Table 3. Measurements and $(O-C)$.

WDS 00174+0853 = A 1803							WDS 00174+0853 = A 1803						
t	$\theta_t[°]$	$\varrho['']$	n	Obs	$\Delta\theta[°]$	$\Delta\varrho['']$	t	$\theta_t[°]$	$\varrho['']$	n	Obs	$\Delta\theta[°]$	$\Delta\varrho['']$
1908.75	300.1	0.14	4	A	−0.7	−0.002	1991.729	126.4	0.165	1	Lin	−1.0	−0.012
1909.76	319.5	0.13	2	A	20.5	0.011	1991.729	126.0	0.149	1	Cou	−1.4	−0.028
1917.36	149.1	0.15	2	A	17.0	0.038	1991.8934	126.2	0.170	1	Hrt	−1.0	−0.009
1921.64	122.4	0.16	2	A	−4.0	−0.026	1993.8442	124.6	0.179	1	Bag	−0.9	−0.011
1922.70	123.7	0.20	1	A	−1.8	0.010	1993.9250	125.0	0.180	1	Hrt	−0.4	−0.010
1926.74	122.7	0.15	2	A	1.3	0.005	1994.8672 *	303.3	0.182	1	Hrt	−1.3	−0.005
1932.73			2	A	(324.0	0.046)	1995.6068	124.0	0.179	1	Hrt	0.1	−0.002
1934.83	298.3	0.12	3	A	−13.4	0.009	1995.9180	123.1	0.181	1	Hrt	−0.5	0.004
1936.61	299.0	0.16	1	Vou	−9.5	0.006	1998.663	123.2	0.168	1	Sca	3.2	0.044
1937.64	317.8	0.17	1	B	10.4	−0.002	1998.7772 *	299.6	0.145	1	Bag	−0.1	0.024

WDS 02231+7021 = MLR 377						
t	$\theta_t[°]$	$\varrho['']$	n	Obs	$\Delta\theta[°]$	$\Delta\varrho['']$
1972.66	162.4	0.48	1	Mlr	0.8	−0.075
1973.76	160.0	0.61	2	Mlr	−1.0	0.043
1976.51	161.7	0.70	3	Mlr	2.3	0.106
1979.88	157.6	0.59	2	Hei	−0.1	−0.029
1982.22	157.0	0.68	3	Mlr	0.4	0.047
1983.0663	154.2	0.584	1	McA	−2.0	−0.053
1983.7107	154.1	0.585	1	McA	−1.9	−0.054
1984.9967	153.9	0.611	1	McA	−1.5	−0.033
1985.8541	153.5	0.602	1	McA	−1.5	−0.044
1988.76	157.3	0.75	3	Mlr	3.6	0.100
1991.25	150.2	0.621	1	HIP	−2.4	−0.028
1991.64	151.6	0.61	1	TYC	−0.9	−0.039
1991.9017	149.4	0.625	1	Hrt	−2.9	−0.023
1992.47	151.5	0.60	3	Mlr	−0.6	−0.047
1994.99	146.3	0.68	2	Hei	−4.7	0.040
1999.7286	145.3	0.659	1	Doc	−3.4	0.044
1999.745	144.7	0.62	1	Lin	−4.0	0.006
1999.745	147.1	0.64	1	Pri	−1.6	0.026
2000.98	147.9	0.64	1	Alz	−0.2	0.034
2001.9882	147.7	0.56	1	WSI	0.1	−0.038

Left column continued:

t	$\theta_t[°]$	$\varrho['']$	n	Obs	$\Delta\theta[°]$	$\Delta\varrho['']$
1943.63	299.2	0.16	2	Vou	−2.5	0.004
1943.78	298.8	0.17	4	VBs	−2.7	0.017
1945.543	301.	0.15	4	Vou	2.6	0.038
1946.70			2	Jef	(294.5	0.080)
1947.70			1	Jef	(287.0	0.051)
1952.88 *	319.2	0.137	4	Fin	7.0	0.025
1953.59	132.6	0.11	3	Mlr	1.9	−0.020
1953.88 *	308.2	0.13	6	VBs	−2.0	−0.007
1953.92 *	308.1	0.138	3	Fin	−2.0	0.000
1957.76 *	304.5	0.18	2	Mlr	−1.4	−0.009
1958.32 *	305.8	0.14	4	B	0.3	−0.050
1962.67 *	305.0	0.13	4	B	4.2	−0.006
1965.77		0.15	3	Mlr	(105.9	0.045)
1965.779			1	Wor	(105.7	0.045)
1969.824			1	Cou	(313.2	0.095)
1970.01		0.14	1	Mlr	(312.7	0.101)
1971.690	317.	0.13	1	Wor	7.8	−0.014
1972.661	308.8	0.23	3	Wak	0.9	0.066
1975.589	308.4	0.17	1	Wak	3.2	−0.020
1976.570 *	116.1	0.16	3	Wor	−8.2	−0.027
1976.6166 *	120.1	0.184	1	McA	−4.2	−0.003
1977.6350 *	125.3	0.186	1	McA	1.9	0.007
1978.68 *	122.7	0.15	3	Hei	0.4	−0.014
1978.952	309.0	0.16	2	Hln	7.0	0.001
1979.7730 *	120.4	0.167	1	McA	−0.5	0.024
1982.68			2	Hei	(291.9	0.067)
1982.858 *	116.3	0.093	1	Tok	5.7	0.031
1983.9602 *	87.5	0.074	1	Bag	−4.7	0.044
1984.778	150.2	0.051	1	Tok	−60.4	0.034
1985.745 *	306.9	0.095	1	Tok	−25.0	0.059
1985.8429	143.4	0.052	1	McA	−6.4	0.013
1986.6515			1	Bag	(139.7	0.063)
1986.8859	142.6	0.088	1	McA	4.5	0.018
1988.5041	129.2	0.119	1	Ism	−2.8	0.004
1988.6552	130.8	0.125	1	McA	−0.8	0.006
1988.8618	133.1	0.102	1	Ism	1.9	−0.022
1989.04	125.4	0.15	5	LBu	−5.4	0.022
1989.7174	126.8	0.148	1	Hrt	−2.9	0.004
1991.25 *	308.	0.17	1	HIP	0.2	−0.001
1991.7156	126.0	0.174	1	Hrt	−1.4	−0.003

WDS 05484+2052 = STT 118						
t	$\theta_t[°]$	$\varrho['']$	n	Obs	$\Delta\theta[°]$	$\Delta\varrho['']$
1843.21	335.4	0.42	2	Mad	20.3	−0.123
1845.72	313.0	0.64	2	Stt	−2.2	0.086
1852.22	303.7	0.54	1	Stt	−11.5	−0.038
1867.94	317.8	0.72	3	D	2.4	0.099
1873.25	312.5	0.63	1	Stt	−3.0	0.000
1879.13	314.7	0.92	1	Bu	−0.8	0.283
1890.15	315.2	0.90	3	Tar	−0.4	0.260
1891.99	318.6	0.70	3	Bu	2.9	0.061
1897.16	317.1	0.64	1	L	1.4	0.004
1897.97	308.3	0.53	1	Bow	−7.4	−0.105
1898.13	313.5	0.68	2	Bow	−2.2	0.045
1898.874	320.9	0.55	1	Hu	5.2	−0.084
1899.04	320.5	0.61	1	Bry	4.8	−0.024
1899.10	312.8	0.58	2	Bow	−2.9	−0.054
1899.23	320.9	0.70	2	Col	5.2	0.066
1899.809	321.8	0.68	2	Hu	6.1	0.047

Table 3. continued.

WDS 05484+2052 = STT 118							WDS 06425+6612 = MLR 318						
t	$\theta_t[°]$	$\varrho['']$	n	Obs	$\Delta\theta[°]$	$\Delta\varrho['']$	t	$\theta_t[°]$	$\varrho['']$	n	Obs	$\Delta\theta[°]$	$\Delta\varrho['']$
1899.95	307.3	0.45	1	L	−8.4	−0.183	1976.15	309.5	1.51	3	Mlr	0.5	0.067
1900.17	314.0	0.48	2	Bow	−1.7	−0.153	1980.62	310.3	1.35	4	Mlr	1.3	−0.127
1900.24	312.2	0.54	1	L	−3.5	−0.092	1984.42	309.9	1.42	4	Mlr	1.0	−0.085
1903.00	306.1	0.60	1	Bow	−9.7	−0.029	1988.09	308.0	1.44	3	Mlr	−0.9	−0.091
1903.11	311.6	0.64	4	Bow	−4.2	0.012	1991.06	308.7	1.43	3	Mlr	−0.2	−0.122
1903.12	308.7	0.74	1	Fur	−7.1	0.112	1991.25	308.4	1.628	1	HIP	−0.5	0.075
1909.14	318.2	0.56	1	Bow	2.4	−0.057	1991.79	308.1	1.608	1	TYC	−0.8	0.051
1911.06	321.9	0.62	3	Wz	6.0	0.007	1992.54	308.3	1.57	3	Mlr	−0.5	0.008
1911.92	322.1	0.61	1	Neu	6.2	−0.001	1995.19	310.2	1.67	2	Hei	1.4	0.090
1911.97	315.0	0.58	8	Bow	−0.9	−0.031	WDS 13100+1732 = STF1728 AB						
1914.10	311.4	0.32	3	Rab	−4.5	−0.286	t	$\theta_t[°]$	$\varrho['']$	n	Obs	$\Delta\theta[°]$	$\Delta\varrho['']$
1915.20	316.6	0.46	4	Rab	0.7	−0.143	1827.83	189.5	0.57	1	StF	−2.3	−0.034
1927.12	311.9	0.56	1	Fat	−4.1	−0.004	1829.40	191.6	0.64	3	StF	−0.1	0.012
1928.14	316.8	0.62	1	Fat	0.8	0.060	1831.21	45.		1	HJ	(191.6	0.566)
1930.04	319.6	0.60	3	Bon	3.5	0.047	1832.38			1	Smy	(191.6	0.440)
1933.46	316.1	0.49	4	Baz	−0.0	−0.049	1833.37	170.7		2	StF	(191.4	0.246)
1934.04	320.2	0.53	1	Kui	4.1	−0.006	1834.43	228.3		1	StF	(12.6	0.051)
1943.16	318.4	0.54	6	Rab	2.2	0.047	1835.39	11.2		4	StF	(11.7	0.297)
1943.69	317.6	0.55	3	Vou	1.4	0.059	1836.41	10.2	0.30	2	StF	−1.4	−0.141
1950.24	315.2	0.51	1	Mrz	−1.1	0.054	1837.40	11.0	0.39	6	StF	−0.5	−0.100
1951.05	317.4	0.55	1	Mrz	1.1	0.099	1838.41	9.6	0.33	3	StF	−1.8	−0.156
1953.16	317.6	0.52	5	Rab	1.2	0.081	1839.41	12.2	0.59	1	Gll	0.8	0.140
1963.21	320.6	0.49	4	Hei	4.1	0.112	1839.41	10.0		1	Smy	(11.4	0.450)
1965.8	311.2	0.4	2	Dur	−5.4	0.039	1840.45	11.8	0.42	3	Stt	0.5	0.030
1967.14	320.5	0.48	3	Hei	3.9	0.128	1840.74	18.5	0.42	1	Da	7.3	0.050
1968.91	318.4	0.36	1	Mlr	1.8	0.019	1841.40	4.7	0.32	11	Mad	−6.5	−0.002
1977.04	317.8	0.30	3	Hei	1.0	0.015	1841.41	7.6	0.50	2	Stt	−3.6	0.179
1979.1922	319.1	0.322	1	McA	2.2	0.053	1842.34			1	Gsh	(11.0	0.248)
1980.1588	316.8	0.285	1	McA	−0.1	0.023	1842.40	7.4	0.25	5	Stt	−3.6	0.007
1982.7607	317.7	0.255	1	McA	0.7	0.011	1842.45	15.4		4	Mad	(10.9	0.239)
1982.9329	322.2	0.263	1	McA	5.2	0.021	1842.50	5.0	0.3	1	Smy	−5.9	0.066
1983.0665	315.9	0.243	1	McA	−1.1	0.002	1842.53			1	Da	(10.9	0.232)
1984.0632	316.6	0.246	1	Msn	−0.4	0.012	1843.45			1	Da	(10.5	0.153)
1984.779 *	126.8	0.084	1	Tok	−10.3	−0.145	1843.45	10.8	0.14	2	Mad	0.3	−0.013
1985.743 *	148.0	0.050	2	Tok	10.9	−0.172	1844.32	9.4		2	Mad	(9.4	0.076)
1985.8542	317.4	0.218	1	McA	0.3	−0.003	1845.47			1	Stt	(198.0	0.027)
1986.8918	316.8	0.205	1	McA	−0.4	−0.008	1846.40	65.7		3	Stt	(193.1	0.110)
1988.17	314.8	0.17	2	LBu	−2.4	−0.034	1847.42	190.6	0.15	3	Stt	−1.8	−0.049
1988.1729	317.4	0.187	3	McA	0.2	−0.016	1848.42	197.2	0.27	3	Stt	5.0	−0.013
1988.9097	319.3	0.192	1	McA	2.1	−0.006	1849.42	184.3	0.34	3	Stt	−7.7	−0.023
1989.2375	316.0	0.172	1	McA	−1.3	−0.024	1850.39	185.2	0.39	3	Stt	−6.7	−0.044
1990.151	315.2	0.21	1	Gii	−2.1	0.021	1851.13	192.4	0.38	2	Mad	0.5	−0.103
1991.25	306.	0.137	1	HIP	−11.4	−0.043	1851.42	183.8	0.41	4	Stt	−8.0	−0.091
1993.7628			1	Bag	(317.5	0.161)	1851.96	194.5	0.47	3	Mad	2.7	−0.062
WDS 06425+6612 = MLR 318							1852.42	191.0	0.54	6	Mad	−0.8	−0.016
t	$\theta_t[°]$	$\varrho['']$	n	Obs	$\Delta\theta[°]$	$\Delta\varrho['']$	1852.43	186.5	0.48	3	Stt	−5.3	−0.077
1972.01	309.1	1.27	1	Mlr	0.1	−0.140	1853.09	194.2	0.63	4	Da	2.5	0.044
1973.03	308.2	1.53	3	Hei	−0.8	0.112	1853.35	194.2	0.62	14	Mad	2.5	0.024
1973.85	309.3	1.31	2	Mlr	0.3	−0.115	1853.40	184.9	0.48	3	Stt	−6.8	−0.118
1976.02	308.4	1.72	3	Hei	−0.6	0.278	1854.38	186.6	0.51	1	Stt	−5.1	−0.113

Table 3. continued.

WDS 13100+1732 = STF1728 AB							WDS 13100+1732 = STF1728 AB						
t	$\theta_t[°]$	$\varrho['']$	n	Obs	$\Delta\theta[°]$	$\Delta\varrho['']$	t	$\theta_t[°]$	$\varrho['']$	n	Obs	$\Delta\theta[°]$	$\Delta\varrho['']$
1854.39	192.8	0.55	5	Da	1.1	−0.073	1875.43	190.4	0.51	5	D	−1.5	0.128
1854.40	193.6	0.61	8	Mad	1.9	−0.013	1875.45	13.6		1	Stt	(191.9	0.383)
1855.38	198.8	0.58	2	Mad	7.2	−0.047	1875.46	187.0	0.36	3	Stt	−4.9	−0.024
1855.44	185.5	0.54	2	Stt	−6.1	−0.086	1875.53	191.5	0.32	6	Du	−0.4	−0.069
1856.38	190.7	0.6	1	Mrt	−0.9	−0.000	1876.36	186.4	0.5	1	WS	−5.4	0.051
1856.40	192.8	0.52	5	Mad	1.2	−0.079	1876.38	191.2	0.58	4	D	−0.6	0.130
1856.42	192.0	0.78	3	Wnc	0.4	0.182	1876.402	193.4	0.40	4	Hl	1.6	−0.051
1856.96	192.4	0.47	6	Se	0.8	−0.097	1876.42	183.6	0.47	3	Stt	−8.2	0.017
1857.39	188.3	0.52	3	Mad	−3.3	−0.011	1876.45	193.1	0.47	4	Sp	1.3	0.015
1857.49	187.2	0.38	2	Stt	−4.4	−0.141	1877.41	190.4	0.52	9	Sp	−1.4	0.005
1858.40	196.2	0.4	6	Mad	4.7	0.003	1877.45	191.4	0.51	5	D	−0.4	−0.007
1858.44	184.2	0.29	2	Stt	−7.3	−0.100	1877.46	184.9	0.45	3	Stt	−6.9	−0.068
1859.38	40.		4	Stt	(191.3	0.181)	1878.37	182.2	0.61	1	Stt	−9.5	0.044
1860.34	3.6	0.2	1	Da	−8.5	0.103	1878.38	190.6		7	Sbk	(191.7	0.566)
1861.38	10.7		2	Mad	(11.6	0.341)	1878.385	13.7		3	Je	(191.7	0.566)
1861.40	2.8	0.50	1	Stt	−8.8	0.156	1878.387	189.6	0.51	4	Hl	−2.1	−0.056
1861.42	1.5	0.36	2	Stt	−10.1	0.012	1878.43	190.8	0.57	3	D	−0.9	0.002
1862.26	9.1		7	D	(11.5	0.448)	1879.37	192.1	0.68	2	Bu	0.4	0.075
1862.37	16.4		2	Mad	(11.5	0.457)	1879.417	193.2	0.51	4	Hl	1.5	−0.096
1862.40	13.4	0.54	2	Stt	1.9	0.081	1879.42	191.4	0.61	5	Sp	−0.3	0.004
1862.42	2.9		1	Stt	(11.5	0.460)	1879.44	184.9	0.61	1	Stt	−6.8	0.003
1863.26	189.1		7	D	(11.5	0.492)	1879.44	192.8	0.85	5	Hod	1.1	0.243
1863.44	13.5	0.47	1	Stt	2.1	−0.023	1879.52	198.5	0.70	2	Sbk	6.8	0.091
1863.84	12.2	0.48	2	Da	0.8	−0.012	1879.55	196.7	0.70	2	Sbk	5.0	0.090
1864.42	5.1	0.42	3	Stt	−6.3	−0.059	1880.366	191.7	0.52	4	Hl	0.1	−0.106
1864.42	190.9		1	Se	(11.4	0.479)	1880.41	14.3		4	Je	(191.6	0.626)
1865.53	194.0		2	Se	(11.3	0.431)	1881.25	191.2	0.61	4	Dob	−0.4	−0.015
1865.57	189.5		5	D	(11.3	0.428)	1881.26	192.2	0.70	2	Big	0.6	0.075
1865.59	13.7	0.54	6	Eng	2.4	0.113	1881.37	193.0	0.64	4	Bu	1.4	0.017
1866.44	4.3	0.33	3	Stt	−6.9	−0.044	1881.38	191.6	0.66	5	Sp	0.0	0.037
1867.32	21.4		1	Win	(11.1	0.310)	1881.393	192.6	0.53	4	Hl	1.0	−0.093
1867.32	24.7		1	Sea	(11.1	0.310)	1881.41	193.5	0.5	7	Pry	1.9	−0.123
1867.47	10.7	0.26	2	Stt	−0.4	−0.038	1882.32	195.3	1.10	3	Sbk	3.7	0.509
1867.77	194.8		2	D	(11.0	0.274)	1882.36	191.8		3	Smt	(191.6	0.589)
1868.44	9.2	0.36	2	Stt	−1.6	0.141	1882.36	194.9		1	Smt	(191.6	0.589)
1869.24	191.6		1	Tal	(10.5	0.150)	1882.36	195.4	0.90	3	Sbk	3.8	0.311
1869.40	19.		3	Du	(10.3	0.136)	1882.378	192.0	0.54	4	Hl	0.4	−0.048
1869.47	195.		1	Stt	(10.3	0.130)	1882.42	191.4	0.65	6	Sp	−0.1	0.064
1870.44	70.		2	Stt	(7.7	0.044)	1882.46	185.6	0.50	1	Stt	−5.9	−0.083
1870.45	16.		4	Du	(7.6	0.043)	1882.46	190.4		1	Stt	(191.5	0.583)
1871.39	10.		1	Du	(195.7	0.041)	1882.93	192.1	0.56	7	Eng	0.6	0.010
1871.70	194.6		3	D	(194.0	0.069)	1883.42	191.2	0.51	8	Sp	−0.3	0.008
1872.41	219.		3	Stt	(192.8	0.132)	1883.424	193.2	0.50	4	Hl	1.7	−0.001
1872.52	20.		2	Du	(192.7	0.142)	1883.48	193.4	0.55	5	Ku	1.9	0.055
1873.36			1	WS	(192.3	0.215)	1883.51	191.5	0.54	2	Per	0.0	0.049
1873.46	186.8	0.3	3	Stt	−5.5	0.077	1884.39	195.8	0.35	4	Sp	4.4	−0.003
1873.74	200.5		3	D	(192.2	0.247)	1884.405	189.7	0.36	3	Hl	−1.7	0.009
1874.41	183.5	0.3	3	Stt	−8.6	−0.002	1885.40	110.		1	Per	(191.0	0.108)
1875.30	192.5	0.5	1	WS	0.6	0.128	1885.42			4	Sp	(191.0	0.102)
1875.43	192.2	0.39	10	Sp	0.3	0.008	1885.492	190.2	0.35	1	Hl	−0.7	0.269

3

Table 3. continued.

WDS 13100+1732 = STF1728 AB							WDS 13100+1732 = STF1728 AB						
t	$\theta_t[°]$	$\varrho['']$	n	Obs	$\Delta\theta[°]$	$\Delta\varrho['']$	t	$\theta_t[°]$	$\varrho['']$	n	Obs	$\Delta\theta[°]$	$\Delta\varrho['']$
1886.40	179.5		2	StH	(11.7	0.181)	1897.99	200.0	0.11	1	Hu	7.0	−0.007
1886.422	10.0	0.27	3	Hl	−1.7	0.084	1898.31	188.7	0.19	3	A	−4.0	0.045
1886.51	15.9	0.26	6	Sp	4.2	0.051	1898.35	205.1	0.15	1	Hu	12.5	0.002
1887.43	13.1	0.39	9	Sp	1.6	0.004	1898.40	204.0	0.17	3	L	11.4	0.017
1887.442	13.6	0.42	4	Hl	2.1	0.032	1898.45	190.1	0.19	8	Sp	−2.5	0.033
1887.51	11.4	0.41	6	StH	−0.1	0.013	1899.29	183.5	0.17	1	Bow	−8.7	−0.059
1888.27	12.0	0.50	3	Sp	0.5	0.034	1899.32	187.0	0.25	4	L	−5.2	0.018
1888.38	15.6	0.86	6	Cel	4.2	0.388	1899.332	193.1	0.34	2	Doo	0.9	0.107
1888.400	13.8	0.45	3	Hl	2.4	−0.023	1899.36	189.7	0.22	3	A	−2.5	−0.015
1888.43	6.8	0.4	1	Stt	−4.6	−0.075	1899.398	187.6	0.27	2	Brs	−4.6	0.031
1888.43	10.8		1	Stt	(11.4	0.475)	1899.399	184.2	0.21	1	See	−8.0	−0.029
1888.56	10.9	0.51	2	StH	−0.5	0.030	1899.41	192.1	0.21	9	Sp	−0.1	−0.030
1889.08	10.5	0.56	1	Lv	−0.9	0.067	1899.533	192.7	0.28	3	Com	0.5	0.030
1889.36	9.9	0.57	5	StH	−1.5	0.076	1900.34	208.8	0.19	1	Bow	16.8	−0.126
1889.39	7.4	0.57	1	Stt	−4.0	0.076	1900.34	14.2		1	Loh	(192.0	0.316)
1889.41	10.9	0.46	5	Sp	−0.5	−0.033	1900.42	196.4	0.24	2	L	4.4	−0.083
1889.43	12.5		1	Cel	(11.4	0.493)	1900.44	205.0	0.33	2	Bry	13.0	0.006
1890.33	10.2	0.54	1	Bu	−1.1	0.066	1900.46	190.2	0.30	3	Sp	−1.8	−0.026
1890.33	9.1	0.79	3	Bu	−2.2	0.316	1901.26	190.0	0.30	3	A	−1.9	−0.087
1890.40	10.6	0.47	11	Sp	−0.7	−0.002	1901.33	196.6	0.28	1	Bry	4.7	−0.113
1890.48	8.9	0.49	3	StH	−2.4	0.021	1901.352	190.6	0.46	4	Com	−1.3	0.066
1891.408 *	192.7	0.47	1	Big	1.5	0.046	1901.37	196.7	0.31	3	L	4.8	−0.086
1891.43	10.6	0.43	10	Sp	−0.6	0.008	1901.42	195.4	0.16	1	Bow	3.5	−0.239
1891.446	11.4	0.51	3	Hl	0.2	0.089	1902.25	194.2	0.40	2	Bry	2.4	−0.058
1891.51	10.2	0.50	2	StH	−1.0	0.082	1902.31	193.4	0.43	2	L	1.6	−0.032
1892.37	11.7	0.48	2	Lv	0.6	0.118	1902.39	192.3	0.35	1	Bow	0.5	−0.117
1892.40	10.7	0.45	6	Sp	−0.4	0.090	1902.392	192.1	0.54	3	Com	0.3	0.073
1892.452 *	192.0	0.43	3	Big	0.9	0.074	1902.87	188.2	0.55	6	StH	−3.5	0.052
1893.41	19.5	0.47	2	L	8.5	0.187	1903.14	10.4		6	Pos	(191.7	0.514)
1893.424 *	191.5	0.37	3	Big	0.5	0.088	1903.28	196.2	0.33	3	Bow	4.5	−0.192
1893.45	10.2	0.32	5	Sp	−0.8	0.040	1903.29	187.8	0.57	1	Bry	−3.9	0.048
1894.227	.1	0.21	3	Com	−10.7	−0.006	1903.30	192.1	0.60	4	Dob	0.4	0.077
1894.449	196.6		1	Big	(10.7	0.197)	1903.312	190.0	0.68	8	Doo	−1.7	0.156
1894.46	8.8	0.22	4	Sp	−1.9	0.024	1903.343	191.3	0.60	3	Com	−0.4	0.075
1895.29	13.9	0.14	3	See	3.7	0.016	1903.38	193.9	0.60	4	Cel	2.2	0.073
1895.32	17.1	0.23	4	StH	7.0	0.108	1903.42	190.4	0.43	2	A	−1.3	−0.100
1895.34	357.		3	Ren	(10.1	0.120)	1903.524	192.6	0.58	6	VBs	0.9	0.045
1895.349	332.	0.16	3	Com	321.9	0.041	1904.230	192.5	0.56	1	VBs	0.8	−0.010
1895.41	13.4	0.15	3	Sp	3.4	0.036	1904.32	192.9	0.85	1	Loh	1.2	0.276
1896.264			2	Com	(7.0	0.038)	1904.40	196.5	0.36	2	Bow	4.8	−0.218
1896.33	21.1	0.15	1	L	15.0	0.118	1904.46	199.2	0.47	1	Fur	7.5	−0.110
1896.38	204.7		1	Dys	(5.3	0.027)	1904.562	187.9	0.51	3	Doo	−3.8	−0.075
1896.41	181.5		1	Hig	(4.6	0.025)	1904.73	196.3	0.59	3	Wz	4.7	−0.001
1896.41	204.0		1	Sbk	(4.6	0.025)	1905.11	192.6	0.73	3	A	1.0	0.126
1896.45			3	Sp	(3.4	0.021)	1905.35	194.3	0.91	3	Loh	2.7	0.299
1897.34	170.1	0.07	1	L	−24.3	0.011	1905.35	193.7	0.60	1	L	2.1	−0.011
1897.36			1	Knr	(194.3	0.061)	1905.37	193.2	0.49	1	Bow	1.6	−0.122
1897.36			1	L	(194.3	0.061)	1905.41	194.3	0.65	3	Lau	2.7	0.037
1897.42			1	Sbk	(194.1	0.066)	1906.218	192.9	0.65	2	Lau	1.3	0.023
1897.42			6	Sp	(194.1	0.066)	1906.29	191.5	0.68	3	A	−0.1	0.053

Table 3. continued.

WDS 13100+1732 = STF1728 AB							WDS 13100+1732 = STF1728 AB						
t	$\theta_t[°]$	$\varrho['']$	n	Obs	$\Delta\theta[°]$	$\Delta\varrho['']$	t	$\theta_t[°]$	$\varrho['']$	n	Obs	$\Delta\theta[°]$	$\Delta\varrho['']$
1906.31	192.8	0.95	2	Loh	1.2	0.323	1917.35	10.8	0.47	4	Com	−0.4	0.057
1906.42	189.6		5	Kom	(191.6	0.628)	1917.38	12.4	0.42	3	J	1.2	0.009
1907.30	190.0	0.66	2	Com	−1.5	0.040	1917.39	13.8	0.30	2	Ptt	2.6	−0.110
1907.35	188.4	0.51	2	Sal	−3.1	−0.109	1917.46	12.4	0.49	2	Lv	1.2	0.084
1907.37	190.4	0.57	3	Lv	−1.1	−0.048	1918.217	12.5	0.40	1	VBs	1.4	0.045
1908.10	189.3	0.55	5	Doo	−2.2	−0.040	1918.40	7.0	0.45	3	Com	−4.1	0.108
1908.196	192.1	0.51	3	VBs	0.6	−0.075	1918.53	12.1	0.39	1	A	1.1	0.058
1908.34	191.4	0.47	4	Bow	−0.1	−0.106	1919.32	9.9	0.36	2	A	−1.0	0.089
1908.40	191.0	0.50	5	Prz	−0.5	−0.072	1919.33	5.9	0.35	3	Com	−5.0	0.080
1908.40	192.5	0.62	5	Dob	1.0	0.048	1919.36	12.1	0.43	1	Fur	1.2	0.162
1908.50	196.9	0.54	4	J	5.4	−0.024	1919.40	11.2	0.42	2	Lv	0.3	0.156
1908.50	196.9	0.55	4	J	5.4	−0.014	1920.196	359.3	0.23	3	Fox	348.6	0.032
1908.52	195.2	0.58	2	Com	3.7	0.017	1920.328	12.0	0.20	3	VBs	1.4	0.013
1909.271	189.9	0.42	1	VBs	−1.5	−0.070	1920.35	12.8	0.28	2	A	2.2	0.095
1909.30	7.3		1	Has	(191.4	0.487)	1921.28	9.9	0.21	1	Bry	0.1	0.106
1909.36	192.4	0.42	3	Bow	1.0	−0.059	1921.36	13.4	0.14	3	A	3.7	0.044
1909.37	186.8	0.47	1	Jan	−4.6	−0.008	1923.402		0.1	1	VBs	(193.4	0.086)
1909.37	187.7	0.40	1	Lau	−3.7	−0.078	1923.50			1	A	(193.3	0.095)
1909.38	190.9	0.45	3	J	−0.5	−0.027	1924.259	187.9	0.18	1	VBs	−4.6	0.018
1909.38	195.7	0.40	4	Dob	4.3	−0.077	1924.50	193.6	0.16	1	A	1.2	−0.023
1909.38	190.9	0.45	3	J	−0.5	−0.027	1925.250	190.2	0.22	3	VBs	−1.9	−0.027
1909.41	191.2	0.46	3	Com	−0.2	−0.013	1925.34	191.2	0.25	1	A	−0.9	−0.004
1910.37	205.6	0.40	4	Dob	14.3	0.093	1925.380	193.8	0.21	1	Pav	1.7	−0.048
1910.40	187.3	0.33	1	Bow	−4.0	0.029	1925.42	194.0	0.33	2	Plq	1.9	0.069
1910.48	193.8	0.33	3	A	2.5	0.047	1925.90	189.2	0.34	2	Fur	−2.8	0.040
1911.40	196.4	0.13	2	A	6.4	0.094	1927.21	190.9	0.42	3	StG	−0.9	0.018
1911.511	182.5	0.20	1	VBs	7.0	0.197	1927.32	190.7	0.42	3	Fur	−1.1	0.010
1912.29	12.6	0.24	2	A	1.0	0.025	1927.35	189.7	0.38	4	Rab	−2.1	−0.032
1912.32	12.8	0.26	2	Bow	1.2	0.038	1927.41	196.5	0.44	3	Fat	4.7	0.024
1912.44	12.0	0.24	2	Bry	0.4	−0.011	1928.32 *	9.6	0.51	4	Phl	−2.1	0.032
1913.298	12.1	0.42	2	VBs	0.6	0.019	1928.40	193.9	0.44	1	Fat	2.2	−0.044
1913.34	11.1	0.26	3	Bow	−0.4	−0.146	1928.59	189.4	0.43	2	A	−2.3	−0.065
1913.34	15.5	0.55	3	Doo	4.0	0.144	1930.37	197.2	0.69	1	Bon	5.6	0.103
1913.39	9.3	0.54	4	Dob	−2.2	0.128	1931.27	191.4	0.45	1	Gcb	−0.2	−0.165
1914.29	12.0	0.46	4	Rab	0.6	−0.019	1931.39	193.9	0.66	4	Dob	2.3	0.042
1914.32	7.3	0.46	3	Dob	−4.1	−0.020	1931.49	191.2	0.66	1	Bon	−0.4	0.040
1914.34	10.4	0.35	4	Bow	−1.0	−0.131	1932.27	191.1	0.58	2	Smw	−0.4	−0.048
1914.36	9.2	0.57	2	Lv	−2.2	0.088	1932.46	194.8	0.79	2	Bon	3.3	0.162
1914.39	12.9	0.52	2	Com	1.5	0.037	1932.47	193.4	0.73	4	Fin	1.9	0.102
1914.47	9.6	0.47	2	A	−1.8	−0.015	1933.12	192.8	0.78	3	Ol	1.3	0.162
1914.478	11.9	0.55	3	VBs	0.5	0.064	1933.40	191.8	0.61	3	Baz	0.3	−0.000
1915.05	16.3	0.49	3	Bry	5.0	−0.004	1933.46	193.3	0.73	1	Fin	1.8	0.122
1915.302	10.8	0.55	3	VBs	−0.5	0.058	1934.34	193.4	0.76	4	Ina	2.0	0.202
1915.31	11.5	0.36	12	Rab	0.2	−0.132	1934.38	193.2	0.55	4	Baz	1.8	−0.005
1915.35	10.5	0.50	3	J	−0.8	0.008	1934.41	191.3	0.70	3	Ol	−0.1	0.148
1915.37	11.8	0.56	3	Com	0.5	0.068	1934.50	189.1	0.58	1	A	−2.3	0.035
1916.285	10.6	0.47	2	VBs	−0.7	0.003	1935.15	198.8	0.58	4	WRH	7.4	0.105
1916.37	9.0	0.51	1	Rab	−2.3	0.047	1935.26	191.3	0.62	4	WRH	−0.1	0.160
1916.37	13.2	0.60	1	J	1.9	0.137	1935.38	193.6	0.427	4	Dan	2.2	−0.016
1916.43	11.5	0.58	3	Com	0.3	0.119	1935.39	193.6	0.45	4	Baz	2.2	0.009

Table 3. continued.

WDS 13100+1732 = STF1728 AB							WDS 13100+1732 = STF1728 AB						
t	$\theta_t[°]$	$\varrho['']$	n	Obs	$\Delta\theta[°]$	$\Delta\varrho['']$	t	$\theta_t[°]$	$\varrho['']$	n	Obs	$\Delta\theta[°]$	$\Delta\varrho['']$
1935.40	193.7	0.41	4	Dan	2.3	−0.030	1947.26	0	0.2	1	Lt	(9.4	0.084)
1935.43	193.2	0.46	2	Smw	1.8	0.025	1947.27	328.	0.12	1	Mlr	318.6	0.037
1936.15	192.0	0.32	4	Vou	0.7	0.018	1947.41			2	Baz	(9.0	0.070)
1936.18	191.4	0.46	2	Smw	0.1	0.165	1948.32			1	Baz	(206.2	0.012)
1936.39	196.3	0.2	2	Dan	5.1	−0.046	1948.43			1	Rab	(199.4	0.021)
1936.39	200.7	0.25	2	Baz	9.5	0.004	1949.52	186.4	0.09	2	WRH	−6.5	−0.028
1936.39	196.3	0.20	3	Dan	5.1	−0.046	1949.57	222.1	0.09	2	WRH	29.3	−0.033
1936.45	193.5	0.22	4	Rab	2.3	−0.011	1950.			3	Baz	(192.5	0.161)
1937.16	208.3	0.53	2	WRH	18.4	0.495	1950.19	176.	0.16	3	Mlr	−16.4	−0.017
1937.30			2	Dan	(18.8	0.007)	1950.30	195.0	0.15	2	Mrz	2.7	−0.037
1937.39			1	Baz	(12.9	0.034)	1950.41	198.4	0.25	1	Rab	6.1	0.054
1937.42			2	Rab	(12.6	0.043)	1950.49	177.7	0.15	3	WRH	−14.5	−0.053
1938.31	9.6	0.23	11	Dan	−1.9	−0.046	1951.35	190.7	0.27	3	Mrz	−1.3	−0.006
1938.31	13.	0.3	12	Dur	1.5	0.024	1951.38	193.2	0.27	3	Jef	1.2	−0.008
1938.42	14.3	0.28	2	Baz	2.8	−0.019	1951.42	191.4	0.26	4	Baz	−0.6	−0.021
1938.43	16.5	0.24	4	Rab	5.0	−0.061	1951.52	192.4	0.31	3	WRH	0.4	0.021
1939.26	11.4	0.43	3	Smw	−0.0	0.006	1952.38	194.9	0.30	1	Rab	3.1	−0.058
1939.30	13.6	0.40	3	Sym	2.2	−0.028	1952.41	190.7	0.36	3	Mlr	−1.1	−0.000
1939.32	10.4	0.47	2	Fic	−1.0	0.040	1952.42	191.7	0.35	4	Baz	−0.1	−0.011
1939.38	12.4	0.47	6	Baz	1.0	0.034	1952.53	191.9	0.34	2	WRH	0.1	−0.029
1939.39	16.3	0.5	3	Scd	4.9	0.063	1953.21	191.8	0.40	1	Mlr	0.1	−0.020
1939.42	12.9	0.40	5	Rab	1.5	−0.040	1953.39	194.6	0.39	3	Rab	2.9	−0.042
1939.45	12.9	0.47	6	Dur	1.5	0.028	1953.43	191.7	0.47	4	Baz	−0.0	0.035
1940.13	11.7	0.53	4	WRH	0.4	0.048	1953.48	186.7	0.69	2	Ol	−5.0	0.251
1940.33	13.5	0.54	4	Dur	2.2	0.052	1953.52	191.7	0.38	3	VBs	−0.0	−0.061
1940.41	13.6	0.45	5	Rab	2.3	−0.040	1953.53	192.9	0.424	3	WRH	1.2	−0.018
1940.42	13.7	0.57	5	Baz	2.4	0.080	1954.32	191.8	0.55	3	Cou	0.1	0.056
1940.59	12.5	0.56	4	Rou	1.2	0.067	1954.40	192.5	0.57	4	Baz	0.8	0.071
1941.35	13.8	0.52	2	Jef	2.5	0.032	1954.41	192.6	0.45	4	Rab	0.9	−0.049
1941.40	12.5	0.50	5	Baz	1.2	0.013	1954.44	191.3	0.57	2	Mlr	−0.4	0.069
1941.42	13.6	0.49	6	Rab	2.3	0.004	1955.16	191.7	0.60	5	Wor	0.1	0.058
1942.39	12.3	0.48	4	Rab	1.1	0.029	1955.32	190.7	0.60	3	Cou	−0.9	0.050
1942.40	13.0	0.46	2	Baz	1.8	0.009	1955.35	191.2	0.59	4	Mlr	−0.4	0.038
1942.77	14.5	0.47	6	Dur	3.3	0.038	1955.38	192.2	0.51	6	Rab	0.6	−0.043
1943.24	7.9	0.43	4	Vou	−3.2	0.026	1955.40	192.3	0.66	4	Baz	0.7	0.106
1943.44	12.1	0.44	3	Baz	1.0	0.048	1956.23	191.3	0.65	5	Wor	−0.3	0.059
1943.45	14.6	0.45	3	Dur	3.5	0.059	1956.26	189.1	0.63	3	Cam	−2.5	0.038
1943.45	13.5	0.41	4	Rab	2.4	0.019	1956.36	191.6	0.66	4	Baz	0.0	0.065
1944.04	9.7	0.37	1	VBs	−1.3	0.020	1956.39	192.3	0.54	5	Rab	0.7	−0.057
1944.25	10.9	0.35	3	VBs	−0.1	0.015	1957.29	192.0	0.66	3	Cou	0.5	0.039
1944.43	17.	0.44	4	Dur	6.0	0.119	1957.30	190.7	0.73	3	Clu	−0.8	0.109
1944.43	15.0	0.32	4	Rab	4.0	−0.001	1957.37	191.4	0.67	5	Mlr	−0.1	0.048
1944.47	13.9	0.35	3	Baz	2.9	0.032	1957.37	192.4	0.73	4	Wor	0.9	0.108
1945.10			1	Vou	(10.9	0.269)	1957.39	191.4	0.59	5	Rab	−0.1	−0.033
1945.32	13.0	0.29	1	Jef	2.2	0.039	1957.42	194.1	0.61	1	Rab	2.6	−0.013
1945.44	11.8	0.30	1	Jef	1.0	0.059	1957.45	190.6	0.56	5	B	−0.9	−0.064
1945.45	13.8	0.26	4	Baz	3.0	0.020	1958.29	192.5	0.61	3	B	1.0	−0.017
1946.26	10.6	0.20	2	VBs	0.1	0.029	1958.33	192.6	0.69	3	Cou	1.1	0.063
1946.33	8.2	0.18	2	VBs	−2.2	0.015	1958.46	191.2	0.75	3	Wor	−0.3	0.124
1946.43			2	Baz	(10.4	0.157)	1959.30	194.6	0.71	3	Pip	3.2	0.105

Table 3. continued.

t	$\theta_t[°]$	$\varrho['']$	n	Obs	$\Delta\theta[°]$	$\Delta\varrho['']$	t	$\theta_t[°]$	$\varrho['']$	n	Obs	$\Delta\theta[°]$	$\Delta\varrho['']$
	WDS 13100+1732	=	STF1728	AB				WDS 13100+1732	=	STF1728	AB		
1959.33	194.4	0.59	3	You	3.0	−0.013	1967.379	14.6	0.48	4	Wor	3.4	−0.001
1959.35	184.5	0.68	1	Sym	−6.9	0.077	1967.41	10.9	0.64	4	Baz	−0.3	0.160
1959.37	191.0	0.66	3	Cou	−0.4	0.058	1968.45	11.6	0.58	3	Baz	0.5	0.144
1959.48	191.4	0.60	4	Cdy	−0.0	0.003	1969.27	12.28	0.439	1	Laq	1.2	0.052
1959.49	192.7	0.69	4	Wor	1.3	0.094	1969.30	12.8	0.50	3	Cou	1.8	0.115
1959.50	191.5	0.65	3	Wor	0.1	0.054	1969.381	12.2	0.44	4	Wor	1.2	0.061
1959.56	192.7	0.66	7	Woy	1.3	0.067	1969.41	11.3	0.48	4	Baz	0.3	0.103
1959.63	192.6	0.73	3	JDH	1.2	0.141	1970.376	12.4	0.40	4	Wor	1.5	0.093
1960.28	192.6	0.60	4	Wor	1.2	0.057	1970.38	9.8	0.36	1	Ary	−1.1	0.054
1960.43	193.2	0.61	4	Baz	1.8	0.081	1970.40	11.0	0.39	4	Baz	0.1	0.085
1961.15	191.8	0.51	5	Wor	0.5	0.070	1970.41	12.00	0.358	1	Laq	1.1	0.054
1961.20	190.2	0.46	2	Woy	−1.1	0.027	1971.04	15.0	0.25	4	Dur	4.2	−0.004
1961.20	190.3	0.44	2	Sym	−1.0	0.007	1971.09	17.4	0.258	4	WRH	6.6	0.008
1961.27	193.1	0.41	3	Cdy	1.8	−0.012	1971.40	10.9	0.29	4	Baz	0.2	0.066
1961.32	193.1	0.44	5	Wor	1.8	0.026	1972.191	6.8	0.211	1	Wck	−3.5	0.055
1961.34	188.9	0.47	3	Cou	−2.4	0.060	1972.29	12.4	0.20	3	Cou	2.1	0.052
1962.07	194.1	0.27	4	B	2.9	0.006	1972.384	11.9	0.19	4	Wor	1.7	0.051
1962.17	193.4	0.30	5	Hln	2.2	0.060	1973.39			1	Cou	(8.0	0.050)
1962.276	191.3	0.24	4	Wor	0.1	0.027	1974.384			1	Beh	(195.8	0.039)
1962.31	192.2	0.25	3	Cou	1.1	0.045	1976.0364	192.7	0.160	1	McA	0.4	−0.025
1962.36	192.9	0.19	1	Woy	1.8	−0.002	1976.0390	192.5	0.160	1	McA	0.2	−0.025
1962.38	191.1	0.20	4	Sym	−0.0	0.014	1976.2986	193.3	0.184	1	McA	1.1	−0.024
1962.38	190.5	0.27	4	Baz	−0.6	0.084	1976.3669	192.4	0.190	1	McA	0.3	−0.023
1962.39	193.2	0.25	4	Hln	2.1	0.066	1976.4571	192.8	0.198	1	McA	0.7	−0.023
1962.40	187.2	0.22	5	Cdy	−3.9	0.039	1976.778	192.2	0.21	4	Wor	0.2	−0.038
1962.52	191.2	0.222	4	Fin	0.2	0.074	1977.0876	192.3	0.259	1	McA	0.3	−0.015
1963.22	1.6		1	Cdy	(12.3	0.056)	1977.4865	192.5	0.293	1	McA	0.6	−0.014
1963.289			1	Cou	(12.0	0.076)	1978.1498	193.1	0.349	1	McA	1.3	−0.010
1963.42	13.4	0.11	6	B	1.6	−0.004	1978.3109	192.6	0.345	1	McA	0.8	−0.026
1963.516	12.4	0.103	2	Fin	0.7	−0.038	1978.33	191.3	0.35	3	Hei	−0.5	−0.023
1964.407	12.0	0.44	2	VBs	0.6	0.098	1978.4050	196.	0.430	1	Bnu	4.2	0.052
1964.424	13.0	0.28	4	Wor	1.6	−0.065	1979.1874	192.7	0.442	1	McA	1.0	0.007
1964.46	14.0	0.30	13	Sym	2.6	−0.051	1979.1929	192.9	0.433	1	McA	1.2	−0.003
1965.037	12.6	0.42	1	VBs	1.2	−0.007	1979.28	190.8	0.50	1	Hon	−0.9	0.058
1965.24	11.8	0.50	4	Mlr	0.5	0.055	1979.306	190.7	0.27	2	Hln	−1.0	−0.174
1965.34	13.0	0.46	9	Sym	1.7	0.007	1979.3595	192.4	0.444	1	McA	0.7	−0.003
1965.35	15.3	0.47	6	Dur	4.0	0.016	1979.4596	191.0	0.429	1	Bnu	−0.7	−0.025
1965.363	14.0	0.42	5	Wor	2.7	−0.035	1979.947	193.2	0.49	4	Wor	1.6	0.004
1965.390	14.5	0.47	3	Sle	3.2	0.013	1980.000	191.0	0.50	3	Cll	−0.6	0.011
1965.43	11.2	0.60	3	Baz	−0.1	0.141	1980.1539	192.6	0.509	1	McA	1.0	0.010
1965.45	11.0	0.45	3	Hei	−0.3	−0.011	1980.1593	192.4	0.508	1	McA	0.8	0.009
1966.0	11.3	0.60	6	Dur	0.0	0.114	1980.4205	191.2	0.529	1	Dud	−0.4	0.014
1966.335	15.2	0.54	4	Wor	3.9	0.048	1980.4763	193.1	0.526	1	McA	1.5	0.008
1966.34	11.9	0.53	9	Sym	0.6	0.037	1980.4846	192.5	0.521	1	McA	0.9	0.003
1966.342	14.0	0.52	4	Wor	2.7	0.027	1980.913	193.0	0.521	1	Tok	1.4	−0.021
1966.38	11.7	0.60	3	Baz	0.4	0.107	1981.347	191.7	0.579	1	Tok	0.2	0.015
1966.38	11.1	0.51	4	Mlr	−0.2	0.017	1981.4566	191.9	0.578	1	McA	0.4	0.009
1967.02	17.	0.64	2	Dur	5.8	0.150	1981.4620	192.1	0.581	1	McA	0.6	0.012
1967.202	12.6	0.54	4	Wor	1.4	0.054	1981.4728	191.8	0.579	1	McA	0.3	0.010
1967.32	10.7	0.54	8	Sym	−0.5	0.057	1982.245	191.2	0.608	3	Tok	−0.3	0.008

Table 3. continued.

WDS 13100+1732 = STF1728 AB							WDS 13100+1732 = STF1728 AB						
t	$\theta_t[^\circ]$	$\varrho[''] $	n	Obs	$\Delta\theta[^\circ]$	$\Delta\varrho['']$	t	$\theta_t[^\circ]$	$\varrho['']$	n	Obs	$\Delta\theta[^\circ]$	$\Delta\varrho['']$
1982.320	194.1	0.72	2	Wor	2.6	0.118	1987.2668	192.4	0.418	1	McA	1.2	0.038
1982.438	192.6	0.71	3	Mss	1.1	0.104	1987.2830	192.5	0.415	1	McA	1.3	0.037
1983.0155	192.6	0.636	1	McA	1.1	0.016	1987.2858	192.2	0.417	1	McA	1.0	0.040
1983.0699	192.1	0.650	1	McA	0.6	0.029	1987.2886	192.4	0.415	1	McA	1.2	0.039
1983.400	192.2	0.626	1	Tok	0.7	0.000	1987.2914	192.6	0.415	1	McA	1.4	0.039
1983.4199	192.5	0.638	1	McA	1.0	0.012	1987.2942	192.4	0.413	1	McA	1.2	0.038
1983.424	191.7	0.65	3	Sca	0.2	0.024	1988.0968	191.6	0.253	1	McA	0.5	0.057
1984.0532	192.3	0.640	1	Hrt	0.9	0.013	1988.0995	192.1	0.255	1	McA	1.0	0.059
1984.0558	192.6	0.643	1	McA	1.2	0.016	1988.1022	192.3	0.252	1	McA	1.2	0.057
1984.0586	192.5	0.639	1	McA	1.1	0.012	1988.1049	191.8	0.251	1	McA	0.7	0.057
1984.1158	192.5	0.645	1	McA	1.1	0.018	1988.1075	191.9	0.251	1	McA	0.8	0.057
1984.1811	198.0	0.665	1	Bnu	6.6	0.039	1988.112	191.7	0.29	4	Wor	0.6	0.098
1984.1814	192.6	0.643	1	Hrt	1.2	0.017	1988.1655	191.9	0.236	3	McA	0.8	0.058
1984.1865	197.0	0.680	1	Bnu	5.6	0.054	1988.1967	192.5	0.230	1	Ism	1.5	0.060
1984.1869	192.6	0.644	1	Hrt	1.2	0.018	1988.2496	192.3	0.215	1	McA	1.3	0.060
1984.2789	193.5	0.713	1	Bnu	2.1	0.088	1988.3179	192.2	0.198	1	McA	1.2	0.061
1984.2932	192.3	0.645	1	McA	0.9	0.020	1988.6652	189.3	0.101	1	McA	−0.6	0.065
1984.3586	192.2	0.645	1	McA	0.8	0.021	1989.2272	11.6	0.051	1	McA	−0.1	−0.077
1984.3727	192.5	0.639	1	McA	1.1	0.015	1990.2703	12.8	0.308	1	Hrt	1.4	−0.052
1984.3807	192.7	0.640	1	McA	1.3	0.016	1990.4401	11.6	0.331	1	Ism	0.3	−0.054
1984.4437	192.8	0.641	1	McA	1.4	0.019	1991.0277	19.4	0.436	1	Bag	8.1	−0.012
1984.4518	192.6	0.642	1	McA	1.2	0.020	1991.25 *	191.	0.465	1	Fal	−0.3	0.001
1984.464	192.3	0.69	3	Sca	0.9	0.068	1991.3187	12.0	0.457	1	Hrt	0.7	−0.011
1985.0031	192.3	0.627	1	McA	0.9	0.020	1991.3269	12.2	0.458	1	Hrt	0.9	−0.010
1985.1150	191.7	0.626	1	McA	0.3	0.024	1991.63	6.7	0.39	1	TYC	−4.6	−0.092
1985.1862	192.4	0.624	1	Bag	1.0	0.025	1992.1273	12.	0.521	1	Bag	0.8	0.028
1985.2001	194.0	0.651	1	Bnu	2.6	0.053	1992.2118	14.	0.498	1	Bag	2.8	0.005
1985.2437	192.5	0.636	1	Bnu	1.1	0.040	1992.3098	12.0	0.513	1	Hrt	0.8	0.019
1985.2490	192.4	0.618	1	McA	1.0	0.022	1992.3127	12.1	0.513	1	Hrt	0.9	0.019
1985.2516	192.1	0.619	1	McA	0.7	0.023	1992.363	12.2	0.48	1	WSI	1.0	−0.014
1985.2570	191.9	0.619	1	McA	0.5	0.023	1992.363	11.9	0.49	1	WSI	0.7	−0.004
1985.369	191.2	0.69	2	Wor	−0.2	0.100	1992.385	11.8	0.50	1	WSI	0.6	0.006
1985.39	191.7	0.62	4	LBu	0.3	0.031	1992.385	10.6	0.46	1	WSI	−0.6	−0.034
1985.4183	192.4	0.609	1	McA	1.0	0.022	1992.385	11.4	0.49	1	WSI	0.2	−0.004
1985.4813	192.5	0.607	1	McA	1.1	0.024	1992.388	11.2	0.47	1	WSI	−0.0	−0.024
1986.1527	192.4	0.561	1	McA	1.1	0.029	1992.388	11.6	0.51	1	WSI	0.4	0.016
1986.1556	192.6	0.557	1	McA	1.3	0.026	1992.388	11.2	0.50	1	WSI	−0.0	0.006
1986.1692	192.1	0.561	1	McA	0.8	0.031	1993.1973	11.9	0.514	1	Hrt	0.8	0.035
1986.2347	192.3	0.550	1	McA	1.0	0.026	1994.304	11.6	0.43	1	WSI	0.5	−0.001
1986.2374	192.4	0.547	1	McA	1.1	0.024	1994.304	12.9	0.50	1	WSI	1.8	0.069
1986.2784	192.3	0.552	1	McA	1.0	0.033	1994.313	11.7	0.47	1	WSI	0.6	0.040
1986.3201	192.5	0.547	1	Bnu	1.2	0.032	1994.334	12.3	0.45	1	WSI	1.2	0.021
1986.3230	193.0	0.555	1	Bnu	1.7	0.040	1994.354	12.5	0.45	1	WSI	1.4	0.022
1986.4041	192.8	0.534	1	McA	1.5	0.028	1994.389	12.7	0.45	1	WSI	1.6	0.024
1986.460	193.8	0.49	4	Wor	2.5	−0.009	1994.389	13.9	0.41	1	WSI	2.8	−0.016
1986.4614	192.4	0.527	1	McA	1.1	0.028	1994.389	13.4	0.50	1	WSI	2.3	0.074
1987.1193	192.1	0.444	1	McA	0.8	0.038	1994.389	13.1	0.49	1	WSI	2.0	0.064
1987.1248	192.1	0.445	1	McA	0.8	0.040	1994.392	11.4	0.45	1	WSI	0.3	0.024
1987.1985	192.5	0.430	1	McA	1.2	0.037	1994.392	10.2	0.45	1	WSI	−0.9	0.024
1987.2095	192.8	0.431	1	McA	1.5	0.040	1994.392	11.7	0.46	1	WSI	0.6	0.034

Table 3. continued.

WDS 13100+1732 = STF1728 AB							WDS 16294−2626 = GNT 1					
t	$\theta_t[°]$	$\varrho['']$	n	Obs	$\Delta\theta[°]$	$\Delta\varrho['']$	t	$\theta_t[°]$	$\varrho['']$	n	Obs	$\Delta\theta[°]$	$\Delta\varrho['']$
1994.403	8.1	0.44	1	WSI	−3.0	0.015	1856.41	273.5	3.00	14	Se	2.7	−0.136
1994.403	12.9	0.45	1	WSI	1.8	0.025	1857.18	275.1	3.40	3	Jc	4.3	0.263
1994.405	10.4	0.45	1	WSI	−0.7	0.025	1857.40	270.	3.5	1	Smy	−0.8	0.363
1994.405	10.8	0.45	1	WSI	−0.3	0.025	1858.35	275.9	3.30	4	Mrt	5.1	0.161
1994.408	10.6	0.45	1	WSI	−0.5	0.025	1860.36	273.6	2.89	2	Mac	2.7	−0.252
1994.408	11.0	0.45	1	WSI	−0.1	0.025	1861.09	271.9		4	Pwl	(270.9 | 3.143)
1994.416	10.6	0.45	1	WSI	−0.5	0.026	1864.43	275.7	3.68	1	Da	4.7	0.533
1994.416	13.0	0.46	1	WSI	1.9	0.036	1864.44	275.7	3.37	3	Knt	4.7	0.223
1994.438	10.3	0.45	1	WSI	−0.8	0.027	1866.17 *	93.1	2.92	3	Se	2.0	−0.229
1994.438	11.3	0.46	1	WSI	0.2	0.037	1867.22	271.1	3.00	6	D	−0.0	−0.150
1994.452	10.4	0.46	1	WSI	−0.7	0.038	1867.60	270.3	2.23	2	Win	−0.8	−0.920
1994.452	10.9	0.45	1	WSI	−0.2	0.028	1867.61	267.4	3.58	1	Sea	−3.7	0.430
1995.1495	12.7	0.428	1	Hrt	1.7	0.050	1868.54	267.2	2.50	2	Pei	−4.0	−0.651
1995.211	10.4	0.41	1	WSI	−0.6	0.036	1873.42	268.7	3.41	1	WS	−2.7	0.255
1995.211	10.9	0.41	1	WSI	−0.1	0.036	1873.42	268.7	3.41	3	WS	−2.7	0.255
1995.3109	12.1	0.417	1	Hrt	1.1	0.050	1873.62	268.0	3.30	2	Gld	−3.4	0.145
1995.369	8.7	0.40	1	WSI	−2.3	0.037	1875.48	205.0	2.73	1	Stt	−66.4	−0.426
1995.380	10.0	0.39	1	WSI	−1.0	0.028	1875.48	204.3		1	Stt	(271.4 | 3.156)
1995.380	11.9	0.39	1	WSI	0.9	0.028	1876.10	273.8	3.20	7	Sp	2.4	0.044
1995.383	9.0	0.40	1	WSI	−2.0	0.038	1877.41	274.7	2.88	1	Hwe	3.2	−0.277
1995.383	11.5	0.40	1	WSI	0.5	0.038	1877.42	272.4	2.83	2	Upt	0.9	−0.327
1995.394	10.9	0.40	1	WSI	−0.1	0.039	1877.56	271.5	3.25	4	Hl	0.0	0.093
1995.394	11.0	0.40	1	WSI	0.0	0.039	1878.94	270.9	3.11	6	Prc	−0.6	−0.047
1995.4308	11.9	0.412	1	Hrt	0.9	0.053	1879.55	270.7	2.93	2	Hwe	−0.9	−0.227
1996.3236	12.8	0.343	1	Hrt	2.0	0.051	1879.64	274.2		2	Bu	(271.6 | 3.157)
1996.5019	12.	0.33	1	TtB	1.2	0.052	1880.02	271.7	2.92	2	Bu	0.1	−0.237
1997.1179	12.4	0.281	1	Hor	1.8	0.054	1882.41	273.0	3.32	1	WHC	1.3	0.162
1997.1179	13.0	0.277	1	Hor	2.4	0.050	1884.32	275.9		1	WHC	(271.7 | 3.157)
1997.1263	11.9	0.278	1	Hrt	1.3	0.052	1884.52	272.9	3.24	2	Hl	1.2	0.083
1997.2247	13.0	0.262	1	Hor	2.4	0.044	1886.56	270.3	2.88	3	Hl	−1.5	−0.277
1997.2329	14.1	0.277	1	Hor	3.5	0.060	1887.62	274.7	3.60	4	Cel	2.9	0.443
1999.1691	6.6	0.114	1	Msn	−1.2	0.066	1888.55	275.5	3.30	3	Lv	3.6	0.144
2003.311	188.1	0.31	1	WSI	−3.7	−0.002	1888.56	275.6	3.50	2	Cel	3.7	0.344
WDS 16294−2626 = GNT 1							1890.41	274.0	3.15	2	Glp	2.1	−0.006
t	$\theta_t[°]$	$\varrho['']$	n	Obs	$\Delta\theta[°]$	$\Delta\varrho['']$	1890.60	277.8	3.20	3	Cel	5.8	0.045
1846.59		2.49	9	Mtl	(270.4 | 3.116)	1891.52	268.0	3.33	2	See	−4.0	0.175
1847.07	272.9	2.64	2	Mtl	2.5	−0.477	1891.52	271.9	3.00	4	Tar	−0.1	−0.155
1848.02	273.2	3.46	5	Da	2.7	0.341	1891.53	268.05	3.33	2	See	−3.9	0.175
1848.38	274.9	3.7	2	BdG	4.4	0.580	1891.67	279.1	3.24	4	Cel	7.1	0.085
1848.59	273.0	3.11	2	Mtl	2.5	−0.010	1894.50	283.6		1	Hig	(272.1 | 3.153)
1848.73	272.7	3.6	4	BdW	2.2	0.479	1894.50	285.1		1	Sbk	(272.1 | 3.153)
1850.29	274.1	3.53	6	Mac	3.6	0.406	1894.60	273.0	2.76	3	Slr	0.9	−0.393
1851.23	221.8	3.4	5	Gli	−48.8	0.274	1896.47	275.9	3.20	3	Hu	3.7	0.049
1852.16	274.0	3.60	3	Mac	3.4	0.472	1896.48	272.6	3.09	2	Hu	0.4	−0.061
1852.63	272.8	2.94	3	Jc	2.2	−0.189	1896.50	271.5	3.01	3	Sct	−0.7	−0.141
1854.245	273.67	2.99	2	Jc	3.0	−0.142	1896.60	272.3	3.18	3	See	0.1	0.029
1854.25	273.7	2.99	2	Jc	3.0	−0.142	1897.59	270.1	2.97	3	Bu	−2.1	−0.180
1855.68	274.6		8	Pwl	(270.7 | 3.134)	1897.61	278.6	3.36	2	Cel	6.4	0.210
1856.06	273.7	3.44	3	Mac	3.0	0.305	1898.49	271.9	3.13	4	Ho	−0.3	−0.019
1856.22	273.5	3.21	3	Jc	2.8	0.075	1899.544	276.1	3.51	1	See	3.8	0.362

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Table 3. continued.

WDS 16294–2626 = GNT 1							WDS 16294–2626 = GNT 1					
t	$\theta_t[°]$	$\varrho['']$	n	Obs	$\Delta\theta[°]$	$\Delta\varrho['']$	t	$\theta_t[°]$	$\varrho['']$	n	Obs	$\Delta\theta[°]$	$\Delta\varrho['']$
1900.42	275.9	3.33	3	Tb	3.6	0.183	1965.50	273.4	2.90	2	Knp	–1.3	–0.034
1900.525	275.5	3.04	1	Din	3.2	–0.107	1966.120	278.7	2.96	6	Sdr	3.9	0.029
1900.60	266.9	3.29	2	Bog	–5.4	0.143	1966.58	275.2	3.09	3	Knp	0.4	0.162
1902.52	270.3	3.22	1	Fre	–2.1	0.076	1967.65	275.1	2.98	3	Nbg	0.3	0.058
1903.42	274.2	3.18	3	Doo	1.8	0.037	1968.59	274.5	2.99	4	Nbg	–0.4	0.073
1903.66	274.7	3.30	2	Sct	2.3	0.157	1969.45	270.9	2.93	1	Nbg	–4.0	0.017
1905.52	269.6	3.14	1	Frm	–2.9	–0.000	1971.455	269.6	2.93	4	Wak	–5.4	0.029
1906.43	272.8	2.99	4	Ol	0.3	–0.149	1973.000	277.0	2.80	3	Cll	1.9	–0.092
1908.57	272.4	3.40	1	J	–0.2	0.265	1973.490	275.5	2.95	1	Rak	0.4	0.060
1908.59	272.4	3.40	1	I	–0.2	0.265	1974.269	276.4	2.81	4	Hln	1.3	–0.075
1913.01	268.9	3.53	5	Fox	–3.8	0.403	1974.514	274.9	2.91	3	Hln	–0.2	0.026
1913.44	270.6	3.24	1	Hu	–2.2	0.114	1975.125	270.0	2.97	5	Wak	–5.2	0.090
1913.51	276.1	3.06	2	VdS	3.3	–0.066	1976.402	276.38	2.873	2	vAd	1.2	0.001
1913.83	274.0	3.29	5	Daw	1.2	0.165	1977.600	275.0		1	Scn	(275.3 | 2.865)
1914.55	277.9	3.29	1	Gau	5.1	0.166	1978.526	271.1	2.85	1	Wak	–4.2	–0.010
1914.59	269.7	3.28	9	Fox	–3.1	0.156	1980.000	277.0	2.80	3	Cll	1.6	–0.050
1916.47	274.5	3.72	3	BrF	1.6	0.600	1980.316	276.02	2.834	1	Jas	0.6	–0.014
1916.57	274.9	3.18	6	Vou	2.0	0.061	1984.343	275.84	2.826	1	Pan	0.3	0.003
1921.300			1	Mrr	(273.0 | 3.108)	1984.400	277.0	2.70	1	Tob	1.4	–0.123
1924.32	275.2	3.06	4	Vou	2.0	–0.040	1988.368	276.06	2.79	1	Jas	0.3	–0.006
1924.60	274.9	3.20	2	Cta	1.7	0.100	1989.3037	275.5	2.857	1	McA	–0.3	0.067
1926.38	274.5	3.05	4	Vou	1.3	–0.045	1989.345	276.0	2.90	1	Tob	0.2	0.110
1926.57	275.7	3.35	4	Lv	2.5	0.256	1990.407	276.9	2.90	1	Tob	1.1	0.117
1926.59	276.0	2.94	3	Ber	2.8	–0.154	1990.534	275.0	2.80	1	Tob	–0.8	0.018
1927.22	274.6	2.85	4	Bru	1.3	–0.242	1991.25			1	HIP	(275.9 | 2.777)
1927.48	274.9	3.15	2	Fin	1.6	0.059	1991.394	275.6	2.90	1	Tob	–0.3	0.124
1927.53	274.4	2.85	1	A	1.1	–0.241	1992.529	274.4	2.71	1	Tob	–1.5	–0.058
1927.58	277.0	2.92	1	Ald	3.7	–0.171	1994.43	271.9	3.16	1	Ary	–4.1	0.405
1929.54	274.4	3.20	2	Jsp	1.1	0.115	1994.484	275.5	2.87	1	Tob	–0.5	0.116
1929.57	271.8	2.98	5	Ol	–1.5	–0.105	1994.487	275.9	2.72	1	Tob	–0.1	–0.034
1929.58	274.0	3.04	5	Fen	0.7	–0.045	1994.506	274.3	2.65	1	Tob	–1.7	–0.104
1930.21	268.7	2.88	5	Wal	–4.7	–0.203	1995.554	275.2	2.65	1	Tob	–0.9	–0.097
1931.31	274.82	3.015	1	Hzg	1.4	–0.065	1996.100	277.00	2.77	4	ADP	0.9	0.027
1932.35	275.3	3.05	1	Vou	1.9	–0.026	1996.496	275.7	2.65	1	Tob	–0.4	–0.090
1935.14	271.3	3.798	4	WFD	–2.3	0.731	1996.583	275.8	2.70	1	Tob	–0.3	–0.039
1935.63	274.47	3.005	1	Hzg	0.9	–0.060	1997.512	274.0	2.52	1	Tob	–2.2	–0.213
1935.63	274.7	3.01	6	Fin	1.1	–0.055	WDS 21074–0814 = BU 368						
1935.70	268.6	2.96	3	Fox	–5.0	–0.105	t	$\theta_t[°]$	$\varrho['']$	n	Obs	$\Delta\theta[°]$	$\Delta\varrho['']$
1936.26	275.3	2.97	5	Smw	1.7	–0.093	1875.60	100.	0.5	1	Bu	8.7	–0.122
1938.66	273.9	2.94	6	Fin	0.2	–0.115	1876.10	99.3	0.49	3	D	8.0	–0.132
1946.41	274.2	2.97	3	Woy	0.2	–0.054	1877.76	91.1		1	Hwe	(91.3 | 0.623)
1947.15	275.8	2.87	3	Gtb	1.8	–0.151	1878.11	89.9	0.69	3	D	–1.4	0.067
1952.19	275.4	2.98	4	B	1.2	–0.019	1878.68	89.3	0.52	1	Stn	–2.0	–0.104
1953.28	275.19	2.923	1	Lem	0.9	–0.071	1879.38	90.1	0.64	4	Hwe	–1.2	0.016
1955.53	277.6	2.78	5	Hei	3.3	–0.204	1880.73	91.3	0.87	3	Prc	–0.0	0.246
1957.56	271.8	2.56	2	You	–2.6	–0.414	1881.63	90.4	0.63	3	Bu	–0.9	0.006
1959.43	273.7	2.90	4	B	–0.8	–0.065	1882.67	89.4	0.5	1	WHC	–2.0	–0.124
1959.62	275.66	2.96	4	Mro	1.2	–0.004	1886.65	90.0	0.66	2	Lv	–1.4	0.039
1962.50	274.0	2.93	2	Knp	–0.6	–0.020	1888.63	93.5	0.62	2	Lv	2.0	0.001
1963.60	276.6	2.85	2	Hln	1.9	–0.094	1890.64	88.7	0.58	3	Bu	–2.8	–0.036

Table 3. continued.

t	$\theta_t[°]$	$\varrho['']$	n	Obs	$\Delta\theta[°]$	$\Delta\varrho['']$	t	$\theta_t[°]$	$\varrho['']$	n	Obs	$\Delta\theta[°]$	$\Delta\varrho['']$
	WDS 21074–0814 = BU 368							WDS 21074–0814 = BU 368					
1892.10	90.2	0.58	4	Sp	−1.3	−0.034	1979.56	277.6	0.23	3	Hei	4.7	−0.039
1892.68	92.1	0.60	3	Tar	0.6	−0.013	1981.63	273.4	0.21	3	Hei	0.3	−0.052
1898.58	89.0	0.61	1	A	−2.6	0.012	1981.6978	270.8	0.255	1	McA	−2.3	−0.006
1899.892	88.1	0.70	3	Doo	−3.5	0.106	1982.655	272.0	0.24	2	Ary	−1.2	−0.017
1901.584	87.1	0.70	3	Doo	−4.6	0.112	1982.7627	272.6	0.240	1	McA	−0.6	−0.017
1907.72	94.8	0.65	3	WRE	3.0	0.089	1983.4259	276.9	0.239	1	McA	3.6	−0.015
1907.72	95.1	0.63	3	Ol	3.3	0.069	1983.4833	273.4	0.257	1	McA	0.1	0.004
1914.21	88.6	0.61	2	Ol	−3.3	0.088	1983.6334	271.4	0.254	1	McA	−1.9	0.001
1926.62	92.3	0.44	4	Vou	−0.0	0.027	1983.6364	270.7	0.252	1	McA	−2.6	−0.001
1930.47	89.3	0.30	3	Vou	−3.2	−0.067	1983.6390	272.1	0.254	1	McA	−1.2	0.001
1933.71	91.9	0.25	4	B	−0.8	−0.074	1983.7400	273.8	0.255	1	McA	0.5	0.003
1935.29	90.2	0.24	4	Fin	−2.6	−0.061	1983.8029	273.6	0.249	1	McA	0.3	−0.003
1937.76	93.9	0.20	4	B	0.9	−0.063	1983.8057	275.1	0.250	1	McA	1.8	−0.002
1952.74	322.	0.10	2	B	61.1	0.069	1983.8083	275.8	0.248	1	McA	2.5	−0.004
1952.77		0.143	1	Fin	(261.1	0.032)	1984.4445	271.8	0.244	1	McA	−1.6	−0.005
1954.81	286.9	0.137	2	Fin	19.3	0.062	1984.4526	271.0	0.237	1	McA	−2.4	−0.012
1955.29	269.4	0.11	4	VBs	1.3	0.025	1984.8405	271.8	0.237	1	McA	−1.6	−0.010
1955.56		0.35	3	Hei	(268.4	0.090)	1984.8541	271.5	0.257	1	McA	−1.9	0.010
1957.58	354.4	0.29	1	Mlr	84.7	0.160	1985.6542	271.3	0.247	1	McA	−2.2	0.005
1957.79	20.	0.15	1	Mlr	−249.8	0.016	1987.5326	276.7	0.235	1	McA	2.9	0.004
1958.62	268.6	0.15	2	B	−1.5	0.001	1991.25	273.	0.212	1	HIP	−1.4	0.004
1959.82	286.1	0.138	3	Fin	15.6	−0.031	1991.7152	271.3	0.213	1	Hrt	−3.1	0.008
1961.69	270.0	0.23	4	B	−0.9	0.032	1991.7262	274.4	0.206	1	Hrt	−0.0	0.002
1962.83	260.	0.22	3	Cou	−11.1	0.007	1993.82	286.0	0.22	2	Hei	11.2	0.030
1965.46	275.2	0.23	4	B	3.7	−0.011	1994.7081	275.7	0.193	1	Hrt	0.7	0.010
1976.76	271.4	0.24	2	Hei	−1.2	−0.036	1995.6011 *	98.0	0.188	1	Hrt	2.8	0.011
1977.73	267.6	0.27	3	Hei	−5.1	−0.004	1995.7649 *	97.0	0.189	1	Hrt	1.7	0.014
1978.051	278.5	0.24	3	Wor	5.8	−0.033	1995.80 *	101.2	0.18	2	Hei	5.9	0.005
1978.6177	270.6	0.257	1	McA	−2.2	−0.015	1997.762	296.7	0.18	1	WSI	20.9	0.020
1978.785	269.4	0.24	3	Wor	−3.4	−0.031	2001.8677	288.2	0.22	1	WSI	10.9	0.092