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8213658 MTA KESZ Sokszorosító, Budapest. F. v.: dr. Héczey Lászlóné

AC ANDROMEDAE

ABSTRACT

More than five thousand photographic observations of AC Andromedae made at the Konkoly Observatory between 1935 and 1956, as well as 680 photoelectric ones (obtained in the period 1954 - 1956) are published. The values of the three periods are refined.

INTRODUCTION

The variable star AC And (BD $+47^{\circ}4104$, $9^{m}.4$) was discovered by *Guthnick* and *Prager* (1927). The discoverers and the other observers, especially *Lause* (1932, 1933) were long at a loss for an explanation of its strong light curve variations. The light variation was sometimes definitely of RR Lyrae type, but in spite of the efforts made, no adequate period could be derived for the light changes. Ten years after the star's discovery, *Florja* (1937) made considerable progress in investigating its strange behaviour. He complemented the previously published observations with his own visual ones and on thoroughly investigating the light curves, he found that the course of the light variation could be described as the linear superposition of the light curves of two RR Lyrae type stars, one of which had a period of 0.525 day; the other having 0.711 day and a somewhat smaller amplitude. Subsequent observers also found that when the maxima of the 0.525 day and 0.711 day cycles coincided the observed maxima were high, otherwise they remained low or completely disappeared.

The strange behaviour of this star also aroused *L. Detre*'s interest and in 1935 he included AC And into the observing programme of Konkoly Observatory. In 1941, the present author also took up the observations. Up to 1954, observations had been carried out photographically; numerous photoelectric observations were obtained between 1954 and 1956. The photoelectric observations made from 1958 through 1962 were analysed by *Fitch* and *Szeidl* (1976).

It was realized that *Florja*'s periods could not explain the characteristics of the light curves in a satisfactory manner even though they could be used successfully to predict the times of the highest maxima. Relying

upon these findings it was suspected that, in order to account the strongly variable light curves, further period or periods should have been supposed over and above the well-known two periods (cf. *Guman*, paper read at the Variable Star Conference, Budapest, 27 August 1956, Mitt. Sternw. ung. Akad. Wiss. No. 42. 1957, p.3; *Kukarkin* et al., 1969).

In their thorough analysis of the 1958-1962 observations *Fitch* and *Szeidl* (1976) showed that there was, indeed, a third period of 0.421 day in the pulsation of AC And. The complicated light variation can be adequately explained by the simultaneous, non-linearly coupled pulsations with these three periods.

Since AC And exhibits this unique phenomenon, every observation even if less accurate than photoelectric ones may be of importance, hence the presentation of my unpublished observations. The use of these data have enabled more accurate values of the periods to be determined.

THE OBSERVATIONS

The observations published here were carried out between 1935 and 1956 and include 5670 photographic observations in the years 1935-1954, and 680 photoelectric observations in the period 1954-1956.

The photographic observations were commenced by *Drs. Julia Balázs* and *L. Detre* who obtained 184 observations on five nights in 1935-1937. Between 1941 and 1954 the present author made 4138 observations during 133 nights; the remaining observations were collected by the staff with the 7 inch astrograph of Konkoly Observatory. First Eastman 40, later Guilleminot Superfulgur photographic plates were used. Usually 20-25 four-minute exposures were taken in succession on each plate. The measurements of all the plates and the reductions were carried out by the author. Most of the plates were measured by a Rosenberg-type electromicrophotometer, only a few by a Zeiss-type Schnell-photometer.

The photographic magnitudes of the comparison stars (Table I) have been determined by comparison with NPS utilizing two plates made in 1935 and 1949. The identification chart of the comparison stars is given in Figure 1. The heliocentric Julian Dates and the obtained photographic magnitudes of AC And are presented in Table II.

The photoelectric observations were made on Konkoly Observatory's 24 inch reflector without any filter; the photometer employed an uncooled RCA 1P21 photomultiplier (for detailed description see *Balázs* and *Detre*, 1954).

Table I

The comparison stars

Star	m_{pg}
p BD +47° 4103	10.06 .
c BD +48° 3989	10.33
r	10.63
t	10.97
d	11.20
s	11.44
q	11.92

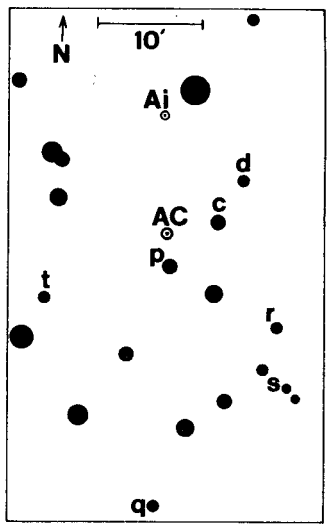

Figure 1

Identification chart of AC And

BD +48°3989 (=c of the photographic sequence) served as the comparison star. The photoelectric observations (in the sense variable minus comparison) can be found in Table III.

THE PERIODS

As has been already mentioned, according to *Fitch* and *Szeidl* (1976), AC And is a short period cepheid in which the fundamental, first and sec-

ond overtone pulsation modes are simultaneously excited and non-linearly coupled. Since the photoelectric observations used in their work cover only a short time interval (1958-1962) they accepted the two known periods derived earlier by me (see Kukarkin et al., 1969) and could determine the third period only with less accuracy. Therefore it seemed desirable to use the photographic observations covering nearly 20 years for a more accurate determination of the periods. (The photoelectric observations are due to be discussed in a future paper.)

The photographic observational material given here is the most extensive ever published of this star; in particular, the observations between 1945 and 1953 provide a homogeneous continual series.

To facilitate the processing of the data and light curves it seemed reasonable to make more characteristic sets of brightness variation but a smaller number. Thus all the photographic observations were collected on a magnetic tape and then plotted thereby enabling the light curves to be used with sufficient certainty (neglecting the possible microstructure). Then, from the light curves obtained in such a way, the magnitudes could be read in by a digitizer to a magnetic tape at equidistant time intervals. (The length of the intervals depended on the character of the light curves: for low maxima the interval was chosen to be $0^d.02$ or $0^d.01$, for high maxima it was $0^d.005$.) All the manipulations were carried out by an HP 9810A computer. The homogeneous sets of 1688 magnitudes obtained by the above described procedure are given in Table IV. These data sets well represent the light variations of AC And.

It is intended that the shape of the light curves and its variations be discussed in a later paper. Here, it is mentioned that the height of maxima changes considerably depending on the phase relations of the three periods. The highest maxima reach the value of 10.20 magn., the lowest ones are at 11.30 magn. The amplitude belonging to the highest maxima exceeds 1.5 magn., the smallest amplitude is hardly more than 0.2 magn. (see Figure 2).

In order to obtain more accurate values of the periods the following procedure was used. If all the observations are plotted against phases of one of the three periods the mass of points near 0 phase shows all the maxima according to the period in question, from the lowest ones to the highest ones. About half a period later, because of the minima at given period, the points are under the highest maxima. The maximum of the envelope of the mass of points determines the 0 phase of the period in question very accurately.

The periods given in the paper of *Fitch* and *Szeidl* (1976) were used in

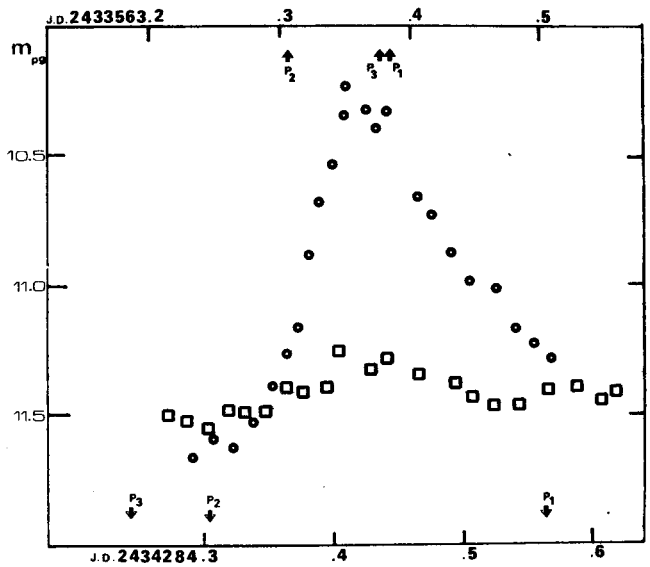

Figure 2

One of the brightest (J.D. 2433563 open circles) and one of the faintest (J.D. 2434284 squares) maxima of AC And. The arrows indicate the calculated zero phases for each of the three periods. Each point is a mean of three photographic observations on the ascending branch, otherwise of five observations.

the construction of the figures - supposing that at one of the highest maxima (on J.D. 2432467) the phase of each period was nearly O. These initial elements were:

J.D. 2432467.373 $+0^d.71124243 \cdot E_1$

J.D. 2432467.373 $+0^d.52512677 \cdot E_2$ *Guman* (see *Kukarkin* et al., 1969)

J.D. 2432467.373 $+0^d.421069 \cdot E_3$ *Fitch* and *Szeidl* (1976)

All the utilized observations of the phases of these periods showed considerable scattering. Even so, it is apparent from the figures that the envelope curves slowly shifted from year to year. Therefore the observations were divided into ten groups and then separately plotted against the phase of each of the three periods. In this way ten separate envelopes could be constructed for each period. The shift of each envelope determined an O-C value and, finally ten O-C residuals could be derived for each period. Using these data a least squares solution gave the following elements:

$$\text{J.D. } 2428009.429 + 0^d.71122470 \cdot E_1$$
$$\pm.005 \quad \pm.00000074$$

$$\text{J.D. } 2428009.571 + 0^d.52512629 \cdot E_2$$
$$\pm.004 \quad \pm.00000045$$

$$\text{J.D. } 2428009.496 + 0^d.42106751 \cdot E_3$$
$$\pm.004 \quad \pm.00000037$$

With the phases deduced from these new elements all the observations were plotted for each period separately (Figure 3a, 3b and 3c). Most of the points of the different epochs coincided in a satisfactory manner. It is immediately evident that the $0^d.711$ and $0^d.525$ periods have a much greater influence on the light curve than the $0^d.421$ period. The amplitude of the envelopes belonging to the longer periods is about 1.0 magn; the faintest observations are about 0.3 magn. brighter at phase $\varphi = 0.2$ than at $\varphi = 0.6$. The envelope curve drawn according to the $0^d.421$ period has an amplitude of only 0.8 magn. with scattering of the observations greater in the direction of the phase axis; and finally the influence of the period cannot be seen at the faintest observations.

Knowing the three periods it is worth examining the length of cycles which repeat the same types of light curves. From the periods two different cycles can be derived which yield the repetition of the highest maxima. One of them is:

$$3P_1 = 2^d.134, \quad 4P_2 = 2^d.101, \quad 5P_3 = 2^d.105$$

which was already found by the very first observers. This $2^d.1$ repetition disappears very quickly, only two or three repetitions can be followed.

The other cycle is :

$$45P_1 = 32^d.005, \quad 61P_2 = 32^d.033, \quad 76P_3 = 32^d.001$$

which can be observed two or three times one after the other during an observational season. *Azarnova* (1956, 1957) considered this 32^d cycle as the period of the light curve changes, like the period of the *Blazhko* effect in RR Lyrae stars. But two features contradict this suggestion. First this period cannot be followed after two or three repetitions and, secondly, the height of maxima does not change continuously during such a cycle.

Besides these two cycles, no other coincidences of this kind between the periods could be found. Both of these cycles are nearly integral multiples of one day and, in consequence, if the star is observed only from one geographical location spurious secular variations of the light curve may be

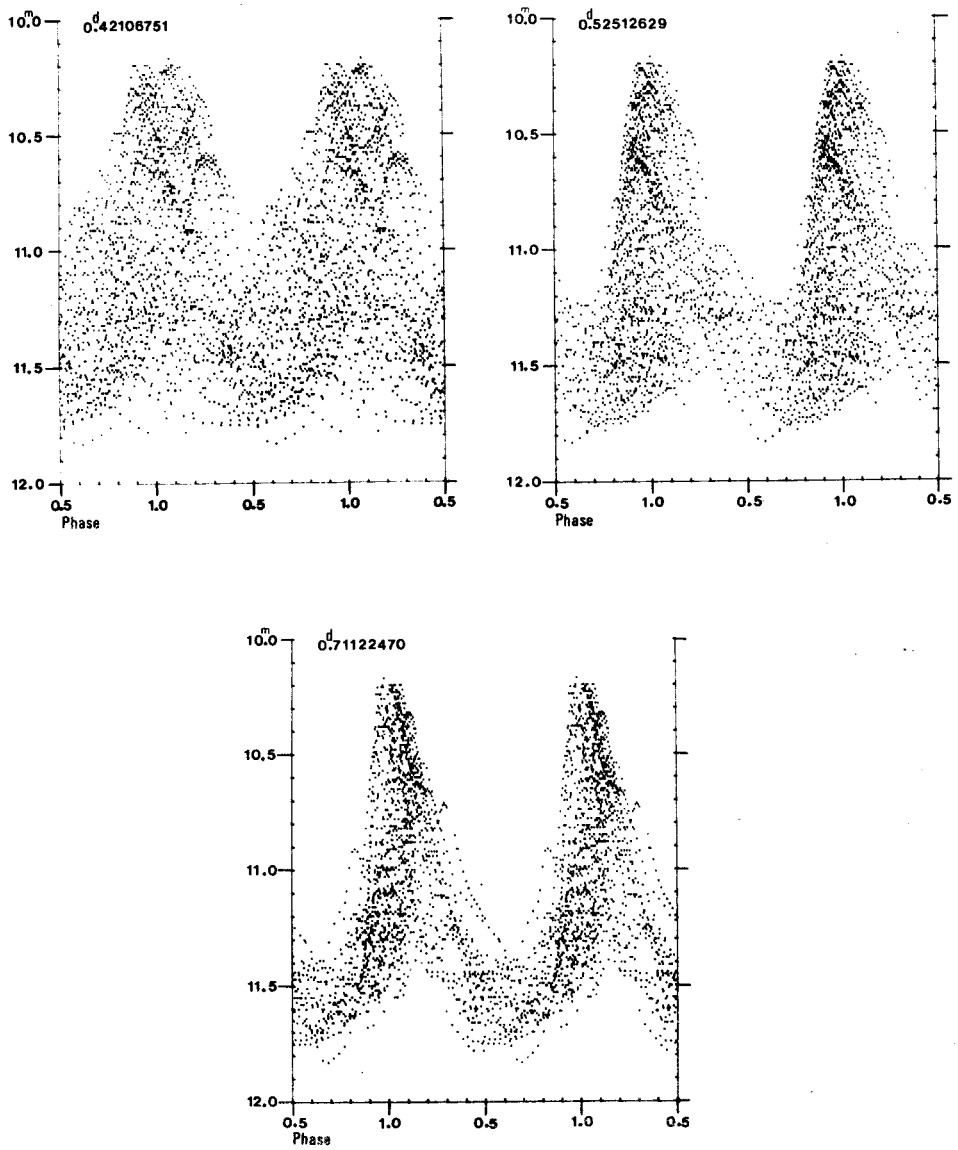

Figure 2a, b, c

Characteristic points of the light curves plotted against phases of each of the three periods

deduced because there are observational seasons during which no very high maxima can be observed.

From the above data it is not possible to decide which of the two longer periods has the greater influence on the light curve though *Fitch* and *Szeidl*'s (1976) results suggest that it is the $0^d.711$ period.

The photographic material presented indicates that the considerable secondary and double maxima on the light curves calculated by *Florja* and his followers are not real, even the smaller waves required by *Fitch* and *Szeidl*'s calculated light curves (see the light curve on J.D. 2437562 in their Figure 1) cannot be seen on the observed light curves. Nevertheless smaller waves can really be found on the light curves, especially near the minimum and maximum. But these waves do not seem to be related to the known periods. These are rather like the phenomena observed on some light curves of RR Lyrae type stars (e.g. RR Lyrae itself). The observations indicate that one can observe three $0^d.7$ cycles during $2^d.1$ that are strongly deformed by the other periods, but no significant secondary maxima are recognizable. This would refer to the fact that the $0^d.711$ period is the fundamental one. This problem could be, however, investigated by international (literally intercontinental) cooperation given a some days' long continuous light curve.

The author wishes to express his thanks to *Prof. I. Almár,* the director of the Cosmic Geodesic Observatory, for allocation of computer time.

Budapest-Szabadsághegy, 31 August 1981

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Table II

Photographic observations of AC Andromedae

J.D.	m	J.D.	m	J.D.	m
2428009+		2428047+		2428047+	
0.551	10.60	0.488	11.26	0.594	11.34
0.556	10.56	0.490	11.36	0.596	11.41
		0.492	11.43	0.598	11.42
2428047+		0.494	11.36	0.600	11.39
0.391	11.05	0.496	11.34	0.602	11.40
0.393	11.17	0.498	11.33	0.604	11.32
0.395	11.23	0.500	11.32	0.606	11.46
0.397	11.19	0.502	11.31	0.608	11.42
0.399	11.20	0.504	11.29	0.610	11.43
0.401	11.19	0.506	11.22	0.613	11.42
0.404	11.05	0.508	11.22	0.615	11.43
0.406	11.21	0.510	11.28		
0.408	11.16	0.513	11.28	2428048+	
0.410	11.20	0.515	11.28	0.497	10.98
0.412	11.21	0.517	11.36	0.499	10.91
0.414	11.20	0.519	11.26	0.501	10.94
0.416	11.16	0.521	11.27	0.503	11.00
0.418	11.13	0.523	11.25	0.505	11.00
0.420	11.12	0.525	11.28	0.507	10.95
0.422	11.04	0.527	11.27	0.511	10.98
0.424	11.06	0.529	11.30	0.513	10.86
0.426	11.13	0.531	11.24	0.516	10.84
0.429	11.19	0.533	11.36	0.520	10.90
0.431	11.20	0.535	11.19	0.522	10.82
0.433	11.13	0.538	11.27	0.526	10.86
0.435	11.20	0.540	11.21	0.531	10.73
0.437	11.22	0.542	11.27	0.533	10.74
0.439	11.19	0.544	11.26	0.535	10.83
0.441	11.11	0.546	11.31	0.538	10.75
0.443	11.15	0.548	11.32	0.540	10.77
0.445	11.17	0.550	11.39	0.542	10.79
0.447	11.21	0.552	11.29	0.544	10.81
0.449	11.19	0.554	11.34	0.546	10.83
0.450	11.28	0.556	11.42	0.548	10.85
0.453	11.19	0.558	11.38	0.550	10.88
0.455	11.12	0.563	11.41	0.552	10.81
0.457	11.20	0.565	11.41	0.554	10.88
0.459	11.23	0.567	11.36	0.556	10.92
0.461	11.17	0.569	11.55	0.558	10.86
0.463	11.18	0.571	11.50	0.560	10.89
0.465	11.19	0.573	11.38	0.563	10.88
0.467	11.17	0.575	11.33	0.565	10.79
0.469	11.14	0.577	11.33	0.567	10.89
0.472	11.10	0.579	11.29		
0.474	11.22	0.588	11.35	2428489+	
0.476	11.18	0.590	11.39	0.537	10.50
0.478	11.16	0.592	11.27	0.539	10.43

Table II (cont.)

J.D	m
2428489+	
0.541	10.37
0.544	10.39
2428790+	
0.464	10.79
0.467	10.72
0.469	10.97
0.472	10.95
0.475	10.74
0.478	10.92
0.480	10.80
0.483	10.82
0.486	10.81
0.489	10.95
0.492	10.91
0.495	10.80
0.498	10.87
0.501	10.90
0.503	11.00
0.506	11.00
0.509	10.95
0.512	11.06
0.514	11.10
0.517	11.07
0.520	10.93
0.523	11.00
0.526	11.02
0.528	11.05
0.531	10.99
0.534	10.95
0.542	11.10
0.545	11.17
0.548	11.17
0.551	11.10
0.553	11.16
0.556	11.16
0.559	11.18
0.562	11.17
0.564	11.10
0.567	11.20
0.573	11.18
0.576	11.19
0.581	11.23
0.584	11.27
0.587	11.32
0.589	11.20
0.595	11.25

J.D.	m
2428790+	
0.598	11.36
0.601	11.32
0.603	11.40
0.606	11.40
2430258+	
0.276	11.00
0.279	10.89
0.281	11.02
0.284	11.00
0.287	11.08
0.290	11.04
0.293	11.07
0.295	11.00
0.298	11.12
0.301	11.14
0.304	11.00
0.306	11.10
0.309	11.08
0.312	11.08
0.459	11.37
0.462	11.44
0.465	11.36
0.468	11.52
0.470	11.38
0.473	11.41
0.476	11.30
0.479	11.40
0.481	11.49
0.484	11.40
0.487	11.50
0.490	11.44
0.493	11.55
0.495	11.49
0.498	11.42
0.501	11.41
0.504	11.54
0.506	11.57
0.509	11.40
0.512	11.58
0.515	11.36
0.518	11.46
0.520	11.35
0.523	11.51
0.526	11.45
0.529	11.52
0.531	11.39

J.D.	m
2430258+	
0.534	11.44
0.537	11.45
0.540	11.56
0.543	11.48
0.545	11.40
0.548	11.52
0.551	11.46
0.554	11.50
0.558	11.45
0.561	11.32
0.563	11.53
0.566	11.53
0.569	11.51
0.572	11.54
0.574	11.46
0.577	11.34
0.580	11.55
0.583	11.45
0.586	11.45
0.588	11.42
0.591	11.42
0.594	11.32
0.599	11.42
0.602	11.43
0.605	11.44
0.608	11.32
2430259+	
0.259	11.10
0.262	11.00
0.265	11.13
0.267	11.10
0.270	11.05
0.273	11.24
0.276	11.16
0.279	11.06
0.281	11.21
0.284	11.15
0.287	11.14
0.291	11.11
0.294	11.13
0.297	11.09
0.299	11.14
0.301	11.26
0.303	11.26
0.305	11.29
0.307	11.30

Table II (cont.)

J.D. 2430259+	m	J.D. 2430259+	m	J.D. 2430259+	m
0.309	11.26	0.428	11.50	0.534	11.84
0.311	11.25	0.430	11.76	0.537	11.83
0.313	11.17	0.432	11.68	0.539	11.80
0.315	11.22	0.434	11.50	0.541	11.79
0.317	11.24	0.437	11.71	0.543	11.80
0.324	11.30	0.439	11.62	0.545	11.78
0.326	11.20	0.441	11.64	0.547	11.78
0.328	11.23	0.443	11.63	0.549	11.79
0.330	11.16	0.445	11.60	0.551	11.90
0.332	11.22	0.447	11.58	0.553	11.82
0.334	11.20	0.449	11.60	0.555	11.72
0.336	11.31	0.453	11.58	0.557	11.90
0.338	11.36	0.457	11.60	0.559	11.98
0.340	11.24	0.460	11.69	0.562	11.86
0.342	11.32	0.462	11.65	0.564	12.10
0.344	11.36	0.464	11.70	0.566	11.66
0.347	11.30	0.466	11.60	0.568	11.81
0.349	11.32	0.469	11.81	0.570	11.75
0.351	11.32	0.471	11.69	0.572	11.81
0.353	11.28	0.473	11.55	0.576	11.90
0.355	11.29	0.475	11.64	0.578	11.85
0.357	11.31	0.477	11.71	0.580	11.80
0.359	11.49	0.479	11.60	0.582	11.85
0.361	11.43	0.481	11.56	0.584	11.76
0.363	11.24	0.483	11.77	0.587	11.76
0.365	11.25	0.485	11.73	0.589	11.80
0.367	11.53	0.487	11.76	0.591	11.96
0.369	11.39	0.489	11.67	0.593	11.65
0.372	11.36	0.491	11.78	0.595	11.94
0.376	11.41	0.494	11.73	0.597	11.86
0.379	11.35	0.496	11.78	0.599	11.60
0.381	11.45	0.501	11.88	0.601	11.85
0.383	11.47	0.503	11.86	0.603	11.75
0.385	11.59	0.505	11.80	0.605	11.60
0.387	11.43	0.507	11.88	0.607	11.55
0.389	11.45	0.509	11.92	0.609	11.66
0.391	11.32	0.512	11.90	0.612	11.74
0.393	11.58	0.514	11.90	0.614	11.56
0.395	11.54	0.516	11.62	0.616	11.69
0.397	11.54	0.518	11.90	0.618	11.50
0.399	11.60	0.520	11.83	0.620	11.60
0.404	11.52	0.522	11.87	0.622	11.58
0.406	11.40	0.524	11.68	0.624	11.57
0.408	11.64	0.526	11.78	0.626	11.62
0.410	11.55	0.528	11.90	0.628	11.58
0.424	11.60	0.530	11.83	0.630	11.59
0.426	11.60	0.532	11.82	0.632	11.54

Table II (cont.)

J.D.	m
2430259+	
0.634	11.58
0.636	11.60
2430260+	
0.434	11.30
0.436	11.44
0.439	11.42
0.440	11.32
0.443	11.30
0.445	11.31
0.447	11.21
0.449	11.20
0.451	11.30
0.453	11.17
0.455	11.32
0.457	11.23
0.459	11.25
0.461	11.25
0.463	11.25
0.466	11.29
0.468	11.27
0.470	11.25
0.472	11.26
0.474	11.27
0.476	11.20
0.478	11.21
0.480	11.30
0.482	11.17
0.486	11.32
0.488	11.34
0.490	11.32
0.493	11.22
0.495	11.30
0.497	11.38
0.499	11.32
0.501	11.26
0.503	11.43
0.505	11.35
0.507	11.33
0.509	11.30
0.511	11.36
0.513	11.29
0.516	11.32
0.518	11.46
0.520	11.39
0.522	11.37
0.524	11.30

J.D.	m
2430260+	
0.526	11.36
0.528	11.32
0.530	11.25
0.532	11.32
0.532	11.32
0.536	11.29
0.538	11.28
0.543	11.29
0.545	11.41
0.547	11.33
0.549	11.27
0.551	11.19
0.553	11.22
0.555	11.30
0.557	11.35
0.561	11.27
0.563	11.32
0.566	11.21
0.568	11.30
0.570	11.23
0.572	11.40
0.574	11.43
0.576	11.28
0.578	11.30
0.580	11.33
0.582	11.40
0.584	11.32
0.586	11.18
0.588	11.20
0.591	11.20
0.593	11.44
0.597	11.43
0.600	11.38
0.602	11.40
0.604	11.37
0.608	11.43
0.610	11.37
0.612	11.22
0.614	11.24
0.616	11.23
0.618	11.46
0.620	11.34
0.622	11.43
0.625	11.30
0.627	11.27
2430261+	
0.303	10.85

J.D.	m
2430261+	
0.305	10.87
0.307	10.86
0.309	10.80
0.311	10.97
0.313	10.61
0.316	10.97
0.318	10.71
0.320	10.80
0.324	10.75
0.326	10.90
0.328	10.75
0.330	10.73
0.332	10.93
0.334	10.79
0.336	10.77
0.338	10.83
0.341	11.01
0.343	10.94
0.345	10.82
0.347	10.79
0.349	10.83
0.351	10.87
0.353	10.95
0.355	11.00
0.357	10.96
0.359	11.00
0.363	10.97
0.370	10.94
0.372	10.82
0.374	10.85
0.376	10.97
0.378	10.90
0.380	10.94
0.382	10.90
0.384	10.93
0.386	11.01
0.388	10.94
0.391	11.00
0.393	10.97
0.395	11.05
0.397	11.00
0.399	11.09
0.401	11.06
0.403	11.15
0.405	11.09
0.407	11.00
0.409	11.16

Table II (cont.)

J.D.	m	J.D.	m	J.D.	m
2430261+		2430262+		2430262+	
0.411	11.18	0.368	11.37	0.595	11.32
0.413	11.10	0.370	11.37	0.597	11.12
0.416	11.09	0.372	11.53	0.599	11.16
0.418	11.10	0.374	11.48	0.601	11.16
0.420	11.18	0.376	11.35	0.605	11.35
0.422	11.19	0.382	11.47	0.609	11.36
0.424	11.11	0.385	11.38	0.611	11.16
0.426	11.24	0.387	11.56		
0.428	11.16	0.389	11.35	2430266+	
0.430	11.20	0.391	11.33	0.442	11.78
0.441	11.37	0.393	11.48	0.444	11.57
0.445	11.33	0.395	11.51	0.446	11.66
0.447	11.37	0.397	11.32	0.448	11.75
0.449	11.39	0.403	11.45	0.451	11.59
0.453	11.33	0.405	11.55	0.455	11.69
0.455	11.25	0.412	11.45	0.457	11.73
0.457	11.41	0.414	11.41	0.459	11.58
0.459	11.33	0.416	11.45	0.461	11.57
0.461	11.32	0.418	11.45	0.463	11.60
0.468	11.26	0.520	11.48	0.465	11.68
0.470	11.25	0.522	11.38	0.467	11.57
0.472	11.43	0.524	11.43	0.469	11.72
0.474	11.23	0.526	11.27	0.471	11.62
0.476	11.37	0.528	11.25	0.473	11.57
0.478	11.40	0.530	11.30	0.476	11.64
0.480	11.37	0.532	11.25	0.478	11.63
0.482	11.54	0.535	11.30	0.480	11.65
0.484	11.51	0.537	11.23	0.482	11.50
0.486	11.36	0.543	11.15	0.484	11.60
0.488	11.26	0.545	11.30	0.486	11.54
0.491	11.45	0.547	11.48	0.488	11.54
0.493	11.35	0.549	11.40	0.490	11.52
0.495	11.53	0.551	11.18	0.492	11.54
0.497	11.39	0.555	11.48	0.494	11.52
0.499	11.34	0.557	11.29	0.496	11.52
0.501	11.54	0.560	11.32	0.498	11.51
0.505	11.49	0.562	11.39	0.501	11.45
0.507	11.45	0.564	11.27	0.503	11.66
0.509	11.37	0.571	11.30	0.507	11.48
0.511	11.38	0.573	11.20	0.509	11.60
		0.575	11.20	0.511	11.60
2430262+		0.578	11.35	0.513	11.55
0.357	11.45	0.585	11.17	0.515	11.55
0.359	11.46	0.587	11.30	0.517	11.62
0.362	11.36	0.589	11.39	0.519	11.68
0.364	11.44	0.591	11.37	0.521	11.68
0.366	11.41	0.593	11.32	0.523	11.59

Table II (cont.)

J.D.	m
2430266+	
0.526	11.52
0.528	11.58
0.530	11.64
0.532	11.58
0.534	11.38
0.536	11.48
0.538	11.62
0.540	11.56
0.542	11.53
0.546	11.49
0.551	11.49
0.553	11.60
0.555	11.70
0.557	11.70
0.559	11.58
0.561	11.52
0.563	11.62
0.565	11.60
0.567	11.56
0.569	11.43
0.571	11.67
0.576	11.58
0.578	11.59
0.580	11.76
0.582	11.71
0.584	11.55
0.586	11.70
0.588	11.63
0.590	11.70
0.594	11.54
0.596	11.62
0.598	11.62
0.601	11.79
0.603	11.57
0.605	11.49
0.607	11.74
0.609	11.54
0.611	11.78
0.613	11.65
0.615	11.62
0.617	11.78
0.619	11.64
0.621	11.68
0.623	11.56
0.626	11.57
0.628	11.78
0.632	11.62

J.D.	m
2430266+	
0.634	11.60
0.636	11.46
0.638	11.53
2430267+	
0.452	11.72
0.455	11.57
0.457	11.66
0.459	11.59
0.461	11.63
0.463	11.61
0.465	11.70
0.467	11.61
0.469	11.51
0.471	11.52
0.473	11.65
0.475	11.45
0.477	11.42
0.480	11.66
0.482	11.58
0.484	11.63
0.486	11.47
0.488	11.58
0.490	11.59
0.492	11.62
0.494	11.63
0.496	11.51
2430285+	
0.406	10.56
0.408	10.63
0.410	10.60
0.412	10.50
0.414	10.50
0.417	10.43
0.419	10.36
0.421	10.32
0.423	10.31
0.425	10.31
0.427	10.30
0.429	10.32
0.431	10.38
0.433	10.30
0.435	10.35
0.437	10.38
0.439	10.37
0.442	10.36

J.D.	m
2430285+	
0.444	10.39
0.446	10.40
0.448	10.32
0.452	10.41
0.454	10.35
2431684+	
0.367	10.63
0.369	10.82
0.371	10.71
0.373	10.74
0.375	10.97
0.377	10.80
0.379	10.73
0.381	10.89
0.384	10.96
0.386	10.90
0.388	10.93
0.392	10.94
0.396	10.80
0.404	10.98
0.407	11.10
0.409	10.94
0.411	10.90
0.418	11.10
2431695+	
0.311	11.58
0.313	11.45
0.316	11.42
0.318	11.67
0.320	11.65
0.322	11.56
0.324	11.58
0.328	11.43
0.330	11.65
0.334	11.46
0.336	11.54
0.342	11.53
0.345	11.75
0.349	11.66
0.357	11.60
0.359	11.52
0.361	11.50
0.363	11.54
0.366	11.38
0.368	11.67

Table II (cont.)

J.D.	m
2431695+	
0.372	11.70
0.374	11.60
0.376	11.53
0.378	11.64
0.382	11.52
0.384	11.51
0.386	11.55
0.393	11.66
0.395	11.64
0.403	11.40
0.405	11.47
0.407	11.70
0.409	11.78
0.411	11.60
0.426	11.64
0.435	11.45
0.437	11.64
0.439	11.48
0.448	11.63
0.450	11.70
0.452	11.50
0.463	11.72
0.465	11.72
0.479	11.50
0.481	11.54
0.485	11.54
0.489	11.46
0.491	11.50
2431703+	
0.466	11.16
0.468	11.22
0.470	11.07
0.472	11.13
0.474	11.20
0.476	11.34
0.481	11.25
0.483	11.33
0.485	11.38
0.487	11.25
0.489	11.23
0.491	11.26
0.493	11.31
0.495	11.17
0.497	11.39
0.499	11.46
0.501	11.07

J.D.	m
2431703+	
0.504	11.40
0.506	11.16
0.508	11.14
0.510	11.37
0.512	11.12
0.514	11.27
0.516	11.07
0.520	11.41
0.522	11.40
0.524	11.30
0.529	11.43
0.531	11.30
0.535	11.39
0.537	11.34
0.539	11.39
0.541	11.11
0.543	11.33
0.545	11.24
0.549	11.26
0.551	11.14
0.554	11.18
0.556	11.43
0.558	11.43
0.560	11.30
0.562	11.08
0.564	11.20
0.566	11.20
0.568	11.33
0.570	11.41
0.572	11.29
0.574	11.29
0.576	11.43
0.579	11.29
2431704+	
0.302	11.22
0.305	11.00
0.307	10.88
0.309	10.96
0.312	10.84
0.316	10.74
0.319	10.63
0.326	10.54
0.330	10.52
0.333	10.53
0.336	10.57
0.340	10.60

J.D.	m
2431704+	
0.343	10.59
0.354	10.57
0.357	10.63
0.368	10.61
0.371	10.63
0.375	10.66
0.378	10.67
0.385	10.71
0.389	10.75
0.392	10.87
0.395	10.80
0.400	10.82
0.406	10.91
0.409	10.92
0.413	10.83
0.416	10.76
0.420	10.91
0.423	10.89
0.427	11.00
0.430	11.09
0.434	11.17
0.437	11.06
0.468	11.18
0.472	11.16
0.475	11.21
0.479	11.10
0.482	11.23
0.486	11.40
0.489	11.29
0.493	11.41
0.496	11.33
0.500	11.43
0.503	11.50
0.507	11.29
0.510	11.41
0.513	11.40
0.517	11.56
0.520	11.43
0.524	11.45
0.527	11.47
0.531	11.46
0.534	11.57
0.536	11.70
0.538	11.50
0.541	11.50
0.543	11.38
0.545	11.52

Table II (cont.)

J.D.	m
2431704+	
0.547	11.53
0.549	11.53
0.551	11.51
0.553	11.56
0.555	11.56
0.557	11.53
0.559	11.57
0.561	11.63
0.563	11.77
0.566	11.65
0.568	11.55
0.570	11.70
0.572	11.72
0.574	11.66
0.576	11.80
2431707+	
0.333	11.43
0.335	11.57
0.338	11.70
0.340	11.48
0.342	11.58
0.344	11.51
0.346	11.44
0.348	11.50
0.350	11.53
0.352	11.56
0.356	11.42
0.359	11.60
0.363	11.49
0.366	11.41
0.369	11.55
0.373	11.47
0.376	11.40
0.380	11.41
0.383	11.51
0.387	11.43
0.394	11.57
0.397	11.43
0.404	11.33
0.408	11.43
0.411	11.25
0.415	11.47
0.418	11.49
0.422	11.48
0.425	11.48
0.429	11.43

J.D.	m
2431707+	
0.432	11.42
0.453	11.58
0.455	11.60
0.457	11.50
0.459	11.62
0.462	11.70
0.464	11.56
0.466	11.43
0.468	11.43
0.470	11.65
0.472	11.56
0.474	11.49
0.476	11.47
0.478	11.49
0.480	11.62
0.482	11.50
0.484	11.66
0.487	11.49
0.489	11.51
0.491	11.60
0.493	11.63
0.495	11.60
0.497	11.60
0.499	11.58
0.501	11.69
0.503	11.60
0.505	11.54
0.507	11.78
0.509	11.76
0.512	11.55
0.514	11.52
0.516	11.49
0.518	11.43
0.520	11.60
0.522	11.56
0.524	11.40
0.526	11.40
0.528	11.60
0.530	11.40
0.532	11.52
0.534	11.73
2432092+	
0.416	11.63
0.418	11.38
0.421	11.45
0.424	11.49

J.D.	m
2432092+	
0.427	11.41
0.429	11.53
0.432	11.46
0.435	11.65
0.441	11.42
0.475	11.40
0.477	11.33
0.480	11.40
0.483	11.29
0.486	11.27
0.488	11.11
0.491	11.27
0.494	11.20
0.500	11.31
0.533	10.97
0.538	10.97
0.541	11.06
2432094+	
0.461	11.59
0.464	11.64
0.466	11.63
0.469	11.55
0.472	11.61
0.475	11.62
0.483	11.55
0.486	11.67
0.489	11.55
0.491	11.54
0.494	11.51
0.497	11.62
0.500	11.67
0.502	11.55
0.505	11.67
0.510	11.62
0.514	11.76
0.516	11.50
2432095+	
0.397	11.32
0.400	11.21
0.403	11.39
0.405	11.28
0.408	11.50
0.411	11.30
0.414	11.31
0.416	11.44

Table II (cont.)

J.D.	m
2432095+	
0.419	11.36
0.422	11.42
0.459	11.38
2432097+	
0.391	11.58
0.394	11.72
0.398	11.60
0.401	11.51
0.405	11.70
0.408	11.69
0.412	11.63
0.415	11.64
0.419	11.59
0.422	11.74
0.470	11.67
0.473	11.59
0.476	11.51
0.479	11.71
0.482	11.63
0.487	11.76
0.493	11.75
0.496	11.83
0.526	11.40
0.531	11.43
0.534	11.62
0.537	11.75
0.540	11.80
2432421+	
0.395	11.45
0.398	11.45
0.401	11.33
0.404	11.60
0.430	11.45
0.433	11.60
0.436	11.66
0.439	11.65
0.454	11.69
0.459	11.65
0.462	11.80
0.504	11.80
0.507	11.75
2432441+	
0.394	11.49
0.399	11.60

J.D.	m
2432441+	
0.402	11.50
0.405	11.55
0.408	11.66
0.411	11.45
0.413	11.45
0.416	11.50
0.419	11.60
0.422	11.54
0.424	11.62
0.427	11.65
0.430	11.45
0.433	11.58
0.436	11.67
0.438	11.70
0.488	11.57
0.491	11.67
0.494	11.80
0.536	11.53
0.538	11.65
0.543	11.61
0.581	11.74
0.584	11.38
0.587	11.63
0.590	11.46
0.602	11.45
0.605	11.48
0.608	11.40
2432444+	
0.335	11.45
0.338	11.46
0.341	11.35
0.344	11.40
0.346	11.38
0.349	11.45
0.352	11.35
0.355	11.42
0.357	11.49
0.363	11.45
0.366	11.48
0.369	11.46
0.513	11.60
0.516	11.33
0.525	11.64
0.528	11.70
0.536	11.40
0.539	11.40

J.D.	m
2432444+	
0.546	11.54
0.549	11.47
0.557	11.55
0.559	11.55
0.571	11.60
0.573	11.49
0.585	11.62
0.588	11.58
0.591	11.50
2432466+	
0.276	11.48
0.279	11.56
0.282	11.60
0.285	11.42
0.287	11.38
0.308	11.60
0.311	11.50
0.317	11.36
0.319	11.46
0.360	11.52
0.362	11.60
0.365	11.58
0.368	11.50
0.404	11.70
2432467+	
0.248	11.70
0.251	11.56
0.254	11.70
0.257	11.66
0.259	11.60
0.290	11.49
0.294	11.45
0.297	11.55
0.326	11.43
0.329	11.26
0.332	10.92
0.334	11.11
0.337	11.05
0.347	10.63
0.350	10.30
0.352	10.33
0.355	10.40
0.358	10.32
0.361	10.26
0.364	10.24

Table II (cont.)

J.D.	m
2432467+	
0.366	10.21
0.422	10.40
0.425	10.49
0.427	10.29
0.430	10.52
0.433	10.60
0.439	10.62
0.441	10.60
0.444	10.60
0.447	10.60
0.450	10.74
0.452	10.60
0.455	10.60
0.458	10.60
0.461	10.80
2432469+	
0.435	11.33
0.438	11.13
0.441	11.20
0.444	10.99
0.447	11.08
0.449	10.91
0.452	10.93
0.455	10.61
0.458	10.75
0.460	10.66
0.463	10.47
0.466	10.49
0.469	10.23
0.472	10.50
0.474	10.22
0.477	10.18
0.480	10.21
0.484	10.25
0.487	10.22
0.490	10.20
0.492	10.22
0.495	10.20
0.498	10.18
0.501	10.20
0.504	10.25
0.506	10.30
0.509	10.33
0.512	10.28
0.515	10.36
0.517	10.43

J.D.	m
2432469+	
0.520	10.38
0.523	10.39
0.526	10.41
0.529	10.46
0.531	10.53
0.534	10.47
0.537	10.50
0.540	10.51
0.542	10.56
0.545	10.62
2432472+	
0.287	11.29
0.290	11.26
0.293	11.13
0.295	11.32
0.298	11.27
0.304	11.33
0.306	11.23
0.309	11.26
0.312	11.24
0.315	11.34
0.318	11.29
0.320	11.20
0.324	11.32
0.329	11.25
0.331	11.28
2432474+	
0.418	11.39
0.420	11.39
0.423	11.39
0.426	11.44
0.429	11.30
0.431	11.45
0.434	11.40
0.437	11.38
0.443	11.37
0.445	11.30
0.448	11.35
0.451	11.30
0.454	11.42
0.456	11.34
0.459	11.32
0.462	11.34
0.465	11.26
0.467	11.30

J.D.	m
2432474+	
0.470	11.40
0.473	11.19
0.476	11.32
0.481	11.20
0.484	11.35
0.493	11.20
0.495	11.20
0.498	11.23
0.501	11.20
0.504	11.20
0.506	11.25
0.509	11.20
0.512	11.20
0.515	11.33
0.517	11.38
0.520	11.27
0.523	11.20
0.526	11.28
0.529	11.28
0.531	11.21
0.534	11.20
0.537	11.22
2432479+	
0.388	11.38
0.391	11.48
0.394	11.33
0.397	11.28
0.399	11.40
0.402	11.38
0.405	11.36
0.408	11.38
0.410	11.33
0.413	11.21
0.416	11.26
0.419	11.20
0.422	11.24
0.424	11.23
0.427	11.24
0.430	11.20
0.433	11.20
0.435	11.15
0.438	11.18
0.442	11.14
0.445	11.12
0.448	10.81
0.451	10.95

Table II (cont.)

J.D.	m
2432479+	
0.454	10.91
0.456	10.95
0.459	10.73
0.462	10.75
0.465	10.67
0.467	10.50
0.470	10.60
0.473	10.66
0.476	10.60
0.479	10.50
0.481	10.48
0.484	10.57
0.487	10.49
0.490	10.50
2432482+	
0.258	11.16
0.261	11.08
0.264	11.12
0.266	11.15
0.269	11.12
0.272	11.30
0.275	11.30
0.278	11.30
0.280	11.32
0.283	11.31
0.286	11.15
0.289	11.16
2432761+	
0.400	11.50
0.402	1.32
0.406	11.54
0.409	11.38
0.412	11.32
0.415	11.51
0.418	11.55
0.420	11.38
0.423	11.45
0.426	11.45
2432764+	
0.420	11.80
0.423	11.67
0.429	11.53
0.434	11.45
0.440	11.57

J.D.	m
2432764+	
0.442	11.52
0.451	11.71
0.474	11.52
0.477	11.50
0.479	11.58
0.482	11.52
0.485	11.51
0.488	11.51
2432772+	
0.367	11.51
0.370	11.63
0.375	11.43
0.378	11.41
0.381	11.41
0.383	11.57
0.386	11.46
0.389	11.40
0.392	11.44
0.395	11.45
0.397	11.53
0.400	11.36
0.403	11.45
0.406	11.50
0.408	11.61
0.411	11.46
0.414	11.43
0.417	11.52
0.420	11.39
0.422	11.39
0.425	11.38
0.428	11.37
0.431	11.32
0.436	11.22
0.439	11.23
0.442	11.34
0.445	11.36
0.447	11.20
0.450	11.21
0.453	11.35
0.456	11.23
0.461	11.27
2432823+	
0.321	11.70
0.324	11.68
0.327	11.64

J.D.	m
2432823+	
0.330	11.58
0.335	11.48
0.340	11.58
0.346	11.66
0.349	11.56
0.352	11.61
0.357	11.66
0.360	11.78
0.363	11.71
0.366	11.57
2432824+	
0.362	11.45
0.364	11.50
0.367	11.34
0.370	11.38
0.373	11.40
0.375	11.30
0.378	11.08
0.381	11.13
0.384	11.29
0.387	11.27
0.389	11.11
0.404	10.77
0.407	10.55
0.409	10.60
0.412	10.30
0.415	10.32
0.418	10.22
0.421	10.23
0.423	10.20
0.426	10.20
0.429	10.20
0.434	10.12
0.437	10.26
0.440	10.21
0.446	10.28
0.451	10.29
0.454	10.27
0.457	10.29
0.459	10.29
0.462	10.31
0.465	10.34
0.468	10.35
0.471	10.39
0.473	10.41

Table II (cont.)

J.D.	m
2432826+	
0.406	11.38
0.409	11.33
0.421	11.47
0.453	11.71
0.456	11.68
0.459	11.55
0.464	11.55
0.467	11.67
0.470	11.43
0.473	11.43
0.475	11.40
0.479	11.45
0.481	11.60
2432829+	
0.247	11.30
0.250	11.24
0.253	11.25
0.256	11.24
0.258	11.20
0.261	11.15
0.264	11.09
0.267	11.20
0.269	11.15
0.272	11.25
0.275	11.06
0.278	11.09
0.280	11.16
0.283	11.15
0.286	11.21
0.289	11.21
0.291	11.33
0.294	11.35
0.299	11.29
0.302	11.23
0.305	11.11
0.307	11.29
0.310	11.25
0.313	11.37
0.316	11.27
0.319	11.20
0.321	11.37
0.324	11.27
0.327	11.23
0.330	11.01
0.332	11.11
0.335	11.09

J.D.	m
2432829+	
0.338	11.13
0.346	11.22
0.348	11.08
0.351	11.11
0.354	11.27
0.357	11.08
0.360	11.18
0.365	11.33
0.368	11.23
0.371	11.20
0.373	11.35
2433075+	
0.420	10.97
0.423	10.83
0.425	10.88
0.428	10.75
0.431	10.74
0.434	10.53
0.441	10.30
0.443	10.39
0.446	10.47
0.449	10.34
0.452	10.24
0.455	10.25
0.461	10.35
0.464	10.33
0.467	10.47
0.470	10.40
0.473	10.42
0.475	10.42
2433085+	
0.419	10.53
0.422	10.49
0.425	10.54
0.428	10.41
0.430	10.35
0.433	10.25
0.436	10.25
0.439	10.23
0.441	10.18
0.444	10.27
0.447	10.18
0.450	10.24
0.453	10.17
0.455	10.18

J.D.	m
2433085+	
0.458	10.23
0.461	10.25
0.466	10.23
0.469	10.29
0.472	10.30
0.475	10.27
0.478	10.33
0.480	10.28
0.483	10.35
0.486	10.38
0.489	10.43
0.493	10.43
0.497	10.42
2433094+	
0.388	11.45
0.391	11.45
0.393	11.52
0.396	11.42
0.399	11.50
0.402	11.40
0.404	11.50
0.407	11.45
0.410	11.45
0.416	11.45
0.418	11.42
0.421	11.54
2433095+	
0.365	11.27
0.368	11.23
0.370	11.42
0.373	11.10
0.376	11.34
0.379	11.20
0.382	11.29
0.385	11.20
0.388	11.20
0.390	11.05
0.393	11.10
0.396	11.01
0.399	11.03
0.401	10.95
0.404	11.02
0.407	10.87
0.410	11.03
0.417	10.80

Table II (cont.)

J.D.	m
2433095+	
0.420	10.87
0.423	10.65
0.448	10.68
0.451	10.64
0.454	10.69
0.456	10.60
0.459	10.65
0.462	10.71
0.464	10.77
0.467	10.65
0.473	10.75
0.476	10.80
0.479	10.69
0.481	10.75
0.484	10.80
0.487	10.85
0.490	10.75
0.492	10.85
0.495	10.88
2433097+	
0.460	11.25
0.463	11.17
0.466	11.27
0.469	11.10
0.472	11.23
0.474	11.33
0.477	11.13
0.480	11.20
0.483	11.00
0.486	11.15
0.488	11.05
0.491	11.07
0.497	11.25
0.499	11.13
0.502	11.15
0.505	11.16
0.507	11.17
0.510	11.11
0.518	10.91
0.523	10.98
0.526	10.93
0.529	10.97
0.531	10.80
2433112+	
0.349	11.20
0.352	11.18
0.355	11.26
0.357	11.20
0.360	11.18
0.363	11.05
0.366	11.27
0.369	11.20
0.371	11.20
0.374	11.23
0.377	11.33
0.380	11.15
0.382	11.11
0.385	11.06
0.391	11.03
0.394	11.13
0.399	11.19
0.413	11.20
0.418	11.33
0.421	11.25
0.424	11.29
0.427	11.10
0.429	11.30
0.432	11.28
0.435	11.14
0.438	11.09
0.441	11.35
0.444	11.25
0.446	11.30
0.456	11.20
0.459	11.30
0.465	11.24
0.471	11.23
0.475	11.20
2433124+	
0.342	11.38
0.345	11.41
0.350	11.37
0.353	11.33
0.356	11.42
0.358	11.29
0.361	11.39
0.364	11.31
0.367	11.45
0.370	11.37
0.372	11.27
0.375	11.27
0.378	11.37
0.381	11.51
0.386	11.48
0.389	11.33
0.392	11.23
0.395	11.36
0.397	11.34
0.400	11.33
0.406	11.33
0.408	11.32
0.411	11.39
0.417	11.24
0.420	11.29
0.422	11.23
0.425	11.14
0.428	11.38
0.431	11.15
0.433	11.20
0.436	11.34
0.439	11.25
0.445	11.27
0.449	11.25
0.453	11.23
0.456	11.25
0.458	11.18
0.461	11.25
0.464	11.18
0.467	11.35
0.470	11.29
0.492	11.47
0.495	11.33
0.515	11.38
0.519	11.35
2433126+	
0.411	11.53
0.414	11.41
0.417	11.61
0.419	11.21
0.425	11.45
0.428	11.45
0.431	11.43
0.433	11.45
0.436	11.64
0.442	11.58
0.444	11.65
0.447	11.36

Table II (cont.)

J.D.	m
2433126+	
0.450	11.58
0.458	11.35
0.477	11.15
0.480	11.30
0.483	11.25
0.485	11.07
0.488	11.20
0.491	11.22
0.494	11.10
0.498	11.18
0.502	11.20
0.505	11.20
0.508	11.19
0.511	11.17
0.513	11.13
0.516	11.25
0.519	11.22
0.522	11.04
0.524	11.17
0.530	11.02
2433134+	
0.348	11.32
0.350	11.18
0.353	11.20
0.356	11.12
0.359	11.10
0.362	11.10
0.364	11.00
0.367	11.11
0.370	11.15
0.373	11.14
0.375	10.80
0.378	10.90
0.399	10.93
0.402	11.00
0.405	10.90
0.407	10.93
0.410	10.86
0.413	10.87
0.416	11.09
0.419	11.18
0.421	11.05
0.424	11.10
0.427	11.06
0.430	11.03
0.443	10.87

J.D.	m
2433134+	
0.446	10.94
0.448	11.12
0.451	11.00
0.459	10.97
0.462	11.06
0.465	11.11
0.468	11.16
0.471	11.19
0.473	11.19
0.476	11.10
0.479	11.11
0.482	11.18
0.489	11.24
0.492	11.24
0.494	11.35
0.497	11.29
0.500	11.22
0.503	11.35
0.506	11.14
0.508	11.30
0.519	11.48
0.524	11.24
0.528	11.28
0.540	11.36
0.543	11.22
0.554	11.40
0.557	11.29
2433149+	
0.379	11.52
0.383	11.56
0.387	11.58
0.390	11.49
0.393	11.46
0.395	11.60
0.398	11.53
0.401	11.60
0.404	11.52
0.406	11.55
0.409	11.35
0.412	11.48
0.415	11.36
0.419	11.46
0.423	11.43
0.426	11.40
0.434	11.30
0.437	11.26

J.D.	m
2433149+	
0.440	11.27
0.443	11.12
0.445	10.86
0.448	10.83
0.451	10.87
0.454	10.65
0.456	10.60
0.459	10.56
0.462	10.39
0.465	10.29
0.468	10.37
0.470	10.27
0.473	10.21
0.476	10.23
0.479	10.26
0.481	10.25
0.493	10.18
0.496	10.28
0.499	10.22
0.502	10.22
0.504	10.25
0.507	10.31
0.510	10.27
0.513	10.28
0.515	10.40
0.518	10.34
0.521	10.44
0.524	10.52
0.527	10.34
0.529	10.59
0.532	10.43
0.535	10.51
0.538	10.57
0.540	10.66
0.543	10.57
0.546	10.65
0.549	10.59
0.552	10.73
0.554	10.67
0.557	10.73
2433161+	
0.477	11.50
0.479	11.49
0.482	11.49
0.485	11.55
0.488	11.45

Table II (cont.)

J.D.	m
2433161+	
0.491	11.49
0.493	11.32
0.499	11.57
0.502	11.48
0.504	11.51
0.507	11.45
0.510	11.45
0.513	11.50
0.516	11.31
0.532	11.17
0.535	11.24
0.539	11.21
0.543	11.09
0.546	11.16
0.550	11.13
0.554	11.09
0.560	11.10
0.563	11.00
0.566	10.83
0.568	11.04
0.571	10.73
0.574	10.57
0.577	10.80
0.579	10.57
0.582	10.52
0.585	10.61
0.588	10.50
0.591	10.40
0.593	10.49
0.596	10.53
0.599	10.45
0.602	10.48
0.604	10.54
0.609	10.46
2433179+	
0.283	11.50
0.286	11.51
2433183+	
0.529	11.53
0.532	11.50
0.534	11.56
0.537	11.51
0.540	11.48
0.543	11.53
0.545	11.42
2433183+	
0.548	11.41
0.551	11.32
0.554	11.42
0.556	11.36
0.559	11.41
0.562	11.32
0.565	11.32
0.569	10.98
0.573	10.92
0.576	10.85
0.579	10.62
0.581	10.52
0.584	10.54
0.587	10.36
0.590	10.32
0.594	10.32
0.598	10.24
0.601	10.21
0.604	10.20
0.606	10.21
0.609	10.19
0.612	10.16
0.615	10.23
0.618	10.22
2433184+	
0.253	10.93
0.258	10.91
0.261	10.88
0.264	10.92
0.267	10.91
0.270	10.95
0.272	11.04
0.275	10.92
0.278	11.03
0.281	10.86
0.283	10.80
0.290	11.03
0.293	11.00
0.298	11.08
0.301	10.94
0.304	11.03
0.309	11.03
0.315	11.20
0.318	11.09
0.320	11.20
0.323	11.13
2433184+	
0.331	11.13
0.334	11.17
0.337	11.20
0.340	11.22
0.343	11.24
0.345	11.30
0.348	11.20
0.351	11.29
0.354	11.20
2433189+	
0.255	11.30
0.258	11.46
0.261	11.46
0.263	11.24
0.266	11.33
0.269	11.33
0.272	11.46
0.283	11.42
0.286	11.40
0.291	11.45
0.294	11.41
0.297	11.40
0.300	11.48
0.302	11.36
0.305	11.45
0.308	11.43
0.311	11.25
0.313	11.41
0.316	11.38
0.319	11.35
0.325	11.24
0.327	11.07
0.330	11.23
0.333	11.17
0.336	11.02
0.338	11.13
0.341	11.20
0.344	11.17
0.347	11.01
0.350	11.09
0.352	11.10
0.355	11.16
0.358	11.01
0.361	10.94
0.366	10.91
0.369	11.03

Table II (cont.)

J.D.	m
2433189+	
0.374	10.87
2433201+	
0.311	11.40
0.313	11.45
0.316	11.07
0.319	11.23
0.322	11.37
0.325	11.11
0.327	11.18
0.330	11.22
2433211+	
0.290	11.64
0.293	11.47
0.295	11.48
0.298	11.36
0.301	11.50
0.304	11.54
0.306	11.59
0.309	11.40
0.315	11.51
0.318	11.58
0.320	11.68
0.323	11.61
0.326	11.59
0.338	11.22
0.341	11.28
0.344	11.35
0.347	11.27
0.349	11.30
0.355	11.25
0.358	11.20
0.361	11.20
0.363	11.17
0.366	11.13
0.369	10.97
0.372	10.97
0.376	10.90
0.383	10.83
0.386	10.73
0.388	10.74
0.391	10.65
0.394	10.62
0.397	10.55
0.399	10.60
0.402	10.66

J.D.	m
2433211+	
0.405	10.50
0.408	10.56
0.411	10.46
0.413	10.63
0.416	10.53
2433213+	
0.422	11.53
0.425	11.56
0.428	11.52
0.431	11.46
0.433	11.53
0.436	11.49
0.443	11.43
0.447	11.53
0.450	11.50
0.454	11.33
0.458	11.36
0.463	11.20
0.467	11.20
0.469	11.18
0.478	11.11
0.481	10.93
0.483	10.74
0.486	10.78
0.489	10.85
0.492	10.77
0.494	10.77
0.497	10.60
0.500	10.50
0.503	10.57
0.506	10.43
0.508	10.45
0.511	10.45
0.514	10.37
0.517	10.50
0.519	10.47
0.522	10.42
0.525	10.33
0.528	10.34
0.531	10.38
0.533	10.40
0.536	10.44
0.539	10.49
0.542	10.49
0.544	10.54

J.D.	m
2433248+	
0.244	11.29
0.248	11.25
0.253	11.19
0.255	10.99
0.258	11.04
0.261	11.07
0.264	11.09
0.266	11.11
0.272	11.02
0.275	10.89
0.278	10.84
0.280	10.85
0.283	10.88
0.286	10.80
0.289	10.80
0.291	10.75
2433452+	
0.429	11.14
0.432	11.10
0.435	11.13
0.438	11.10
0.440	11.11
0.443	11.01
0.446	11.13
0.449	11.24
0.451	11.12
0.454	11.08
0.457	11.20
0.459	11.16
0.463	11.03
0.465	11.01
0.468	11.02
0.471	11.08
0.474	10.98
0.476	11.07
0.479	10.91
0.482	10.97
0.486	10.84
0.491	10.89
0.494	10.91
0.497	10.85
0.499	10.90
0.502	10.90
0.505	10.74
0.508	10.86
0.510	10.87

Table II (cont.)

J.D.	m
2433452+	
0.516	10.79
0.519	10.69
0.522	10.80
0.524	10.73
0.527	10.88
0.530	10.88
0.533	10.84
2433482+	
0.340	11.28
0.343	11.14
0.346	11.23
0.349	11.20
0.351	11.17
0.354	11.21
0.360	11.17
0.363	11.22
0.365	11.19
0.370	11.20
2433484+	
0.353	11.39
0.355	11.51
0.358	11.42
0.361	11.43
0.365	11.41
0.365	11.41
0.372	11.51
0.375	11.39
0.380	11.55
0.383	11.55
0.386	11.33
0.388	11.40
0.391	11.35
0.394	11.43
0.397	11.26
0.399	11.38
0.403	11.37
0.408	11.23
0.411	11.36
0.413	11.38
0.416	11.42
0.422	11.40
0.424	11.48
0.427	11.40
0.430	11.31
0.433	11.48

J.D.	m
2433484+	
0.436	11.56
0.438	11.36
0.441	11.31
0.444	11.42
0.447	11.47
0.449	11.47
0.452	11.50
0.455	11.41
0.458	11.36
0.461	11.29
0.463	11.32
0.468	11.33
0.473	11.28
0.477	11.27
0.480	11.10
0.483	11.03
0.486	11.10
0.488	11.00
0.491	11.01
0.495	11.15
0.498	11.00
0.501	11.04
0.504	11.06
0.506	10.98
0.509	11.02
0.512	10.91
0.515	10.87
0.518	10.95
0.520	10.93
0.523	10.93
0.526	10.80
0.529	10.66
0.531	10.79
0.534	10.85
0.540	10.80
0.543	10.81
0.545	10.64
0.548	10.60
0.551	10.75
0.554	10.75
2433485+	
0.355	11.60
0.358	11.43
0.361	11.65
0.363	11.57
0.366	11.73

J.D.	m
2433485+	
0.369	11.72
0.372	11.73
0.375	11.59
0.377	11.69
0.383	11.69
0.388	11.74
0.391	11.70
0.397	11.67
0.400	11.69
0.402	11.68
0.405	11.79
0.411	11.61
0.413	11.66
0.419	11.68
0.422	11.80
0.425	11.61
0.441	11.72
0.444	11.73
0.447	11.80
0.450	11.73
0.452	11.80
0.455	11.75
0.459	11.75
0.481	11.76
0.502	11.77
0.504	11.65
0.507	11.82
0.510	11.62
0.513	11.62
0.516	11.65
0.520	11.43
0.523	11.63
0.526	11.52
0.529	11.43
0.532	11.53
0.534	11.38
0.537	11.39
0.540	11.35
0.543	11.26
0.545	11.44
0.548	11.35
0.551	11.30
0.557	11.37
0.559	11.46
2433504+	
0.393	11.15

Table II (cont.)

J.D.	m
2433504+	
0.395	11.32
0.398	11.04
0.401	11.06
0.404	11.05
0.409	10.87
0.412	10.90
0.415	10.88
0.418	10.74
0.421	10.77
0.423	10.72
0.426	10.61
0.429	10.67
0.432	10.50
0.434	10.51
0.437	10.60
0.440	10.62
0.443	10.63
0.445	10.62
0.448	10.52
0.451	10.50
0.454	10.63
2433505+	
0.345	11.71
0.347	11.57
0.350	11.63
0.353	11.73
0.356	11.75
0.359	11.65
0.361	11.78
0.364	11.77
0.367	11.78
0.371	11.76
0.375	11.80
0.378	11.67
0.381	11.78
0.384	11.74
0.386	11.71
0.389	11.77
0.392	11.63
0.395	11.75
0.397	11.77
0.400	11.72
0.406	11.59
0.415	11.62
0.418	11.73
0.420	11.71

J.D.	m
2433505+	
0.423	11.88
0.426	11.67
0.429	11.77
0.432	11.73
0.434	11.74
0.437	11.76
0.440	11.73
0.443	11.61
0.445	11.70
0.448	11.80
0.454	11.72
0.457	11.73
0.459	11.70
0.462	11.79
0.465	11.60
0.468	11.70
0.470	11.60
0.473	11.62
0.476	11.66
0.479	11.73
0.482	11.75
0.484	11.72
0.487	11.80
0.490	11.55
0.525	11.75
0.530	11.62
0.533	11.62
0.536	11.56
0.538	11.53
0.541	11.60
0.552	11.65
0.557	11.77
0.559	11.77
0.562	11.65
0.565	11.70
0.568	11.62
0.570	11.57
0.573	11.54
0.576	11.62
0.579	11.50
0.582	11.62
0.584	11.67
0.587	11.60
0.590	11.50
2433506+	
0.434	11.48

J.D.	m
2433506+	
0.437	11.62
0.440	11.53
0.443	11.51
0.518	10.76
0.520	10.71
0.523	10.67
0.526	10.53
0.529	10.72
0.532	10.60
0.534	10.54
0.537	10.55
0.540	10.40
0.543	10.26
0.545	10.33
0.548	10.39
0.551	10.40
0.554	10.36
0.558	10.32
0.562	10.38
0.565	10.40
0.568	10.42
0.570	10.49
0.573	10.40
0.576	10.50
0.579	10.41
0.582	10.58
0.584	10.63
0.587	10.50
2433507+	
0.354	11.26
0.357	11.23
0.359	11.23
0.362	11.43
0.365	11.23
0.368	11.30
0.370	11.32
0.373	11.50
0.376	11.33
0.379	11.45
0.382	11.58
0.387	11.42
0.391	11.35
0.395	11.54
0.398	11.41
0.401	11.44
0.404	11.40

Table II (cont.)

J.D.	m	J.D.	m	J.D.	m
2433507+		2433507+		2433511+	
0.407	11.25	0.579	11.68	0.504	11.10
0.409	11.42	0.585	11.52	0.507	11.03
0.412	11.47	0.588	11.65		
0.415	10.92	0.591	11.77	2433514+	
0.420	11.40			0.340	11.34
0.434	11.36	2433511+		0.343	11.22
0.437	11.55	0.373	11.20	0.346	11.23
0.440	11.68	0.379	11.20	0.348	11.40
0.443	11.51	0.382	11.00	0.351	11.34
0.445	11.53	0.384	11.15	0.354	11.13
0.448	11.52	0.387	11.18	0.357	11.22
0.451	11.56	0.390	11.04	0.359	11.30
0.454	11.66	0.393	11.17	0.362	11.23
0.458	11.59	0.395	11.13	0.365	11.16
0.462	11.70	0.398	11.09	0.368	11.18
0.465	11.57	0.401	11.15	0.371	11.26
0.468	11.62	0.404	11.09	0.373	11.18
0.473	11.60	0.407	11.01	0.376	11.34
0.476	11.64	0.409	11.13	0.379	11.20
0.479	11.65	0.412	11.07	0.382	11.24
0.482	11.63	0.415	11.20	0.384	11.20
0.484	11.49	0.418	11.10	0.389	11.18
0.487	11.69	0.421	11.12	0.393	11.20
0.490	11.65	0.423	11.12	0.396	11.09
0.493	11.60	0.426	11.13	0.398	11.05
0.495	11.67	0.429	11.13	0.401	11.11
0.498	11.62	0.437	11.07	0.404	11.12
0.501	11.62	0.440	11.04	0.407	11.01
0.504	11.61	0.443	11.11	0.423	11.12
0.524	11.64	0.446	11.01	0.426	11.06
0.527	11.64	0.448	11.06	0.429	11.08
0.529	11.73	0.451	11.00	0.432	10.99
0.535	11.60	0.454	11.13	0.434	10.97
0.538	11.58	0.460	11.09	0.437	10.87
0.541	11.46	0.465	11.08	0.440	10.92
0.543	11.63	0.468	11.16	0.443	10.89
0.546	11.67	0.470	11.10	0.446	10.96
0.549	11.52	0.473	11.02	0.448	10.90
0.552	11.68	0.476	11.18	0.451	10.85
0.554	11.70	0.479	11.13	0.454	10.84
0.557	11.60	0.482	11.21	0.457	10.90
0.563	11.73	0.484	11.06	0.459	10.97
0.566	11.66	0.489	11.11	0.462	10.95
0.568	11.62	0.493	11.10	0.465	10.88
0.571	11.76	0.495	11.17	0.468	11.03
0.574	11.55	0.498	11.09	0.471	11.02
0.577	11.60	0.501	11.15	0.473	11.00

Table II (cont.)

J.D.	m
2433514+	
0.476	11.01
0.479	11.00
0.482	11.00
0.484	10.99
0.487	11.00
0.490	11.03
0.493	10.98
0.496	11.00
0.498	11.08
2433516+	
0.464	11.25
0.466	11.37
0.469	11.30
0.472	11.33
0.475	11.35
0.478	11.30
0.483	11.40
0.486	11.35
0.489	11.27
0.491	11.30
0.494	11.27
0.497	11.20
0.503	11.23
0.505	11.18
0.508	11.21
0.511	11.24
0.514	11.16
0.516	11.12
0.519	11.09
0.522	11.09
0.525	11.06
0.537	10.98
0.543	11.04
0.545	10.97
0.548	10.82
0.551	10.83
0.557	10.88
0.560	10.78
0.568	10.98
0.571	10.80
0.573	10.97
2433536+	
0.321	11.62
0.324	11.48
0.327	11.48

J.D.	m
2433536+	
0.330	11.45
0.332	11.43
0.335	11.50
0.338	11.54
0.344	11.43
0.346	11.51
0.349	11.50
0.352	11.56
0.355	11.43
0.357	11.52
0.360	11.52
0.363	11.35
0.366	11.43
0.369	11.48
0.380	11.22
0.382	11.32
0.385	11.34
0.388	11.27
0.391	11.34
0.394	11.14
0.396	11.22
0.399	11.25
0.402	11.12
0.405	11.02
0.407	11.19
0.410	11.14
0.416	10.90
0.421	10.97
0.424	11.04
0.432	10.92
0.435	10.87
0.438	10.90
0.441	10.90
0.444	10.84
0.446	10.62
0.449	10.80
0.452	10.71
0.455	10.87
0.458	10.74
0.461	10.80
0.463	10.68
0.466	10.65
0.469	10.68
0.471	10.69
0.482	10.63
0.486	10.74
0.491	10.80

J.D.	m
2433536+	
0.494	10.83
0.496	10.91
0.499	10.85
0.502	10.82
0.505	10.78
0.507	10.83
0.510	10.74
0.513	10.92
0.516	10.90
0.519	10.86
0.521	10.97
0.524	11.07
0.527	11.02
0.530	10.88
0.532	10.90
2433537+	
0.414	11.77
0.417	11.80
0.423	11.71
0.426	11.78
0.428	11.75
0.431	11.74
0.434	11.77
0.437	11.84
0.438	11.79
0.441	11.78
0.444	11.72
0.446	11.68
0.449	11.72
0.452	11.72
0.455	11.75
0.464	11.74
0.467	11.71
0.470	11.79
0.473	11.79
0.476	11.79
0.479	11.83
0.481	11.79
0.484	11.79
0.487	11.72
0.489	11.73
0.492	11.82
0.495	11.68
0.498	11.60
0.501	11.60
0.503	11.69

Table II (cont.)

J.D.	m
2433537+	
0.506	11.74
0.509	11.70
0.512	11.71
0.519	11.73
0.521	11.76
0.524	11.78
0.527	11.71
0.530	11.61
0.532	11.71
0.535	11.64
0.538	11.75
0.541	11.75
0.544	11.67
0.546	11.65
0.549	11.64
0.552	11.62
0.555	11.65
0.557	11.59
0.560	11.67
0.563	11.73
0.579	11.58
0.582	11.64
0.585	11.64
0.588	11.57
0.591	11.55
0.594	11.47
0.596	11.51
0.599	11.50
0.602	11.52
0.605	11.46
0.607	11.62
0.610	11.50
0.613	11.46
0.616	11.38
0.619	11.55
0.621	11.41
0.624	11.25
0.627	11.33
0.630	11.38
2433538+	
0.501	11.34
0.504	11.28
0.507	11.28
0.509	11.09
0.512	11.20
0.515	11.17
2433538+	
0.517	11.15
0.520	11.20
0.523	11.12
0.526	11.02
0.529	11.05
0.531	10.91
0.534	10.90
0.537	10.70
0.540	10.85
0.542	10.72
0.545	10.70
0.548	10.63
0.554	10.46
0.556	10.45
0.559	10.46
0.562	10.43
0.565	10.55
0.567	10.58
0.574	10.62
0.577	10.56
0.580	10.59
0.583	10.40
0.585	10.50
0.588	10.54
0.594	10.40
0.597	10.60
0.599	10.56
0.602	10.52
0.605	10.52
0.608	10.53
0.610	10.61
0.613	10.68
0.616	10.76
0.619	10.78
0.622	10.71
0.624	10.71
0.627	10.79
0.630	10.66
2433545+	
0.327	11.73
0.329	11.70
0.332	11.77
0.336	11.68
0.340	11.75
0.346	11.69
0.349	11.68
2433545+	
0.352	11.70
2433562+	
0.227	11.27
0.230	11.38
0.233	11.37
0.236	11.24
0.238	11.29
0.241	11.42
0.244	11.22
0.247	11.26
0.250	11.36
0.252	11.40
0.255	11.39
0.258	11.41
0.261	11.63
0.263	11.43
0.266	11.30
0.269	11.26
0.272	11.28
0.275	11.49
0.277	11.46
0.280	11.43
2433563+	
0.227	11.66
0.230	11.51
0.233	11.66
0.236	11.80
0.238	11.65
0.241	11.76
0.244	11.60
0.250	11.60
0.252	11.50
0.255	11.51
0.258	11.69
0.261	11.65
0.263	11.51
0.266	11.55
0.269	11.70
0.272	11.60
0.275	11.66
0.277	11.57
0.283	11.42
0.286	11.40
0.288	11.50
0.291	11.40

Table II (cont.)

J.D.	m	J.D.	m	J.D.	m
2433563+		2433563+		2433564+	
0.294	11.38	0.438	10.89	0.308	11.20
0.297	11.30	0.441	10.94	0.311	11.13
0.300	11.38	0.444	10.95	0.313	11.11
0.302	11.33	0.447	10.92	0.316	11.32
0.305	11.25	0.450	11.01	0.319	11.12
0.308	11.23	0.452	11.11	0.322	11.20
0.311	11.32	0.461	10.96	0.325	11.33
0.313	11.12	0.463	11.01	0.327	11.27
0.316	11.05	0.466	10.97	0.330	11.28
0.319	10.90	0.469	11.09	0.333	11.37
0.322	11.00	0.472	10.97	0.336	11.37
0.325	10.73	0.475	11.07	0.338	11.22
0.327	10.72	0.477	11.20	0.341	11.22
0.330	10.60	0.480	11.18	0.347	11.29
0.333	10.70	0.483	11.23	0.350	11.15
0.338	10.60	0.486	11.15	0.352	11.22
0.341	10.63	0.488	11.28	0.363	11.42
0.344	10.40	0.490	11.16	0.366	11.37
0.347	10.36	0.494	11.16	0.369	11.43
0.350	10.42	0.497	11.27	0.372	11.27
0.352	10.26	0.500	11.23	0.375	11.53
0.355	10.28	0.502	11.27	0.377	11.41
0.358	10.20	0.505	11.25	0.380	11.30
0.361	10.30	0.508	11.32	0.383	11.46
0.363	10.37	0.511	11.26	0.386	11.50
0.366	10.33	0.513	11.30	0.388	11.33
0.369	10.42			0.391	11.50
0.372	10.48	2433564+		0.427	11.52
0.375	10.32	0.241	11.36	0.430	11.41
0.377	10.42	0.244	11.38	0.433	11.48
0.380	10.32	0.247	11.33	0.436	11.50
0.383	10.25	0.250	11.28	0.438	11.46
0.386	10.38	0.252	11.36	0.441	11.41
0.400	10.60	0.255	11.33	0.444	11.34
0.402	10.63	0.258	11.50	0.449	11.51
0.406	10.66	0.261	11.36	0.452	11.52
0.408	10.68	0.275	11.22	0.455	11.50
0.411	10.72	0.277	11.28	0.458	11.38
0.413	10.63	0.280	11.30	0.461	11.48
0.416	10.55	0.283	11.22	0.463	11.62
0.419	10.78	0.286	11.26	0.466	11.51
0.422	10.83	0.288	11.28	0.469	11.62
0.425	10.86	0.291	11.26	0.472	11.54
0.427	10.92	0.294	11.29	0.475	11.58
0.430	10.86	0.297	11.25	0.477	11.62
0.433	10.84	0.302	11.26	0.480	11.39
0.436	10.90	0.305	11.18	0.483	11.52

Table II (cont.)

J.D.	m
2433564+	
0.486	11.43
0.488	11.49
0.491	11.52
0.494	11.47
0.497	11.57
0.500	11.54
0.502	11.51
2433566+	
0.350	11.22
0.352	11.21
0.355	11.22
0.361	11.20
0.363	11.25
0.366	11.26
0.369	11.12
0.372	11.15
0.375	11.12
0.377	11.15
0.380	11.19
0.383	11.03
0.387	11.06
0.391	11.06
0.394	11.12
0.397	11.13
0.400	11.10
0.405	11.08
0.408	11.22
0.411	11.10
0.413	11.24
0.416	11.08
0.419	11.11
0.422	11.10
0.426	11.05
0.433	11.11
0.436	11.06
0.438	11.20
0.441	11.16
0.444	10.99
0.447	11.16
0.450	11.06
0.455	11.18
0.458	11.17
0.461	10.64
0.463	11.34
0.466	11.20
0.469	11.25

J.D.	m
2433566+	
0.472	11.22
0.475	11.20
0.477	11.20
0.480	11.22
0.483	11.31
0.486	11.10
0.488	11.22
0.491	11.32
0.494	11.30
0.497	11.47
0.500	11.27
0.502	11.30
0.505	11.39
0.510	11.38
0.514	11.45
2433567+	
0.325	11.66
0.327	11.72
0.330	11.68
0.333	11.60
0.336	11.72
0.340	11.69
0.344	11.73
0.349	11.74
0.352	11.72
0.355	11.72
0.358	11.80
0.362	11.71
0.366	11.71
0.369	11.80
0.372	11.68
0.380	11.60
0.383	11.65
0.386	11.76
0.388	11.76
0.391	11.70
0.397	11.71
0.400	11.80
0.402	11.80
0.405	11.79
0.408	11.72
0.411	11.67
0.413	11.70
0.416	11.68
0.419	11.74
0.422	11.71

J.D.	m
2433567+	
0.425	11.71
0.427	11.66
0.430	11.72
0.436	11.62
0.438	11.76
0.441	11.72
0.444	11.65
0.447	11.70
0.450	11.70
0.452	11.63
0.455	11.58
0.458	11.70
0.461	11.67
0.463	11.67
0.466	11.65
0.469	11.78
0.472	11.68
0.475	11.77
0.477	11.62
0.480	11.63
0.483	11.56
0.486	11.64
0.491	11.62
0.494	11.70
0.497	11.67
0.500	11.74
0.502	11.64
0.505	11.68
0.508	11.67
0.511	11.52
0.513	11.65
0.516	11.55
0.519	11.49
0.522	11.47
0.525	11.47
0.527	11.40
0.530	11.48
0.533	11.36
0.536	11.33
0.538	11.47
0.541	11.33
0.544	11.35
0.547	11.16
2433568+	
0.227	11.48
0.230	11.43

Table II (cont.)

J.D.	m	J.D.	m	J.D.	m
2433568+		2433568+		2433569+	
0.233	11.51	0.480	11.02	0.230	11.20
0.236	11.62	0.483	11.03	0.233	11.20
0.241	11.43	0.486	10.95	0.236	11.20
0.244	11.42	0.488	10.95	0.238	11.18
0.247	11.42	0.491	10.97	0.241	11.24
0.250	11.49	0.494	11.00	0.244	11.20
0.252	11.49	0.497	10.97	0.247	11.20
0.255	11.46	0.500	10.97	0.250	11.27
0.258	11.53	0.502	10.93	0.252	11.34
0.263	11.49	0.508	10.90	0.255	11.36
0.266	11.37	0.511	10.92	0.258	11.39
0.269	11.39	0.513	10.92	0.261	11.31
0.272	11.55	0.516	10.92	0.263	11.27
0.275	11.57	0.519	10.77	0.266	11.25
0.277	11.53	0.522	10.97	0.269	11.10
0.280	11.60	0.525	10.84	0.475	11.77
0.283	11.62	0.527	11.05	0.477	11.74
0.394	11.50	0.530	10.92	0.480	11.74
0.397	11.37	0.533	10.93	0.483	11.69
0.400	11.44	0.536	11.00	0.486	11.70
0.402	11.46	0.538	10.93	0.488	11.62
0.405	11.45	0.541	10.94	0.491	11.75
0.408	11.26	0.544	10.93	0.494	11.67
0.411	11.46	0.547	11.00	0.497	11.64
0.413	11.29	0.550	10.97	0.500	11.79
0.416	11.28	0.552	11.06	0.502	11.59
0.419	11.26	0.555	11.09	0.505	11.58
0.422	11.37	0.561	11.20	0.508	11.68
0.425	11.20	0.563	11.05	0.511	11.82
0.427	11.31	0.566	11.13	0.513	11.82
0.430	11.31	0.569	11.05	0.516	11.74
0.433	11.20	0.572	11.05	0.519	11.76
0.436	11.17	0.575	11.05	0.522	11.76
0.438	11.25	0.577	11.18	0.525	11.79
0.441	11.18	0.580	11.07	0.527	11.73
0.444	11.17	0.583	11.07	0.536	11.69
0.450	11.07	0.586	11.09	0.538	11.65
0.452	11.17	0.588	11.23	0.541	11.62
0.455	11.05	0.591	11.20	0.544	11.30
0.458	10.99	0.594	11.20	0.547	11.26
0.461	11.08	0.597	11.24	0.550	11.52
0.463	11.00	0.600	11.23	0.552	11.60
0.466	10.94	0.602	11.29	0.555	11.73
0.469	11.06	0.605	11.30	0.558	11.69
0.472	10.94			0.561	11.68
0.475	11.03	2433569+		0.563	11.62
0.477	10.98	0.227	11.32	0.566	11.64

Table II (cont.)

J.D.	m
2433569+	
0.569	11.55
0.572	11.69
0.575	11.68
0.577	11.68
0.580	11.65
0.583	11.71
0.588	11.55
0.591	11.60
0.594	11.62
0.597	11.56
0.600	11.72
0.602	11.57
0.605	11.62
0.608	11.65
0.611	11.56
0.613	11.70
0.616	11.65
0.619	11.52
0.623	11.48
0.629	11.58
0.634	11.44
0.638	11.42
0.642	11.49
2433583+	
0.205	11.30
0.208	11.35
0.210	11.31
0.213	11.29
0.216	11.18
0.219	11.10
0.222	11.13
0.224	10.96
0.227	10.99
0.230	10.95
0.233	11.03
0.238	10.50
0.240	10.52
0.244	10.62
2433613+	
0.186	10.52
0.188	10.49
0.191	10.32
0.194	10.23
2433826+	
0.370	11.64
2433826+	
0.375	11.76
2433838+	
0.437	11.64
0.440	11.50
0.442	11.59
0.445	11.57
0.448	11.58
0.454	11.55
0.456	11.50
0.459	11.62
0.462	11.51
0.465	11.47
0.467	11.45
0.470	11.55
0.473	11.48
0.476	11.50
0.479	11.48
0.481	11.20
0.484	11.43
0.487	11.29
0.490	11.42
0.492	11.35
0.495	11.40
0.498	11.14
0.501	11.26
0.504	11.16
0.506	11.25
0.509	11.29
0.512	11.20
0.515	11.32
0.517	11.31
0.520	11.26
0.524	11.23
0.529	11.18
0.534	11.20
0.537	11.20
0.540	11.24
0.543	11.26
2433887+	
0.291	11.47
0.293	11.35
0.296	11.33
0.299	11.20
0.302	11.39
0.305	11.36
2433887+	
0.307	11.38
0.310	11.41
0.313	11.40
0.316	11.32
0.318	11.38
0.321	11.50
0.324	11.32
0.327	11.28
0.330	11.38
0.332	11.33
0.335	11.38
0.338	11.36
0.341	11.44
0.343	11.30
0.346	11.44
0.349	11.51
0.352	11.39
2433888+	
0.310	11.44
0.313	11.46
0.319	11.43
0.324	11.44
0.327	11.44
0.330	11.37
0.332	11.33
0.335	11.26
0.338	11.20
0.341	11.32
0.344	11.18
0.347	11.44
0.349	11.40
0.352	11.26
0.355	11.34
0.358	11.32
0.360	10.94
0.363	11.06
0.366	10.89
0.369	10.80
0.371	10.88
0.374	10.68
0.377	10.59
0.380	10.57
0.383	10.57
0.385	10.44
0.388	10.37
0.391	10.46

Table II (cont.)

J.D.	m
2433888+	
0.394	10.40
0.396	10.40
0.402	10.40
0.405	10.36
0.408	10.42
0.410	10.43
0.413	10.36
0.416	10.38
0.419	10.35
0.421	10.56
0.424	10.54
0.427	10.51
0.430	10.32
0.435	10.40
0.438	10.40
0.441	10.53
0.446	10.60
0.449	10.45
0.452	10.61
0.455	10.70
0.458	10.52
0.460	10.56
0.463	10.60
0.466	10.84
0.469	10.73
0.471	10.73
0.474	10.74
0.477	10.65
0.480	10.68
2433889+	
0.305	11.40
0.308	11.40
0.310	11.32
0.313	11.35
0.316	11.27
0.319	11.37
0.322	11.23
0.324	11.34
0.327	11.26
0.330	11.33
0.333	11.32
0.336	11.39
0.338	11.15
0.341	11.39
0.344	11.27
0.347	11.28

J.D.	m
2433889+	
0.349	11.15
0.358	11.30
0.360	11.20
0.363	11.27
0.366	11.39
0.369	11.24
0.372	11.15
0.374	11.29
0.377	11.15
0.408	11.20
0.410	11.20
0.413	11.40
0.416	11.35
0.419	11.25
0.433	11.40
0.435	11.41
0.438	11.48
0.443	11.32
0.447	11.38
0.449	11.40
0.452	11.27
0.455	11.29
0.458	11.55
0.460	11.30
0.465	11.36
0.472	11.45
0.474	11.52
0.477	11.39
0.480	11.54
0.483	11.48
0.485	11.50
0.488	11.45
0.491	11.44
0.494	11.45
0.497	11.42
0.505	11.39
0.508	11.69
0.510	11.49
0.513	11.48
0.516	11.53
2433890+	
0.363	11.57
0.366	11.53
0.369	11.53
0.372	11.56
0.374	11.67

J.D.	m
2433890+	
0.377	11.62
0.380	11.63
0.383	11.71
0.407	11.46
0.411	11.64
0.413	11.55
0.438	11.48
0.441	11.55
0.444	11.44
0.446	11.59
0.450	11.59
0.455	11.44
0.458	11.51
2433891+	
0.311	11.44
0.314	11.55
0.316	11.49
0.319	11.40
0.322	11.59
0.325	11.46
0.328	11.35
0.330	11.48
0.333	11.56
0.336	11.41
0.339	11.39
0.341	11.50
0.344	11.37
0.347	11.50
0.350	11.30
0.353	11.51
0.355	11.52
0.358	11.47
0.361	11.34
0.364	11.42
0.366	11.34
0.369	11.28
0.372	11.44
0.375	11.25
0.378	11.25
0.380	11.22
0.383	11.40
0.386	11.41
0.389	11.28
0.391	11.20
0.394	11.25
0.397	11.29

Table II (cont.)

J.D.	m	J.D.	m	J.D.	m
2433891+		2433891+		2433898+	
0.400	11.25	0.564	11.37	0.373	10.82
0.402	11.28	0.566	11.43	0.376	10.80
0.408	11.25	0.569	11.44	0.379	10.80
0.411	11.24	0.572	11.38	0.382	10.80
0.414	11.17	0.575	11.44	0.387	10.94
0.416	11.11	0.577	11.39	0.390	10.93
0.419	11.30	0.580	11.43	0.393	10.82
0.422	11.30	0.589	11.44	0.395	10.77
0.425	11.20	0.593	11.41	0.401	10.96
0.427	11.24	0.597	11.42	0.404	10.88
0.430	11.29	0.600	11.50	0.407	10.79
0.433	11.19	0.602	11.34	0.409	10.82
0.436	11.16	0.605	11.40	0.412	10.72
0.439	11.05	0.608	11.40	0.415	10.77
0.441	11.15	0.611	11.44	0.418	10.84
0.444	11.20	0.614	11.46	0.420	10.97
0.447	11.10	0.616	11.51	0.423	10.93
0.453	11.16	0.619	11.48	0.426	10.90
0.461	11.23			0.429	10.95
0.464	11.23	2433898+		0.432	10.84
0.476	11.23	0.295	11.19	0.434	11.04
0.481	11.20	0.298	11.28	0.437	11.01
0.486	11.39	0.301	11.38	0.440	10.93
0.489	11.32	0.304	11.32	0.443	10.92
0.491	11.31	0.307	11.31	0.446	11.05
0.497	11.30	0.309	11.20	0.448	10.97
0.500	11.38	0.315	11.22	0.451	10.97
0.502	11.37	0.318	11.25	0.453	11.09
0.505	11.43	0.320	11.12	0.457	11.10
0.508	11.30	0.323	11.34	0.459	11.13
0.511	11.27	0.326	11.26		
0.514	11.25	0.329	11.12	2433900+	
0.516	11.23	0.332	11.19	0.437	11.28
0.519	11.20	0.334	11.20	0.440	11.24
0.522	11.24	0.337	11.12	0.443	11.30
0.525	11.40	0.340	11.12	0.446	11.29
0.527	11.32	0.343	11.16	0.449	11.08
0.530	11.20	0.345	11.22	0.451	11.03
0.533	11.31	0.348	11.00	0.454	11.03
0.536	11.35	0.351	11.02	0.457	11.03
0.541	11.37	0.354	10.98	0.460	10.97
0.544	11.30	0.357	11.08	0.462	11.04
0.547	11.25	0.359	10.97	0.465	11.00
0.550	11.30	0.362	10.92	0.468	11.10
0.552	11.24	0.365	10.73	0.475	10.98
0.555	11.25	0.368	10.88	0.481	10.85
0.558	11.24	0.371	10.82	0.485	10.95

Table II (cont.)

J.D.	m
2433900+	
0.487	10.92
0.490	10.97
0.493	10.80
0.496	10.84
0.499	10.78
0.501	10.95
0.504	10.98
0.507	10.91
0.510	10.90
0.512	10.89
0.515	10.99
0.518	10.85
0.521	10.87
0.524	10.89
0.529	10.95
0.532	10.84
0.535	10.80
0.546	10.97
0.549	10.82
0.551	10.92
0.554	10.97
0.557	10.92
0.560	10.97
0.562	10.97
0.565	10.93
0.568	11.17
0.571	10.90
0.574	11.22
0.576	11.10
0.579	11.17
0.582	11.03
0.593	11.06
0.596	11.10
0.599	11.14
0.601	11.30
0.607	11.22
2433920+	
0.333	11.62
0.336	11.63
0.338	11.59
0.341	11.44
0.344	11.39
0.347	11.41
0.350	11.40
0.352	11.22
0.355	11.32

J.D.	m
2433924+	
0.383	11.70
0.386	11.62
0.389	11.70
0.391	11.60
0.394	11.68
0.397	11.69
0.400	11.72
0.403	11.71
0.405	11.68
0.408	11.70
0.414	11.76
0.416	11.65
0.422	11.76
0.441	11.84
0.444	11.75
0.447	11.66
0.449	11.59
0.452	11.60
0.455	11.74
0.458	11.72
0.469	11.68
0.475	11.62
0.478	11.53
0.480	11.62
0.483	11.50
0.489	11.60
0.491	11.57
0.494	11.56
0.505	11.62
0.508	11.67
0.511	11.57
0.514	11.68
0.516	11.72
0.519	11.67
0.522	11.64
0.525	11.70
0.528	11.70
0.530	11.62
0.533	11.64
0.536	11.71
0.539	11.75
0.541	11.54
0.544	11.49
0.547	11.55
0.550	11.53
0.553	11.67
0.555	11.66

J.D.	m
2433924+	
0.558	11.42
0.561	11.48
0.564	11.57
0.566	11.56
0.569	11.64
0.572	11.58
0.575	11.51
0.578	11.41
0.581	11.42
0.584	11.46
0.589	11.44
0.591	11.44
0.594	11.34
0.597	11.40
0.600	11.36
0.603	11.28
0.605	11.18
0.608	11.14
0.611	11.09
0.614	10.95
0.616	10.92
0.619	10.97
0.622	10.82
0.625	10.95
0.628	10.52
0.630	10.56
0.633	10.68
0.636	10.59
0.639	10.40
0.642	10.38
0.644	10.44
0.647	10.41
0.650	10.42
2433950+	
0.287	10.84
0.289	10.92
0.292	10.68
0.295	10.60
0.298	10.54
0.301	10.43
0.303	10.48
0.306	10.39
0.309	10.33
0.312	10.30
0.315	10.24
0.320	10.32

Table II (cont.)

J.D.	m
2433950+	
0.323	10.26
0.326	10.28
0.328	10.24
0.338	10.26
0.341	10.29
0.344	10.43
0.346	10.33
0.349	10.38
0.352	10.48
0.355	10.53
0.358	10.37
0.360	10.39
0.363	10.56
0.366	10.43
0.369	10.49
2433970+	
0.193	11.02
0.196	10.88
0.199	10.94
0.202	10.82
0.204	10.90
0.207	10.79
0.210	10.82
0.213	10.76
0.215	10.65
0.218	10.61
0.221	10.54
0.224	10.56
2433980+	
0.182	11.16
0.184	10.99
0.187	10.86
0.190	10.95
0.193	10.80
0.196	10.62
0.198	10.56
0.201	10.58
0.204	10.45
0.207	10.53
0.209	10.38
0.212	10.32
0.215	10.50
0.218	10.31
0.221	10.35
0.223	10.34

J.D.	m
2433980+	
0.226	10.25
0.229	10.30
0.232	10.29
0.235	10.32
0.237	10.38
2433982+	
0.263	11.27
0.266	11.38
0.268	11.29
0.271	11.34
0.274	11.31
0.280	11.11
0.282	11.34
0.285	11.20
0.288	11.08
0.291	11.04
0.294	10.99
0.296	11.00
0.299	11.02
0.302	10.89
0.305	10.68
0.307	10.66
0.310	10.38
0.313	10.32
0.316	10.38
0.318	10.36
0.321	10.33
0.324	10.24
0.327	10.38
0.330	10.20
0.355	10.32
0.358	10.32
0.360	10.33
2434192+	
0.385	11.40
0.388	11.53
0.396	11.40
0.402	11.44
0.405	11.46
0.407	11.48
0.410	11.40
0.413	11.47
0.416	11.46
0.418	11.42
0.421	11.52

J.D.	m
2434192+	
0.424	11.53
0.427	11.43
0.430	11.55
0.432	11.37
0.435	11.44
0.438	11.48
0.441	11.53
0.444	11.63
0.449	11.43
0.452	11.49
0.455	11.48
0.457	11.44
0.460	11.44
0.463	11.53
0.466	11.43
0.469	11.41
0.472	11.40
0.474	11.58
0.477	11.42
0.480	11.40
0.482	11.41
0.485	11.44
0.488	11.44
0.491	11.44
0.495	11.45
0.499	11.42
0.502	11.42
0.505	11.36
0.507	11.45
0.510	11.39
0.513	11.37
0.516	11.49
0.518	11.44
0.521	11.43
2434214+	
0.383	11.38
0.386	11.31
0.389	11.48
0.392	11.37
0.394	11.10
0.397	11.20
0.400	11.17
0.403	11.38
0.406	11.32
0.408	11.27
0.411	11.40

Table II (cont.)

J.D.	m
2434214+	
0.414	11.24
0.417	11.33
0.419	11.53
0.422	11.36
0.425	11.27
0.428	11.39
0.431	11.32
0.433	11.37
0.436	11.34
0.439	11.49
0.442	11.47
0.445	11.23
0.448	11.44
0.456	11.36
0.458	11.50
0.461	11.25
0.464	11.30
0.467	11.50
0.469	11.34
0.472	11.30
0.475	11.36
0.478	11.40
0.481	11.35
0.483	11.44
0.489	11.53
0.494	11.60
0.497	11.50
0.500	11.41
0.503	11.37
0.506	11.67
0.508	11.64
0.511	11.48
0.514	11.51
0.517	11.44
0.519	11.35
0.522	11.49
2434215+	
0.458	11.64
0.460	11.60
0.463	11.62
0.466	11.70
0.469	11.41
0.471	11.42
0.474	11.48
0.477	11.40
0.482	11.48

J.D.	m
2434215+	
0.485	11.57
0.488	11.34
0.494	11.44
0.496	11.56
0.499	11.50
0.502	11.51
0.507	11.25
0.510	11.30
0.512	11.22
0.515	11.29
0.518	11.17
0.521	11.19
0.524	11.08
0.526	10.97
0.529	10.93
0.532	10.84
0.535	10.69
0.537	10.62
0.540	10.59
0.543	10.52
0.546	10.68
2434233+	
0.333	10.38
0.337	10.33
0.351	10.27
0.353	10.29
0.366	10.31
0.369	10.40
0.382	10.48
2434236+	
0.338	11.39
0.340	11.30
0.343	11.28
0.347	11.34
0.351	11.44
0.354	11.40
0.357	11.31
0.360	11.30
0.363	11.43
0.367	11.41
0.372	11.44
0.376	11.52
0.379	11.50
0.382	11.36
0.385	11.52

J.D.	m
2434236+	
0.390	11.44
0.393	11.44
0.395	11.44
0.398	11.44
0.401	11.64
0.404	11.52
0.406	11.53
0.409	11.54
0.412	11.42
0.415	11.41
0.420	11.47
0.426	11.58
0.429	11.59
0.434	11.56
0.437	11.68
0.440	11.55
0.443	11.48
0.445	11.68
0.448	11.52
0.451	11.61
0.454	11.66
0.456	11.68
0.458	11.50
0.462	11.42
0.465	11.56
0.468	11.37
0.473	11.54
0.479	11.50
0.481	11.58
0.484	11.50
o.488	11.56
0.493	11.59
0.495	11.47
0.498	11.43
0.501	11.56
0.504	11.52
0.512	11.58
0.515	11.41
0.524	11.74
0.530	11.64
0.533	11.60
0.535	11.64
0.541	11.64
0.544	11.53
0.547	11.73
0.549	11.62
0.552	11.59

Table II (cont.)

J.D.	m
2434236+	
0.555	11.66
0.558	11.59
0.560	11.52
0.563	11.60
0.569	11.57
0.574	11.77
0.580	11.58
0.582	11.77
0.584	11.59
0.588	11.56
2434237+	
0.505	11.52
0.512	11.60
0.514	11.46
0.517	11.44
0.520	11.51
0.523	11.59
0.526	11.40
0.528	11.53
0.531	11.44
0.534	11.42
0.537	11.23
0.539	11.15
0.545	11.15
0.554	10.62
0.556	10.64
0.559	10.51
0.562	10.46
0.564	10.58
0.567	10.52
0.570	10.50
0.573	10.48
0.576	10.40
0.578	10.37
0.581	10.40
0.584	10.54
0.587	10.34
0.589	10.46
0.592	10.53
2434240+	
0.316	11.27
0.319	11.55
0.322	11.36
0.324	11.49
0.327	11.43

J.D.	m
2434240+	
0.330	11.47
0.333	11.30
0.336	11.49
0.339	11.39
0.341	11.42
0.344	11.50
0.347	11.49
0.350	11.41
0.352	11.58
0.358	11.42
0.361	11.35
0.363	11.50
0.366	11.41
0.369	11.45
0.372	11.16
0.374	11.20
0.377	11.34
0.380	11.32
0.386	11.40
0.388	11.44
0.391	11.32
0.394	11.48
0.397	11.39
0.399	11.36
0.402	11.38
0.405	11.48
0.408	11.35
0.410	11.52
0.413	11.25
0.416	11.49
0.419	11.26
0.422	11.38
0.424	11.27
0.427	11.34
0.430	11.42
0.433	11.40
0.436	11.41
0.438	11.44
0.441	11.44
0.444	11.33
0.449	11.21
0.452	11.24
0.455	11.20
0.458	11.34
0.460	11.35
0.463	11.22
0.466	11.36

J.D.	m
2434240+	
0.469	11.34
0.472	11.34
0.474	11.29
0.480	11.40
0.483	11.22
0.486	11.28
0.491	11.16
0.494	11.30
0.497	11.24
0.499	11.30
0.502	11.41
0.513	11.28
0.519	11.30
0.522	11.22
0.524	11.44
0.527	11.36
0.530	11.16
0.533	11.20
0.536	11.12
0.538	11.16
0.541	11.26
0.544	11.34
0.547	11.28
0.549	11.26
0.552	11.19
0.555	11.15
0.558	11.20
0.569	11.25
0.574	11.25
0.577	11.28
0.580	11.34
0.586	11.31
0.588	11.42
0.591	11.44
0.594	11.41
0.597	11.31
2434243+	
0.318	10.86
0.320	10.84
0.323	10.62
0.326	10.61
0.329	10.60
0.331	10.51
0.334	10.42
0.337	10.37
0.340	10.38

Table II (cont.)

J.D.	m
2434243+	
0.343	10.36
0.345	10.28
0.348	10.32
0.351	10.32
0.354	10.32
0.356	10.22
0.359	10.39
0.362	10.39
0.365	10.39
0.368	10.33
0.370	10.49
0.373	10.31
0.376	10.46
0.379	10.46
0.384	10.46
0.387	10.64
0.390	10.61
0.393	10.47
0.395	10.54
0.398	10.48
0.401	10.49
0.406	10.70
0.409	10.74
0.412	10.77
0.415	10.72
0.418	10.85
0.420	10.72
0.423	10.80
0.426	10.78
0.430	10.88
0.434	10.74
0.437	10.85
0.442	10.90
2434253+	
0.297	11.07
0.302	11.03
0.304	10.92
0.307	10.94
0.310	10.95
0.314	10.91
0.318	10.78
0.321	10.92
0.325	11.83
0.329	10.86
0.332	10.71
0.335	10.77

J.D.	m
2434253+	
0.340	10.87
0.343	10.90
0.346	10.81
0.349	10.87
0.352	10.99
0.354	10.97
0.357	10.99
0.360	10.86
0.363	10.83
0.365	10.86
0.368	10.90
0.371	10.85
0.374	10.85
0.377	10.97
2434254+	
0.290	11.53
0.293	11.49
0.295	11.64
0.298	11.56
0.302	11.58
0.306	11.55
0.309	11.59
0.312	11.70
0.315	11.54
0.318	11.54
0.320	11.61
0.323	11.60
0.331	11.44
0.333	11.46
0.336	11.57
0.339	11.44
0.342	11.62
0.345	11.42
0.350	11.46
0.353	11.55
0.356	11.53
0.358	11.44
0.361	11.56
0.364	11.37
0.367	11.57
0.370	11.52
0.372	11.40
0.375	11.60
0.378	11.39
0.381	11.48
0.385	11.39

J.D.	m
2434254+	
0.389	11.42
0.392	11.38
0.398	11.31
0.401	11.47
0.405	10.39
0.411	10.33
0.415	11.32
0.418	11.28
0.420	11.41
0.423	11.43
0.426	11.39
0.431	11.42
0.434	11.46
0.437	11.48
0.440	11.28
0.443	11.28
0.445	11.48
0.448	11.38
0.451	11.22
0.454	11.36
0.456	11.39
0.459	11.44
0.462	11.42
2434255+	
0.328	11.56
0.331	11.39
0.333	11.50
0.336	11.40
0.339	11.46
0.342	11.50
0.345	11.41
0.353	11.34
0.356	11.52
0.358	11.36
0.361	11.37
0.364	11.36
0.367	11.38
0.372	11.32
0.374	11.28
0.377	11.31
0.380	11.02
0.383	11.27
0.386	11.06
0.388	11.11
0.391	11.18
0.394	11.20

Table II (cont.)

J.D.	m
2434255+	
0.397	10.76
0.399	11.10
0.402	11.06
0.405	10.92
2434277+	
0.380	11.40
0.383	11.42
0.386	11.54
0.390	11.54
0.394	11.56
0.397	11.49
0.400	11.58
0.402	11.61
0.405	11.47
0.411	11.44
0.413	11.50
0.416	11.51
0.419	11.50
0.422	11.40
0.425	11.12
0.430	11.07
0.433	11.18
0.436	11.23
0.450	10.76
0.452	10.60
0.455	10.79
0.458	10.59
0.461	10.51
0.463	10.42
0.466	10.33
0.469	10.31
0.472	10.28
0.475	10.36
0.477	10.26
0.480	10.39
0.483	10.36
0.486	10.21
0.488	10.24
0.491	10.33
0.494	10.20
0.497	10.21
0.500	10.30
0.502	10.37
0.505	10.40
0.508	10.40
0.511	10.36

J.D.	m
2434277+	
0.513	10.45
0.516	10.42
0.519	10.50
0.522	10.56
2434282+	
0.493	11.55
0.495	11.46
0.498	11.44
0.501	11.33
0.504	11.47
0.507	11.44
0.509	11.42
0.512	11.31
0.515	11.46
0.518	11.36
0.520	11.44
0.523	11.42
0.526	11.35
0.529	11.29
0.532	11.37
0.534	11.47
0.537	11.50
0.540	11.39
0.543	11.52
0.545	11.28
0.548	11.60
0.551	11.43
0.554	11.44
0.559	11.32
0.562	11.32
0.565	11.39
0.568	11.32
0.570	11.41
0.573	11.24
0.576	11.31
0.579	11.40
0.582	11.32
0.584	11.51
0.587	11.35
0.590	11.32
0.593	11.30
0.595	11.32
0.601	11.22
0.607	11.40
0.612	11.48
0.615	11.44

J.D.	m
2434282+	
0.619	11.38
0.623	11.44
0.626	11.31
0.629	11.40
0.633	11.45
2434284+	
0.266	11.58
0.272	11.54
0.275	11.46
0.277	11.40
0.280	11.50
0.283	11.37
0.286	11.59
0.288	11.60
0.291	11.53
0.294	11.53
0.297	11.63
0.300	11.60
0.302	11.52
0.305	11.59
0.311	11.43
0.314	11.52
0.316	11.47
0.319	11.52
0.322	11.43
0.325	11.46
0.327	11.38
0.330	11.53
0.333	11.60
0.336	11.47
0.339	11.42
0.341	11.52
0.344	11.54
0.347	11.44
0.352	11.44
0.355	11.45
0.358	11.37
0.361	11.39
0.364	11.50
0.366	11.38
0.369	11.32
0.372	11.44
0.375	11.44
0.377	11.28
0.380	11.54
0.383	11.37

Table II (cont.)

J.D.	m	J.D.	m	J.D.	m
2434284+		2434284+		2434304+	
0.386	11.36	0.566	11.40	0.255	11.73
0.388	11.39	0.569	11.42	0.258	11.66
0.391	11.42	0.577	11.48	0.260	11.58
0.394	11.36	0.580	11.40	0.265	11.63
0.407	11.40	0.589	11.54	0.269	11.59
0.409	11.30	0.591	11.40	0.274	11.72
0.412	11.30	0.594	11.34	0.277	11.63
0.415	11.26	0.597	11.26	0.280	11.61
0.418	11.14	0.600	11.52	0.283	11.55
0.420	11.25	0.602	11.52	0.285	11.67
0.422	11.36	0.605	11.42	0.288	11.51
0.426	11.24	0.608	11.35	0.291	11.55
0.429	11.32	0.611	11.39	0.294	11.58
0.432	11.41	0.613	11.28	0.296	11.54
0.434	11.25	0.616	11.49	0.335	11.57
0.437	11.23	0.619	11.48	0.338	11.55
0.440	11.16	0.622	11.39	0.341	11.55
0.443	11.39			0.344	11.36
0.445	11.24	2434295+		0.347	11.47
0.448	11.40	0.255	10.73	0.349	11.45
0.451	11.28	0.258	10.58	0.352	11.53
0.454	11.30	0.261	10.48	0.356	11.46
0.480	11.32	0.264	10.42	0.360	11.56
0.483	11.48	0.267	10.54	0.391	11.28
0.486	11.31	0.269	10.51	0.394	11.35
0.489	11.37	0.272	10.50	0.397	11.37
0.491	11.25	0.275	10.50	0.399	11.16
0.494	11.35	0.278	10.48	0.402	11.15
0.497	11.48	0.282	10.57	0.405	11.14
0.500	11.44	0.286	10.55	0.408	11.18
0.502	11.47	0.289	10.59	0.410	11.35
0.505	11.36	0.292	10.57	0.413	11.21
0.508	11.41	0.294	10.64	0.416	11.07
0.511	11.50	0.303	10.68	0.419	11.20
0.513	11.43	0.305	10.70	0.422	11.08
0.516	11.60	0.308	10.90	0.424	11.12
0.519	11.37	0.311	10.82	0.427	11.20
0.522	11.44	0.314	10.78	0.433	11.00
0.527	11.58	0.318	10.86	0.436	10.94
0.530	11.32	0.322	11.04	0.438	11.01
0.533	11.35	0.325	10.87	0.444	10.98
0.536	11.53	0.328	10.92	0.449	10.95
0.539	11.41			0.452	10.97
0.550	11.48	2434304+		0.455	10.88
0.553	11.54	0.246	11.62	0.458	10.98
0.555	11.36	0.249	11.71	0.461	11.07
0.563	11.33	0.252	11.78	0.463	10.93

Table II (cont.)

J.D.	m	J.D.	m	J.D.	m
2434304+		2434304+		2434305+	
0.466	11.12	0.619	11.56	0.347	10.78
0.469	10.97	0.622	11.39	0.350	10.80
0.472	11.04	0.625	11.57	0.357	10.92
0.474	10.89	0.627	11.41	0.359	10.82
0.479	11.03	0.630	11.46	0.362	10.88
0.483	11.08	0.633	11.26	0.365	11.04
0.486	11.03	0.635	11.37	0.368	11.08
0.488	10.98			0.370	11.09
0.491	11.04	2434305+		0.373	10.92
0.494	11.12	0.233	11.14	0.377	10.97
0.497	11.18	0.236	11.16	0.380	10.99
0.499	10.98	0.238	11.11		
0.505	11.18	0.241	11.00	2434567+	
0.508	11.13	0.244	11.15	0.369	11.46
0.511	11.32	0.247	10.89	0.374	11.54
0.513	11.31	0.250	10.81	0.378	11.58
0.519	11.00	0.252	10.76	0.381	11.56
0.524	11.20	0.255	10.64	0.383	11.46
0.527	11.20	0.258	10.65	0.386	11.60
0.531	11.15	0.261	10.40	0.389	11.62
0.536	11.24	0.263	10.50	0.392	11.58
0.538	11.27	0.266	10.50	0.405	11.50
0.545	11.27	0.270	10.41	0.408	11.64
0.547	11.22	0.275	10.43	0.410	11.54
0.549	11.32	0.280	10.48	0.416	11.62
0.552	11.09	0.283	10.41	0.419	11.56
0.555	11.27	0.286	10.42	0.424	11.46
0.558	11.19	0.288	10.51	0.427	11.58
0.561	11.29	0.291	10.48	0.430	11.56
0.563	11.16	0.297	10.57	0.433	11.60
0.566	11.26	0.300	10.58	0.436	11.45
0.569	11.42	0.302	10.63	0.439	11.60
0.575	11.30	0.305	10.48	0.442	11.56
0.577	11.41	0.308	10.53	0.448	11.48
0.580	11.40	0.311	10.69	0.451	11.52
0.583	11.46	0.313	10.50	0.454	11.54
0.586	11.45	0.316	10.50	0.459	11.60
0.588	11.30	0.319	10.60	0.462	11.47
0.595	11.28	0.322	10.67	0.465	11.60
0.597	11.18	0.324	10.64	0.467	11.57
0.600	11.18	0.327	10.64	0.470	11.56
0.602	11.39	0.330	10.80	0.473	11.50
0.605	11.36	0.333	10.60	0.476	11.53
0.608	11.28	0.336	10.59	0.479	11.50
0.611	11.47	0.338	10.67	0.481	11.33
0.613	11.50	0.341	10.80	0.484	11.42
0.616	11.48	0.344	10.82	0.487	11.44

Table II (cont.)

J.D.	m
2434567+	
0.490	11.46
0.492	11.44
0.495	11.51
0.498	11.50
0.504	11.25
0.506	11.28
0.509	11.28
0.512	11.30
0.515	11.20
0.517	11.20
0.520	11.23
0.523	11.31
0.526	11.33
0.529	11.27
0.531	11.27
0.534	11.29
0.537	11.40
0.540	11.38
2434569+	
0.469	11.48
0.472	11.37
0.475	11.44
0.478	11.51
0.481	11.40
0.483	11.40
0.486	11.50
0.489	11.28
0.492	11.40
2434598+	
0.326	10.54
0.329	10.50
0.332	10.52
0.335	10.53
0.338	10.57
0.342	10.55
0.346	10.57
0.349	10.53
0.351	10.56
0.354	10.70
0.357	10.60
0.360	10.80
0.362	10.80
0.365	10.73
0.371	10.74

J.D.	m
2434600+	
0.346	11.33
0.349	11.32
0.352	11.46
0.355	11.37
0.358	11.21
0.360	11.27
0.363	11.25
0.366	11.24
0.369	11.08
0.371	10.99
0.374	10.97
0.377	11.05
0.380	11.00
0.383	10.84
0.385	10.72
0.388	10.46
0.391	10.60
0.394	10.48
0.396	10.36
0.399	10.40
0.406	10.45
0.408	10.46
0.410	10.45
0.413	10.34
0.416	10.34
0.419	10.30
0.424	10.24
0.427	10.34
0.430	10.33
0.433	10.38
0.435	10.30
0.438	10.27
0.441	10.33
0.444	10.27
0.446	10.36
0.449	10.40
0.452	10.36
2434601+	
0.342	11.52
0.345	11.62
0.348	11.59
0.351	11.58
0.353	11.54
0.356	11.57
0.359	11.50
0.362	11.46

J.D.	m
2434601+	
0.364	11.55
0.367	11.48
0.370	11.44
0.374	11.46
0.378	11.48
0.381	11.47
0.384	11.44
0.387	11.45
0.389	11.51
0.392	11.52
0.395	11.53
0.398	11.53
0.401	11.48
0.403	11.50
0.406	11.60
0.412	11.54
0.414	11.46
0.417	11.42
0.420	11.53
0.423	11.56
0.426	11.57
0.428	11.44
0.431	11.45
0.434	11.44
0.437	11.43
0.439	11.45
0.442	11.46
0.445	11.45
0.448	11.44
0.451	11.51
0.453	11.44
0.456	11.44
0.459	11.40
0.462	11.44
0.464	11.26
0.467	11.29
0.470	11.41
0.473	11.48
0.476	11.55
0.481	11.48
0.484	11.56
0.487	11.51
0.489	11.60
0.492	11.60
0.495	11.59
0.498	11.45
0.500	11.42

Table II (cont.)

J.D.	m
2434601+	
0.503	11.44
0.506	11.49
0.509	11.44
0.512	11.48
0.514	11.48
0.517	11.53
0.520	11.43
0.523	11.46
0.525	11.48
0.528	11.46
0.531	11.46
0.534	11.44
0.537	11.48
0.539	11.59
0.542	11.49
0.545	11.50
0.548	11.49
2434602+	
0.483	11.08
0.486	11.15
0.489	10.90
0.492	10.90
0.494	10.92
0.497	10.94
0.500	10.66
0.503	10.64
0.506	10.60
0.508	10.34
0.511	10.42
0.514	10.28
0.517	10.26
0.519	10.26
0.522	10.15
0.525	10.15
0.528	10.14
0.531	10.17
0.533	10.30
0.540	10.28
0.543	10.27
0.546	10.24
0.549	10.26
0.551	10.32
0.554	10.33
0.557	10.40
0.560	10.34
0.562	10.43

J.D.	m
2434602+	
0.565	10.38
0.568	10.40
0.571	10.47
0.574	10.42
0.576	10.47
0.579	10.50
0.582	10.41
0.585	10.55
0.588	10.56
2434620+	
0.333	10.75
0.337	10.72
0.340	10.70
0.343	10.69
0.346	10.61
0.348	10.62
0.353	10.68
0.357	10.63
0.359	10.60
0.362	10.62
0.365	10.61
0.368	10.67
0.371	10.60
0.382	10.64
0.384	10.65
0.389	10.63
0.392	10.75
0.395	10.82
0.398	10.94
0.400	10.95
0.403	10.78
0.406	10.81
0.409	11.13
0.412	10.97
0.414	10.84
0.417	10.98
0.420	10.98
0.423	11.14
2434622+	
0.435	10.33
0.438	10.33
0.440	10.49
0.443	10.47
0.446	10.35
0.449	10.42

J.D.	m
2434622+	
0.452	10.44
0.454	10.39
0.457	10.39
0.460	10.30
0.462	10.31
0.465	10.59
0.468	10.51
0.471	10.41
0.474	10.56
0.476	10.47
0.479	10.57
0.482	10.45
0.485	10.40
0.488	10.37
0.493	10.52
0.503	10.84
0.506	10.73
0.509	10.69
0.511	10.84
0.514	10.80
0.517	10.79
0.519	10.91
0.522	10.87
0.525	10.97
0.528	10.88
0.531	10.87
0.533	10.88
0.536	11.00
0.539	11.04
0.542	11.09
0.544	11.08
0.547	10.97
0.550	11.08
0.553	11.12
0.556	11.05
0.558	11.18
0.561	11.07
0.564	11.13
0.567	11.25
2434624+	
0.469	11.10
0.471	11.02
0.474	10.98
0.477	11.10
0.480	11.02
0.482	11.12

Table II (cont.)

J.D.	m	J.D.	m	J.D.	m
2434624+		2434624+		2434629+	
0.485	10.99	0.621	10.81	0.433	11.02
0.488	11.08	0.624	10.80	0.435	11.24
0.491	11.04			0.438	11.09
0.493	11.00	2434629+		0.441	11.20
0.496	11.02	0.308	11.66	0.467	11.11
0.499	11.04	0.310	11.45	0.471	11.14
0.502	11.05	0.313	11.61	0.474	11.08
0.505	10.99	0.316	11.56	0.477	11.00
0.507	11.02	0.319	11.45	0.480	11.08
0.510	11.04	0.321	11.49	0.483	11.07
0.513	10.97	0.324	11.56	0.485	11.12
0.516	10.85	0.327	11.55	0.488	11.16
0.518	10.67	0.330	11.31	0.491	11.12
0.521	10.65	0.332	11.50	0.494	11.08
0.524	10.62	0.335	11.46	0.496	11.02
0.527	10.63	0.341	11.58	0.499	11.17
0.532	10.53	0.344	11.36	0.502	11.10
0.535	10.60	0.346	11.48	0.505	11.14
0.538	10.54	0.349	11.32	0.510	11.00
0.541	10.46	0.352	11.50	0.513	11.09
0.544	10.43	0.355	11.36	0.516	11.23
0.546	10.63	0.357	11.48	0.519	11.13
0.549	10.42	0.360	11.50	0.524	11.20
0.552	10.53	0.363	11.39	0.526	11.20
0.555	10.40	0.366	11.50	0.591	11.01
0.557	10.31	0.369	11.46	0.594	11.08
0.560	10.24	0.371	11.40	0.596	11.19
0.563	10.36	0.374	11.54	0.599	11.20
0.566	10.40	0.380	11.28	0.602	11.16
0.568	10.37	0.383	11.28	0.605	11.25
0.571	10.33	0.385	11.26	0.607	11.20
0.574	10.37	0.388	11.24	0.610	11.23
0.577	10.30	0.391	11.28	0.613	11.25
0.580	10.31	0.394	11.10	0.616	11.29
0.582	10.40	0.396	11.30	0.619	11.33
0.585	10.44	0.399	11.27	0.621	11.30
0.588	10.22	0.402	11.36	0.624	11.33
0.591	10.40	0.405	11.26	0.627	11.23
0.596	10.67	0.408	11.23	0.630	11.24
0.599	10.66	0.410	11.20		
0.602	10.68	0.413	11.20	2434630+	
0.605	10.88	0.416	11.25	0.276	11.20
0.607	10.94	0.419	11.32	0.279	11.14
0.610	10.71	0.421	11.25	0.281	11.08
0.613	10.83	0.424	11.21	0.284	11.06
0.616	10.61	0.427	11.20	0.287	11.05
0.619	10.84	0.430	11.23	0.290	11.00

Table II (cont.)

J.D.	m
2434630+	
0.292	10.92
0.295	11.00
0.298	10.84
0.301	10.83
0.304	10.71
0.306	10.74
0.309	10.80
0.312	10.64
0.315	10.64
0.317	10.63
0.320	10.58
0.323	10.73
0.325	10.65
0.328	10.60
0.331	10.60
0.334	10.62
0.337	10.63
0.341	10.64
0.344	10.64
0.347	10.66
0.349	10.62
0.352	10.65
0.355	10.70
0.358	10.65
0.360	10.73
0.380	10.75
0.383	10.80
0.385	10.71
0.388	10.63
0.391	10.78
0.394	10.81
0.397	10.70
0.399	10.75
0.402	10.72
0.405	10.81
0.408	10.80
0.410	10.83
0.413	10.92
0.416	10.81
2434649+	
0.290	11.60
0.292	11.42
0.295	11.40
0.298	11.42
0.301	11.40
0.304	11.20

J.D.	m
2434649+	
0.306	11.25
0.309	11.24
0.312	10.99
0.315	11.10
0.324	11.08
0.327	10.92
0.330	10.97
0.333	10.97
0.335	10.96
0.338	10.97
0.341	10.81
0.344	10.78
0.347	10.65
0.349	10.80
0.352	10.88
0.355	10.80
0.365	10.40
0.367	10.40
0.370	10.46
0.373	10.46
0.376	10.57
0.379	10.58
0.394	10.62
0.397	10.60
0.399	10.69
0.402	10.61
0.405	10.70
0.408	10.66
0.412	10.71
0.416	10.67
0.419	10.69
0.422	10.80
2434652+	
0.255	11.36
0.258	11.40
0.260	11.23
0.263	11.18
0.266	11.19
0.269	11.10
0.271	11.16
0.274	11.26
0.277	11.14
0.280	11.08
0.283	11.12
0.285	11.20
0.288	11.14

J.D.	m
2434652+	
0.291	11.14
0.305	11.06
0.308	10.90
0.310	11.00
0.313	10.82
0.316	10.98
0.319	10.80
0.321	10.72
0.324	10.78
0.327	10.66
0.330	10.73
0.344	11.03
0.346	11.01
0.349	10.88
0.352	11.00
0.355	11.00
0.357	11.18
0.360	11.18
0.363	11.20
0.366	11.07
0.369	11.02
0.371	11.08
0.374	10.98
0.377	11.09
0.380	11.04
0.383	11.20
0.385	11.10
0.388	11.20
0.391	11.32
0.394	11.20
0.396	11.20
0.399	11.26
0.402	11.13
0.405	11.24
0.407	11.30
0.410	11.20
2434654+	
0.397	11.04
0.399	11.30
0.402	11.08
0.405	11.08
0.408	11.12
0.410	11.00
0.413	11.20
0.416	11.08
0.419	10.97

Table II (cont.)

J.D.	m	J.D.	m	J.D.	m
2434654+		2434656+		2434661+	
0.422	11.00	0.544	10.79	0.353	11.42
0.424	11.05	0.547	10.61	0.357	11.43
0.427	10.81	0.549	10.70	0.359	11.56
0.430	10.88	0.552	10.50	0.362	11.48
0.433	10.86	0.555	10.63	0.365	11.54
0.435	10.90	0.561	10.65	0.368	11.50
0.438	10.80	0.563	10.64	0.370	11.50
0.441	10.81	0.569	10.66	0.373	11.53
0.444	10.83	0.572	10.53	0.376	11.54
0.447	10.78	0.574	10.64	0.379	11.35
0.449	10.90	0.577	10.64	0.382	11.44
0.452	10.80	0.580	10.61	0.384	11.23
0.455	10.87	0.583	10.52	0.387	11.48
0.458	10.73	0.588	10.71	0.390	11.46
0.463	10.60	0.591	10.64	0.422	11.00
0.466	10.60	0.594	10.63	0.427	10.92
0.469	10.58	0.597	10.62	0.430	10.97
0.472	10.50	0.599	10.64	0.433	11.08
0.474	10.62	0.602	10.53	0.436	10.97
0.477	10.63	0.605	10.66	0.438	11.03
0.480	10.64	0.608	10.64	0.441	10.88
0.483	10.58	0.611	10.67	0.444	10.80
0.485	10.70	0.613	10.60	0.447	10.80
0.488	10.59	0.616	10.64	0.450	10.83
0.490	10.61	0.619	10.77	0.452	10.88
0.494	10.59	0.622	10.64	0.455	10.78
0.497	10.68	0.624	10.67	0.458	10.75
0.499	10.69	0.627	10.64	0.461	10.87
0.502	10.68	0.630	10.80	0.463	10.68
0.505	10.70	0.633	10.69	0.466	10.78
0.508	10.74	0.636	10.76	0.469	10.76
0.510	10.69	0.638	10.80	0.472	10.56
0.513	10.73	0.641	10.78	0.475	10.60
0.516	10.74	0.644	10.77	0.477	10.67
0.519	10.72	0.647	10.85	0.480	10.62
0.522	10.78	0.649	10.76	0.483	10.67
		0.652	10.86	0.486	10.42
2434656+					
0.519	11.10	2434661+		2434662+	
0.522	11.18	0.332	11.60	0.302	11.02
0.524	10.98	0.334	11.61	0.305	11.14
0.527	11.00	0.337	11.78	0.308	10.98
0.530	11.03	0.340	11.65	0.311	11.00
0.533	11.10	0.343	11.56	0.313	10.98
0.536	10.90	0.345	11.55	0.316	10.97
0.538	10.80	0.348	11.58	0.319	10.97
0.541	10.97	0.351	11.42	0.322	10.90

Table II (cont.)

J.D.	m	J.D.	m	J.D.	m
2434662+		2434664+		2434920+	
0.325	10.77	0.388	11.49	0.434	11.15
0.327	10.77	0.391	11.40	0.437	11.08
0.330	10.87	0.394	11.44	0.441	11.09
0.333	10.86	0.397	11.22	0.445	11.16
0.336	10.74	0.400	11.27	0.448	11.04
0.338	10.80	0.402	11.12	0.451	11.20
0.341	10.73	0.405	11.20	0.454	11.10
0.344	10.77	0.408	11.20	0.457	10.98
0.348	10.70	0.411	11.32		
0.353	10.71	0.413	11.13	2434924+	
0.358	10.70	0.416	11.02	0.409	11.50
0.361	10.67	0.419	10.97	0.412	11.60
0.369	10.75	0.422	10.94	0.415	11.52
0.372	10.66	0.425	10.86	0.420	11.57
0.374	10.65	0.427	10.74	0.478	11.49
0.377	10.64	0.430	10.69	0.484	11.50
0.380	10.65	0.433	10.80	0.487	11.50
0.383	10.68	0.436	10.64	0.492	11.49
0.386	10.71	0.438	10.61	0.500	11.62
0.391	10.61	0.441	10.54	0.507	11.53
0.394	10.86	0.444	10.68	0.513	11.51
0.397	10.69	0.447	10.62	0.517	11.46
0.400	10.76	0.450	10.61	0.520	11.46
0.402	10.86	0.458	10.49	0.525	11.50
0.405	10.90	0.461	10.47		
0.408	10.75	0.463	10.51	2434987+	
0.411	10.80	0.466	10.63	0.342	11.12
0.413	10.84	0.469	10.58	0.345	11.10
0.416	10.88	0.472	10.48	0.348	11.20
0.422	10.97	0.475	10.55	0.351	11.10
0.425	10.77	0.477	10.64	0.353	11.23
0.427	10.84	0.480	10.52	0.356	11.17
0.430	10.93	0.483	10.57	0.358	11.20
0.433	10.97	0.486	10.70	0.361	11.16
0.436	10.98	0.488	10.72	0.364	11.20
0.439	10.90	0.491	10.57	0.367	11.15
0.441	10.81			0.370	10.90
0.444	10.91	2434920+		0.373	11.20
0.447	10.91	0.398	10.97	0.376	11.20
0.450	11.04	0.402	10.96	0.378	10.98
0.452	11.05	0.407	10.96	0.382	10.99
0.455	10.98	0.412	11.02	0.385	10.91
0.458	11.04	0.416	11.01	0.388	10.90
0.461	11.03	0.420	10.88	0.391	11.03
0.463	11.02	0.423	10.97	0.394	10.83
0.466	11.03	0.426	11.04	0.396	10.99
		0.430	11.10	0.399	10.88

Table II (cont.)

J.D.	m	J.D.	m	J.D.	m
2434987+		2434987+		2434989+	
0.405	11.00	0.577	11.13	0.554	10.84
0.410	11.02	0.580	11.01	0.557	10.70
0.413	10.90	0.582	11.04	0.565	10.78
0.416	10.97	0.585	11.15	0.574	10.80
0.419	10.92	0.588	11.04	0.577	10.80
0.421	10.89	0.591	11.23		
0.424	10.78	0.594	11.18	2434990+	
0.427	10.75	0.596	11.20	0.360	11.57
0.430	10.76	0.599	11.30	0.366	11.48
0.432	10.83	0.602	11.24	0.369	11.48
0.435	10.92	0.605	11.23	0.371	11.66
0.438	10.72	0.607	11.12	0.374	11.62
0.441	10.76	0.610	11.32	0.377	11.50
0.444	10.70	2434989+		0.380	11.67
0.446	10.84	0.405	11.63	0.382	11.60
0.449	10.62	0.408	11.70	0.385	11.70
0.452	10.73	0.411	11.55	0.388	11.46
0.455	10.63	0.414	11.56	0.391	11.57
0.457	10.70	0.416	11.56	0.394	11.62
0.463	10.69	0.419	11.44	0.396	11.66
0.469	10.68	0.425	11.46	0.399	11.50
0.488	10.93	0.430	11.55	0.402	11.70
0.491	10.92	0.433	11.56	0.405	11.58
0.494	11.02	0.436	11.49	0.407	11.61
0.499	10.86	0.439	11.59	0.410	11.60
0.502	10.97	0.441	11.56	0.413	11.61
0.505	11.06	0.447	11.50	0.416	11.70
0.507	10.89	0.450	11.48	0.419	11.57
0.510	10.98	0.458	10.98	0.421	11.59
0.513	10.98	0.461	11.12	0.474	11.68
0.516	11.07	0.464	10.93	0.483	11.65
0.519	11.00	0.466	10.76	0.488	11.60
0.521	11.13	0.469	10.95	0.491	11.70
0.524	11.09	0.472	10.84	0.494	11.70
0.527	11.01	0.475	10.90	0.496	11.74
0.530	11.02	0.478	10.76	0.499	11.73
0.532	10.98	0.480	10.76	0.502	11.68
0.535	11.07	0.504	10.50	0.505	11.64
0.538	11.20	0.509	10.70	0.507	11.48
0.541	11.18	0.512	10.58	0.510	11.52
0.543	11.06	0.517	10.49	0.516	11.45
0.546	11.10	0.521	10.50	0.519	11.67
0.552	11.12	0.526	10.50	0.521	11.70
0.555	10.99	0.529	10.54	2435009+	
0.557	11.15	0.532	10.50	0.352	11.37
0.560	11.15	0.536	10.55	0.355	11.45
0.563	11.16	0.540	10.64	0.357	11.40
0.566	11.10	0.543	10.63	0.360	11.42
0.569	11.24	0.546	10.76	0.363	11.46
0.571	11.09	0.548	10.73	0.366	11.26
0.574	11.12	0.551	10.70	0.372	11.40

Table III

Photoelectric observations of AC Andromedae

J.D.	$m-m_o$	J.D.	$m-m_o$	J.D.	$m-m_o$
2435016+		2435019+		2435019+	
0.3985	0.379	0.3492	1.016	0.4311	0.725
0.3999	0.403	0.3502	1.067	0.4321	0.720
0.4013	0.410	0.3576	1.016	0.4332	0.744
0.4027	0.379	0.3586	1.025	0.4343	0.710
0.4041	0.392	0.3596	1.002	0.4353	0.729
0.4055	0.381	0.3606	1.013	0.4363	0.716
0.4068	0.392	0.3634	1.028	0.4373	0.708
0.4082	0.410	0.3655	0.950	0.4384	0.719
0.4096	0.424	0.3683	0.990	0.4394	0.711
0.4110	0.478	0.3693	0.959	0.4406	0.717
		0.3708	0.963	0.4443	0.707
2435019+		0.3718	0.945	0.4453	0.723
0.2961	1.207	0.3728	0.939	0.4464	0.693
0.2981	1.181	0.3738	0.927	0.4475	0.716
0.3023	1.248	0.3748	0.943	0.4485	0.709
0.3041	1.272	0.3760	0.879	0.4495	0.721
0.3051	1.251	0.3843	0.853	0.4516	0.699
0.3061	1.296	0.3850	0.860	0.4526	0.724
0.3072	1.283	0.3863	0.843	0.4537	0.711
0.3086	1.288	0.3874	0.845	0.4547	0.721
0.3166	1.079	0.3884	0.841	0.4557	0.730
0.3176	1.111	0.3894	0.840	0.4568	0.729
0.3186	1.102	0.3905	0.847	0.4579	0.721
0.3197	1.096	0.3915	0.847	0.4589	0.729
0.3207	1.098	0.3926	0.836	0.4600	0.719
0.3218	1.073	0.3936	0.835	0.4610	0.730
0.3228	1.051	0.3947	0.790	0.4620	0.693
0.3238	1.115	0.3957	0.799		
0.3249	1.100	0.3968	0.774	2435043+	
0.3259	1.122	0.3977	0.787	0.4554	0.864
0.3270	1.101	0.4033	0.745	0.4563	0.823
0.3280	1.121	0.4043	0.766	0.4573	0.810
0.3290	1.102	0.4054	0.775	0.4583	0.786
0.3301	1.086	0.4065	0.738	0.4593	0.821
0.3312	1.082	0.4075	0.739	0.4604	0.879
0.3322	1.095	0.4086	0.721	0.4614	0.856
0.3336	1.083	0.4096	0.708	0.4624	0.792
0.3374	1.056	0.4106	0.737	0.4634	0.779
0.3384	1.063	0.4117	0.714	0.4688	0.676
0.3395	1.049	0.4127	0.738	0.4705	0.803
0.3405	1.051	0.4137	0.748	0.4715	0.764
0.3415	1.046	0.4148	0.724	0.4725	0.744
0.3426	1.055	0.4158	0.706	0.4736	0.708
0.3436	1.052	0.4169	0.695	0.4746	0.651
0.3447	1.080	0.4179	0.745	0.4757	0.816
0.3468	1.052	0.4189	0.686	0.4767	0.785
0.3481	1.029	0.4301	0.703	0.4826	0.767

Table III (cont.)

J.D.	$m-m_o$
2435043+	
0.4836	0.790
0.4847	0.740
0.4857	0.675
0.4868	0.711
0.4878	0.750
0.4888	0.706
0.4900	0.665
0.5032	0.735
0.5042	0.706
0.5052	0.664
0.5063	0.685
0.5073	0.604
0.5083	0.638
0.5093	0.617
0.5105	0.651
2435046+	
0.2503	0.902
0.2514	0.799
0.2524	0.830
0.2535	0.744
0.2545	0.785
0.2556	0.736
0.2566	0.767
0.2576	0.739
0.2622	0.736
0.2632	0.775
0.2642	0.753
0.2653	0.728
0.2663	0.715
0.2673	0.681
0.2683	0.712
0.2750	0.677
0.2760	0.570
0.2771	0.582
0.2781	0.598
0.2792	0.525
0.2802	0.521
0.2812	0.485
0.2826	0.429
0.2840	0.345
0.2854	0.342
0.3007	0.103
0.3017	0.137
0.3056	0.173
0.3076	0.115
0.3090	0.135

J.D.	$m-m_o$
2435046+	
0.3153	0.197
0.3163	0.224
0.3174	0.255
0.3184	0.260
0.3194	0.221
0.3205	0.224
0.3215	0.237
0.3225	0.237
0.3236	0.260
0.3246	0.273
0.3257	0.292
0.3267	0.281
0.3333	0.205
0.3343	0.224
0.3354	0.335
0.3368	0.347
0.3382	0.436
2435061+	
0.3886	0.884
0.3964	1.010
0.3914	1.071
0.3926	0.924
0.3940	1.009
0.3987	0.957
0.3997	0.984
0.4008	1.011
0.4032	0.951
0.4042	0.924
0.4053	0.987
0.4081	0.945
0.4091	0.828
0.4101	0.917
0.4112	0.993
0.4122	0.965
0.4240	0.860
0.4258	0.899
0.4294	0.910
0.4308	0.840
0.4351	0.859
0.4374	0.853
0.4402	0.928
0.4431	0.861
0.4511	0.910
0.4532	0.781
0.4560	0.770
0.4581	0.916

J.D.	$m-m_o$
2435061+	
0.4605	0.886
0.4654	0.779
0.4726	0.836
0.4737	0.877
0.4749	0.808
0.4763	0.740
2435393+	
0.2595	1.029
0.2606	1.009
0.2616	1.040
0.2627	1.014
0.2637	1.021
0.2679	1.045
0.2689	1.093
0.2700	1.056
0.2710	1.055
0.2720	1.030
0.2731	1.090
0.2741	1.083
0.2818	1.020
0.2828	1.044
0.2839	0.981
0.2849	1.017
0.2859	0.992
0.2870	0.953
0.2880	1.013
0.2936	0.961
0.2946	1.002
0.2957	0.943
0.2967	0.954
0.2977	0.949
0.2988	0.962
0.2998	0.907
0.3009	0.951
0.3019	0.891
0.3123	0.802
0.3134	0.866
0.3144	0.844
0.3155	0.820
0.3165	0.822
0.3175	0.661
0.3186	0.757
0.3196	0.736
0.3306	0.451
0.3320	0.561
0.3332	0.548

Table III (cont.)

J.D.	$m-m_o$	J.D.	$m-m_o$	J.D.	$m-m_o$
2435393+		2435393+		2435393+	
0.3342	0.502	0.4276	0.384	0.5205	0.822
0.3352	0.336	0.4286	0.310	0.5297	0.791
0.3365	0.438	0.4297	0.394	0.5307	0.858
0.3450	0.201	0.4307	0.391	0.5318	0.893
0.3460	0.196	0.4318	0.389	0.5328	0.854
0.3477	0.177	0.4328	0.363	0.5339	0.831
0.3481	0.155	0.4339	0.420	0.5349	0.811
0.3491	0.159	0.4436	0.448	0.5359	0.839
0.3502	0.102	0.4457	0.504	0.5370	0.905
0.3512	0.108	0.4467	0.440	0.5380	0.865
0.3523	0.062	0.4477	0.532	0.5436	0.880
0.3533	0.104	0.4503	0.441	0.5446	0.867
0.3542	0.090	0.4519	0.516	0.5459	0.875
0.3575	0.045	0.4530	0.584	0.5470	0.841
0.3585	0.073	0.4542	0.505	0.5482	0.887
0.3595	0.075	0.4602	0.549	0.5495	0.836
0.3606	0.072	0.4613	0.565	0.5508	0.813
0.3616	0.039	0.4623	0.577	0.5519	0.868
0.3627	0.039	0.4634	0.602	0.5533	0.866
0.3637	0.037	0.4644	0.578	0.5543	0.858
0.3648	0.062	0.4655	0.598	0.5554	0.889
0.3658	0.008	0.4665	0.594	0.5700	0.892
0.3668	0.002	0.4679	0.600	0.5710	0.960
0.3679	0.061	0.4688	0.598	0.5720	0.934
0.3720	0.034	0.4727	0.643	0.5731	0.943
0.3731	0.040	0.4738	0.625	0.5741	0.953
0.3741	0.040	0.4748	0.646	0.5752	0.975
0.3752	0.034	0.4759	0.692	0.5762	0.877
0.3762	0.032	0.4769	0.619	0.5776	0.903
0.3773	0.034	0.4780	0.636	0.5792	0.889
0.3783	0.049	0.4790	0.599	0.5804	0.916
0.3793	0.063	0.4957	0.753	0.5814	0.901
0.3804	0.044	0.4970	0.906	0.5825	1.004
0.3814	0.049	0.4988	0.853	0.5833	0.985
0.3823	0.051	0.5009	0.720	0.5901	1.017
0.4068	0.218	0.5030	0.780	0.5911	0.928
0.4084	0.172	0.5043	0.766	0.5924	0.988
0.4095	0.197	0.5054	0.806	0.5936	0.969
0.4107	0.232	0.5064	0.796	0.5946	1.026
0.4120	0.247	0.5075	0.794	0.5957	0.923
0.4130	0.225	0.5128	0.794		
0.4182	0.249	0.5141	0.787	2435395+	
0.4193	0.294	0.5151	0.814	0.2723	1.352
0.4203	0.348	0.5161	0.826	0.2739	1.406
0.4214	0.355	0.5172	0.799	0.2756	1.351
0.4224	0.355	0.5182	0.821	0.2770	1.356
0.4234	0.333	0.5193	0.819	0.2826	1.338

Table III (cont.)

J.D.	$m-m_o$
2435395+	
0.2843	1.390
0.2864	1.349
0.2881	1.353
0.2900	1.369
0.2986	1.282
0.3666	1.147
2435396+	
0.2635	1.013
0.2658	0.961
0.2678	0.999
0.2699	0.992
0.2806	0.866
0.2831	0.939
0.2860	0.922
0.2933	0.943
0.2962	1.025
0.2976	1.006
0.2995	0.988
0.3014	0.930
0.3362	0.965
0.3394	0.987
0.3446	0.969
0.3559	1.006
0.3731	1.039
0.3898	1.025
0.3941	1.043
0.3981	0.987
0.4075	1.028
0.4096	1.080
0.4120	1.124
0.4162	1.055
0.4193	0.998
0.4304	1.068
0.4339	1.129
0.4377	1.188
0.4405	1.180
0.4498	1.060
0.4521	1.064
0.4579	1.142
0.4610	1.193
0.4711	1.116
0.4731	1.118
0.4760	1.019
0.4843	1.080
0.4881	1.111
0.5131	1.187

J.D.	$m-m_o$
2435396+	
0.5162	1.158
0.5197	1.302
0.5231	1.095
0.5266	1.036
0.5301	1.086
0.5391	1.071
0.5409	0.974
0.5429	1.053
2435696+	
0.3362	0.813
0.3372	0.941
0.3382	0.871
0.3424	0.850
0.3433	0.753
0.3441	0.776
0.3452	0.848
0.3462	0.760
0.3473	0.765
0.3483	0.728
0.3497	0.675
0.3509	0.640
0.3594	0.543
0.3605	0.512
0.3615	0.507
0.3626	0.567
0.3636	0.557
0.3646	0.526
0.3657	0.501
0.3669	0.495
0.3683	0.493
0.3723	0.461
0.3738	0.369
0.3757	0.366
0.3778	0.327
0.3813	0.408
0.3841	0.188
0.3862	0.198
0.3886	0.203
0.4056	0.135
0.4077	0.103
0.4098	0.166
0.4119	0.115
0.4139	0.156
0.4164	0.160
0.4237	0.307
0.4257	0.289

J.D.	$m-m_o$
2435696+	
0.4278	0.260
0.4299	0.386
0.4320	0.263
0.4341	0.296
0.4514	0.420
0.4535	0.394
0.4556	0.540
0.4580	0.405
0.4639	0.309
0.4664	0.374
0.4691	0.309
2435720+	
0.4627	0.918
0.4645	0.907
0.4665	0.865
0.4687	0.847
0.4711	0.814
0.4763	0.845
0.4788	0.786
0.4815	0.799
2435728+	
0.3584	0.894
0.3604	0.903
0.3629	0.854
0.3653	0.812
0.3674	0.848
0.3729	0.859
0.3750	0.844
0.3771	0.760
0.3792	0.723
0.3812	0.688
0.3896	0.540
0.3924	0.468
0.3955	0.526
0.3983	0.423
0.4035	0.381
0.4059	0.432
0.4087	0.438
0.4167	0.176
0.4191	0.206
0.4389	0.083
0.4410	0.078
0.4431	0.113
0.4507	0.065
0.4524	0.110

Table III (cont.)

J.D.	$m-m_o$
2435728+	
0.4538	0.102
2435745+	
0.2777	1.025
0.2798	0.931
0.2819	0.980
0.2840	0.913
0.2860	1.009
0.2881	0.987
0.2937	0.942
0.2958	0.927
0.2979	0.933
0.2999	0.909
0.3020	0.969
0.3090	0.934
0.3110	0.930
0.3131	0.618
0.3159	0.779
0.3347	0.594
0.3367	0.598
0.3388	0.584
0.3409	0.604
0.3433	0.577
0.3517	0.671
0.3659	0.565
0.3756	0.565
0.4135	0.625
0.4124	0.640
0.4144	0.685
0.4169	0.691
0.4197	0.656
0.4374	0.676
0.4406	0.820
0.4541	0.753
0.4561	0.765
0.4583	0.796
0.4600	0.764
0.4621	0.805
2435747+	
0.2820	1.024
0.2841	1.066
0.2862	1.088
0.2883	0.995
0.2907	0.972
0.2966	0.982
0.2987	1.088
0.3008	1.080
0.3029	1.133
0.3050	1.034
0.3105	0.979
0.3125	1.052

J.D.	$m-m_o$
2435747+	
0.3147	1.062
0.3169	1.054
0.3185	1.041
0.3251	0.901
0.3272	0.902
0.3293	1.000
0.3313	1.005
0.3327	1.055
0.3383	0.968
0.3404	1.038
0.3425	1.016
0.3444	1.051
0.3466	1.002
0.3529	0.972
0.3550	0.964
0.3570	1.082
0.3591	0.865
0.3609	1.057
0.3806	1.005
0.3825	1.015
0.3848	0.964
0.3860	0.950
0.3886	0.976
0.4098	0.779
0.4119	0.686
0.4140	0.662
0.4161	0.761
0.4192	0.847
0.4251	0.720
0.4272	0.825
0.4296	0.734
2435748+	
0.3014	0.256
0.3035	0.233
0.3056	0.220
0.3077	0.183
0.3098	0.150
0.3160	0.136
0.3181	0.128
0.3202	0.121
0.3223	0.121
0.3244	0.123
0.3265	0.122
0.3320	0.107
0.3341	0.101
0.3362	0.093
0.3383	0.107
0.3403	0.111
0.3424	0.112
0.3480	0.113
0.3501	0.148

J.D.	$m-m_o$
2435748+	
0.3521	0.141
0.3542	0.170
0.3563	0.175
0.3584	0.192
0.3640	0.214
0.3660	0.215
0.3681	0.231
0.3702	0.242
0.3723	0.230
2435749+	
0.2817	0.993
0.2838	0.979
0.2859	0.977
0.2876	0.979
0.2928	1.014
0.2949	1.024
0.2970	1.071
0.2990	1.020
0.3018	1.057
0.3039	1.067
0.3085	1.051
0.3115	1.058
0.3136	1.075
0.3156	1.102
0.3178	1.166
0.3199	1.158
0.3254	1.094
0.3275	1.027
0.3296	1.065
0.3317	1.081
0.3338	1.075
0.3477	1.054
0.3497	1.105
0.4426	1.007
0.4449	1.019
0.4470	1.022
0.4490	1.006
0.4511	0.987
0.4568	1.020
0.4588	1.010
0.4605	1.000
0.4629	1.017
0.4650	0.988
0.4671	0.982
0.4725	0.966
0.4747	0.963
0.4789	0.827
0.4810	0.814
0.4831	0.887

Table IV

Photographic normal points

J.D.	m
2428009+	
0.553	10.58
2428047+	
0.390	11.10
0.410	11.13
0.430	11.16
0.450	11.20
0.470	11.22
0.490	11.25
0.510	11.28
0.530	11.31
0.550	11.35
0.570	11.40
0.590	11.42
0.610	11.44
2428048+	
0.500	10.98
0.520	10.88
0.540	10.84
0.560	10.87
2428489+	
0.540	10.43
2428790+	
0.470	10.79
0.490	10.88
0.510	10.97
0.530	11.04
0.550	11.12
0.570	11.20
0.590	11.28
2430258+	
0.280	11.02
0.310	11.09
0.450	11.43
0.480	11.44
0.500	11.46
0.520	11.47
0.540	11.48
0.560	11.48
0.580	11.47
0.600	11.46
2430259+	
0.260	11.07
0.280	11.14
0.300	11.20

J.D.	m
2430259+	
0.320	11.26
0.340	11.30
0.360	11.37
0.380	11.44
0.400	11.52
0.420	11.58
0.440	11.64
0.460	11.70
0.480	11.76
0.500	11.82
0.520	11.83
0.540	11.81
0.560	11.79
0.580	11.76
0.600	11.70
0.620	11.63
0.640	11.53
2430260+	
0.440	11.30
0.470	11.29
0.500	11.31
0.530	11.31
0.560	11.31
0.590	11.32
0.620	11.33
2430261+	
0.310	10.80
0.330	10.83
0.350	10.88
0.370	10.93
0.410	11.11
0.430	11.22
0.450	11.30
0.470	11.36
0.490	11.41
0.510	11.45
2430262+	
0.360	11.48
0.380	11.47
0.400	11.46
0.420	11.46
0.520	11.36
0.539	11.33
0.560	11.30
0.580	11.29

J.D.	m
2430262+	
0.600	11.28
2430266+	
0.450	11.66
0.470	11.60
0.490	11.56
0.510	11.55
0.530	11.55
0.550	11.55
0.570	11.55
0.590	11.57
0.610	11.60
0.630	11.63
2430267+	
0.460	11.62
0.490	11.61
2430285+	
0.410	10.59
0.415	10.48
0.420	10.37
0.425	10.32
0.430	10.33
0.435	10.35
0.440	10.37
0.445	10.39
0.450	10.41
2431684+	
0.370	10.71
0.390	10.88
0.410	11.04
2431695+	
0.310	11.55
0.340	11.55
0.370	11.55
0.400	11.55
0.430	11.55
0.460	11.54
0.490	11.54
2431703+	
0.470	11.26
0.500	11.27
0.530	11.27
0.560	11.28
0.580	11.30

Table IV (cont.)

J.D.	m
2431704+	
0.300	11.28
0.305	11.03
0.310	10.88
0.315	10.76
0.320	10.65
0.325	10.57
0.330	10.54
0.335	10.58
0.340	10.60
0.345	10.60
0.350	10.60
0.355	10.60
0.360	10.60
0.365	10.62
0.370	10.64
0.375	10.67
0.380	10.70
0.385	10.72
0.390	10.76
0.395	10.80
0.400	10.82
0.420	10.92
0.430	10.98
0.440	11.04
0.470	11.19
0.480	11.24
0.490	11.29
0.500	11.34
0.510	11.39
0.520	11.44
0.530	11.48
0.540	11.52
0.550	11.56
0.560	11.61
0.570	11.66
2431707+	
0.335	11.56
0.355	11.50
0.375	11.47
0.395	11.45
0.415	11.45
0.435	11.48
0.455	11.52
0.475	11.55
0.495	11.57
0.515	11.58
0.535	11.58

J.D.	m
2432092+	
0.415	11.54
0.435	11.47
0.475	11.32
0.495	11.23
0.535	11.03
2432094+	
0.460	11.61
0.480	11.62
0.500	11.62
0.515	11.61
2432095+	
0.400	11.34
0.420	11.34
0.460	11.38
2432097+	
0.380	11.56
0.390	11.58
0.405	11.62
0.420	11.64
0.470	11.68
0.490	11.67
0.530	11.61
2432421+	
0.395	11.45
0.405	11.49
0.430	11.58
0.445	11.64
0.460	11.69
0.505	11.78
2432441+	
0.395	11.50
0.415	11.56
0.435	11.61
0.490	11.68
0.540	11.64
0.585	11.50
0.605	11.43
2432444+	
0.335	11.41
0.350	11.42
0.365	11.43

J.D.	m
2432444+	
0.515	11.52
0.535	11.53
0.555	11.55
0.575	11.56
0.590	11.57
2432466+	
0.275	11.49
0.290	11.50
0.310	11.52
0.360	11.58
0.370	11.60
0.405	11.67
2432467+	
0.250	11.63
0.260	11.62
0.290	11.53
0.325	11.22
0.330	11.14
0.335	11.00
0.345	10.69
0.350	10.53
0.355	10.38
0.360	10.26
0.365	10.20
0.370	10.17
0.420	10.34
0.425	10.40
0.430	10.46
0.435	10.53
0.440	10.59
0.445	10.64
0.450	10.70
0.455	10.76
2432469+	
0.435	11.33
0.440	11.21
0.445	11.08
0.450	10.96
0.455	10.81
0.460	10.66
0.465	10.53
0.470	10.39
0.475	10.24
0.480	10.21

Table IV (cont.)

J.D.	m
2432469+	
0.485	10.24
0.490	10.24
0.495	10.21
0.500	10.21
0.505	10.26
0.510	10.30
0.515	10.35
0.520	10.38
0.525	10.42
0.530	10.47
0.535	10.51
0.540	10.56
0.545	10.61
2432472+	
0.290	11.28
0.310	11.28
0.330	11.28
2432474+	
0.420	11.45
0.440	11.38
0.460	11.31
0.480	11.27
0.500	11.24
0.520	11.23
0.540	11.24
2432479+	
0.390	11.42
0.400	11.39
0.410	11.32
0.420	11.26
0.430	11.19
0.435	11.14
0.440	11.08
0.445	11.02
0.450	10.95
0.455	10.87
0.460	10.78
0.465	10.70
0.470	10.63
0.475	10.58
0.480	10.53
0.485	10.49
0.490	10.48

J.D.	m
2432482+	
0.265	11.13
0.285	11.28
2432761+	
0.400	11.46
0.420	11.45
2432764+	
0.420	11.65
0.440	11.60
0.460	11.57
0.480	11.53
2432772+	
0.370	11.50
0.380	11.49
0.390	11.49
0.400	11.47
0.410	11.44
0.420	11.40
0.430	11.36
0.440	11.31
0.450	11.26
0.460	11.20
2432823+	
0.320	11.63
0.340	11.62
0.360	11.61
2432824+	
0.365	11.46
0.370	11.39
0.375	11.31
0.380	11.22
0.385	11.12
0.390	11.01
0.395	10.89
0.400	10.78
0.405	10.65
0.410	10.48
0.415	10.30
0.420	10.24
0.425	10.22
0.430	10.22
0.435	10.22

J.D.	m
2432824+	
0.440	10.23
0.445	10.25
0.450	10.26
0.455	10.29
0.460	10.31
0.465	10.35
0.470	10.39
0.475	10.43
2432826+	
0.410	11.40
0.460	11.58
2432829+	
0.250	11.27
0.260	11.21
0.270	11.19
0.280	11.19
0.290	11.22
0.300	11.25
0.310	11.26
0.320	11.25
0.330	11.20
0.340	11.16
0.350	11.16
0.360	11.23
0.370	11.30
2433075+	
0.410	10.98
0.415	10.85
0.420	10.70
0.425	10.58
0.430	10.47
0.435	10.38
0.440	10.32
0.445	10.29
0.450	10.30
0.455	10.33
0.460	10.38
0.465	10.43
0.470	10.47
2433085+	
0.420	10.57
0.425	10.47

Table IV (cont.)

J.D.	m
2433085+	
0.430	10.38
0.435	10.29
0.440	10.24
0.445	10.20
0.450	10.20
0.455	10.21
0.460	10.23
0.465	10.25
0.470	10.28
0.475	10.30
0.480	10.33
0.485	10.36
0.490	10.40
0.495	10.44
2433094+	
0.390	11.47
0.410	11.47
2433095+	
0.370	11.38
0.375	11.31
0.380	11.25
0.385	11.19
0.390	11.13
0.395	11.07
0.400	11.00
0.405	10.95
0.410	10.89
0.415	10.83
0.420	10.78
0.425	10.74
0.450	10.65
0.455	10.67
0.460	10.69
0.465	10.70
0.470	10.73
0.475	10.76
0.480	10.79
0.485	10.82
0.490	10.85
0.495	10.88
2433097+	
0.460	11.29
0.480	11.18
0.500	11.10

J.D.	m
2433097+	
0.525	10.99
2433112+	
0.350	11.21
0.370	11.20
0.390	11.20
0.410	11.20
0.430	11.20
0.450	11.21
0.470	11.21
2433124+	
0.340	11.42
0.360	11.38
0.380	11.34
0.400	11.32
0.420	11.28
0.440	11.25
0.460	11.27
0.480	11.30
0.500	11.34
0.520	11.39
2433126+	
0.410	11.59
0.430	11.48
0.450	11.39
0.470	11.31
0.490	11.23
0.510	11.18
0.530	11.14
2433134+	
0.350	11.21
0.360	11.09
0.370	10.99
0.380	10.92
0.390	10.91
0.400	10.92
0.410	10.95
0.420	10.98
0.440	11.04
0.460	11.11
0.480	11.19
0.500	11.26
0.520	11.31
0.540	11.35

J.D.	m
2433134+	
0.560	11.37
2433149+	
0.380	11.54
0.390	11.54
0.400	11.52
0.410	11.49
0.420	11.43
0.425	11.39
0.430	11.33
0.435	11.26
0.440	11.17
0.445	11.02
0.450	10.84
0.455	10.66
0.460	10.52
0.465	10.37
0.470	10.29
0.475	10.26
0.480	10.23
0.485	10.23
0.490	10.23
0.495	10.24
0.500	10.26
0.505	10.28
0.510	10.30
0.515	10.34
0.520	10.38
0.525	10.43
0.530	10.48
0.535	10.52
0.540	10.58
0.545	10.63
0.550	10.69
0.555	10.75
2433161+	
0.480	11.50
0.490	11.48
0.500	11.45
0.510	11.41
0.520	11.35
0.530	11.29
0.540	11.21
0.550	11.12
0.555	11.07
0.560	11.00

Table IV (cont.)

J.D.	m
2433161+	
0.565	10.91
0.570	10.81
0.575	10.67
0.580	10.56
0.585	10.52
0.590	10.49
0.595	10.49
0.600	10.49
0.605	10.49
0.610	10.50
2433179+	
0.285	11.52
2433183+	
0.530	11.53
0.540	11.49
0.550	11.42
0.555	11.37
0.560	11.27
0.565	11.15
0.570	11.00
0.575	10.81
0.580	10.62
0.585	10.48
0.590	10.34
0.595	10.28
0.600	10.23
0.605	10.21
0.610	10.20
0.615	10.20
0.620	10.22
2433184+	
0.255	10.89
0.275	10.94
0.295	11.00
0.315	11.08
0.335	11.19
0.355	11.29
2433189+	
0.260	11.41
0.280	11.42
0.300	11.42
0.310	11.39
0.320	11.34

J.D.	m
2433189+	
0.330	11.26
0.340	11.17
0.350	11.09
0.360	11.01
0.370	10.93
2433201+	
0.321	11.24
2433211+	
0.290	11.53
0.310	11.52
0.320	11.50
0.330	11.46
0.340	11.40
0.345	11.34
0.350	11.29
0.355	11.24
0.360	11.17
0.365	11.12
0.370	11.06
0.375	10.97
0.380	10.88
0.385	10.79
0.390	10.70
0.395	10.63
0.400	10.58
0.405	10.55
0.410	10.54
0.415	10.52
2433213+	
0.420	11.54
0.430	11.53
0.440	11.47
0.450	11.37
0.455	11.30
0.460	11.23
0.465	11.16
0.470	11.08
0.475	10.99
0.480	10.90
0.485	10.82
0.490	10.74
0.495	10.65
0.500	10.56
0.505	10.47

J.D.	m
2433213+	
0.510	10.42
0.515	10.38
0.520	10.37
0.525	10.38
0.530	10.39
0.535	10.44
0.540	10.49
0.545	10.55
2433248+	
0.245	11.31
0.250	11.24
0.255	11.16
0.260	11.10
0.265	11.04
0.270	10.99
0.275	10.93
0.280	10.88
0.285	10.82
0.290	10.77
2433452+	
0.430	11.15
0.450	11.10
0.460	11.06
0.470	11.00
0.480	10.95
0.490	10.89
0.500	10.85
0.510	10.80
0.520	10.77
0.530	10.78
2433482+	
0.345	11.20
0.365	11.19
2433484+	
0.360	11.43
0.380	11.42
0.400	11.41
0.420	11.40
0.440	11.41
0.450	11.41
0.460	11.34
0.470	11.27

Table IV (cont.)

J.D	m
2433484+	
0.480	11.18
0.490	11.10
0.500	11.03
0.510	10.96
0.520	10.88
0.530	10.80
0.540	10.71
0.550	10.63
2433485+	
0.360	11.61
0.380	11.67
0.400	11.70
0.420	11.73
0.440	11.76
0.460	11.78
0.500	11.72
0.510	11.65
0.520	11.57
0.530	11.47
0.540	11.39
0.550	11.30
2433504+	
0.390	11.27
0.395	11.15
0.400	11.06
0.405	10.96
0.410	10.88
0.415	10.81
0.420	10.74
0.425	10.66
0.430	10.61
0.435	10.57
0.440	10.55
0.445	10.55
0.450	10.55
0.455	10.56
2433505+	
0.350	11.72
0.370	11.74
0.390	11.74
0.410	11.74
0.430	11.73
0.450	11.73
0.470	11.73

J.D.	m
2433505+	
0.490	11.72
0.520	11.68
0.540	11.65
0.560	11.63
0.580	11.61
2433506+	
0.440	11.52
0.520	10.70
0.525	10.63
0.530	10.57
0.535	10.50
0.540	18.04
0.545	10.40
0.550	10.38
0.555	10.38
0.560	10.38
0.565	10.41
0.570	10.44
0.575	10.48
0.580	10.53
0.585	10.58
2433507+	
0.350	11.24
0.370	11.32
0.390	11.39
0.410	11.45
0.430	11.51
0.450	11.56
0.470	11.61
0.490	11.65
0.510	11.66
0.530	11.66
0.550	11.67
0.570	11.66
0.590	11.66
2433511+	
0.370	11.17
0.380	11.15
0.390	11.12
0.410	11.10
0.430	11.09

J.D.	m
2433511+	
0.450	11.09
0.470	11.10
0.490	11.10
0.510	11.13
2433514+	
0.340	11.30
0.360	11.26
0.380	11.20
0.400	11.13
0.420	11.05
0.440	10.96
0.450	10.94
0.460	10.94
0.480	11.00
0.500	11.06
2433516+	
0.460	11.38
0.480	11.32
0.490	11.27
0.500	11.22
0.510	11.16
0.520	11.09
0.530	11.03
0.540	10.97
0.550	10.92
0.560	10.88
0.570	10.86
2433536+	
0.320	11.55
0.340	11.51
0.360	11.45
0.370	11.40
0.380	11.33
0.390	11.25
0.400	11.16
0.410	11.08
0.420	11.00
0.430	10.93
0.440	10.85
0.450	10.78
0.460	10.74
0.470	10.72
0.480	10.75
0.490	10.79

Table IV (cont.)

J.D.	m
2433536+	
0.500	10.83
0.510	10.88
0.520	10.94
0.530	11.01
2433537+	
0.410	11.75
0.430	11.75
0.450	11.75
0.470	11.75
0.490	11.75
0.510	11.74
0.530	11.72
0.550	11.70
0.570	11.66
0.590	11.57
0.610	11.47
0.630	11.33
2433538+	
0.500	11.36
0.505	11.31
0.510	11.25
0.515	11.18
0.520	11.11
0.525	11.05
0.530	10.98
0.535	10.90
0.540	10.79
0.545	10.68
0.550	10.59
0.554	10.51
0.560	10.46
0.565	10.49
0.570	10.56
0.575	10.58
0.580	10.56
0.585	10.53
0.590	10.52
0.595	10.54
0.600	10.57
0.605	10.60
0.610	10.64
0.615	10.67
0.620	10.71
0.625	10.75
0.630	10.78

J.D.	m
2433545+	
0.330	11.71
0.350	11.70
2433562+	
0.230	11.30
0.245	11.35
0.260	11.41
0.275	11.45
2433563+	
0.230	11.65
0.240	11.64
0.250	11.63
0.260	11.61
0.270	11.57
0.280	11.51
0.285	11.46
0.290	11.41
0.295	11.36
0.300	11.30
0.305	11.25
0.310	11.16
0.315	11.05
0.320	10.94
0.325	10.81
0.330	10.70
0.335	10.60
0.340	10.50
0.345	10.41
0.350	10.32
0.355	10.24
0.360	10.29
0.365	10.35
0.370	10.37
0.375	10.36
0.380	10.32
0.385	10.38
0.390	10.46
0.400	10.61
0.405	10.66
0.410	10.72
0.420	10.78
0.430	10.85
0.440	10.92
0.450	10.96
0.460	11.03
0.470	11.09

J.D.	m
2433563+	
0.480	11.15
0.490	11.20
0.500	11.26
0.510	11.29
2433564+	
0.240	11.40
0.260	11.34
0.280	11.29
0.300	11.24
0.320	11.21
0.340	11.22
0.350	11.26
0.360	11.31
0.370	11.36
0.380	11.41
0.390	11.44
0.425	11.50
0.445	11.51
0.465	11.52
0.485	11.53
0.505	11.51
2433566+	
0.350	11.29
0.360	11.23
0.370	11.19
0.380	11.15
0.390	11.12
0.400	11.11
0.410	11.11
0.420	11.11
0.430	11.11
0.440	11.12
0.450	11.15
0.460	11.18
0.470	11.21
0.480	11.25
0.490	11.28
0.500	11.32
0.510	11.37
2433567+	
0.325	11.70
0.345	11.71
0.365	11.72
0.385	11.73

Table IV (cont.)

J.D.	m
2433567+	
0.405	11.73
0.425	11.72
0.445	11.71
0.465	11.70
0.485	11.67
0.505	11.62
0.515	11.55
0.525	11.45
0.535	11.37
0.545	11.28
2433568+	
0.225	11.45
0.245	11.50
0.265	11.53
0.285	11.57
0.400	11.47
0.410	11.40
0.420	11.32
0.430	11.24
0.440	11.16
0.450	11.10
0.460	11.05
0.470	11.00
0.480	10.98
0.490	10.95
0.500	10.93
0.510	10.92
0.520	10.92
0.530	10.92
0.540	10.94
0.550	10.97
0.560	11.01
0.570	11.06
0.580	11.12
0.590	11.18
0.600	11.26
2433569+	
0.230	11.20
0.250	11.26
0.270	11.30
0.480	11.67
0.500	11.69
0.520	11.69
0.540	11.69
0.560	11.68

J.D.	m
2433569+	
0.580	11.66
0.600	11.62
0.620	11.57
0.640	11.49
2433583+	
0.210	11.31
0.215	11.23
0.220	11.13
0.225	11.01
0.230	10.90
0.240	10.64
0.245	10.51
2433613+	
0.186	10.50
0.192	10.29
2433826+	
0.375	11.63
2433838+	
0.440	11.59
0.450	11.56
0.460	11.53
0.470	11.49
0.480	11.44
0.490	11.38
0.500	11.32
0.510	11.26
0.520	11.21
0.530	11.20
0.540	11.22
2433887+	
0.290	11.38
0.310	11.38
0.330	11.37
0.350	11.37
2433888+	
0.310	11.45
0.320	11.42
0.330	11.38
0.340	11.31
0.345	11.27
0.350	11.20

J.D.	m
2433888+	
0.355	11.12
0.360	11.04
0.365	10.94
0.370	10.82
0.375	10.68
0.380	10.58
0.385	10.49
0.390	10.42
0.395	10.40
0.400	10.38
0.405	10.38
0.410	10.38
0.415	10.39
0.420	10.40
0.425	10.41
0.430	10.43
0.435	10.45
0.440	10.48
0.445	10.51
0.450	10.55
0.455	10.58
0.460	10.62
0.465	10.66
0.470	10.70
0.475	10.74
0.480	10.78
2433889+	
0.310	11.38
0.320	11.34
0.330	11.30
0.340	11.28
0.350	11.26
0.360	11.25
0.370	11.24
0.380	11.25
0.410	11.28
0.430	11.31
0.450	11.35
0.470	11.40
0.490	11.44
0.510	11.48
2433890+	
0.370	11.61
0.410	11.55
0.440	11.51

Table IV (cont.)

J.D.	m
2433890+	
0.460	11.48
2433891+	
0.310	11.54
0.330	11.46
0.350	11.39
0.370	11.33
0.390	11.28
0.410	11.24
0.430	11.22
0.450	11.22
0.470	11.24
0.490	11.25
0.510	11.27
0.530	11.30
0.550	11.33
0.570	11.38
0.590	11.41
0.610	11.45
2433898+	
0.300	11.30
0.310	11.27
0.320	11.23
0.330	11.18
0.340	11.12
0.350	11.02
0.360	10.93
0.370	10.84
0.380	10.81
0.390	10.81
0.400	10.83
0.410	10.86
0.420	10.90
0.430	10.95
0.440	11.00
0.450	11.06
0.460	11.13
2433900+	
0.440	11.26
0.450	11.16
0.460	11.09
0.470	11.03
0.480	10.98
0.490	10.94
0.500	10.92

J.D.	m
2433900+	
0.510	10.91
0.520	10.91
0.530	10.91
0.540	10.92
0.550	10.94
0.560	10.97
0.570	11.01
0.580	11.07
0.590	11.14
0.600	11.22
2433920+	
0.335	11.61
0.345	11.43
0.355	11.24
2433924+	
0.380	11.67
0.400	11.69
0.420	11.70
0.440	11.70
0.460	11.64
0.470	11.61
0.480	11.58
0.490	11.58
0.500	11.61
0.510	11.65
0.520	11.66
0.530	11.65
0.540	11.63
0.550	11.60
0.560	11.56
0.570	11.51
0.580	11.46
0.585	11.43
0.590	11.39
0.595	11.34
0.600	11.27
0.605	11.18
0.610	11.10
0.615	10.99
0.620	10.88
0.625	10.77
0.630	10.67
0.635	10.58
0.640	10.49
0.645	10.40
0.650	10.38

J.D.	m
2433950+	
0.285	10.91
0.290	10.76
0.295	10.62
0.300	10.51
0.305	10.43
0.310	10.36
0.315	10.30
0.320	10.28
0.325	10.28
0.330	10.29
0.335	10.30
0.340	10.33
0.345	10.37
0.350	10.40
0.355	10.44
0.360	10.47
0.365	10.52
0.370	10.56
2433970+	
0.190	11.03
0.200	10.91
0.205	10.84
0.210	10.77
0.215	10.69
0.220	10.61
0.225	10.54
2433980+	
0.180	11.24
0.185	11.02
0.190	10.85
0.195	10.70
0.200	10.57
0.205	10.48
0.210	10.43
0.215	10.37
0.220	10.34
0.225	10.33
0.230	10.33
0.235	10.34
0.240	10.36
2433982+	
0.265	11.41
0.270	11.35
0.275	11.30
0.280	11.25

Table IV (cont.)

J.D.	m
2433982+	
0.285	11.18
0.290	11.11
0.295	11.03
0.300	10.95
0.305	10.87
0.310	10.57
0.315	10.44
0.320	10.35
0.325	10.28
0.330	10.25
0.355	10.33
2434192+	
0.385	11.45
0.405	11.46
0.425	11.46
0.445	11.46
0.465	11.45
0.485	11.44
0.505	11.42
0.525	11.41
2434214+	
0.390	11.30
0.410	11.32
0.430	11.36
0.450	11.40
0.470	11.44
0.490	11.47
0.509	11.49
0.530	11.51
2434215+	
0.460	11.57
0.470	11.55
0.480	11.50
0.490	11.46
0.495	11.41
0.500	11.37
0.505	11.31
0.510	11.25
0.515	11.18
0.520	11.11
0.525	11.01
0.530	10.88
0.535	10.73

J.D.	m
2434215+	
0.540	10.59
2434233+	
0.335	10.38
0.340	10.34
0.350	10.31
0.355	10.31
0.365	10.35
0.370	10.39
0.380	10.48
2434236+	
0.340	11.36
0.360	11.40
0.380	11.44
0.400	11.48
0.420	11.51
0.440	11.54
0.460	11.56
0.480	11.57
0.500	11.59
0.520	11.59
0.540	11.59
0.560	11.60
0.580	11.60
2434237+	
0.510	11.51
0.520	11.48
0.525	11.45
0.530	11.39
0.535	11.31
0.540	11.17
0.545	11.00
0.555	10.65
0.560	10.56
0.565	10.51
0.570	10.47
0.575	10.45
0.580	10.44
0.585	10.42
0.590	10.42
2434240+	
0.320	11.47
0.350	11.42
0.380	11.37

J.D.	m
2434240+	
0.410	11.33
0.440	11.30
0.470	11.27
0.500	11.25
0.530	11.24
0.560	11.27
0.590	11.31
2434243+	
0.320	10.81
0.325	10.65
0.330	10.53
0.335	10.43
0.340	10.37
0.345	10.32
0.350	10.30
0.355	10.30
0.360	10.31
0.365	10.33
0.370	10.37
0.375	10.41
0.380	10.46
0.390	10.54
0.400	10.61
0.410	10.68
0.420	10.77
0.430	10.85
0.440	10.94
2434253+	
0.300	11.06
0.310	10.95
0.320	10.87
0.330	10.81
0.340	10.82
0.350	10.85
0.360	10.88
0.370	10.91
2434254+	
0.290	11.64
0.320	11.55
0.350	11.47
0.380	11.40
0.410	11.38
0.440	11.39
0.460	11.42

Table IV (cont.)

J.D.	m
2434255+	
0.330	11.48
0.340	11.46
0.350	11.42
0.360	11.38
0.370	11.33
0.375	11.29
0.380	11.24
0.385	11.18
0.390	11.11
0.395	11.00
0.400	10.88
2434277+	
0.380	11.50
0.390	11.51
0.400	11.50
0.410	11.49
0.420	11.40
0.425	11.30
0.430	11.20
0.435	11.08
0.450	10.74
0.455	10.62
0.460	10.50
0.465	10.39
0.470	10.33
0.475	10.29
0.480	10.26
0.485	10.25
0.490	10.26
0.495	10.28
0.500	10.32
0.505	10.36
0.510	10.41
0.515	10.47
0.520	10.52
2434282+	
0.490	11.50
0.500	11.46
0.510	11.43
0.530	11.39
0.550	11.35
0.570	11.33
0.590	11.34
0.610	11.38

J.D.	m
2434282+	
0.630	11.44
2434284+	
0.270	11.53
0.300	11.51
0.330	11.48
0.360	11.43
0.390	11.36
0.420	11.31
0.450	11.30
0.480	11.32
0.510	11.35
0.540	11.39
0.570	11.41
0.600	11.43
0.620	11.45
2434295+	
0.255	10.62
0.260	10.56
0.265	10.53
0.270	10.51
0.275	10.50
0.280	10.51
0.285	10.54
0.290	10.58
0.295	10.63
0.300	10.67
0.305	10.72
0.310	10.76
0.315	10.82
0.320	10.88
0.325	10.94
0.330	11.00
2434304+	
0.250	11.66
0.270	11.64
0.290	11.62
0.335	11.56
0.355	11.49
0.390	11.32
0.400	11.25
0.410	11.19
0.420	11.13
0.430	11.06
0.440	11.01
0.450	10.99

J.D.	m
2434304+	
0.460	10.99
0.470	11.01
0.480	11.03
0.490	11.06
0.500	11.10
0.510	11.13
0.520	11.17
0.530	11.20
0.540	11.22
0.550	11.25
0.560	11.27
0.580	11.33
0.600	11.40
0.620	11.44
0.635	11.46
2434305+	
0.235	11.19
0.240	11.05
0.245	10.93
0.250	10.82
0.255	10.71
0.260	10.61
0.265	10.53
0.270	10.46
0.275	10.43
0.280	10.42
0.285	10.43
0.290	10.45
0.295	10.47
0.300	10.49
0.305	10.52
0.310	10.56
0.320	10.61
0.330	10.68
0.340	10.75
0.350	10.82
0.360	10.89
0.370	10.97
0.380	11.05
2434567+	
0.370	11.59
0.390	11.58
0.410	11.57
0.430	11.57
0.450	11.57

Table IV (cont.)

J.D.	m
2434567+	
0.470	11.54
0.495	11.38
0.505	11.32
0.515	11.29
0.525	11.29
0.535	11.31
0.545	11.34
2434569+	
0.470	11.43
0.490	11.43
2434598+	
0.330	10.52
0.340	10.59
0.350	10.65
0.360	10.72
0.369	10.78
2434600+	
0.345	11.47
0.350	11.41
0.355	11.34
0.360	11.26
0.365	11.19
0.370	11.09
0.375	10.99
0.380	10.87
0.385	10.74
0.390	10.65
0.395	10.53
0.400	10.46
0.405	10.40
0.410	10.36
0.415	10.35
0.420	10.33
0.425	10.32
0.430	10.32
0.435	10.33
0.440	10.34
0.445	10.36
0.450	10.39
2434601+	
0.340	11.57
0.360	11.53
0.380	11.51

J.D.	m
2434601+	
0.400	11.48
0.420	11.47
0.440	11.45
0.455	11.45
0.470	11.45
0.485	11.46
0.500	11.46
0.520	11.48
0.540	11.49
2434602+	
0.485	11.16
0.490	11.00
0.495	10.85
0.500	10.70
0.505	10.57
0.510	10.44
0.515	10.33
0.520	10.25
0.525	10.20
0.530	10.20
0.535	10.22
0.540	10.25
0.545	10.28
0.550	10.32
0.560	10.38
0.570	10.44
0.580	10.51
0.590	10.58
2434620+	
0.330	10.80
0.335	10.75
0.340	10.70
0.345	10.66
0.350	10.65
0.355	10.63
0.360	10.63
0.365	10.62
0.370	10.63
0.375	10.64
0.380	10.65
0.385	10.67
0.390	10.71
0.395	10.77
0.400	10.82
0.405	10.88

J.D.	m
2434620+	
0.410	10.94
0.415	11.02
0.420	11.10
2434622+	
0.440	10.39
0.450	10.39
0.460	10.42
0.470	10.45
0.480	10.51
0.490	10.59
0.500	10.67
0.510	10.76
0.520	10.83
0.530	10.91
0.540	10.99
0.550	11.07
0.560	11.16
0.570	11.25
2434624+	
0.475	11.11
0.490	11.05
0.500	10.99
0.510	10.89
0.520	10.74
0.525	10.67
0.530	10.61
0.535	10.54
0.540	10.48
0.545	10.44
0.550	10.40
0.555	10.37
0.560	10.35
0.565	10.34
0.570	10.35
0.575	10.36
0.580	10.38
0.585	10.42
0.590	10.46
0.600	10.61
0.610	10.76
0.620	10.92
2434629+	
0.310	11.55
0.330	11.47

Table IV (cont.)

J.D.	m
2434629+	
0.350	11.40
0.370	11.33
0.390	11.27
0.410	11.22
0.430	11.18
0.450	11.14
0.470	11.11
0.490	11.10
0.510	11.10
0.525	11.11
0.590	11.13
0.610	11.21
0.625	11.29
2434630+	
0.275	11.19
0.280	11.12
0.285	11.04
0.290	10.96
0.295	10.88
0.300	10.81
0.305	10.75
0.310	10.70
0.315	10.66
0.320	10.64
0.325	10.62
0.330	10.62
0.335	10.63
0.340	10.63
0.345	10.64
0.350	10.65
0.355	10.66
0.360	10.68
0.380	10.74
0.390	10.76
0.400	10.79
0.410	10.82
2434649+	
0.290	11.50
0.295	11.42
0.300	11.34
0.305	11.27
0.310	11.21
0.315	11.15
0.320	11.08
0.325	11.01

J.D.	m
2434649+	
0.330	10.95
0.335	10.89
0.340	10.82
0.345	10.75
0.350	10.68
0.355	10.61
0.360	10.55
0.365	10.51
0.370	10.49
0.375	10.49
0.380	10.50
0.385	10.52
0.390	10.55
0.400	10.63
0.410	10.70
0.420	10.78
2434652+	
0.255	11.37
0.265	11.28
0.275	11.18
0.285	11.09
0.295	10.99
0.305	10.90
0.315	10.82
0.320	10.79
0.325	10.78
0.330	10.78
0.335	10.80
0.345	10.86
0.355	10.94
0.365	11.01
0.375	11.08
0.385	11.14
0.395	11.21
0.405	11.28
2434654+	
0.400	11.19
0.410	11.09
0.420	11.00
0.430	10.91
0.440	10.82
0.450	10.73
0.460	10.64
0.465	10.60
0.470	10.59

J.D.	m
2434654+	
0.475	10.58
0.480	10.59
0.485	10.60
0.490	10.61
0.494	10.63
0.499	10.66
0.504	10.68
0.509	10.71
0.514	10.73
0.520	10.76
2434656+	
0.525	11.10
0.530	11.00
0.535	10.92
0.540	10.83
0.545	10.76
0.550	10.71
0.555	10.65
0.560	10.62
0.565	10.61
0.570	10.60
0.575	10.60
0.580	10.61
0.585	10.61
0.590	10.62
0.595	10.62
0.600	10.63
0.610	10.65
0.620	10.68
0.630	10.72
0.639	10.77
0.650	10.84
2434661+	
0.335	11.70
0.345	11.62
0.355	11.54
0.365	11.47
0.375	11.40
0.385	11.32
0.425	11.03
0.435	10.96
0.445	10.88
0.455	10.81
0.465	10.74
0.475	10.67

Table IV (cont.)

J.D.	m
2434662+	
0.305	11.02
0.315	10.94
0.325	10.86
0.335	10.79
0.345	10.73
0.355	10.69
0.360	10.67
0.365	10.66
0.370	10.65
0.375	10.66
0.380	10.67
0.385	10.68
0.390	10.70
0.400	10.75
0.410	10.79
0.420	10.83
0.430	10.87
0.440	10.92
0.450	10.97
0.460	11.02
2434664+	
0.390	11.47
0.395	11.39
0.400	11.30
0.405	11.22
0.410	11.14
0.415	11.05
0.420	10.97
0.425	10.87
0.430	10.79
0.435	10.71
0.440	10.65
0.445	10.60
0.450	10.56
0.455	10.52
0.460	10.51
0.465	10.50
0.470	10.52

J.D.	m
2434664+	
0.475	10.55
0.480	10.59
0.490	10.67
2434920+	
0.410	10.99
0.440	11.09
2434924+	
0.415	11.56
0.480	11.50
0.500	11.50
0.520	11.49
2434987+	
0.345	11.19
0.355	11.17
0.365	11.13
0.375	11.07
0.385	11.01
0.395	10.96
0.405	10.91
0.415	10.87
0.425	10.82
0.435	10.79
0.445	10.75
0.450	10.74
0.455	10.72
0.460	10.71
0.465	10.72
0.470	10.73
0.500	10.85
0.510	10.91
0.520	10.96
0.530	11.01
0.540	11.05
0.550	11.08
0.560	11.11
0.570	11.13

J.D.	m
2434987+	
0.580	11.15
0.590	11.17
0.600	11.20
0.610	11.21
2434989+	
0.410	11.55
0.420	11.55
0.430	11.52
0.440	11.49
0.450	11.36
0.460	11.07
0.465	10.98
0.470	10.88
0.475	10.79
0.480	10.71
0.490	10.62
0.500	10.57
0.510	10.54
0.520	10.54
0.530	10.56
0.540	10.61
0.550	10.66
0.560	10.72
0.570	10.80
2434990+	
0.360	11.62
0.380	11.61
0.400	11.60
0.415	11.60
0.480	11.63
0.500	11.65
0.520	11.67
2435009+	
0.350	11.40
0.370	11.40