

HUIZENTABEL VOOR 51° N.Br. S.T. (08.00 - 15.56)

S.T.	M.C.	11	12	ASC.	2	3
08:00	27,5433 CA	2,2844 VI	0,0000 LI	21,1453 LI	17,3539 SC	20,1605 SA
08:04	28,5156 CA	3,2259 VI	0,4811 LI	21,5712 LI	18,2237 SC	21,0926 SA
08:08	29,4928 CA	4,1718 VI	1,3622 LI	22,3931 LI	19,0936 SC	22,0255 SA
08:12	0,4709 LE	5,1142 VI	2,2434 LI	23,2149 LI	19,5635 SC	22,5632 SA
08:16	1,4459 LE	6,0610 VI	3,1245 LI	24,0406 LI	20,4336 SC	23,5018 SA
08:20	2,4259 LE	7,0041 VI	4,0055 LI	24,4623 LI	21,3037 SC	24,4413 SA
08:24	3,4108 LE	7,5517 VI	4,4905 LI	25,2838 LI	22,1739 SC	25,3818 SA
08:28	4,3927 LE	8,4957 VI	5,3715 LI	26,1053 LI	23,0443 SC	26,3232 SA
08:32	5,3755 LE	9,4441 VI	6,2524 LI	26,5307 LI	23,5149 SC	27,2657 SA
08:36	6,3634 LE	10,3928 VI	7,1333 LI	27,3521 LI	24,3857 SC	28,2134 SA
08:40	7,3523 LE	11,3419 VI	8,0140 LI	28,1734 LI	25,2606 SC	29,1621 SA
08:44	8,3422 LE	12,2914 VI	8,4947 LI	28,5946 LI	26,1319 SC	0,1120 CP
08:48	9,3331 LE	13,2412 VI	9,3752 LI	29,4158 LI	27,0034 SC	1,0632 CP
08:52	10,3251 LE	14,1913 VI	10,2557 LI	0,2409 SC	27,4752 SC	2,0156 CP
08:56	11,3222 LE	15,1417 VI	11,1401 LI	1,0620 SC	28,3513 SC	2,5733 CP
09:00	12,3203 LE	16,0924 VI	12,0203 LI	1,4830 SC	29,2238 SC	3,5324 CP
09:04	13,3155 LE	17,0433 VI	12,5004 LI	2,3040 SC	0,1007 SA	4,4930 CP
09:08	14,3158 LE	17,5945 VI	13,3804 LI	3,1249 SC	0,5740 SA	5,4549 CP
09:12	15,3212 LE	18,5500 VI	14,2603 LI	3,5459 SC	1,4518 SA	6,4224 CP
09:16	16,3237 LE	19,5017 VI	15,1400 LI	4,3708 SC	2,3300 SA	7,3914 CP
09:20	17,3312 LE	20,4536 VI	16,0155 LI	5,1917 SC	3,2048 SA	8,3620 CP
09:24	18,3359 LE	21,4057 VI	16,4949 LI	6,0126 SC	4,0842 SA	9,3343 CP
09:28	19,3456 LE	22,3619 VI	17,3741 LI	6,4335 SC	4,5641 SA	10,3122 CP
09:32	20,3604 LE	23,3143 VI	18,2532 LI	7,2544 SC	5,4447 SA	11,2919 CP
09:36	21,3723 LE	24,2709 VI	19,1321 LI	8,0754 SC	6,3259 SA	12,2733 CP
09:40	22,3853 LE	25,2235 VI	20,0108 LI	8,5004 SC	7,2119 SA	13,2605 CP
09:44	23,4034 LE	26,1803 VI	20,4854 LI	9,3214 SC	8,0946 SA	14,2456 CP
09:48	24,4225 LE	27,1331 VI	21,3637 LI	10,1425 SC	8,5821 SA	15,2406 CP
09:52	25,4427 LE	28,0900 VI	22,2419 LI	10,5636 SC	9,4705 SA	16,2335 CP
09:56	26,4640 LE	29,0430 VI	23,1159 LI	11,3848 SC	10,3558 SA	17,2324 CP
10:00	27,4902 LE	29,5959 VI	23,5937 LI	12,2102 SC	11,2500 SA	18,2333 CP
10:04	28,5135 LE	0,5529 LI	24,4713 LI	13,0316 SC	12,1412 SA	19,2403 CP
10:08	29,5418 LE	1,5058 LI	25,3447 LI	13,4531 SC	13,0335 SA	20,2454 CP
10:12	0,5711 VI	2,4627 LI	26,2219 LI	14,2748 SC	13,5308 SA	21,2606 CP
10:16	2,0013 VI	3,4156 LI	27,0949 LI	15,1006 SC	14,4253 SA	22,2740 CP
10:20	3,0325 VI	4,3723 LI	27,5717 LI	15,5226 SC	15,3250 SA	23,2936 CP
10:24	4,0646 VI	5,3250 LI	28,4443 LI	16,3448 SC	16,2259 SA	24,3154 CP
10:28	5,1016 VI	6,2815 LI	29,3208 LI	17,1711 SC	17,1322 SA	25,3435 CP
10:32	6,1354 VI	7,2339 LI	0,1930 SC	17,5937 SC	18,0358 SA	26,3739 CP
10:36	7,1742 VI	8,1902 LI	1,0651 SC	18,4205 SC	18,5449 SA	27,4107 CP
10:40	8,2137 VI	9,1423 LI	1,5410 SC	19,2436 SC	19,4554 SA	28,4458 CP
10:44	9,2541 VI	10,0942 LI	2,4127 SC	20,0709 SC	20,3715 SA	29,4913 CP
10:48	10,2952 VI	11,0459 LI	3,2842 SC	20,4946 SC	21,2853 SA	0,5352 AQ
10:52	11,3410 VI	12,0013 LI	4,1555 SC	21,3225 SC	22,2048 SA	1,5855 AQ
10:56	12,3835 VI	12,5525 LI	5,0307 SC	22,1508 SC	23,1300 SA	3,0423 AQ
11:00	13,4307 VI	13,5035 LI	5,5017 SC	22,5755 SC	24,0530 SA	4,1016 AQ
11:04	14,4745 VI	14,4542 LI	6,3726 SC	23,4045 SC	24,5820 SA	5,1634 AQ
11:08	15,5230 VI	15,4046 LI	7,2433 SC	24,2340 SC	25,5129 SA	6,2317 AQ
11:12	16,5719 VI	16,3547 LI	8,1139 SC	25,0639 SC	26,4500 SA	7,3025 AQ
11:16	18,0214 VI	17,3045 LI	8,5844 SC	25,4942 SC	27,3851 SA	8,3758 AQ
11:20	19,0714 VI	18,2539 LI	9,4547 SC	26,3251 SC	28,3305 SA	9,4557 AQ
11:24	20,1218 VI	19,2030 LI	10,3249 SC	27,1604 SC	29,2742 SA	10,5421 AQ
11:28	21,1726 VI	20,1518 LI	11,1950 SC	27,5924 SC	0,2242 CP	12,0311 AQ
11:32	22,2237 VI	21,1001 LI	12,0651 SC	28,4249 SC	1,1808 CP	13,1226 AQ
11:36	23,2752 VI	22,0441 LI	12,5350 SC	29,2620 SC	2,1359 CP	14,2207 AQ
11:40	24,3309 VI	22,5917 LI	13,4049 SC	0,0958 SA	3,1016 CP	15,3213 AQ
11:44	25,3828 VI	23,5349 LI	14,2748 SC	0,5343 SA	4,0701 CP	16,4244 AQ
11:48	26,4349 VI	24,4817 LI	15,1446 SC	1,3735 SA	5,0414 CP	17,5341 AQ
11:52	27,4912 VI	25,4241 LI	16,0144 SC	2,2135 SA	6,0157 CP	19,0502 AQ
11:56	28,5435 VI	26,3700 LI	16,4841 SC	3,0542 SA	7,0010 CP	20,1648 AQ

S.T.	M.C.	11	12	ASC.	2	3
12:00	0,0000 LI	27,3115 LI	17,3539 SC	3,4959 SA	7,5854 CP	21,2859 AQ
12:04	1,0523 LI	28,2526 LI	18,2237 SC	4,3424 SA	8,5810 CP	22,4134 AQ
12:08	2,1047 LI	29,1932 LI	19,0936 SC	5,1858 SA	9,5759 CP	23,5433 AQ
12:12	3,1609 LI	0,1334 SC	19,5635 SC	6,0342 SA	10,5822 CP	25,0756 AQ
12:16	4,2130 LI	1,0731 SC	20,4336 SC	6,4836 SA	11,5921 CP	26,2142 AQ
12:20	5,2650 LI	2,0123 SC	21,3037 SC	7,3341 SA	13,0056 CP	27,3551 AQ
12:24	6,3207 LI	2,5511 SC	22,1739 SC	8,1857 SA	14,0308 CP	28,5022 AQ
12:28	7,3722 LI	3,4855 SC	23,0443 SC	9,0425 SA	15,0558 CP	0,0515 PI
12:32	8,4233 LI	4,4234 SC	23,5149 SC	9,5005 SA	16,0928 CP	1,2030 PI
12:36	9,4741 LI	5,3608 SC	24,3857 SC	10,3559 SA	17,1338 CP	2,3605 PI
12:40	10,5245 LI	6,2938 SC	25,2606 SC	11,2205 SA	18,1830 CP	3,5200 PI
12:44	11,5744 LI	7,2303 SC	26,1319 SC	12,0826 SA	19,2404 CP	5,0815 PI
12:48	13,0239 LI	8,1624 SC	27,0034 SC	12,5501 SA	20,3022 CP	6,2449 PI
12:52	14,0729 LI	9,0940 SC	27,4752 SC	13,4152 SA	21,3724 CP	7,4141 PI
12:56	15,1213 LI	10,0252 SC	28,3513 SC	14,2859 SA	22,4512 CP	8,5850 PI
13:00	16,1651 LI	10,5559 SC	29,2238 SC	15,1622 SA	23,5347 CP	10,1616 PI
13:04	17,2123 LI	11,4902 SC	0,1007 SA	16,0403 SA	25,0309 CP	11,3357 PI
13:08	18,2549 LI	12,4201 SC	0,5740 SA	16,5202 SA	26,1320 CP	12,5153 PI
13:12	19,3007 LI	13,3456 SC	1,4518 SA	17,4021 SA	27,2420 CP	14,1003 PI
13:16	20,3418 LI	14,2747 SC	2,3300 SA	18,2859 SA	28,3611 CP	15,2826 PI
13:20	21,3821 LI	15,2034 SC	3,2048 SA	19,1758 SA	29,4853 CP	16,4701 PI
13:24	22,4217 LI	16,1317 SC	4,0842 SA	20,0719 SA	1,0227 CP	18,0547 PI
13:28	23,4604 LI	17,0557 SC	4,5641 SA	20,5703 SA	2,1654 AC	19,2443 PI
13:32	24,4943 LI	17,5833 SC	5,4447 SA	21,4710 SA	3,3215 AC	20,4348 PI
13:36	25,5313 LI	18,5105 SC	6,3259 SA	22,3742 SA	4,4830 AC	22,0300 PI
13:40	26,5634 LI	19,4334 SC	7,2119 SA	23,2839 SA	6,0541 AC	23,2220 PI
13:44	27,5946 LI	20,3601 SC	8,0946 SA	24,2004 SA	7,2347 AC	24,4145 PI
13:48	29,0248 LI	21,2824 SC	8,5821 SA	25,1156 SA	8,4249 AC	26,0115 PI
13:52	0,0541 SC	22,2044 SC	9,4705 SA	26,0417 SA	10,0248 AC	27,2048 PI
13:56	1,0824 SC	23,1302 SC	10,3558 SA	26,5709 SA	11,2343 AC	28,4023 PI
14:00	2,1056 SC	24,0518 SC	11,2500 SA	27,5033 SA	12,4536 AC	0,0000 AR
14:04	3,1319 SC	24,5731 SC	12,1412 SA	28,4429 SA	14,0826 AC	1,1936 AR
14:08	4,1531 SC	25,4942 SC	13,0335 SA	29,3901 SA	15,3214 AC	2,3912 AR
14:12	5,1733 SC	26,4152 SC	13,5308 SA	0,3408 CP	16,5659 AC	3,5845 AR
14:16	6,1925 SC	27,3400 SC	14,4253 SA	1,2952 CP	18,2241 AC	5,1814 AR
14:20	7,2105 SC	28,2607 SC	15,3250 SA	2,2616 CP	19,4920 AC	6,3740 AR
14:24	8,2235 SC	29,1813 SC	16,2259 SA	3,2321 CP	21,1655 AC	7,5659 AR
14:28	9,2354 SC	0,1018 SA	17,1322 SA	4,2108 CP	22,4526 AC	9,1612 AR
14:32	10,2503 SC	1,0222 SA	18,0358 SA	5,1940 CP	24,1453 AC	10,3516 AR
14:36	11,2600 SC	1,5426 SA	18,5449 SA	6,1857 CP	25,4513 AC	11,5412 AR
14:40	12,2647 SC	2,4630 SA	19,4554 SA	7,1903 CP	27,1628 AC	13,1258 AR
14:44	13,2722 SC	3,3835 SA	20,3715 SA	8,2000 CP	28,4834 AC	14,3133 AR
14:48	14,2747 SC	4,3040 SA	21,2853 SA	9,2148 CP	0,2131 PI	15,4956 AR
14:52	15,2800 SC	5,2246 SA	22,2048 SA	10,2432 CP	1,5518 PI	17,0806 AR
14:56	16,2803 SC	6,1453 SA	23,1300 SA	11,2812 CP	3,2953 PI	18,2602 AR
15:00	17,2755 SC	7,0701 SA	24,0530 SA	12,3252 CP	5,0514 PI	19,4344 AR
15:04	18,2737 SC	7,5912 SA	24,5820 SA	13,3834 CP	6,4118 PI	21,0109 AR
15:08	19,2707 SC	8,5124 SA	25,5129 SA	14,4520 CP	8,1805 PI	22,1819 AR
15:12	20,2627 SC	9,4339 SA	26,4500 SA	15,5313 CP	9,5532 PI	23,3510 AR
15:16	21,2537 SC	10,3557 SA	27,3851 SA	17,0217 CP	11,3337 PI	24,5144 AR
15:20	22,2436 SC	11,2818 SA	28,3305 SA	18,1233 CP	13,1216 PI	26,0759 AR
15:24	23,2325 SC	12,2043 SA	29,2742 SA	19,2405 CP	14,5127 PI	27,2354 AR
15:28	24,2203 SC	13,1311 SA	0,2242 CP	20,3657 CP	16,3108 PI	28,3930 AR
15:32	25,2032 SC	14,0544 SA	1,1808 CP	21,5110 CP	18,1115 PI	29,5444 AR
15:36	26,1851 SC	14,5822 SA	2,1359 CP	23,0649 CP	19,5146 PI	1,0937 TA
15:40	27,1700 SC	15,5104 SA	3,1016 CP	24,2357 CP	21,3237 PI	2,2408 TA
15:44	28,1459 SC	16,4352 SA	4,0701 CP	25,4237 CP	23,1345 PI	3,3817 TA
15:48	29,1249 SC	17,3645 SA	5,0414 CP	27,0253 CP	24,5506 PI	4,5203 TA
15:52	0,1030 SA	18,2945 SA	6,0157 CP	28,2448 CP	26,3638 PI	6,0526 TA
15:56	1,0802 SA	19,2252 SA	7,0010 CP	29,4826 CP	28,1817 PI	7,1825 TA

HUIZENTABEL VOOR 51° N.Br. S.T. (16.00 - 23.56)

S.T.	M.C.	11	12	ASC.	2	3
16:00	2,0526 SA	20,1605 SA	7,5853 CP	1,1351 AQ	0,0000 AR	8,3100 TA
16:04	3,0240 SA	21,0926 SA	8,5810 CP	2,4106 AQ	1,4142 AR	9,4311 TA
16:08	3,5947 SA	22,0255 SA	9,5759 CP	4,1015 AQ	3,2321 AR	10,5457 TA
16:12	4,5645 SA	22,5632 SA	10,5822 CP	5,4122 AQ	5,0453 AR	12,0619 TA
16:16	5,5335 SA	23,5018 SA	11,5921 CP	7,1429 AQ	6,4615 AR	13,1715 TA
16:20	6,5018 SA	24,4413 SA	13,0056 CP	8,4941 AQ	8,2723 AR	14,2746 TA
16:24	7,4653 SA	25,3818 SA	14,0308 CP	10,2701 AQ	10,0814 AR	15,3752 TA
16:28	8,4321 SA	26,3232 SA	15,0558 CP	12,0631 AQ	11,4844 AR	16,4733 TA
16:32	9,3942 SA	27,2658 SA	16,0928 CP	13,4815 AQ	13,2852 AR	17,5648 TA
16:36	10,3557 SA	28,2134 SA	17,1338 CP	15,3215 AQ	15,0832 AR	19,0538 TA
16:40	11,3205 SA	29,1621 SA	18,1830 CP	17,1833 AQ	16,4744 AR	20,1402 TA
16:44	12,2807 SA	0,1120 CP	19,2404 CP	19,0711 AQ	18,2623 AR	21,2201 TA
16:48	13,2403 SA	1,0632 CP	20,3022 CP	20,5810 AQ	20,0427 AR	22,2934 TA
16:52	14,1954 SA	2,0156 CP	21,3724 CP	22,5131 AQ	21,4154 AR	23,3643 TA
16:56	15,1539 SA	2,5733 CP	22,4512 CP	24,4713 AQ	23,1841 AR	24,4325 TA
17:00	16,1120 SA	3,5324 CP	23,5347 CP	26,4516 AQ	24,5446 AR	25,4943 TA
17:04	17,0656 SA	4,4930 CP	25,0309 CP	28,4538 AQ	26,3007 AR	26,5536 TA
17:08	18,0227 SA	5,4549 CP	26,1320 CP	0,4817 PI	28,0441 AR	28,0104 TA
17:12	18,5755 SA	6,4224 CP	27,2420 CP	2,5308 PI	29,3828 AR	29,0607 TA
17:16	19,5319 SA	7,3914 CP	28,3611 CP	5,0009 PI	1,1125 TA	0,1046 GE
17:20	20,4839 SA	8,3620 CP	29,4853 CP	7,0912 PI	2,4332 TA	1,1501 GE
17:24	21,4356 SA	9,3343 CP	1,0227 AQ	9,2012 PI	4,1446 TA	2,1852 GE
17:28	22,3910 SA	10,3122 CP	2,1654 AQ	11,3301 PI	5,4507 TA	3,2220 GE
17:32	23,3422 SA	11,2919 CP	3,3215 AQ	13,4730 PI	7,1433 TA	4,2524 GE
17:36	24,2931 SA	12,2733 CP	4,4830 AQ	16,0330 PI	8,4304 TA	5,2805 GE
17:40	25,2439 SA	13,2605 CP	6,0541 AQ	18,2049 PI	10,1040 TA	6,3023 GE
17:44	26,1945 SA	14,2456 CP	7,2347 AQ	20,3915 PI	11,3719 TA	7,3219 GE
17:48	27,1450 SA	15,2406 CP	8,4249 AQ	22,5837 PI	13,0301 TA	8,3353 GE
17:52	28,0954 SA	16,2335 CP	10,0248 AQ	25,1841 PI	14,2745 TA	9,3505 GE
17:56	29,0457 SA	17,2324 CP	11,2343 AQ	27,3913 PI	15,5133 TA	10,3556 GE
18:00	0,0000 CP	18,2333 CP	12,4536 AQ	0,0000 AR	17,1423 TA	11,3626 GE
18:04	0,5502 CP	19,2403 CP	14,0826 AQ	2,2046 AR	18,3616 TA	12,3635 GE
18:08	1,5005 CP	20,2454 CP	15,3214 AQ	4,4118 AR	19,5712 TA	13,3624 GE
18:12	2,4509 CP	21,2606 CP	16,5659 AQ	7,0122 AR	21,1710 TA	14,3553 GE
18:16	3,4014 CP	22,2740 CP	18,2241 AQ	9,2044 AR	22,3613 TA	15,3503 GE
18:20	4,3520 CP	23,2936 CP	19,4920 AQ	11,3911 AR	23,5419 TA	16,3354 GE
18:24	5,3028 CP	24,3154 CP	21,1655 AQ	13,5630 AR	25,1129 TA	17,3226 GE
18:28	6,2537 CP	25,3435 CP	22,4526 AQ	16,1229 AR	26,2744 TA	18,3040 GE
18:32	7,2049 CP	26,3739 CP	24,1453 AQ	18,2658 AR	27,4305 TA	19,2837 GE
18:36	8,1603 CP	27,4107 CP	25,4513 AQ	20,3947 AR	28,5732 TA	20,2616 GE
18:40	9,1120 CP	28,4458 CP	27,1628 AQ	22,5047 AR	0,1107 GE	21,2339 GE
18:44	10,0640 CP	29,4913 CP	28,4834 AQ	24,5951 AR	1,2349 GE	22,2045 GE
18:48	11,0204 CP	0,5352 AQ	0,2131 PI	27,0651 AR	2,3539 GE	23,1735 GE
18:52	11,5732 CP	1,5855 AQ	1,5518 PI	29,1143 AR	3,4640 GE	24,1410 GE
18:56	12,5303 CP	3,0423 AQ	3,2953 PI	1,1421 TA	4,5650 GE	25,1029 GE
19:00	13,4839 CP	4,1016 AQ	5,0514 PI	3,1443 TA	6,0612 GE	26,0635 GE
19:04	14,4420 CP	5,1634 AQ	6,4118 PI	5,1246 TA	7,1447 GE	27,0226 GE
19:08	15,4005 CP	6,2317 AQ	8,1805 PI	7,0828 TA	8,2235 GE	27,5803 GE
19:12	16,3556 CP	7,3025 AQ	9,5532 PI	9,0149 TA	9,2937 GE	28,5327 GE
19:16	17,3152 CP	8,3758 AQ	11,3337 PI	10,5248 TA	10,3555 GE	29,4839 GE
19:20	18,2754 CP	9,4557 AQ	13,1216 PI	12,4126 TA	11,4129 GE	0,4338 CA
19:24	19,2402 CP	10,5421 AQ	14,5127 PI	14,2744 TA	12,4621 GE	1,3825 CA
19:28	20,2017 CP	12,0311 AQ	16,3108 PI	16,1144 TA	13,5031 GE	2,3301 CA
19:32	21,1638 CP	13,1226 AQ	18,1115 PI	17,5328 TA	14,5401 GE	3,2727 CA
19:36	22,1306 CP	14,2207 AQ	19,5146 PI	19,3258 TA	15,5651 GE	4,2141 CA
19:40	23,0941 CP	15,3213 AQ	21,3237 PI	21,1018 TA	16,5903 GE	5,1546 CA
19:44	24,0624 CP	16,4244 AQ	23,1345 PI	22,4530 TA	18,0038 GE	6,0941 CA
19:48	25,0314 CP	17,5341 AQ	24,5506 PI	24,1837 TA	19,0137 GE	7,0327 CA
19:52	26,0012 CP	19,0502 AQ	26,3638 PI	25,4944 TA	20,0200 GE	7,5704 CA
19:56	26,5719 CP	20,1648 AQ	28,1817 PI	27,1853 TA	21,0150 GE	8,5033 CA

S.T.	M.C.	11	12	ASC.	2	3
20:00	27,5433 CP	21,2859 AQ	0,0000 AR	28,4608 TA	22,0106 GE	9,4354 CA
20:04	28,5157 CP	22,4134 AQ	1,4142 AR	0,1133 GE	22,5949 GE	10,3707 CA
20:08	29,4929 CP	23,5433 AQ	3,2321 AR	1,3511 GE	23,5802 GE	11,3013 CA
20:12	0,4710 AQ	25,0756 AQ	5,0453 AR	2,5706 GE	24,5545 GE	12,2313 CA
20:16	1,4500 AQ	26,2142 AQ	6,4615 AR	4,1722 GE	25,5258 GE	13,1607 CA
20:20	2,4259 AQ	27,3551 AQ	8,2723 AR	5,3602 GE	26,4943 GE	14,0855 CA
20:24	3,4108 AQ	28,5022 AQ	10,0814 AR	6,5310 GE	27,4600 GE	15,0137 CA
20:28	4,3927 AQ	0,0515 PI	11,4844 AR	8,0849 GE	28,4151 GE	15,5415 CA
20:32	5,3756 AQ	1,2030 PI	13,2852 AR	9,2302 GE	29,3717 GE	16,4647 CA
20:36	6,3634 AQ	2,3605 PI	15,0832 AR	10,3554 GE	0,3217 CA	17,3916 CA
20:40	7,3523 AQ	3,5200 PI	16,4744 AR	11,4726 GE	1,2654 CA	18,3140 CA
20:44	8,3422 AQ	5,0815 PI	18,2623 AR	12,5742 GE	2,2108 CA	19,2402 CA
20:48	9,3332 AQ	6,2449 PI	20,0427 AR	14,0646 GE	3,1459 CA	20,1619 CA
20:52	10,3252 AQ	7,4141 PI	21,4154 AR	15,1439 GE	4,0830 CA	21,0834 CA
20:56	11,3222 AQ	8,5850 PI	23,1841 AR	16,2125 GE	5,0139 CA	22,0047 CA
21:00	12,3204 AQ	10,1616 PI	24,5446 AR	17,2707 GE	5,5429 CA	22,5257 CA
21:04	13,3156 AQ	11,3357 PI	26,3007 AR	18,3147 GE	6,4659 CA	23,4506 CA
21:08	14,3159 AQ	12,5153 PI	28,0441 AR	19,3527 GE	7,3911 CA	24,3713 CA
21:12	15,3212 AQ	14,1003 PI	29,3828 AR	20,3811 GE	8,3106 CA	25,2919 CA
21:16	16,3237 AQ	15,2826 PI	1,1125 TA	21,3959 GE	9,2243 CA	26,2124 CA
21:20	17,3312 AQ	16,4701 PI	2,4332 TA	22,4056 GE	10,1405 CA	27,1328 CA
21:24	18,3359 AQ	18,0547 PI	4,1446 TA	23,4102 GE	11,0510 CA	28,0533 CA
21:28	19,3465 AQ	19,2443 PI	5,4507 TA	24,4019 GE	11,5601 CA	28,5737 CA
21:32	20,3605 AQ	20,4348 PI	7,1433 TA	25,3851 GE	12,4637 CA	29,4941 CA
21:36	21,3724 AQ	22,0300 PI	8,4304 TA	26,3638 GE	13,3700 CA	0,4146 LE
21:40	22,3854 AQ	23,2220 PI	10,1040 TA	27,3343 GE	14,2709 CA	1,3352 LE
21:44	23,4034 AQ	24,4145 PI	11,3719 TA	28,3007 GE	15,1706 CA	2,2559 LE
21:48	24,4226 AQ	26,0115 PI	13,0301 TA	29,2551 GE	16,0651 CA	3,1807 LE
21:52	25,4428 AQ	27,2048 PI	14,2745 TA	0,2058 CA	16,5624 CA	4,1016 LE
21:56	26,4640 AQ	28,4023 PI	15,5133 TA	1,1530 CA	17,4547 CA	5,0228 LE
22:00	27,4903 AQ	0,0000 AR	17,1423 TA	2,0926 CA	18,3459 CA	5,5441 LE
22:04	28,5135 AQ	1,1936 AR	18,3616 TA	3,0250 CA	19,2401 CA	6,4657 LE
22:08	29,5418 AQ	2,3912 AR	19,5712 TA	3,5542 CA	20,1254 CA	7,3914 LE
22:12	0,5711 PI	3,5845 AR	21,1710 TA	4,4803 CA	21,0137 CA	8,3135 LE
22:16	2,0013 PI	5,1814 AR	22,3613 TA	5,3955 CA	21,5013 CA	9,2358 LE
22:20	3,0325 PI	6,3740 AR	23,5419 TA	6,3120 CA	22,3840 CA	10,1624 LE
22:24	4,0646 PI	7,5659 AR	25,1129 TA	7,2217 CA	23,2700 CA	11,0854 LE
22:28	5,1016 PI	9,1612 AR	26,2744 TA	8,1249 CA	24,1512 CA	12,0126 LE
22:32	6,1355 PI	10,3516 AR	27,4305 TA	9,0256 CA	25,0318 CA	12,5402 LE
22:36	7,1742 PI	11,5412 AR	28,5732 TA	9,5240 CA	25,5117 CA	13,4641 LE
22:40	8,2138 PI	13,1258 AR	0,1106 GE	10,4200 CA	26,3911 CA	14,3925 LE
22:44	9,2541 PI	14,3133 AR	1,2349 GE	11,3100 CA	27,2658 CA	15,3211 LE
22:48	10,2952 PI	15,4956 AR	2,3539 GE	12,1938 CA	28,1441 CA	16,2502 LE
22:52	11,3410 PI	17,0806 AR	3,4639 GE	13,0756 CA	29,0219 CA	17,1757 LE
22:56	12,3836 PI	18,2602 AR	4,5650 GE	13,5556 CA	29,4952 CA	18,1056 LE
23:00	13,4308 PI	19,4344 AR	6,0612 GE	14,4337 CA	0,3721 LE	19,0359 LE
23:04	14,4746 PI	21,0109 AR	7,1447 GE	15,3100 CA	1,2446 LE	19,5707 LE
23:08	15,5230 PI	22,1819 AR	8,2235 GE	16,1807 CA	2,1207 LE	20,5019 LE
23:12	16,5720 PI	23,3510 AR	9,2937 GE	17,0458 CA	2,5925 LE	21,4335 LE
23:16	18,0215 PI	24,5144 AR	10,3555 GE	17,5133 CA	3,4640 LE	22,3656 LE
23:20	19,0714 PI	26,0759 AR	11,4129 GE	18,3754 CA	4,3352 LE	23,3021 LE
23:24	20,1218 PI	27,2354 AR	12,4621 GE	19,2400 CA	5,2102 LE	24,2351 LE
23:28	21,1726 PI	28,3930 AR	13,5031 GE	20,0953 CA	6,0810 LE	25,1725 LE
23:32	22,2237 PI	29,5444 AR	14,5401 GE	20,5534 CA	6,5516 LE	26,1104 LE
23:36	23,2752 PI	1,0937 TA	15,5652 GE	21,4102 CA	7,4219 LE	27,0447 LE
23:40	24,3309 PI	2,2408 TA	16,5904 GE	22,2618 CA	8,2922 LE	27,5835 LE
23:44	25,3829 PI	3,3817 TA	18,0039 GE	23,1123 CA	9,1623 LE	28,5228 LE
23:48	26,4350 PI	4,5203 TA	19,0138 GE	23,5617 CA	10,0323 LE	29,4625 LE
23:52	27,4912 PI	6,0526 TA	20,0201 GE	24,4101 CA	10,5023 LE	0,4027 VI
23:56	28,5436 PI	7,1825 TA	21,0150 GE	25,2535 CA	11,3721 LE	1,3433 VI

