.2 - 3.0 + 4.4 - 6.6 - 3.3	3.1 1.2 0.9	50 50

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)
19:59.7 +16 48		10 Jun 20.467	- 12.4	± 5.6	50	20:01.2 +64 21		21 Sep 23.281	+ 13.2	+0.8	36
HD 190406		10 Aug 19.285	+ 11.4		50	HD 190713		22 Jul 11.455	+ 8.7		36
15 Sge		11 Jun 13.444	+ 5.1			65 Dra		22 Aug 3.330	+ 6.1		36
W 12424		12 Oct 31.116	+ 1.6	0.0		W 12421					
		13 Jun 11.419	+ 2.7	0.8							
19:59.8 +35 45		19 Sep 3.285	- 11.6		37	20:01.3 +58 40		23 Aug 22.233	-149.8		
HD 190429						XX Cyg		28 Aug 25.340	-167.1		
ADS 13312A						W 12434		38 Aug 11.361	-116.3		108
W 12414											
20:00.0 +38 53		37 Aug 16.266	- 63.7		124	20:01.6 +54 12		42 Aug 4.271	- 8.4		36
GL Cyg		See also ApJ 86, 363, 1937				HD 190780		45 Oct 18.180	- 7.1		80
W 12407						W 12449		46 Jun 15.390	- 9.9		80
20:00.0 +36 08		30 Jun 9.466	+ 58.7		37	20:01.6 +03 34		27 Jul 19.399	- 34.8		76
HD 190467		39 Aug 27.374	- 41.7		36	HD 357816		27 Sep 5.290	- 57.1		76
W 12427		39 Dec 1.144	+ 49.0		36	TX Aql		28 Jul 6.460	- 21.8		76
		39 Dec 2.091	+ 43.3		36			29 Aug 21.311	- 49.9		76
		40 Jul 22.336	+ 12.5		36	20:02.2 +35 31		21 Oct 13.214	- 6.2	26.2	36
20:00.2 +30 15		41 Jul 3.416	- 3.2	2.6	36	HD 190918		See also ApJ 109, 76, 1949			
HD 190513		42 Jul 23.372	- 21.9		36	ADS 13374A					
ADS 13329AB		43 Jun 21.445	- 23.5		36	W 12465					
W 12433		47 Sep 29.184	- 20.5		80	20:02.2 +35 31		23 Jun 30.474	- 2.3	0.5	37
20:00.4 +64 32		14 May 14.473	- 34.0	1.0		ADS 13374F		25 Jul 2.406	- 2.2		36
HD 190544		14 Sep 4.264	- 36.9	0.3		W 12467		25 Jul 30.410	- 10.6	7.3	76
64 Dra		15 May 26.468	- 32.6	1.5				26 Oct 18.175	- 9.7		36
W 12403						20:02.4 +76 13		23 Aug 27.256	- 63.0	0.7	36
						HD 190960		24 Jun 14.474	- 73.0	2.1	36
20:00.5 +38 49		37 Aug 17.316	- 75.1		124	69 Dra		24 Aug 12.362	- 63.7		36
V343 Cyg		41 Sep 10.170	-157.6		110	W 12405					
W 12435		See also ApJ 86, 363, 1937				20:02.5 +23 19		12 Jul 8.471	- 12.2	3.1	
20:00.5 +36 54		40 Jun 17.451	- 18.2		36	HD 190993		13 Jun 21.482	+ 1.2	4.6	
HD 190570		40 Jun 18.306	- 3.6		36	17 Vul		13 Jul 13.461	- 14.8	3.2	
W 12436		40 Jun 20.371	- 10.2		36	W 12478		13 Aug 20.384	- 3.4	3.5	
		40 Jul 22.391	- 4.1		36			13 Sep 9.266	+ 0.6	1.9	
		40 Oct 10.170	- 1.6		36			17 Aug 10.283	+ 1.9	3.5	
		40 Oct 11.138	- 2.5		36	20:02.7 +35 42		14 Nov 2.110	- 37.0	0.6	
20:00.6 +33 50		See ApJ 86, 363, 1937				HD 191026		15 May 27.456	- 35.3	1.7	
HD 227463						27 Cyg		16 Jul 14.435	- 32.9	1.3	
CD Cyg						W 12473					
W 12442						20:02.9 -00 58		30 Aug 21.255	+ 0.4	0.5	36
20:00.7 +31 56		14 Jul 5.288	+ 1.5	5.5		HD 191067		31 Sep 22.193	- 4.8	0.3	36
HD 190603		14 Aug 2.337	+ 11.6	4.1		64 Aql		32 Aug 14.270	- 3.5	3.2	36
ADS 13335A		14 Sep 3.259	+ 9.9	0.3		W 12490					
W 12445		14 Sep 4.172	+ 14.0			20:02.9 -16 00		45 Oct 19.127	- 5.2		80
		14 Oct 31.128	+ 24.5	1.8		HD 191069		47 Aug 5.316	+ 5.3		80
		16 Sep 18.286	+ 31.8	0.5		W 12494		47 Aug 28.253	- 2.4		80
		17 Jul 5.399	- 38.4	1.7		20:03.1 +56 03		42 Jul 3.429	- 12.6		36
			+ 19.3	1.7		HD 191096		42 Sep 4.263	- 9.4		36
		17 Sep 6.380	+ 36.7			W 12470		45 Jun 22.437	- 15.9		36
20:00.7 +31 56		41 Aug 14.462	- 14.8		108	20:03.1 -10 21		12 Jun 5.470	- 4.1	0.3	
ADS 13335B						HD 191110		12 Aug 19.291	- 27.2	4.1	
20:00.7 +25 47		43 Oct 20.134	+ 27.7		80	W 12497		13 Sep 12.262	+ 21.4	1.9	
HD 190605		45 Jun 26.439	+ 24.3		80				- 85.9	0.3	
W 12446		46 Jun 12.476	+ 18.0		80			17 Sep 28.222	+ 18.1	3.6	
									- 54.8	0.2	
20:00.7 +19 42		21 Jul 26.389	- 42.0	1.0	36			17 Sep 30.223	- 17.2		
HD 190608		21 Jul 26.413	- 34.9	2.9	36				-180.9		
16 η Sge		22 May 15.488	- 40.7	2.1	36			17 Oct 4.144	- 8.4		
W 12451		22 Jul 9.438	- 39.3	1.0	36	20:03.5 +63 36		23 Jul 6.447	- 14.8	0.8	36
						HD 191174		23 Jul 28.326	- 20.2	2.0	36
20:00.9 +15 13		45 Jun 19.446	-109.3		36	ADS 13371A		23 Oct 1.250	- 20.8	4.7	36
HD 190658		48 Jun 21.456	-112.5		80	W 12466					
ADS 13344A											
W 12453											

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D {mm}	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D {mm}
20:03.5 +37 26		40 Jun 18.387	+ 0.5		36			21 Oct 20.184	- 5.8	+2.7	36
HD 191176		40 Jul 16.409	- 3.0		36			22 Apr 19.510	- 4.5		36
W 12487		40 Jul 22.450	- 9.2		36			22 Jun 9.341	- 4.1		80
		40 Jul 27.288	- 2.3		36			22 Jun 20.325	- 4.1		37
		40 Oct 10.222	+ 2.5		36			22 Jul 10.426	- 2.6		36
		40 Oct 12.130	+ 3.8		36			22 Jul 16.428	- 13.9		36
20:03.5 +16 24		44 Jul 31.302	+ 12.2		36			22 Aug 6.297	- 9.6		36
HD 191178		48 Jun 23.465	+ 6.6		80			22 Aug 10.299	+ 3.2		36
W 12498		48 Sep 23.174	+ 12.5		80			22 Sep 4.263	- 8.9		36
								22 Oct 6.274	- 6.2		36
20:03.6 +52 51		10 Jun 21.415	- 62.3	+6.0	50			23 May 6.470	+ 1.3		36
HD 191195		11 May 12.478	- 43.3	0.9				23 Aug 6.248	- 4.9		36
W 12482		11 Jul 5.407	- 45.4	0.9				29 Sep 11.345	- 2.8		37
		12 Aug 4.441	- 37.8	2.2				29 Sep 15.180	- 0.4		36
		12 Oct 1.204	- 37.7	2.6				30 Jul 3.444	- 3.6		36
		17 Sep 1.227	- 35.0		36			30 Jul 6.372	- 2.8		36
20:03.7 +36 17		12 Sep 3.388	- 31.3	2.5				30 Jul 8.438	- 10.2		36
HD 191226		12 Sep 29.201	- 35.2					30 Jul 16.448	- 11.4		37
W 12493		12 Oct 25.142	- 31.6	3.3				30 Jul 26.444	- 7.7	3.4	36
		19 Sep 15.286	- 14.0	3.1	36			30 Aug 14.188	+ 1.7		37
		20 Jul 27.441	- 19.0		36			30 Aug 14.393	+ 10.4		37
		20 Aug 6.380	- 13.2		36			30 Aug 7.324	- 15.6		36
		20 Aug 28.361	- 16.9		36			30 Aug 17.314	- 14.9		36
20:03.8 -20 53		42 Jul 5.364	- 8.4		36			30 Aug 19.369	- 7.2		36
HD 191250		47 Oct 1.134	- 10.5		80	20:05.8 +72 42		30 Sep 2.273	- 11.1		36
W 12505		47 Oct 26.139	- 2.9		80	HD 191633		30 Sep 12.326	- 4.6		36
20:03.9 +54 10		42 Oct 18.233	+ 70.7		110	ADS 13401A					
20C 1191		42 Nov 18.156	- 64.4		110	W 12486		42 Oct 25.204	- 37.4		80
W 12463		43 Jul 12.455	+ 65.9		110			43 Jul 18.382	- 40.2	0.7	36
		43 Aug 9.406	- 88.6		110			46 Jun 15.424	- 31.1		80
		44 Jun 30.444	- 85.9		110	20:05.9 +25 59		See ApJ 96, 344, 1942			
		44 Jul 27.447	+ 69.5		108	HD 191652					
		44 Aug 7.247	+ 44.6		110	W Vu1					
20:04.0 +62 42		29 Sep 19.174	+ 5.4	0.7	36	W 12522					
HD 191277		30 Sep 5.232	+ 6.4	1.1	80	20:06.1 -01 07		11 Sep 7.250	- 26.5	0.5	
66 Dra		32 Nov 14.106	+ 6.2	1.2	36	HD 191692		11 Sep 15.228	- 50.4	2.6	
W 12480						65 θ Aql					
20:04.0 +35 25		32 Sep 14.153	- 12.5		38	W 12537					
BD+35° 3978						20:06.2 +06 04		44 Jun 30.411	+ 20.9	0.9	80
20:04.6 -36 21		20 May 1.505	-128.7		37	HD 191707		48 Jun 13.454	+ 11.0		80
HD 191408		20 May 12.494	-134.9		37	W 12536		48 Jun 28.398	+ 7.5	1.1	80
W 12521		20 May 28.489	-131.1		37			49 Sep 5.252	+ 23.5		80
20:05.1 +16 31		23 Aug 26.274	- 32.6	1.3	36	20:06.2 -00 26		46 Jul 12.405	- 25.0		36
HD 191499		23 Oct 19.153	- 34.4	0.5	36	HD 191709		46 Oct 15.135	- 17.5		36
ADS 13434A		24 Jun 21.375	- 36.7	2.0	36	W 12538		47 Jun 27.454	- 16.3		36
W 12509						20:06.3 +36 41		39 Oct 29.155	- 21.3		36
20:05.5 +20 37		19 Jun 16.455	- 42.4	0.9	80	HD 191720		40 Jun 18.455	- 15.9		36
HD 191570		19 Sep 3.298	- 43.2	2.6	36	W 12526		40 Jun 20.426	- 17.4		36
17 θ Sge		19 Nov 5.149	- 42.9		36			40 Jul 27.340	- 3.2		36
ADS 13442A		20 Jul 6.363	- 32.6		37	20:06.4 +26 37		40 Aug 26.300	- 17.7		36
W 12520		20 Oct 23.240	- 38.0		37	HD 191747		40 Oct 13.140	- 13.6		36
		22 Aqr 7.528	- 39.5		37	18 Vu1					
20:05.5 +20 37		20 Jul 5.444	- 38.8	1.2	37	W 12531		14 Jun 13.473	- 85.1	1.7	
ADS 13442B		20 Aug 24.332	- 42.0	0.6	37			14 Jul 13.326	+ 64.0	3.5	
W 12519		20 Sep 21.309	- 46.8	2.1	37			14 Jul 13.326	- 37.0	0.7	
20:05.5 +20 36		19 Jun 16.484	- 0.5	2.4	80			14 Aug 5.291	+ 27.0	12.1	
HD 191571		19 Sep 3.369	- 8.9	3.3	36	20:06.4 -12 41		16 Sep 11.237	- 85.3		
ADS 13442C		19 Oct 11.149	+ 17.0	0.9	37	HD 191753			+ 64.4		
W 12517		19 Nov 6.168	- 6.0	1.5	36	1 Cap		30 Sep 11.244	+ 1.9	0.5	36
		20 Sep 21.214	- 7.2	0.8	37	W 12548		31 May 29.477	+ 2.2	1.6	36
		20 Nov 2.149	+ 17.1	1.3	37			32 Jun 19.467	+ 0.5	1.0	36
		21 Jul 24.356	- 11.3		36						
		21 Aug 12.362	- 9.2	0.3	36						

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)
20:06.6 +15 54		10 Jun 30.430	- 32.6		50	20:09.5 +36 26		39 Aug 28.307	+ 63.1		36
HD 191785		10 Aug 18.297	- 31.2	± 2.7	50	HD 192382		40 Aug 19.343	- 54.1		36
W 12540		10 Aug 22.328	- 37.6		50	W 12584		40 Sep 14.334	- 4.3		36
		13 Jul 23.414	- 48.5	0.5				40 Oct 10.287	+ 78.4		36
		13 Aug 14.298	- 50.7	2.6				40 Oct 11.224	+ 52.0		36
		13 Aug 23.271	- 51.8	1.0				40 Oct 13.201	- 45.2		36
20:06.9 +43 39		19 Sep 12.326	- 44.7	1.2	36	20:09.5 +16 25		See ApJ 79, 77, 1934			
HD 191854		19 Oct 13.211	- 41.2	0.9	36	HD 192388					
ADS 13461AB		19 Nov 4.215	- 36.4	1.0	36	R Sge					
W 12535						W 12595					
20:06.9 -12 54		18 Jun 23.438	+ 20.1	0.1	36	20:09.7 +14 54		24 Oct 12.113	- 24.1	+13.9	36
HD 191862		18 Sep 16.216	+ 20.5	2.8	70	HD 192425		24 Oct 13.111	- 10.1	3.2	36
2 ξ Cap		18 Oct 18.180	+ 25.6	0.4	80	67 ρ Aql		28 May 14.481	- 16.5	3.5	36
W 12557						W 12597					
20:07.3 +15 46		21 Jun 11.460	+ 3.8	5.8	81	20:09.8 +51 10		26 Jun 4.469	+ 13.6		36
HD 355077		21 Aug 22.184	+ 13.0		37	HD 192439		26 Sep 29.207	+ 12.4		36
RW Aql		22 Jun 11.378	- 70.0		37	ADS 13535A		26 Oct 19.246	+ 14.6		36
		22 Jun 11.455	+ 8.0		37	W 12583					
		22 Aug 7.407	+ 20.7		37						
20:07.6 +26 31		13 Oct 11.142	- 22.2	1.1		20:09.8 +16 27		21 Aug 21.330	- 28.6	1.0	81
HD 192004		13 Nov 11.142	- 22.1	1.4		BD+16° 4200		21 Sep 8.227	- 33.1	6.3	81
19 Vul		13 Dec 7.104	- 22.4	4.4		W 12600		28 Sep 15.139	- 16.8	3.0	76
W 12558								49 Jul 7.347	- 35.3		80
20:07.7 -15 43		45 Oct 20.128	+ 20.5		80	20:09.9 +61 47		15 Nov 23.111	- 15.3	2.9	
HD 192031		46 Sep 19.201	+ 20.1		80	HD 192455		16 Sep 18.172	- 14.3	1.4	
W 12574		47 Aug 26.286	+ 28.7		80	68 Dra		16 Nov 9.153	- 15.5	1.1	
						W 12579					
20:07.8 +26 11		11 Jul 8.448	- 16.2	2.2		20:10.1 +48 53		46 Jul 18.437	- 14.6		80
HD 192044		11 Jul 11.367	- 31.8	2.1		HD 192494		46 Aug 13.380	- 15.4		80
20 Vul		11 Jul 14.358	- 37.4	7.0		ADS 13545A		48 Aug 20.328	- 29.6		80
W 12561		11 Oct 7.243	- 14.8	3.4		W 12589		48 Jul 18.267	- 31.3		36
20:08.1 -01 19		27 Oct 18.146	- 32.6	0.9	36	20:10.1 +48 53		46 Jul 18.387	- 32.3		80
HD 192107		27 Nov 8.146	- 30.1		36	ADS 13545B		46 Aug 13.324	- 25.2		80
66 Aql		28 Jun 21.458	- 19.4	5.9	36	W 12590		50 Jun 28.415	- 20.1		80
W 12576		28 Sep 5.250	- 33.4		36			50 Jul 27.351	- 32.0		80
		32 Oct 17.110	- 27.1	1.1	36						
20:08.2 +15 03		37 Jul 27.317	- 3.0		80	20:10.5 +46 26		17 Jul 1.461	- 10.4	1.7	
HD 192126		43 Oct 15.162	- 3.4		36	HD 192577		17 Jul 8.404	- 11.2	2.8	
W 12570		49 Aug 8.304	- 2.9		80	31 ϕ Cyg		17 Jul 31.415	- 15.5	0.9	
						ADS 13554A					
						W 12599					
20:08.3 +15 48		15 Jul 20.414	+ 5.5	1.3		20:10.8 +37 30		11 Sep 12.169	- 20.4	5.2	
HD 192145		15 Aug 22.333	+ 7.0	1.8		HD 192640		11 Oct 13.181	- 10.0	5.0	
W 12573		15 Sep 21.245	+ 1.5	2.0		29 Cyg		12 Jun 7.461	- 11.0	2.1	
						W 12617		12 Aug 28.251	- 14.0	3.2	
20:08.4 +32 34		See ApJ 86, 363, 1937									
HD 331970						20:11.0 +52 49		19 Aug 3.442	- 33.1	6.4	36
MW Cyg						HD 192679		19 Aug 4.274	- 29.8	4.1	36
W 12569						ADS 13560A		19 Aug 18.425	- 38.2	0.2	36
						W 12610		19 Nov 7.216	- 32.2		36
20:08.9 -14 08		48 Aug 23.295	- 40.2		108	20:11.0 +52 49		19 Aug 18.339	- 34.0	1.3	36
TW Cap		53 Jul 1.423	- 54.4		110	ADS 13560B		22 Sep 1.320	- 35.2	2.9	81
						W 12611		22 Sep 4.307	- 34.0	7.8	37
20:09.1 +16 18		27 Jul 10.404	- 3.6	1.5	76						
BD+16° 4192						20:11.0 +15 08		27 Aug 15.300	- 18.2	1.7	36
						HD 192686		30 Aug 5.317	- 10.8	5.5	36
20:09.1 -27 20		09 Sep 30.176	- 66.4		50	W 12626		40 Jun 22.427	- 6.6		36
HD 192310		11 Jul 10.352	- 57.8	0.4				47 Oct 31.125	- 16.9		80
W 12602		12 Oct 24.081	- 54.8	5.7							
		13 Jun 18.439	- 60.2	0.6							
20:09.4 -13 15		See ApJ 115, 25, 1952				20:11.1 -15 29		37 Jun 16.457	- 21.9		80
RX Cap						HD 192700		41 Jun 16.461	- 25.4		36
W 12601						W 12639		42 Sep 2.230	- 15.1		36
						20:11.2 +23 12		23 Sep 21.186	- 44.4	1.1	36
						HD 192713		24 Oct 15.115	+ 3.3	0.2	36
						22 Vul		24 Nov 7.134	+ 5.9		36
						W 12628					

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\text{\AA}$ mm}	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\text{\AA}$ mm}
20:11.6 +60 20		23 Aug 19.211	+ 4.7		36	20:13.9 +76 55		19 Oct 7.272	- 7.7	+5.6	80
HD 192781		28 Jul 8.410	- 2.8	+0.7	36	HD 193202		23 Jun 28.419	+ 11.5	1.3	36
W 12615		28 Sep 2.300	- 0.3		36	W 12612		23 Aug 29.318	- 7.2	2.8	80
20:11.6 +33 26		23 Sep 21.221	- 8.4	2.0	36	20:14.0 +49 58		43 Sep 22.244	- 31.6		80
HD 192787		26 Jun 27.419	- 10.2		36	HD 193216		45 Jun 24.467	- 30.6		80
ADS 13596A		26 Aug 27.296	- 13.1		36	W 12668		45 Oct 18.211	- 46.6	1.4	80
W 12630								47 Jul 4.447	- 21.7	0.1	80
20:11.7 +66 10		42 Aug 3.312	- 59.4	0.1	36	20:14.6 +40 25		13 Sep 15.290	- 34.1	4.2	
HD 192800		43 Sep 23.243	- 53.3		80	HD 193322		13 Dec 18.112	- 5.4	3.2	
W 12603		45 Jul 22.388	- 47.7		80	ADS 13672A		14 May 17.456	- 18.1	1.6	
		47 Jul 1.455	- 39.0	0.2	80	W 12676		14 Jul 11.405	- 9.8	0.6	
								16 Sep 9.278	+ 17.0	5.3	
20:11.9 +21 18		20 Sep 4.217	- 6.6		36			16 Nov 9.131	- 16.0	5.4	
HD 192836		21 Jun 14.450	- 2.8	2.0	36	20:14.7 +26 40		44 Oct 10.144	- 35.7		80
18 Sge		21 Jun 16.467	- 2.0		36	HD 193347		48 Jun 22.449	- 34.0		80
W 12643						W 12681		48 Sep 22.202	- 36.7		80
20:12.1 +32 05		21 Aug 25.399	- 12.7		37	20:14.7 -01 00		34 Jun 28.444	+ 7.4		36
BD+31° 4013		48 Aug 19.277	- 25.7	1.5	80	HD 193353		47 Jul 2.469	- 0.1		80
W 12642		49 Sep 7.248	- 13.7		80	W 12691		47 Aug 27.298	+ 6.4		80
		49 Oct 12.179	- 17.6		80						
20:12.1 -22 07		28 Jun 1.483	- 19.4	1.3	36	20:14.8 +37 08		47 May 2.475	+ 26.0		10
HD 192879		28 Jul 29.358	- 14.2	2.3	36	HD 193368					
4 Cap		32 Oct 16.128	- 17.7	2.1	36	WX Cyg					
W 12663						W 12679					
20:12.3 +43 20		35 Jul 18.445	- 9.8		38	20:14.8 +36 41		11 Sep 8.290	+ 1.6	5.4	
HD 192911		43 Sep 22.204	- 12.7		80	HD 193369		11 Sep 15.259	- 27.0	4.4	
ADS 13611AB		44 Jul 30.329	- 4.9		80	36 Cyg		11 Oct 10.210	- 10.5	1.1	
W 12640						W 12678		12 Aug 28.290	- 10.5	1.4	
20:12.3 +43 20		37 Jul 26.426	- 9.1		80	20:14.8 +34 40		13 Jun 17.472	- 7.0	1.5	
ADS 13611C		43 Jul 11.460	+ 0.6	0.6	80	HD 193370		13 Jul 12.457	- 1.8	0.8	
W 12641		49 Jul 8.418	- 5.6		80	35 Cyg		13 Aug 18.402	- 3.4	0.2	
						W 12680					
20:12.3 +27 29		23 May 28.464	- 9.4		36	20:14.8 +12 56		45 Jun 16.460	+ 27.6		36
HD 192913		23 Jul 3.438	- 19.9	3.5	36	HD 193373		45 Oct 14.157	+ 18.3		36
W 12647		23 Jul 25.423	- 5.9	0.2	36	W 12686		48 Jun 13.482	+ 20.8		80
		24 Jun 17.489	- 16.5	3.1	36						
		24 Aug 15.409	- 18.0	3.4	36						
20:12.5 +24 22		16 Oct 9.167	+ 20.9	1.7		20:15.4 -15 06		See ApJ 89, 333, 1939			
HD 192944		17 Jun 5.477	+ 15.4	0.7		HD 193495					
24 Vul		17 Aug 7.295	+ 16.4	1.7		9 β Cap					
W 12654						W 12703					
20:12.6 +15 33		28 Aug 14.294	+ 19.7		36	20:15.6 +36 02		39 Oct 26.151	+ 5.1		108
HD 192954		30 Aug 4.306	+ 36.0	4.7	36	V346 Cyg					
W 12658		32 Nov 16.140	+ 12.5		37	20:15.8 +19 02		35 Jun 16.469	- 33.7		36
		46 Jun 19.454	+ 16.5		36	HD 193579		45 Jul 20.352	- 35.6		36
						W 12702		46 Jul 13.352	- 31.6		36
20:13.4 +15 42		37 Jul 27.383	+ 29.7		80	20:15.9 +75 06		27 Jul 18.357	- 17.5	0.6	80
HD 193097		43 Jun 20.446	+ 35.5		36	HD 193591		37 Jun 18.441	- 15.4		80
W 12671		47 Aug 11.357	+ 33.0		80	W 12661		42 Jul 22.367	- 20.8		36
								46 Jul 15.417	- 13.5		80
20:13.4 -14 36		42 Jun 26.407	- 43.2	1.4	36	20:15.9 +55 05		13 Jun 14.459	- 1.4	3.0	
HD 193102		43 Oct 16.134	- 48.8		36	HD 193592		13 Jul 14.430	- 4.8	0.4	
W 12675		46 Sep 20.192	- 50.0		80	ADS 13692A		13 Aug 21.307	0.0	1.7	
						W 12687		13 Sep 12.349	- 3.1	1.1	
20:13.6 -19 26		14 Jul 2.370	+ 1.1	1.3				15 Oct 19.168	- 2.6		36
HD 193150		14 Jul 29.288	+ 4.6	4.2		20:15.9 +55 05		15 Oct 19.131	- 12.2	3.4	36
7 σ Cap		14 Sep 3.284	- 13.6	2.4		ADS 13692B		16 Jun 15.463	- 5.0	6.0	
ADS 13675A		14 Oct 28.113	- 17.6	1.1		W 12688		16 Sep 17.239	+ 2.8	1.1	
W 12677		16 Jul 10.410	- 12.2					16 Nov 11.181	- 7.6	0.6	
		16 Aug 18.280	- 15.2	1.7				17 Jul 1.424	- 2.1	2.1	
		17 Jul 9.384	- 7.8	1.1				17 Aug 6.354	- 31.0	0.9	
		17 Aug 9.315	- 20.6	1.2				17 Oct 1.259	- 0.8	1.2	
		21 Aug 21.263	- 16.8		5						

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)
20:16.2 +39 05		12 Nov 20.103	- 7.6	+2.9		20:19.8 +63 41		37 May 24.480	+ 26.7		38
HD 193702		13 Sep 11.280	+ 8.0	3.5		HD 194298		42 Aug 25.319	+ 31.9		36
ADS 13728AB		13 Sep 15.264	+ 3.0	0.3		ADS 13769A		45 Jul 21.362	+ 32.7		36
W 12704		13 Oct 12.178	+ 0.2	4.2		W 12725					
		13 Oct 21.166	- 3.6	2.2							
20:16.4 +66 31		10 Jun 21.450	- 19.0	3.8	50	20:20.0 +37 10		14 Sep 7.191	- 78.3	+14.5	
HD 193664		10 Jun 24.440	- 16.9		50	HD 194335		15 May 25.459	- 13.6	15.3	
W 12685		11 Jul 6.362	- 11.0	0.4		W 12744		16 Aug 19.263	- 30.6	17.6	
		13 Jun 12.461	- 3.8	0.8		20:20.4 -37 43		28 Oct 9.149	+ 16.1	1.0	37
		13 Jul 16.376	- 3.2	1.0		HD 194433					
20:16.5 +47 35		30 Aug 16.188	+ 18.8		65	W 12765					
HD 193680		30 Sep 14.295	+ 21.7		65	20:20.5 -03 07		45 Aug 19.295	+ 23.5		36
U Cyg		40 Jun 15.441	+ 32.2		109	HD 194454		46 Jul 13.398	+ 27.3		36
W 12701		40 Jul 22.455	+ 20.2	0.5	65	W 12757		46 Oct 14.124	+ 21.2		36
		40 Jul 24.406	+ 47.6	1.8	65	20:20.7 +41 57		20 Sep 6.297	+ 36.6		37
		40 Aug 15.312	+ 25.1		65	BD+41° 3731					
		40 Sep 20.228	+ 20.7		65	20:21.3 +21 06		28 Oct 3.162	- 20.6	0.0	36
		40 Nov 11.142	+ 27.4		33	HD 194577		29 Oct 14.131	- 22.0		36
		40 Dec 15.088	+ 26.4	0.9	33	W 12761		30 Oct 15.125	- 20.6		36
		41 Jun 15.410	+ 12.9		65	20:21.4 +09 09		43 Sep 21.201	-249.5		80
		41 Jun 15.435	+ 15.7	0.5	65	HD 194598		43 Oct 18.128	-247.3		80
		41 Aug 14.261	+ 19.9	2.3	65	W 12767		45 Jul 23.425	-243.6		80
		41 Sep 9.349	+ 17.0		33	20:21.6 -18 32		11 Jun 9.442	- 17.4		
		41 Sep 9.394	+ 28.1		33	HD 194636		11 Jun 10.456	- 21.4	3.8	
		41 Oct 6.284	+ 19.1		65	10 π Cap		12 Sep 2.240	- 17.4	2.3	
		41 Nov 11.146	+ 10.3		65	ADS 13860A		13 Sep 11.219	- 17.8	1.8	
		41 Nov 11.190	+ 13.7		65	W 12771					
20:16.8 +18 08		55 Aug 16.269	+ 52.7		110	20:21.6 -31 11		21 Sep 13.197	+ 2.4	4.1	37
BX Del						HD 194640		22 Sep 30.161	- 5.2	1.4	37
20:17.6 -21 40		13 Oct 13.129	-159.2	4.8		W 12774		22 Nov 6.137	- 4.4	2.7	37
HD 193901		14 Jun 15.444	-175.3	14.5		20:21.8 -28 35		48 Jul 20.360	+ 18.4		108
W 12730		14 Jul 12.373	-179.2	2.7		HD 194676					
		16 Jul 19.414	-174.2	5.5		T Mic					
		16 Aug 8.319	-166.0			W 12777					
20:17.7 +24 07		11 Aug 18.217	- 6.8	7.2		20:22.3 -02 26		26 Oct 20.128	- 13.2	3.0	36
HD 193911		12 Jul 31.476	- 11.5	5.8		HD 194765		28 Aug 29.256	- 28.0	1.0	36
25 Vul		12 Oct 20.206	- 13.2	2.0		ADS 13868A		29 Jun 18.462	- 24.2	6.1	36
W 12719		12 Nov 26.142	- 8.2	7.1		W 12776		31 May 27.462	- 13.2	1.6	36
20:17.9 +37 13		See ApJ 96, 344, 1942						32 Oct 16.173	- 15.0	0.1	36
BC Cyg						20:23.2 -18 09		18 Oct 21.135	+ 12.3	1.5	36
W 12716						HD 194943		18 Oct 22.143	+ 14.9	2.1	36
20:18.6 +39 56		17 Jun 30.459	- 4.3	2.4		11 ρ Cap		19 Sep 7.238	+ 13.5	2.3	36
HD 194093		17 Jul 8.409	- 8.5	1.5		ADS 13887A		19 Oct 9.152	+ 23.6	3.7	36
37 γ Cyg		17 Jul 31.424	- 5.0	2.0		W 12789		19 Oct 9.167	+ 8.6	1.3	36
ADS 13765A		29 Aug 14.378	- 7.9		3	20:23.3 -17 46		30 Jul 5.460	- 15.4	1.5	36
W 12723						HD 194959		30 Oct 7.197	- 18.6	3.5	36
20:18.9 +45 27		23 Aug 19.255	- 29.8		36	W 12793		31 Jul 29.357	- 9.8	1.8	36
HD 194152		23 Sep 21.261	- 28.3		36			32 Sep 23.214	- 21.4	7.4	36
W 12724		23 Oct 1.193	- 27.0	0.9	36	20:23.3 -18 12		29 Jul 28.360	+ 6.5	1.2	36
20:18.9 +38 07		27 Jun 18.415	- 48.3	1.9	76	HD 194960		29 Aug 25.293	+ 10.7	3.6	36
BD+38° 4048						W 12794		30 Jul 17.339	- 2.6	1.7	36
20:19.2 +40 42		17 Jul 8.369	+ 6.0	2.1	36			33 Sep 12.244	+ 6.3		36
HD 194193		18 Jul 22.401	- 0.4	1.0	36	20:23.6 -22 43		23 Aug 23.306	+ 58.6	0.0	36
W 12733		18 Aug 25.230	- 2.4	1.5	70	HD 195006		25 Jun 14.452	+ 54.9		36
20:19.3 -28 59		33 Aug 10.306	+ 6.6		36	W 12795		25 Aug 4.315	+ 54.5		36
HD 194215						20:23.7 +18 28		35 Jul 11.405	- 94.9		38
20:19.6 +68 34		24 May 23.368	- 49.9	0.6	36	HD 195019		35 Sep 9.230	- 91.2		38
HD 194258		24 Jun 20.368	- 39.6	0.0	36	ADS 13886A		37 Jun 25.442	- 93.5		38
AC Dra		24 Jun 21.470	- 38.6	0.7	36	W 12790					
W 12718		24 Jul 19.419	- 43.8	0.9	36						
		24 Aug 14.267	- 42.1		36						

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)
20:23.9 +38 07		11 Aug 10.327	+ 12.7	+0.6		20:26.8 +68 27		33 Jul 13.369	+ 12.4		36
HD 195050		11 Aug 17.254	- 17.0	1.7		HD 195527		34 Aug 2.342	+ 6.5		36
40 Cyg		12 Aug 28.346	+ 14.6	2.6		W 12798		35 Aug 11.332	- 1.0	+0.0	36
W 12784		50 Jun 1.457	- 0.3		36			47 Jun 30.473	+ 15.6	6.0	80
20:24.0 +49 03		23 Aug 19.284	- 16.4	3.2	36	20:27.0 -10 12		13 Oct 16.115	+ 4.0	1.0	
HD 195068		26 Jun 27.449	- 30.0	4.1	36	HD 195564		14 Jul 8.438	+ 9.1	1.1	
43 Cyg		26 Sep 22.284	- 16.8	2.2	36	ADS 13960A		14 Jul 29.314	+ 16.6	0.2	
W 12782		26 Oct 19.303	- 20.0		36	W 12831		14 Nov 26.108	+ 9.1	1.0	
20:24.3 +75 07		37 Jul 28.347	+ 5.4		80			15 May 27.485	+ 5.8	3.4	
HD 195121		39 Jul 8.418	- 1.9		70			16 Jun 22.443	+ 7.4	0.2	
W 12759		39 Aug 2.335	+ 1.2		36	20:27.2 +36 36		14 Jun 10.466	- 22.8	2.3	
		43 Jul 16.426	- 0.8		36	HD 195593		14 Jul 1.441	- 20.8	0.7	
20:24.4 -03 13		30 Sep 8.264	- 18.3		36	44 Cyg		14 Sep 7.232	- 24.9	6.0	
HD 195135		30 Oct 16.110	- 26.2		36	ADS 13949A					
69 Aql		31 May 27.494	- 15.6		36	W 12823					
W 12797		47 Jun 29.464	- 23.1		36	20:27.4 +00 15		48 Sep 15.290	-117.3		108
20:24.8 +75 43		28 Aug 12.286	+ 16.9		36	V341 Aql					
HD 195191		28 Aug 13.258	+ 16.9		36	W 12840					
W 12764		34 Oct 25.198	+ 4.6	2.4	80	20:27.8 +48 52		14 Oct 5.202	- 22.3		
		49 Aug 9.359	+ 3.2		80	HD 195710		47 Jun 28.473	+ 7.6		36
20:25.0 +33 48		37 Aug 16.396	- 42.8		124	W 12825		48 Aug 20.212	+ 16.5		36
V383 Cyg		37 Aug 18.333	- 3.7		124			50 Jul 28.307	+ 19.4		36
		37 Aug 19.347	- 1.7		108	20:27.8 +32 11		See ApJ 96, 344, 1942			
		37 Aug 20.456	- 43.8		108	HD 195691					
20:25.0 -05 05		See ApJ 96, 344, 1942				AI Cyg					
HD 195237						W 12834					
TZ Aql						20:28.2 +48 53		24 Jun 13.468	- 57.5	3.4	36
W 12805						HD 195774		24 Jun 17.453	- 64.6	1.4	36
20:25.2 +01 32		See ApJ 96, 344, 1942				46 ω^2 Cyg		24 Aug 15.362	- 62.0		36
HD 195275						W 12835					
KN Aql						20:28.6 -14 04		42 Jul 2.435	- 44.3		36
W 12806						HD 195838		46 Oct 12.167	- 42.2		36
20:25.3 +30 02		17 Jul 8.414	- 12.9	1.0	36	W 12856		47 Nov 1.128	- 43.2		36
HD 195295		18 Oct 16.234	- 17.2		80	20:29.0 +65 05		44 Aug 5.312	+ 27.1		108
41 Cyg		18 Dec 24.115	- 23.0	2.9	36	20C 1213		44 Sep 25.242	+ 20.7		108
W 12802		20 Nov 27.101	- 18.4	1.5	36	W 12836					
		32 Oct 9.108	- 16.2	4.2	76	20:29.3 +56 26		17 Sep 1.262	- 11.8	2.6	36
20:25.5 +36 07		14 Jun 12.451	- 16.7			HD 195964		19 Nov 13.136	- 9.8	0.3	36
HD 195324		14 Jul 1.403	- 20.2			W 12845		20 Jun 7.410	- 22.0		36
42 Cyg		14 Sep 4.229	- 17.0	1.5				20 Jul 27.358	- 20.2		36
W 12803								20 Aug 27.339	- 20.6		36
20:25.5 -15 23		16 Jul 17.410	+ 33.0	2.4				20 Sep 27.200	- 10.4	2.1	36
HD 195330		17 Aug 1.301	+ 33.0	2.2		20:29.4 +41 32		10 Jun 25.465	+ 33.8		50
W 12813		17 Oct 26.117	+ 26.8	1.6		HD 195987		10 Aug 19.330	+ 39.9		50
20:25.7 +74 56		See ApJ 96, 344, 1942				W 12851		10 Aug 22.375	+ 21.7		50
HD 195351								12 Aug 20.340	- 12.4	1.6	
UU Dra								12 Sep 27.222	- 14.1	3.7	
W 12779								12 Oct 25.182	- 7.8	1.2	
20:25.9 +26 31		44 Sep 9.292	+ 25.3		108	20:29.6 +46 16		See ApJ 86, 363, 1937			
BD+26° 3915		44 Sep 25.188	+ 35.0		108	HD 196018					
W 12811						SZ Cyg					
						W 12854					
20:26.2 -12 13		20 Jul 2.452	- 53.0	3.4	81	20:30.0 +34 54		25 Jul 1.462	+ 10.7		36
HD 195435		22 Jul 7.441	- 53.3	1.5	81	HD 196093		25 Aug 29.304	- 9.2		36
W 12822						47 Cyg		25 Sep 28.163	- 5.5		36
20:26.7 +45 36		21 Aug 22.354	- 32.1		36	W 12866		25 Oct 9.163	- 5.6		36
HD 195506		21 Sep 11.244	- 31.5		36			42 Sep 24.233	- 3.0		10
W 12815		21 Sep 15.289	- 28.5		36			44 Oct 30.132	- 4.4		10
						20:30.0 +24 44		34 Sep 27.306	+103.2	12.0	81
						20C 1215		34 Sep 28.250	+103.3	8.1	81
						W 12872		34 Oct 21.178	+ 93.1		81

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\frac{\text{\AA}}{\text{mm}}$ }	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\frac{\text{\AA}}{\text{mm}}$ }
20:30.2 +05 47		23 Aug 27.355	- 32.8	+3.6	76	20:34.1 +12 58		20 Sep 4.266	- 13.8	+0.5	36
HD 196124		23 Sep 24.307	- 32.5	9.7	37	HD 196725		21 Jul 14.309	- 14.8		36
W 12878		23 Nov 18.156	- 33.7	6.2	76	8 θ Del		21 Aug 20.302	- 22.4	0.2	36
		25 Oct 28.146	- 27.5		76	W 12923		21 Oct 18.211	- 16.4	1.0	36
20:30.4 +72 12		16 Sep 18.204	- 41.6	1.6		20:34.3 +23 19		34 Jun 23.480	+ 17.2		36
HD 196142		17 Sep 2.326	- 40.2	0.1	36	HD 196753		34 Jun 24.483	+ 8.0		36
W 12842		18 May 31.453	- 46.1		36	W 12924		34 Jul 30.491	+ 29.2	0.4	36
		19 Aug 13.378	- 44.1		36			46 Jul 11.409	- 3.6	0.9	36
								46 Sep 10.229	+ 4.8		36
20:30.6 +14 20		11 Sep 8.254	- 30.6	1.0		20:34.3 +09 44		15 May 28.486	- 55.6	2.0	
HD 196180		11 Sep 17.212	- 22.8	6.4		HD 196755		17 Sep 2.244	- 40.0	1.8	36
4 ζ Del		11 Oct 15.143	- 30.0	2.4		7 κ Del		18 Jun 29.465	- 47.5	1.5	36
W 12881						ADS 14101A		21 Jun 20.453	- 50.8	0.0	36
20:31.4 -13 05		25 Sep 9.265	- 21.6		36	W 12930		21 Jul 12.418	- 56.3	0.2	36
HD 196310		49 Oct 11.204	- 33.6		80			21 Jul 13.389	- 56.5	2.8	36
ADS 14054A		50 Jun 30.431	- 34.6		80			21 Jul 14.288	- 50.6	1.9	36
W 12890		50 Jul 26.397	- 38.4		80			21 Jul 15.411	- 51.4	1.4	36
20:31.4 -13 05		50 Jun 30.497	- 19.0		80			21 Jul 21.404	- 47.2	2.2	36
ADS 14054B		50 Jul 26.363	- 21.1		80			21 Jul 27.253	- 48.4	5.2	36
W 12891						20:34.3 +00 08		18 Sep 20.250	- 50.2	1.0	70
20:31.5 -02 54		14 Jun 9.445	- 8.8			HD 196758		21 Jun 20.476	- 45.5	0.5	36
HD 196321		14 Jul 3.360	- 13.5			1 Aqr					
70 Aql		14 Sep 5.189	- 10.2	2.4		ADS 14108A					
W 12889						W 12933					
20:31.7 -15 30		29 Aug 26.283	+ 17.0	0.4	36	20:34.3 -24 09		17 Aug 1.357	- 43.0	1.4	
HD 196348		30 Oct 16.172	+ 19.3	0.1	36	HD 196761		17 Aug 30.295	- 52.6		
W 12896		33 Oct 5.212	+ 19.5		36	W 12942		17 Oct 27.144	- 55.6	1.9	
20:32.3 +26 15		See ApJ 79, 77, 1934				20:34.4 +15 29		11 Aug 17.323	- 2.4	2.0	
HD 340667						HD 196775		11 Sep 11.299	+ 1.2	2.0	
V Vul						ADS 14106A		11 Nov 4.173	- 3.3	0.3	
W 12894						W 12931					
20:33.0 +11 02		11 Sep 10.244	+ 19.6	1.0		20:34.4 -18 29		17 Aug 7.346	- 11.2	1.1	36
HD 196544		11 Sep 19.260	- 3.4	1.4		HD 196777		19 Sep 5.249	- 13.7		36
5 ι Del		11 Nov 3.131	+ 9.3	0.4		15 ν Cap		19 Sep 6.271	- 13.1		36
W 12906						W 12941					
20:33.0 -03 14		27 Oct 10.233	- 78.9		76	20:34.5 +81 05		28 Aug 2.444	- 3.3	1.9	36
AA Aql						HD 196787		29 Oct 17.153	- 13.6		36
20:33.2 +81 06		28 Aug 2.368	- 4.0		36	75 Dra		42 Aug 2.352	- 5.1		36
HD 196565		29 Jul 29.426	- 3.1		36	W 12858		48 Oct 20.132	- 5.2		36
W 12841		29 Sep 16.288	- 3.9		36	20:34.5 +42 29		20 Jun 8.419	+ 2.1	0.8	36
20:33.4 +31 13		14 Jul 13.453	+ 0.4	7.9		HD 196789		20 Jun 29.441	+ 13.2	1.5	36
HD 196606						W 12920		20 Jul 28.300	+ 2.4	2.1	36
48 Cyg								20 Oct 26.205	+ 2.8	1.2	36
W 12908								20 Nov 29.141	- 3.4	1.3	36
								21 Jul 18.394	+ 2.5		36
20:33.4 +17 55		43 Aug 10.283	- 69.3		80	20:34.5 +09 43		42 Oct 27.133	- 50.9		80
HD 196610		43 Oct 7.205	- 66.5		10	HD 196794		43 Sep 19.233	- 53.6		80
EU Del		43 Oct 17.142	- 69.8		80	W 12935		45 Aug 21.306	- 52.8		80
W 12911		45 Jun 18.474	- 62.9		36	20:34.5 +04 37		13 Sep 16.169	- 45.1	4.2	
20:33.5 +31 10		12 Nov 20.142	- 2.7	3.8		HD 196795		14 Jul 13.388	- 37.5	0.9	
HD 196629		13 Aug 23.318	+ 4.3	3.1		W 12938		14 Sep 10.219	- 49.0	4.3	
W 12910		13 Sep 14.269	+ 3.6	4.1				16 Sep 12.301	- 40.0	1.7	80
20:33.7 +05 17		20 Aug 2.361	- 8.6	2.1	37			17 Aug 2.404	- 32.6	0.7	80
HD 196657		20 Aug 30.203	- 16.4		37			17 Oct 8.240	- 52.4	1.9	
W 12919		21 Jul 21.403	- 22.4		37			17 Oct 28.135	- 47.2	2.9	80
		21 Aug 17.299	- 19.2		37			18 Aug 19.303	- 40.2	1.0	80
20:34.1 +20 51		11 Oct 9.249	- 23.6	4.4		20:34.9 +38 17		45 Sep 1.256	- 17.9		36
HD 196724		11 Oct 11.201	- 20.0	1.3		HD 196850		46 Oct 11.162	- 22.1		36
29 Vul		12 Jul 7.449	- 14.2	4.5		W 12932		47 Oct 4.195	- 23.3		36
W 12921		12 Aug 21.381	- 14.6	3.4		20:34.9 +29 59		21 Aug 22.381	+ 14.4	1.9	36
						HD 196852		21 Nov 10.140	+ 14.9	1.3	36
						W 12934		22 Jun 17.441	+ 10.3	1.0	37

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\text{\AA}$ mm}	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\text{\AA}$ mm}
20:34.9 -16 29		42 Jul 30.361	- 3.8		36	20:37.0 +31 57		40 Sep 24.290	-159.5		36
HD 196857		45 Sep 19.199	- 4.2		36	HD 197178			+ 67.9		
W 12950		46 Jul 14.394	- 1.7		36	ADS 14158B		40 Oct 16.161	-152.3		36
						W 12964			+ 95.5		
20:35.0 -01 13		See ApJ 120, 377, 1954						40 Nov 9.139	- 19.6		36
AE Aqr											
20:35.1 +21 22		25 Jul 1.456	-101.2	+6.1	76	20:37.0 -19 15		34 Aug 27.296	+ 2.5		81
HD 196882		25 Aug 4.285	-110.6	1.7	76	BD-19° 5899		43 Jun 22.476	+ 11.0		110
ADS 14123A		25 Aug 13.343	-104.6		76	W 12974		43 Aug 21.321	+ 3.1		108
W 12944		26 Jul 29.420	-108.4		37						
		27 Aug 15.335	-125.9		76	20:37.6 +19 30		15 Jun 24.450	+ 9.8	+5.1	
						HD 197274		15 Jul 24.373	+ 14.9	0.2	
						W 12972		15 Aug 23.307	+ 12.1	1.5	
20:35.1 +21 22		25 Aug 4.363	+ 4.0	0.6	76	20:38.0 +44 55		16 Apr 16.503	- 0.4		5
ADS 14123B		26 Aug 15.347	- 31.4	6.2	76	HD 197345		17 Oct 3.116	- 7.4	0.5	
						50 α Cyg		18 Jun 21.476	- 5.1		36
20:35.1 -19 08		21 Sep 11.251	- 33.6	3.6	37	ADS 14172A		26 Jul 1.418	- 2.8		Ce
HD 196982		21 Oct 11.142	- 38.8	1.9	37	W 12971		26 Jul 20.474	- 1.3		Ce
W 12951		23 Jun 29.465	- 21.2	2.2	37			29 Oct 22.274	- 8.1		3
		23 Sep 24.237	- 29.5	2.2	37						
20:35.3 +80 44		26 Oct 20.188	- 3.8	1.2	36	20:38.0 +15 46		44 Jul 1.456	- 25.4		80
HD 196925		29 Jul 27.358	- 19.8	1.0	36	BD+15° 4232		48 Jun 14.415	- 30.6	8.8	80
74 Dra		29 Sep 16.217	- 16.6	2.1	36	W 12978		48 Jul 5.375	- 27.5		80
W 12874								49 Jul 5.456	- 36.2		80
20:35.6 -32 47		27 Aug 21.322	+ 6.1		250	20:38.3 +41 22		11 Sep 8.341	- 40.4	0.8	
HD 196982A		41 Sep 11.188	+ 2.9		110	HD 197392		11 Sep 17.249	- 24.8	1.1	
W 12960		42 Oct 21.125	- 14.7		110	W 12975		11 Nov 6.149	- 16.0	2.3	
		43 Aug 9.302	- 27.5		110						
		44 Jul 1.403	- 4.3		110	20:38.4 +00 07		39 Sep 3.216	- 18.9		70
		44 Aug 7.339	+ 14.3		110	HD 197409		39 Oct 22.154	- 13.8	4.3	70
						W 12985		41 Oct 10.153	- 17.0		36
20:35.6 -32 47		27 Aug 21.359	- 33.0		250			47 Oct 31.145	- 27.2	4.9	80
HD 196982B		41 Sep 11.188	- 24.1e		110						
W 12961		41 Sep 11.260	+ 37.7		110	20:38.5 +35 05		15 May 25.484	- 21.3		
		43 Aug 11.337	+ 11.5		110	HD 197419		15 Jun 20.481	+ 1.1	2.1	
		43 Aug 22.333	- 16.8e		110	V568 Cyg		15 Jun 21.485	- 15.8	3.9	
		44 Jul 1.403	+ 0.3		110	W 12980		16 Sep 10.322	- 7.9	4.5	
		44 Aug 7.339	+ 4.9		110			17 Oct 2.250	- 14.2	5.0	
								17 Oct 3.262	- 1.8	7.7	
20:36.0 +45 19		12 Aug 6.346	- 7.2	4.4		20:38.6 +75 14		13 Jul 16.434	- 10.4	1.3	
HD 197036		12 Aug 18.366	- 16.2	0.8		HD 197433		13 Aug 19.433	- 11.6	1.3	
W 12948		12 Oct 24.179	- 20.9	2.8		VW Cep		13 Sep 11.420	- 13.9	1.6	
		12 Nov 18.126	- 14.5	4.6		W 12953		24 Aug 19.251	+ 0.4	1.3	36
20:36.0 +15 17		34 Jul 29.390	- 31.7		36	20:38.8 +75 14		24 Aug 19.251	+ 0.4	1.0	36
HD 197039		34 Oct 24.126	- 33.0		36	HD 197433					
W 12954		37 Jun 26.445	- 27.0		38	VW Cep					
						W 12953					
20:36.0 +14 10		13 Oct 17.186	- 3.8	4.2		20:38.9 +57 05		44 Aug 5.365	- 14.9		108
HD 197040		14 Aug 8.330	- 39.5	4.8		BD+56° 2471		44 Aug 6.308	- 1.2		108
W 12956		14 Sep 1.316	- 53.9	23.0		W 12976					
		17 Ocy 30.162	- 56.5								
20:36.0 -01 26		30 Jul 14.439	- 6.2	7.5	37	20:38.9 -31 42		27 Jul 11.410	+ 9.7		76
HD 197042		48 Jul 29.368	- 2.3	7.4	80	HD 197481		41 Sep 11.142	+ 24.1		110
ADS 14152A		49 Aug 8.352	- 11.5		80	W 12995		42 Oct 21.177	- 3.3		110
W 12959								43 Aug 11.247	- 4.0		70
								43 Oct 9.160	+ 11.5		70
20:36.2 +19 33		21 Aug 18.297	- 38.9		36	20:39.0 +45 29		42 Jul 26.351	+ 7.5		36
HD 197076		21 Sep 11.286	- 32.8		36	HD 197488		45 Jul 31.343	+ 17.8	0.8	36
W 12957		21 Sep 14.258	- 39.2	0.7	36	ADS 14190A		47 Jul 4.478	+ 6.8	4.9	80
						W 12983		47 Sep 29.202	+ 9.1		80
20:36.5 +14 14		13 Oct 10.186	- 31.0	1.8		20:39.1 +49 59		11 Jul 11.413	- 5.2	2.4	
HD 197121		13 Nov 9.106	- 28.9	1.4		HD 197511		11 Aug 16.324	- 7.8	0.1	
10 Del		13 Dec 7.081	- 33.7	1.1		51 Cyg		12 Jul 27.395	+ 1.4	2.0	
W 12962						ADS 14189A		12 Aug 26.422	+ 0.9	1.8	
						W 12982					
20:37.0 +31 57		11 Aug 9.299	- 26.7	0.7							
HD 197177		12 Aug 3.446	- 27.5	1.8							
49 Cyg		12 Aug 25.368	- 29.4	1.4							
ADS 14158A		40 Sep 24.216	- 27.0		36						
W 12963		40 Nov 9.139	- 30.0		36						

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D {mm}	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D {mm}
20:39.5 +35 14 HD 197572 X Cyg W 12989		See ApJ 53, 95, 1921				20:41.8 +56 08 HD 197939 W 13006		47 Jul 1.478 48 Sep 24.238	- 27.7 - 22.2		80 80
20:39.7 +34 43 HD 197604 W 12992		21 Jul 16.250 + 20.4 22 Jul 6.364 + 21.4	+ 20.4 + 21.4	+1.7 0.2	37 81	20:42.0 +15 46 HD 197964 12 γ^2 Del ADS 14279A W 13026		16 Jun 22.475 17 Jun 9.484 17 Nov 27.105	- 8.9 - 2.5 - 5.3	+0.6 1.2 0.1	
20:39.8 +19 24 BD+19° 4499 W 12996		44 Aug 26.254 + 9.7 44 Sep 26.146 + 9.2	+ 9.7 + 9.2		108 108	20:42.0 +15 46 HD 197963 12 γ^1 Del ADS 14279B W 13025		17 Aug 1.404 17 Sep 4.262 17 Nov 27.123 17 Dec 3.155	- 9.0 - 8.8 - 4.7 - 5.0	2.2	
20:39.8 -00 04 HD 197623 W 12999		20 Jul 6.447 - 61.0 22 Aug 14.269 - 72.1 22 Sep 5.240 - 82.0 39 Jun 9.479 - 70.2 45 Jun 17.465 - 70.5	- 61.0 - 72.1 - 82.0 - 70.2 - 70.5	0.6 0.4 0.8	37 36 36 36 36	20:42.2 +33 36 HD 197989 53 ϵ Cyg ADS 14274A W 13020		16 Nov 15.141 17 Jul 31.429 18 Aug 25.276	- 9.1 - 10.0 - 5.8		70
20:40.2 +12 23 HD 197683 ADS 14238AB W 13002		35 Sep 20.270 + 17.2 42 Jul 6.444 + 13.1 45 Aug 24.252 + 21.9 46 Sep 16.259 + 9.7 48 Sep 23.194 + 17.1 49 Sep 9.159 + 17.4	+ 17.2 + 13.1 + 21.9 + 9.7 + 17.1 + 17.4	2.5 0.2	38 36 80 80 80 80	20:42.3 -16 50 HD 198001 2 ϵ Aqr W 13033		11 Sep 7.260	- 14.1	5.3	
20:40.2 +11 57 HD 197684 ADS 14233A W 13000		23 Jun 3.484 - 12.8 23 Jul 6.482 - 5.9 23 Jul 24.400 - 14.0	- 12.8 - 5.9 - 14.0	0.6	36 36 80	20:42.6 +44 56 BZ Cyg W 13023		See ApJ 86, 363, 1937			
20:40.3 +12 21 HD 197704 ADS 14238C W 13003		42 Jul 6.360 - 25.8 45 Aug 24.276 - 23.6 49 Oct 10.177 - 25.3	- 25.8 - 23.6 - 25.3	2.9	36 80 80	20:42.6 -23 07 HD 198044 W 13043		47 Oct 1.154 + 12.3 47 Oct 28.122 + 17.1 48 Oct 22.125 + 25.5 49 Sep 8.193 - 6.4	+ 12.3 + 17.1 + 25.5 - 6.4	0.6 1.0 0.5	80 80 80 80
20:40.5 +54 57 20C 1227 W 12993		41 Sep 17.262 - 25. 46 Jul 6.415 - 23.	- 25. - 23.		220	20:42.7 +12 06 DX Del		See ApJ 126, 291, 1957			
20:40.7 +56 46 HD 197770 W 12994		12 Jun 6.456 - 18.8 12 Aug 5.369 - 37.2 12 Oct 29.178 - 10.3 12 Nov 29.130 - 33.4	- 18.8 - 37.2 - 10.3 - 33.4	0.8 1.4 2.1 1.0		20:42.7 -18 35 HD 198063 ADS 14299A W 13048		38 Aug 11.388 42 Jul 31.380 42 Aug 27.301	- 5.5 - 8.9 - 12.6		36 36 36
20:40.8 +54 56 HD 197795 W 12997		15 Jul 19.441 + 6.3 47 Jun 26.439 + 3.9 47 Aug 29.295 - 5.4 48 Jul 26.360 - 1.5	+ 6.3 + 3.9 - 5.4 - 1.5	2.1	36 80 36	20:42.7 -18 35 ADS 14299B W 13047		33 Aug 11.340 42 Jul 31.317 42 Aug 27.238	- 9.5 - 4.3 - 8.5		36 36 36
20:40.9 +17 44 HD 197812 U Del W 13009		See ApJ 96, 344, 1942				20:42.9 +57 13 HD 198084 W 13019		17 Dec 2.114 18 Aug 18.331 18 Aug 25.266	- 29.2 - 26.0 - 28.7	1.0 0.3	36 70
20:41.1 +31 25 HD 197839 W 13010		15 Jul 26.366 - 14.9 15 Aug 18.358 - 11.9 15 Aug 27.291 - 9.4	- 14.9 - 11.9 - 9.4	0.7 2.1 0.8		20:43.2 +34 00 HD 198134 ADS 14290A W 13037		30 Aug 16.428 50 Jun 1.475	- 23.0 - 24.4	0.5	36 36
20:41.6 +44 07 20C 1228 W 13011		28 Jul 29.403 + 3.4 42 Sep 1.279 - 10.9 43 Jun 24.462 - 18.5	+ 3.4 - 10.9 - 18.5		37 110 108	20:43.2 -19 24 HD 198140 W 13042		20 Jul 1.447 21 Jun 25.438 22 Aug 8.405 22 Oct 4.212	+ 59.3 + 58.2 + 51.7 + 40.7	18.2 2.5 0.7	81 81 81 81
20:41.6 +15 33 HD 197913 ADS 14270A W 13017		19 Jun 18.459 - 21.4 19 Sep 13.295 - 26.1 19 Sep 14.352 - 26.3 19 Oct 6.199 - 25.8	- 21.4 - 26.1 - 26.3 - 25.8	3.0	36 36 36 37	20:43.5 +63 11 HD 198180 ADS 14278A W 13028		24 Jul 21.441 27 Aug 7.310 30 Jul 8.406 49 Oct 13.177	- 18.0 - 0.1 - 85.0 - 6.4	8.6 6.7	36 36 76 80
20:41.6 +15 33 ADS 14270B W 13018		19 Jun 17.469 - 27.0 19 Aug 6.338 - 26.7 19 Oct 6.163 - 31.4	- 27.0 - 26.7 - 31.4	0.1 0.0	70 36 37	20:43.5 -20 59 HD 198188 W 13057		34 Jul 26.412 45 Oct 21.128 46 Sep 15.240	- 86.9 - 77.2 - 83.6	0.8	37 80 80

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D (mm)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D (mm)
20:43.6 -18 25		33 Oct 8.178	+ 47.3		36	20:47.2 -24 09		33 Oct 9.180	- 40.1		36
HD 198208		47 Aug 28.278	+ 47.4		80	HD 198732		47 Oct 1.170	- 41.0		80
W 13059		47 Oct 1.186	+ 39.1		80	ADS 14380A		47 Oct 26.169	- 38.5		80
						W 13098					
20:43.9 +45 13		26 Aug 30.304	- 4.7	+1.5	36	20:47.3 -09 22		11 Sep 7.277	- 15.6	+1.0	
HD 198237		26 Oct 26.181	- 7.9	0.5	36	HD 198743		13 Jun 16.456	+ 3.4	0.4	
ADS 14298A		26 Oct 27.153	- 3.6	0.0	36	6 μ Aqr					
W 13049						W 13093					
20:44.2 +38 55		See ApJ 78, 200, 1933				20:47.7 -11 57		30 Aug 16.316	- 3.8	2.0	36
HD 198287-8						HD 198802		34 Jun 25.476	+ 2.3		36
V 367 Cyg						W 13104		34 Aug 24.301	- 0.9		36
W 13053								34 Sep 26.177	+ 2.1		36
								34 Oct 22.124	- 3.6		36
20:44.6 +47 28		30 May 13.498	- 29.6	0.2	36	20:47.8 +26 43		14 Sep 2.294	+ 2.0	1.4	
HD 198345		32 Jul 17.303	- 44.0	0.0	36	HD 198809		14 Sep 6.251	+ 4.4	2.1	
ADS 14318A		32 Aug 12.248	- 29.7	0.7	36	31 Vul		14 Sep 29.228	+ 3.3		
W 13054		32 Sep 12.217	- 30.4	2.2	36	W 13096		15 Jun 22.481	+ 4.6	4.2	
		32 Oct 11.166	- 29.7	0.6	36			15 Sep 23.166	+ 2.6	4.9	
		32 Oct 16.227	- 17.2	0.9	36			15 Nov 27.112	+ 5.8	1.2	
		32 Nov 14.176	- 31.6	1.3	36						
		33 Jun 1.490	- 28.6	0.1	36						
20:44.9 +68 11		42 Oct 26.200	- 20.3		80	20:48.1 +34 17		13 Oct 14.167	- 8.4	6.7	
HD 198385		43 Jul 19.386	- 16.3		36	HD 198846		14 Jun 12.380	- 34.9	13.4	
W 13041		45 Jul 22.417	- 19.0		80	Y Cyg		14 Jul 10.401	- 9.6	13.0	
						W 13097					
20:44.9 +12 11		28 Jul 23.326	- 0.4	1.1	36	20:48.4 +43 23		23 Jul 28.414	- 15.1		36
HD 198390		32 Sep 13.183	+ 1.8	2.2	36	HD 198896		28 Sep 24.164	- 2.0		76
15 Del		32 Nov 13.101	+ 0.9	0.4	36	ADS 14382A		47 Aug 7.354	+ 21.2	1.4	80
W 13066						W 13101		49 Jul 4.449	- 0.5		80
								49 Oct 12.221	+ 18.6		80
20:45.2 -12 54		26 Sep 27.242	- 45.8	3.0	36	20:48.4 +43 23		28 Sep 24.248	- 17.5	5.1	76
HD 198431		28 Aug 28.254	- 36.4	3.1	36	ADS 14382B		47 Aug 7.327	- 4.9		80
W 13076		32 Jun 18.483	- 48.6	1.9	36	W 13102		49 Aug 12.262	- 5.1		80
								49 Oct 12.250	- 15.1		80
20:45.5 +45 45		41 Jul 6.458	- 59.1		108	20:48.5 +46 59		See ApJ 96, 344, 1942			
ADS 14337B						RZ Cyg					
						W 13099					
20:45.7 +51 32		46 Jul 6.427	+ 4.0		36	20:49.1 -18 18		29 Oct 18.149	- 32.0	1.1	36
HD 198513						HD 199012		30 Jun 14.483	- 45.0	1.4	36
ADS 14336A						19 Cap		30 Jul 18.385	- 41.8	0.8	36
						W 13121		33 Aug 30.312	- 35.5	1.0	36
20:45.9 -27 18		24 Jun 13.491	+ 7.0	2.4	36			33 Nov 2.159	- 37.6		36
HD 198542		24 Aug 14.314	+ 1.8		36	20:49.8 +44 48		26 Oct 27.192	- 29.1	0.2	36
18 ω Cap		24 Aug 14.332	+ 7.2		36	HD 199098		27 Jun 16.415	- 25.4		36
W 13085						W 13114		28 Aug 13.433	- 27.4		36
								34 Sep 2.225	- 24.1		36
20:46.1 -06 00		21 Sep 14.236	- 25.9		36	20:49.8 +33 03		27 Jul 15.476	- 2.2	2.4	36
HD 198571		21 Oct 12.207	- 24.2		36	HD 199101		27 Aug 18.281	- 6.7		36
4 Aqr		21 Oct 16.219	- 29.8		36	W 13116		27 Aug 18.315	- 13.2	1.2	36
ADS 14360AB								31 May 28.478	- 11.0	1.0	36
W 13083								31 Sep 28.295	- 2.0	1.1	36
						20:50.1 +44 48		39 Oct 23.131	- 46.4		36
20:46.5 +30 32		22 Jun 17.456	- 27.3		37	HD 199138		40 Jun 22.480	- 45.1		36
HD 198626		22 Jul 16.429	- 25.8		37	W 13119		41 Jun 15.467	- 37.5		36
ADS 14355A								41 Sep 6.345	- 46.7		36
W 13081											
20:46.8 -05 52		11 Jul 12.401	- 7.3	1.4							
HD 198667		11 Oct 5.219	- 8.8	1.0							
5 Aqr		12 Sep 2.327	+ 1.5	2.7							
W 13089		12 Sep 20.281	- 1.5	1.0							
						20:50.3 +27 41		16 Oct 9.189	+ 11.6		36
20:47.2 +27 52		18 Jul 19.405	- 15.8		36	HD 199169		17 Jul 8.435	+ 6.3		36
HD 198726		18 Jul 22.289	+ 3.2		36	32 Vul		19 Sep 6.199	+ 8.1		36
T Vul		19 Jun 8.479	- 11.7	1.0	36	W 13129					
W 13088		19 Sep 12.236	+ 13.0		36						
		36 Oct 8.207	+ 6.9		36						
		36 Oct 8.247	+ 9.2	2.1	80						
		36 Oct 8.292	+ 6.7	2.9	108	20:50.3 +12 47		44 Aug 7.306	- 43.5		108
						BD+12° 4499		44 Aug 8.336	- 18.5		108
20:47.2 -03 36		44 Oct 9.167	- 33.2		80	W 13133		44 Aug 29.137	- 34.4		108
HD 198729		48 Jul 6.356	- 25.0		80						
W 13091		48 Aug 20.354	- 31.6		80						

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)
20:50.4 +44 00		23 Aug 23.401	- 19.5		36	20:52.4 +47 02		11 Jul 9.403	- 12.8	+1.5	
HD 199178		23 Sep 1.333	- 22.9		36	HD 199478		12 Jul 26.469	- 12.9	5.4	
W 13124		23 Sep 25.275	- 23.7	+6.7	36	W 13151		12 Aug 22.344	- 18.5	1.9	
								12 Nov 1.156	- 14.7	2.4	
20:50.5 +54 08		32 Jun 26.440	-198.2	0.9	36	20:53.1 +42 30		21 Nov 8.198	- 20.7		36
HD 199191		32 Jul 16.480	-193.2	0.5	36	HD 199580		21 Dec 15.139	- 18.3	1.7	36
W 13117		32 Jul 17.351	-193.8	0.7	36	W 13163		22 Jul 6.392	- 18.3		36
		32 Jul 18.382	-193.9	1.2	36						
		32 Aug 11.304	-196.7	0.6	36						
		32 Sep 9.256	-193.6	0.4	36	20:53.3 +50 20		42 Jul 3.463	- 49.4		36
20:50.7 +40 20		12 Aug 5.389	- 25.0			HD 199611			+ 36.2		
HD 199218		12 Aug 18.413	- 23.2	3.2		ADS 14460A		42 Aug 1.405	- 5.7		36
ADS 14413A		12 Sep 28.238	- 24.9	1.9		W 13161		46 Jul 10.430	- 55.6		36
W 13131		12 Nov 25.146	- 17.6	2.2					+ 34.3		
20:50.7 +27 42		42 Sep 27.233	+ 5.4		80	20:53.3 +48 48		21 Aug 22.402	- 18.7	0.5	36
HD 199221		43 Aug 10.315	+ 3.7		80	HD 199612		21 Sep 12.231	- 9.7		36
ADS 14424AB		45 Jun 26.462	+ 5.6		80	W 13159		21 Oct 10.197	- 11.0	0.2	36
W 13136								21 Nov 11.134	- 16.1		36
20:50.7 +04 09		26 Jul 2.488	- 27.5	0.2	36	20:53.4 +74 12		37 Jul 25.364	- 70.9		80
HD 199223		27 Oct 19.213	- 40.4	3.6	36	18C 2711		37 Aug 17.336	- 80.1	0.8	80
ADS 14430A		28 Jun 7.484	- 21.6		36	W 13135		37 Sep 16.222	- 71.2		80
W 13140		28 Jul 30.329	- 25.2		36						
		30 Aug 11.290	- 37.2	0.3	36	20:53.4 +40 47		11 Aug 12.334	- 44.9	3.0	
		30 Aug 16.397	- 31.6		36	HD 199629		11 Aug 16.353	- 13.4	0.9	
						58 v Cyg		12 Aug 3.480	- 28.7	1.6	
						W 13164					
20:50.9 +33 22		44 Aug 1.359	- 4.6		36	20:53.6 +69 34		15 Jun 28.411	+ 8.6	1.9	
HD 199251		46 Aug 11.322	- 7.9		80	HD 199660		15 Aug 19.370	+ 12.4	2.2	
W 13137		48 Jun 24.449	- 7.2		80	ADS 14441A		15 Aug 21.333	+ 9.4	1.7	
20:50.9 +13 21		18 Oct 26.106	- 6.0	2.4	36	W 13148					
HD 199253		19 Sep 5.286	- 8.5	1.9	36						
17 Del		19 Sep 6.230	- 9.4	1.0	36	20:53.6 +39 48		See ApJ 86, 363, 1937			
W 13141						VX Cyg					
						W 13167					
20:51.3 +61 49		17 Aug 4.218	- 13.5	1.7	80	20:53.6 +10 28		30 Jun 8.493	- 0.2	0.3	36
HD 199305		17 Aug 29.334	- 2.8	1.0	80	HD 199665		30 Oct 15.158	+ 6.2	0.8	36
W 13127		17 Oct 28.227	- 9.0	0.9	80	18 Del		32 Nov 14.153	+ 5.1	2.6	36
20:51.3 +61 48		34 Jul 28.431	- 22.7		76	W 13170					
BD+61° 2067											
20:51.3 +58 56		34 Jul 4.451	+ 3.2		36	20:53.8 +21 56		13 Oct 11.158	- 25.7	0.5	
HD 199306		47 Oct 4.229	+ 13.2		36	HD 199697		13 Nov 9.128	- 27.9	1.3	
ADS 14412AB		48 Jul 21.410	+ 6.3		36	33 Vul		13 Dec 6.140	- 28.9	3.5	
W 13130						W 13171					
20:51.4 -10 48		43 Jul 15.434	+ 31.8		108	20:54.1 +03 55		17 Oct 31.144	+ 13.5	0.8	
20C 1242		43 Sep 10.275	+ 58.8		110	HD 199766		17 Dec 4.115	+ 4.8	2.5	
W 13150		43 Oct 11.208	+ 46.4		108	1 Equ		18 Jul 17.958	+ 8.6		36
						ADS 14499AB					
						W 13173					
20:51.5 -10 05		27 Jul 15.414	- 28.0		36	20:54.1 +03 11		23 Jul 21.401	- 15.1		
HD 199345		27 Aug 19.359	- 32.4		36	Wolf 901					
7 Aqr		27 Oct 21.122	- 36.1		36						
ADS 14449A						20:54.2 +34 47		28 Jul 30.254	-119.0		76
W 13152						CG Cyg			+129.2		
20:52.1 +80 11		18 Dec 25.126	- 25.5		36	20:54.4 +00 43		43 Aug 13.284	- 16.7		80
HD 199437		19 Sep 7.156	- 26.6	1.5	36	HD 199802		43 Oct 23.135	- 15.8		80
W 13092		20 Jul 5.467	- 30.3		36	W 13179		45 Aug 22.278	- 19.8		80
20:52.3 +30 03		23 Jun 24.425	- 14.2		37	20:54.4 +00 40		43 Aug 13.319	- 21.0		80
UY Cyg		23 Jul 26.380	- 37.8	4.3	76	HD 199803		43 Oct 23.181	- 17.7		80
W 13156		23 Aug 5.346	+ 33.3	4.4	76	W 13180		45 Aug 22.314	- 21.9		80
		24 Oct 9.274	- 30.5		76						
20:52.4 +74 23		13 Sep 18.217	- 29.2	3.6		20:54.8 +44 04		30 Aug 20.310	- 15.9	1.5	36
HD 199476		13 Oct 18.159	- 31.5	1.6		HD 199870		31 Oct 26.119	- 23.4	1.0	36
W 13122		13 Nov 10.137	- 28.6	0.9		W 13172		32 Aug 12.265	- 17.4	0.8	36
								32 Sep 13.208	- 19.7	0.8	36
								32 Oct 16.251	- 21.6		36

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)
20:55.2 +07 07		35 Jun 19.452	- 24.6	+11.6	38	20:57.3 +06 48		29 Jul 24.359	- 2.5		36
HD 199942		41 Jun 2.483	- 17.4		36	HD 200256		33 Nov 5.156	- 3.9		36
W 13184		48 Jul 28.322	- 19.6		36	ADS 14556A		34 Sep 3.315	- 9.3		36
		49 Sep 5.280	- 19.8		80	W 13209					
20:55.2 -17 56		34 Jun 20.462	+ 1.6		36	20:57.6 +45 46		11 Jul 11.446	- 14.1	+2.1	
HD 199947		35 Jun 22.464	- 0.3		38	HD 200310		12 Jul 27.426	- 41.5		
W 13189		46 Jun 9.484	+ 3.5		80	60 Cyg		12 Aug 26.457	- 30.1	7.4	
20:55.3 +50 04		11 Jul 14.425	- 25.9	0.0		ADS 14549A		12 Sep 19.348	- 28.6	11.0	
HD 199955		12 Aug 22.408	+ 1.2	5.4		W 13207		17 Oct 4.212	- 7.6	11.1	
ADS 14504A		12 Nov 1.201	- 5.7	0.2		20:57.7 +30 08		40 May 25.467	+ 1.7		80
W 13178		12 Nov 28.163	- 24.3	1.2		BD+29° 4283		42 Sep 1.277	+ 4.3		36
		13 Aug 20.431	- 16.4	2.0		W 13208		43 Oct 13.169	+ 9.1		36
20:55.3 -05 07		28 Sep 26.212	- 19.9		36			44 Jun 28.458	+ 2.6		80
HD 199960		28 Sep 27.246	- 13.3	2.3	36	20:58.1 +30 08		25 Aug 10.369	- 28.0	8.0	36
11 Aqr		29 Sep 19.216	- 18.1		36	HD 200390		28 Aug 14.348	- 36.1	5.6	36
W 13187						W 13215		38 Oct 9.125	- 15.2		70
20:55.4 -08 44		30 Sep 9.264	- 38.5	2.4	76			45 Aug 30.273	- 11.8		36
HD 199976		47 Oct 28.147	- 37.7		80	20:58.5 +39 06		26 Nov 16.124	- 7.8	1.8	36
ADS 14528A		49 Sep 8.216	- 36.0		80	HD 200465		27 Jul 11.464	- 10.5	0.3	36
W 13192						ADS 14567A		27 Nov 8.190	- 3.8	2.4	36
20:55.6 -13 55		26 Oct 28.120	+ 20.2	0.8	36	W 13217					
HD 200004		27 Jul 10.462	+ 21.5		36	20:58.7 +02 32		43 Aug 11.328	+ 3.6		80
W 13198		27 Sep 4.321	+ 25.1		36	HD 200494		43 Oct 22.177	+ 7.8		80
20:55.9 +18 57		20 May 31.456	- 16.3		36	W 13227		45 Sep 20.209	+ 6.5		80
HD 200044		20 Jun 2.465	- 16.2		36	20:58.7 -06 13		24 Jul 12.457	+ 2.7	0.3	36
W 13194		20 Jun 7.471	- 10.7		36	HD 200497		24 Jul 13.513	- 2.6	0.5	36
20:55.9 -15 37		23 Jun 26.398	- 82.1	6.3	37	12 Aqr		24 Sep 10.189	+ 2.2	3.9	36
RV Cap		23 Aug 2.326	- 50.7	0.5	76	ADS 14592A		34 Sep 26.217	+ 5.8		36
W 13200		23 Aug 28.349	-120.7		76	W 13234					
20:56.0 -34 26		25 Jul 2.447	- 39.4		76	20:58.7 -06 32		40 Jul 15.449	- 35.7		80
HD 200072						BD-6° 5663		42 Oct 16.201	- 38.0		108
20:56.1 +39 51		10 May 21.467	- 32.0		50	W 13232					
HD 200077		10 Aug 27.330	- 41.4		50	20:58.7 -20 15		11 Aug 7.366	+ 28.4	2.4	
W 13188		12 Sep 27.258	- 31.8	3.2		HD 200499		11 Aug 14.268	+ 19.8	1.3	
		12 Oct 24.223	- 35.7	0.2		22 n Cap		11 Aug 18.262	+ 19.0	1.9	
		12 Nov 17.177	- 40.5	2.6		W 13236		12 Aug 27.249	+ 27.4	1.6	
20:56.2 +39 41		25 Jul 4.398	- 61.8		76	20:58.8 +31 57		15 Jun 23.461	- 6.3	0.1	
20C 1250		25 Aug 3.405	- 61.1		76	HD 200510		15 Jul 27.386	- 6.7	1.2	
W 13193		25 Aug 13.428	- 51.3		76	W 13222		15 Jul 31.319	- 11.6	0.9	
20:56.3 +68 40		36 Sep 2.385	- 40.1		38	20:58.9 +03 42		43 Jul 12.448	- 31.8		80
HD 200099		42 Aug 2.405	- 40.5		36	HD 200535		43 Oct 18.181	- 23.0		80
W 13177		45 Jul 18.383	- 39.1		36	W 13230		45 Aug 25.269	- 28.6		80
20:56.6 +42 12		See ApJ 86, 363, 1937				20:58.9 -02 26		See ApJ 96, 344, 1942			
TX Cyg						TW Aqr					
W 13197						W 13235					
20:57.0 +59 02		27 Jul 14.460	- 12.8		36	20:59.1 +45 29		20 Oct 24.182	- 7.4	2.7	37
HD 200205		27 Aug 17.384	- 15.9		36	HD 200560		20 Oct 25.168	- 7.8		37
W 13195		27 Sep 12.264	- 22.7		36	W 13223		20 Nov 21.131	- 17.8	1.0	37
		28 Jul 1.396	- 6.6	1.5	36	20:59.1 +23 35		46 Jun 20.459	- 9.7		80
		28 Sep 5.306	- 25.6		36	HD 200563		48 Sep 23.226	- 8.1		80
		29 Jun 27.473	- 14.2	0.3	36	ADS 14589A		49 Aug 11.352	- 7.4		80
		32 Sep 13.225	- 26.0	2.4	36	W 13229					
		33 Sep 8.289	- 24.7		36	20:59.1 +03 36		42 Jul 5.442	- 5.7		36
20:57.3 +35 38		36 Jun 28.446	- 19.2	0.6	38	HD 200565		43 Jul 12.484	- 5.5		80
HD 200253		46 Oct 11.224	- 13.8		36	W 13238		45 Aug 25.298	- 10.8		80
W 13205		47 Jul 30.375	- 0.8	0.5	80	20:59.2 +38 16		13 Sep 14.322	- 3.8	1.3	
		49 Aug 12.246	- 14.2		80	HD 200577		13 Oct 21.229	- 4.9	1.3	
						W 13228		13 Nov 15.134	+ 0.6	3.0	

TABLE 2—Continued

R.A. (1900) Name	Decl. (1900) Name	Date (UT)	Vel. (km sec ⁻¹)	p.e. (mm)	D {mm}	R.A. (1900) Name	Decl. (1900) Name	Date (UT)	Vel. (km sec ⁻¹)	p.e. (mm)	D {mm}
20:59.2 +02 36		10 May 22.453	- 19.2		50	21:00.5 +30 31		38 Oct 9.174	- 20.3		70
HD 200580		13 Oct 12.229	- 3.7	+2.7		BD+30° 4307		39 Oct 30.194	- 16.5		36
W 13240		14 Aug 12.344	- 11.2	3.3		W 13251		42 Aug 22.300	- 25.1		36
		14 Aug 31.308	- 11.2	1.5				49 Jul 6.448	- 28.7		80
20:59.3 +45 27		20 Aug 4.332	+ 30.6		36	21:00.5 +05 34		30 Aug 11.340	- 30.9	+1.9	36
HD 200595		20 Sep 3.273	- 22.2	5.1	36	HD 200790		48 Sep 20.199	- 23.6		36
ADS 14585AB		20 Nov 26.179	- 28.6	2.5	36	4 Equ					
W 13226		21 Jun 12.473	+ 2.7		36	W 13253					
20:59.5 +30 41		28 Jul 14.424	- 9.6		37	21:01.0 +26 54		42 Sep 27.260	- 27.3		80
HD 200631		36 Oct 27.186	- 12.0		38	HD 200860		43 Sep 21.240	- 23.5		80
ADS 14597A		41 Sep 7.280	- 18.1		36	W 13258		45 Aug 25.324	- 29.0		80
W 13239		41 Oct 1.193	- 18.3		36						
20:59.6 +05 07		13 Nov 17.138	- 14.1	1.2		21:01.3 -25 24		19 Sep 8.253	+ 30.7	1.1	36
HD 200644		13 Dec 7.126	- 13.8	1.2		HD 200914		19 Sep 8.278	+ 22.0	3.7	36
3 Equ		14 May 17.487	- 17.6	0.5		24 Cap		20 Jul 30.406	+ 38.1	0.8	36
W 13244						ADS 14632A		20 Oct 25.125	+ 28.4	0.4	36
						W 13266		21 Nov 14.117	+ 34.2		36
								22 Aug 30.274	+ 28.0	0.8	36
21:00.1 +41 14		12 Nov 19.170	- 13.7	3.9		21:01.6 +30 24		38 Oct 9.217	- 9.8		70
HD 200723		13 Jul 23.492	- 7.9	2.2		BD+30° 4314		42 Jun 23.466	- 8.2		36
W 13243		13 Aug 21.399	+ 1.1	1.2		W 13262		42 Oct 20.144	- 0.1		36
		13 Sep 14.296	- 1.7								
21:00.4 +67 47		20 May 12.482	+ 12.0		36	21:01.6 +29 49		38 Oct 9.259	- 14.1		70
HD 200775		20 Oct 4.302	- 4.4		36	BD+29° 4307		42 Aug 21.334	- 12.7		36
W 13225		20 Nov 26.126	+ 5.1		36	W 13264		43 Oct 14.162	- 13.0		36
		21 Sep 16.201	- 2.1		36						
		21 Nov 22.166	- 2.9		36	21:01.6 -14 19		22 Aug 3.430	- 30.1	0.6	36
		24 Jul 14.373	- 26.5		36	HD 200968		22 Aug 31.262	- 46.5	2.1	36
		24 Jul 15.390	- 42.4		36	ADS 14638A		22 Oct 1.245	- 35.3		36
		24 Jul 23.454	- 8.4		36	W 13269		23 Jun 23.474	- 33.4		36
		24 Aug 21.333	+ 6.8		36						
		24 Aug 22.208	- 14.2		36	21:02.3 +30 47		See also ApJ 72, 46, 1930			
		24 Sep 11.344	- 12.2		36	HD 201078		45 Aug 20.297	- 3.1		10
		24 Sep 12.325	- 26.4		36	DT Cyg		45 Aug 21.271	- 1.4		10
		25 Jun 8.419	- 15.5		36	W 13270		45 Sep 18.203	+ 3.6		10
		25 Jun 9.420	- 11.8		36			45 Sep 21.114	+ 7.7		10
		25 Jul 6.453	+ 12.5		36			46 Aug 10.449	- 7.4		10
		25 Jul 7.409	- 18.3		36			46 Aug 12.451	+ 2.2		10
		25 Jul 8.205	- 6.3		36			47 Sep 7.125	- 7.0		10
		25 Jul 9.257	- 14.8		36						
		25 Jul 10.267	+ 9.7		36	21:02.4 +38 15		10 Dec 21.083	- 65.4	0.6	
		25 Jul 31.462	- 0.1		36	HD 201091		10 Dec 24.096	- 65.9	2.9	
		25 Aug 7.301	+ 4.7		36	61 Cyg A		11 Oct 6.177	- 64.6	1.3	
		25 Aug 9.392	- 3.2		36	ADS 14636A		13 Sep 12.417	- 65.1	1.6	
		26 Jun 20.456	+ 25.1		36	W 13272		17 Jun 11.434	- 67.4		
		26 Jul 26.278	- 5.7		36			23 Oct 3.236	- 64.7		5
		26 Jul 26.477	- 26.3		36			23 Nov 18.192	- 67.3	1.5	36
		27 Jul 9.401	- 0.8		36			23 Nov 19.159	- 53.3		37
		27 Jul 12.459	- 24.		36			24 Jun 23.464	- 61.2		76
		27 Jul 13.468	- 4.0		36			24 Jun 23.473	- 58.0		76
		27 Aug 14.461	- 9.4		36			24 Jun 23.484	- 54.6	0.2	76
		29 Jul 20.437	- 12.5		36			24 Jul 11.491	- 62.8		76
		29 Jul 21.413	+ 12.9		36			24 Aug 20.347	- 70.0		5
		29 Jul 22.244	- 12.0		36						
		29 Jul 23.178	+ 11.1		36	21:02.4 +38 15		10 Aug 15.391	- 48.1		50
		29 Jul 23.427	- 2.5		36	HD 201092		10 Aug 16.381	- 51.5		50
		29 Jul 24.197	- 4.7		36	61 Cyg B		11 Jun 16.421	- 69.3		
		29 Aug 16.331	+ 15.9		36	ADS 14636B		11 Jul 6.434	- 66.7	3.2	
		29 Aug 20.256	- 11.5		36	W 13273		12 Aug 18.447	- 55.2	2.5	
		29 Aug 22.411	+ 13.8		36			12 Sep 5.359	- 61.8	3.6	
								13 Sep 10.401	- 61.1	1.6	
21:00.4 +39 34		See ApJ 86, 363, 1937				21:02.5 +00 58		32 Nov 8.172	- 10.2		124
VY Cyg						TU Aqr		40 Aug 13.361	- 38.6		124
W 13249						W 13279		40 Sep 22.259	- 0.4		80
								41 Aug 3.349	+ 30.2		110
21:00.4 +06 42		16 Aug 13.321	- 61.8	2.0				41 Sep 29.230	- 11.1		110
HD 200779		16 Sep 14.317	- 62.4	4.2				45 Oct 26.156	- 5.6		108
W 13252		16 Nov 12.137	- 71.1	1.3	80			46 Jul 21.436	- 10.5		108
								46 Sep 13.191	- 29.0		108

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D (mm)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D (mm)
21:02.9 +30 12		14 Oct 11.264	- 14.8	+2.6		21:06.5 +15 27		24 Sep 19.225	- 16.4	+1.8	76
HD 201194		14 Nov 4.174	- 16.7	5.7		HD 201751		42 Aug 24.350	- 10.9		36
W 13280		14 Nov 5.142	- 15.2	0.9		W 13319		42 Oct 18.195	- 13.0		36
21:03.2 +47 15		25 Jun 27.452	- 23.6	4.4	36	21:07.4 +23 45		25 Jul 5.478	-102.7		76
HD 201251		33 Oct 30.254	- 24.7		36	HD 201889		25 Aug 30.330	-103.5		37
63 Cyg						ADS 14738AB		25 Aug 31.325	-102.8		37
ADS 14649A						W 13329					
W 13276						21:07.4 +17 21		12 Nov 19.108	- 48.5	2.7	
21:03.5 -20 36		34 Jun 29.464	- 44.0		36	HD 201891		13 Jul 23.459	- 45.5	2.7	
HD 201301		42 Sep 3.278	- 48.1		36	W 13327		13 Aug 23.364	- 42.9	0.7	
W 13291		46 Sep 19.241	- 44.6		80	21:07.4 -28 02		25 Jun 30.435	- 49.6	1.7	36
21:03.9 -20 57		30 Aug 21.300	- 46.4	3.0	36	HD 201901		25 Aug 4.357	- 65.9		36
HD 201352		42 Aug 26.250	- 42.4		36	W 13334		25 Aug 31.294	- 42.8	0.5	36
27 Cap		47 Jun 25.452	- 40.8		36			25 Sep 27.232	- 35.6	1.9	36
W 13295								27 Jun 8.495	- 39.0		36
21:04.8 +16 57		24 Sep 11.320	- 14.4		76	21:07.5 -25 15		45 Oct 19.162	- 6.7		80
HD 201479		49 Jul 7.401	- 16.0		80	HD 201921		46 Sep 20.232	- 6.2		80
W 13299		49 Aug 10.404	- 15.3		80	W 13335		47 Aug 5.355	- 8.5		80
21:05.0 +32 22		15 Jul 28.375	- 16.3	3.4		21:08.2 +68 05		17 Nov 4.236	- 29.0	0.6	36
HD 201505		15 Aug 20.373	- 29.0	1.3		HD 202012		17 Dec 4.178	- 2.7	1.4	
W 13298		15 Sep 18.259	- 25.7	0.7		T Cep		18 Jan 3.118	- 3.2	0.2	36
21:05.3 +38 19		13 Sep 20.255	- 4.8	1.0		W 13320		18 Oct 25.185	- 6.5		36
HD 201561		13 Oct 19.241	- 10.5	2.6		21:08.2 +15 10		32 Aug 14.356	- 66.0	0.4	36
W 13300		13 Dec 16.123	- 9.7	1.0		HD 202017		37 Aug 22.290	- 71.2		38
21:05.4 +59 21		43 Aug 10.410	-245.6		110	W 13337		37 Oct 19.194	- 74.0		38
20C 1263		43 Aug 23.399	-250.2		110			45 Aug 24.295	- 62.8		80
W 13296		43 Sep 11.302	-291.8		110			45 Sep 20.232	- 72.5		80
		44 Aug 25.399	-257.2		110	21:08.8 +73 18		19 Oct 6.247	+ 12.8	1.4	80
		44 Sep 27.229	-242.2		110	HD 202123		19 Oct 14.158	+ 6.1	0.7	80
						W 13317		20 Nov 24.161	+ 11.8	5.6	80
21:05.8 +71 02		36 Aug 7.267	+ 2.0		38	21:08.8 +15 34		14 Nov 7.130	- 47.6	6.4	
HD 201636		42 Aug 28.317	- 0.6		36	HD 202128		20 Nov 3.194	- 59.7	12.9	36
W 13290						ADS 14761AB		22 Oct 8.250	- 3.4		36
21:05.8 +14 50		37 Jun 17.460	+ 13.1		80	W 13340		38 Jul 7.479	- 24.9		38
HD 201640		39 Aug 4.379	+ 7.4		70	21:09.0 -02 23		See ApJ 115, 25, 1952			
W 13307		40 Sep 16.230	+ 12.3		36	BL Aqr					
21:05.8 -40 40		23 Jun 6.496	+ 11.1	2.0	37	W 13344					
HD 201746						21:09.6 +09 36		10 Aug 18.344	- 7.2	0.5	50
W 13322						HD 202275		13 Jun 18.490	- 23.2	2.8	
21:05.9 +69 17		42 Jul 28.398	- 17.7		36	7 δ Equ		13 Jul 19.356	- 12.9	1.5	
HD 201651		42 Aug 4.343	- 12.0		36	W 13348		13 Nov 18.181	- 21.8	2.0	
W 13292		44 Jun 29.460	- 10.2		80			14 Sep 10.269	- 11.6	1.1	
21:06.0 +19 33		15 Aug 26.331	- 20.0	1.9				17 Sep 2.261	- 16.8		36
HD 201672		15 Oct 20.156	- 20.2	8.0		21:09.9 -21 04		14 Jul 5.414	- 2.5		
ADS 14708A		15 Nov 28.147	- 25.5	2.7		HD 202320		14 Sep 5.245	- 7.4		
W 13309						28 φ Cap		14 Sep 29.209	- 10.8	0.3	
21:06.0 +19 33		15 Aug 26.253	- 25.8	1.2		W 13359					
ADS 14708B		15 Sep 24.284	- 12.9	1.8		21:10.2 -00 20		23 Jul 26.472	+ 15.8		76
W 13310		15 Dec 20.104	- 18.1	1.5		SW Aqr		23 Sep 25.286	- 56.4		37
21:06.2 +15 02		39 Sep 3.292	+ 6.6	2.4	70	W 13357					
HD 201706		42 Oct 19.163	+ 11.2		36	21:10.2 -15 35		14 Jul 2.403	- 27.6	2.2	
W 13314		44 Jul 31.393	+ 16.0		36	HD 202369		14 Sep 3.312	- 47.7	1.5	
		49 Jul 7.443	+ 9.8		80	29 Cap		14 Oct 6.139	- 43.5	2.6	
21:06.2 -14 53		40 Oct 23.116	- 43.5		36	W 13361		15 Jun 27.446	- 39.8	1.7	
HD 201707		42 Oct 21.110	- 39.3		36			16 Jul 18.476	- 33.9	1.4	
W 13321		44 Aug 30.288	- 36.2		36			16 Aug 17.334	- 36.8	0.0	
								16 Sep 19.231	- 38.3	1.2	
21:06.4 +30 16		See ApJ 115, 25, 1952				21:10.3 +59 42		24 Sep 8.305	- 10.2	3.1	36
V360 Cyg						HD 202380		24 Oct 12.244	- 14.8	2.0	36
W 13313						W 13343		24 Oct 13.241	- 17.0	0.9	36

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)
21:10.5 +40 44		31 Jul 25.437	- 16.2	+1.0	36			45 Sep 20.300	+ 68.9		10
HD 202403		32 Aug 12.306	- 12.5	1.4	36				- 65.1		
ADS 14778A		32 Oct 11.210	- 10.6	0.6	36	21:13.9 +17 34		15 Jul 26.451	+ 7.4	+1.9	
W 13349		32 Oct 16.301	- 10.6	0.6	36	HD 202926		15 Oct 19.203	+ 9.3	0.4	36
						W 13387		16 Jul 11.410	+ 8.7	1.8	
21:10.8 +37 37		15 Dec 17.110	- 24.8	2.9		21:14.0 -15 32		48 Sep 26.278	-107.3		110
HD 202444		17 Jun 30.465	- 18.1	3.0		YZ Cap					
65 τ Cyg		17 Jul 8.419	- 24.6			W 13397					
ADS 14787A											
W 13360						21:14.0 -26 46		11 Jul 10.418	- 46.8	2.3	
21:10.9 +41 18		See ApJ 86, 363, 1937				HD 202940		12 Aug 19.335	- 39.8	0.6	
V386 Cyg						ADS 14847A		12 Oct 24.122	- 39.3	5.6	
W 13358						W 13402		25 Jul 5.457	- 11.3		36
								25 Sep 1.301	- 36.1	1.1	36
21:10.9 -09 38		24 Sep 9.266	+ 11.2	1.8	36			25 Oct 1.201	- 7.3	2.0	36
HD 202466		24 Oct 14.167	+ 5.2	0.9	36	21:14.0 -26 46		34 Aug 26.344	+ 9.9	10.6	81
W 13365		24 Oct 15.174	+ 9.0	1.5	36	ADS 14847B		34 Oct 22.148	- 4.8	1.8	81
						W 13403					
21:11.1 -15 14		40 Oct 23.153	- 15.8		36						
HD 202495		42 Jul 25.364	+ 8.4	6.7	36	21:14.3 +55 22		20 Aug 27.401	- 18.9	2.1	36
W 13367		42 Oct 22.140	- 8.1		36	HD 202987		20 Nov 30.145	- 21.8	0.5	36
		49 Sep 7.287	- 18.0		80	W 13381		21 Jun 22.473	- 18.6		36
21:11.2 -02 39		32 Nov 8.208	- 4.9		124						
AC Aqr		40 Jun 25.486	- 29.3		124	21:14.6 +58 10		See ApJ 64, 172, 1926			
W 13366		41 Aug 14.408	- 28.9		108	HD 203025					
		42 Jun 23.402	- 9.5		110	ADS 14832A					
						W 13384					
21:11.5 -39 15		20 Jun 30.446	+ 27.8	2.9	37	21:14.6 +33 22		42 Sep 28.252	- 24.1		80
HD 202560		20 Jul 26.382	+ 22.3		37	ADS 14843A		43 Sep 20.245	- 27.2		80
W 13369		20 Aug 28.318	+ 18.6	0.8	37	W 13396		46 Aug 11.361	- 37.6	0.2	80
								49 Jul 8.467	- 27.9		80
21:12.3 -18 24		11 Jun 15.446	- 12.6	0.4		21:14.6 -20 15		25 Jul 12.447	+ 23.9	0.6	76
HD 202671		11 Jul 12.443	- 17.0	4.3		HD 203040		26 Jul 28.391	+ 18.2	3.9	76
30 Cap		12 Aug 27.273	+ 0.8	3.4		W 13409		26 Aug 16.311	+ 22.8		76
W 13374		12 Nov 24.077	- 14.2	1.3							
						21:14.8 +43 31		11 Aug 17.378	- 45.7	7.4	
21:12.9 -00 16		17 Oct 29.128	- 31.3	1.0	80	HD 203064		11 Oct 4.330	- 27.6	4.6	
HD 202751		18 Aug 20.367	- 21.2	3.0	80	68 Cyg		12 Aug 1.474	- 50.8	5.3	
W 13377		18 Sep 25.224	- 34.4	0.9	80	W 13394		12 Sep 22.340	- 28.8	6.8	
		20 Sep 2.271	- 31.1	0.4	37						
		21 Aug 24.329	- 19.8	5.4	37	21:15.3 -21 15		45 Jul 24.360	- 13.0		80
						HD 203142		47 Aug 28.296	- 2.7		80
21:13.3 +17 13		15 Jul 29.408	+ 6.2	6.2		W 13419		47 Oct 1.201	- 6.7		80
HD 202815		15 Aug 28.314	- 1.2	2.0							
W 13380		15 Sep 22.235	- 8.4	1.7		21:15.8 -05 00		17 Sep 4.284	- 7.1	1.6	36
						HD 203222		18 Jun 29.487	- 5.9	4.6	36
21:13.7 -16 36		33 Aug 4.377	- 39.1		36	16 Aqr		18 Jul 21.422	- 3.6	0.1	36
HD 202890		34 Jul 24.411	- 30.3	1.4	36	W 13424					
W 13393		35 Aug 9.352	- 36.8		38						
						21:16.2 +06 56		23 Aug 27.318	- 22.0	1.2	36
21:13.8 +17 18		15 Jun 28.472	+ 8.6	1.5		HD 203291		23 Oct 23.207	- 23.4	6.7	5
HD 202907		15 Jul 27.450	+ 6.0	1.0		W 13425		23 Nov 21.155	- 20.5		36
W 13385		15 Oct 18.125	+ 0.8	1.6	36						
						21:16.5 +58 13		13 Sep 21.291	- 17.7	1.6	
21:13.8 +11 09		35 Jul 21.378	- 52.4		38	HD 203338		13 Nov 8.233	- 20.9	0.1	
HD 202908			+ 55.7			ADS 14864A		13 Dec 10.105	- 24.6	3.6	
ADS 14839AB		45 Jul 20.397	- 51.3		36	W 13414					
W 13386			+ 58.2								
		45 Jul 21.361	- 31.8		10	21:16.5 +58 13		25 Sep 9.309	+ 32.4		76
			+ 41.6			ADS 14864B					
		45 Jul 21.406	- 24.4		36						
			+ 40.2			21:16.5 +23 27		18 Aug 28.296	- 92.3	1.8	70
		45 Jul 24.462	- 56.3		10	HD 203344		18 Nov 23.134	- 86.2	0.9	36
			+ 60.9			W 13428		18 Dec 13.125	- 86.5	2.0	36
		45 Jul 26.476	+ 63.5		36						
			- 46.7			21:16.6 -09 45		27 Oct 17.176	- 50.2		36
		45 Jul 30.319	+ 68.5		36	HD 203364		27 Oct 21.172	- 46.3		36
			- 54.1			W 13437		28 Jun 26.467	- 59.4	7.1	36
		45 Aug 20.294	+ 13.3		36			28 Jul 9.465	- 48.8		36
		45 Sep 7.256	+ 7.4		36						
		45 Sep 18.222	+ 59.4		36						
			+ 68.9								

(continued)

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	σ_D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	σ_D ($\frac{\text{\AA}}{\text{mm}}$)
21:16.7 +52 33 HD 203380 ADS 14878A W 13421		31 Jul 5.448 31 Aug 26.342 31 Aug 27.337 32 Aug 11.433	+ 32.2 + 34.0 + 36.8 + 29.4	+0.0 0.6 3.6 1.7	36 36 36 36	21:19.4 +23 51 HD 203803 W 13461		11 Sep 6.305 11 Sep 13.276 11 Oct 11.236 12 Sep 21.289 12 Nov 23.120	- 15.6 - 25.6 - 21.1 - 17.4 - 14.1	+0.4 0.5 3.6 4.5 2.2	
21:16.7 +52 33 ADS 14878B W 13422		31 Aug 26.416 31 Aug 27.417 32 Aug 11.375	+ 35.7 + 34.8 + 29.4	0.9 0.8 1.1	36 36 36	21:19.4 +17 51 AU Peg		33 Jul 4.479 33 Jul 14.500 33 Aug 1.500	+ 33.1 + 22.8 - 43.0		81 124 124
21:16.8 +76 36 HD 203399 W 13389		13 Oct 11.200 13 Nov 11.176 13 Dec 10.136	+ 16.7 + 16.8 + 13.0	1.0 1.8 1.1		21:19.6 +86 37 HD 203836 W 13324		24 Jul 9.317 47 Oct 31.198 50 Jul 28.247 50 Oct 5.116	+ 12.2 - 0.1 - 14.6 + 6.6	4.5	36 80 36 80
21:16.8 +65 44 HD 203400 W 13412		42 Sep 29.259 45 Jul 22.445 46 Jul 15.465	- 37.5 - 34.3 - 35.4		80 80 80	21:19.6 -03 50 HD 203843 20 Aqr W 13466		31 Oct 23.125 42 Jul 1.462 45 Jun 19.484	- 25.5 - 20.7 - 24.8	6.0	36 36 36
21:17.0 +31 46 DM Cyg W 13432		38 Aug 10.372	- 59.4		108	21:20.1 +25 45 HD 203925 W 13469		23 Oct 24.202 25 Sep 28.186 25 Oct 25.218	+ 3.7 + 3.6 + 0.3	1.2 0.7	36 36 36
21:17.3 -23 05 HD 203475 W 13444		25 Jun 30.469 25 Oct 26.132	- 2.6 - 12.6	2.1 1.1	36 36	21:20.1 -03 59 HD 203926 21 Aqr W 13470		28 Aug 1.398 32 Nov 14.130 33 Sep 13.277	- 22.0 - 25.0 - 23.7	4.2	36 36 36
21:17.6 -09 44 HD 203525 17 Aqr W 13445		17 Sep 2.284 18 Jul 22.353 18 Sep 16.268 35 Aug 15.235 35 Aug 16.271 35 Sep 15.201 39 Aug 31.276 46 Jun 9.465	+ 14.6 + 12.8 + 12.8 + 23.4 + 23.4 + 20.8 + 16.0 + 17.1		36 70 38 38 38 36 36 10	21:21.4 +00 40 HD 204121 W 13483		20 Jun 30.318 20 Jul 7.359 20 Aug 4.458	+ 15.2 + 9.0 + 6.2	1.1 2.9	36 36 36
21:17.9 +37 02 MZ Cyg W 13441		See ApJ 86, 363, 1937				21:21.5 +79 56 HD 204129 ADS 14916A W 13443		25 Oct 2.260 26 Oct 20.250 26 Nov 15.188	+ 27.9 + 30.7AB + 23.0	0.1	36 36 36
21:17.9 +06 23 HD 203562 10 Equ ADS 14920A W 13447		11 Sep 10.299 11 Oct 7.284 11 Nov 5.172	- 8.3 - 11.9 - 11.6	1.4 3.5 0.5		21:21.5 +03 17 AC+3° 2561- 36 W 13484		44 Aug 9.349 48 Jul 19.362	- 8.3 + 12.4		108 108
21:18.4 +16 04 HD 203631 W 13452		15 Aug 27.380 15 Oct 18.185 15 Nov 20.143	- 66.8 - 65.6 - 69.7	0.6 2.1 0.5	36 36 80	21:21.5 -21 37 HD 204139 35 Cap W 13487		21 Sep 22.203 25 Aug 5.355 25 Sep 29.208	+ 20.8 + 30.2 + 20.5	1.0 1.9 4.1	36 36 36
21:18.4 -21 16 HD 203638 33 Cap W 13459		29 Jun 23.473 33 Jun 9.497 33 Aug 11.415	+ 26.1 + 18.4 + 22.9		36 36 36	21:21.6 +83 50 HD 204149 W 13406		33 Sep 29.275 46 Aug 10.234 47 Oct 31.217	+ 4.0 + 1.0 + 10.1		36 80 80
21:18.5 +48 58 HD 203644 W 13446		32 Sep 12.263 47 Oct 4.258	- 1.1 - 2.2	0.8	36 36	21:21.6 +46 17 HD 204153 W 13478		11 Jul 5.455 12 Aug 28.395 12 Sep 24.259 12 Oct 29.227 12 Nov 26.187 17 Oct 3.159	0.0 - 4.8 + 4.5 - 3.8 + 4.3 + 4.8	0.8 1.4 3.4 2.8 1.6	
21:18.6 +41 26 BD+41° 4115 W 13450		19 Oct 19.156 19 Oct 20.158 21 Aug 18.431 28 Aug 5.454	+ 25.3 + 24.6 + 13.9 + 30.4		37 37 37 76	21:21.7 +36 14 HD 204172 69 Cyg ADS 14969A W 13479		11 Jul 19.428 12 Aug 30.395 12 Oct 22.200	+ 0.2 + 2.6 + 2.2	3.9 3.6 1.7	
21:18.8 +13 37 HD 203699 W 13457		12 Sep 27.283 12 Oct 24.256 12 Nov 17.122 21 Oct 19.209 21 Oct 20.117	- 3.6 - 13.4 - 9.5 - 17.7 - 22.6	3.0 1.5 2.5		21:22.4 +18 10 AO Peg W 13489		38 Sep 7.354	+134.2		108
21:18.9 +40 30 HD 203712 W 13454		44 Jul 30.362 49 Oct 10.209	- 49.7 - 45.1	2.2	80 80	21:23.0 -22 15 HD 204381 36 Cap W 13494		18 Oct 22.227 21 Jun 19.476 22 Sep 1.283	- 23.8 - 25.4 - 32.5		36 36 36

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\frac{\text{\AA}}{\text{mm}}$ }	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\frac{\text{\AA}}{\text{mm}}$ }
21:23.2 +36 41 HD 204403 70 Cyg W 13491		13 Aug 22.343	- 19.6	+2.1		21:26.6 +52 30 HD 204905 ADS 15035A W 13523		23 Aug 19.363 23 Aug 31.342 23 Sep 25.347	- 17.7 - 19.4 - 22.3	+2.2 7.5 5.7	36 36 36
21:23.8 +31 47 HD 204485 W 13496		15 Nov 21.197 16 Nov 7.212 16 Dec 5.105	- 23.9 - 23.7 - 28.0	3.6 0.6 3.7	80	21:26.8 +46 06 HD 204933 W 13525		17 Dec 2.175 19 Jun 14.476 19 Oct 8.143 19 Nov 12.160	- 10.2 - 11.8 - 10.2 - 14.1	0.8 6.0	80 37 37
21:24.3 +11 45 ADS 15010ABC W 13502		28 Jul 16.324 37 Jul 19.431 38 Jul 11.382	-241.4 -238.1 -260.8	5.4	250 124 108	21:27.0 +59 56 HD 204964 W 13524		28 Jul 14.479 30 Aug 6.383 31 Sep 23.225 34 Sep 2.291	- 11.7 - 10.5 - 35.9 - 31.3	1.5	37 36 36 36
21:24.4 -19 36 HD 204577 W 13507		34 Oct 24.181 42 Jul 30.408 45 Jul 19.404	- 10.8 - 9.7 - 16.8		36 36 36	21:27.4 +70 07 HD 205021 8 β Cep ADS 15032A W 13520		20 May 27.432	- 1.7		36
21:24.5 +21 45 HD 204585 W 13501		45 Oct 16.145 48 Jul 5.427	- 21.1 - 21.7		36 80	21:27.4 +70 07 ADS 15032B W 13521		20 May 27.465 23 Apr 29.483 23 Jun 27.477 24 Oct 20.206	- 22.8 - 10.6 - 15.0 - 24.0	4.9 11.0 15.0	36 80 36 36
21:24.5 -12 56 HD 204587 W 13508		15 Oct 16.164 16 Aug 14.320 16 Sep 16.269	- 77.0 - 89.0 - 89.2	14.2 4.1	80	21:27.8 +80 05 HD 205072 W 13499		33 Jun 2.421 35 Aug 19.309 36 Sep 6.274	+ 1.1 + 5.4 + 5.0		36 38 38
21:24.8 +25 01 HD 204627 W 13505		43 Aug 13.356 43 Oct 17.164 45 Aug 25.351	- 15.4 - 15.1 - 14.5		80 80 80	21:28.1 +52 11 HD 205114 W 13526		20 Sep 2.335 22 Sep 4.324 23 Jul 3.484	- 25.0 - 25.4 - 25.9	1.5 0.7	36 36 36
21:25.0 +17 12 20C 1285 W 13510		43 Jul 9.463 43 Aug 21.401 43 Oct 15.198	+ 5.2 + 7.2 - 5.7		110 108 110	21:28.2 -16 38 HD 205132 ADS 15080A W 13550		45 Oct 23.136 47 Aug 27.322 47 Oct 1.217	- 38.1 - 38.4 - 43.7		80 80 80
21:25.2 -14 44 HD 204692 W 13519		28 Aug 3.383 30 Jul 17.426 31 Aug 22.341	+ 1.5 + 6.2 + 3.6	1.7 0.1 0.5	36 36 36	21:28.3 +60 01 HD 205139 W 13535		14 Oct 5.236 17 Jul 5.464 17 Sep 8.391	- 11.4 - 9.9 - 5.5	3.5 1.3	15 15
21:25.4 +11 51 HD 204712 W 13516		20 Jun 30.377 20 Jul 28.394 20 Aug 5.356 20 Oct 28.184 20 Nov 27.163 21 Jul 27.413	- 14.7 - 21.2 - 24.5 - 39.6 - 29.6 - 28.5	2.9 2.8 0.8 1.5 0.8 0.3	36 36 36 36 36 36	21:28.4 +20 16 HD 205160 ADS 15076A W 13541		21 Aug 20.342 21 Sep 13.278 21 Sep 15.328	+ 18.6 + 12.8 + 13.6		36 36 36
21:25.5 +23 12 HD 204724 2 Peg ADS 15027A W 13515		14 Jul 6.435 14 Sep 5.303 14 Oct 6.166	- 16.4 - 19.8 - 22.0	2.1		21:28.4 +20 16 ADS 15076B W 13540		21 Jul 14.476 21 Sep 12.285 21 Oct 10.226	+ 6.3 + 4.9 + 6.2	0.8	37 37 37
21:25.6 +63 57 HD 204734 W 13504		37 Oct 24.132 43 Aug 9.394 45 Aug 23.276	- 10.3 - 8.6 - 8.7		80 80 80	21:28.9 +75 58 HD 205234 W 13528		23 Jul 27.442	+ 72.3 - 72.2	0.9 0.3	36
21:25.8 +66 22 HD 204770 7 Cep W 13503		11 Jul 18.411 11 Aug 11.355 11 Aug 17.415 11 Oct 9.276 12 Oct 29.260 12 Nov 27.188	+ 18.4 + 11.4 + 3.6 + 12.5 + 13.0 + 1.2	3.8 1.9 4.2 1.0 0.2 4.4		21:29.2 -20 31 HD 205289 37 Cap W 13555		33 Aug 10.431 42 Jun 30.476 46 Jul 14.440	+ 8.6 + 5.5 + 2.5	8.5	36 36 36
21:25.8 +46 06 HD 204771 71 Cyg W 13514		16 Sep 18.252 17 Jul 1.475 17 Jul 31.456 18 Dec 15.153	- 15.4 - 15.5 - 21.6 - 17.0	1.6 1.1 0.7	36	21:29.3 -20 42 HD 205306 W 13557		33 Aug 10.370 35 Jun 23.461 45 Oct 20.158 46 Oct 14.173	- 12.8 - 16.3 - 11.3 - 12.5		36 38 80 36
21:26.0 +45 27 HD 204814 W 13518		17 Oct 26.219 17 Nov 27.184 18 Jul 23.387	- 82.5 - 84.3 - 81.5	0.9	36	21:29.5 -23 54 HD 205342 W 13559		28 Jul 30.394 28 Nov 2.138 29 Sep 17.275 48 Oct 22.147	- 12.4 - 22.7 - 9.0 - 13.6	9.1 3.7 1.0	36 36 36 80
21:26.1 +05 07 HD 204832 W 13526		46 Aug 7.413 47 Aug 6.400 48 Jul 3.455	- 7.9 - 3.7 - 4.1		80 80 80	21:29.9 +67 56 BD+67° 1324 W 13545		16 Oct 18.125 17 Jul 6.460 17 Oct 5.286	- 22.7 - 16.4 - 21.2	0.7 2.3	80 80

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)
21:30.1 -04 26		14 Jul 5.372	+ 1.4	+1.5		21:34.4 -00 30		12 Sep 5.331	- 23.3	+2.0	
HD 205423		14 Sep 5.214	- 5.4	0.6		HD 206058		12 Nov 19.070	- 19.3	1.6	
W 13560		14 Sep 30.198	+ 1.5			ADS 15176AB		12 Dec 18.078	- 16.0	1.0	
						W 13600		13 Jul 24.455	- 16.8	0.3	
21:30.2 +45 09		15 Dec 18.107	+ 5.0	0.5				25 Jul 11.425	- 51.2	1.0	36
HD 205435		17 Jul 31.476	+ 8.4	0.4				25 Jul 12.448	- 43.6	3.9	36
73 ρ Vyg		17 Dec 6.101	+ 8.2			21:34.5 +01 48		18 Oct 17.270	- 31.9		80
W 13556						HD 206067		18 Oct 20.240	- 32.8	3.4	80
21:30.7 +38 05		14 Sep 2.318	- 61.9	1.4		25 Aqr		19 Sep 7.339	- 36.5	1.0	36
HD 205512		14 Sep 6.207	- 66.5	0.9		W 13601					
72 Cyg		14 Sep 11.273	- 63.7	1.7		21:34.6 +61 52		30 Sep 5.326	- 71.6	0.6	80
W 13561						HD 206078		33 Oct 28.139	- 75.3		36
						W 13589		33 Dec 3.144	- 75.3		36
21:31.0 +51 15		14 Sep 4.295	- 14.1	15.2		21:35.0 +31 05		15 Jul 30.333	- 29.0	2.0	
HD 205551		14 Oct 31.165	- 35.8	5.5		HD 206137		15 Sep 27.258	- 28.4	2.4	
W 13562		16 Sep 11.292	- 41.6	3.5		W 13602		15 Oct 20.247	- 26.0	2.0	
		17 Sep 9.394	- 17.7	14.4							
		17 Oct 4.275	- 8.1	5.1		21:35.6 +41 16		36 Oct 5.250	- 9.0	0.0	80
21:31.1 +02 47		23 Aug 22.365	-199.2			HD 206224		43 Nov 13.123	- 17.4		80
SX Aqr		54 Nov 29.193	-246.7		110	ADS 15186A		46 Sep 18.273	- 18.0		80
						W 13609					
21:32.3 +66 17		35 Jul 9.464	- 9.0		38	21:35.6 +41 16		36 Oct 5.330	- 17.9		80
HD 205741		35 Aug 12.316	- 20.9		36	HD 206225		43 Jul 9.450	- 18.0		80
W 13565		45 Sep 1.302	- 9.2		36	ADS 15186E		43 Nov 13.153	- 17.8		80
		48 Oct 21.149	- 11.6		80	W 13610					
21:32.3 +31 39		See ApJ 96, 344, 1942				21:36.1 -14 29		See ApJ 95, 425, 1942			
HD 205733						HD 206301					
AB Cyg						42 Cap					
W 13574						W 13620					
21:32.4 -00 50		11 Aug 8.365	+ 21.6	2.0		21:36.3 +42 49		21 Jul 24.468	- 27.0	0.8	36
HD 205765		11 Aug 13.352	+ 15.6	1.1		HD 206330		21 Dec 13.125	- 28.3	1.4	36
ADS 15142A		12 Sep 26.286	+ 13.7	2.2		75 Cyg		22 Jun 17.474	- 25.2		37
W 13579						ADS 15208A		22 Jul 12.448	- 23.3		36
						W 13616					
21:32.5 +66 20		42 Jul 27.371	- 15.9		36	21:36.4 -23 43		33 Aug 5.342	- 46.7	0.9	36
HD 205776		45 Jul 22.467	- 10.1		80	HD 206356		49 Sep 8.232	- 34.4	1.1	80
W 13566		46 Jul 15.492	- 10.4		80	41 Cap		49 Nov 5.123	- 36.9		36
21:33.0 +57 01		34 Oct 25.252	- 17.8	6.2	80	ADS 15223A					
HD 205850		43 Nov 15.115	- 13.4		80	W 13625					
ADS 15137A		45 Aug 23.319	- 15.3		80						
W 13575						21:36.6 +26 18		20 Jun 30.449	- 29.2	5.2	36
						HD 206374		20 Aug 30.283	- 39.1		36
21:33.0 +18 52		11 Oct 5.271	- 35.3	1.5		W 13621		20 Sep 29.225	- 48.2	0.8	36
HD 205852		11 Oct 15.183	- 39.5	2.1				20 Oct 27.205	- 46.4	0.3	36
5 Peg		12 Sep 20.327	- 39.2	5.2							
W 13583						21:36.8 +24 19		48 Jul 19.297	- 7.2		108
21:33.0 -02 44		23 Aug 6.360	+ 4.2	4.0	76	CG Peg					
HD 205855		24 Jul 12.466	+ 11.7	4.5	76	W 13622					
W 13586		24 Aug 9.334	+ 7.1	1.6	76						
21:33.5 +05 19		26 Sep 25.281	- 22.1		36	21:36.8 -00 06		31 Aug 21.338	+ 16.1		36
HD 205924		27 Jul 10.488	- 5.0		36	HD 206404		32 Sep 16.251	+ 17.7		36
4 Peg		27 Nov 7.111	- 20.9		36	W 13627		39 Jul 2.458	+ 16.2		36
ADS 15157A		29 Aug 18.310	- 18.6	7.1	36						
W 13595						21:37.1 +00 49		14 Jul 5.393	+ 19.3	0.8	
						HD 206445		14 Aug 6.429	+ 12.2	4.3	
21:33.5 +32 45		40 Oct 16.222	- 28.2		36	26 Aqr		14 Sep 5.278	+ 7.3	1.8	
HD 205941		45 Oct 17.189	- 30.6		80	W 13629		14 Oct 28.142	+ 5.8	2.1	
W 13588		46 Sep 16.291	- 28.6		80			16 Jul 15.365	+ 9.1	0.9	
						21:37.3 +57 08		33 Aug 2.394	- 16.1		36
21:33.8 +32 40		15 Jul 20.474	+ 11.0	2.5		HD 206482		34 Aug 3.356	- 32.2		36
HD 205967		15 Aug 25.285	+ 7.4	3.1		ADS 15214A		35 Jul 19.419	- 12.8		38
W 13591		15 Sep 19.220	+ 9.6	3.0		W 13618					
						21:37.3 +05 14		24 Jul 20.450	- 0.2	1.0	36
21:34.3 +19 48		11 Sep 7.316	- 13.1	1.9		HD 206487		24 Aug 14.365	- 8.0	2.0	36
HD 206043		11 Sep 16.281	- 9.0	1.1		7 Peg		24 Sep 10.224	- 1.8	0.3	36
W 13598		11 Oct 12.219	- 17.8	3.1		W 13631		24 Oct 15.238	- 2.6	1.1	36
		11 Oct 31.223	- 15.1	5.6							

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	$\frac{D}{A}$ {mm}	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	$\frac{D}{A}$ {mm}
21:37.6 +40 21		11 Aug 10.392	+ 33.4	+0.7		21:39.6 +28 18		18 Oct 24.156	+ 15.7	+0.6	36
HD 206538		11 Aug 16.408	- 2.5	6.8		HD 206827		21 Jul 15.435	+ 13.4	1.9	36
76 Cyg		13 Jun 19.466	+ 13.5	0.9		μ 2 Cyg		23 Jun 4.493	+ 18.9	0.4	36
W 13628						ADS 15270B					
						W 13655					
21:37.6 -20 04		See ApJ 74, 201, 1931					21:39.6 -09 30		34 Jul 25.380	- 25.2	36
HD 206546						HD 206833		36 Aug 11.392	- 29.5		38
W 13639						W 13664		45 Oct 21.164	- 21.2		80
21:37.7 +70 51		33 Oct 30.197	- 8.3		36	21:39.6 -09 32		14 Jul 3.456	- 7.3		
HD 206554		45 Jul 18.439	- 7.3		36	HD 206834		14 Sep 7.299	- 4.5		
W 13617		46 Jul 10.468	- 4.3		36	46 Cap		14 Sep 30.224	- 7.6		
		48 Nov 8.135	- 11.3		36	W 13666					
21:37.8 +35 03		13 Jul 25.355	+ 13.0	1.1		21:39.8 +24 53		16 Aug 8.450	- 48.8	1.5	
HD 206570						18C 2823		16 Sep 13.355	- 51.3		80
V460 Cyg						W 13660		16 Dec 13.137	- 52.4	3.3	
W 13634											
21:38.5 +00 05		27 Aug 15.361	- 30.4	0.4	36	21:39.8 +16 54		14 Sep 2.306	- 24.2	0.4	
HD 206660		28 Aug 6.359	- 26.6		36	HD 206859		14 Sep 6.264	- 25.0	3.2	
W 13645		34 Aug 24.380	- 31.2		36	9 Peg		14 Sep 11.315	- 28.9	2.2	
						W 13662		14 Sep 29.239	- 24.4	1.0	
21:38.6 -15 12		11 Aug 9.367	- 0.9	4.3		21:39.8 +14 19		43 Oct 16.187	- 25.6	1.2	36
HD 206677		11 Aug 14.319	+ 18.9	1.4		HD 206860		47 Jun 25.485	- 17.3		36
45 Cap		11 Aug 18.315	- 30.3	3.0		W 13661		47 Jul 30.389	- 18.6		80
W 13650											
21:38.8 +43 08		See ApJ 124, 317, 1956					21:39.9 +28 20		See ApJ 53, 201, 1921		
HD 206697						HD 206874					
SS Cyg						ADS 15275A					
W 13641						W 13659					
21:39.0 +49 08		36 Sep 2.264	+ 2.3		38	21:40.1 +25 11		25 Aug 5.240	+ 12.5	3.9	76
HD 206731		42 Sep 4.299	+ 0.9		36	ADS 15281C					
W 13642		45 Jul 18.478	- 1.3		36						
21:39.1 +40 42		11 Aug 12.374	- 25.4	2.2		21:40.4 +59 19		19 Aug 17.384	+ 19.4	0.9	36
HD 206749		12 Aug 21.422	- 26.3	1.7		HD 206936		19 Oct 12.188	+ 15.7	2.1	36
W 13644		12 Sep 21.348	- 25.0	2.5		μ Cep		20 Jun 9.468	+ 32.8	0.3	36
		12 Oct 20.251	- 26.7	1.2		ADS 15271A					
		20 Jun 6.480	- 17.2	0.6	36	W 13658					
		20 Jun 9.440	- 15.9		36						
		20 Jul 30.441	- 21.7	0.6	36	21:40.5 +41 08		44 Aug 6.363	- 20.2		108
		20 Aug 1.380	- 23.1		36	BD+40° 4631		44 Sep 24.229	- 20.9		108
						W 13669					
21:39.1 +37 34		15 Sep 28.230	- 18.5			21:40.9 -09 44		14 Oct 6.281	+ 16.1	3.0	
HD 206750						HD 207005		15 May 31.484	+ 20.5	1.1	
RV Cyg						47 Cap		16 Jul 15.433	+ 23.7	1.0	
W 13647						W 13678		16 Aug 18.321	+ 24.9	0.7	
21:39.3 +37 50		11 Oct 8.275	- 29.4	3.7		21:41.1 +11 25		42 Nov 1.125	- 33.3		36
HD 206774						HD 207033		44 Jun 30.461	- 27.6		80
79 Cyg						ADS 15300AB		45 Aug 24.314	- 23.4		80
W 13651						W 13675					
21:39.3 +09 25		16 Oct 9.219	+ 6.5	2.5	36	21:41.3 -12 09		33 Oct 29.174	+ 2.4		36
HD 206778		16 Nov 6.208	+ 6.3	0.8		HD 207061		46 Sep 19.264	- 0.9		80
8 ϵ Peg		17 Aug 10.373	+ 5.5	1.1		W 13684		47 Aug 30.308	+ 4.0		36
ADS 15268A		29 Sep 25.291	+ 2.5		36						
W 13654		29 Sep 26.246	+ 1.1		36	21:41.5 +22 30		14 Jun 12.473	- 9.2		
		33 Aug 8.446	+ 2.5		3	HD 207089		14 Aug 11.380	- 12.6	0.3	
		33 Aug 9.369	+ 3.3		3	12 Peg		14 Sep 7.276	- 10.4		
		36 Jun 29.498	- 6.1		38	W 13680					
21:39.4 +27 24		42 Sep 27.290	- 58.3		80	21:41.5 -16 35		20 Jun 25.491	+ 13.8	2.0	36
HD 206792		42 Oct 21.185	- 57.1		36	HD 207098		22 Aug 3.469	+ 72.0		36
ADS 15267AB		45 Sep 20.252	- 56.6		80	49 δ Cap					
W 13653						ADS 15314A					
						W 13686					
21:39.6 +28 18		17 Aug 1.443	+ 18.4	1.5		21:41.8 +25 06		16 Sep 19.291	- 42.3	1.1	
HD 206826		17 Sep 5.305	+ 15.5	1.6		HD 207134		16 Oct 8.217	- 38.8	1.5	36
μ Cyg		18 Aug 24.292	+ 18.4		70	W 13685		16 Nov 10.122	- 48.3	0.7	
ADS 15270A								16 Dec 6.113	- 48.1	0.6	
W 13656											

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)
21:42.1 +73 59 18C 2830 W 13671		37 Jul 25.451 37 Aug 18.334 37 Oct 24.212 47 Aug 7.425	- 26.1 - 25.3 - 35.2 - 31.9	+5.2	80 80 80 80	21:47.5 -04 28 HD 207920 W 13739		30 Jul 16.433 31 Jun 28.474 31 Sep 22.257 32 Sep 23.295	+ 13.3 + 5.2 + 1.8 + 9.2	+0.5 0.1 1.4 1.3	36 36 36 36
21:43.8 -05 52 HD 207435 W 13706		29 Oct 16.189 45 Aug 31.315 46 Jul 11.462 48 Nov 19.109	- 6.1 + 5.9 + 1.0 + 2.3		36 36 36 80	21:47.7 +42 40 VZ Cyg W 13734		See ApJ 86, 363, 1937			
21:44.2 +38 29 HD 207489 W 13704		28 Sep 26.278 28 Sep 27.310 29 Jul 18.455	- 56.2 - 64.3 - 56.6		36 36 36	21:47.8 -14 01 HD 207958 51 μ Cap W 13747		14 Nov 2.191 17 Sep 5.317 17 Nov 27.058 18 Aug 24.313 20 Oct 25.172	- 22.0 - 23.4 - 27.1 - 25.6 - 20.8	3.1 3.3 3.4 0.0 1.1	36 36 36 70 36
21:44.2 +05 16 HD 207491 W 13708		24 Sep 11.244 26 Oct 27.151 27 Jul 7.454	- 9.3 - 10.8 - 10.2	0.6	76 37 37	21:48.0 +28 20 HD 207978 15 Peg W 13741		30 Jun 15.481 31 Oct 27.129 32 Nov 14.197	+ 10.1 + 18.6 + 17.2	1.4 1.0	36 36 36
21:44.3 -13 11 HD 207503 W 13709		23 Oct 25.151 26 Nov 14.113 28 Jul 1.434 28 Sep 1.311	+ 4.7 + 14.7 - 16.0 - 5.8	0.1 1.0 0.1 0.1	36 36 36 36	21:48.1 +39 21 HD 207992 W 13740		43 Nov 14.126 47 Aug 29.320 47 Sep 29.231	- 51.9 - 52.8 - 48.9		80 80 80
21:44.5 +60 14 HD 207528 12 Cep W 13698		13 Sep 15.310 13 Oct 18.226 13 Nov 7.145	- 17.0 - 21.8 - 20.0	0.9 1.7 2.9		21:48.2 -10 47 HD 208008 W 13750		12 Sep 5.294 50 Jul 28.333 50 Oct 4.138 50 Nov 2.147	- 12.3 - 6.5 - 18.5 - 8.3	1.9	36 36 36 80
21:45.6 +40 40 HD 207673 W 13712		33 Jun 13.416 34 Aug 31.282 34 Oct 27.250 43 Jul 23.406	+ 2.6 - 0.7 + 5.3 - 5.1	1.1	38 33 10	21:48.2 -20 28 HD 208011 ADS 15419A W 13752		34 Jul 27.416 47 Oct 28.178 48 Oct 22.172	- 13.0 - 7.2 - 9.8		37 80 80
21:45.7 -23 44 HD 207692 W 13723		45 Oct 19.192 46 Sep 15.279 47 Oct 1.232	- 47.2 - 50.0 - 49.8		80 80 80	21:48.5 +25 27 HD 208057 16 Peg W 13748		13 Aug 22.376 13 Sep 9.360	- 20.0 - 11.8	0.6 3.7	
21:46.2 -19 05 HD 207760 W 13726		42 Jul 2.470 46 Oct 13.187 47 Oct 2.200	- 47.1 - 40.7 - 38.8		36 36 36	21:48.6 +55 19 HD 208063 ADS 15405B W 13742		26 Sep 22.322 26 Sep 25.322 26 Sep 26.300 27 Sep 6.413	+ 6.1 - 6.0 - 10.9 - 11.5	5.2 8.4 5.2 10.9	36 36 36 36
21:46.4 +60 49 HD 207780 W 13715		34 Jul 3.470 35 Sep 11.313 48 Sep 24.263	- 19.7 - 16.5 - 18.6		36 80 80	21:48.7 +66 23 HD 208074 ADS 15398A W 13736		16 Oct 17.201 17 Aug 4.306 17 Aug 30.304 20 Nov 24.236 21 Nov 13.224 22 Dec 28.120	- 22.9 - 10.1 - 27.8 - 5.4 - 17.4 - 15.8	5.4 4.5 6.0 2.9 5.3 4.9	36 36 80 80 36 80
21:46.6 +32 11 HD 207804 W 13725		16 Oct 18.197 19 Oct 7.204 21 Nov 8.167	- 23.1 - 18.6 - 13.7	2.3	37 37	21:48.8 +55 20 HD 208095 ADS 15405A W 13743		12 Jul 27.468 26 Jul 23.168 26 Sep 22.357 26 Sep 26.329	- 11.4 - 18.6 - 13.4 + 5.1	3.5 19.0 10.8	36 36 36 36
21:46.8 +66 20 HD 207826 ADS 15366A W 13717		25 Jul 7.476 25 Sep 28.215 26 Jun 27.481	- 8.2 + 15.2 + 27.4	1.1 1.4	36 36 36	21:48.9 -04 45 HD 208111 W 13757		28 Jun 27.477 28 Oct 2.242 29 Jul 25.417	- 34.4 - 37.2 - 38.9		36 36 36
21:47.0 +08 36 HD 207862 ADS 15392A W 13731		24 Aug 22.312 25 Sep 9.354 25 Sep 29.276	+ 10.4 + 14.8 + 26.7	2.4 4.0 2.9	36 36 36	21:49.4 +27 53 HD 208174 W 13759		42 Jun 27.433 47 Nov 23.132 48 Sep 20.228	- 0.4 - 3.1 - 13.2		36 36 36
21:47.2 +64 46 HD 207884 W 13722		15 Sep 17.247 15 Oct 18.267 15 Nov 26.156 16 Aug 18.416	- 3.2 + 2.3 + 8.0 + 8.1	2.6 0.9 2.0 1.7	36	21:49.7 +55 44 HD 208219 W 13755		20 Aug 2.381 20 Sep 3.352 20 Oct 3.211 20 Oct 21.248	- 21.0 - 8.1 - 19.9 - 11.0	1.0 3.7	36 36 36 36
21:47.4 +31 26 HD 207908 W 13733		15 Jul 28.449 15 Sep 21.321 15 Oct 26.134	- 8.4 - 11.7 - 15.0	1.3 4.0 1.7		21:49.7 +46 48 BD+46° 3474		20 Jul 23.425	- 39.9		37
21:47.5 +22 05 AV Peg W 13735		38 Sep 2.405 38 Sep 2.436	-125.3 - 96.8		124 124	21:49.8 +41 19 20C 1320 W 13761		44 Aug 7.401 44 Sep 24.257	- 40.9 - 29.8		108 108

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\frac{\text{\AA}}{\text{mm}}$ }	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\frac{\text{\AA}}{\text{mm}}$ }
21:50.4 +45 05		36 Oct 26.155	+ 6.2	+2.7	38	21:53.3 +79 05		25 Oct 27.213	- 12.1		36
HD 208310		37 Jul 28.398	- 7.2		80	HD 208742		26 Jul 31.377	- 19.1	+1.5	36
W 13768		38 Sep 16.248	- 10.7	1.4	70	W 13772		26 Aug 20.481	- 13.9		36
		41 Oct 30.157	+ 5.5		36						
21:50.4 +31 52		43 Aug 10.353	- 10.4		80	21:53.5 +03 18		20 Aug 30.340	+ 25.3		36
HD 208313		45 Oct 17.211	- 17.4		80	HD 208776		20 Nov 28.144	+ 26.1		36
W 13769		46 Sep 16.321	- 19.9		80	W 13805		21 Jul 13.426	+ 25.0		36
		48 Jun 24.476	- 13.7		80			21 Jul 17.461	+ 20.0		36
21:50.8 +67 38		42 Sep 30.237	- 8.1		80	21:53.7 -23 21		42 Aug 26.300	- 14.9		36
HD 208376		43 Sep 23.281	- 13.9		80	HD 208808		45 Jul 24.399	- 10.3		80
W 13762		48 Jun 28.441	- 4.8		80	W 13811		45 Oct 20.179	- 7.4		80
21:50.9 +45 19		30 Aug 4.404	- 10.4	15.0	36	21:53.8 +63 09		14 Sep 4.328	- 17.5	2.4	
HD 208395		31 Aug 24.383	+ 12.6		36	HD 208816		15 May 30.473	- 20.4	2.6	
ADS 15442A		37 Sep 27.258	- 16.4	0.6	38	VV Cep		17 Nov 2.240	- 6.7		15
W 13774		47 Sep 29.260	+ 15.8		80	W 13794		21 Jul 15.465	+ 6.8	3.0	36
								21 Aug 17.304	+ 4.6		36
21:50.9 +32 10		25 Sep 29.297	-179.2	2.4	76			21 Aug 21.408	+ 4.7		15
20C 1321		25 Sep 30.272	-178.2	0.2	76			21 Sep 14.335	+ 2.9		36
W 13775		25 Oct 28.275	-177.8		76			21 Nov 7.216	+ 5.2		36
21:51.0 +67 39		42 Sep 30.277	- 6.3		80	21:54.3 +29 21		10 Aug 22.425	+ 21.4		50
HD 208411		43 Sep 23.314	- 2.3		80	HD 208906		10 Aug 23.409	- 2.5		50
W 13766		45 Oct 18.259	- 0.2		80	W 13810		10 Aug 25.416	- 9.4		50
								12 Aug 6.370	+ 6.6	1.2	
21:51.5 +56 08		14 Oct 7.151	- 22.6	5.2				12 Sep 27.311	+ 11.4	1.0	
HD 208501		14 Nov 1.181	- 21.1	11.0				12 Oct 24.287	+ 6.0	2.6	
13 Cep		16 Aug 19.315	- 20.5	3.8	15			12 Nov 17.240	+ 5.8	1.6	
W 13776		16 Sep 8.353	- 13.2	1.4	15	21:54.9 +65 40		50 Jun 28.470	+ 10.4		80
		20 Jul 27.398	- 23.6		36	HD 208971		50 Jul 27.428	+ 0.9		80
21:51.5 +53 27		19 Jul 4.477	+ 1.1		36	W 13806		50 Nov 1.161	+ 21.4		80
HD 208502		19 Jul 8.475	- 2.8		36	21:55.1 +06 14		13 Jun 21.400	- 16.9	2.0	
W 13777		19 Aug 3.493	- 5.8	1.8	36	HD 209008		13 Sep 9.312	- 0.4	2.0	
		19 Oct 11.177	- 5.3		36	18 Peg		13 Dec 15.124	- 1.7	0.5	
						W 13816					
21:51.6 +44 29		14 Nov 8.215	- 9.0	7.3		21:55.2 +43 53		23 Aug 26.462	- 35.9		76
HD 208513		23 Sep 30.198	- 85.0	6.6	36	UZ Cyg					
W 13781		37 Sep 28.253	- 61.3		38						
			+ 50.3			21:55.9 +62 13		45 Sep 2.269	- 11.8		36
		41 Jul 7.449	- 17.6		70	HD 209112		48 Jul 5.448	- 17.9		80
		45 Sep 25.237	- 10.4		36	W 13815		48 Oct 21.165	- 19.5		80
21:51.9 +15 41		21 Aug 18.362	- 22.5	1.8	37	21:55.9 +09 29		44 Aug 28.298	+ 10.5		108
HD 208552		21 Sep 17.290	- 22.8	0.0	37	BD+9° 4955		44 Sep 26.203	+ 21.0		108
ADS 15475A		22 Aug 6.390	- 21.0	2.5	37	W 13822					
W 13787											
21:52.0 +11 36		11 Oct 13.217	+ 24.4	4.1		21:56.0 +00 07		13 Oct 10.241	+ 8.6	1.2	
HD 208565		11 Nov 3.183	+ 22.4	3.7		HD 209128		13 Nov 9.147	+ 4.2	1.4	
17 Peg		12 Sep 20.375	+ 17.6	1.1		28 Aqr		13 Dec 5.143	+ 7.8	2.2	
W 13788		12 Oct 27.185	+ 15.9	5.3		W 13823					
		12 Oct 31.206	- 5.9	4.1							
		12 Nov 28.215	- 2.6	4.1		21:56.1 +44 04		See ApJ 79, 95, 1934			
		13 Aug 15.435	+ 10.9	4.8		HD 209147					
21:52.9 +64 52		23 Aug 19.312	+ 73.8	10.7	36	CM Lac					
HD 208682		23 Sep 21.300	+ 12.4	12.5	36	W 13819					
ADS 15467A		23 Oct 23.141	+ 39.4	27.7	5	21:56.2 +12 38		16 Oct 10.194	+ 8.2		
W 13786		23 Nov 21.196	- 37.0	4.4	36	HD 209166		17 Jul 8.457	+ 0.7	0.7	
						20 Peg		19 Sep 7.373	+ 8.7		36
21:53.0 -05 54		36 Nov 2.192	+ 10.4	1.5	36	ADS 15543A		20 Jul 1.372	+ 11.9		36
HD 208703		46 Oct 15.173	- 6.3		36	W 13828		20 Nov 21.116	+ 8.9		36
W 13797		48 Sep 20.257	- 0.9		36						
		48 Oct 20.162	- 2.9		36	21:56.2 +07 47		14 Sep 7.327	- 25.5	3.1	
21:53.0 -13 09		34 Jul 28.378	- 1.5		36	HD 209167		14 Sep 29.253	- 19.8	1.8	
HD 208704		34 Oct 22.185	+ 3.3		36	19 Peg		14 Oct 28.179	- 22.3	1.0	
W 13798		46 Sep 19.285	+ 6.1		80	W 13829					
21:53.2 -21 40		14 Oct 6.208	+ 1.6	3.0		21:56.4 +42 58		See ApJ 86, 363, 1937			
HD 208735		15 Jun 27.476	+ 1.7	0.8		BG Lac					
W 13804		16 Jul 10.420	+ 7.8	2.0		W 13821					

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	$\frac{D}{\text{mm}}$	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	$\frac{D}{\text{mm}}$
21:56.5 +30 15		19 Sep 20.278	- 3.0		37	21:59.7 -01 24		11 Aug 7.403	+ 26.5	+1.4	
HD 209206		20 Jun 7.455	- 5.0		37	HD 209625		11 Aug 13.415	+ 17.0	1.7	
W 13831		39 Oct 27.199	- 2.0	+15.3	70	32 Aqr		11 Sep 18.291	+ 7.6	0.0	
		47 Sep 29.284	+ 7.5		80	W 13866		13 Jun 21.450	+ 10.1	0.6	
								17 Sep 28.287	+ 15.8	0.8	
								17 Sep 30.292	+ 24.4	0.7	
21:56.7 -18 23		33 Aug 5.414	- 16.4		36	22:00.1 +67 47		43 Jul 19.442	+ 53.2		36
HD 209240		47 Oct 2.243	- 14.2		36	HD 209675		43 Oct 16.235	+ 55.2		36
W 13836		47 Oct 27.172	- 17.5		80	ADS 15587A		44 Jul 30.415	+ 59.5		80
						W 13858					
21:57.1 +00 56		44 Aug 8.366	+ 28.7		108	22:00.2 +65 35		50 Nov 1.126	- 42.3		80
HD 209290		44 Aug 10.361	+ 14.0		108	HD 209691		50 Nov 29.105	- 26.7		80
W 13839								50 Nov 29.110	- 50.9		80
21:57.4 +43 24		See ApJ 74, 101, 1931						50 Nov 30.122	- 40.6		36
HD 209318						22:00.3 +14 20		44 Oct 10.214	- 1.6		80
RT Lac						HD 209709		48 Sep 23.262	- 5.1		80
W 13837						W 13872		49 Jul 6.475	- 2.8		80
21:57.6 +62 00		12 Aug 5.408	- 21.4	3.1		22:00.6 +29 24		42 Nov 18.124	- 21.4		80
HD 209339		12 Dec 19.110	- 19.8	1.3		HD 209745		43 Sep 21.280	- 27.5		80
W 13835		13 Aug 13.491	- 23.1			ADS 15610AB		44 Oct 7.208	- 26.8		80
		19 Aug 17.348	- 15.1		36	W 13873					
21:57.8 +72 42		19 Jul 15.464	- 29.7	2.3	36	22:00.6 +04 34		17 Aug 28.340	- 17.2	3.3	36
HD 209369		19 Jul 15.479	- 18.9		36	HD 209747		18 Sep 20.269	- 24.9	1.9	70
16 Cep		19 Aug 13.426	- 27.5		36	22 v Peg		18 Oct 26.193	- 18.7	0.5	36
W 13825		19 Nov 13.161	- 14.8		36	W 13878		20 Oct 25.198	- 15.2		36
		20 Oct 26.258	- 22.7		36						
		20 Nov 29.194	- 15.9	5.0	36	22:00.6 -00 48		31 Nov 23.167	+ 10.2	1.2	38
		20 Dec 27.130	- 22.9	1.0	36	HD 209750		32 Jun 22.503	- 5.8	0.8	76
		1 Aug 21.455	- 15.4		5	34 α Aqr		32 Dec 11.133	+ 6.4	2.9	76
21:58.2 +52 24		14 Oct 7.202	- 26.5			W 13879					
HD 209419		14 Nov 8.118	- 22.9	6.1		22:00.7 +45 56		35 Jul 10.483	- 17.7		81
W 13843		14 Dec 28.101	- 17.0	3.6		SS Lac		35 Jul 12.485	- 34.6		108
21:58.3 +30 17		39 Oct 27.120	+ 2.4		70	22:00.7 +26 12		23 Jul 5.476	- 25.2	1.6	36
HD 209440		40 Aug 22.324	+ 10.9		36	HD 209761		24 Jul 19.487	- 17.7	1.6	36
W 13849		41 Aug 9.405	+ 6.7		36	W 13874		24 Sep 8.377	- 21.0	1.8	36
		47 Sep 29.305	- 2.1		80			24 Nov 7.202	- 16.5		36
21:58.7 +57 31		14 Nov 8.135	- 4.1			22:00.8 +62 38		24 Aug 10.447	- 4.0	1.4	36
HD 209481						HD 209772		24 Aug 19.383	- 4.0	1.4	36
14 Cep						18 Cep		24 Sep 8.413	- 1.0	1.1	36
W 13847						W 13871					
21:58.7 +29 44		23 Sep 16.263	- 21.4	3.3	36	22:00.9 +64 08		18 Jul 22.465	- 9.2	1.0	36
HD 209484		39 Oct 27.242	- 17.2		36	HD 209791		18 Aug 25.348	- 1.8	0.7	70
W 13855		48 Oct 19.238	- 3.2		36	17 ξ Cep B		18 Oct 24.203	- 8.0	1.4	36
21:58.9 +44 10		11 Sep 15.309	+ 5.3	1.5		ADS 15600B					
HD 209515		11 Oct 6.229	- 2.9	1.1		W 13868					
ADS 15578AB		12 Aug 4.492	+ 0.1	1.4		22:01.1 +28 28		11 Sep 12.302	- 15.6	3.7	
W 13854						HD 209833		11 Oct 5.320	- 6.0	3.7	
21:58.9 +30 30		39 Oct 27.158	+ 5.1		70	23 Peg		12 Oct 20.297	- 6.7	7.8	
HD 209516		40 Sep 15.268	+ 10.3		36	W 13881		12 Nov 26.233	+ 4.2	7.9	
W 13857		41 Sep 30.269	- 0.8		36			13 Aug 20.484	- 5.6	6.1	
		48 Nov 17.129	- 0.9		80	22:01.3 -16 08		See ApJ 96, 344, 1942			
21:58.9 +29 33		38 Nov 6.151	+ 1.5		70	HD 209879					
HD 209517		39 Oct 27.271	- 7.2		36	BM Aqr					
W 13856		40 Sep 15.316	+ 9.6		36	W 13892					
21:59.4 +27 52		See ApJ 96, 344, 1942				22:01.4 +33 01		27 Sep 7.424	-118.8		76
HD 209598						RY Peg		28 Sep 24.399	-251.4		
TW Peg						22:01.4 +01 23		34 Sep 26.273	- 40.9		36
W 13862						HD 209875		35 Aug 20.358	- 45.1		38
21:59.7 +20 34		19 Sep 11.303	-386.7	1.6	37	W 13890		42 Jun 28.464	- 42.6		36
HD 209621		20 Sep 1.327	-392.3	1.7	37						
W 13864		22 Jul 6.470	-364.6	0.6	37						
		22 Sep 3.286	-386.4	1.7	37						

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)
22:01.9 +82 23		16 Nov 10.211	- 21.8	+0.6		22:04.3 -33 03		21 Jul 18.491	- 15.0	+3.4	37
HD 209942		17 Jun 1.437	- 18.3	2.5		HD 210302		22 Sep 30.212	- 15.6	-2.8	37
ADS 15571A		17 Sep 1.376	- 27.7	1.4	36	15 τ PsA		22 Nov 28.119	- 13.6		37
W 13844		17 Oct 7.342	- 22.1	0.4		W 13929					
		18 Jan 4.116	- 23.2	2.5	36						
22:01.9 +82 23		See ApJ 65, 295, 1927				22:04.6 +45 15		See ApJ 113, 299, 1951			
HD 209943						HD 210334					
ADS 15571B						AR Lac					
W 13846						W 13917					
22:01.9 +44 31		25 Jul 1.481	- 21.5	1.1	36	22:04.8 +47 27		33 Aug 14.324	+ 0.3		36
HD 209945		26 Jul 31.442	- 17.5		36	HD 210353		48 Jul 27.467	+ 15.4	6.0	36
W 13891		26 Jul 31.464	- 19.5		36	W 13918		48 Aug 18.285	+ 3.3		36
22:02.0 +62 18		26 Jul 30.405	- 22.6		36	22:04.8 +32 41		25 Sep 2.355	- 1.8	0.1	36
HD 209960		26 Jul 30.431	- 18.3		36	HD 210354		26 Aug 28.323	- 10.5	1.6	36
20 Cep						27 Peg		26 Aug 28.354	- 6.4	1.0	36
W 13882						ADS 15672A					
						W 13922					
22:02.0 +30 05		19 Sep 3.445	+ 14.9		37	22:05.2 +50 33		See ApJ 86, 363, 1937			
HD 209964		22 Oct 11.208	+ 11.8	1.1	37	HD 235739					
W 13895		22 Oct 12.278	+ 8.6	5.3	37	Y Lac					
						W 13926					
22:02.1 +61 48		12 Aug 27.404	- 3.8	1.7		22:05.2 -11 18		45 Oct 21.186	+ 2.7		80
HD 209975		12 Sep 24.315	- 4.3	1.2		HD 210422		47 Aug 28.318	+ 1.7		80
19 Cep		12 Oct 20.342	- 18.7	3.2		W 13932		47 Oct 1.249	- 1.2		80
ADS 15624A		12 Nov 23.160	- 9.3	3.5							
W 13884		12 Dec 21.112	- 19.5	1.1		22:05.2 -12 04		12 Oct 1.256	+ 1.6	3.0	
		13 Jul 17.441	- 12.6	3.0		HD 210424					
		13 Aug 19.491	- 10.8	0.2		38 Aqr					
22:02.1 +11 17		44 Sep 2.295	- 52.6		80	W 13935					
HD 209977		48 Jul 5.469	- 69.8		80						
W 13897		48 Sep 23.290	- 68.4		80	22:05.3 -04 46		17 Jul 10.444	- 19.5		
		49 Sep 7.318	- 72.8		80	HD 210434		17 Sep 5.344	- 13.8	0.4	
						W 13936		17 Oct 7.236	- 23.2		
22:02.4 +24 51		14 Nov 8.103	- 25.9	3.0				17 Nov 24.127	- 17.5	1.1	
HD 210027		17 Jun 30.481	+ 16.2	0.9		22:05.5 -21 44		21 Sep 22.261	- 15.6	0.4	36
24 τ Peg		17 Jul 8.470	- 39.8	2.5		HD 210464		22 Oct 4.253	- 16.6	3.1	36
W 13898						W 13942		23 Oct 2.218	- 8.8	0.1	36
22:02.6 +29 49		20 Jun 7.490	- 15.4		37						
HD 210060		22 Nov 4.188	- 12.6	0.0	37	22:05.7 +11 08		45 Jul 20.440	+ 12.9		36
W 13899		23 Aug 22.281	- 2.4	0.6	36	HD 210502		45 Sep 18.262	+ 10.7		36
						W 13940		46 Jul 14.482	+ 11.9		36
22:02.7 +18 59		15 Nov 27.151	- 12.4	2.3							
HD 210074		16 Oct 9.231	- 12.2	6.8		22:05.8 +22 18		21 Sep 13.259	- 19.0	3.2	37
W 13902		16 Nov 10.153	- 18.4	1.1		18C 2889		21 Oct 11.344	- 29.6	0.6	37
						W 13941		22 Sep 28.292	- 38.8	1.9	37
22:03.1 +21 13		11 Oct 13.266	- 54.9	1.4				22 Nov 28.184	- 16.8	0.7	37
HD 210129		11 Nov 2.200	- 59.5	2.1							
25 Peg		11 Dec 14.147	- 35.6	5.1		22:06.6 +17 55		44 Jul 28.271	- 44.5		108
W 13906						Ross 271		44 Aug 8.413	- 34.4		108
						W 13947		44 Sep 6.337	- 44.5		108
22:03.2 +52 39		13 Sep 20.371	- 32.9	0.6							
HD 210144		13 Oct 14.251	- 37.0	0.7		22:07.1 +15 33		20 Sep 4.312	+ 9.7	2.8	36
W 13900		13 Nov 10.220	- 36.5	1.0		HD 210702		20 Oct 2.355	+ 14.7	2.0	36
						W 13954		20 Oct 3.306	+ 9.8	0.2	36
22:03.8 +58 21		15 Nov 24.155	- 7.8	2.4							
HD 210220		16 Oct 15.215	- 17.1	2.1		22:07.1 -14 42		30 Aug 21.347	+ 15.0	3.3	36
W 13905		16 Nov 9.206	- 7.7	2.3		HD 210705		46 Oct 12.212	+ 11.5		36
						39 Aqr		47 Nov 1.164	+ 17.7		36
22:04.1 -08 40		45 Sep 7.309	- 47.7		36	W 13956					
HD 210269		47 Oct 31.162	- 46.3		80						
W 13919		48 Sep 22.231	- 44.5		80	22:07.4 +57 42		31 Aug 5.349	- 12.1		27
						HD 210745					
22:04.2 -05 07		44 Aug 27.251	- 10.2		108	21 τ Cep					
BD-5° 5715		44 Sep 26.248	- 13.1		108	W 13949					
W 13921											
22:04.2 -08 02		23 Jul 24.439	+ 17.7	1.1	80						
HD 210277		24 Jul 17.455	- 26.9		36						
W 13920		24 Aug 13.406	- 25.2	1.1	36						
		24 Oct 15.283	- 24.5	1.6	36						

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\frac{\text{\AA}}{\text{mm}}$ }	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\frac{\text{\AA}}{\text{mm}}$ }
22:07.5 -05 13 HD 210763 W 13965		28 Jul 23.411 30 Aug 11.388 34 Aug 29.306 35 Oct 16.227 46 Jul 12.448 46 Oct 15.204	- 18.1 + 6.4 + 6.8 + 40.2 - 0.5 - 20.4	+7.9 -1.6 3.0	36 36 38 36 36 36	22:09.2 +12 12 RU Peg		38 Sep 5.385 40 Oct 10.309 41 Jul 4.441 41 Sep 11.351 41 Oct 1.302 42 Sep 2.349	- 5.3 - 77.1 - 11.3 - 62.3 + 68.8 - 58.8		124 70 110 110 110 110
22:07.7 +31 05 BD+30° 4633 W 13961		44 Aug 6.408 44 Sep 24.282	+ 18.1 + 14.2		108 108	22:09.2 +12 12 North comp. to RU Peg		41 Jul 4.482	+ 0.4		110
22:07.9 +71 51 HD 210807 24 Cep W 13945		17 Oct 6.235 18 Sep 18.413 20 Jul 4.459	- 10.8 - 14.8 - 3.1	0.9 1.3 1.5	 70 36	22:09.3 +62 48 HD 211029 W 13973		35 Sep 14.361 42 Aug 25.360 43 Jul 9.480	- 14.0 - 11.2 - 16.3		38 36 80
22:08.1 -12 25 HD 210845 W 13972		35 Sep 9.299 38 Aug 9.406 45 Oct 23.166 47 Oct 27.186	- 6.1 - 18.4 - 0.2 - 10.4	 1.4 2.1	38 38 80 80	22:09.3 -16 19 HD 211038 W 13987		42 Sep 3.336 44 Sep 9.325 44 Sep 23.312	+ 9.9 + 15.7 + 11.7		36 36 36
22:08.2 +56 21 HD 210855 W 13962		19 Jul 15.499 19 Jul 18.411 19 Sep 7.430	- 25.8 - 21.4 - 19.1		36 36 36	22:09.6 +16 41 HD 211076 ADS 15763A W 13986		22 Aug 30.318 22 Oct 4.313 22 Dec 4.167 23 Aug 20.369 23 Sep 27.247 24 Aug 21.422 24 Aug 22.396	- 29.8 - 37.2 - 32.3 - 44.6 - 34.8 - 33.7 - 32.0	+1.2 -0.9 2.4 1.8	36 36 5 36 36 36 36
22:08.3 +17 57 VV Peg W 13971		48 Aug 24.432	+ 33.5		108	22:10.0 -06 05 HD 211140 W 13991		46 Sep 20.273 47 Aug 26.319 47 Oct 28.208 48 Nov 19.130	- 0.2 + 7.1 - 5.3 - 2.2		80 80 80 80
22:08.4 +69 38 HD 210884 ADS 15719A W 13955		19 Sep 11.411 19 Sep 12.398 19 Oct 11.225 19 Nov 11.158	+ 4.0 - 2.2 + 2.6 + 2.2	 1.8 3.0	36 36 36 36	22:10.4 +62 02 SY Cep		42 Oct 16.283	- 18.9		108
22:08.4 +59 13 HD 210885 ADS 15729A W 13963		46 Aug 8.431 48 Jun 27.448 49 Sep 6.282 49 Oct 13.198	- 6.0 - 5.5 + 4.2 - 8.2		80 80 80 80	22:10.4 +06 19 DH Peg W 13994		38 Jul 7.479 38 Sep 6.254 See also ApJ 126, 291, 1957	- 86.3 - 79.9		81 81
22:08.4 +59 13 ADS 15729B W 13964		46 Aug 8.378 49 Sep 6.312 49 Oct 13.224	- 4.6 + 8.0 + 0.6	1.1 2.2	80 80 80	22:10.6 -14 56 HD 211234 W 13997		37 Nov 19.112 41 Oct 31.168 42 Aug 23.330 45 Sep 24.261	- 24.3 - 28.9 - 21.0 - 3.9	4.0 2.8	80 36 36 36
22:08.4 +34 07 HD 210889 W 13970		18 Nov 21.151 18 Nov 22.189 19 Sep 8.341	- 4.7 - 5.2 - 5.3		36 36 36	22:10.7 +62 40 HD 211242 W 13989		11 Aug 11.422 11 Oct 14.233 13 Sep 11.487	- 15.2 + 25.6 - 2.8	4.5 4.4 8.4	
22:08.5 -41 51 HD 210918 W 13982		21 Jul 19.441 22 Jun 3.486 22 Sep 29.262	- 24.3 - 15.5 - 16.8	 3.2	37 37 37	22:11.0 +14 56 HD 211286 W 13998		37 Aug 2.393 39 Aug 2.441 42 Jul 24.453 48 Nov 16.120	- 2.1 + 2.1 + 15.1 + 3.7	2.1	38 36 36 80
22:08.6 +25 26 HD 210925 W 13975		42 Jun 27.469 45 Aug 20.347 45 Oct 14.224	- 69.2 - 67.5 - 68.5		36 36 36	22:11.0 -26 24 HD 211291		35 Jul 11.471	+ 27.7		38
22:08.7 +60 16 HD 210939 W 13968		33 Oct 30.236 48 Sep 21.314	- 0.7 - 3.4		36 36	22:11.1 +72 49 HD 211300 ADS 15764A W 13988		21 Sep 23.329 21 Oct 20.243 21 Nov 11.169	+ 1.1 + 4.3 - 0.9		36 36 36
22:09.1 +69 53 HD 211003 W 13966		47 Oct 31.237 48 Sep 24.294 48 Oct 21.183 49 Aug 12.320	+ 1.5 - 13.0 - 6.6 - 4.0	15.5	80 80 80 80	22:11.3 +15 31 HD 211341 W 14003		26 Aug 29.387 40 Oct 24.211 43 Oct 15.278 47 Aug 6.443	+ 3.6 + 11.4 + 7.8 + 2.7		36 36 36 80
22:09.1 +28 07 HD 211006 W 13979		20 Sep 5.299 20 Sep 23.281 20 Oct 25.251 20 Nov 30.211	- 18.6 - 14.8 - 22.0 - 18.4	0.6 0.7 1.3 1.3	36 80 36 36	22:11.4 +30 55 ADS 15791A W 14002		24 Aug 17.355 26 Jun 25.477 26 Aug 16.382	- 18.2 - 5.2 - 5.5	5.4	76 37 76
22:09.1 -09 13 20C 1348 W 13985		44 Jun 29.467 44 Jul 28.403 44 Aug 9.360 44 Sep 8.326	- 29.1 - 8.3 - 7.1 - 28.8		110 108 110 108	22:11.4 +30 55 ADS 15791B		24 Aug 17.455	- 32.2		76

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\frac{\text{\AA}}$ mm}	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\frac{\text{\AA}}$ mm}
22:11.4 -13 20		33 Sep 13.312	+ 18.9	+0.1	36	22:14.9 +62 18		23 Sep 28.249	+ 0.2	+1.1	36
HD 211361		46 Jul 13.441	+ 8.8		36	HD 211833		23 Sep 28.296	+ 0.4	2.5	36
42 Aqr		47 Aug 30.353	+ 7.5		36	25 Cep		23 Nov 21.221	+ 3.3		36
W 14007		49 Sep 5.288	+ 20.1		80	W 14033					
22:11.5 -15 10		41 Jul 3.479	+ 23.4		36	22:14.9 +15 40		40 Aug 23.340	+ 24.7		36
HD 211380		43 Oct 12.229	+ 14.4		36	HD 211837		41 Sep 29.281	+ 7.9		36
W 14013		43 Nov 19.117	+ 17.9		36	W 14041		42 Jun 21.469	+ 25.0		36
22:11.6 +37 15		18 Aug 25.287	- 6.2		70			43 Oct 14.252	- 5.1	1.4	36
HD 211388		18 Oct 18.320	- 9.1		80	22:15.0 +15 20		21 Oct 20.247	- 20.6	1.4	37
1 Lac		18 Oct 25.108	- 9.4	0.5	36	BD+15° 4622		22 Aug 13.293	- 21.6		37
W 14004						W 14042		23 Sep 29.218	- 21.1	2.8	37
22:11.6 -09 32		17 Jul 10.483	+ 11.6	0.6		22:15.1 +54 04		39 Oct 28.335	- 63.3		36
HD 211392		17 Sep 2.352	+ 13.9			HD 211868		40 Jul 27.392	- 54.9		36
W 14012		17 Oct 26.160	+ 13.4			W 14040		40 Aug 17.339	- 64.7		36
22:11.9 -05 54		14 Sep 5.327	+ 6.6					40 Aug 26.351	- 54.0		36
HD 211434		14 Sep 29.277	+ 7.5					40 Oct 13.267	- 65.4		36
44 Aqr		14 Oct 28.158	+ 7.3	1.5				40 Nov 8.143	- 60.1		36
W 14017		14 Nov 25.120	+ 5.0	0.7		22:15.5 +05 17		11 Jul 18.423	- 15.1	2.7	
22:12.1 -09 18		44 Aug 27.337	+ 64.0		110	HD 211924		12 Aug 29.423	- 18.6	1.8	
Wolf 1561A		44 Sep 24.250	+ 73.4		110	30 Peg		12 Sep 26.340	- 12.9	2.1	
W 14020		44 Nov 9.188	+ 56.4		110	ADS 15847A					
22:12.2 +12 33		10 Aug 14.424	- 10.3	7.5	50	W 14050					
HD 211476		10 Aug 27.376	- 44.9	8.7	50	22:16.1 +24 26		23 Aug 28.426	+ 2.4	4.1	76
W 14021		12 Aug 6.410	- 28.2	0.0		HD 212005		24 Jul 10.465	+ 4.4		37
		12 Oct 25.248	- 34.6	0.9		ADS 15851A		24 Sep 7.279	+ 0.5	1.4	76
		12 Nov 19.144	- 28.4	2.5		W 14052		24 Oct 16.213	- 4.4		76
22:12.8 +56 43		29 Jul 27.429	- 4.0	0.4	36			24 Nov 15.146	+ 5.5	3.1	76
HD 211554		29 Aug 23.367	- 12.0	2.0	36	22:16.1 -22 05		25 Jul 13.445	+ 48.7		36
W 14019		30 Sep 6.332	+ 17.0	0.5	80	HD 212010		25 Jul 13.474	+ 45.8	0.8	36
		34 Aug 27.281	- 4.7		36	47 Aqr		25 Sep 27.295	+ 49.4		36
		36 Aug 4.267	- 12.3		38	W 14057					
		36 Sep 6.332	- 12.1		38	22:16.2 -06 44		47 Aug 27.353	- 4.1		80
22:13.1 +02 14		See ApJ 96, 344, 1942				HD 212022		47 Oct 28.233	- 13.9		80
UW Peg						W 14056		49 Sep 5.302	- 4.7		80
W 14027								49 Oct 11.226	- 21.9	3.1	80
22:13.4 +13 06		See ApJ 96, 344, 1942				22:16.4 +26 26		43 Oct 22.211	+ 0.6		80
HD 211647						HD 212047		45 Aug 30.331	+ 1.3		36
TX Peg						W 14054		48 Sep 22.255	- 2.6		80
W 14029						22:16.6 -06 41		47 Aug 5.398	+ 10.8		80
22:13.6 -13 48		17 Sep 4.339	+ 32.2		70	HD 212081		48 Jul 29.418	+ 14.4		80
HD 211676		18 Sep 16.332	+ 32.6		36	W 14063		48 Aug 19.353	+ 8.9		80
45 Aqr		19 Jul 14.458	+ 26.7			22:17.8 +43 15		28 Oct 1.290	- 17.2		36
W 14031						HD 212247		42 Oct 30.154	- 29.1		36
22:14.1 +15 45		41 Oct 29.130	- 31.5		36	W 14067		43 Jul 18.460	- 24.1		36
HD 211733		42 Jul 23.437	- 32.9		36			48 Oct 21.206	- 22.0		80
W 14032		43 Oct 16.171	- 25.5		36	22:17.9 -25 16		29 Aug 24.339	- 8.6		36
22:14.1 +15 26		39 Sep 4.363	- 19.8		36	HD 212271		30 Jul 18.465	- 14.0	0.7	36
BD+15° 4618		41 Nov 7.163	- 22.7	0.2	36	49 Aqr		30 Oct 15.209	- 6.8	0.9	36
W 14034		42 Sep 2.315	- 15.4		36	W 14073					
		47 Aug 6.469	- 15.2		80	22:18.1 +08 58		42 Jun 29.451	- 10.5		36
22:14.4 +56 48		41 Nov 27.161	- 28.9		110	HD 212291		43 Oct 17.193	- 6.8		80
YZ Cep		42 Jul 21.479	- 17.0		110	W 14072		45 Jul 23.451	- 5.3		80
		42 Aug 31.418	- 6.6		108	22:18.3 -07 42		13 Oct 9.293	- 15.1	3.0	
22:14.6 +37 15		36 Sep 9.377	+ 9.2		38	HD 212320		13 Nov 9.169	- 15.4	2.2	
HD 211797		48 Aug 18.304	+ 6.1		36	W 14074		13 Dec 5.115	- 12.0	0.2	
ADS 15828A		48 Oct 19.284	+ 4.9		36	22:18.8 +66 12		24 Jul 11.454	- 4.3	1.1	36
W 14036						HD 212391		24 Aug 12.460	+ 1.8	0.1	36
22:14.6 +15 03		20 Jun 5.486	+ 1.9		37	ADS 15881A		24 Sep 10.308	- 10.7	0.6	36
HD 211800		21 Oct 20.136	- 0.2		37	W 14068		24 Oct 16.289	+ 0.2	1.5	36
W 14039		22 Nov 2.177	- 0.7	2.9	37			41 Sep 5.339	- 1.1		36

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D (mm)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D (mm)
22:18.8 +66 12		24 Jul 11.454	- 27.6	+2.5	36	22:21.8 +51 56		39 Aug 27.454	- 11.5		36
HD 212392		25 Aug 4.462	- 20.2	3.2	36	HD 212791		40 Jul 24.467	- 15.9		36
ADS 15881B		25 Aug 29.370	- 13.2	3.0	36	W 14099		40 Aug 17.472	- 12.5		36
W 14069		41 Sep 5.339	+ 28.9		36			40 Sep 20.344	- 12.8		36
								41 Jul 7.376	- 15.5		70
								41 Sep 14.208	- 10.0		36
22:18.8 +20 20		13 Oct 20.147	- 29.1	1.6							
HD 212395		13 Nov 16.160	- 24.9	1.2		22:21.9 +53 26		27 Aug 18.357	- 8.3	+4.6	36
33 Peg		14 Sep 10.284	- 17.4	2.7		HD 212810		48 Jul 26.405	- 17.9		36
ADS 15896A		14 Nov 25.182	- 24.1	3.9		W 14104		48 Jul 28.358	- 19.8		36
W 14076		16 Dec 8.133	- 26.6	1.3	15						
		17 Sep 28.367	- 21.9								
22:19.1 -14 02		26 Oct 28.175	- 21.3	0.5	36	22:22.5 +53 36		15 Aug 22.417	- 24.0		
HD 212430		28 Jul 23.365	- 12.6	1.0	36	HD 212898		15 Sep 19.277	+ 21.3	6.5	
50 Aqr		28 Sep 6.292	- 26.1	0.7	36	ADS 15941A		15 Oct 27.128	+ 2.9	11.6	
W 14085		34 Aug 29.358	- 22.3		38	W 14109		20 Jul 26.377	+ 12.6		36
								20 Nov 26.253	- 19.0	6.0	36
								21 Jul 14.429	- 18.2		36
22:19.3 +55 27		42 Aug 31.472	- 56.2		36						
HD 212466						22:22.8 +04 12		14 Nov 6.135	+ 49.0	0.6	
RW Cep						HD 212943		16 Jul 15.485	+ 58.1	1.2	
						35 Peg		16 Nov 10.170	+ 52.0	0.5	
22:19.4 +30 46		44 Aug 1.434	- 0.8		36	W 14113		16 Dec 5.132	+ 55.8	1.7	
HD 212470		49 Aug 8.403	- 4.5		80			36 Aug 12.349	+ 42.2		38
W 14082		49 Aug 11.394	- 6.8		80						
						22:22.9 +74 20		15 Aug 25.361	- 6.8	2.8	
22:19.4 -01 41		29 Aug 18.356	- 32.7		36	HD 212955		21 Nov 14.229	- 2.3	1.6	36
HD 212474		29 Nov 17.151	- 19.0	2.3	36	W 14097		49 Aug 12.402	- 0.7		80
W 14088		30 Sep 11.348	- 32.8	0.1	36						
		31 Sep 28.344	- 38.2	0.3	36	22:23.1 +69 23		15 Aug 23.392	- 1.1	3.5	
		32 Oct 17.254	- 32.1	0.8	36	HD 212976		15 Dec 23.127	- 14.5	3.3	
		32 Nov 13.207	- 47.7	0.8	36	W 14108		16 Aug 17.415	+ 9.4	0.5	
		33 Aug 30.378	- 28.4	1.1	36			20 Aug 31.364	+ 21.2	1.2	36
								22 Aug 8.393	- 8.3		36
22:19.6 +15 48		39 Oct 6.330	- 32.0		36						
HD 212500		40 Jul 24.417	- 37.0		36	22:23.4 +23 01		21 Sep 11.342	- 21.2	2.1	37
W 14087		40 Aug 17.402	- 46.2		36	HD 213013		21 Oct 9.262	- 16.2	2.3	37
		40 Aug 26.431	- 34.9		36	ADS 15966A		22 Oct 6.267	- 20.2	3.9	37
		40 Oct 13.323	- 38.7		36	W 14118					
		41 Jan 6.156	- 41.4		36						
22:20.0 +22 04		44 Aug 8.450	+ 4.6		108	22:23.4 +23 01		21 Sep 11.434	- 25.3	0.9	37
ADS 15915A		44 Oct 22.214	- 5.7		108	ADS 15966B		21 Oct 9.338	- 15.1	1.8	37
W 14089						W 14119		22 Oct 7.280	- 25.8		37
22:20.7 -24 11		14 Jul 12.452	- 19.2	0.8		22:23.4 +16 46		15 Jul 24.455	- 38.9	2.4	
HD 212643		48 Sep 20.281	- 10.3		36	HD 213014		15 Aug 18.445	- 41.6	1.9	
W 14096		49 Sep 8.241	- 8.4		80	ADS 15967A		15 Nov 20.204	- 39.0	1.1	80
		49 Oct 11.240	- 23.2		80	W 14117		35 Jul 16.449	- 43.1	1.7	38
								35 Aug 14.374	- 33.2	0.4	70
								35 Aug 16.358	- 37.2	0.9	70
22:21.1 -17 15		19 Oct 12.248	- 8.1		36			37 Nov 23.149	- 43.8	0.9	38
HD 212698		19 Nov 12.132	- 5.4		36			39 Jul 5.460	- 36.6	0.1	36
53 Aqr		20 Jul 2.473	- 3.4		36			46 Sep 7.387	- 39.4		10
ADS 15934A		21 Aug 18.321	- 8.2	1.3	36						
W 14103						22:23.5 +74 19		20 Nov 25.199	- 24.0	1.0	80
						HD 213021		47 Sep 29.335	- 20.8	5.9	80
22:21.1 -17 15		20 Aug 1.418	- 4.9		36	W 14107		49 Aug 12.426	- 24.5		80
HD 212697		21 Aug 18.346	- 7.9		36						
53 Aqr		21 Sep 12.335	+ 0.4	1.1	36	22:23.5 +70 16		29 Oct 17.202	- 8.8	0.8	36
ADS 15934B		21 Oct 12.233	- 7.0		36	HD 213022		30 Nov 12.125	- 24.6	1.4	36
W 14102						W 14111		31 Jul 5.492	- 10.8	1.9	36
								33 Sep 30.292	- 20.9		36
22:21.5 +03 53		12 Aug 27.308	- 17.3	0.9							
HD 212754		13 Jul 19.441	- 23.3	1.1		22:23.6 -30 30		25 Jul 11.485	+ 8.7	8.3	76
34 Peg		13 Aug 22.425	- 17.8	0.5		HD 213042		28 Oct 10.153	+ 2.4	4.9	76
ADS 15935A		17 Sep 4.368	- 13.0	0.9		W 14127		30 Sep 9.312	+ 7.2		76
W 14105		17 Oct 7.272	- 21.1								
						22:23.7 +05 20		45 Aug 16.354	-138.8		110
22:21.7 +85 43		33 Sep 29.335	- 11.7		36	20C 1363		45 Aug 30.345	-175.9		110
HD 212774		34 Aug 2.403	- 6.5		36	W 14122					
W 14048		46 Aug 10.258	- 9.6		80						
22:21.8 +53 19		27 Aug 18.438	- 29.5		36						
HD 212790		27 Oct 18.203	- 37.5		36						
W 14101		28 Aug 28.409	- 34.6	3.3	36						

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)
22:23.9 +64 37 HD 213087 26 Cep W 14114		13 Sep 14.344 13 Oct 18.249 13 Nov 15.159 14 Jul 11.429 16 Sep 11.347 17 Sep 6.453	- 24.0 - 13.3 - 15.1 - 4.5 - 14.9 - 13.9	+1.2 1.9 4.9 2.9 0.2	15	22:25.4 -11 11 HD 213320 57 σ Aqr W 14146		11 Aug 14.368 11 Aug 15.365 11 Aug 18.365 12 Aug 3.501 12 Aug 31.469 12 Sep 25.277	+ 3.8 + 2.0 - 3.1 + 7.7 + 10.2 + 6.8	+3.3 1.4 1.3 7.3 1.9 1.1	
22:24.1 +08 38 HD 213119 36 Peg W 14128		24 Sep 15.322 24 Oct 19.138 24 Dec 4.142 32 Jun 25.490	- 32.2 - 34.4 - 33.3 - 27.5	0.6 0.9	36 80 36 36	22:26.1 +42 36 HD 213420 6 Lac W 14148		11 Aug 15.391 11 Sep 9.380 11 Sep 16.329 11 Oct 7.308 13 Jul 17.462	- 12.3 - 4.6 + 0.5 - 4.9 - 19.9	4.1 0.0 7.1 2.1 1.2	
22:24.4 +57 12 HD 239960 ADS 15972A W 14123		13 Sep 16.290 15 Oct 17.180 16 Aug 11.422 16 Aug 15.383	- 11.3 - 25.5 - 31.2 - 24.2	0.8 2.1	80	22:26.4 -11 25 HD 213464 58 Aqr W 14153		34 Nov 29.134 42 Aug 27.351 45 Jul 19.442 46 Oct 12.250	+ 1.2 + 15.8 - 6.5 + 4.8	36 0.5 1.6 36	36 36 36 36
22:24.4 +57 12 ADS 15972B W 14124		41 Aug 1.486 43 Aug 22.432 43 Nov 10.264 44 Jul 1.484 44 Jul 7.415	+ 3.1 - 26.7 - 31.4 - 24.0 - 25.7		110 110 108 110 108	22:27.2 +75 43 HD 213556 W 14145		15 Jul 31.450 15 Aug 29.361 15 Sep 20.234	- 13.8 - 14.0 - 10.8	0.8 4.0 4.8	
22:24.5 +26 16 HD 213179 W 14132		26 Sep 29.267 28 Jun 29.477 28 Jul 24.412 28 Sep 1.350 30 Aug 12.411 30 Aug 15.447	- 44.8 - 34.1 - 51.8 - 48.9 - 45.1 - 43.3	2.1 1.6 0.7	36 36 36 36 36 36	22:27.6 +49 12 20C 1368 W 14160		34 Nov 12.211 40 Oct 12.315 43 Jul 14.323	+ 26.8 + 28.7 + 29.4		80 80 108
22:24.6 -13 25 HD 213198 W 14139		19 Nov 13.182 21 Nov 10.170 21 Dec 12.110	- 11.5 - 12.6 - 8.3	1.1	36 36 36	22:28.8 -10 07 HD 213780 W 14174		33 Sep 1.376 45 Sep 3.340 47 Oct 28.256 48 Oct 22.198	+ 11.4 + 8.1 - 0.2 + 1.1	1.8 36 1.6 80	36 36 80 80
22:24.9 +03 56 HD 213235 37 Peg ADS 15988AB W 14141		18 Oct 26.166 18 Nov 17.159 19 Aug 10.442 20 Oct 27.106	+ 5.9 - 2.4 - 3.8 + 4.2	0.9 1.3 0.7	36 36 36 36	22:28.9 +53 17 BD+53° 2911 W 14169		21 Aug 20.483 24 Aug 9.462 24 Sep 6.372	+ 5.1 - 10.2 + 1.0	3.2 4.5 1.9	81 76 76
22:24.9 +03 56 HD 213235 37 Peg ADS 15988AB W 14141		18 Oct 26.166 18 Nov 17.159 19 Aug 10.442 20 Oct 27.106	+ 5.9 - 2.4 - 3.8 + 4.2	0.9 1.3 0.7	36 36 36 36	22:28.9 -02 05 HD 213789 60 Aqr W 14173		33 Sep 1.312 45 Jul 21.445 46 Jul 12.482	- 6.4 - 9.7 - 6.3		36 36 36
22:25.2 +57 42 AK Cep W 14135		See ApJ 86, 363, 1937				22:29.0 +78 19 HD 213798 29 ρ Cep W 14156		23 Jul 28.489 23 Jul 28.498 24 Oct 20.298	+ 14.3 + 2.8 + 23.8	4.1 4.4 5.2	36 36 36
22:25.3 -26 35 HD 213296 ζ PsA		29 Nov 18.138	- 25.9		36	22:29.1 +53 12 BD+52° 3240		21 Aug 20.391	- 0.6		81
22:25.4 +57 54 HD 213306 δ Cep ADS 15987A W 14138		15 Dec 24.128 15 Dec 25.088 17 Nov 5.197 17 Dec 6.114 17 Dec 28.052 29 Jul 19.459 29 Jul 20.491 29 Jul 21.473 30 Dec 28.131	+ 3.4 - 35.6 - 23.9 - 9.5 + 12.4 - 21.8 - 17.4 - 5.8 - 19.5	0.4 0.3	36 36 36 36 36 36 36 36 76	22:29.2 -21 13 HD 213845 59 ν Aqr W 14181		23 Oct 25.175	- 11.2	0.2	36
22:25.4 +57 53 HD 213307 ADS 15987C W 14136		12 Nov 20.194 12 Dec 18.127 12 Dec 31.083	- 25.9 - 29.5 - 21.3	5.0 2.8 3.5		22:29.5 +00 06 HD 213893 W 14183		25 Sep 30.327 26 Aug 1.337 26 Aug 19.415 26 Oct 17.295	- 96.0 - 89.3 - 85.0 - 81.1	0.9	36 36 36 36
22:25.4 +57 53 HD 213307 ADS 15987C W 14136		12 Nov 20.194 12 Dec 18.127 12 Dec 31.083	- 25.9 - 29.5 - 21.3	5.0 2.8 3.5		22:29.8 +56 07 HD 213930 W 14178		30 Nov 11.189 32 Sep 15.315 33 Jul 7.482 33 Sep 30.339 34 May 27.474	- 0.2 - 14.1 - 19.3 - 8.0 - 7.3	0.3	36 36 36 36 36
22:25.4 +47 11 HD 213310 5 Lac W 14142		18 Aug 25.420 18 Nov 21.201 18 Nov 22.219 38 Jan 14.125 38 Oct 11.307 41 Aug 11.411 43 Aug 31.461 43 Oct 12.244 43 Nov 10.187 43 Nov 12.128 43 Dec 16.124	- 6.6 - 13.4 - 11.8 + 7.7 + 11.7 + 3.4 0.0 + 0.4 - 1.5 - 0.2 - 1.5	0.3 2.0 0.6 2.1	70 36 36 36 36 36 10 10 10 10 10	22:30.1 +69 24 HD 213973 ADS 16057AB W 14176		42 Jul 4.481 47 Oct 4.281 47 Nov 1.192	+ 1.8 + 2.1 - 1.0		36 36 36
						22:30.1 -24 31 HD 213986 W 14187		14 Jul 5.445 16 Jul 17.456 16 Aug 16.385 16 Nov 13.155	+ 5.5 - 8.9 - 1.8 - 4.9	1.1 2.0 1.6 0.8	36 36 36 36

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	$\frac{D}{A}$ {mm}	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	$\frac{D}{A}$ {mm}
22:30.4 -17 59 HD 214028 W 14189		25 Oct 26.215 26 Aug 20.410 26 Aug 25.312	- 9.7 - 5.1 - 8.0	+1.1	36 36 36	22:33.6 +72 22 HD 214511 ADS 16111AB W 14211		35 Aug 19.374 45 Jul 31.421 48 Sep 24.322 49 Oct 10.244	- 14.4 - 16.4 + 7.2 - 24.8	+0.6 -0.4	38 36 80 80
22:30.6 +04 51 HD 214059 W 14188		18 Jul 26.453 18 Aug 19.367 20 Aug 27.444 20 Oct 22.301	- 3.8 - 5.4 - 13.8 - 6.0	2.0 2.4 1.5	80 80 37 37	22:33.6 +72 22 ADS 16111D W 14212		49 Oct 10.267 49 Oct 13.256 49 Nov 6.143	- 2.4 - 8.1 - 4.5		80 80 80
22:31.0 -01 20 BD-1° 4323 W 14193		44 Aug 10.437 44 Sep 28.137	+ 16.0 + 35.7		108 108	22:33.7 +10 03 BD+9° 5076 W 14222		37 Oct 14.344 38 Jul 11.470 38 Sep 3.396	- 48.7 - 93.9 - 66.6		80 108 81
22:31.1 +19 46 HD 214128 W 14192		26 Sep 28.294 28 Sep 6.341 28 Oct 3.292 32 Nov 14.239	- 28.0 - 44.6 - 30.2 - 27.0	2.0 0.0 1.5 1.2	36 36 36 36	22:33.8 +02 00 HD 214547 W 14225		23 Aug 26.377 24 Aug 9.384 24 Sep 7.331 25 Sep 29.384 28 Sep 30.230 30 Sep 10.326	+ 14.4 - 10.6 + 19.2 + 9.8 + 8.5 - 5.1	7.2 3.3 2.8 2.3	76 76 76 76 76 76
22:31.4 +60 18 HD 214165 W 14191		21 Aug 18.396 21 Sep 22.341 21 Oct 13.269 25 Jun 12.484 25 Jul 2.453 25 Jul 4.460 25 Aug 31.417	+ 1.9 + 1.2 - 2.8 + 4.3 + 2.2 + 9.0 + 1.6	0.2 3.8 5.2 3.1 1.1 4.3 2.0	36 36 36 36 36 36 37	22:34.0 +19 00 HD 214567 40 Peg W 14226		24 Jul 17.499 32 Sep 10.304 33 Oct 9.255 33 Oct 29.210	- 16.0 - 17.9 - 22.8 - 23.3	2.9 0.4	36 36 36 36
22:31.4 +60 16 BD+60° 2412 W 14190		25 Jun 13.472 25 Aug 7.426 25 Aug 14.378	+ 2.8 - 2.4 - 0.8	3.8 3.6 0.3	76 76 76	22:34.0 -10 33 HD 214572 W 14228		30 Aug 15.385 34 Oct 24.245 45 Sep 2.331	+ 15.0 + 11.6 + 7.5	0.6	36 36 36
22:31.4 +39 07 HD 214168 ADS 16095A W 14196		11 Aug 12.427 11 Aug 15.432 11 Oct 8.322	- 39.2 + 6.9 + 4.2	8.9 3.7 2.1		22:34.3 +68 41 HD 214605 W 14218		22 Sep 29.274 23 Jul 29.467 23 Aug 4.415	+ 9.2 + 15.6 + 9.8	1.5 2.1 1.3	36 36 36
22:31.6 +52 14 HD 214197 RZ Lac		26 Sep 17.338 26 Sep 19.271 27 Sep 8.220 29 Sep 11.265 29 Sep 12.396 29 Sep 14.408 29 Sep 16.407	- 58. e - 19. e - 43. e - 10. e - 26. e - 17. e + 4. e		37 36 37 37 37 81 37	22:34.3 +43 48 HD 214608 ADS 16138AB W 14227		21 Aug 18.453 21 Sep 19.300 21 Oct 13.339 21 Nov 7.262	- 23.9 - 22.3 - 16.7 - 17.8	3.1 2.6 1.7	36 36 36 36
22:32.5 +53 16 HD 214357 W 14206		40 Aug 18.356 40 Aug 19.435 40 Sep 20.401 40 Oct 13.387 41 Jul 16.387 41 Sep 13.361	- 2.7 - 5.3 - 6.2 - 7.5 - 2.6 - 10.9		36 36 36 36 36 36	22:34.3 -13 08 ADS 16145B W 14232		42 Aug 11.368 43 Nov 11.122 46 Sep 19.318	- 11.6 - 9.1 - 11.8		80 80 80
22:32.6 +57 54 HD 214369 W Cep		21 Nov 8.248 21 Nov 11.146	- 43.1 - 43.4	1.1	37 37	22:34.7 +56 17 HD 214665 ADS 16140A W 14229		24 Nov 4.203 24 Nov 17.120 25 Sep 1.439	+ 11.6 + 10.6 + 13.0	1.6	36 36 36
22:32.7 +01 01 CY Aqr W 14215		48 Aug 25.408	- 21.7		108	22:34.8 -09 53 HD 214686 W 14238		See ApJ 74, 201, 1931			
22:33.0 -15 52 LPM 837 W 14217		37 Nov 16.208 42 Jul 23.441 43 Aug 11.451 43 Sep 12.368 44 Aug 29.361	+ 1.0 - 60.5 - 71.6 - 58.5 - 52.7		108 110 110 110 110	22:34.8 -31 10 HD 214690 W 14239		34 Jul 26.485 34 Jul 27.482	+ 78.9 + 80.7		37 37
22:33.3 +73 07 HD 214470 31 Cep W 14207		17 Nov 1.160 18 Oct 25.122 18 Nov 21.182 19 Jan 23.108 19 Jul 18.436 19 Nov 7.251 20 Nov 20.260 23 Dec 21.184	+ 2.9 + 3.5 - 0.7 + 8.8 - 3.0 + 3.9 + 3.1 - 0.1	2.4 3.5 3.0 2.6 3.8 3.8 3.6 3.3	36 36 36 36 36 36 36 36	22:34.9 +19 10 HD 214698 41 Peg W 14237		14 Sep 3.347 15 Dec 16.125 16 Sep 9.365	- 5.8 - 14.9 - 16.1	2.9 2.3 1.7	
						22:35.0 +74 51 HD 214710 W 14224		42 Aug 28.353 47 Oct 4.309 47 Nov 1.222	- 7.3 - 3.8 - 6.1		36 36 36
						22:35.0 +37 04 HD 214714 ADS 16154A W 14236		36 Sep 9.331 45 Aug 31.348 46 Oct 11.266	- 7.9 - 6.8 - 8.3		38 36 36

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D {mm}	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D {mm}
22:35.1 +63 04		11 Sep 13.404	+ 41.1	+1.0		22:37.5 +55 55		See ApJ 86, 363, 1937			
HD 214734		11 Oct 6.267	- 6.4	0.5	15	HD 240024					
30 Cep		11 Oct 15.229	+ 15.5	2.9		RR Lac					
W 14231						W 14257					
22:35.7 +64 20		22 Nov 1.189	+ 31.6	2.2	80	22:37.6 -22 11		28 Oct 5.247	+ 6.3		36
RZ Cep		22 Dec 27.169	+ 20.7	4.6	80	HD 215081		45 Jul 24.439	+ 8.5		80
W 14235		23 Jul 21.436	- 4.7		80	W 14263		45 Oct 19.214	+ 8.2		80
		23 Nov 23.156	- 12.8		80			46 Sep 15.311	+ 6.9		80
		23 Nov 23.274	+ 42.5		80						
		24 Aug 17.352	- 17.2		36	22:37.7 -00 17		26 Jul 1.483	- 6.8	+2.0	36
		25 Sep 10.220	+ 12.4		80	HD 215093		28 Aug 12.418	- 19.0	4.9	36
		25 Sep 10.347	- 22.5		80	W 14261		31 Sep 24.286	- 21.9		36
		26 Sep 23.207	+ 18.2		80			34 Sep 1.336	- 17.0		36
		26 Sep 23.291	- 23.6		80						
		26 Sep 23.377	- 38.0		80	22:37.7 -10 37		29 Oct 18.260	+ 15.9		36
		26 Sep 24.160	- 5.4		80	HD 215097		45 Oct 21.212	+ 17.2		80
		26 Sep 24.248	+ 7.5		80	W 14264		45 Nov 15.128	+ 10.7		80
		26 Sep 24.368	- 34.9		80						
22:35.9 +14 01		14 Nov 2.148	- 10.8	2.7		22:37.8 -00 06		31 Aug 21.440	- 12.6		36
HD 214850		15 Aug 28.377	- 11.0	1.9		HD 215110		41 Oct 29.192	- 9.6		36
ADS 16173AB		15 Dec 19.128	- 9.4	2.8		W 14265		42 Jul 25.438	- 6.3		36
W 14243		20 Jul 4.432	- 11.0		36						
22:36.2 +53 20		35 Aug 12.383	- 9.2		36	22:37.9 +00 41		36 Nov 27.125	- 7.4		38
HD 214878		42 Sep 4.337	- 5.2		36	HD 215129		39 Oct 23.214	- 9.7		36
W 14241		45 Jun 22.478	- 4.4		36	W 14266		43 Nov 21.119	- 9.8		36
22:36.8 +54 29		40 Aug 18.453	- 8.5		36	22:38.2 +27 38		See ApJ 96, 344, 1942			
HD 214956		40 Oct 10.375	+ 3.4		36	HD 215162					
W 14245		40 Oct 11.319	+ 1.4		36	BD Peg					
		41 Aug 9.328	+ 18.3		36	W 14269					
		41 Sep 14.340	+ 84.0A		36						
			- 89. B		36	22:38.3 +29 42		41 Dec 5.148	- 5.4		10
		41 Sep 29.163	+114. A		36	HD 215182					
			-131. B			44 n Peg					
						ADS 16211A					
						W 14271					
22:36.8 -29 53		24 Oct 19.208	- 11.5		80	22:39.2 +80 52		26 Oct 20.314	+ 10.9		36
HD 214966		25 Aug 5.414	- 9.8		36	HD 215318		26 Nov 15.255	+ 9.6		36
W 14259		25 Aug 30.378	- 7.4		37	W 14253		27 Aug 8.476	+ 10.1		36
		25 Sep 28.295	- 4.6		37						
22:36.9 +56 18		See ApJ 86, 363, 1937				22:39.2 +45 30		22 Aug 30.417	- 30.8	3.4	36
HD 214975						HD 215324		22 Oct 1.320	- 36.5		36
Z Lac						ADS 16220A		22 Oct 5.241	- 32.4		36
W 14246						W 14281					
22:37.0 +39 43		11 Aug 17.458	+ 3.4	3.5		22:39.5 +39 57		19 Oct 8.225	- 20.4	1.7	37
HD 214993		11 Sep 9.409	+ 5.7	3.5		ADS 16228B		19 Nov 5.236	- 23.0		37
12 DD Lac		11 Sep 17.294	- 8.0	2.1		W 14283		20 Aug 1.470	- 25.6		37
W 14252		11 Oct 6.315	- 43.4	0.4	15						
22:37.0 +28 48		11 Sep 18.326	+ 7.2	1.8		22:39.5 +38 57		13 Sep 15.331	- 18.0	2.7	
HD 214994		11 Oct 6.292	+ 4.5	1.9	15	HD 215359		13 Oct 20.203	- 29.0	1.9	
43 o Peg		11 Oct 15.262	+ 1.5	2.4		ADS 16228A		13 Nov 8.277	- 30.0	1.2	
W 14256		12 Sep 23.332	+ 10.8	2.1		W 14282					
		13 Jul 17.481	+ 7.2	1.1							
22:37.0 +20 39		See ApJ 96, 344, 1942				22:39.6 +41 18		24 Sep 15.277	+ 12.4	0.8	36
BC Peg						HD 215373		24 Sep 15.296	+ 10.8	2.8	36
W 14255						13 Lac		24 Oct 16.320	+ 14.6	1.2	36
						ADS 16227A					
						W 14284					
22:37.0 +14 00		21 Oct 16.247	- 29.4	1.0	36	22:40.5 +64 03		42 Jul 27.456	- 47.0		36
HD 214995		22 Jul 13.434	- 26.5	0.4	36	HD 215500		42 Aug 3.398	- 48.8		36
W 14258		22 Jul 14.463	- 20.7	2.0	36	W 14287		45 Jul 22.485	- 35.1	2.0	80
		22 Aug 30.357	- 24.3		36			49 Oct 10.295	- 34.6		80
22:37.5 +65 59		42 Sep 29.303	- 43.2		80	22:40.5 +10 40		21 Sep 16.342	+ 2.1	3.2	37
HD 215065		42 Oct 30.218	- 48.9		36	ADS 16242AB		22 Sep 5.412	+ 8.3	0.8	37
W 14251		45 Aug 28.285	- 47.1		80	W 14296		23 Aug 27.426	+ 6.8	1.2	76
						22:40.6 +18 51		20 Jul 30.488	- 21.6	0.1	36
						HD 215510		20 Sep 4.418	- 23.6	0.4	36
						45 Peg		20 Sep 27.262	- 16.0	2.8	36
						W 14297		20 Nov 21.148	- 24.9		36

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)
22:40.9 +29 55		10 Aug 16.433	+ 12.6		50	22:43.7 +24 13		44 Aug 29.288	+ 13.5		108
HD 215549		12 Aug 6.391	- 3.4	+4.6		AC+24° 44-11		44 Dec 6.203	+ 10.1		108
ADS 16248A		12 Sep 5.384	+ 6.3	5.3		W 14329					
W 14300		12 Sep 28.267	- 0.5	3.5							
		12 Sep 29.280	- 1.1	4.7		22:43.8 +49 03		44 Aug 30.349	- 50.8	+2.0	80
22:41.1 +18 43		23 Oct 19.257	- 22.2	0.5	36	HD 215953		48 Oct 21.232	- 63.8	0.5	80
HD 215578		23 Oct 24.222	- 18.0	0.8	37	W 14326		49 Oct 12.274	- 52.3		80
ADS 16254A		24 Oct 16.278	- 20.4		76			49 Nov 7.126	- 58.5		80
W 14303						22:44.3 +26 50		See ApJ 96, 344, 1942			
22:41.3 +44 51		44 Aug 26.334	- 21.5		108	HD 216026					
20C 1380		44 Nov 8.177	- 24.1		108	ST Peg					
W 14302						W 14331					
22:41.6 +11 40		13 Nov 18.190	- 10.8	3.2		22:44.6 +55 48		See ApJ 86, 363, 1937			
HD 215648		17 Aug 10.381	- 4.9			HD 240073					
46 ϵ Peg		17 Sep 4.420	- 8.7			V Lac					
W 14308						W 14330					
22:41.7 +44 01		36 Sep 8.290	- 7.3		38	22:45.0 +55 54		See ApJ 86, 363, 1937			
HD 215664		46 Dec 13.122	- 10.8		36	HD 216105					
W 14306		46 Dec 15.124	- 6.8		36	X Lac					
		49 Nov 5.165	- 9.6		36	W 14334					
22:41.7 +23 02		16 Oct 12.202	- 4.2			22:45.2 -07 38		44 Sep 7.342	- 10.1		108
HD 215665		17 Jul 8.486	- 2.1			HD 216133		44 Sep 28.203	- 5.9		108
47 λ Peg		19 Jan 22.098	- 0.9		36	W 14341					
W 14307		20 Nov 2.170	- 4.6		36						
22:41.9 -16 40		45 Oct 20.201	- 37.4	2.4	80	22:45.6 +68 02		23 Oct 22.245	+ 5.6	5.6	5
HD 215696		47 Oct 1.267	- 27.1		80	HD 216172		25 Oct 1.266	- 0.3	0.1	36
ADS 16265A		47 Oct 27.204	- 25.7	5.8	80	ADS 16291A		25 Oct 28.247	+ 2.6	0.9	36
W 14310		48 Oct 22.217	- 31.2		80	W 14336					
22:42.4 -14 35		12 Sep 2.373	+ 10.6	4.1		22:45.6 +68 02		23 Oct 22.195	+ 3.6	3.4	5
HD 215766		48 Oct 20.184	+ 12.2		36	ADS 16291B		25 Oct 1.242	+ 0.4	0.2	36
69 Aqr		49 Sep 5.311	+ 23.9		80	W 14337		25 Oct 28.304	- 1.0	0.2	36
ADS 16268A		49 Sep 8.250	+ 28.2	0.8	80	22:45.6 +55 22		29 Oct 17.247	- 36.8	0.3	36
W 14316		49 Nov 11.132	+ 1.6	1.9	80	HD 216174		30 Jul 17.487	- 35.3	0.0	36
22:42.5 +43 49		25 Jul 15.403	+ 1.5	3.2	76	W 14340		32 Aug 16.391	- 35.2	3.0	36
BD+43° 4305		25 Aug 29.397	- 0.3	1.5	76	22:45.8 +41 26		14 Oct 8.334	+ 27.6	25.6	
W 14312		25 Sep 1.381	+ 7.8	1.4	76	HD 216200		14 Oct 31.190	- 48.1	7.7	
		41 Aug 3.495	- 11.5		110	14 Lac		15 Jul 25.472	+ 8.1	4.9	
22:42.7 -04 45		21 Aug 19.425	- 18.4		36	W 14345		17 Sep 30.357	-100.2	3.1	
HD 215812		21 Aug 20.398	- 30.6	1.4	36			+ 91.2	3.7		
ADS 16270A		21 Sep 14.298	- 20.6		36	22:46.1 +65 40		17 Nov 3.232	- 17.3		
W 14318		21 Oct 12.287	- 17.8		36	HD 216228		31 Nov 24.243	- 21.6	1.7	38
		21 Dec 11.137	- 26.4	2.5	36	32 ι Cep					
22:42.7 -04 45		21 Aug 19.425	- 20.8		36	W 14343					
ADS 16270B		21 Aug 20.398	- 35.8	0.1	36	22:46.4 +13 27		17 Aug 5.368	- 2.1	2.1	80
W 14317		21 Sep 14.298	- 20.3		36	HD 216259		18 Aug 21.419	- 0.8	2.0	80
		21 Oct 12.287	- 20.5		36	W 14349		18 Sep 26.320	- 0.6	0.9	80
		21 Dec 11.137	- 27.8	3.8	36						
22:43.2 -11 05		45 Oct 16.199	- 7.0		36	22:46.5 +17 35		See ApJ 96, 344, 1942			
HD 215874		46 Jul 13.478	- 7.3		36	AF Peg					
70 Aqr		46 Oct 13.226	- 4.7		36	W 14348					
W 14324						22:47.2 +31 13		42 Oct 21.226	- 5.7		110
22:43.5 +57 57		30 Aug 20.356	+ 16.4	3.2	36	AC+31° 70565		42 Dec 29.184	+ 7.5		110
HD 215907		32 Aug 12.368	- 3.4	5.1	36	W 14355		43 Jul 14.438	+ 4.3		108
W 14320		32 Sep 13.244	+ 1.2	18.7	36			44 Sep 6.439	+ 6.5		108
		35 Oct 16.299	+ 2.9		36	22:47.4 +61 10		26 Dec 14.150	+ 3.8	2.8	36
		35 Oct 18.184	+ 14.9		38	HD 216380		28 Sep 26.333	+ 1.2	6.1	36
22:43.7 +36 52		36 Sep 9.247	- 23.7		38	ADS 16317A		30 Aug 15.483	- 1.0		36
HD 215943		45 Sep 1.342	- 26.7		36	W 14354					
W 14325		46 Nov 7.180	- 27.3		36						

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	$\frac{D}{\text{mm}}$	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	$\frac{D}{\text{mm}}$
22:47.4 +09 18 HD 216385 49 o Peg W 14362		13 Oct 20.117 + 1.4 13 Nov 17.194 + 6.6 14 Sep 10.299 + 10.8 22 Aug 7.416 + 1.6 22 Oct 29.161 + 14.6 23 Aug 20.413 + 8.7 29 Aug 18.327 + 16.8	+ 1.4 + 6.6 + 10.8 + 1.6 + 14.6 + 8.7 + 16.8	+1.5 -2.6 1.1 1.2 1.0 36		22:50.8 -32 06 HD 216803 W 14398		38 Sep 5.292 + 7.8 38 Oct 4.257 + 6.4 39 Oct 23.208 + 18.8 40 Oct 10.233 + 11.1 44 Dec 12.135 + 16.4	+ 7.8 + 6.4 + 18.8 + 11.1 + 16.4		37 37 37 70 70
22:47.9 -14 47 BD-15° 6290 W 14365		34 Aug 27.373 + 10.1 42 Nov 17.170 + 1.9 43 Oct 15.250 + 16.4	+ 10.1 + 1.9 + 16.4	 37 110	81	22:51.8 +16 02 HD 216899 W 14402		34 Aug 27.459 - 35.6 34 Oct 23.264 - 10.8 37 Jul 26.487 - 16.1 37 Aug 17.394 - 19.5 37 Nov 18.212 - 30.0 37 Nov 19.178 - 2.7	- 35.6 - 10.8 - 16.1 - 19.5 - 30.0 - 2.7		81 81 80 80 80 80
22:48.1 +15 15 BH Peg W 14364		48 Jul 20.402 -268.4 48 Aug 23.363 -305.2	-268.4 -305.2	108 108	108	22:52.0 +58 22 HD 216927		42 Aug 26.347 - 89.6	- 89.6		110
22:48.2 +31 12 BD+30° 4824 W 14358		28 Sep 30.320 + 12.1 28 Oct 9.254 - 1.2 42 Oct 22.292 + 1.4 42 Dec 30.115 + 3.9 43 Jan 15.132 + 8.7 43 Sep 14.319 - 5.2 44 Oct 23.183 + 0.5	+ 12.1 - 1.2 + 1.4 + 3.9 + 8.7 - 5.2 + 0.5	1.1 4.0 110 110 110 80 80	76 76 110 110 110 80 80	22:52.1 +49 12 HD 216946 W 14403		14 Sep 2.330 - 6.5 14 Sep 6.290 - 13.6 15 Jul 25.491 - 5.3 17 Oct 1.303 - 5.1 22 Jul 3.444 - 6.9	- 6.5 - 13.6 - 5.3 - 5.1 - 6.9	+0.6 1.9 1.3 36	
22:48.8 -12 43 HD 216567 W 14375		34 Jul 25.462 + 4.8 45 Oct 23.195 + 6.8 45 Nov 17.169 + 4.2	+ 4.8 + 6.8 + 4.2	36 80 80	36	22:52.1 -05 21 HD 216953 W 14406		17 Sep 4.480 - 13.4 18 Aug 23.433 - 4.2 19 Jul 12.410 - 5.2 19 Nov 11.200 - 8.7	- 13.4 - 4.2 - 5.2 - 8.7	0.6 1.1 36	70 36 36
22:48.9 -12 54 BO Aqr W 14376		48 Aug 28.442 - 84.1	- 84.1	110	110	22:52.4 +79 42 HD 216991 W 14393		21 Oct 20.321 - 10.8 21 Nov 8.314 - 10.8 22 Jul 7.416 - 13.6	- 10.8 - 10.8 - 13.6	4.0 2.5 2.0	36 36 36
22:49.1 +37 24 HD 216598 SW Lac W 14372		21 Jun 27.392 +196.6 21 Jul 18.454 - 84.0	+196.6 - 84.0	4.6 37	81	22:52.5 +20 14 HD 217014 51 Peg W 14411		19 Aug 17.419 - 33.6 19 Sep 14.399 - 35.0 19 Nov 10.190 - 30.1	- 33.6 - 35.0 - 30.1	1.3 0.7 36	36 36 36
22:49.3 -16 21 HD 216627 76 s Aqr W 14380		11 Aug 7.429 + 13.5 11 Aug 14.385 + 10.4 11 Aug 18.384 + 18.2 12 Sep 25.304 + 11.2 12 Dec 24.062 + 14.0 13 Jul 17.501 + 14.2	+ 13.5 + 10.4 + 18.2 + 11.2 + 14.0 + 14.2	0.5 1.0 1.5 0.8 2.4 3.7		22:52.9 +17 29 BI Peg W 14413		See ApJ 96, 344, 1942			
22:49.4 -07 44 HD 216637 78 Aqr W 14379		20 Jun 26.466 + 9.9 21 Jun 19.441 + 7.0 21 Jul 19.475 + 14.2	+ 9.9 + 7.0 + 14.2	36 2.4 0.4	36	22:53.5 +42 12 TV And W 14416		See ApJ 96, 344, 1942			
22:49.4 -16 48 HD 216640 77 Aqr W 14382		19 Nov 12.172 - 43.2 20 Jul 28.471 - 29.0 20 Aug 29.332 - 39.0 20 Sep 28.301 - 34.8 20 Nov 1.186 - 30.0	- 43.2 - 29.0 - 39.0 - 34.8 - 30.0	0.8 1.9 1.1 1.5 36	36	22:53.5 +08 50 HD 217166 ADS 16417AB W 14418		13 Oct 19.129 - 27.3 13 Nov 16.207 - 28.0 14 Sep 2.380 - 24.4 20 Aug 4.403 - 27.3	- 27.3 - 28.0 - 24.4 - 27.3	1.6 1.2 36	
22:49.6 +75 30 18C 2995 W 14371		37 Aug 18.409 + 44.5 37 Oct 24.287 + 35.3 46 Aug 10.340 + 38.1	+ 44.5 + 35.3 + 38.1	80 80 80	80	22:54.3 -13 36 HD 217251 W 14425		14 Jul 7.462 + 15.6 14 Sep 7.366 + 8.6 14 Sep 30.273 + 14.9	+ 15.6 + 8.6 + 14.9	2.7 1.3 36	
22:50.0 -05 31 HD 216718 ADS 16365AB W 14390		14 Jul 9.454 - 11.1 14 Aug 12.406 - 0.7 14 Sep 5.364 - 11.4 14 Nov 25.151 - 9.7	- 11.1 - 0.7 - 11.4 - 9.7	0.7 2.0 2.0 0.8		22:54.4 +00 26 HD 217264 2 Psc ADS 16431A W 14424		28 Nov 21.126 - 14.4 28 Nov 28.132 - 14.7 29 Jul 27.485 - 7.9	- 14.4 - 14.7 - 7.9	1.7 0.1 36	36 36 36
22:50.1 +84 15 HD 216720 W 14352		46 Aug 10.282 + 3.9 47 Oct 27.258 + 3.5 48 Oct 21.257 - 0.3	+ 3.9 + 3.5 - 0.3	80 80 80	80	22:54.7 +77 58 HD 217294 ADS 16407A W 14414		34 Aug 3.424 - 20.9 35 Aug 11.451 - 24.0 45 Aug 23.402 - 20.4	- 20.9 - 24.0 - 20.4		36 36 80
22:50.6 -08 21 HD 216777 W 14394		26 Oct 26.176 - 29.8 27 Oct 20.250 - 21.0 28 Jul 4.482 - 22.1 28 Jul 7.470 - 23.8	- 29.8 - 21.0 - 22.1 - 23.8	37 37 76 76		22:54.7 +77 58 ADS 16407B W 14415		43 Jul 17.467 - 29.1 45 Aug 23.364 - 21.1 48 Aug 19.315 - 25.0	- 29.1 - 21.1 - 25.0		36 80 80
						22:54.7 -25 42 HD 217303 W 14430		29 Aug 26.373 - 33.8 29 Nov 19.149 - 33.6 33 Aug 11.444 - 35.8	- 33.8 - 33.6 - 35.8		36 36 36

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\frac{\text{\AA}}{\text{mm}}$ }	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D { $\frac{\text{\AA}}{\text{mm}}$ }
22:55.0 -23 04		18 Sep 25.288	+ 12.6	+0.5	80	23:00.1 -08 18		43 Nov 20.147	- 25.9		36
HD 217357		19 Nov 13.170	+ 19.5		37	HD 218081		45 Jul 23.476	- 29.5		80
W 14431		20 Aug 30.391	+ 17.6		37	ADS 16497C		45 Oct 17.235	- 7.8	+0.6	80
		20 Nov 25.157	+ 23.0		37	W 14484		47 Aug 5.429	- 29.8		80
22:55.1 +68 29		16 Aug 12.390	- 30.6	1.2		23:00.6 +66 14		44 Aug 9.427	+ 15.6		108
BD+68° 1345		17 Oct 5.350	- 23.5			BD+65° 1846		44 Sep 25.288	+ 31.2		108
W 14427		17 Oct 29.212	- 22.4	2.8	80	W 14478		44 Nov 9.140	+ 16.7		108
22:55.5 -00 21		20 Sep 5.361	- 18.4	1.1	36	23:01.0 +30 11		28 Oct 7.267	- 1.8	0.1	37
HD 217428		20 Nov 2.250	- 14.8	0.4	36	HD 218199		37 Jul 27.447	- 7.4		80
3 Psc		20 Nov 23.182	- 14.9		36	W 14493		39 Oct 22.231	- 15.6	3.3	70
W 14434								49 Aug 8.445	- 9.0		80
22:55.7 +02 29		36 Sep 9.292	+ 19.4		38	23:01.1 +67 53		10 Aug 17.415	- 30.2		50
HD 217459		39 Nov 29.128	+ 15.5		36	HD 218209		12 Sep 29.337	- 21.2	3.9	
W 14435		45 Jul 20.477	+ 17.6		36	W 14491		12 Dec 20.093	- 21.6	2.3	
22:55.9 +56 24		14 Jul 8.473	- 59.6	0.8				13 Jan 20.100	- 19.4	1.4	
HD 217476		14 Sep 28.258	- 62.4	1.5				35 Jul 17.469	- 15.6	1.8	38
W 14433		14 Oct 27.298	- 56.8	1.6				35 Aug 14.454	- 21.4	1.5	38
22:56.2 -07 36		20 Sep 5.441	- 0.8	0.0	36			35 Sep 11.441	- 15.7	0.4	80
HD 217531		21 Jul 26.465	+ 1.6		36			37 Oct 25.306	- 15.6	0.0	38
81 Aqr		21 Aug 12.441	- 6.6		36			46 Dec 3.168	- 22.1		36
W 14440						23:01.8 +30 29		24 Sep 19.321	- 1.8	1.8	76
22:56.6 -04 23		13 Sep 19.275	- 50.1	1.2		HD 218300		24 Nov 17.145	- 1.0	2.8	76
HD 217580		13 Oct 17.279	- 48.8	2.4		W 14502		28 Jul 15.408	- 10.3		37
W 14443		14 Sep 10.339	- 51.2	0.7		23:01.8 +30 05		30 Aug 7.459	- 8.9		36
22:57.4 -07 07		24 Aug 14.430	- 11.5	1.6	36	HD 218301		30 Nov 12.205	+ 7.3		36
HD 217701		25 Aug 30.388	- 1.2	0.6	36	W 14503		31 Sep 23.342	- 9.4		36
82 Aqr		25 Sep 26.331	- 9.3	5.7	36			42 Nov 23.142	- 0.8		36
W 14453								42 Nov 24.139	- 3.3		36
22:57.8 +57 06		See ApJ 96, 344, 1942				23:02.1 +15 44		25 Aug 30.463	- 19.9	1.1	37
UY Cas						HD 218347		25 Oct 26.343	- 24.0	3.9	37
W 14451						W 14507		26 Jun 28.479	- 25.1		76
22:58.1 +59 04		41 Sep 30.344	- 31.4		110	23:02.2 +24 56		38 Nov 8.240	- 20.6		36
UV Cas		41 Dec 5.174	- 23.1		108	HD 218356		49 Nov 5.145	- 30.8		36
22:58.3 +56 34		26 Oct 20.210	- 38.3	0.9	76	56 Peg		50 Jul 28.442	- 22.9		36
HD 240170		30 Oct 6.274	- 37.3		124	W 14508		50 Oct 4.162	- 29.2		36
W 14457		47 Aug 29.355	- 40.6		80	23:02.9 +58 01		See ApJ 86, 363, 1937			
22:58.8 +30 32		14 Sep 11.395	- 75.2	7.1		SW Cas					
HD 217888		21 Aug 25.412	+ 25.6	3.8	36	W 14513					
W 14464		21 Sep 13.367	+ 49.8	5.2	36	23:03.0 +59 13		26 Jan 4.117	- 1.9		36
22:58.9 +27 32		14 Jul 8.458	+ 9.2			HD 218440		26 Jan 4.160	+ 2.3		36
HD 217906		14 Oct 6.319	+ 13.2	1.6		W 14515					
53 β Peg		14 Nov 2.212	+ 8.8	3.0		23:03.1 +45 51		26 Jul 30.467	- 4.2	0.7	36
ADS 16483A		29 Sep 24.398	+ 10.6		36	HD 218452		26 Aug 25.401	- 7.9		36
W 14468						4 And		26 Aug 28.400	- 4.9		36
22:59.4 -36 26		20 Jul 25.453	- 1.6	0.3	37	ADS 16526A					
HD 217987		20 Sep 2.366	+ 15.0	6.8	37	W 14519					
W 14482		20 Sep 22.335	+ 9.0	5.6	37	23:03.1 +29 54		27 Oct 21.252	- 22.7		37
		22 Sep 30.281	+ 12.0	8.3	37	HD 218454		31 Jul 27.459	- 17.6		36
22:59.7 +66 40		24 Nov 14.134	- 6.8	0.9	36	W 14520		43 Sep 20.283	- 19.3		80
HD 218029		26 Oct 28.202	- 2.0		36	23:03.2 +48 45		18 Jul 24.430	+ 3.2	1.1	36
W 14471		26 Oct 28.223	- 2.7		36	HD 218470		19 Oct 11.253	- 6.0	2.0	36
22:59.8 +30 45		25 Jul 12.482	- 14.5	0.7	36	5 And		19 Oct 13.257	- 1.0	0.7	36
HD 218043		26 Nov 22.150	- 5.0	0.0	36	W 14521					
W 14476		27 Aug 15.417	- 7.3	0.9	36	23:03.5 +29 41		37 Jul 27.482	+ 4.6		80
22:59.9 -08 14		35 Jul 10.455	- 12.5		38	BD+29° 4867		39 Nov 27.184	+ 8.8		70
HD 218060		42 Jul 31.428	- 8.4		36	W 14525		40 Aug 22.409	- 0.6		36
83 Aqr		43 Nov 20.112	- 4.8		36			41 Sep 7.420	+ 3.7		36
ADS 16497AB		46 Oct 12.278	- 6.6		36	23:03.6 +01 35		32 Sep 10.326	- 21.0	1.8	36
W 14479						HD 218527		33 Nov 1.186	- 15.9		36
						5 Psc		33 Dec 3.215	- 18.1		36
						W 14529					

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)
23:03.9 +30 20 BD+30° 4885 W 14531		37 Aug 21.388 40 Oct 23.261 42 Oct 21.281 47 Aug 26.358	- 2.1 + 8.4 + 0.3 - 2.1		80 36 36 80	23:07.0 +52 21 HD 218942 SS And W 14558		See ApJ 96, 344, 1942			
23:03.9 -02 47 HD 218566 W 14533		14 Oct 7.291 14 Oct 27.219 15 Jul 21.453 15 Oct 21.146	- 38.9 - 45.0 - 38.8 - 40.6	+1.2 3.4 0.9 2.1		23:08.4 +39 28 HD 219127 ADS 16599A W 14565		26 Sep 18.336 26 Sep 19.360 26 Sep 22.403	+ 1.5 - 5.0 + 2.3	+0.7	36 36 36
23:04.4 +00 12 BD-0° 4470 W 14539		34 Sep 28.339 34 Oct 21.284 43 Oct 22.265	-110.8 -110.6 -115.2	3.2 0.9	81 81 110	23:08.5 +56 37 HD 219134 W 14566		10 Aug 15.457 10 Aug 22.456 12 Aug 27.448 12 Sep 24.389 12 Oct 21.277 12 Nov 27.231	- 14.9 - 6.0 - 18.7 - 17.0 - 24.6 - 19.0		50 50 3.0 2.3 1.3 0.4
23:04.5 +08 08 HD 218634 57 Peg ADS 16550A W 14537		14 Jul 6.460 14 Aug 11.418 14 Oct 5.270 14 Dec 28.124	+ 9.5 + 17.2 + 11.2 + 15.4	0.8 0.7		23:08.5 +10 31 HD 219139 ADS 16603A W 14567		34 Jul 5.468 35 Jul 10.484 36 Sep 5.307 48 Oct 20.205	+ 21.0 + 11.3 + 21.4 + 11.0		36 38 38 36
23:04.7 +74 51 HD 218658 33 π Cep ADS 16538A W 14530		17 Aug 6.399 17 Dec 6.145	- 7.5 - 30.4			23:08.8 -09 28 HD 219175 ADS 16611A W 14570		16 Jul 19.470 16 Aug 7.459 16 Sep 15.321 16 Nov 16.124	- 33.1 - 31.1 - 38.4 - 29.7	5.1 2.4 3.0	
23:05.0 +09 17 HD 218700 58 Peg W 14543		11 Aug 7.456 11 Aug 13.454 11 Oct 9.308 11 Oct 10.326 11 Nov 5.272 12 Sep 2.419 12 Dec 24.091 12 Dec 25.120	+ 13.6 + 13.8 + 17.2 + 0.8 + 6.5 + 12.4 + 14.6 + 7.4	1.1 0.7 3.0 0.6 2.4 2.6 0.9		23:08.8 -09 28 ADS 16611B W 14571		16 Aug 13.447 16 Sep 16.366 16 Nov 16.190 16 Dec 9.136 17 Nov 28.133 18 Aug 19.432	- 30.8 - 36.4 + 1.4 - 34.8 - 20.4 - 20.4	3.5 3.8 1.0 4.3 2.5 3.8	80 80
23:05.3 +47 25 HD 218739 ADS 16557A W 14546		23 Aug 28.398 23 Sep 2.367 25 Aug 4.403 25 Sep 26.417	- 9.1 - 2.7 - 12.6 - 9.2	3.4 3.9	36 36 36 36	23:10.0 +40 15 HD 219346 TY And W 14578		See ApJ 96, 344, 1942			
23:05.4 +58 47 HD 218753 2 Cas ADS 16556 W 14545		14 Oct 9.293 14 Nov 6.189 14 Dec 26.131	- 15.8 - 11.2 - 6.8	0.1 4.5		23:10.1 -14 33 HD 219364 W 14580		42 Oct 20.235 44 Oct 9.268 46 Aug 11.408	+ 9.7 + 14.1 + 4.7		36 80 80
23:05.7 +17 03 HD 218792 W 14550		26 Aug 19.478 26 Sep 20.300 26 Sep 26.374	+ 3.1 - 2.4 + 4.7		36 36 36	23:10.7 -09 38 HD 219449 91 ψ Aqr ADS 16633A W 14585		14 Sep 2.356 14 Sep 6.276 14 Sep 29.296 15 Jul 27.486	- 24.2 - 29.8 - 31.0 - 32.0	0.0 0.7 1.0	
23:05.8 +43 00 HD 218804 6 And W 14549		11 Aug 9.439 11 Sep 13.461 12 Jan 9.151	- 43.3 - 45.1 - 44.5	1.1 1.3 3.0		23:10.7 -09 38 HD 219430 ADS 16633BC W 14584		20 Jul 29.440 22 Sep 14.455 22 Sep 29.363 24 Oct 12.277	- 25.4 - 20.2 - 34.5 - 19.1	0.0 0.4 3.1 0.2	37 37 37 76
23:06.2 +04 28 HD 218853 W 14553		46 Aug 7.464 48 Sep 23.320 49 Jul 7.476	- 7.1 - 5.2 - 4.8		80 80 80	23:10.9 +27 42 HD 219477 61 Peg W 14586		12 Aug 6.431 12 Aug 19.431 12 Aug 20.409 12 Sep 28.290	+ 4.8 + 1.0 + 4.6 + 2.9	1.1 1.9 4.3	
23:06.1 -21 32 HD 218851 W 14551		20 Nov 24.200 22 Sep 2.443	+ 34.6 + 30.2	0.9 1.5	37 37	23:11.4 -02 07 HD 219542 ADS 16642A W 14594		47 Oct 31.178 48 Sep 22.288 48 Nov 16.145	- 14.7 - 21.2 - 15.0		80 80 80
23:06.7 +08 11 HD 218918 59 Peg W 14557		11 Sep 7.366 11 Oct 11.273 11 Nov 5.214 12 Sep 19.388 12 Oct 27.225 12 Nov 24.115	- 11.9 + 4.1 + 1.2 + 7.8 + 7.4 + 5.7	1.2 5.0 1.9 6.5 3.8 3.8		23:11.7 -08 16 HD 219576 92 χ Aqr W 14595		24 Jun 20.478 24 Jul 20.486 24 Sep 15.349	- 17.6 - 21.2 - 12.3	1.4 0.5 1.7	36 36 36
23:06.9 +26 18 HD 218935 60 Peg W 14559		21 Aug 26.449 21 Sep 23.375 21 Oct 14.269	- 8.6 - 11.8 - 13.1	0.6	36 36 36	23:12.0 +02 44 HD 219615 6 γ Psc W 14600		16 Oct 11.299 17 Jul 9.471 17 Aug 7.419	- 12.8 - 15.7 - 16.3	1.3 1.3 0.7	

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)
23:12.0 -14 21 ADS 16644AB W 14598		09 Sep 30.267 09 Oct 24.216 09 Oct 26.161 14 Nov 26.177 15 Jul 23.445 15 Oct 19.280 16 Dec 14.110 41 Oct 10.269 42 Aug 23.393 42 Oct 22.225 46 Aug 11.447	- 14.9 - 11.2 - 7.4 + 12.1 + 1.0 - 0.2 + 8.7 + 17.5 + 7.3 + 12.3 + 5.2		50 50 50 36 36 36 36 36 36 80	23:14.2 -18 37 HD 219879 W 14626		36 Oct 6.257 42 Sep 3.388 45 Oct 16.253	+ 2.2 + 7.2 + 6.1		38 36 36
						23:14.5 +67 34 HD 219916 34 θ Cep ADS 16666A W 14624		17 Dec 6.157 18 Nov 16.184 18 Dec 25.168	- 21.9 - 18.5 - 20.9		36 36
23:12.1 +52 40 HD 219623 W 14597		15 Nov 24.212 17 Jan 6.115 17 Aug 10.509 17 Nov 26.184 20 Nov 3.241	- 25.7 - 27.3 - 18.7 - 27.1 - 26.4	0.9 1.9 0.9 1.1	36	23:14.8 +48 04 HD 219945 11 And W 14629		27 Nov 4.308 28 Sep 28.295 28 Sep 29.337	+ 8.3 + 13.2 + 12.9	+0.9	36 36 36
23:12.4 -02 03 HD 219657 ADS 16649AB W 14603		28 Oct 10.227 48 Nov 16.168 48 Nov 19.159	- 42.3 - 48.4 - 52.8		37 80 80	23:14.9 +28 20 HD 219953 W 14633		16 Aug 10.455 16 Nov 12.225 16 Dec 9.216	- 46.9 - 57.2 - 48.3	1.1 3.5 1.2	80 80
23:12.8 -14 20 HD 219702 W 14608		30 Aug 5.430 30 Oct 16.267 31 Sep 22.337 46 Oct 14.232	- 7.5 - 0.4 - 19.8 - 10.9	1.1 0.7 0.5	36 36 36 36	23:15.0 +47 51 HD 219962 W 14631		18 Sep 20.322 18 Dec 14.210 19 Jan 12.157	+ 25.4 + 20.6 + 24.4	1.4 1.1	70 36 36
23:13.1 +15 04 HD 219738 W 14613		37 Oct 20.269 38 Jul 29.477 40 Sep 15.372	- 56.1 - 51.7 - 50.5		38 63 36	23:15.1 +41 31 HD 219981 10 And W 14634		21 Oct 19.259 22 Aug 11.427 22 Aug 30.472	+ 1.4 + 3.1 + 7.3	0.0 2.6 3.9	36 36 36
23:13.4 +48 14 AC And W 14614		38 Jul 12.486	- 69.8		108	23:15.1 -04 28 HD 219983 W 14636		45 Jul 21.480 46 Oct 15.240 47 Oct 2.284	- 19.3 - 12.9 - 11.5		36 36 36
23:13.7 +46 43 HD 219813 ADS 16661A W 14615		46 Aug 13.488 50 Oct 5.141 50 Nov 28.116	- 13.8 - 15.0 - 19.8	2.2	80 80 80	23:15.3 +56 42 HD 220007 W 14635		44 Sep 2.340 45 Nov 24.118 49 Aug 9.462	- 3.4 + 2.9 + 5.7	1.5	80 80 80
23:13.7 +46 43 ADS 16661B W 14616		46 Aug 13.438 50 Oct 5.185 50 Nov 28.154	- 4.9 - 29.0 - 36.2	0.7 2.7	80 80 80	23:15.3 +04 50 HD 220009 7 Psc W 14639		24 Jul 9.494 24 Aug 12.493 24 Oct 19.273	+ 35.7 + 35.6 + 33.6	1.2	36 36 80
23:13.7 +41 13 HD 219815 9 AN And W 14617		14 Oct 31.214 15 Dec 16.205 23 Aug 19.437 25 Jul 31.491 32 Sep 13.265	- 85.4 + 9.4 + 50.1 + 57.3 + 35.4	3.6 7.6 2.7	36 36 36	23:15.8 +14 31 HD 220078 W 14646		23 Nov 29.123 28 Aug 6.397 48 Jul 26.453 48 Nov 17.152	- 18.9 - 16.9 - 12.0 - 16.7	0.3	36 36 36 80
23:13.8 +04 52 HD 219829 ADS 16665AB W 14620		14 Sep 1.389 15 Oct 20.343 15 Nov 23.174	- 10.5 - 13.7 - 17.1	10.2	36 36 36	23:15.9 +29 52 HD 220088 63 Peg W 14648		25 Aug 31.376 25 Sep 26.372 25 Oct 25.281 26 Aug 18.441 27 Nov 7.253 28 Sep 5.373	- 31.4 - 15.0 - 21.9 - 17.8 - 9.5 - 16.7	0.3 1.0 0.9 1.3 1.2 2.1	36 36 36 36 36 36
23:13.8 -14 00 ADS 16672B W 14622		20 Aug 3.490 20 Aug 6.467 20 Sep 22.360 20 Nov 26.147 21 Jul 19.484	+ 11.1 + 14.0 + 6.2 + 9.4 + 3.4	3.4 1.5 3.0	36 36 37 37	23:16.0 +59 44 HD 220102 W 14644		24 Oct 12.150 24 Oct 13.144 24 Dec 14.170	- 22.9 - 23.9 - 19.0		36 36 36
23:14.2 -05 40 HD 219877 96 Aqr ADS 16676A W 14627		19 Aug 4.430 19 Oct 11.288 19 Nov 6.219 19 Dec 7.120 20 Aug 2.448 20 Aug 29.280 20 Sep 22.309 20 Sep 27.303 20 Sep 28.332 20 Sep 29.275	- 28.2 - 23.4 + 31.5 - 12.3 - 32.4 + 22.6 + 1.0 - 9.9 - 18.3 - 24.7	3.4 4.2 1.4	36 36 36 36 36 36 36 36 36 36	23:16.1 +37 38 HD 220117 12 And W 14651		24 Nov 17.144 24 Nov 17.159 27 Sep 5.439	- 7.3 - 8.9 - 15.4		36 36 36
						23:16.1 -18 04 HD 220124 XY Aqr W 14653		28 Nov 26.155 32 Aug 25.363 40 Aug 15.451 41 Sep 13.403 45 Jul 29.486 45 Sep 27.280 46 Sep 14.312	+ 11.7 - 5.9 + 20.2 + 3.0 + 17.0 + 20.0 - 25.2		76 76 80 110 70 80 80
						23:16.3 +78 27 HD 220140 W 14641		35 Aug 9.466 42 Aug 1.461 42 Sep 4.393	- 20.2 - 13.4 - 13.6	1.1 0.0 0.6	38 36 36

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)
23:16.4 +60 39 BD+60° 2522 W 14652		20 Nov 20.177 20 Dec 2.188 21 Sep 15.344	- 30.4 - 43.2 - 33.4	+4.4 - 2.3	37 37 37	23:18.8 +31 58 HD 220460 W 14674		18 Dec 12.153 19 Jul 14.495 19 Nov 7.282 19 Dec 10.138 20 Nov 20.202 20 Dec 29.116	+ 11.4 + 9.0 + 9.0 + 10.3 + 10.1 + 7.7	+0.7 - 2.5	36 36 36 36 36 36
23:16.4 +34 54 HD 220149 ADS 16693A W 14654		21 Sep 12.390 21 Oct 16.166 22 Nov 6.214 25 Aug 7.508	+ 1.6 + 3.8 + 11.6 + 5.3	3.1 0.4 1.4	37 37 37 76	23:18.8 -22 19 HD 220466 ADS 16727A W 14676		33 Oct 8.242 36 Sep 5.369 45 Sep 5.347	+ 21.6 + 29.5 + 20.9		36 38 36
23:16.4 +34 54 ADS 16693B W 14655		21 Oct 16.316 24 Jul 18.473 24 Sep 12.339 25 Aug 7.471 25 Aug 29.496	- 31.6 - 45.1 - 27.9 - 32.8 - 42.9	1.1 2.2	37 76 76 76 76	23:19.2 +03 09 HD 220512 ADS 16730A W 14678		35 Aug 8.445 43 Sep 19.312 47 Aug 30.397	- 10.3 - 13.3 - 15.5		38 80 36
23:16.7 +43 32 HD 220182 W 14657		12 Sep 27.349 12 Nov 19.206 12 Dec 19.163	+ 1.9 + 4.2 + 0.1	1.5 2.5 1.4		23:19.2 +03 09 ADS 16730B W 14679		42 Sep 28.316 43 Aug 12.391 43 Sep 19.280 48 Nov 19.185	- 26.2 - 16.2 - 14.2 - 23.1		80 80 80 80
23:17.7 +20 16 HD 220318 65 Peg W 14664		16 Oct 12.234 16 Nov 7.288 16 Nov 15.222 16 Dec 10.135 17 Jan 8.126 17 Sep 7.405	+ 1.2 + 6.1 - 25.0 - 44.6 - 18.2 - 26.5	7.0 3.0 11.1		23:19.2 -17 52 HD 220515 RU Aqr W 14680		See ApJ 96, 344, 1942			
23:17.7 -20 39 HD 220321 98 Aqr W 14668		16 Oct 9.275 18 Sep 17.384 19 Aug 11.425	- 2.7 - 17.0 - 12.0	3.5 0.4 0.2	36 15 15	23:19.5 +57 19 BD+57° 2735 W 14685		44 Sep 28.268 48 Jul 19.410	- 4.8 - 14.2		108 108
23:17.8 +20 01 HD 220334 ADS 16713A W 14665		21 Aug 20.459 21 Sep 15.402 21 Sep 20.315 23 Aug 26.373	- 24.4 - 22.0 - 21.9 - 26.6	1.2 2.9	36 36 36 36	23:19.9 +31 50 HD 220599 67 Peg W 14687		14 Oct 9.323 16 Oct 12.252 19 Dec 10.107 21 Nov 15.108	+ 18.4 + 14.6 + 21.4 + 20.0	1.5	36 36 36 36
23:17.8 +20 01 ADS 16713B W 14666		24 Sep 11.424 49 Sep 7.375	- 21.4 - 21.9	4.1	76 80	23:20.3 +76 58 HD 220636-7 W 14682		22 Sep 29.382 23 Aug 27.398 23 Aug 31.413	- 21.2 - 26.0 - 18.8	6.1 6.9 2.2	36 36 36
23:17.8 -11 19 HD 220339 W 14669		33 Oct 2.323 43 Nov 10.201 43 Dec 16.125	+ 34.8 + 33.3 + 41.1		36 80 80	23:20.8 -21 12 HD 220704 99 Aqr W 14694		24 Jul 23.497 25 Jul 13.499 26 Jul 31.489	+ 10.8 + 15.1 + 15.9	0.3	36 36 36
23:18.0 +11 46 HD 220363 66 Peg ADS 16715AB W 14670		29 Oct 15.238 30 Aug 13.431 33 Jul 14.497	- 0.4 - 1.0 - 2.7	0.1	36 36 36	23:20.9 +69 25 18C 3069 W 14691		35 Nov 13.260 36 Nov 29.144	- 6.8 - 17.3	4.8	80 80
23:18.1 +59 35 HD 220369 W 14667		13 Sep 14.361 13 Oct 10.293 13 Nov 11.214	- 9.5 - 12.4 - 11.0	1.4 0.8 1.6		23:21.0 +52 27 HD 220719 W 14693		16 Jul 16.466 17 Aug 28.401 17 Oct 1.346	+ 6.0 + 4.3 + 2.4	1.8 1.9	36 36 36
23:18.1 +15 31 HD 220373 W 14671		38 Nov 13.172 39 Jul 8.479 41 Oct 1.283	+ 2.4 + 6.2 + 3.6		70 70 36	23:21.3 -22 18 HD 220766 ADS 16753A W 14701		28 Nov 2.226 30 Oct 7.278 33 Sep 12.327	+ 6.8 + 13.7 + 11.8	1.8 1.4 0.3	36 36 36
23:18.2 +75 15 HD 220382 W 14663		42 Aug 4.410 43 Jul 20.457 46 Aug 12.351	- 12.7 - 15.5 - 15.1		36 36 80	23:21.8 +60 32 HD 220819 W 14702		36 Oct 26.206 37 Nov 21.172 38 Oct 10.223	+ 3.6 + 2.9 - 3.9		38 38 36
23:18.5 +72 22 WZ Cep		48 Sep 14.327	-113.0		108	23:21.8 +44 47 HD 220821 W 14705		21 Sep 13.460 21 Sep 15.443 21 Oct 12.337	+ 0.9 - 3.8 - 2.1	5.0	36 36 36
23:18.6 -09 01 HD 220436 ADS 16725A W 14673		22 Aug 31.333 26 Oct 24.223 26 Oct 25.234	- 9.6 - 8.6 - 5.9	0.6	36 36 36	23:21.8 +00 42 HD 220825 8 κ Psc W 14706		18 Jul 23.493 21 Jul 26.508 21 Nov 10.192	- 0.4 - 7.2 - 7.8	3.0	36 36 36
						23:21.9 -01 49 BD-2° 5958 W 14711		44 Aug 27.347 44 Sep 26.289	+ 31.4 + 23.4		108 108

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)
23:22.1 +00 34 HD 220858 9 Psc W 14712		20 Aug 2.477 21 Jul 27.486 21 Aug 12.483	- 14.8 - 11.6 - 12.7	+2.4 0.7 0.8	36 36 36	23:26.3 +38 42 HD 221345 14 And W 14746		19 Aug 5.447 19 Nov 10.264 19 Dec 10.178	- 57.7 - 57.3 - 56.4	+2.7 3.0 1.9	36 36 36
23:22.2 -13 29 HD 220876 W 14714		44 Oct 7.240 48 Aug 19.390 49 Sep 8.278 50 Jun 29.466	- 20.7 - 23.4 - 9.6 - 19.4		80 80 80 80	23:26.4 +58 37 HD 221354 W 14747		13 Sep 18.324 13 Oct 11.242 13 Nov 10.286	- 25.4 - 22.2 - 26.0	0.7 0.7 1.8	
23:22.5 +43 19 HD 220910 W 14715		19 Oct 9.245 19 Oct 12.232 19 Nov 11.154	- 14.1 - 14.9 - 12.6		37 37 37	23:26.4 -04 38 HD 221356 W 14748		19 Aug 4.451 19 Sep 6.357 19 Oct 11.330 19 Nov 11.250	- 6.4 - 16.1 - 9.9 - 15.4	0.7 2.7	36 36 36 36
23:22.9 +32 26 HD 220951 W 14719		15 Oct 18.343 50 Jul 28.410 50 Oct 4.198 50 Nov 2.165	- 8.6 - 8.2 - 0.7 - 21.7	0.1	36 36 36 80	23:26.4 -21 56 HD 221357 100 Aqr W 14750		23 Sep 24.318 23 Oct 2.262 23 Oct 25.203 48 Sep 20.311 49 Sep 8.307	+ 23.0 - 2.0 - 25.3 - 19.6 - 17.1	3.4 8.1 15.3 	36 36 36 36 80
23:23.3 +59 08 HD 220999 W 14721		39 Aug 28.392 40 Nov 21.160 42 Oct 19.258 48 Jul 28.405	- 19.5 - 36.7 - 23.7 - 25.0	4.8	36 36 36 36	23:26.7 +19 24 BD+19° 5116A W 14752		41 Oct 29.288 42 Nov 15.203 43 Jan 15.229 43 Dec 15.149 44 Jan 8.344	+ 29.7 + 31.2 - 5.2e + 3.5 + 1.8		110 108 110 108 108
23:23.4 +15 32 BD+15° 4829 W 14722		44 Aug 7.445 44 Aug 25.297	- 47.5 - 36.9		108 108	23:26.7 +19 24 BD+19° 5116B W 14753		41 Oct 29.344 41 Nov 28.243 44 Jan 17.139 44 Sep 22.372 44 Dec 9.214 44 Dec 10.167	- 16.2 - 15.6 - 15.4 + 15.0 - 3.6e + 0.9		110 110 108 108 110 110
23:24.4 -01 35 HD 221146 W 14730		27 Sep 11.389 27 Dec 9.145 28 Jul 30.469	- 15.3 - 16.8 - 11.8	0.7 0.8	36 36 36	23:26.8 -01 39 HD 221409 13 Psc W 14756		29 Aug 24.418 31 Jul 26.472 31 Jul 29.440	- 19.8 - 22.5 - 22.2	3.1 1.5 1.1	36 36 36
23:24.4 -02 21 HD 221147 W 14729		28 Aug 1.472 28 Oct 2.304 45 Sep 19.303 46 Oct 15.284	+ 22.6 + 11.4 + 8.4 + 6.5	0.4 2.1	36 36 36 36	23:27.1 +59 59 HD 221438 W 14755		21 Sep 21.310 21 Oct 18.223 21 Oct 19.139	- 8.6 - 6.5 - 1.8	5.1 5.7	37 37 37
23:24.4 -05 05 HD 221148 W 14731		18 Jul 21.470 18 Aug 25.454 18 Dec 23.144 19 Jul 11.439 19 Nov 12.217	- 28.3 - 30.9 - 17.1 - 20.1 - 23.8	0.1 0.4 2.9 1.2	36 70 36 36 36	23:27.1 +06 33 HD 221445 ADS 16819AB W 14757		34 Sep 3.367 35 Jul 19.482 42 Nov 29.127	- 15.8 - 11.4 - 10.9		36 38 36
23:24.9 +12 59 TY Peg		30 Jul 7.476 30 Oct 8.236 30 Nov 3.227 30 Dec 1.177 32 Sep 22.307 32 Nov 8.264	- 34.2 - 12.5 - 40.6 - 33.2 - 57.7 - 58.8		76 76 76 76 124 76	23:27.6 -17 23 HD 221503 W 14764		45 Nov 14.146 46 Sep 20.333 47 Aug 11.416	- 0.9 + 5.9 - 6.9	0.8 3.0	80 80 80
23:25.4 +58 00 HD 221253 AR Cas ADS 16795A W 14737		29 Aug 17.505 29 Aug 17.514	- 48.5 - 29.2		36 36	23:27.8 +86 45 HD 221525 W 14736		36 Nov 4.170 46 Dec 12.196 47 Nov 1.283	- 12.2 - 13.7 - 8.2		38 36 36
23:25.4 -24 45 HD 221257 W 14741		45 Oct 19.243 47 Oct 1.287 47 Oct 27.228	- 24.2 - 25.9 - 24.8		80 80 80	23:28.2 +62 36 HD 221585 W 14767		13 Sep 18.399 13 Oct 11.292 13 Nov 10.334	+ 7.7 + 9.7 + 6.4	0.6 0.7 1.2	
23:25.5 +30 18 HD 221264 ADS 16800AB W 14740		21 Sep 14.359 21 Sep 15.370 21 Oct 10.274 21 Nov 7.308	- 34.1 - 35.8 - 30.4 + 16.0	8.3 2.3 5.0	36 36 36 36	23:28.5 +21 57 HD 221615 71 Peg W 14770		24 Aug 14.490 24 Sep 14.142 24 Sep 14.304	+ 5.5 + 0.4 + 2.1	1.1 0.3	36 36 36
23:25.9 +43 25 HD 221303 W 14743		15 Aug 19.481 15 Sep 18.340 15 Sep 23.380	+ 12.3 + 5.4 + 8.7	2.4 1.5 0.9		23:28.7 +59 52 HD 221639 W 14771		25 Aug 12.490 25 Aug 13.485 25 Sep 4.408	- 0.8 + 0.9 + 2.2	0.2 1.5 2.5	36 36 36
23:26.1 +18 14 HD 221327 ADS 16808A W 14744		15 Jul 30.453 48 Jul 28.489 48 Aug 18.322 48 Nov 17.171	- 4.6 - 1.7 + 0.3 - 6.1	7.7	36 36 36 80	23:28.9 +20 18 HD 221662 W 14779		43 Dec 4.115 44 Aug 1.485 45 Aug 30.400	+ 6.5 + 7.5 + 2.7		80 36 36

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)
23:29.0 +59 54		25 Aug 12.429	+ 12.6	+1.1	36	23:32.6 +61 52		See ApJ 86, 363, 1937			
HD 221670		25 Aug 13.423	+ 0.3	2.2	36	RS Cas					
W 14774		25 Sep 4.467	- 4.3	1.5	36	W 14805					
		34 Aug 20.382	+ 8.7		36						
23:29.0 +30 46		17 Dec 5.126	- 24.7			23:32.7 +45 55		17 Aug 6.385	+ 15.7		
HD 221673		22 Sep 2.388	- 18.9		36	HD 222107		17 Dec 29.145	+ 16.8		
72 Peg						16 λ And					
ADS 16836AB						W 14808					
W 14780											
23:29.2 +69 49		45 Nov 24.165	- 31.5		80	23:34.3 +49 55		11 Aug 11.477	+ 37.3	+3.2	
BD+69° 1337		48 Aug 18.360	- 35.7		80	HD 222304		11 Aug 15.479	- 3.2	3.6	
W 14778		48 Aug 20.403	- 30.9		80	18 And		11 Aug 18.505	- 1.0	5.3	
						W 14821		11 Oct 7.331	+ 1.0	3.2	
23:29.3 +73 40		15 Sep 17.361	- 21.6	3.3		23:34.8 +05 05		13 Nov 17.210	+ 0.8	1.5	
HD 221697		16 Nov 11.279	- 25.2	1.9		HD 222368		15 Jul 27.493	+ 2.9	2.3	
W 14777		17 Aug 5.430	- 23.2	2.4		17 γ Psc		16 Jul 17.484	+ 2.7	4.2	
						W 14828					
23:29.7 +39 41		11 Aug 10.457	+ 11.8	0.5		23:35.0 +73 25		36 Aug 12.448	- 6.4		38
HD 221756		11 Aug 16.479	+ 17.8	5.0		HD 222387		43 Jul 16.490	- 0.6		36
15 And		11 Oct 12.273	+ 10.2	3.7		W 14824		46 Sep 11.305	+ 12.6		36
W 14785		12 Sep 1.405	+ 16.4	1.0				46 Dec 13.156	+ 11.5		36
		12 Sep 19.438	+ 7.8	3.9							
23:29.7 +32 57		28 Aug 4.465	- 3.6	4.9	36	23:35.2 +77 04		15 Dec 18.116	- 41.9	0.3	
HD 221758		28 Nov 5.240	+ 0.6	1.0	36	HD 222404		17 Jul 9.450	- 39.8		
73 Peg		33 Oct 29.229	+ 3.8		36	35 γ Cep		17 Oct 26.340	- 37.9		
W 14784						W 14826					
23:29.9 +01 04		44 Aug 25.349	+ 13.1		108	23:35.6 +75 10		15 Aug 26.413	+ 6.1	3.2	
BD+0° 5017		44 Sep 28.319	- 7.9		108	HD 222448		20 Nov 25.261	- 3.8	2.2	80
W 14788						W 14844		21 Aug 14.388	- 2.0	4.0	36
23:30.4 +30 27		20 Jul 25.475	-108.4		36	23:35.6 -00 08		25 Aug 14.443	- 1.7	0.5	36
HD 221830		20 Sep 1.341	- 98.2	0.4	36	HD 222455		31 Aug 22.455	- 2.0		36
W 14794		20 Sep 21.404	-106.1	1.3	70	ADS 16919A		34 Aug 21.436	- 1.3		36
						W 14837					
23:30.4 +00 46		26 Sep 27.339	+ 14.3	1.0	36	23:36.0 -12 14		21 Dec 12.139	- 14.2	0.7	36
HD 221833		28 Nov 6.219	+ 2.8	0.6	36	HD 222493		22 Aug 11.465	- 12.7	1.1	36
W 14792		29 Jul 28.466	+ 14.9	0.4	36	W 14839		22 Aug 31.393	- 5.2	0.5	36
		33 Oct 1.325	+ 6.2		36			22 Oct 2.335	- 8.2		36
23:30.4 -08 01		42 Jul 30.365	+ 2.8		36	23:36.4 -18 35		33 Oct 8.290	+ 23.1		36
HD 221835		43 Nov 22.143	+ 5.5		36	HD 222547		34 Jul 24.481	+ 26.2		36
W 14793		45 Sep 25.283	+ 7.4		36	103 Aqr		42 Aug 26.350	+ 27.4		36
						W 14843					
23:30.6 +71 05		42 Aug 2.462	- 0.5		36	23:36.6 +47 02		See ApJ 115, 25, 1952			
HD 221861		42 Aug 25.406	+ 1.4		36	WY And					
W 14790		43 Jul 19.484	- 5.0		36	W 14846					
23:30.7 +60 23		21 Oct 19.215	- 62.1		37	23:36.6 -18 23		18 Sep 17.364	- 11.4	1.5	70
BD+60° 2582		21 Oct 20.285	- 59.8	6.9	37	HD 222574		22 Sep 2.419	- 6.0	2.4	36
W 14796		22 Oct 11.260	- 77.3	9.2	37	104 Aqr		22 Oct 29.212	+ 8.0	3.4	36
						W 14847		24 Oct 20.278	+ 0.6	1.3	36
23:31.0 +17 53		17 Dec 1.137	- 31.8	0.9		23:36.8 +73 50		46 Aug 12.390	- 25.5		80
HD 221914		18 Jul 25.403	- 20.4	0.8	80	HD 222589		47 Aug 7.485	- 21.1		80
W 14799		18 Aug 19.488	- 19.6	1.5	80	W 14842		47 Sep 29.364	- 26.4		80
		18 Sep 26.383	- 23.8	1.5	80						
		19 Oct 5.320	- 26.2	0.3	37						
23:31.3 +01 32		23 Oct 2.293	+ 43.8	5.7	36	23:36.9 +75 10		15 Sep 22.319	- 1.0	0.1	
HD 221950		23 Nov 19.159	+ 34.8	2.9	36	HD 222598		15 Oct 26.210	- 2.5	2.9	
16 Psc		25 Aug 5.466	+ 40.1	0.5	36	W 14844		17 Aug 5.479	- 8.5	3.9	
W 14800		25 Sep 27.332	+ 36.9	6.2	36						
23:31.5 -17 47		45 Aug 21.376	- 21.1		80	23:37.0 +43 39		39 Oct 23.326	+ 24.0		124
HD 221974		47 Aug 28.377	- 21.0		80	20C 1445		43 Sep 15.396	- 16.4		108
W 14802		47 Sep 30.328	- 26.3		80	W 14848		43 Oct 14.372	- 70.1		110
								43 Nov 6.267	- 96.1		110
								44 Sep 26.297	- 67.2		110
23:32.5 -13 37		36 Nov 26.123	- 11.7		38	23:37.3 +44 26		25 Oct 26.303	- 11.0	1.6	36
HD 222093		42 Jul 31.465	- 14.0		36	HD 222641		26 Aug 24.462	- 5.8	0.1	36
ADS 16878A		46 Oct 10.300	- 10.6		36	W 14853		26 Aug 27.399	- 15.3	0.2	36
W 14806								32 Sep 13.294	- 7.6		36

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)
23:37.7 +15 47		27 Oct 10.276	- 1.7		36	23:42.7 +03 36		25 Aug 31.380	- 17.4		37
HD 222683		27 Oct 14.263	+ 1.1		36	HD 223238		28 Oct 3.302	- 11.5		37
W 14858		27 Nov 7.162	- 3.1		36	W 14899		30 Sep 10.412	- 19.7		76
23:38.3 +09 46		13 Oct 9.332	- 31.3	+1.5		23:42.8 -03 19		28 Aug 2.490	- 5.3		36
HD 222764		13 Nov 16.232	- 33.2	1.9		HD 223252		28 Nov 21.170	- 11.7		36
77 Peg		13 Dec 13.108	- 38.7	1.3		20 Psc		29 Jul 25.479	- 2.2		36
W 14859		14 Jan 6.112	- 38.3	1.3		W 14900					
		14 Jul 11.455	- 34.2	0.4							
23:38.3 -08 29		26 Aug 14.467	-104.1		76	23:43.4 -06 56		17 Dec 27.118	- 25.1	+4.0	
HD 222766		26 Sep 26.394	- 92.8	1.7	76	HD 223311		17 Dec 29.112	- 23.9	2.2	
W 14861		26 Oct 27.275	- 98.4		76	W 14902		18 Sep 21.350	- 25.7		70
								35 Aug 16.437	- 22.9	0.7	38
23:38.6 +57 30		12 Aug 20.380	- 64.2	2.6				35 Sep 9.357	- 17.4	0.9	38
HD 222794		12 Sep 27.389	- 68.9	0.3				35 Sep 18.259	- 21.0	0.8	38
W 14860		12 Oct 24.331	- 69.8	2.3				37 Oct 26.289	- 18.2	2.4	38
								37 Oct 27.325	- 16.0	1.0	38
23:39.2 +00 10		31 Sep 24.373	+ 4.2		36			37 Nov 25.154	- 15.8	1.3	38
HD 222860		37 Nov 22.167	+ 0.5		38			46 Aug 10.484	- 19.8		10
W 14866		42 Sep 1.365	+ 7.8		36			46 Sep 8.342	- 19.7		10
23:40.0 +55 16		15 Nov 21.242	+ 8.5	1.6		23:43.6 -08 42		38 Jul 8.488	+ 27.8		76
HD 222932		16 Dec 5.180	+ 8.7	1.1		HD 223338					
W 14871		17 Jan 5.141	+ 7.3	0.6		BS Aqr					
						W 14905					
23:40.0 +29 01		15 Oct 16.265	+ 47.7	2.1	80	23:44.0 +61 40		13 Sep 14.380	- 56.0	3.8	
HD 222935		15 Nov 19.173	+ 60.0	4.6	80	HD 223385		13 Oct 18.266	- 56.3	2.0	
W 14874		16 Jul 21.459	+ 46.8	2.9	80	6 Cas		13 Nov 15.177	- 52.4	3.4	
		16 Sep 12.372	+ 55.0			ADS 17022A					
						W 14909					
23:40.9 -00 17		33 Oct 3.347	- 32.8		36	23:44.0 +05 50		20 Jul 28.448	- 21.5	0.9	37
HD 223029		42 Aug 22.376	- 27.0		36	HD 223392					
ADS 16978A		42 Nov 1.189	- 32.4		36	W 14912					
W 14878		42 Nov 21.167	- 39.8		36						
23:41.1 +45 52		18 Dec 13.180	- 25.4	0.3	36	23:44.0 +01 52		09 Nov 21.167	- 41.6	2.5	50
HD 223047		19 Jan 13.136	- 26.1	1.3	15	18C 3124		14 Nov 29.225	- 61.8	4.2	
20 ψ And		19 Aug 12.480	- 24.6		36	W 14913		16 Aug 9.454	- 68.3	3.6	
W 14879								16 Sep 14.427	- 51.6		
								16 Sep 15.435	- 67.0		
23:41.2 -42 07		25 Aug 3.478	- 22.5	2.4	76	23:44.3 +58 25		35 Aug 19.431	+ 33.0		38
HD 223065		44 Nov 8.206	- 27.0		70	HD 223421		46 Oct 9.283	+ 23.9	5.2	36
W 14884		44 Dec 12.165	- 21.0		70	W 14914		46 Nov 7.216	+ 24.5		36
								48 Oct 20.232	+ 34.4		36
23:41.3 +02 56		12 Oct 31.268	- 0.3	3.0		23:44.4 +00 31		11 Sep 17.352	+ 14.4	1.5	
HD 223075		13 Jul 25.409	+ 15.2	2.2		HD 223438		11 Oct 15.312	+ 4.0	0.3	
19 TX Psc		21 Nov 15.143	+ 5.0		36	21 Psc		12 Aug 25.430	+ 14.3	0.4	
W 14882						W 14916		12 Sep 23.375	+ 8.1	3.4	
								12 Nov 1.259	+ 5.2	2.7	
23:41.5 -00 01		26 Aug 30.393	+ 0.4	4.8	36	23:44.5 +45 14		39 Oct 24.188	- 27.0		108
HD 223096		26 Oct 26.265	+ 2.0	0.5	36	AP And					
W 14885		28 Jul 10.452	+ 0.4		36						
23:42.1 +58 06		14 Sep 2.342	- 23.9	1.5		23:44.9 +02 19		14 Aug 8.419	- 18.8	1.1	
HD 223165		14 Sep 6.305	- 22.2	1.0		HD 223498		14 Aug 31.410	- 31.2	0.0	
5 τ Cas		14 Sep 11.302	- 21.4	1.5		W 14920		14 Sep 29.369	- 25.6	0.7	
W 14891		15 Aug 19.426	- 18.2	0.3				15 Oct 21.252	- 29.4	1.4	
		15 Sep 24.347	- 21.1	2.4							
23:42.1 -12 28		27 Oct 19.263	+ 12.1	1.2	36	23:45.1 -10 32		45 Jul 19.478	- 20.0		36
HD 223170		28 Sep 1.399	+ 10.6	2.5	36	HD 223524		46 Oct 13.270	- 19.9		36
W 14893		33 Aug 12.468	+ 12.4	3.5	36	W 14921		47 Oct 2.316	- 14.4		36
								47 Oct 3.294	- 14.6		36
23:42.2 +56 54		14 Sep 4.364	- 7.5	2.1		23:45.4 +51 04		23 Aug 26.420	- 23.4	2.4	36
HD 223173		14 Sep 28.295	- 7.4	1.2		HD 223552		23 Sep 1.386	- 19.0	2.1	36
W 14890		14 Oct 27.322	- 0.8	1.6		ADS 17032A		23 Sep 25.390	- 22.4	4.1	36
						W 14922					
23:42.7 +68 31		43 Sep 18.239	- 40.7	0.9	80	23:45.4 -14 58		33 Sep 13.355	- 52.9		36
β 12558A		47 Aug 29.396	- 47.2		80	HD 223559		34 Oct 22.246	- 58.2		36
W 14894		47 Oct 31.281	- 48.0	4.0	80	W 14924		45 Nov 23.134	- 62.7		36
23:42.7 +68 31		43 Sep 18.300	- 42.0		80						
β 12558B		47 Aug 29.444	- 42.3		80						
W 14895		47 Oct 31.344	- 38.6		80						

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	$\frac{D}{\lambda}$ {mm}	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	$\frac{D}{\lambda}$ {mm}
23:45.7 +60 21		See ApJ 79, 84, 1934				23:47.7 -09 33		33 Oct 7.359	- 17.9		36
UU Cas						HD 223807		34 Sep 2.371	- 13.9		36
W 14925						W 14944		45 Nov 23.182	- 20.9		36
23:45.9 +46 57		See ApJ 96, 344, 1942				23:47.8 -03 43		28 Jul 23.474	- 1.0	+1.8	36
HD 223608						HD 223825		28 Nov 19.194	+ 3.2	0.5	36
TZ And						24 Psc		29 Aug 25.393	- 16.5	1.8	36
W 14926						W 14945		45 Sep 19.348	- 6.7		36
								46 Sep 10.317	- 7.7		36
23:46.2 +08 46		23 Sep 27.313	- 7.6	+4.0	36	23:47.9 +40 47		44 Jul 30.463	- 11.3		80
HD 223737		23 Oct 25.256	- 8.8	0.2	36	HD 223835		49 Oct 10.323	- 2.5		80
80 Psc		23 Nov 19.212	- 4.5		36	W 14947		49 Nov 7.157	- 4.0		80
W 14928								50 Jul 27.452	- 2.4		80
23:46.6 -07 10		43 Nov 11.201	+ 9.8		80	23:48.0 +01 32		14 Aug 6.458	+ 8.9		
HD 223688		45 Aug 22.355	+ 10.5		80	HD 223855		14 Oct 5.306	+ 13.2		
W 14929		45 Nov 28.142	+ 14.2		80	25 Psc		14 Nov 30.151	+ 6.9	6.9	
						W 14948					
23:46.9 +37 20		24 Nov 17.211	- 25.2	1.7	36	23:48.6 -18 56		22 Aug 7.473	- 21.8	3.4	36
HD 223718		26 Jul 25.485	- 16.2		36	HD 223932		22 Sep 30.330	- 20.9	2.4	36
ADS 17054A		26 Jul 26.414	- 19.7		36	W 14950		23 Sep 24.380	- 13.0		36
W 14931											
23:46.9 +37 20		26 Jul 25.485	- 13.8		36	23:49.4 +56 57		12 Dec 27.098	- 41.4	2.8	
ADS 17054B		26 Jul 26.414	- 16.5		36	HD 224014		13 Jun 15.481	- 39.1	0.7	
W 14932		28 Oct 26.300	- 24.7		36	7 p Cas		13 Jul 16.480	- 47.2	1.6	
						W 14955		13 Aug 15.489	- 42.0	2.6	
23:46.9 +02 23		13 Sep 15.354	+ 0.5	1.8				19 Jan 13.193	- 47.4	0.4	15
HD 223719		13 Oct 16.249	+ 0.7	1.9				33 Jan 4.128	- 49.4	0.7	76
22 Psc		13 Nov 7.214	+ 1.3	1.2				33 Jan 5.112	- 53.1	2.1	76
W 14933								33 Jan 6.128	- 50.2	4.4	76
								33 Jan 7.110	- 36.3		80
23:47.1 +77 03		19 Aug 13.480	- 1.0	2.0	36			33 Jan 8.112	- 43.1		80
HD 223731		19 Sep 3.433	- 0.2	0.1	36						
W 14934		19 Oct 9.393	+ 4.1		36	23:49.4 -40 52		28 Oct 10.297	- 9.5		37
						HD 224022					
23:47.2 +58 11		See ApJ 86, 363, 1937				23:49.7 -00 27		24 Aug 10.476	- 3.6	0.7	36
RY Cas						HD 224062		24 Aug 13.470	- 3.6	0.4	36
W 14935						W 14957		24 Aug 19.444	+ 1.4	1.9	36
23:47.3 +21 07		20 Aug 1.492	- 4.8		36	23:49.9 +28 06		See ApJ 53, 201, 1921			
HD 223755		21 Sep 20.273	- 8.2		36	HD 224085					
W 14937		21 Oct 18.247	- 2.1	1.2	36	W 14960					
23:47.4 +18 34		16 Dec 11.135	- 15.6	2.0	36	23:50.0 +06 31		16 Oct 12.273	+ 25.1	2.2	
HD 223768		19 Aug 10.466	+ 0.2		36	HD 224103		23 Aug 20.436	+ 17.0	7.0	36
81 p Peg		19 Aug 10.495	- 3.2		36	26 Psc		23 Oct 2.323	+ 13.0	8.5	36
W 14939		20 Nov 2.194	- 2.3		36	W 14961		30 Oct 7.328	+ 20.6		36
23:47.4 -14 48		33 Aug 10.477	+ 3.0		36						
HD 223774		45 Nov 22.139	+ 2.1		36	23:50.5 +56 53		See ApJ 83, 121, 1936			
W 14938		48 Oct 22.233	+ 2.4		80	HD 224151					
						W 14967					
23:47.5 +74 59		13 Nov 16.341	+ 32.3	1.8		23:50.5 +52 11		26 Sep 29.336	- 4.4	1.1	36
HD 223778		14 Nov 25.225	+ 16.7	1.9		HD 224152		28 Sep 26.390	- 0.5		36
ADS 17062A		15 Jul 29.483	+ 27.2	2.3		W 14965		28 Sep 27.388	+ 6.7		36
W 14940		16 Jul 13.443	+ 31.2	11.2							
		16 Aug 16.462	- 17.4	0.5		23:50.8 +14 41		44 Oct 10.282	+ 5.2		80
		16 Sep 18.342	+ 11.9	2.0		HD 224186		46 Aug 7.493	+ 2.1		80
		17 Jan 7.126	+ 52.0	4.1		W 14971		49 Aug 10.443	+ 5.3		80
23:47.5 +10 23		11 Oct 11.306	+ 19.5	5.9							
HD 223781		11 Nov 3.234	+ 21.4	3.1		23:51.0 -22 33		24 Sep 9.429	- 7.0		76
82 Peg		12 Sep 2.458	+ 0.4	1.7		HD 224225		25 Aug 30.417	- 5.6		37
W 14941		12 Sep 20.420	+ 7.9	2.8		W 14972		25 Sep 28.359	- 0.7	5.4	37
		12 Oct 22.245	- 0.1	6.7							
		12 Nov 26.279	- 19.1	7.6		23:51.2 -10 03		25 Oct 1.349	+ 39.4		36
		13 Aug 16.497	- 8.6	2.8		HD 224253		47 Aug 27.396	+ 35.1		80
						ADS 17107A		49 Sep 5.415	+ 36.1		80
23:47.6 +21 12		32 Sep 10.372	- 1.8	0.4	36	W 14975					
HD 223792		33 Jul 14.465	- 3.4		36						
W 14943		33 Aug 11.491	- 3.9		36	23:51.2 -10 03		25 Oct 1.349	+ 37.8		36
		33 Aug 12.431	- 1.7	2.0	36	ADS 17107B		49 Sep 5.369	+ 43.2		80
						W 14976					

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	D ($\frac{\text{\AA}}{\text{mm}}$)
23:51.4 +73 35		15 Oct 27.222	- 50.4	+2.3		23:53.9 +55 12		26 Oct 18.264	+ 8.4	+8.8	36
HD 224272		16 Aug 12.472	- 53.0	3.4		ADS 17140B		30 Aug 6.455	- 19.2	5.4	36
W 14974		17 Aug 31.503	- 36.7	5.5	80	W 15005		47 Nov 1.256	- 9.2		36
		21 Nov 15.258	- 48.6	2.0	36			49 Oct 14.234	+ 2.5		80
23:51.6 +22 05		43 Sep 4.132	- 2.2		80	23:54.2 +26 43		13 Sep 19.403	- 29.2	3.2	
HD 224303		45 Jul 31.477	+ 5.1		36	HD 224615		13 Oct 16.184	- 30.7	4.0	
W 14979		48 Sep 22.322	+ 3.0		80	W 15008		14 Sep 3.403	- 32.4		
23:52.0 +42 06		13 Sep 14.401	- 0.9	1.8		23:54.2 -17 30		20 Aug 2.486	- 37.7	2.8	37
HD 224342		13 Oct 9.374	- 6.7	1.7		HD 224618		20 Nov 28.201	- 47.6	4.5	37
W 14981		13 Nov 15.222	- 12.4	1.9		W 15010		23 Aug 20.493	- 45.2	6.9	81
		13 Dec 13.162	- 8.2	1.1				34 Aug 27.424	- 38.8		81
		14 Aug 31.476	- 10.4	0.3							
		14 Nov 1.214	- 8.3	1.4		23:54.2 -20 35		17 Oct 31.225	+ 21.8	0.3	36
23:52.1 +55 09		30 Aug 5.494	- 26.6		36	HD 224619		17 Nov 29.132	+ 26.6	0.3	
HD 224355		30 Aug 6.502	+ 10.0		36	W 15011		19 Sep 15.377	+ 19.8	0.6	36
W 14982		30 Aug 20.479	- 59.1		36			21 Jul 17.481	+ 19.2	0.7	37
			+ 82.7								
23:52.2 +60 28		50 Oct 5.233	- 77.6		80	23:54.4 +33 11		21 Aug 17.483	- 2.9		36
HD 224364		50 Nov 2.189	- 79.1		80	HD 224635		21 Sep 11.383	- 0.0		36
ADS 17119A		50 Nov 29.126	- 72.3		80	ADS 17149A		21 Oct 12.424	- 9.0	0.0	36
W 14984						W 15012					
23:52.3 +62 09		See ApJ 86, 363, 1937				23:54.4 +33 11		21 Aug 17.442	- 5.0		36
DD Cas						HD 224636		21 Sep 11.335	- 7.6		36
W 14983						ADS 17149B		21 Oct 12.397	- 10.3	0.5	36
						W 15013					
23:52.3 +47 43		15 Aug 20.446	+ 21.3	9.0		23:54.6 -06 27		30 Aug 14.427	+ 10.1	0.0	36
HD 224380		15 Aug 25.436	- 15.8	1.8		HD 224661		30 Dec 11.141	+ 12.5	1.3	36
W 14985		15 Nov 28.235	- 4.0	22.4		W 15015		32 Sep 24.350	+ 17.0	1.7	36
		22 Sep 30.410	+ 11.2	0.5	36	23:54.7 -00 51		44 Nov 28.135	- 33.5		36
		23 Sep 27.387	- 0.8	0.2	36	HD 224677		49 Aug 11.430	- 32.9		80
23:52.3 -10 12		42 Nov 22.141	- 31.8		36	W 15016		49 Sep 5.325	- 24.7		80
HD 224383		43 Oct 12.294	- 34.4		36						
W 14987		44 Sep 7.378	- 28.5		80	23:55.0 +19 29		36 Aug 30.480	+ 7.1		80
		44 Nov 29.132	- 30.1		36	18C 3148		36 Oct 4.389	+ 14.0	2.5	80
						W 15018		37 Aug 18.156	+ 5.6		80
23:52.5 +75 45		21 Oct 21.166	+ 10.0	1.7	36			49 Sep 6.376	+ 7.0		80
HD 224402		22 Oct 8.320	+ 7.1	4.7	36	23:55.3 +26 22		21 Oct 19.286	+ 1.4	0.3	36
W 14989		22 Oct 9.260	+ 3.0	4.5	36	HD 224758		22 Jan 18.136	- 4.4	1.0	36
						W 15021		22 Aug 31.424	- 0.8	3.1	36
23:52.7 +24 35		18 Sep 19.359	- 8.4		70			22 Oct 5.328	+ 4.8	0.3	36
HD 224427		18 Oct 20.303	- 2.1		80			22 Oct 30.274	- 3.6	1.8	36
84 ψ Peg		19 Sep 5.348	+ 0.4		36						
W 14992		19 Sep 5.376	- 1.6		36	23:55.9 +60 25		See ApJ 86, 363, 1937			
						CG Cas					
23:52.9 +15 24		20 Jul 27.488	- 82.8	9.5	81	W 15025					
U Peg			+111.0	7.9							
W 14994		20 Aug 30.315	+ 38.9		37	23:56.3 +39 04		21 Sep 17.401	+ 2.2	0.9	37
		21 Jun 26.474	- 77.2		81	HD 224873		21 Oct 10.351	- 0.0	2.1	37
			+134.7			W 15031		22 Aug 6.485	+ 0.6	3.0	37
23:53.1 +60 39		48 Sep 14.430	+ 5.9		108	23:56.5 +60 40		14 Oct 9.358	- 21.5	2.3	
CE Cas						HD 224893		14 Dec 26.143	- 21.0		
						W 15034		14 Dec 30.153	- 24.7		
23:53.1 +49 53		17 Oct 26.310	+ 7.5	1.8		23:56.6 +41 49		14 Oct 31.240	- 22.7	5.5	
HD 224465		17 Nov 1.192	+ 10.9	1.6	36	HD 224906		15 Jan 3.145	- 4.1	5.2	
W 14996		17 Nov 24.262	- 3.4	0.8	36	W 15038		16 Sep 9.437	+ 17.2	0.8	
		18 Aug 18.378	- 2.4	1.1	36			17 Jan 9.147	- 0.4	0.7	5
		18 Dec 13.219	+ 1.0	0.5	36			22 Jul 16.484	- 10.8		36
23:53.2 -16 25		35 Sep 7.374	+ 8.3		38	23:56.7 +75 37		37 Jul 28.469	+ 0.4		80
HD 224481		45 Sep 2.391	+ 7.3		36	HD 224917		39 Oct 1.310	- 18.4	0.7	70
l Cet		47 Oct 1.304	- 1.2		80	W 15039		46 Aug 10.478	+ 0.5		80
W 14997								50 Oct 3.201	- 6.3		80
23:53.6 +46 10		20 Aug 4.466	+ 9.8		37	23:56.7 -26 21		24 Jan 24.124	+ 32.8	9.2	76
BD+45° 4378		20 Aug 29.472	+ 4.4		37	HD 224927					
W 15000		21 Aug 17.468	+ 2.8	2.3	37	ADS 17173AB					
						W 15042					

CATALOG OF RADIAL VELOCITIES

489

TABLE 2—Continued

R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	$\frac{D}{\lambda}$ { $\frac{\text{\AA}}{\text{mm}}$ }	R.A. (1900) Name	Decl.	Date (UT)	Vel. (km sec ⁻¹)	p.e.	$\frac{D}{\lambda}$ { $\frac{\text{\AA}}{\text{mm}}$ }
23:56.8 +26 34		13 Sep 10.480	- 33.7	+1.0		23:59.2 -17 05		28 Sep 6.411	+ 26.4	+1.2	80
HD 224930		13 Nov 18.158	- 32.6	1.7		HD 225197		28 Dec 7.149	+ 25.8		36
85 Peg		14 Dec 28.178	- 32.1	0.7		W 17		29 Aug 27.399	+ 27.0		36
ADS 17175A		16 Aug 19.427	- 32.3	1.2	15	23:59.4 -11 04		27 Sep 12.382	- 49.6	2.1	80
W 15044		16 Sep 8.440	- 32.2	0.7		HD 225212		27 Sep 12.431	- 42.8	0.2	80
						3 Cet		27 Nov 11.247	- 34.2	2.2	80
23:57.0 -03 23		21 Nov 22.227	-141.0	4.2	37	W 18		48 Nov 23.238	- 41.6		36
HD 224959		22 Sep 3.438	-127.2	5.4	37						
23:57.2 +60 09		50 Oct 5.257	- 24.9		80	23:59.4 -37 51		21 Aug 21.432	+ 24.6	6.4	37
HD 224980		50 Nov 2.215	- 24.0		80	HD 225213		22 Sep 1.415	+ 26.9	3.2	37
W 15047		50 Nov 29.151	- 23.0		80	W 31		24 Sep 7.411	+ 31.3	4.2	76
								24 Nov 15.224	+ 11.0	0.8	76
23:57.3 +08 24		14 Dec 28.151	+ 30.4	8.2		23:59.5 +66 36		25 Oct 2.319	- 27.1		80
HD 224995		15 Dec 21.127	+ 3.3	3.3		HD 225216		25 Oct 2.343	- 26.8	1.0	80
31 Psc		16 Sep 11.417	+ 13.1	11.1		W 22		25 Oct 25.355	- 25.9		80
W 15049		16 Oct 12.301	+ 18.1	1.0							
		17 Jan 2.132	+ 37.6	21.8		23:59.5 +43 00		25 Sep 10.424	+ 15.5	0.2	65
		17 Oct 2.375	+ 6.2	5.1		HD 225217		25 Sep 11.299	- 17.		65
		22 Jul 16.503	+ 9.8		36	SU And		25 Sep 26.335	- 24.		65
23:57.4 +07 56		30 Aug 13.460	+ 8.3	1.3	36	W 19		29 Aug 24.447	- 15.		65
HD 225003		34 Nov 28.174	+ 7.2		36						
32 Psc		36 Oct 3.331	+ 11.5		36	23:59.5 +41 33		46 Aug 8.478	- 7.6	0.8	80
W 15050		46 Sep 10.271	+ 13.7		36	ADS 30B		49 Oct 10.360	- 53.9		80
		46 Oct 9.347	+ 6.7		36	W 21		49 Oct 12.322	- 27.1		80
								50 Jan 11.126	- 57.0	0.4	80
23:57.5 +65 33		13 Oct 10.339	- 18.5	1.2		23:59.5 +34 12		23 Aug 5.465	- 49.7		76
HD 225009		13 Nov 11.253	- 12.5	1.6		VW And		23 Aug 6.448	- 47.1		76
ADS 1A		13 Dec 10.172	- 20.7	0.9				25 Sep 9.390	- 27.0		76
W 2		14 Nov 2.240	- 15.8	0.1							
		26 Oct 28.247	- 20.4	4.7	36	23:59.6 +34 07		10 Aug 18.460	+ 18.6	1.3	50
23:57.5 +65 33		26 Oct 28.284	- 2.2		36	HD 225239		10 Aug 22.480	+ 20.4	1.1	50
HD 225010		32 Aug 15.423	- 10.2	0.6	36	W 24		10 Aug 25.474	+ 5.9	1.2	50
ADS 1B		35 Aug 12.452	- 5.4	0.6	36			10 Aug 27.494	- 11.2		50
W 3								10 Dec 9.185	+ 6.4		50
23:57.7 -25 30		38 Aug 11.440	+ 10.4		108			13 Jul 24.491	+ 5.8	1.7	
HD 225041								13 Aug 18.468	+ 3.7	1.0	
RU Sc1								13 Sep 9.416	+ 2.0	2.0	
W 5						23:59.7 +45 15		19 Nov 13.285	+ 9.1	0.6	37
23:58.2 +40 15		23 Aug 4.448	- 64.7			ADS 48F		43 Aug 9.497	- 6.4		110
						W 34		43 Aug 23.513	+ 9.0		110
								43 Oct 11.288	+ 2.7		108
23:58.3 +55 00		19 Oct 15.220	- 35.0		36	23:59.8 +45 07		20 Dec 23.176	- 16.5	0.4	76
HD 225095						HD 225291		24 Oct 16.323	- 23.8	1.3	76
						ADS 41A		25 Aug 30.504	- 16.7		37
						W 28		25 Sep 28.440	- 15.0		37
23:58.7 +66 09		46 Dec 8.140	+ 12.2	2.3	80	23:59.8 +45 07		22 Sep 1.495	- 9.1	2.5	37
HD 225136						ADS 41B		24 Nov 18.209	- 10.2	4.5	76
W 11						W 29					
23:59.1 +61 44		14 Oct 9.399	- 20.1	1.6							
HD 225180		14 Dec 26.157	- 17.7								
9 Cas		14 Dec 30.181	- 19.0	0.5							
W 14											

Again I appreciate help from various people at the Hale Observatories and we salute the Mount Wilson astronomers who photographed and measured these many spectra.

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