



V A R I A B I L I A

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WAARNEMINGSRESULTATEN OKTOBER-DECEMBER

Het aantal waarnemingen gedaan in de laatste drie maanden van 1995 is beduidend hoger dan normaal. Dit is niet alleen te danken aan het weer, maar vooral aan de toegenomen activiteit van de waarnemers. Niet minder dan 3811 schattingen werden verricht door zeven waarnemers. Er zijn jaren geweest waarin de totale jaarproductie van de werkgroep minder dan dit getal was ! Onderstaande tabel geeft aan hoe de aantallen per maand over de diverse waarnemers verdeeld zijn. Bovendien zijn achter / de "inner sanctum" schattingen vermeld. Deze hebben betrekking op de positieve schattingen zwakker dan 13.7 alsmede de negatieve schattingen zwakker dan 14.0.

waarn en AAVSO-afk	OKT	NOV	DEC	tot	instrumenten
R.J. Bouma BMU	261/2	117/3	56/1	434	JB254, N156
G. Comello CMG	814/94	425/11	249/31	1488	SC280, SC200
E. van Dijk VDE	51		7	58	JB254, B50
H. Feijth FJH	629/148	293/53	343/60	1265	N305, JB254
H. van de Hil VDH	21			21	N110
J. Holtrop HJO	65/2		43/1	108	N256
R.J. Johanns JRJ	258/33	16	163/16	437	JB254
totaal	2099	851	861	3811	

OBSERVARIA

De verwachting dat Nova Cassiopeiae 1995 zich zou gedragen als HR Del (Nova 1967) is uitgekomen. In het midden van december vond een vrij scherp maximum plaats bij 7.5. Daarna daalde de helderheid weer tot ongeveer 9.5 nu (10 februari 1996). De andere nova in Cassiopeia (V705 Cas ofwel Nova Cas 1993) is nog steeds zichtbaar. Het lijkt erop dat het secundaire maximum dat meer dan een jaar geduurd heeft verlen tijd is; de helderheid is nu een halve magnitude gedaald tot 12.9.

De heldere dwergnovae vertoonden met uitzondering van U Geminorum (wij wachten nog steeds op het aanstaande brede maximum) behoorlijke activiteit; SS Cyg had drie uitbarstingen in het begin van november, het midden van december en eind januari, SS Aurigae twee uitbarstingen eind oktober en midden januari, RU Pegasi een uitbarsting omstreeks 10 december, terwijl Z Camelopardalis zich gedroeg als een U Gem ster met frekwente uitbarstingen. RX Andromedae daarentegen is als sinds de zomer het toonbeeld van saaiheid; de fase van constante helderheid ("stilstand") duurt nog steeds voort.

De liefhebbers van het waarnemen van RCB-sterren komen nu ruim aan hun trekken. R Coronae Borealis is nu ongeveer 13.6 sinds het einde van november. Gelukkig wordt deze ster in toenemende mate beter zichtbaar in de avonduren. SU Tauri is nog steeds zo zwak dat deze in een 30 cm alleen onder optimale omstandigheden te schatten is. Een aangename verrassing is bovendien de afname van de onlangs als zodanig herkende RCB-ster Z Ursae Minoris. In oktober nam de helderheid af van 11.5 tot 12.5 medio december. Daarna een versnelde afname tot 14.5 omstreeks nieuwjaar. Nu is Z UMi zelfs in forse instrumenten onzichtbaar.

De unieke veranderlijke FG Sagittae, waaraan onlangs aandacht besteed is in Zenit zoder evenwel te refereren naar onze waarnemingen, lijkt op de weg terug naar de helderheid die de ster had in de zomer van 1992 (9.2); begin januari was de helderheid 10.2.

De Mira-ster T Cassiopeiae is momenteel net voorbij het minimum; de helderheid bedroeg 11.5, wat iets zwakker is dan het ooit helderst waargenomen minimum (11.3, gemiddeld 11.9). Daarentegen is het minimum van SS Cas gelijk aan het ooit zwakst waargenomen minimum (13.4). De gemiddelde minimale helderheid van SS Cas bedraagt 13.0. Relatief zwakke maxima vonden plaats bij W Pegasi en R Lacertae; W Peg had eind november een maximum van 8.7 (gemiddeld 8.2, zwakst 9.4). R Lac had eind oktober een maximum van 9.7 hetgeen slechts 0.3 magnitude helderder is dan het ooit zwakst geziene maximum. De spreiding in de maximale helderheid bij deze ster is 8.4 en 10.0 (gemiddeld 9.1).

STATISTISCHE WETENSWAARDIGHEDEN

In de nu volgende tabel is per waarnemer aangegeven hoeveel schattingen gedaan zijn van sterren helderder dan de zesde grootte, van de zevende grootte enzovoort tot en met de vijftiende grootte. Wij zien derhalve in één oogopslag wie heldere sterren waarneemt of zwakkere.

Waarn	<=6	7	8	9	10	11	12	13	14	15	totaal
BMM	6	0	2	0	1	8	4	7	9	4	52
BMU	74	59	196	360	304	450	551	252	80	16	2342
CMG	33	47	192	441	610	777	682	621	379	133	3923
VDE	30	13	27	61	46	66	112	21	1	0	377
FJH	1	14	82	276	472	812	910	1001	774	441	4862
VDH	15	11	15	25	8	2	0	0	0	0	76
HJO	0	3	37	75	65	84	82	65	13	0	425
JRJ	11	21	110	188	232	215	216	194	113	3	1326
KPG	0	1	1	4	6	10	3	7	3	0	35
SAQ	0	0	0	3	1	1	0	0	0	0	5

Ook hebben wij nagegaan of er per waarnemer een voorkeur bestaat om een schatting te leveren die eindigt op een bepaald cijfer. Men zou verwachten dat zo'n voorkeur niet bestaat als het aantal waarnemingen dat een bepaalde waarnemer heeft gedaan maar groot genoeg is. Ik laat het aan de lezer over om te beoordelen in hoeverre sprake is van een bepaalde voorkeur.

Waarn	0	1	2	3	4	5	6	7	8	9	totaal
BMM	5	9	3	1	4	3	8	4	9	6	52
BMU	243	235	247	239	250	233	244	215	207	229	2342
CMG	397	375	377	410	377	478	422	371	374	342	3923
VDE	43	35	42	62	35	44	41	16	22	37	377
FJH	487	479	475	498	477	483	473	515	508	467	4862
VDH	11	7	8	7	7	8	6	5	5	12	76
HJO	33	42	42	51	51	48	45	41	38	34	425
JRJ	200	89	145	141	110	174	125	113	129	100	1326
KPG	4	6	4	2	6	2	3	3	5	0	35
SAQ	0	0	1	0	2	0	1	0	1	0	5

-----	006.4	9.4	FJH	042.3	11.5	BMU	034.4	12.5	FJH	033.4	12.3	FJH	000.3	9.7	FJH
000451 SS Cas	011.4	10.0	CMG	042.5	11.4	HJO	035.3	12.3	CMG	041.3	12.5	FJH	011.3	10.0	CMG
type Mira	012.5	10.1	FJH	046.4	11.5	CMG	046.4	12.3	CMG	066.3	13.5	FJH	011.3	10.1	BMU
	012.5	10.1	JRJ	057.4	11.5	FJH	047.3	12.6	FJH	067.3	13.5	JRJ	012.5	10.2	JRJ
996.3 12.9 BMU	018.6	10.5	HJO	072.3	12.0	JRJ	066.3	12.9	FJH	072.3	13.7	FJH	014.3	10.5	FJH
996.4 12.4 JRJ	020.5	10.6	FJH	076.3	11.4	CMG	078.4	12.7	CMG	-----			018.4	10.5	CMG
001.5 11.6 HJO	023.3	10.6	CMG	076.3	11.6	FJH	-----			004435 V And			018.6	10.0	HJO
009.3 11.2 FJH	033.5	11.3	FJH	-----			003162 TY Cas			type Mira			020.3	10.5	BMU
009.5 11.1 JRJ	035.3	11.4	CMG	001838 R And			type Mira						023.3	10.8	CMG
011.3 11.0 CMG	047.2	11.8	CMG	type Mira						992.4	9.7	CMG	025.5	10.6	FJH
011.3 11.1 BMU	057.3	12.2	FJH				996.3	12.6	CMG	992.6	9.9	JRJ	033.5	10.8	FJH
016.5 10.5 HJO	066.4	12.3	FJH	991.6	15.2	CMG	011.3	12.8	CMG	996.5	9.9	FJH	042.3	11.1	BMU
016.5 10.6 JRJ	067.4	12.6	JRJ	009.3	14.6	FJH	011.4	12.8	FJH	006.4	9.8	FJH	046.4	11.6	CMG
020.3 10.1 VDE	072.3	12.8	FJH	011.6	14.5	JRJ	018.4	13.3	CMG	011.4	9.8	CMG	047.5	11.7	FJH
020.3 10.3 BMU	-----			012.3	14.6	CMG	019.5	13.0	FJH	012.4	10.0	JRJ	057.4	12.3	FJH
023.3 10.3 CMG	001726 T And			018.3	13.3	FJH	023.4	13.4	CMG	012.4	10.3	FJH	066.5	12.6	FJH
035.3 10.1 CMG	type Mira			018.5	13.8	CMG	033.5	13.3	FJH	018.5	10.0	CMG	067.4	12.4	JRJ
042.3 10.0 BMU				018.6	13.5	HJO	043.4	13.4	FJH	020.5	10.2	FJH	076.3	12.6	FJH
042.5 10.1 HJO	992.4	9.7	CMG	033.4	11.4	FJH	067.3	14.4	FJH	023.3	10.1	CMG	076.4	12.7	CMG
046.4 10.1 CMG	992.5	9.5	JRJ	035.3	11.7	CMG	-----			033.4	10.6	FJH	-----		
055.5 10.5 HJO	996.5	9.6	FJH	039.4	11.1	FJH	003179 Y Cep			035.3	10.8	CMG	004958 W Cas		
066.5 11.5 HJO	006.4	9.4	FJH	046.4	11.3	CMG	type Mira			041.3	10.9	FJH	type Mira		
067.4 11.2 JRJ	011.4	9.5	CMG	057.3	10.9	FJH				046.4	11.4	CMG			
076.3 12.4 CMG	011.5	9.7	JRJ	067.3	10.2	JRJ	009.4	14.6	FJH	057.3	11.8	FJH	993.5	10.4	JRJ
078.3 12.3 FJH	012.4	9.5	FJH	076.3	10.3	FJH	015.2	14.9	CMG	066.3	12.4	FJH	996.3	10.4	CMG
-----	016.3	9.5	BMU	078.4	9.8	CMG	019.5	14.6	FJH	067.3	12.3	JRJ	996.3	10.6	BMU
000862 UX Cas	016.3	9.6	VDE	-----			043.3	13.9	FJH	072.3	12.8	FJH	009.5	11.0	JRJ
type SRB	018.5	9.5	CMG	0019-09 S Cet			067.3	12.7	FJH	078.4	12.7	CMG	011.3	10.7	CMG
	018.6	9.8	HJO	type Mira			078.3	11.5	JRJ	-----			011.3	11.0	BMU
996.4 10.5 CMG	023.3	9.5	CMG				081.3	11.4	CMG	004533 RR And			015.5	10.8	FJH
011.3 10.0 CMG	034.4	9.5	FJH	992.4	9.3	CMG	-----			type Mira			018.4	10.8	CMG
018.4 10.2 CMG	035.3	9.7	CMG	015.3	9.4	CMG	004047 U Cas						020.3	11.2	BMU
023.4 10.2 CMG	046.4	10.0	CMG	016.4	9.8	FJH	type Mira			992.4	9.4	CMG	020.3	11.3	VDE
035.3 10.1 CMG	047.3	9.5	FJH	042.4	10.8	CMG				992.6	9.7	JRJ	023.3	10.9	CMG
046.4 10.4 CMG	060.3	10.4	JRJ	067.3	11.9	FJH	991.6	15.4	CMG	996.5	9.7	FJH	035.3	11.3	CMG
076.3 10.4 CMG	076.3	11.0	FJH	-----			011.4	15.6	FJH	006.4	10.1	FJH	035.3	11.6	FJH
-----	078.4	11.4	CMG	002230 YZ And			015.2	15.2	CMG	011.4	10.0	CMG	042.3	11.8	BMU
000928 UW And	-----			type Mira			018.5	15.5	FJH	012.4	10.5	FJH	046.4	11.6	CMG
type Mira	001755 T Cas						039.4	14.0	FJH	012.4	10.6	JRJ	057.4	11.6	FJH
	type Mira			992.4	11.5	CMG	047.5	13.4	FJH	018.5	11.0	CMG	072.3	11.9	JRJ
992.4 11.8 CMG				011.4	13.0	CMG	057.4	12.2	FJH	020.5	10.6	FJH	076.3	11.9	CMG
009.4 12.5 FJH	996.3	9.8	CMG	018.5	13.5	CMG	066.5	11.5	FJH	033.4	11.7	FJH	078.3	11.8	FJH
011.4 12.3 CMG	996.3	10.3	BMU	-----			067.4	11.4	JRJ	035.3	11.9	CMG	-----		
018.5 12.8 CMG	996.4	10.0	JRJ	002725A TU And			076.3	11.3	FJH	041.3	12.1	FJH	005840 RX And		
018.6 12.6 HJO	000.3	10.4	FJH	type Mira			-----			046.4	12.4	CMG	type UGZ		
020.5 12.8 FJH	001.5	10.6	HJO				004132 RW And			066.3	13.1	FJH			
041.3 13.6 FJH	009.5	10.9	JRJ	992.4	11.0	CMG	type Mira			067.3	13.5	JRJ	992.32	11.5	CMG
047.3 13.5 CMG	011.3	10.6	CMG	992.5	11.1	FJH				072.3	13.5	FJH	992.37	11.5	FJH
067.3 14.2 FJH	011.3	10.8	BMU	006.4	11.6	FJH	992.4	10.1	CMG	078.4	13.5	CMG	992.55	11.1	JRJ
-----	014.3	10.9	FJH	011.4	11.6	CMG	996.5	10.6	FJH	-----			996.29	11.7	BMU
001046 X And	018.4	10.5	CMG	012.5	11.5	JRJ	006.4	11.1	FJH	004746A RV Cas			996.32	11.6	FJH
type Mira	021.3	11.1	BMU	016.3	11.7	BMU	011.4	11.0	CMG	type Mira			996.37	11.5	CMG
	023.3	11.0	CMG	016.3	11.7	VDE	012.4	11.0	JRJ				999.31	11.5	CMG
992.4 8.9 CMG	025.5	11.1	FJH	018.5	11.8	CMG	012.4	11.2	FJH	992.6	9.5	JRJ	006.42	11.8	FJH
992.6 8.7 JRJ	033.5	11.1	FJH	021.4	11.8	FJH	018.5	11.4	CMG	996.3	9.5	CMG	009.26	11.5	FJH
996.5 9.3 FJH	035.3	11.2	CMG	023.3	12.1	CMG	020.5	11.8	FJH	996.3	9.7	BMU	011.26	11.6	BMU

011.39	11.5	CMG	type Nb	042.23	8.5	CMG	992.43	15.0	FJH	992.4	:15.0	CMG	076.3	9.9	FJH
012.29	11.6	BMU		042.26	8.5	BMU	011.38<15.4		FJH	009.4	14.5	FJH	-----		
012.35	11.5	FJH	992.36	9.0	FJH	042.53	8.2	HJO	016.34	14.4	FJH	011.4	14.6	CMG	012031 TY Psc
012.37	11.5	CMG	992.56	9.2	HJO	046.43	8.5	CMG	019.45<15.4		FJH	016.4	14.5	JRJ	type UGSU
012.41	11.1	JRJ	992.61	9.0	JRJ	047.27	8.5	BMU	021.45<15.4		FJH	018.5	:14.6	CMG	
014.26	11.5	CMG	992.64	9.1	BMU	047.45	8.9	FJH	043.34	14.4	FJH	019.5	14.6	FJH	992.38 12.3 FJH
014.28	11.5	BMU	992.64	8.9	VDE	048.24	8.6	BMU	047.34	14.0	FJH	042.4	14.3	CMG	996.32 12.4 FJH
014.28	11.5	VDE	993.66	9.1	BMU	066.22	7.4	BMU	-----			047.3	14.3	FJH	-----
014.41	11.2	JRJ	996.28	9.0	BMU	066.46	7.7	FJH	010940 U And			066.4	13.7	FJH	012350 RZ Per
014.44	11.6	FJH	996.37	9.1	CMG	066.53	7.5	HJO	type Mira			072.3	13.6	FJH	type Mira
015.26	11.7	BMU	996.40	9.2	VDE	067.21	7.3	BMU				076.4	12.7	CMG	
015.34	11.5	CMG	996.67	9.1	VDE	067.39	7.5	CMG	992.4	12.2	FJH	078.3	12.8	JRJ	992.4 13.4 CMG
015.47	11.5	FJH	999.29	9.0	BMU	070.32	7.3	BMU	992.4	12.5	CMG	-----			011.3 12.1 CMG
016.27	11.6	VDE	999.42	8.9	VDE	072.32	7.9	BMU	006.4	12.7	FJH	011272 S Cas			016.4 11.9 JRJ
016.27	11.7	BMU	000.32	9.3	FJH	072.43	7.9	FJH	012.4	12.9	JRJ	type Mira			018.4 11.8 CMG
018.46	11.6	CMG	001.51	8.8	HJO	072.56	8.0	JRJ	018.3	12.8	FJH				023.3 11.0 CMG
018.52	11.5	FJH	004.45	9.0	VDE	073.21	7.2	CMG	018.5	13.1	CMG	996.3	9.7	BMU	035.3 10.9 CMG
018.59	11.2	HJO	005.26	9.0	BMU	073.25	8.1	BMU	020.5	13.3	HJO	996.3	10.0	CMG	047.2 10.3 CMG
019.38	11.5	CMG	006.41	9.2	FJH	074.29	8.1	CMG	039.4	13.3	FJH	011.3	9.5	CMG	072.6 10.4 JRJ
020.24	11.5	CMG	007.26	8.9	BMU	076.28	8.3	BMU	047.2	13.7	CMG	011.3	9.9	BMU	078.3 10.4 CMG
020.26	11.6	BMU	009.26	8.8	BMU	076.29	8.4	CMG	066.3	14.1	FJH	014.3	10.0	FJH	-----
020.26	11.6	VDE	009.27	9.2	FJH	076.34	9.0	FJH	067.3	14.2	JRJ	021.3	9.9	BMU	012502 R Psc
020.51	11.6	FJH	009.52	8.6	JRJ	078.32	8.6	BMU	072.3	14.2	FJH	023.3	9.9	CMG	type Mira
020.51	11.2	HJO	011.28	8.8	BMU	078.34	9.3	FJH	078.4	14.4	CMG	033.5	9.9	FJH	
021.18	11.5	CMG	011.32	8.7	CMG	079.34	8.7	BMU	-----			035.3	10.0	CMG	992.4 14.5 CMG
021.25	11.5	BMU	011.38	9.2	VDE	079.45	9.4	FJH	011041A UZ And			046.4	10.3	CMG	011.4 14.5 CMG
021.44	11.4	FJH	012.29	8.9	BMU	080.38	8.7	BMU	type Mira			057.4	10.8	FJH	016.4 14.3 JRJ
023.25	11.5	CMG	012.32	9.2	FJH	080.44	8.6	CMG				076.3	10.4	CMG	018.5 14.4 CMG
025.53	11.5	FJH	014.25	8.9	CMG	080.52	8.9	FJH	992.4	13.6	CMG	078.3	11.2	FJH	019.5 13.9 FJH
026.67	11.4	BMU	014.28	8.9	BMU	081.38	8.8	BMU	992.4	13.8	FJH	-----			042.4 12.5 CMG
033.44	11.5	FJH	014.28	9.0	VDE	082.26	8.9	BMU	009.3	14.1	FJH	011712 U Psc			047.3 11.4 FJH
034.43	11.5	FJH	014.32	9.2	FJH	-----			011.4	14.3	CMG	type Mira			076.3 9.5 CMG
035.26	11.6	BMU	015.26	8.8	BMU	0101-02 Z Cet			018.3	14.3	FJH				078.3 9.4 JRJ
035.37	11.5	CMG	016.27	8.9	VDE	type Mira			018.5	14.2	CMG	992.4	11.6	CMG	-----
039.43	11.5	FJH	016.27	8.8	BMU				020.5	<14.6	HJO	992.5	11.7	FJH	012746 SX And
042.25	11.5	CMG	016.53	8.7	HJO	015.3	10.4	CMG	043.4	15.0	FJH	009.4	11.5	FJH	type Mira
042.25	11.5	BMU	018.30	8.8	BMU	022.4	10.6	CMG	066.3	15.3	FJH	011.4	11.0	CMG	
047.26	11.6	BMU	018.53	8.7	HJO	042.4	11.9	CMG	072.3	15.3	FJH	014.4	11.0	JRJ	992.4 14.3 CMG
047.35	11.5	FJH	018.54	9.2	FJH	-----			-----			018.5	11.3	CMG	996.3 13.6 FJH
047.37	11.5	CMG	019.39	8.9	CMG	010621A X Psc			011055A VZ Cas			019.4	11.5	FJH	006.4 13.6 FJH
048.24	11.5	BMU	019.66	8.7	BMU	type Mira			type Mira			034.4	11.8	FJH	018.5 14.0 FJH
057.28	11.4	FJH	020.31	8.9	VDE							042.4	12.0	CMG	043.4 13.6 FJH
066.36	11.4	FJH	020.34	9.2	FJH	009.4	12.6	FJH	996.3	12.3	CMG	047.3	12.5	FJH	066.4 13.3 FJH
067.22	11.5	BMU	020.34	9.3	VDE	012.4	12.8	CMG	000.3	12.6	FJH	066.4	13.4	FJH	-----
067.27	11.4	FJH	020.51	8.5	HJO	016.4	12.5	JRJ	011.3	13.1	CMG	072.3	13.7	FJH	013050 KT Per
067.29	11.1	JRJ	021.25	8.7	BMU	018.5	12.6	CMG	018.4	13.0	CMG	078.3	13.9	JRJ	type UGZ
072.26	11.5	FJH	023.26	8.9	CMG	019.4	12.1	FJH	018.5	13.5	FJH	-----			
076.27	11.6	BMU	023.67	8.7	BMU	034.4	11.5	FJH	023.4	13.2	CMG	012020 RX Psc			992.43 13.8 FJH
076.27	11.5	VDE	026.32	8.6	JRJ	042.4	10.3	CMG	035.3	13.2	CMG	type Mira			011.38 13.7 FJH
076.32	11.5	FJH	026.68	8.6	BMU	047.3	10.2	FJH	046.4	12.7	CMG				016.34 13.4 FJH
078.33	11.5	FJH	033.33	9.0	FJH	076.3	8.8	FJH	076.3	10.9	CMG	011.4	14.3	FJH	018.35 12.7 FJH
078.41	11.4	CMG	035.26	8.6	BMU	076.4	8.7	CMG	078.3	11.1	FJH	019.4	13.5	FJH	019.46 12.5 FJH
080.27	11.6	FJH	035.27	8.3	CMG	-----			-----			034.4	12.5	FJH	020.49 12.7 FJH
081.34	11.5	CMG	035.32	8.4	FJH	010937 FO And			011208 S Psc			042.4	11.1	CMG	021.33 13.0 FJH
-----			035.37	8.6	HJO	type UG			type Mira			047.3	10.8	FJH	043.34 13.5 FJH
005953	N95	Cas	041.34	8.7	FJH							066.4	10.1	FJH	066.25 14.2 FJH

072.27 12.5 FJH	011.3 10.7 BMU	066.47 13.1 FJH	011.4 11.3 CMG	078.3 7.4 JRJ	018.4 5.8 CMG
-----	011.3 10.7 CMG	067.47 13.5 FJH	012.5 11.3 FJH	-----	020.3 5.9 BMU
013238 RU And	014.3 10.9 FJH	072.43 14.2 FJH	018.4 11.8 CMG	022132 S Tri	020.3 6.0 VDH
type SRa	016.4 10.7 JRJ	-----	021.3 11.8 FJH	type Mira??	035.4 6.0 CMG
992.6 13.1 JRJ	018.4 10.2 CMG	021024 R Ari	023.3 12.1 CMG	012.5 11.2 JRJ	042.3 6.2 BMU
012.4 12.9 JRJ	020.3 10.3 BMU	type Mira	035.4 12.7 CMG	023.3 11.8 CMG	047.2 6.7 CMG
021.4 12.1 FJH	020.3 10.5 VDE	992.4 11.6 CMG	043.3 13.5 FJH	047.2 11.5 CMG	048.2 6.4 BMU
034.4 11.9 FJH	035.3 9.5 CMG	992.5 11.3 FJH	047.4 13.6 CMG	067.4 11.0 JRJ	067.3 7.7 JRJ
067.3 11.0 JRJ	047.2 8.9 CMG	992.6 11.4 JRJ	067.3 14.1 FJH	078.4 10.7 CMG	078.4 8.2 CMG
-----	047.3 8.7 BMU	009.4 12.0 FJH	078.3 14.3 JRJ	-----	079.4 8.7 FJH
013338 Y And	072.6 8.5 JRJ	-----	-----	022150 RR Per	024217 T Ari
type Mira	015457 V666 Cas	011.3 12.4 CMG	0214-03 Mira	type Mira	type SRa
992.4 11.3 FJH	type Mira	012.5 12.1 JRJ	type Mira	992.4 12.4 CMG	992.4 8.5 CMG
992.4 11.4 CMG	992.4 13.5 CMG	015.3 11.8 BMU	996.7 8.7 BMU	996.3 11.9 FJH	011.4 8.8 CMG
992.6 11.2 JRJ	996.3 13.6 FJH	018.4 12.2 CMG	011.4 8.8 CMG	011.3 10.4 CMG	018.4 9.0 CMG
006.4 12.8 FJH	009.4 13.8 FJH	018.5 12.3 FJH	012.5 8.8 JRJ	014.3 10.2 FJH	042.4 8.8 CMG
011.4 13.4 CMG	009.4 13.8 FJH	034.4 11.4 FJH	014.4 9.0 FJH	016.4 9.8 JRJ	047.3 9.3 CMG
012.4 13.3 JRJ	014.3 13.7 CMG	035.4 12.0 CMG	015.4 9.1 CMG	018.4 10.0 CMG	078.3 9.8 CMG
016.3 13.3 FJH	020.5 13.8 FJH	047.3 10.8 CMG	018.7 9.0 BMU	023.3 9.3 CMG	-----
018.5 13.8 CMG	080.4 12.8 CMG	067.3 10.1 JRJ	022.4 9.1 CMG	035.3 8.7 CMG	030226 Z Ari
033.4 14.2 FJH	015912 S Ari	076.3 9.6 FJH	042.3 9.2 BHU	035.3 8.9 FJH	type Mira
039.4 14.2 FJH	type Mira	078.3 9.3 CMG	042.4 9.1 CMG	072.6 10.3 JRJ	016.5 14.7 FJH
066.2 14.9 FJH	992.4 13.9 CMG	-----	067.2 9.1 BHU	078.3 10.3 CMG	047.4 :14.6 FJH
072.3 15.0 FJH	009.4 14.1 FJH	021143A W And	078.3 9.1 CMG	078.5 10.3 FJH	066.4 :14.6 FJH
079.5 14.6 CMG	011.4 14.1 CMG	type Mira	079.3 8.9 BMU	-----	-----
-----	014.4 14.1 JRJ	992.4 12.1 CMG	079.3 9.0 FJH	0228-13 U Cet	030514 U Ari
013937 AR And	018.4 14.1 CMG	992.6 12.0 JRJ	-----	type Mira	type Mira
type UGSS	018.5 14.1 FJH	006.4 12.9 FJH	021558 S Per	015.4 12.7 CMG	992.4 9.5 CMG
992.37 12.0 FJH	047.4 14.6 FJH	011.4 13.3 CMG	type SRC	022.4 12.8 CMG	011.4 9.9 CMG
996.32 12.6 FJH	066.4 :15.3 FJH	012.5 12.7 JRJ	992.3 10.7 CMG	042.4 11.5 CMG	012.5 9.6 FJH
019.46:15.4 FJH	-----	016.3 12.7 BMU	996.4 10.4 VDH	081.3 9.1 CMG	012.5 10.2 JRJ
066.24 15.4 FJH	020227 Z Tri	016.3 12.9 FJH	011.3 10.5 CMG	-----	018.4 10.0 CMG
072.27 11.9 FJH	type Mira	018.5 13.0 CMG	011.3 10.6 BHU	022980 RR Cep	021.4 10.0 FJH
076.32 11.7 FJH	996.5 12.4 FJH	042.4 13.3 FJH	014.3 10.4 FJH	type Mira	023.3 9.9 CMG
078.34 12.4 FJH	009.4 13.3 FJH	047.2 14.2 CMG	020.3 10.4 VDE	015.2 14.8 CMG	034.4 10.7 FJH
-----	018.5 13.9 FJH	066.2 14.5 FJH	020.3 10.7 BMU	016.5 :14.5 FJH	042.4 10.8 FJH
014958 X Cas	041.3 :14.6 FJH	067.3 13.6 JRJ	020.3 10.8 VDH	067.3 13.2 FJH	042.4 11.0 CMG
type Mira	-----	072.3 14.6 FJH	023.3 10.8 CMG	078.3 13.1 JRJ	067.3 12.3 FJH
993.5 11.1 JRJ	020657A Tz Per	079.5 13.9 CMG	035.3 11.1 CMG	081.3 13.0 CMG	072.3 12.5 FJH
996.3 10.8 CMG	type UGz	021258 T Per	047.2 11.3 CMG	-----	078.3 12.5 CMG
009.5 11.6 JRJ	992.43 12.6 FJH	type SRC	047.3 10.8 BMU	023133 R Tri	078.3 12.5 JRJ
011.3 11.0 CMG	996.33 12.8 FJH	992.3 8.7 CMG	078.3 11.3 CMG	type Mira	-----
023.3 11.3 CMG	009.44 13.7 FJH	011.3 8.8 CMG	079.2 10.9 FJH	-----	031170 V667 Cas
035.3 11.4 CMG	011.39 13.0 FJH	018.4 8.8 CMG	-----	0220-00 R Cet	type Mira
072.6 12.0 JRJ	016.35 13.5 FJH	035.3 8.8 CMG	0220-00 R Cet	type Mira	992.4 7.5 CMG
076.3 12.1 CMG	018.35 14.1 FJH	079.5 9.0 CMG	type Mira	992.6 7.1 JRJ	996.4 6.9 BMU
-----	019.46 14.1 FJH	-----	011.4 10.9 CMG	996.5 7.0 VDH	011.5 9.4 VDH
015254 U Per	020.49 14.1 FJH	021281 Z Cep	012.5 10.8 JRJ	011.3 6.3 CMG	014.4 9.5 FJH
type Mira	041.33 13.6 FJH	type Mira	015.4 10.8 CMG	011.4 6.0 BMU	-----
992.3 10.9 CMG	043.34 13.5 FJH	996.4 10.6 CMG	022.4 10.8 CMG	011.4 6.0 VDH	0314-01 X Cet
993.5 11.0 JRJ	047.35 13.0 FJH	001.4 11.1 FJH	042.4 9.7 CMG	012.5 6.0 JRJ	type Mira
			078.3 7.1 CMG	014.4 6.3 FJH	011.4 9.6 CMG

015.4	9.6	CMG	047.27	13.1	BMU			076.3	10.9	BMU	012.5	12.7	JRJ	012.8	12.8	CMG	
022.4	9.7	CMG	066.47	13.1	FJH	992.3	14.0	CMG	076.3	11.3	FJH	012.6	12.3	CMG	018.6	12.9	CMG
042.4	11.9	CMG	072.44	13.1	FJH	992.5	14.0	FJH	078.3	10.9	CMG	018.5	12.7	CMG	023.6	12.9	CMG
078.3	12.1	CMG	-----			009.4	13.7	FJH	079.5	10.9	JRJ	023.6	12.2	CMG	042.4	11.5	CMG
-----			035716	TZ	Tau	011.3	13.7	CMG	-----			042.4	11.4	CMG	067.4	10.8	CMG
032043	Y	Per	type	Mira		014.5	12.8	JRJ	044617	V	Tau	047.4	11.4	FJH	072.4	10.5	JRJ
type	Mira					016.5	13.3	FJH	type	Mira		072.4	9.5	JRJ	078.4	10.0	CMG
			991.6	14.3	CMG	018.4	12.7	CMG				076.4	9.4	FJH	-----		
992.3	10.0	CMG	014.6	13.9	CMG	023.4	12.3	CMG	011.4	13.7	CMG	078.4	9.4	CMG	052607	BK	Ori
996.5	10.2	VDH	042.4	13.2	CMG	025.5	12.3	FJH	011.4	13.8	FJH	-----			type	Mira	
011.3	10.1	BMU	080.4	12.2	CMG	035.3	11.0	CMG	012.5	13.8	JRJ	050953	R	Aur			
011.3	10.2	CMG	-----			042.4	10.3	FJH	018.4	13.6	CMG	type	Mira		019.5	11.0	FJH
018.4	10.4	CMG	040150	FO	Per	047.2	10.5	CMG	018.5	13.5	FJH				043.5	10.8	FJH
020.3	10.3	VDE	type	UG		076.3	9.5	FJH	026.5	13.2	FJH	999.5	8.6	FJH	-----		
020.3	10.4	BMU				078.3	9.3	CMG	039.5	12.0	FJH	999.6	8.5	CMG	053326	RR	Tau
023.3	10.4	CMG	996.48	13.9	FJH	078.4	9.3	JRJ	042.3	11.4	CMG	011.5	8.7	CMG	type	INAS	
035.3	10.2	CMG	011.39	13.0	FJH	-----			067.5	9.9	JRJ	014.4	8.5	JRJ			
047.2	9.9	CMG	019.47	<15.5	FJH	043208	RX	Tau	078.4	9.4	CMG	014.4	8.7	FJH	999.6	11.0	CMG
047.3	9.9	BMU	047.35	12.8	FJH	type	Mira		078.5	9.1	FJH	018.5	9.0	CMG	011.5	12.3	CMG
078.3	9.7	CMG	-----						-----			023.3	9.0	CMG	018.5	11.9	CMG
-----			041619	T	Tau	011.5	12.7	CMG	044907	FG	Ori	035.4	9.0	CMG	023.3	12.2	CMG
032335	R	Per	type	INT		012.5	12.4	JRJ	type	Mira		042.4	9.2	CMG	042.3	11.0	CMG
type	Mira					015.5	13.0	FJH				076.3	10.4	FJH	078.4	11.7	CMG
			999.5	10.0	VDH	018.5	12.7	CMG	019.5	14.3	FJH	078.3	10.6	CMG	081.3	11.7	CMG
992.4	9.2	CMG	012.6	10.4	JRJ	023.4	12.8	CMG	043.5	<14.5	FJH	078.4	10.9	JRJ	-----		
993.5	9.0	JRJ	067.5	10.3	JRJ	041.5	13.2	FJH	-----			-----			053337	RU	Aur
011.3	9.4	CMG	-----			042.4	13.3	CMG	045307	R	Ori	052034	S	Aur	type	Mira	
012.5	9.4	JRJ	041916	VX	Tau	047.4	13.3	FJH	type	Mira		type	SRA				
012.5	9.7	FJH	type	Mira		067.3	14.3	FJH							011.5	14.7	FJH
018.4	9.7	CMG				072.4	14.2	JRJ	012.5	13.4	JRJ	014.4	13.1	JRJ	018.5	14.8	FJH
020.3	9.9	BMU	016.5	<14.5	FJH	078.4	14.2	CMG	012.6	13.6	CMG	072.4	12.7	JRJ	043.4	13.6	FJH
020.3	10.2	VDE	043.5	<14.5	FJH	-----			018.5	13.8	CMG	-----			066.4	13.0	FJH
023.3	10.1	CMG	067.3	12.2	FJH	043274	X	Cam	023.6	13.6	CMG	052036	W	Aur	072.4	13.4	JRJ
025.5	9.9	FJH	078.5	12.9	CMG	type	Mira		042.4	13.5	CMG	type	Mira		072.5	12.9	FJH
033.5	10.6	FJH	-----						072.4	12.8	JRJ				079.5	13.5	CMG
035.3	10.8	CMG	042209	R	Tau	992.3	8.9	CMG	078.4	12.3	CMG	999.5	9.8	FJH	080.5	12.9	FJH
047.2	12.3	CMG	type	Mira		996.4	8.8	CMG	-----			999.6	9.9	CMG	-----		
047.3	11.7	BMU				999.5	8.9	FJH	0455-14	R	Lep	011.5	10.0	CMG	053531	U	Aur
047.3	11.8	FJH	011.5	13.0	FJH	011.3	9.0	BMU	type	Mira		012.4	9.7	FJH	type	Mira	
066.5	13.3	FJH	012.5	13.9	JRJ	011.3	9.5	CMG				014.4	9.8	JRJ			
072.3	13.6	FJH	012.6	13.4	CMG	012.5	9.5	FJH	080.4	11.2	CMG	018.5	10.2	CMG	011.4	13.9	FJH
072.6	13.6	JRJ	018.4	13.1	CMG	016.5	10.0	JRJ	-----			023.3	9.8	CMG	012.6	13.9	CMG
078.3	14.0	CMG	023.4	13.3	CMG	018.4	10.1	CMG	045935	AQ	Aur	025.4	10.2	FJH	018.5	13.4	CMG
-----			042.3	12.3	CMG	021.3	10.1	BMU	type	Mira		035.4	10.2	CMG	018.5	13.9	FJH
032443	GK	Per	047.4	12.2	FJH	021.3	10.4	FJH				042.4	10.6	FJH	023.3	13.5	CMG
type	Na		072.4	11.2	JRJ	023.4	10.3	CMG	999.6	12.2	CMG	042.4	10.7	CMG	042.4	13.3	CMG
			078.5	10.6	FJH	025.5	11.2	FJH	011.5	11.3	CMG	066.4	11.5	FJH	043.4	13.1	FJH
996.49	13.1	FJH	-----			033.5	11.5	FJH	018.5	11.2	CMG	072.4	11.6	JRJ	072.4	12.6	JRJ
009.44	13.0	FJH	042309	S	Tau	035.3	11.3	BMU	023.3	11.2	CMG	072.5	11.7	FJH	072.5	12.4	FJH
011.30	13.1	BMU	type	Mira		035.3	11.3	CMG	035.4	11.1	CMG	078.3	12.0	CMG	078.3	12.5	CMG
012.36	13.6	CMG				039.4	11.9	FJH	042.4	11.1	CMG	080.5	12.1	FJH	080.5	12.3	FJH
015.26	13.2	BMU	012.5	14.3	JRJ	042.3	12.1	BMU	078.3	12.0	CMG	-----			-----		
018.54	13.1	FJH	016.5	14.9	FJH	047.2	12.3	CMG	-----			0524-04	S	Ori	053538	SZ	Aur
020.27	13.1	BMU	-----			048.2	12.2	BMU	050003A	V	Ori	type	Mira		type	Mira	
034.44	13.0	FJH	043065	T	Cam	066.4	11.9	FJH	type	Mira							
043.35	13.1	FJH	type	Mira		067.2	12.1	BMU				012.5	13.5	JRJ	996.5	10.9	FJH

999.6 10.8 CMG	type Mira	-----	042.47 14.7 FJH	023.3 11.4 CMG	type Mira
011.5 11.2 CMG		060443 RR Aur	043.43 14.8 FJH	025.4 11.5 FJH	
012.4 11.4 FJH	999.6 7.3 CMG	type Mira	047.45 14.7 FJH	035.4 11.3 CMG	992.4 10.4 CMG
018.5 11.4 CMG	012.5 6.9 FJH		066.40 15.4 FJH	042.4 10.5 CMG	014.6 10.1 CMG
023.3 11.6 CMG	012.6 6.9 CMG	991.6 14.0 CMG	067.44 15.1 FJH	042.4 11.2 FJH	018.5 10.2 CMG
025.4 11.8 FJH	012.6 6.9 JRJ	011.5 14.2 FJH	072.29 15.4 FJH	078.3 9.9 CMG	023.4 10.3 CMG
035.4 11.8 CMG	018.5 7.1 CMG	018.5 14.5 FJH	079.46 15.2 CMG	078.4 10.3 JRJ	042.4 10.4 CMG
039.5 12.2 FJH	026.6 6.7 CMG	042.5 14.4 FJH	-----	080.5 10.3 FJH	080.4 11.1 CMG
042.4 12.1 CMG	042.4 7.2 CMG	066.4 14.6 FJH	060746A ST Aur	-----	-----
066.4 12.8 FJH	072.4 8.2 JRJ	072.4 14.6 FJH	type Mira	0617-02 V Mon	062574 SU Cam
072.5 13.0 FJH	076.4 8.4 FJH	-----		type Mira	type Mira
078.3 13.0 CMG	078.4 8.2 CMG	060450 X Aur	996.5 11.3 FJH		
080.5 12.9 FJH	-----	type Mira	999.6 11.6 CMG	991.6 7.3 CMG	992.3 11.0 CMG
-----	054974 V Cam		011.5 11.8 CMG	999.6 7.3 CMG	996.4 10.9 CMG
054319 SU Tau	type Mira	993.5 11.8 JRJ	011.5 12.2 FJH	012.6 8.2 CMG	011.3 11.7 CMG
type RCB		999.6 11.1 CMG	018.4 12.5 FJH	019.0 8.3 CMG	012.5 11.6 FJH
	015.3 14.5 CMG	011.5 10.3 CMG	018.5 12.1 CMG	026.6 9.0 CMG	018.4 12.1 CMG
011.5 <15.1 FJH	016.5 15.0 FJH	014.4 9.6 FJH	018.6 12.1 HJO	042.4 9.4 CMG	019.5 12.0 FJH
012.6 <15.2 CMG	079.5 13.5 JRJ	014.4 9.6 JRJ	023.3 12.6 CMG	072.5 10.3 JRJ	023.4 12.5 CMG
016.5 :16.0 FJH	080.4 13.8 CMG	018.5 9.4 CMG	025.4 13.1 FJH	078.5 10.8 CMG	025.5 12.2 FJH
019.5 :16.2 FJH	-----	018.6 9.4 HJO	043.4 13.9 FJH	-----	041.3 12.8 FJH
043.5 <15.5 FJH	055439 AZ Aur	023.3 9.4 CMG	066.6 13.9 HJO	061725 ZZ Gem	067.4 13.8 FJH
066.5 :16.2 FJH	type Mira	035.4 9.3 CMG	067.4 :14.5 FJH	type Mira	072.4 14.0 FJH
067.5 :16.3 FJH		042.4 9.1 CMG	072.4 :14.5 FJH		080.4 14.2 CMG
072.4 :16.5 FJH	999.6 10.6 CMG	066.6 9.0 HJO	079.5 13.7 CMG	999.6 10.7 CMG	-----
-----	011.5 11.0 CMG	072.5 10.0 JRJ	-----	012.6 10.6 CMG	063025 BR Gem
054615A Z Tau	012.4 10.9 FJH	078.3 9.3 CMG	061115 CZ Ori	018.5 10.7 CMG	type Mira
type Mira	018.5 11.3 CMG	-----	type UGSS	026.6 10.3 CMG	
	023.3 11.4 CMG	060547 SS Aur		042.4 10.5 CMG	999.6 11.4 CMG
012.6 12.8 JRJ	025.4 11.3 FJH	type UGSS	011.50 13.0 FJH	078.4 9.4 CMG	012.6 11.6 CMG
012.6 13.0 CMG	035.4 12.3 CMG		019.50<15.0 FJH	-----	018.5 12.0 CMG
016.5 13.7 FJH	042.4 11.8 CMG	991.56 15.3 CMG	020.50<15.0 FJH	061824 CD Gem	042.4 13.3 CMG
018.5 13.0 CMG	066.4 12.1 FJH	993.53:14.5 JRJ	042.46 12.3 FJH	type Mira	079.5 12.1 CMG
023.4 13.3 CMG	072.5 12.0 FJH	016.51 14.3 FJH	043.45 12.5 FJH		-----
042.4 13.4 CMG	078.3 12.0 CMG	018.44 10.7 FJH	072.44 14.5 FJH	991.6 11.5 CMG	063159 U Lyn
042.5 13.6 FJH	080.5 12.1 FJH	018.49 10.9 CMG	-----	999.6 11.8 CMG	type Mira
067.3 13.7 FJH	-----	018.60 10.6 HJO	061275 W Cam	012.6 11.8 CMG	
072.4 13.8 JRJ	055716 RR Ori	019.38 10.9 CMG	type Mira	018.5 11.7 CMG	991.6 13.2 CMG
078.4 13.5 CMG	type Mira	019.44 10.7 FJH		026.6 12.3 CMG	999.6 13.3 CMG
-----		020.29 10.8 BMU	992.3 11.7 CMG	042.4 12.9 CMG	011.5 13.4 FJH
054615C RU Tau	991.6 12.9 CMG	020.29 10.6 VDE	996.4 11.7 CMG	-----	012.4 13.3 CMG
type Mira	019.6 11.7 CMG	020.49 10.7 FJH	011.3 13.3 CMG	061925 VV Gem	016.4 13.8 JRJ
	026.6 11.3 CMG	020.64 10.7 CMG	018.4 12.7 CMG	type Mira	018.5 13.9 CMG
011.5 11.2 CMG	042.4 10.7 CMG	021.26 10.8 BMU	023.4 13.1 CMG		018.5 14.0 FJH
012.6 11.0 JRJ	078.4 10.5 CMG	021.35 10.8 FJH	080.4 14.5 CMG	018.5 13.9 FJH	042.5 14.5 FJH
016.5 10.8 FJH	-----	021.38 10.8 CMG	-----	-----	067.5 14.7 FJH
018.5 11.0 CMG	060246 VY Aur	022.42 10.8 CMG	061647 V Aur	061947 GQ Aur	072.4 15.0 FJH
023.4 10.9 CMG	type Mira	022.48 10.9 FJH	type Mira	type Mira	078.4 14.5 CMG
042.4 11.0 CMG		023.29 10.9 CMG			078.4 14.6 JRJ
042.5 10.8 FJH	996.5 10.6 FJH	023.68 10.8 BMU	993.5 12.0 JRJ	996.5 11.5 FJH	-----
067.3 10.7 FJH	012.5 10.7 FJH	025.42 11.3 FJH	996.5 12.3 FJH	012.5 11.3 FJH	063308 R Mon
072.4 11.1 JRJ	025.4 11.2 FJH	026.47 11.6 FJH	999.6 11.9 CMG	025.4 11.5 FJH	type Ina
078.5 11.2 FJH	039.5 11.2 FJH	026.60 11.8 CMG	011.5 11.9 CMG	042.4 11.7 FJH	
078.5 11.4 CMG	066.4 12.5 FJH	026.71 11.8 BMU	012.5 12.1 FJH	066.6 12.5 HJO	012.6 11.4 CMG
-----	072.4 12.7 FJH	039.45 14.9 FJH	014.4 11.3 JRJ	-----	026.6 11.6 CMG
054920A U Ori	080.5 12.8 FJH	041.48 14.7 FJH	018.5 11.4 CMG	062564 RT Cam	078.5 11.6 CMG

042.49 14.2 FJH	043.46 12.6 FJH	072.6 7.5 JRJ	047.37 13.3 CMG	080.4 :14.8 CMG	019.64 11.8 CMG
042.50 14.2 BMU	047.50 14.6 FJH	078.5 7.6 CMG	047.37 13.3 FJH	-----	026.60 13.4 CMG
043.46 14.2 FJH	066.39 11.5 FJH	-----	048.24 13.4 BMU	083013 UY Cnc	047.52 12.3 FJH
047.50 14.2 FJH	067.47 11.5 FJH	081473 Z Cam	057.43 11.5 FJH	type Mira	066.48 13.3 FJH
066.39 14.2 FJH	067.57 11.0 HJO	type UGZ	066.41 12.7 FJH		067.47 12.9 FJH
067.44 14.7 FJH	072.42 11.8 FJH		067.22 13.5 BMU	012.6 11.9 CMG	072.45 13.0 FJH
072.42 14.2 FJH	079.46 12.5 FJH	992.44 11.6 CMG	067.39 13.3 CMG	018.7 11.7 CMG	072.60 13.1 JRJ
072.49 14.3 JRJ	080.42 13.1 CMG	992.64 11.5 VDE	067.43 13.3 FJH	047.5 12.4 FJH	078.45 12.9 CMG
078.42 14.3 JRJ	080.53 13.1 FJH	992.64 11.6 BMU	067.60 12.7 HJO	072.5 13.4 FJH	078.50 13.4 FJH
079.46 14.4 CMG	080.72 13.2 BMU	996.28 11.6 BMU	072.42 13.3 FJH	078.5 13.7 CMG	080.42 12.8 CMG
080.72 14.1 BMU	-----	996.37 11.5 CMG	076.18 11.6 VDE	-----	080.53 12.7 FJH
-----	080523 RR Cnc	996.47 11.5 FJH	076.26 10.7 BMU	083019 U Cnc	-----
075320 BP Gem	type Mira	001.55 12.0 FJH	076.32 10.8 FJH	type Mira	090425 W Cnc
type Mira		009.51:13.3 HJO	078.26 11.3 FJH		type Mira
	016.5 12.6 FJH	011.26 13.3 BMU	078.32 10.9 BMU	019.6 14.5 CMG	
023.6 11.5 CMG	019.6 12.4 CMG	011.49 13.3 FJH	078.41 11.5 CMG	047.5 :14.9 FJH	012.6 15.1 CMG
042.4 11.8 CMG	026.6 12.4 CMG	012.25 13.3 BMU	078.44 11.1 JRJ	066.5 13.7 FJH	018.7 15.4 CMG
079.5 13.8 CMG	047.5 11.4 FJH	012.36 13.3 FJH	079.26 11.6 FJH	072.6 13.5 JRJ	047.5 14.3 FJH
-----	076.4 9.2 FJH	012.36 13.2 CMG	079.34 11.4 BMU	078.5 12.6 FJH	067.5 14.1 FJH
080362 SU UMa	078.5 9.7 CMG	014.27 13.2 CMG	080.27 12.0 FJH	079.5 12.7 CMG	072.5 13.9 FJH
type UGSU	-----	014.27 13.1 BMU	080.44 11.7 CMG	079.6 12.6 JRJ	072.6 13.5 JRJ
	080837 RT Lyn	014.27 13.2 VDE	081.34 11.7 CMG	-----	079.5 13.1 CMG
011.52 13.8 FJH	type Mira	015.26 13.3 BMU	-----	083350 X UMa	-----
016.51 13.8 FJH		015.34 13.2 CMG	081617 V Cnc	type Mira	093178 Y Dra
018.52 13.8 FJH	991.6 10.2 CMG	015.48 13.3 FJH	type Mira		type Mira
018.62 13.9 HJO	011.5 10.6 FJH	016.27 13.2 BMU		991.6 11.5 CMG	
019.49 13.8 FJH	012.6 10.8 CMG	016.27 13.2 VDE	993.6 8.6 CMG	012.6 13.1 CMG	996.3 11.1 CMG
020.49 13.8 FJH	018.5 10.8 FJH	016.48 13.2 JRJ	999.6 8.5 CMG	016.5 13.3 FJH	001.5 10.4 FJH
022.48 12.1 FJH	018.7 10.9 CMG	016.51 13.2 FJH	012.6 8.1 CMG	018.7 13.3 CMG	011.3 9.8 CMG
025.53 13.7 FJH	026.6 11.0 CMG	018.51 13.2 CMG	015.5 8.3 FJH	026.6 14.3 CMG	012.3 9.5 FJH
041.47 14.2 FJH	041.5 11.3 FJH	018.51 13.3 HJO	026.6 7.9 CMG	047.5 14.7 FJH	018.3 9.2 CMG
042.47 13.8 BMU	067.5 12.5 FJH	018.52 13.4 FJH	072.6 8.9 JRJ	067.5 15.4 FJH	023.3 9.0 CMG
042.48 13.8 FJH	072.5 12.6 FJH	018.65 13.1 BMU	076.4 9.0 FJH	081.3 14.7 CMG	035.2 8.8 CMG
043.44 13.8 FJH	080.4 12.9 CMG	019.38 13.2 CMG	078.5 9.1 CMG	-----	047.3 8.5 CMG
047.44 13.8 FJH	-----	019.46 13.3 FJH	-----	084803 S Hya	076.5 9.8 FJH
066.41 12.1 FJH	081040 W Lyn	019.66 13.0 BMU	081633 T Lyn	type Mira	078.3 10.1 CMG
067.43 12.7 FJH	type Mira	020.26 13.1 BMU	type Mira		-----
067.59 13.4 HJO		020.26 13.2 VDE		012.6 8.5 CMG	093720 RS Leo
072.42 13.8 FJH	991.6 10.9 CMG	020.50 13.4 FJH	999.6 12.9 CMG	018.7 8.6 CMG	type Mira
-----	999.6 10.4 CMG	021.26 13.2 BMU	011.5 12.5 FJH	026.6 8.8 CMG	
080428 YZ Cnc	011.5 11.3 FJH	022.48 13.3 FJH	012.6 12.7 CMG	072.6 11.4 JRJ	015.6 10.4 CMG
type UGSU	012.6 10.8 CMG	023.37 13.1 CMG	016.5 12.2 JRJ	078.5 11.6 CMG	023.6 11.0 CMG
	018.5 11.4 FJH	023.66 13.2 BMU	018.5 12.5 FJH	-----	026.6 10.7 CMG
999.64 12.1 CMG	026.6 11.4 CMG	025.53 12.9 FJH	018.7 12.4 CMG	0850-08 T Hya	047.5 12.4 FJH
011.52 14.7 FJH	041.5 11.9 FJH	026.47 10.9 FJH	026.6 12.4 CMG	type Mira	066.5 13.5 FJH
012.62 12.7 CMG	067.5 13.2 FJH	026.68 10.8 BMU	041.5 11.8 FJH		072.4 13.7 FJH
016.52 14.6 FJH	072.5 13.6 FJH	033.48 11.2 FJH	067.5 11.5 FJH	018.7 7.8 CMG	079.5 13.4 CMG
018.52:14.6 FJH	080.4 14.3 CMG	034.45 11.2 FJH	076.5 11.3 FJH	026.6 7.8 CMG	079.6 :14.2 JRJ
019.50 12.1 FJH	-----	035.26 10.5 BMU	078.4 11.3 CMG	081.6 10.7 CMG	-----
019.64 12.2 CMG	081112 R Cnc	035.36 10.8 CMG	078.4 11.5 JRJ	-----	093934 R LMi
020.50 12.1 FJH	type Mira	041.47 12.7 FJH	080.5 11.3 FJH	085518 SY Cnc	type Mira
022.49:14.4 FJH		042.27 13.2 BMU	-----	type UGZ	
026.60 13.1 CMG	993.6 8.4 CMG	042.37 13.0 CMG	081935 X Lyn		991.6 8.8 CMG
041.48 12.0 FJH	999.6 7.5 CMG	042.46 12.9 FJH	type Mira	993.62 12.0 CMG	012.6 9.3 CMG
042.46 12.1 FJH	012.6 7.0 CMG	043.44 13.0 FJH		012.62 13.0 CMG	015.5 9.3 FJH
042.50 12.1 BMU	026.6 6.5 CMG	047.26 13.4 BMU	016.5 <14.4 JRJ	018.67 11.9 CMG	018.6 9.5 CMG

026.6 9.5 CMG	type Mira	042.5 12.8 BMU	type Mira	992.4 12.5 JRJ	133273 T UMi
042.5 9.8 BMU		047.5 12.3 FJH		996.3 12.5 BMU	type Mira
066.6 10.9 HJO	991.6 10.2 CMG	076.3 8.3 VDE	026.6 12.7 CMG	996.3 12.7 CMG	
072.5 11.1 FJH	012.6 11.0 CMG	076.3 8.4 BMU	081.6 9.3 CMG	011.2 13.6 CMG	996.3 9.9 CMG
078.5 11.2 CMG	015.5 11.1 FJH	076.5 8.7 FJH	-----	011.3 13.5 BMU	996.3 10.0 BMU
079.5 11.2 JRJ	018.6 12.2 CMG	078.4 8.0 JRJ	122001 SS Vir	011.6 13.3 JRJ	999.5 10.7 FJH
080.5 11.7 FJH	026.6 11.5 CMG	078.4 8.5 CMG	type Mira	018.6 13.3 CMG	011.2 11.3 CMG
-----	042.5 12.5 BMU	-----		026.6 13.7 CMG	014.5 11.5 JRJ
093952 ER Uma	047.5 12.5 FJH	104814 W Leo	081.6 7.5 CMG	080.4 :14.5 CMG	015.3 11.2 BMU
type UG	066.5 13.3 FJH	type Mira	-----	-----	015.5 11.2 FJH
	066.6 13.5 HJO		122532 T CVn	123961 S Uma	023.3 11.7 CMG
018.55 13.1 FJH	072.5 13.7 FJH	019.6 13.8 CMG	type Mira	type Mira	035.2 12.2 CMG
018.69 13.3 BMU	078.5 13.7 CMG	026.6 13.7 CMG			078.3 13.7 CMG
047.52 12.7 FJH	079.5 13.6 JRJ	081.6 14.9 CMG	026.6 10.3 CMG	992.4 8.9 JRJ	078.5 13.8 JRJ
067.46 13.4 FJH	-----	-----	079.6 10.8 JRJ	996.3 8.6 BMU	-----
076.29 13.5 BMU	094836 U Lmi	110506 S Leo	081.6 10.9 CMG	996.3 8.6 CMG	134440 R CVn
078.51:13.2 FJH	type Sra	type Mira	-----	011.2 8.6 CMG	type Mira
-----			123160 T UMa	011.3 8.4 BMU	
094211 R Leo	991.6 11.9 CMG	026.6 10.7 CMG	type Mira	011.6 8.5 JRJ	012.3 11.5 BMU
type Mira	012.6 12.0 CMG	079.6 12.9 JRJ		012.2 8.9 FJH	014.6 11.3 CMG
	018.6 11.7 CMG	081.6 12.3 CMG	992.4 8.5 JRJ	018.3 8.7 CMG	026.6 11.2 CMG
993.6 10.0 CMG	026.6 11.7 CMG	-----	996.3 8.6 BMU	020.3 8.4 BMU	048.2 10.2 BMU
996.7 10.0 CMG	078.5 12.3 CMG	1107-06 U Crt	996.3 8.6 CMG	020.3 8.4 VDH	079.5 9.5 CMG
996.7 10.7 BMU	-----	type Mira	011.2 8.9 CMG	020.3 8.6 VDE	079.6 9.1 JRJ
012.6 10.0 CMG	095421 V Leo		011.3 8.7 BMU	026.6 8.5 CMG	-----
014.7 10.0 BMU	type Mira	081.6 10.6 CMG	011.6 8.9 JRJ	042.5 8.1 BMU	140113 Z Boo
018.7 10.1 CMG		-----	012.2 9.0 FJH	072.5 8.3 JRJ	type Mira
019.7 9.8 BMU	012.6 13.9 CMG	113639 RU Uma	018.3 9.1 CMG	076.3 8.3 BMU	
023.6 9.8 CMG	018.7 13.7 CMG	type Mira	020.3 8.6 VDH	076.3 8.3 VDE	079.6 9.5 JRJ
026.6 9.7 CMG	023.6 13.7 CMG		020.3 9.0 VDE	076.5 8.4 FJH	-----
026.7 9.6 BMU	047.5 13.1 FJH	015.6 10.8 CMG	020.3 9.2 BMU	078.4 8.5 CMG	141567 U UMi
078.5 7.3 CMG	066.5 13.1 FJH	018.6 11.2 CMG	026.6 9.3 CMG	-----	type Mira
079.6 7.7 JRJ	072.4 12.4 FJH	026.6 12.2 CMG	042.5 9.6 BMU	124204 RU Vir	
-----	078.5 11.0 CMG	-----	072.5 11.8 JRJ	type Mira	996.3 8.9 BMU
094512 X Leo	079.6 10.7 JRJ	115158 Z Uma	076.3 11.6 BMU		996.3 9.1 CMG
type UGSS	080.5 10.8 FJH	type SRb	076.5 11.9 FJH	081.6 11.8 CMG	011.2 9.8 CMG
	-----		078.4 11.9 CMG	-----	014.5 9.4 JRJ
023.61 12.2 CMG	102900 S Sex	996.3 8.3 BMU	-----	124238 U CVn	015.3 9.8 BMU
023.66 12.4 BMU	type Mira	011.2 7.9 CMG	123307 R Vir	type Mira	015.5 9.7 FJH
026.68 12.3 BMU		011.3 7.8 BMU	type Mira		018.3 9.8 CMG
076.53 12.1 FJH	018.7 9.7 CMG	018.6 8.1 CMG		019.6 11.3 CMG	023.3 10.1 CMG
078.50 12.2 FJH	026.6 10.0 CMG	020.3 7.7 BMU	081.6 6.8 CMG	026.6 11.1 CMG	035.2 10.3 CMG
079.57 12.5 JRJ	079.5 11.5 CMG	026.6 7.6 CMG	-----	076.5 10.6 FJH	047.3 10.8 CMG
080.47 12.3 CMG	079.6 11.6 JRJ	042.5 7.0 BMU	123366 RV Dra	081.6 10.8 CMG	076.5 11.6 FJH
080.51 12.2 FJH	-----	048.2 7.2 BMU	type Mira	-----	078.3 11.1 CMG
080.72 12.3 BMU	103769 R Uma	076.3 7.6 BMU		124606 U Vir	078.5 11.7 JRJ
081.59 12.7 CMG	type Mira	078.4 7.5 CMG	996.3 10.1 CMG	type Mira	-----
-----		-----	011.3 10.1 CMG		141954 S Boo
094534 SN95A1	992.6 13.8 JRJ	115919 R Com	012.3 10.2 FJH	081.6 10.3 CMG	type Mira
type SN	011.2 13.5 CMG	type Mira	018.3 10.1 CMG	-----	
	011.3 13.1 BMU		021.2 10.2 CMG	132262 RR Uma	011.2 13.5 CMG
026.71 12.9 BMU	011.6 13.5 JRJ	026.6 8.6 CMG	080.4 12.6 CMG	type Mira	012.3 13.6 BMU
042.50 13.3 BMU	018.5 13.4 CMG	076.5 9.1 FJH	-----		012.3 13.7 JRJ
055.54 13.4 HJO	020.3 12.9 BMU	081.6 9.4 CMG	123459 RS Uma	021.2 14.6 CMG	021.2 13.6 CMG
-----	020.5 13.6 FJH	-----	type Mira	080.4 9.4 CMG	048.2 13.1 BMU
094735 S Lmi	026.6 13.4 CMG	120012 SU Vir		-----	076.5 11.8 FJH

079.6 11.5 JRJ	-----	-----	005.2 8.5 FJH	018.3 11.7 CMG	080.7 10.4 BMU
081.6 11.4 CMG	144339 RR Boo	151714 S Ser	005.25 8.5 BMU	021.3 11.7 BMU	-----
-----	type Mira	type Mira	009.2 10.7 FJH	026.2 12.1 FJH	160118 R Her
142205 RS Vir			009.26 10.6 BMU	026.3 12.3 JRJ	type Mira
type Mira	011.2 11.6 CMG	012.3 12.6 CMG	009.3 10.3 CMG	042.2 12.7 BMU	
	020.2 10.6 CMG	-----	011.2 11.4 FJH	081.6 13.6 CMG	015.2 14.6 CMG
081.6 9.2 CMG	081.6 9.5 CMG	151731 S CrB	011.2 11.7 CMG	-----	-----
-----	-----	type Mira	011.25 11.5 BMU	154615 R Ser	160167 AG Dra
142539 V Boo	151083 Z UMi		011.3 11.3 JRJ	type Mira	type Z And
type SRA	type RCB?	996.3 7.3 JRJ	012.2 11.4 FJH		
		996.3 7.4 CMG	012.25 11.8 BMU	996.3 13.1 FJH	996.3 9.4 BMU
996.3 8.0 CMG	992.3 11.7 CMG	996.3 7.7 BMU	012.3 11.6 CMG	012.3 13.1 CMG	011.3 9.6 BMU
011.2 8.8 CMG	996.28 11.8 BMU	005.3 8.0 BMU	012.3 11.6 JRJ	-----	014.3 9.1 VDE
012.3 8.6 JRJ	996.3 11.8 CMG	011.2 7.3 CMG	014.26 12.2 BMU	154639 V CrB	014.3 9.7 BMU
012.3 8.8 BMU	009.27 12.2 BMU	011.3 7.8 BMU	014.27 12.0 VDE	type Mira	019.4 9.6 CMG
020.2 8.8 CMG	011.2 12.3 CMG	012.2 7.5 FJH	014.3 11.9 CMG		021.3 9.7 BMU
048.2 9.2 BMU	011.26 12.3 BMU	012.3 7.6 JRJ	014.3 11.9 JRJ	996.3 10.6 CMG	035.3 9.7 BMU
079.6 9.1 JRJ	012.25 12.4 BMU	018.3 7.4 CMG	015.2 11.9 CMG	996.3 11.1 JRJ	047.3 9.7 BMU
081.6 9.3 CMG	012.4 12.2 CMG	021.2 7.8 BMU	015.24 12.1 BMU	000.3 11.3 FJH	081.3 9.6 CMG
-----	014.27 12.4 BMU	026.2 7.3 JRJ	016.2 12.0 FJH	011.2 11.1 CMG	-----
142584 R Cam	014.27 12.6 VDE	042.2 8.1 BMU	016.25 12.0 VDE	011.3 11.1 BMU	160210 U Ser
type Mira	015.28 12.4 BMU	079.6 8.6 JRJ	016.25 12.1 BMU	012.3 11.5 JRJ	type Mira
	015.3 12.4 CMG	081.6 8.7 CMG	016.3 12.0 JRJ	018.3 11.2 CMG	
	016.27 12.3 VDE	-----	018.2 12.3 FJH	021.3 11.3 BMU	999.3 12.3 FJH
992.3 10.6 CMG	016.27 12.4 BMU	153378A S UMi	018.29 11.9 BMU	026.3 11.3 JRJ	-----
996.4 10.6 CMG	018.4 12.5 CMG	type Mira	019.3 12.1 JRJ	042.2 11.2 BMU	160625 RU Her
001.4 11.2 FJH	018.69 12.2 BMU		020.2 12.1 CMG	079.7 11.5 JRJ	type Mira
009.3 11.8 FJH	020.26 12.3 VDE	996.3 12.2 BMU	020.2 12.5 FJH	-----	
011.3 11.7 BMU	020.26 12.4 BMU	996.3 12.4 CMG	020.25 12.4 BMU	155229 Z CrB	996.3 12.7 FJH
011.3 11.7 CMG	021.25 12.5 BMU	009.3 12.2 FJH	020.25 12.3 VDE	type Mira	996.3 12.9 CMG
015.3 11.7 CMG	023.68 12.3 BMU	011.2 12.4 CMG	021.2 12.5 CMG		999.3 12.6 JRJ
018.4 12.0 CMG	026.68 12.3 BMU	014.5 12.5 JRJ	021.2 12.6 FJH	005.3 12.7 FJH	011.2 13.0 CMG
019.5 12.0 FJH	033.5 12.2 FJH	015.3 12.0 BMU	021.24 12.5 BMU	011.3 12.1 FJH	016.2 13.1 FJH
021.3 12.1 BMU	035.27 12.8 BMU	018.3 12.3 CMG	023.3 12.4 CMG	012.3 12.2 JRJ	018.3 13.0 CMG
023.4 12.3 CMG	035.3 12.4 HJO	020.3 12.1 FJH	026.2 12.2 JRJ	018.2 11.7 FJH	-----
025.5 12.4 FJH	037.4 12.4 CMG	023.3 12.3 CMG	026.2 12.5 FJH	026.3 11.2 JRJ	161138 W CrB
033.5 12.6 FJH	039.4 12.2 FJH	035.2 11.2 CMG	026.3 12.5 CMG	042.2 11.0 BMU	type Mira
035.3 12.7 HJO	042.27 12.5 BMU	046.4 10.5 CMG	026.71 12.4 BMU	079.6 12.0 JRJ	
035.3 12.9 CMG	042.4 12.1 FJH	076.5 10.1 FJH	042.23 13.4 BMU	081.6 12.1 CMG	996.3 11.4 CMG
039.4 13.0 FJH	047.26 12.3 BMU	078.3 10.0 CMG	048.23 13.5 BMU	-----	996.3 11.6 BMU
042.3 12.9 BMU	066.4 12.2 FJH	078.5 9.9 JRJ	079.6 13.4 JRJ	155526 T CrB	996.3 11.8 FJH
046.4 13.3 CMG	067.22 12.5 BMU	-----	080.71 13.6 BMU	type Nd	996.3 11.8 JRJ
066.4 13.6 FJH	072.4 12.3 FJH	154428A R CrB	081.6 13.4 CMG		005.3 12.3 FJH
067.2 13.2 BMU	076.27 12.8 BMU	type RCB	-----	996.3 10.0 CMG	011.2 12.7 CMG
072.4 13.6 FJH	076.27 12.9 VDE		154536 X CrB	996.3 10.4 BMU	011.3 12.5 BMU
078.3 12.8 CMG	079.5 13.4 CMG	995.31 6.5 BMU	type Mira	996.3 10.4 JRJ	011.3 12.6 FJH
079.5 13.1 JRJ	080.5 13.5 CMG	996.27 6.9 VDE		005.3 10.5 FJH	012.3 12.8 JRJ
-----	081.3 13.5 CMG	996.28 6.6 BMU	996.3 9.8 BMU	009.3 10.4 BMU	016.2 12.8 FJH
143227 R Boo	-----	996.3 6.5 JRJ	996.3 9.9 JRJ	011.2 10.1 CMG	018.3 13.0 CMG
type Mira	151336 RT Boo	996.3 6.6 FJH	996.3 10.1 CMG	012.3 10.5 JRJ	026.2 13.0 FJH
	type Mira	996.3 6.8 CMG	996.3 10.1 FJH	016.3 10.5 BMU	042.2 13.8 BMU
996.3 12.6 CMG		999.29 7.3 VDE	005.2 11.0 FJH	018.3 10.1 CMG	081.6 13.5 CMG
011.2 13.0 CMG	996.3 10.1 CMG	999.3 6.8 FJH	011.2 11.2 CMG	021.2 10.5 BMU	
015.3 13.1 BMU	011.2 11.7 CMG	999.3 6.9 CMG	011.3 10.7 BMU	026.3 10.4 JRJ	
021.2 13.0 CMG	020.2 11.0 CMG	999.4 6.8 VDH	012.3 11.0 JRJ	042.2 10.5 BMU	
079.6 10.4 JRJ	081.6 12.3 CMG	000.26 7.0 BMU	012.3 11.2 FJH	079.6 10.4 JRJ	
081.6 9.8 CMG					

-----	047.3 11.7 CMG	012.2 9.7 FJH	012.3 8.5 BMU	011.2 10.6 CMG	-----
162119 U Her	072.3 12.2 JRJ	012.3 9.8 BMU	014.3 8.6 JRJ	014.3 11.4 JRJ	180565 W Dra
type Mira	076.5 12.3 FJH	014.3 9.8 JRJ	018.3 8.6 CMG	018.3 11.0 CMG	type Mira
	078.2 12.8 CMG	018.3 9.5 CMG	021.3 8.7 BMU	023.3 11.1 CMG	
992.3 10.1 FJH	-----	021.3 9.2 BMU	035.2 9.5 CMG	026.3 10.5 JRJ	996.3 9.7 FJH
996.3 10.1 CMG	163414 AS Her	035.2 8.7 CMG	047.3 10.3 BMU	035.2 11.4 CMG	005.3 9.8 FJH
999.3 10.5 FJH	type Mira	047.3 8.7 BMU	067.2 12.0 BMU	047.3 12.0 CMG	011.2 10.0 CMG
999.3 10.5 JRJ		067.2 9.7 BMU	080.7 12.5 BMU	072.4 12.4 JRJ	014.3 10.0 JRJ
011.2 10.9 CMG	011.3 13.5 FJH	080.7 11.3 BMU	-----	078.3 12.8 CMG	018.3 10.0 CMG
012.3 10.7 BMU	-----	-----	172618 UZ Her	-----	020.3 10.0 FJH
014.3 10.7 JRJ	164012 UV Her	165752 WZ Dra	type Mira	175519 RY Her	023.3 10.2 CMG
016.2 11.1 FJH	type Mira	type Mira		type Mira	035.2 10.5 CMG
-----					047.3 10.8 CMG
163137 W Her	992.3 13.5 FJH	012.4 10.9 CMG	011.3 13.6 FJH	996.3 13.8 FJH	057.3 11.3 FJH
type Mira	996.3 13.6 FJH	047.3 9.6 CMG	-----	011.2 13.9 CMG	072.3 11.8 JRJ
	011.3 13.6 FJH	078.3 9.1 CMG	172809A RU Oph	014.3 13.6 JRJ	076.5 12.0 FJH
992.3 11.9 FJH	012.3 14.2 CMG	-----	type Mira	016.3 13.8 FJH	078.2 12.0 CMG
996.3 11.8 JRJ	016.3 13.6 FJH	170217 VY Her		018.3 13.9 CMG	-----
996.3 11.9 BMU	-----	type Mira	996.3 13.2 FJH	035.2 12.8 CMG	180666 X Dra
999.3 11.6 FJH	164025 AH Her		996.3 13.7 CMG	042.2 11.8 FJH	type Mira
011.2 11.0 CMG	type UGZ	996.3 10.5 CMG	011.2 14.0 CMG	-----	
012.3 10.4 JRJ		005.2 9.9 FJH	011.3 13.9 FJH	175654 V Dra	011.2 14.2 CMG
012.3 10.6 BMU	012.29 13.3 CMG	011.2 10.1 CMG	016.2 14.0 FJH	type Mira	014.3 14.2 JRJ
018.2 10.3 FJH	012.3 13.5 BMU	018.3 9.9 CMG	016.3 14.0 JRJ		018.3 14.1 CMG
018.3 10.6 CMG	015.3 12.4 BMU	035.2 10.9 CMG	021.2 14.2 CMG	992.4 11.2 JRJ	023.3 14.4 CMG
021.3 10.3 BMU	016.3 11.9 BMU	-----	-----	996.3 11.1 CMG	057.3 12.7 FJH
035.2 9.0 CMG	021.18 11.3 CMG	170627A RT Her	1744-06 RS Oph	996.3 11.5 FJH	072.3 10.8 JRJ
047.3 8.3 BMU	-----	type Mira	type Nd	005.3 10.9 FJH	078.2 10.8 CMG
067.2 8.0 BMU	164715 S Her			011.2 10.5 CMG	-----
-----	type Mira	015.2 14.9 CMG	996.30 11.3 BMU	014.3 10.2 JRJ	181020 YY Her
163172 R UMi		016.3 :14.8 FJH	011.27 11.4 BMU	018.3 10.4 CMG	type Z And
type SRa	992.3 8.0 FJH	-----	012.25 11.4 BMU	020.3 10.6 FJH	
	996.3 8.0 CMG	171401 Z Oph	015.25 11.6 BMU	023.3 10.5 CMG	996.3 13.1 CMG
996.3 10.5 BMU	996.3 8.2 BMU	type Mira	016.27 11.7 BMU	026.3 10.3 JRJ	011.2 13.0 CMG
015.3 10.7 BMU	999.3 8.0 JRJ		-----	035.2 10.5 CMG	018.3 12.9 CMG
-----	999.3 8.4 FJH	996.3 8.9 CMG	175111 RT Oph	047.3 10.6 CMG	035.2 13.0 CMG
163266 R Dra	011.2 8.9 CMG	999.3 9.0 JRJ	type Mira	072.4 11.0 JRJ	-----
type Mira	012.3 9.2 BMU	012.3 8.9 CMG		078.2 11.5 CMG	181031 TV Her
	016.3 9.2 JRJ	016.3 9.8 JRJ	996.3 12.2 CMG	078.3 11.5 FJH	type Mira
992.4 8.4 JRJ	018.3 9.0 CMG	021.2 9.1 CMG	999.3 12.3 JRJ	-----	
992.5 8.7 HJO	021.3 9.2 BMU	-----	011.2 12.4 CMG	180531 T Her	015.2 14.6 CMG
996.3 8.7 BMU	035.2 9.5 CMG	171707 UZ Oph	011.3 12.2 FJH	type Mira	016.3 :14.6 FJH
996.3 8.7 CMG	-----	type RV	016.2 12.5 FJH		-----
011.2 9.7 CMG	165631 RV Her		016.3 12.3 JRJ	996.3 13.2 FJH	181103 RY Oph
011.3 9.4 BMU	type Mira	012.3 11.4 CMG	018.3 12.6 CMG	996.3 13.3 BMU	type Mira
012.3 10.2 FJH		021.2 11.2 CMG	-----	999.3 13.0 JRJ	
014.3 9.9 JRJ	015.2 14.7 CMG	-----	175423 FU Her	005.3 13.1 FJH	996.3 8.8 CMG
016.5 10.2 HJO	016.3 14.5 FJH	171723 RS Her	type Mira	011.2 13.3 CMG	011.2 8.0 CMG
018.3 10.0 CMG	-----	type Mira		012.3 12.9 BMU	016.3 8.6 JRJ
020.3 10.3 FJH	165722 SY Her		012.3 :15.2 CMG	012.3 13.0 JRJ	021.2 8.6 CMG
021.3 10.2 BMU	type Mira	992.3 8.3 FJH	-----	016.3 12.8 FJH	-----
023.3 10.1 CMG		996.3 8.2 BMU	175458A T Dra	018.3 13.0 CMG	181136 W Lyr
026.3 10.8 JRJ	992.3 12.2 FJH	996.3 8.2 CMG	type Mira	021.3 12.4 BMU	type Mira
035.2 11.1 CMG	996.3 11.7 BMU	999.3 8.0 JRJ		035.2 11.5 CMG	
035.3 10.9 BMU	996.3 12.0 CMG	011.2 8.4 CMG	992.4 10.0 JRJ	042.3 11.2 FJH	992.3 9.0 CMG
047.3 11.7 BMU	996.3 12.0 FJH	012.2 8.6 FJH	996.3 10.5 CMG	047.3 10.6 BMU	993.5 9.0 JRJ

996.3	8.7	BMU	-----	1842-05	R Sct	992.3	15.2	FJH	190333	AB Lyr	012.3	12.3	CMG				
999.4	9.1	FJH	182224	SV Her	type RV	012.3	14.3	JRJ	type Mira		012.3	12.3	JRJ				
011.4	8.2	VDH	type Mira			012.3	14.7	CMG			018.3	13.0	FJH				
012.3	8.3	JRJ				996.3	5.3	VDE	018.3	15.3	FJH	018.3	14.3	FJH			
012.3	8.4	CMG	009.3	14.6	FJH	996.3	5.7	BMU	067.3	12.6	JRJ	035.3	11.9	HJO			
014.3	8.2	VDE	015.2	14.8	CMG	999.3	5.9	CMG	079.3	11.9	JRJ	042.3	10.9	FJH			
014.3	8.3	BMU	042.3	14.0	FJH	011.3	5.9	BMU	-----		080.3	12.4	FJH				
014.3	8.6	FJH	-----			014.3	5.3	VDE	185737	RT Lyr	-----	-----					
018.4	8.6	CMG	182306	T Ser	type Mira	014.3	5.7	CMG	type Mira		190527	TY Lyr	190967	U Dra			
020.3	8.0	VDH	type Mira			014.3	5.8	BMU			type Mira		type Mira				
020.4	8.2	HJO				035.3	6.1	BMU	992.3	13.5	CMG						
023.3	8.5	CMG	011.2	13.7	CMG	042.2	6.4	BMU	993.5	12.5	JRJ	992.3	13.6	FJH			
026.3	8.1	JRJ	016.3	14.1	FJH	042.4	6.7	CMG	005.3	13.7	FJH	009.3	13.3	FJH			
035.2	8.3	CMG	016.3	14.3	JRJ	-----			012.3	13.6	JRJ	042.3	10.3	FJH			
035.3	8.2	HJO	018.3	14.2	CMG	184243	RW Lyr		012.3	13.7	CMG	078.3	10.8	FJH			
047.3	8.5	BMU	-----			type Mira			018.3	13.9	FJH	-----					
067.3	9.4	JRJ	183149A	SV Dra					018.4	13.7	CMG	190529A	V Lyr				
078.2	10.5	CMG	type Mira			992.3	13.2	CMG	042.3	:14.4	FJH	type Mira					
078.3	10.6	FJH				993.5	12.7	JRJ	067.2	14.3	JRJ						
079.2	10.5	JRJ	009.3	14.9	FJH	005.3	12.7	FJH	-----			992.3	14.8	FJH			
-----			011.2	14.9	CMG	012.3	12.7	JRJ	185947	WZ Lyr		012.3	14.6	CMG			
181406	AY Oph		018.3	:15.2	FJH	012.3	13.2	CMG	type Mira			016.3	14.7	FJH			
type Mira			078.2	13.8	CMG	018.2	13.0	FJH				042.3	12.0	FJH			
			078.2	13.9	JRJ	018.4	13.2	CMG	018.3	:15.2	FJH	067.3	11.0	JRJ			
016.3	14.6	FJH	-----			025.3	13.2	FJH	-----			078.2	10.5	FJH			
-----			183225	RZ Her		026.3	13.4	JRJ	1900-01	N95 Aql		078.2	10.9	CMG			
181730	TV Lyr		type Mira			042.3	13.6	FJH	type N			-----					
type Mira						067.2	14.0	FJH				190643	ST Lyr	011.3	12.5	CMG	
			000.3	12.4	FJH	067.2	14.0	JRJ	996.29	12.4	BMU	type Mira		042.2	13.4	CMG	
018.3	14.8	FJH	011.3	12.0	FJH	-----			011.27	12.5	BMU	-----		-----			
-----			015.2	12.2	CMG	184826	CY Lyr		012.25	12.4	BMU	012.3	14.7	CMG	191046	SS Lyr	
182039	TW Lyr		021.2	12.0	CMG	type UGSS			014.29	12.4	BMU	-----		type Mira			
type Mira			035.2	11.8	CMG				015.26	12.5	BMU	190925	S Lyr				
			042.3	11.6	FJH	992.32	13.3	FJH	016.26	12.5	BMU	type Mira		992.3	13.3	CMG	
992.3	13.6	CMG	-----			018.27	13.3	FJH	016.27	12.2	VDE			011.3	12.9	FJH	
992.3	14.0	FJH	183308	X Oph		020.29	13.5	FJH	042.25	12.5	BMU	992.3	13.1	CMG	012.3	12.7	CMG
011.3	14.2	FJH	type Mira			-----			067.22	12.5	BMU	012.3	13.4	CMG	018.3	12.3	FJH
012.3	13.9	CMG				185032	RX Lyr		-----			018.3	13.4	CMG	018.4	12.4	CMG
018.3	14.6	FJH	999.3	8.4	CMG	type Mira			190108	R Aql		-----		025.3	11.9	FJH	
042.3	14.6	FJH	012.3	7.7	CMG				type Mira			190933A	RS Lyr	035.2	11.1	CMG	
-----			016.3	7.9	JRJ	016.3	<14.8	FJH				type Mira		042.3	10.7	FJH	
182172	RT Dra		018.3	8.1	CMG	042.3	13.8	FJH	996.3	9.2	BMU			047.3	11.1	CMG	
type Mira			-----			067.3	11.6	JRJ	996.4	9.6	CMG	992.3	12.3	CMG	067.2	10.8	FJH
			184134	RY Lyr		079.3	11.4	JRJ	011.3	9.8	CMG	996.3	12.9	FJH	078.2	11.1	CMG
			type Mira			-----			012.3	10.1	BMU	005.3	13.2	FJH	078.3	11.1	FJH
992.5	11.5	HJO				185131	SX Lyr		014.3	10.1	JRJ	012.3	13.3	CMG	-----		
996.3	11.6	FJH				type Mira			018.3	10.3	CMG	018.3	13.5	FJH	191517	W Sge	
996.3	11.8	CMG	992.3	13.2	CMG				042.4	11.0	CMG	018.4	13.6	CMG	type Mira		
005.3	11.9	FJH	996.3	13.0	FJH				-----			042.3	:14.2	FJH			
011.2	12.5	CMG	996.3	13.9	JRJ	992.3	12.0	FJH	190317	SV Sge		-----			996.4	10.5	CMG
016.5	12.3	HJO	005.3	13.7	FJH	005.3	12.2	FJH	type RCB			190941	RU Lyr	011.3	10.6	CMG	
018.3	12.4	CMG	012.3	13.7	CMG	018.2	13.0	FJH				type Mira		018.3	10.9	CMG	
020.3	12.5	FJH	012.3	14.0	JRJ	042.3	13.8	FJH						042.4	11.5	CMG	
023.3	12.5	CMG	016.3	13.6	FJH	-----			011.3	11.0	CMG						
035.2	13.0	CMG	018.4	14.3	CMG	185634	Z Lyr		018.3	11.2	CMG	992.3	11.9	CMG			
066.3	13.3	FJH	067.3	14.3	JRJ	type Mira			042.4	11.2	CMG	993.5	12.0	JRJ			
078.3	13.4	CMG	-----						-----			005.3	12.5	FJH			

-----	999.4	10.6	FJH	016.3	14.3	FJH	023.3	12.0	CMG	066.2	11.0	FJH	021.44:15.0	FJH		
191637 U Lyr	012.3	10.0	JRJ	018.4	13.9	CMG	035.3	11.0	CMG	-----			043.34	13.9	FJH	
type Mira	012.3	10.2	CMG	042.4	13.8	CMG	035.3	11.1	BMU	194632 Chi Cyg	-----		-----			
	018.3	10.1	CMG	043.3	13.7	FJH	035.3	11.2	HJO	type Mira			195533 V482	Cyg		
992.3 12.5	CMG	020.3	10.4	FJH	047.3	13.4	BMU	035.3	11.6	FJH			type RCB			
992.3 13.2	FJH	023.3	10.1	CMG	057.3	13.0	FJH	047.2	10.0	CMG	992.4	9.2	CMG			
993.5 13.0	JRJ	035.3	10.6	CMG	067.3	12.7	BMU	047.3	10.0	BMU	996.3	9.2	BMU	992.4	11.2	CMG
000.3 13.1	FJH	047.2	10.9	CMG	072.2	12.9	JRJ	057.3	9.1	FJH	996.4	9.0	VDH	996.3	11.1	BMU
012.3 12.5	CMG	067.2	12.0	FJH	072.3	12.6	FJH	067.3	8.5	BMU	999.3	9.2	CMG	011.3	10.9	BMU
012.3 13.0	JRJ	072.3	11.6	JRJ	078.3	12.6	CMG	072.2	8.3	JRJ	999.4	9.6	FJH	012.3	11.3	CMG
020.3 12.8	FJH	078.2	12.0	CMG	-----			078.3	7.2	FJH	001.5	9.5	HJO	015.3	11.0	BMU
026.3 12.8	JRJ	-----			193509 RV Aql			078.3	7.7	CMG	011.3	10.3	BMU	018.4	11.2	CMG
035.2 12.2	CMG	193311 RT Aql			type Mira			-----			012.3	9.9	CMG	035.3	11.0	BMU
042.3 12.8	FJH	type Mira						194067 ZZ Dra			014.3	10.4	FJH	035.3	11.3	CMG
067.2 12.7	JRJ				999.3	12.4	FJH	type Mira			014.4	10.0	JRJ	042.3	11.0	BMU
078.2 11.9	CMG	999.3	12.6	CMG	011.3	11.7	CMG				015.3	10.4	BMU	047.2	11.3	CMG
079.2 12.4	JRJ	999.3	12.9	FJH	018.3	11.1	CMG	011.4 :14.3	FJH		018.3	10.6	CMG	048.2	10.9	BMU
-----		009.3	13.3	FJH	020.3	11.1	FJH	012.4	14.6	CMG	020.4	10.5	HJO	067.3	10.9	BMU
191831 AN Lyr		011.3	12.9	CMG	042.2	9.0	FJH	057.3	12.8	FJH	023.3	10.4	CMG	076.3	11.0	BMU
type Mira		014.3	13.3	JRJ	047.2	9.4	CMG	080.3	11.1	FJH	035.3	10.9	FJH	-----		
		018.3	13.1	CMG	066.2	9.0	FJH	-----			035.3	11.1	BMU	195551 CM Cyg		
996.3 11.4	FJH	020.3	13.5	FJH	076.2	9.6	CMG	194348 TU Cyg			035.3	11.1	CMG	type Mira		
996.5 11.5	HJO	042.2	13.6	FJH	-----			type Mira			042.3	11.3	BMU			
005.3 11.8	FJH	042.2	13.8	CMG	193954 V369	Cyg					047.2	11.5	CMG	992.4	12.5	CMG
018.3 12.7	FJH	066.2	13.8	FJH	type Mira			992.4	13.1	CMG	047.3	11.5	FJH	999.4	12.4	FJH
020.4 13.3	HJO	076.2	13.8	CMG				992.5	12.8	JRJ	057.3	12.1	FJH	011.3	12.7	FJH
042.3 13.8	FJH	-----			012.3	13.8	CMG	992.5	13.5	HJO	066.3	12.3	FJH	012.3	13.4	CMG
-----		193411 SV Aql			018.4	13.4	CMG	996.3	12.8	BMU	067.3	12.5	BMU	018.4	13.5	CMG
192150 CH Cyg		type Mira			023.3	13.1	CMG	999.4	13.0	FJH	072.3	12.3	JRJ	020.3	12.7	FJH
type Z And					035.3	11.2	CMG	009.3	11.8	BMU	076.3	12.5	CMG	042.3	13.6	FJH
		999.3	11.1	CMG	046.4	11.5	CMG	011.5	11.6	JRJ	-----			067.3	14.2	FJH
992.4 9.0	CMG	011.3	11.4	CMG	078.3	11.3	CMG	012.3	11.6	CMG	195055 CU Cyg			-----		
996.3 8.9	BMU	018.3	11.8	CMG	-----			014.3	11.6	BMU	type Mira			195818 TX Sge		
009.3 8.9	BMU	042.2	14.0	CMG	194027 YZ Vul			014.3	11.7	FJH			type Mira			
012.4 8.9	CMG	076.2	14.5	CMG	type Mira			016.5	11.5	HJO						
014.3 9.0	BMU	-----						018.4	11.3	CMG	037.4	13.3	CMG			
018.4 8.7	CMG	193428 BG Cyg			992.3	12.8	FJH	020.3	11.5	FJH	042.2	13.9	CMG	992.3	13.1	FJH
035.3 9.0	BMU	type Mira			016.4	10.8	FJH	023.3	11.2	CMG	-----			011.2	12.9	FJH
035.4 8.9	CMG				020.4	10.9	HJO	035.3	10.7	FJH	1952-02 RR Aql			020.3	12.9	FJH
047.3 9.1	BMU	992.4	11.7	CMG	067.2	12.5	FJH	035.3	10.8	BMU	type Mira			-----		
067.3 9.0	BMU	999.3	11.8	CMG	-----			035.3	11.0	CMG				195849 Z Cyg		
078.3 8.9	CMG	012.3	11.6	CMG	194048 RT Cyg			035.3	11.0	HJO	011.3	12.8	CMG	type Mira		
-----		018.3	11.4	CMG	type Mira			047.2	10.8	CMG	016.3	10.5	FJH			
192201 TU Aql		023.3	11.0	CMG				047.3	10.6	BMU	042.2	9.1	FJH	992.4	12.5	CMG
type Mira		035.3	11.0	CMG	992.4	12.0	JRJ	057.3	10.8	FJH	042.4	9.0	CMG	992.5	12.4	HJO
		047.2	10.5	CMG	992.4	12.2	CMG	067.3	11.0	BMU	-----			992.5	12.6	JRJ
999.3 9.7	CMG	078.2	10.5	CMG	992.5	12.1	HJO	072.2	11.0	JRJ	1953-08 RS Aql			011.5	13.0	JRJ
016.3 10.7	FJH	-----			996.3	12.1	BMU	078.3	10.9	CMG	type Mira			012.3	13.1	CMG
018.3 10.2	CMG	193449 R Cyg			999.4	12.5	FJH	078.3	11.0	FJH				016.5	13.0	HJO
042.2 12.3	CMG	type Mira			011.3	12.5	FJH	-----			011.3	13.6	CMG	018.4	13.2	CMG
-----					011.5	12.2	JRJ	194604 X Aql			042.4	13.2	CMG	035.3	13.6	CMG
192928 TY Cyg		992.4	13.8	JRJ	012.3	12.5	CMG	type Mira			-----			035.3 :13.2	HJO	
type Mira		992.4	13.9	CMG	014.3	12.2	BMU				195377 AB Dra			047.2	13.6	CMG
		009.3	14.3	FJH	016.5	12.5	HJO	009.3	13.8	FJH	type UGZ			072.2	14.3	JRJ
992.4 10.4	CMG	011.5	14.3	JRJ	018.4	12.4	CMG	020.3	13.5	FJH			078.3	13.9	CMG	
996.3 10.6	JRJ	012.3	14.1	CMG	020.3	12.4	FJH	042.2	12.7	FJH	016.3	13.2	BMU			
											019.48	14.9	FJH			

078.3 10.6 CMG	204846 RZ Cyg	992.4 14.4 CMG	999.3 10.3 JRJ	023.3 9.9 CMG
-----	type Mira	992.5 14.8 JRJ	000.3 10.7 FJH	035.3 9.6 CMG
204016 T Del		012.4 14.8 CMG	011.2 11.4 FJH	012.3 13.6 CMG
type Mira	992.4 11.2 CMG	014.4 <14.7 JRJ	011.3 11.4 CMG	016.3 13.3 FJH
	012.4 11.4 CMG	018.4 14.6 CMG	-----	042.5 9.5 BMU
996.4 11.5 CMG	018.4 11.4 CMG	072.3 12.5 JRJ	012.4 11.1 JRJ	042.5 9.6 HJO
999.3 11.8 JRJ	035.4 11.6 CMG	-----	211614 X Peg	047.4 9.7 CMG
999.3 12.1 FJH	-----	210382 X Cep	type Mira	078.3 8.5 CMG
009.3 12.0 JRJ	205017 X Del	type Mira	018.2 12.0 FJH	078.3 8.7 JRJ
011.3 12.4 CMG	type Mira		018.4 11.7 CMG	078.3 8.9 FJH
011.4 12.3 FJH		992.4 14.8 FJH	025.3 12.3 FJH	-----
012.3 12.5 BMU	996.4 9.9 CMG	011.4 14.9 CMG	035.4 12.3 CMG	213753 RU Cyg
018.3 12.5 CMG	999.3 10.2 JRJ	016.5 15.2 FJH	037.4 12.8 FJH	type SR
020.3 12.8 FJH	999.3 10.4 FJH	-----	047.3 13.0 FJH	
034.3 13.0 FJH	011.3 10.0 CMG	210405 RR Equ	066.2 13.6 FJH	012.4 13.0 JRJ
035.4 13.3 CMG	012.3 10.3 BMU	type Mira	072.3 13.9 FJH	018.3 13.1 FJH
042.3 13.3 FJH	012.3 10.5 FJH		076.2 14.4 CMG	018.4 12.9 CMG
047.3 13.6 BMU	012.4 10.6 JRJ	992.3 13.6 FJH	-----	025.3 12.7 FJH
066.2 14.1 FJH	018.3 10.4 CMG	009.3 14.1 FJH	210818 AS Peg	035.3 11.8 FJH
076.2 14.6 CMG	021.3 10.4 FJH	011.3 14.1 CMG	type Mira	046.3 11.0 CMG
-----	034.3 11.1 FJH	012.3 14.1 CMG		047.3 11.4 FJH
2041-04 W Aqr	035.4 11.1 CMG	-----	066.3 :15.2 FJH	060.3 9.9 JRJ
type Mira	047.3 11.5 BMU	210415 TZ Peg	-----	076.3 9.9 CMG
	066.2 12.2 FJH	type Mira	210836 DU Cyg	078.2 9.5 FJH
012.3 15.2 CMG	076.2 12.3 CMG		type Mira	-----
015.3 :14.9 BMU	-----	015.3 11.8 CMG		211800 RW Aqr
-----	205030A UX Cyg	042.4 10.5 CMG	992.4 11.5 CMG	type Mira
204318 V Del	type Mira	078.3 10.1 CMG	012.4 11.6 CMG	992.48 8.5 FJH
type Mira		-----	018.4 11.7 CMG	992.64 8.7 BMU
	992.5 <14.5 JRJ	2105-04 RS Aqr	042.4 12.2 CMG	992.64 8.7 VDE
996.4 12.6 CMG	072.3 11.7 JRJ	type Mira	-----	996.28 10.7 BMU
999.3 12.6 FJH	-----		210868 T Cep	012.3 13.6 CMG
011.3 13.2 CMG	2055-01 VW Aqr	012.3 10.1 FJH	type Mira	-----
011.4 13.2 FJH	type Mira	012.3 10.6 CMG		212216 TV Peg
012.3 13.0 BMU		015.3 10.4 BMU	992.5 9.9 HJO	type Mira
012.4 13.3 JRJ	015.3 12.3 CMG	-----	996.3 9.5 FJH	999.31 12.2 CMG
018.3 13.1 CMG	-----	210612 AN Peg	996.3 9.7 BMU	999.32 11.9 JRJ
020.3 13.2 FJH	205923A R Vul	type Mira	996.4 9.8 CMG	999.36 12.1 FJH
042.3 13.6 FJH	type Mira		011.3 9.1 BMU	000.3 12.2 FJH
066.2 14.0 FJH		992.3 12.0 FJH	011.4 8.7 CMG	999.36 12.1 FJH
076.2 14.5 CMG	992.4 10.3 CMG	000.3 12.1 FJH	012.5 8.9 FJH	000.34 12.1 FJH
-----	992.5 10.5 HJO	011.3 12.0 FJH	016.5 8.4 HJO	001.44 12.1 FJH
204341 V516 Cyg	992.5 11.0 JRJ	011.4 12.0 CMG	016.5 8.8 JRJ	009.25 12.1 BMU
type UGSS	012.4 11.3 CMG	018.3 12.0 FJH	018.4 8.5 CMG	-----
	014.4 11.3 JRJ	018.4 12.1 CMG	021.3 8.5 BMU	212610 UU Peg
011.34 13.9 FJH	016.3 11.3 BMU	025.3 11.8 FJH	023.3 8.3 CMG	type Mira
043.33 13.7 FJH	018.4 11.3 CMG	035.3 11.2 FJH	035.3 7.9 CMG	009.49 12.0 JRJ
-----	020.4 11.7 HJO	047.3 10.9 FJH	042.5 7.8 HJO	212610 UU Peg
2044-05 T Aqr	023.3 11.4 CMG	047.4 11.0 CMG	042.5 7.9 BMU	type Mira
type Mira	035.3 11.3 CMG	066.3 11.0 FJH	047.4 7.8 CMG	009.3 15.2 FJH
	035.3 11.3 HJO	078.2 11.1 FJH	078.3 7.5 CMG	015.3 14.9 CMG
012.3 7.7 CMG	078.3 8.0 CMG	-----	078.3 7.5 JRJ	018.3 :15.2 FJH
012.3 7.7 FJH	-----	210812 R Equ	079.3 7.6 FJH	067.3 :15.3 FJH
015.3 7.8 BMU	210129 TW Cyg	type Mira	-----	-----
016.3 7.6 JRJ	type Mira		2109-03 RR Aqr	213678 S Cep
-----		992.3 10.7 FJH	type Mira	type Mira
				014.35 12.0 JRJ
				014.44 12.2 FJH
				015.25 12.2 BMU
				015.32 12.3 CMG
				015.47 12.1 FJH
				016.27 12.4 BMU
				016.27 12.0 VDE
				016.27 12.1 JRJ
				016.33 12.2 FJH
				018.30 12.3 BMU
				018.35 12.5 FJH
				018.37 12.4 CMG

019.38	12.2	CMG	025.3	10.5	FJH	046.3	11.8	CMG	047.3	9.7	FJH	018.31	12.7	FJH	020.5	13.4	HJO
019.48	12.2	FJH	034.3	10.8	FJH	047.2	11.7	FJH	060.3	9.8	JRJ	018.50	12.7	HJO	037.4	13.6	FJH
020.24	12.2	CMG	035.4	10.9	CMG	060.3	12.0	JRJ	076.4	9.8	CMG	020.24	12.9	CMG	047.3	13.5	FJH
020.26	12.2	VDE	046.4	11.3	CMG	066.3	12.5	FJH	078.2	10.0	FJH	020.46	12.7	HJO	066.2	13.7	FJH
020.26	12.3	BMU	047.2	11.1	FJH	072.3	12.9	FJH	-----	-----	-----	021.18	12.9	CMG	076.4	14.3	CMG
020.33	12.2	FJH	057.3	11.8	FJH	-----	-----	-----	220613	Y Peg	-----	042.25	13.0	CMG	-----	-----	-----
021.18	12.1	CMG	067.3	12.0	FJH	215934	RT Peg	-----	type Mira	-----	-----	042.32	12.9	FJH	223841	R Lac	-----
021.25	12.3	BMU	-----	-----	-----	type Mira	-----	-----	-----	-----	-----	046.35	12.9	CMG	type Mira	-----	-----
021.33	12.1	FJH	214024	RR Peg	-----	-----	-----	-----	009.3	:15.3	FJH	047.29	12.7	BMU	-----	-----	-----
023.25	9.7	CMG	type Mira	-----	-----	992.3	14.9	FJH	012.4	:14.6	JRJ	057.27	12.2	FJH	992.3	9.9	CMG
023.67	8.7	BMU	-----	-----	-----	009.3	:15.0	FJH	015.2	14.9	CMG	060.24	10.8	JRJ	992.5	10.1	JRJ
026.27	8.2	JRJ	992.4	14.7	CMG	015.2	15.4	CMG	018.3	:15.3	FJH	066.24	11.0	FJH	999.5	9.8	FJH
026.27	8.5	CMG	009.3	13.8	FJH	018.3	:15.0	FJH	066.3	11.7	FJH	067.25	11.0	FJH	011.4	9.7	CMG
026.67	8.4	BMU	011.4	13.7	CMG	060.3	13.1	JRJ	076.3	11.8	CMG	072.30	12.2	FJH	012.5	10.2	FJH
033.45	8.3	FJH	012.4	14.1	JRJ	066.3	12.7	FJH	079.2	11.8	FJH	076.38	12.8	CMG	014.4	9.3	JRJ
035.25	9.8	BMU	016.4	13.6	FJH	-----	-----	-----	-----	-----	-----	082.22	12.8	CMG	018.4	9.8	CMG
035.26	9.4	FJH	018.4	13.5	CMG	220133B	RZ Peg	-----	220714	RS Peg	-----	-----	-----	-----	023.3	9.7	CMG
035.33	9.5	CMG	035.3	12.2	FJH	type Mira	-----	-----	type Mira	-----	-----	222129	RV Peg	-----	026.5	9.5	FJH
037.41	10.9	CMG	046.4	10.8	CMG	-----	-----	-----	-----	-----	-----	type Mira	-----	-----	035.4	9.8	CMG
041.33	12.5	FJH	047.3	10.8	FJH	992.5	10.2	JRJ	992.4	14.0	CMG	-----	-----	-----	039.4	10.3	FJH
042.25	12.0	CMG	057.3	10.3	FJH	000.3	10.5	FJH	992.5	14.4	JRJ	992.3	14.2	FJH	046.3	10.3	CMG
042.25	12.1	BMU	060.3	9.5	JRJ	011.4	9.9	CMG	009.3	14.6	FJH	992.5	14.5	JRJ	057.3	11.6	FJH
042.35	12.4	FJH	076.3	9.7	FJH	011.5	9.6	JRJ	011.4	14.1	CMG	009.3	14.8	FJH	072.3	12.6	FJH
043.32	11.9	FJH	076.4	10.0	CMG	012.3	9.5	FJH	012.4	14.4	JRJ	015.2	14.7	CMG	078.3	12.7	CMG
046.35	12.3	CMG	-----	-----	-----	018.4	9.9	CMG	015.2	14.6	CMG	018.3	14.8	FJH	078.3	12.7	JRJ
047.25	12.1	BMU	214443	WY Cyg	-----	023.3	9.8	CMG	018.3	14.5	FJH	067.3	15.3	FJH	-----	-----	-----
047.26	11.9	FJH	type Mira	-----	-----	035.3	9.5	CMG	042.3	14.6	FJH	-----	-----	-----	224517	SX Peg	-----
047.33	12.2	CMG	-----	-----	-----	046.3	9.2	CMG	066.2	13.9	FJH	222439	S Lac	-----	type Mira	-----	-----
048.23	12.2	BMU	992.4	9.5	CMG	060.3	8.9	JRJ	072.3	13.6	FJH	type Mira	-----	-----	-----	-----	-----
057.31	11.9	FJH	999.4	9.5	FJH	076.3	9.0	FJH	076.3	13.3	CMG	-----	-----	-----	992.4	13.4	CMG
066.22	8.7	BMU	012.3	9.6	CMG	076.4	9.3	CMG	-----	-----	-----	992.3	10.4	CMG	011.4	12.9	CMG
067.20	8.5	BMU	014.3	10.0	FJH	-----	-----	-----	220912	RU Peg	-----	992.5	10.1	JRJ	018.4	12.3	CMG
067.27	8.4	FJH	018.4	10.0	CMG	220337	W Lac	-----	type UGSS	-----	-----	999.5	10.1	FJH	047.4	10.6	FJH
067.39	8.7	CMG	023.3	10.1	CMG	type Mira	-----	-----	-----	-----	-----	001.5	10.3	HJO	-----	-----	-----
072.26	10.7	FJH	035.3	10.3	CMG	-----	-----	-----	992.34	12.8	FJH	011.4	9.9	CMG	225542	SZ And	-----
072.28	10.5	JRJ	035.3	10.7	FJH	992.3	11.6	CMG	992.35	13.0	CMG	012.5	9.4	FJH	type Mira	-----	-----
073.25	10.9	BMU	046.4	11.2	CMG	011.4	12.2	CMG	992.52	12.7	JRJ	014.4	9.2	JRJ	-----	-----	-----
076.26	12.2	BMU	057.3	11.2	FJH	018.4	11.8	CMG	999.28	10.3	FJH	016.5	9.5	HJO	012.3	<15.1	CMG
076.26	12.9	VDE	072.3	11.8	FJH	047.3	13.3	CMG	000.26	10.2	FJH	018.4	9.2	CMG	019.5	14.6	FJH
076.32	11.8	FJH	078.3	12.0	CMG	-----	-----	-----	001.44	10.6	FJH	023.3	9.2	CMG	033.5	13.5	FJH
078.23	11.9	JRJ	-----	-----	-----	220412	T Peg	-----	005.28	10.8	FJH	026.5	8.6	FJH	041.3	12.8	FJH
078.26	12.5	FJH	215605	V Peg	-----	type Mira	-----	-----	006.41	11.0	FJH	035.4	8.7	CMG	047.3	11.9	CMG
078.29	12.1	CMG	type Mira	-----	-----	-----	-----	-----	009.29	11.8	FJH	042.5	8.9	HJO	057.3	11.4	FJH
078.32	12.3	BMU	-----	-----	-----	992.4	11.1	CMG	011.28	12.4	BMU	046.3	9.1	CMG	066.4	11.6	FJH
079.26	12.4	FJH	992.4	9.0	CMG	992.5	11.2	JRJ	011.36	12.2	FJH	076.3	9.3	FJH	078.3	11.7	FJH
080.26	12.4	FJH	992.5	9.0	JRJ	000.3	10.9	FJH	011.44	12.4	CMG	078.3	9.3	CMG	078.4	11.2	CMG
082.22	12.4	CMG	000.3	9.3	FJH	011.3	10.9	BMU	012.29	12.5	BMU	078.3	9.5	JRJ	-----	-----	-----
-----	-----	-----	011.4	9.4	CMG	011.4	11.2	CMG	012.37	12.7	JRJ	-----	-----	-----	225914	RW Peg	-----
214012	TU Peg	-----	012.3	10.0	FJH	012.3	10.5	FJH	014.25	12.8	CMG	222924	SS Peg	-----	type Mira	-----	-----
type Mira	-----	-----	012.4	10.0	JRJ	012.4	10.9	JRJ	014.40	12.7	JRJ	type Mira	-----	-----	-----	-----	-----
-----	-----	-----	016.3	9.8	VDE	018.4	10.8	CMG	015.26	12.5	BMU	-----	-----	-----	992.4	13.5	CMG
992.4	9.8	CMG	016.3	10.0	BMU	021.3	10.4	FJH	015.28	12.9	CMG	992.4	12.8	CMG	992.5	13.8	JRJ
999.3	9.9	FJH	018.4	10.0	CMG	034.3	10.1	FJH	016.28	12.7	JRJ	009.3	13.6	FJH	009.3	12.9	FJH
011.4	10.0	CMG	021.3	10.4	FJH	035.3	10.4	CMG	016.28	12.7	BMU	011.4	13.2	CMG	011.4	13.0	CMG
012.3	10.1	FJH	033.3	11.0	FJH	046.4	10.1	CMG	016.28	12.7	VDE	018.3	13.6	FJH	011.5	13.0	JRJ
018.4	10.5	CMG	035.3	10.9	CMG	047.3	9.5	BMU	016.33	12.8	FJH	018.4	13.5	CMG	016.3	12.7	BMU

016.3	12.7	VDE	023.3	9.9	CMG	020.5	13.3	HJO	232848	z And	076.28	12.5	BMU	996.4	13.2	CMG	
018.3	12.8	FJH	035.3	9.8	CMG	-----	-----	-----	-----	type z And	080.44	12.5	CMG	009.3	11.0	FJH	
018.4	12.6	CMG	042.5	9.1	HJO	231839	BU And	-----	-----	-----	-----	-----	011.3	11.4	CMG		
020.5	12.4	HJO	046.4	8.5	CMG	type Mira	-----	-----	992.4	10.5	CMG	2338-15	R Agr	018.4	9.9	CMG	
023.3	12.2	CMG	076.3	8.3	CMG	-----	-----	-----	011.4	10.5	CMG	type Mira	-----	019.5	9.7	FJH	
025.3	12.3	FJH	076.3	8.3	FJH	992.4	14.3	FJH	012.5	10.6	JRJ	-----	-----	023.4	9.8	CMG	
034.3	11.7	FJH	078.3	8.9	JRJ	011.5	14.2	FJH	014.4	10.7	FJH	015.3	10.6	CMG	035.3	8.7	FJH
035.3	11.3	CMG	-----	-----	-----	018.3	14.3	FJH	018.5	10.6	CMG	-----	-----	046.4	9.2	CMG	
042.5	10.6	HJO	231425	W Peg	-----	043.4	13.9	FJH	034.4	10.7	FJH	233956	z Cas	076.3	9.0	FJH	
046.3	10.2	CMG	type Mira	-----	-----	066.4	13.1	FJH	047.2	10.5	CMG	type Mira	-----	076.3	9.2	CMG	
047.2	10.6	FJH	-----	-----	-----	072.3	12.8	FJH	067.3	10.7	JRJ	-----	-----	-----	-----	-----	
047.3	10.4	BMU	992.4	10.1	CMG	-----	-----	-----	078.4	10.6	CMG	992.4	13.2	FJH	235350	R Cas	
057.3	10.1	FJH	992.5	10.2	JRJ	231878	RY Cep	-----	079.5	10.8	FJH	996.3	12.8	CMG	type Mira	-----	
060.2	9.7	JRJ	000.3	9.8	FJH	type Mira	-----	-----	-----	-----	-----	996.4	13.2	JRJ	-----	-----	
066.3	10.1	FJH	011.4	9.0	CMG	-----	-----	-----	233109	FF Peg	-----	009.5	13.2	JRJ	996.3	10.8	CMG
076.4	9.5	CMG	011.5	9.8	JRJ	996.3	12.2	FJH	type Mira	-----	-----	011.3	13.2	CMG	996.3	10.9	BMU
078.2	10.0	FJH	012.3	9.4	FJH	009.3	12.1	FJH	-----	-----	-----	011.4	13.7	FJH	000.3	11.4	FJH
-----	-----	-----	014.3	9.4	BMU	019.5	11.5	FJH	992.4	10.5	CMG	018.4	13.2	CMG	001.5	11.1	HJO
230110	R Peg	-----	014.3	9.4	VDE	034.4	10.5	FJH	011.4	10.9	CMG	018.5	13.3	HJO	011.3	10.7	BMU
type Mira	-----	-----	016.5	9.3	HJO	067.3	10.0	FJH	018.4	11.3	CMG	019.5	13.6	FJH	011.3	10.7	CMG
-----	-----	-----	018.4	9.2	CMG	079.3	10.0	FJH	076.3	14.3	CMG	043.4	13.9	FJH	014.3	11.1	FJH
992.4	9.0	CMG	023.3	9.1	CMG	-----	-----	-----	-----	-----	-----	066.5	14.0	FJH	016.5	10.0	JRJ
992.5	9.0	JRJ	034.4	9.0	FJH	232144	AL And	-----	233656	N93 Cas	-----	079.5	14.8	CMG	016.5	10.9	HJO
999.5	8.3	VDH	035.3	8.6	CMG	type Mira	-----	-----	type N	-----	-----	-----	-----	018.4	10.5	CMG	
001.4	8.9	FJH	042.5	8.7	HJO	-----	-----	-----	-----	-----	-----	235053	RR Cas	021.3	10.3	BMU	
011.4	9.4	CMG	046.3	8.7	CMG	992.4	14.6	FJH	992.36	12.3	FJH	type Mira	-----	023.3	10.3	CMG	
011.5	8.4	VDH	047.3	8.6	BMU	006.4	12.8	FJH	996.28	12.5	BMU	-----	-----	035.3	9.2	CMG	
012.3	9.5	FJH	060.3	8.7	JRJ	018.3	11.8	FJH	009.27	12.3	FJH	992.4	12.5	FJH	042.3	9.1	BMU
012.4	9.5	JRJ	076.3	9.5	FJH	026.5	10.9	FJH	011.28	12.4	BMU	996.3	12.3	CMG	046.4	8.4	CMG
014.3	9.6	BMU	076.4	9.1	CMG	033.5	10.5	FJH	012.29	12.4	BMU	996.4	12.4	JRJ	055.5	7.9	HJO
014.3	9.9	VDE	-----	-----	-----	047.3	10.3	FJH	014.25	12.6	CMG	009.3	12.1	FJH	066.5	7.3	HJO
018.4	9.6	CMG	231508	S Peg	-----	057.3	10.4	FJH	014.28	12.4	VDE	009.5	12.2	JRJ	072.3	7.2	JRJ
021.3	9.8	FJH	type Mira	-----	-----	066.4	10.5	FJH	014.28	12.4	BMU	011.3	12.0	CMG	076.3	7.0	CMG
023.3	9.8	CMG	-----	-----	-----	078.3	11.0	FJH	015.26	12.4	BMU	018.4	11.8	CMG	078.3	7.2	FJH
034.4	9.9	FJH	992.4	12.8	CMG	-----	-----	-----	016.27	12.4	VDE	018.5	11.7	HJO	-----	-----	
035.3	9.9	CMG	992.5	12.6	JRJ	232543	DX And	-----	016.27	12.5	BMU	019.5	11.8	FJH	235525	z Peg	
046.3	10.2	CMG	009.4	11.0	FJH	type UGSS	-----	-----	016.49	12.4	FJH	023.3	11.7	CMG	type Mira	-----	
060.2	10.6	JRJ	011.4	11.1	CMG	-----	-----	-----	018.53	12.3	HJO	035.3	11.4	FJH	-----	-----	
066.3	10.7	FJH	012.4	11.0	JRJ	992.42	14.3	FJH	018.69	12.5	BMU	035.3	11.6	CMG	992.4	10.2	CMG
076.3	11.1	FJH	014.3	10.9	VDE	016.35	14.5	FJH	020.26	12.4	BMU	046.4	11.3	CMG	992.5	10.1	JRJ
076.4	11.3	CMG	014.3	11.1	BMU	018.33	14.4	FJH	020.26	12.4	VDE	066.5	10.9	HJO	000.3	9.8	FJH
-----	-----	-----	018.4	10.6	CMG	043.36	14.2	FJH	021.25	12.4	BMU	072.3	11.3	JRJ	011.4	9.2	CMG
230759	V Cas	-----	023.3	10.6	CMG	066.24	14.4	FJH	021.45	12.5	FJH	079.4	11.5	FJH	011.5	9.3	JRJ
type Mira	-----	-----	035.3	10.1	CMG	-----	-----	-----	023.67	12.4	BMU	-----	-----	-----	012.3	9.8	FJH
-----	-----	-----	035.3	10.2	FJH	232642	BG And	-----	035.27	12.3	BMU	2352-09	V Cet	-----	014.3	9.0	VDE
996.3	10.6	CMG	046.3	9.6	CMG	type Mira	-----	-----	035.28	12.6	FJH	type Mira	-----	-----	014.3	9.2	BMU
996.3	10.7	BMU	060.2	9.4	JRJ	-----	-----	-----	041.34	12.6	FJH	-----	-----	018.4	9.3	CMG	
996.5	10.7	HJO	076.3	9.1	FJH	992.4	10.6	FJH	042.26	12.4	BMU	015.3	9.6	CMG	018.5	9.0	HJO
000.3	10.4	FJH	076.4	9.3	CMG	006.4	10.6	FJH	042.52	12.5	HJO	016.4	9.6	FJH	023.3	8.9	CMG
009.5	10.2	JRJ	-----	-----	-----	018.3	11.2	FJH	047.27	12.3	BMU	022.4	9.6	CMG	034.4	8.5	FJH
011.3	10.1	BMU	231539	RY And	-----	026.5	11.7	FJH	047.45	12.7	FJH	042.4	11.1	CMG	035.3	8.5	CMG
011.3	10.1	CMG	type Mira	-----	-----	033.5	12.1	FJH	048.24	12.4	BMU	-----	-----	-----	046.4	8.4	CMG
014.3	10.2	FJH	-----	-----	-----	047.4	12.3	FJH	066.46	12.6	FJH	235255	WY Cas	-----	047.3	8.1	BMU
016.5	9.8	HJO	992.4	12.6	CMG	066.4	12.9	FJH	066.53	12.5	HJO	type Mira	-----	-----	060.3	8.1	JRJ
018.4	10.2	CMG	011.4	13.5	CMG	072.3	13.5	FJH	067.23	12.4	BMU	-----	-----	-----	076.3	8.6	CMG
020.3	10.0	BMU	018.5	13.1	CMG	-----	-----	-----	072.43	12.7	FJH	992.4	12.1	FJH	076.3	8.6	FJH

2357-15 W Cet
type Mira

015.3 11.6 CMG
022.4 11.0 CMG

235855A Y Cas
type Mira

992.3 13.6 CMG
992.4 13.6 FJH
011.3 13.7 CMG
011.4 13.7 FJH
016.5 13.3 JRJ
018.4 13.9 CMG
019.5 13.8 FJH
047.5 14.3 FJH
067.3 14.7 FJH
072.3 13.8 JRJ

235939 SV And
type Mira

992.4 13.6 CMG
992.6 13.8 JRJ
006.4 13.2 FJH
011.4 13.0 CMG
012.4 12.9 JRJ
016.3 12.8 FJH
018.5 12.5 CMG
033.4 12.3 FJH
035.3 11.8 CMG
041.3 11.8 FJH
046.4 11.7 CMG
057.3 11.2 FJH
067.3 9.6 JRJ
076.3 9.4 FJH
078.4 9.2 CMG

Jaarverslag Werkgroep Veranderlijke Sterren 1995

Het jaar 1995 was een recordjaar wat betreft het aantal verrichte waarnemingen. In de 35 jaar van het bestaan van de Werkgroep werden nog nooit zoveel schattingen in een jaar gedaan.

De aantallen waarnemingen waren als volgt over de waarnemers verdeeld : Siesmans 257, Bouma 2342, Comello 3922, van Dijk 377, Feijth 4862, v.d.Hil 76, Holtrop 468, Johanns 1325, Kuipers 35, Scholten 5, wat een totaal aantal van 13464 waarnemingen oplevert.

In de maand Mei overleed ons lid en oud-voorzitter van de NVWS Jan Luurs na een slopende ziekte; hij werd in Variabilia herdacht. Het verenigingsorgaan verscheen in 1995 drie keer. Het ledental daalde licht tot iets minder dan 40. De vertegenwoordigers van de Werkgroep bezochten de vergadering van de Verenigingsraad op 20 Mei. Voor twee Novae en twee Supernovae werden aparte berichten rondgestuurd. De voorzitter hield drie maal een lezing over veranderlijke sterren voor diverse afdelingen van de NVWS.

AGENDA Jaarvergadering Werkgroep Veranderlijke Sterren NVWS
Zaterdag 27 April 1996, aanvang 13.00 uur precies in Hotel "Het Wapen van Drenthe" te Roden voorafgaande aan de 73e Amateurbijeenkomst.

- 1) Opening door de Voorzitter
- 2) Ingekomen Stukken en Mededelingen
- 3) Notulen Ledenvergadering 22-4-1995
- 4) Jaarverslag 1995
- 5) Financieel Verslag 1995 van de Penningmeester
- 6) Verslag Kascommissie (Bouma en Tijssen)
- 7) Verkiezing nieuwe Kascommissie
- 8) Begroting 1996
- 9) Bestuursmutaties. Feijth en Hoogeveen zijn aan de beurt van aftreden, Feijth stelt zich herkiesbaar en Hoogeveen is niet meer beschikbaar. (Tegen)candidaten kunnen zich tot aan het begin der vergadering melden bij de secretaris
- 10) Verkiezing afgevaardigden Verenigingsraad. Feijth en Bouma stellen zich herkiesbaar.
- 11) W.v.t.t.k.
- 12) Rondvraag
- 13) Sluiting.

G.Comello (secretaris)

Werkgroep Veranderlijke Sterren - WVS.

Notulen jaarvergadering van 22 april 1995 in Roden.



- 1) Om 12:11 uur opent Jurriens de vergadering.
- 2) Dhr. Mak heeft laten weten niet meer deze vergaderingen bij te wonen. Penningmeester Hoogeveen deelt de 11 aanwezigen mede dat hij voor eigen doeleinden twee maal geld van de WVS-giro heeft opgenomen, en dit na korte tijd weer heeft teruggestort, hij noemt het zelf stom en verexcuseert zich tegenover de leden. Jurriens meldt dat het bestuur hier pas twee dagen voor deze vergadering van op de hoogte is gesteld. Comello vindt het een kwalijke zaak. Op voorstel van Brill besluiten we dit bij punt 6 af te handelen.
- 3) Brill vraagt zich af waarom zijn naam tussen haakjes staat, maar dat was omdat hij later binnenkwam. Comello stelt dat hij v.w.b. punt 9 een andere formulering heeft gebruikt, het bestuur zal voor een opvolger moeten zorgen. Bouma merkt t.a.v. punt 10 op dat de verhuizing van de heer Mak geen verhaal voor Zenit is.
- 4) Brill stelt voor de zin met de 200.000-ste waarneming anders te laten lopen, en ook het overlijden van der Kinderen in een aparte zin te memoreren. Bouma stelt voor in het jaarverslag ook het ~~memorandum~~ ^{in memoriam} dat in Variabilia is verschenen te noemen. Bouma vindt dat ook het aantal bedekkingsveranderlijke schattingen in het jaarverslag hoort.
- 5) Hoogeveen merkt op dat op de balans het girosaldo f 100,-- hoger moet zijn, en dus ook het eigen vermogen en de totalen.
- 6) Mak heeft gezien z'n leeftijd besloten geen kascommissielid te zijn zodat Bouma en Tijssen (was reserve) de kascommissie vormen. Bouma leest het verslag voor. Na enige discussie en na de belofte van Hoogeveen dat het in punt 2 genoemde feit zich niet weer voor zal doen, wordt de penningmeester decharge door de vergadering verleend.
- 7) Bouma en Tijssen zijn bereid het nog een keer te doen, Johanns wordt het nieuwe reservelid.
- 8) Omdat Comello de post via de RU verzendt, zijn er in principe geen porti en kopieerkosten, aangezien deze situatie zou kunnen veranderen wil Hoogeveen deze post blijven begroten. Op dit moment hebben 4 leden nog geen contributie betaald, Hoogeveen zal nog een briefje sturen.
- 9) Bouma merkt op dat er defacto van een bestuursverkiezing geen sprake kan zijn, omdat Comello vorig jaar voor de standaard termijn is gekozen. Comello merkt op er nog een jaar aan vast te zullen plakken, en dat het bestuur op zoek zal gaan naar een opvolger, en dat hij het verzenden van de Variabilia wel wil blijven doen.
- 10) Feijth en Bouma blijven VR-afgevaardigde, Hoogeveen is reserve.
- 11) Jurriens brengt het plan ter tafel om in het najaar of komend voorjaar een veranderlijke sterrendag in combinatie met bv astrofotografie te gaan organiseren.
- 12) Schuitema vraagt of punt 11 dan op een zondag zou kunnen, voor hem is het vrijwel onmogelijk op een zaterdag vrij te nemen. Hoogeveen vraagt om te letten op spreiding over het land bij het zoeken naar een nieuw bestuurslid.
- 13) Om 12:50 uur bedankt Jurriens een ieder voor zijn bijdrage en sluit de vergadering.

G. Kuipers - 2^{de}-secretaris..