BSQ 2023 (M3E - punt 2 3 correctie)	Gemiddelde WOZ-waarde BSQ 2022 nieuwe GO grenzen (M3E - punt 2 3 correctie)	Gemiddelde opstalwaarde BSQ 2022 nieuwe raming (M3E - punt 2 3 correctie)	Unique concatenate with count(Hoofdcode)	Unique concatenate with count(Hoofdcode omschrijving)	Count(Hoofdcode)	First(Stadsdeel)	Geocode (#1)	Gebruikscode (#1)	Gemiddelde WOZ-waarde BSQ 2022 nieuwe GO grenzen (MBM)	Gemiddelde opstalwaarde BSQ 2022 nieuwe raming (MBM)	Unique concatenate with count(Hoofdcode omschrijving) (#1)	Unique concatenate with count(Hoofdcode) (#1)	First(Buurtcode)	Geocode	Gebruikscode	BSQ2021	BSQ 2023 (MBM)	verschil_2021_MBM	verschil_2021_M3E	BSQ 2023 (M3E - punt 2 3 correctie) [Binned]	Gemiddelde WOZ-waarde BSQ 2022 nieuwe GO grenzen (M3E - punt 2 3 correctie) [Binned	Gemiddelde opstalwaarde BSQ 2022 nieuwe raming (M3E - punt 2 3 correctie) [Binned]	Count(Hoofdcode) [Binned]	Gemiddelde WOZ-waarde BSQ 2022 nieuwe GO grenzen (MBM) [Binned]	Gemiddelde opstalwaarde BSQ 2022 nieuwe raming (MBM) [Binned]	verschil_2021_MBM [Binned]	verschil_2021_M3E [Binned]
39	8430,292783	5206,39748	[redacted]	[redacted]	30	A	00019A06l	STWO	8430,292783	4689,812897	[redacted]	A06l	00019A06l	STWO		44	44	0	-5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25	
46	6538,364162	3457,929463			354	M	00027M31b	STWO	6538,364162	4059,604619		M31b	00027M31b	STWO		38	38	0	8	46.8	61,162.852	3,773.36	352.4	61,162.852	4,711.837	0.7	9.35	
41	7647,894349	4532,2648			5	A	00035A06c	EGWO	7647,894349	3656,337102		A06c	00035A06c	EGWO		47	49	2	-6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25	
37	7700,707749	4756,399007			21	A	00035A06c	STWO	7700,707749	4329,575599		A06c	00035A06c	STWO		43	42	-1	-6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25	
49	7204,548775	3182,423904			59	M	00043M27a	STWO	7204,548775	4058,203173		M27a	00043M27a	STWO		44	44	0	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45	
45	8156,660731	4280,0922			3	A	00051A06k	EGWO	8156,660731	4032,684689		A06k	00051A06k	EGWO		49	49	0	-4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35	
46	7559,268666	3934,283665			9	A	00051A06k	STWO	7559,268666	4146,082993		A06k	00051A06k	STWO		45	45	0	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55	
49	7825,757576	4905,080048			1	A	00078A05d	EGWO	7825,757576	3703,623128		A05d	00078A05d	EGWO		49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55	
29	7331,701346	5232,429281			8	A	00078A05f	STWO	7331,701346	4446,694964		A05f	00078A05f	STWO		38	39	1	-9	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-10.15	
42	7118,195312	3972,363582			14	M	00086M32a	STWO	7118,195312	4428,824151		M32a	00086M32a	STWO		37	38	1	5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45	
32	5738,368266	3822,997088			12	A	00094A09e	STWO	5738,368266	3923,746015		A09e	00094A09e	STWO		32	31	-1	0	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55	
49	7124,626676	3174,101736			96	E	00108E20a	STWO	7124,626676	4072,834562		E20a	00108E20a	STWO		43	46	3	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45	
49	7493,336955	3765,175603			67	E	00108E20b	STWO	7493,336955	4152,028891		E20b	00108E20b	STWO		42	45	3	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45	
49	7570,583697	2936,563252			16	E	00108E22a	STWO	7570,583697	4051,874508		E22a	00108E22a	STWO			47			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837			
36	6368,983986	4110,125176			7	N	00116N60a	EGWO	6368,983986	4395,271669		N60a	00116N60a	EGWO		27	32	5	9	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	9.35	
43	8859,33962	5204,815723			3	A	00124A06l	EGWO	8859,33962	4106,906421		A06l	00124A06l	EGWO		49	49	0	-6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25	
39	7516,939804	5116,049115			8	A	00124A06l	STWO	7516,939804	4653,918888		A06l	00124A06l	STWO		45	44	-1	-6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25	
40	7315,625	4526,94875			3	A	00132A06a	EGWO	7315,625	3791,747326		A06a	00132A06a	EGWO		47	49	2	-7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25	
38	8169,687274	5074,723013			41	A	00132A06a	STWO	8169,687274	4521,259261		A06a	00132A06a	STWO		44	44	0	-6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25	
46	6346,320346				1	E	00140E20a	EGWO	6346,320346			E20a	00140E20a	EGWO			49			46.8	61,162.852		51.2	61,162.852				
49	7668,00672	3599,295865	Wet WOZ artikel 40 lid 2 - e.v.		182	E	00140E20a	STWO	7668,00672	4204,879346	Wet WOZ artikel 40 lid 2 -	E20a	00140E20a	STWO		45	46	1	4	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45	
49	6293,025704	3096,4932			6	E	00140E20b	EGWO	6293,025704	2804,957719		E20b	00140E20b	EGWO						46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837			
49	7579,489452	3026,876524			203	E	00140E20b	STWO	7579,489452	4062,147327		E20b	00140E20b	STWO		46	46	0	3	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	1.55	
	5758,678458	2374,51125			2	E	00140E20c	EGWO	5758,678458	2415,873031		E20c	00140E20c	EGWO							61,162.852	3,773.36	51.2	61,162.852	4,711.837			
49	7463,216119	3135,874257			171	E	00140E20c	STWO	7463,216119	4135,68513		E20c	00140E20c	STWO		45	45	0	4	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45	
49	7410,341814	3169,224048			236	E	00140E21a	STWO	7410,341814	4109,154903		E21a	00140E21a	STWO		45	44	-1	4	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	5.45	
49	6608,20042	3373,406411			57	E	00159E16a	STWO	6608,20042	3935,187999		E16a	00159E16a	STWO		40	41	1	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35	
49	6983,660685	3521,198157			121	E	00159E16b	STWO	6983,660685	4288,547326		E16b	00159E16b	STWO		38	38	0	11	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35	
48	6610,062893	3804,9616			1	K	00167K24c	EGWO	6610,062893	3113,066686		K24c	00167K24c	EGWO						46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837			
49	7790,521633	3357,306842			111	K	00167K24c	STWO	7790,521633	4194,825791		K24c	00167K24c	STWO		47	46	-1	2	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	1.55	
48	7352,19298	3814,840479			116	K	00175K24d	STWO	7352,19298	4182,440072		K24d	00175K24d	STWO		43	43	0	5	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45	
49	7310,11546	3320,192009			161	K	00175K24e	STWO	7310,11546	4066,519446		K24e	00175K24e	STWO		43	43	0	6	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45	
49	7938,238514	3594,763028			198	K	00183K24d	STWO	7938,238514	4429,512426		K24d	00183K24d	STWO		45	44	-1	4	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45	
49	7458,201722	3353,037133			164	K	00183K24e	STWO	7458,201722	4164,903671		K24e	00183K24e	STWO		45	44	-1	4	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45	
49	7479,134327	3897,918643			4	E	00191E14d	STWO	7479,134327	4600,747513		E14d	00191E14d	STWO		39	40	1	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35	
49	7846,995521	3750,020112			49	E	00191E14e	STWO	7846,995521	4405,913914		E14e	00191E14e	STWO		43	44	1	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45	
49	7893,238123	3974,76651			40	E	00191E14f	STWO	7893,238123	4536,485531		E14f	00191E14f	STWO		43	42	-1	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45	
49	7379,738509	3606,112578			75	E	00205E16a	STWO	7379,738509	4266,267315		E16a	00205E16a	STWO		42	41	-1	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45	
40	7706,071286	4519,551868			7	A	00213A06g	EGWO	7706,071286	3644,358526		A06g	00213A06g	EGWO		46	49	3	-6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25	
35	8164,384246	5587,65006			33	A	00213A06g	STWO	8164,384246	4697,318162		A06g	00213A06g	STWO		42	42	0	-7	33.6	61,162.852	7,085.2	51.2	61,162.852	4,711.837	0.7	-6.25	
27	6519,814853	5050,160425			4	A	00221A09e	STWO	6217,3786	4212,65385		A09e	00221A09e	STWO		35	35	0	-8	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25	
45	7589,538966	4404,739025			5	A	00248A06c	EGWO	7589,538966	3660,131816		A06c	00248A06c	EGWO		49	49	0	-4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35	
36	7751,631381	4987,403406			22	A	00248A06c	STWO	7751,631381	4418,150852		A06c	00248A06c	STWO		43	43	0	-7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25	
45	7541,498994	4416,87265			2	A	00256A06k	EGWO	7541,498994	3530,13564		A06k	00256A06k	EGWO		49	49	0	-4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35	
37	8147,457732	5170,403722			13	A	00256A06k	STWO	8147,457732	4520,310666		A06k	00256A06k	STWO		45	45	0	-8	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25	
45	7345,397348	3755,01176			5	A	00264A06g	EGWO	7345,397348	3221,811545		A06g	00264A06g	EGWO		49	49	0	-4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35	
42	7495,660431	4341,280007			41	A	00264A06g	STWO	7495,660431	4297,134419		A06g	00264A06g	STWO		43	43	0	-1	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35	
49	7141,734066	3440,544559			81	E	00299E14a	STWO	7141,734066	4190,733562		E14a	00299E14a	STWO		40	41	1	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35	
49	7331,86374	3523,992275			113	M	00302M27a	STWO	7331,86374	4208,31097		M27a	00302M27a	STWO		44	43	-1	5	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45	
43	5669,600426	3415,230415			97	M	00302M28a	STWO	5669,600426	3692,714088		M28a	00302M28a	STWO		35	35	0	8	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35	
37	6319,0845	4149,971912			139	M	00302M28d	STWO	6319,0845	3904,369465		M28d	00302M28d	STWO		35	36	1	2	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55	
49	7123,420914	3782,623933			16	A	00310A06h	STWO	7123,420914	4152,745959		A06h	00310A06h	STWO		42	42	0	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45	
36	6177,899303	4008,429741			24	M	00329M55b	STWO	6177,899303	3786,747459		M55b	00329M55b	STWO		36	38	2	0	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55	
45	8323,529412				1	A	00337A06g	EGWO	8323,529412	4338,98659		A06g	00337A06g	EGWO		49	49	0	-4	46.8	61,162.852		51.2	61,162.852	4,711.837	0.7	-2.35	
43	7812,245398	4447,687438			10	A	00337A06g	STWO	7812,245398	4403,548036		A06g	00337A06g	STWO		44	44	0	-1	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35	

46	6309,94152	3709,81	[redacted]	1	K	00345K45a	EGWO	6309,94152	2984,055019	[redacted]	K45a	00345K45a	EGWO	47	49	2	-1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
49	7692,729364	3929,888185		94	K	00345K45a	STWO	7692,729364	4303,282469		K45a	00345K45a	STWO	44	44	0	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	7490,809981	3567,57503		41	K	00353K24e	STWO	7490,809981	4283,803308		K24e	00353K24e	STWO	43	43	0	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
43	7592,154938	4394,471409		4	A	00361A06l	EGWO	7592,154938	3480,250836		A06l	00361A06l	EGWO	49	49	0	-6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
40	7916,765783	4804,780938		29	A	00361A06l	STWO	7916,765783	4427,408203		A06l	00361A06l	STWO	43	44	1	-3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	7251,467292	3834,21649		44	K	00388K24b	STWO	7251,467292	4161,438968		K24b	00388K24b	STWO	43	42	-1	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	7584,660721	3535,717015		93	K	00388K24e	STWO	7584,660721	4289,682916		K24e	00388K24e	STWO	44	43	-1	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
38	6696,983924	4329,614658		148	M	00396M29a	STWO	6696,983924	4145,348866		M29a	00396M29a	STWO	38	37	-1	0	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	1.55
43	5926,120383	3759,650408		87	M	00396M29b	STWO	5926,120383	4040,389647		M29b	00396M29b	STWO	39	39	0	4	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
42	6198,401105	3561,260561		24	N	00418N61c	EGWO	6198,401105	3882,510287		N61c	00418N61c	EGWO	35	37	2	7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
49	6669,242699	4316,762494		7	A	00426A07e	EGWO	6669,242699	3306,572762		A07e	00426A07e	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
36	6866,671642	4810,024765		117	A	00426A07e	STWO	6866,671642	4280,358762		A07e	00426A07e	STWO	40	40	0	-4	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-2.35
49	7313,526997	3625,574215		20	A	00434A07f	STWO	7313,526997	4134,33695		A07f	00434A07f	STWO	44	45	1	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
43	7901,250052	4294,2661		5	A	00450A06l	EGWO	7901,250052	3838,600615		A06l	00450A06l	EGWO	49	49	0	-6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
39	8076,785199	5246,790879		28	A	00450A06l	STWO	8076,785199	4547,725772		A06l	00450A06l	STWO	43	44	1	-4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
45	6525,588054	3572,733628		221	M	00469M31b	STWO	6525,588054	3996,70311		M31b	00469M31b	STWO	39	38	-1	6	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	5.45
40	7787,211483	4622,451462		7	A	00477A06c	EGWO	7787,211483	3784,079849		A06c	00477A06c	EGWO	47	49	2	-7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
40	7432,706311	4158,765323		22	A	00477A06c	STWO	7432,706311	4158,648444		A06c	00477A06c	STWO	44	44	0	-4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
	4781,437126	3068,1093		1	M	00485M28a	EGWO	4781,437126			M28a	00485M28a	EGWO						61,162.852	3,773.36	51.2	61,162.852			
49	6807,899241	3303,925534		153	M	00485M28a	STWO	6807,899241	4273,945956		M28a	00485M28a	STWO	35	37	2	14	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	13.25
45	7027,010804	4364,7018		2	A	00493A06k	EGWO	7027,010804	3407,894186		A06k	00493A06k	EGWO	49	49	0	-4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
36	7973,03222	5094,534848		21	A	00493A06k	STWO	7973,03222	4447,293217		A06k	00493A06k	STWO	45	44	-1	-9	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
47	7866,202363	3468,687818		15	A	00507A05d	STWO	7866,202363	4098,243998		A05d	00507A05d	STWO	46	48	2	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
32	5415,631271	4311,249035		14	M	00515M32a	STWO	5415,631271	3849,872243		M32a	00515M32a	STWO	31	29	-2	1	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	6907,802065	3088,56825		5	E	00531E20b	EGWO	6907,802065	3412,495163		E20b	00531E20b	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	7421,396056	3385,767693		70	E	00531E20b	STWO	7421,396056	4128,144841		E20b	00531E20b	STWO	47	46	-1	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	8111,909569	3107,537236		19	E	00531E22a	STWO	8111,909569	4166,599984		E22a	00531E22a	STWO		47			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	7639,730018	2607,535056		13	E	00531E22b	STWO	7639,730018	3928,38648		E22b	00531E22b	STWO	44	42	-2	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
39	6178,31861	4232,313609		6	N	00558N60a	EGWO	6178,31861	4683,638145		N60a	00558N60a	EGWO	32	37	5	7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
43	8229,508197	4785,45207		1	A	00566A06l	EGWO	8229,508197	3705,246767		A06l	00566A06l	EGWO	49	49	0	-6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
41	7938,618882	4757,022733		26	A	00566A06l	STWO	7938,618882	4345,888067		A06l	00566A06l	STWO	45	44	-1	-4	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
40	7905,869518	4741,407769		3	A	00574A06a	EGWO	7905,869518	3797,490858		A06a	00574A06a	EGWO	47	49	2	-7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
36	7507,966131	4795,773698		14	A	00574A06a	STWO	7507,966131	4333,367345		A06a	00574A06a	STWO	43	42	-1	-7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
46	6335,905037	3426,36085		3	E	00582E20a	EGWO	6335,905037	2793,982171		E20a	00582E20a	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	8179,710223	3343,452001		214	E	00582E20a	STWO	8179,710223	4266,795829		E20a	00582E20a	STWO	48	48	0	1	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	1.55
49	7085,181	3447,555051		82	E	00590E16b	STWO	7085,181	4163,502618		E16b	00590E16b	STWO	40	41	1	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
45	6831,270262	3426,023352		68	E	00590E16c	STWO	6831,270262	3884,242095		E16c	00590E16c	STWO	43	42	-1	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
48	7421,873372	3854,532215		195	K	00604K24b	STWO	7421,873372	4267,01972		K24b	00604K24b	STWO	43	42	-1	5	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
49	7480,655421	3344,008816		260	K	00612K24a	STWO	7480,655421	4115,276194		K24a	00612K24a	STWO	45	45	0	4	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	5.45
49	7244,488161	3173,310327		99	K	00612K24e	STWO	7244,488161	4065,868454		K24e	00612K24e	STWO	45	44	-1	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	7662,583009	3345,511275		154	K	00620K24a	STWO	7662,583009	4206,234847		K24a	00620K24a	STWO	46	45	-1	3	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	1.55
49	7382,766704	3203,938201		122	K	00620K24e	STWO	7382,766704	4097,940921		K24e	00620K24e	STWO	45	44	-1	4	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
49	7369,129843	3606,873905		20	E	00647E14e	STWO	7369,129843	4283,344898		E14e	00647E14e	STWO	42	42	0	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	7573,748131	3627,977228		11	E	00647E14f	STWO	7573,748131	4313,08744		E14f	00647E14f	STWO	43	43	0	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	7431,5671	3312,390113		77	E	00655E18a	STWO	7394,342073	4094,73717		E18a	00655E18a	STWO	46	45	-1	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	7648,06575	3734,035026		14	E	00655E18b	STWO	7648,06575	4352,596544		E18b	00655E18b	STWO	44	44	0	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	7410,128159	3515,156058		80	E	00655E19c	STWO	7410,128159	4224,217092		E19c	00655E19c	STWO	43	43	0	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
45	7452,583774	3940,820573		4	A	00663A06g	EGWO	7452,583774	3312,510484		A06g	00663A06g	EGWO	49	49	0	-4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
35	7737,7411	5062,830346		32	A	00663A06g	STWO	7737,7411	4434,781158		A06g	00663A06g	STWO	42	43	1	-7	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
49	8970,29703	5201,118437		1	A	00671A09e	EGWO	8970,29703	4048,144845		A09e	00671A09e	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
25	5854,762812	4434,6004		5	A	00671A09e	STWO	5519,608279	3897,116243		A09e	00671A09e	STWO	31	35	4	-6	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
49	8194,128849	3583,544661		7	A	00698A06c	EGWO	8194,128849	3527,035771		A06c	00698A06c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
36	7423,999145	4734,593212		28	A	00698A06c	STWO	7423,999145	4256,840572		A06c	00698A06c	STWO	43	42	-1	-7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
46	8021,532456	4118,905819		10	A	00701A06k	STWO	8021,532456	4359,248496		A06k	00701A06k	STWO	45	46	1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
45	7310,606061	2644,8336		1	A	00728A06g	EGWO	7310,606061	2850,398474		A06g	00728A06g	EGWO	49	49	0	-4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
43	7817,084415	4507,912463		9	A	00728A06g	STWO	7817,084415	4048,288239		A06g	00728A06g	STWO	45	46	1	-2	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
28	6934,204083	4677,020127		11	A	00744A06e	STWO	6934,204083	4173,392659		A06e	00744A06e	STWO	38	38	0	-10	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-10.15
49	6626,528262	3339,074018		11	E	00752E14a	STWO	6626,528262	4032,753955		E14a	00752E14a	STWO	39	39	0	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
46	6967,794835	3829,874298		9	E	00752E14b	STWO	6967,794835	3910,770135		E14b	00752E14b	STWO	41	41	0	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
45	6389,349224	3517,281586		15	M	00760M28c	EGWO	6389,349224	2902,11391		M28c	00760M28c	EGWO	49	49	0	-4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	6318,374139	3032,195666		257	M	00760M28c	STWO	6318,374139	3804,825483		M28c	00760M28c	STWO	38	39	1	11	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	9.35
45	7551,853255	4192,376689		83	M	00760M28d	STWO	7551,853255	4312,043272		M28d	00760M28d	STWO	41	43	2	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
49	7381,782946	3619,420043		2	A	00779A06h	STWO	7381,782946	3985,629086		A06h	00779A06h	STWO	46	47	1	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
45	7172,231716	3751,435		2	A	00795A06g	EGWO	7172,231716	2922,829182		A06g	00795A06g	EGWO	49	49	0	-4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
45	7378,886558	3939,701543		15	A	00795A06g	STWO	7378,886558	4268,42011		A06g	00795A06g	STWO	42	41	-1	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
46	6957,351713	3677,633909		3	K	00809K45a	EGWO	6957,351713	3131,059217		K45a	00809K45a	EGWO	47	49	2	-1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
49	7173,518263	3457,4539		63	K	00809K45a	STWO	7173,518263	4130,971406		K45a	00809K45a	STWO	43	42	-1	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	7633,690755	3812,575255		50	K	00817K25b	STWO	7633,690755	4247,561836		K25b	00817K25b	STWO	45	44	-1	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
39	8007,975037	4918,272356		29	A	00825A06l	STWO	8007,975037	4429,976901		A06l	00825A06l	STWO	45	45	0	-6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
49	7168,265878	3391,422037		33	K	00833K25b	STWO	7168,265878	4153,047742		K25b	00833K25b	STWO	45	42	-3	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	5.45
49	7194,39652	3302,657204		75	K	00833K25c	STWO	7194,39652	4120,704556		K25c	00833K25c	STWO	43	43	0	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	6850,627471	3381,44141		99	K	00833K26c	STWO	6850,627471	4046,291344		K26c	00833K26c	STWO	42	41	-1	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	6527,69338	3356,122685		94	M	00841M29b	STWO	6527,69338	3982,069102		M29b	00841M29b	STWO	40	39	-1	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
44	6273,321416	3465,206342		20	N	00868N61c	EGWO	6273,321416	3792,158868		N61c	00868N61c	EGWO	35	39	4	9	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
49	8995,029438	4296,85507		13	A	00876A07e	EGWO	8995,029438	3819,825774		A07e	00876A07e	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
41	7543,866758	4449,954836		147	A	00876A07e	STWO	7543,866758	4356,528837		A07e	00876A07e	STWO	42	42	0	-1	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-2.35
48	7284,07188	3797,932105		9	A	00884A07f	STWO	7284,07188	4031,13344		A07f	00884A07f	STWO	45	45	0	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
26	6163,449645	4592,389416		116	A	00892A09c	STWO	6163,449645	3903,027854		A09c	00892A09c	STWO	34	35	1	-8	24.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-6.25
43	7420,441347	3647,61145		2	A	00906A06l	EGWO	7420,441347	3247,674392		A06l	00906A06l	EGWO	49	49	0	-6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
39	8080,949576	4953,541372		19	A	00906A06l	STWO	8080,949576	4550,553882		A06l	00906A06l	STWO	44	44	0	-5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
40	6508,333333	4610,44575		2	A	00914A06a	EGWO	6508,333333	3495,822658		A06a	00914A06a	EGWO	47	49	2	-7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
42	7411,622115	4297,246045		10	A	00914A06a	STWO	7411,622115	4256,935333		A06a	00914A06a	STWO	41	43	2	1	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
46	6550,348309	3436,18235		2	E	00922E20a	EGWO	6550,348309	2975,335405		E20a	00922E20a	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		

49	7661,785049	3046,180864	[redacted]	206	E	00922E20a	STWO	7661,785049	4088,359211	[redacted]	E20a	00922E20a	STWO	47	46	-1	2	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	1.55
49	7675,717241	3732,698857		65	E	00930E16b	STWO	7675,717241	4353,434469		E16b	00930E16b	STWO	42	43	1	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	7641,306084	3550,908883		118	E	00957E21a	STWO	7641,306084	4258,161934		E21a	00957E21a	STWO	43	44	1	6	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
45	8497,781363	4553,2172		2	A	00965A06c	EGWO	8497,781363	4122,20217		A06c	00965A06c	EGWO	49	49	0	-4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
43	7696,253481	4391,902077		39	A	00965A06c	STWO	7696,253481	4323,775308		A06c	00965A06c	STWO	43	44	1	0	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
44	7512,218859	4252,716595		23	A	00973A06g	STWO	7512,218859	4175,549131		A06g	00973A06g	STWO	44	44	0	0	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
45	6890,292528	3747,28982		275	M	01007M28c	STWO	6890,292528	4052,350012		M28c	01007M28c	STWO	40	41	1	5	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	5.45
43	6594,692073	3699,041325		146	M	01007M28d	STWO	6594,692073	3974,491053		M28d	01007M28d	STWO	40	40	0	3	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
46	8013,432702	4220,497375		11	K	01015K45a	EGWO	8013,432702	4109,041336		K45a	01015K45a	EGWO	47	49	2	-1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
47	7451,290412	3940,14983		129	K	01015K45a	STWO	7451,290412	4340,449866		K45a	01015K45a	STWO	41	41	0	6	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
44	6303,396189	3484,925815		22	N	01023N61c	EGWO	6303,396189	3841,100606		N61c	01023N61c	EGWO	35	39	4	9	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
49	9011,509684	3829,908277		11	A	01031A07e	EGWO	9011,509684	3594,128577		A07e	01031A07e	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
39	7628,26544	4658,703006		52	A	01031A07e	STWO	7628,26544	4350,547534		A07e	01031A07e	STWO	42	43	1	-3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
31	5756,837485	3969,322346		50	A	01058A09c	STWO	5756,837485	3720,828461		A09c	01058A09c	STWO	34	35	1	-3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
40	6097,204491	3612,251131		18	N	01066N61c	EGWO	6097,204491	3987,517198		N61c	01066N61c	EGWO	33	35	2	7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
39	5721,724152	3755,56103		18	N	01074N61c	EGWO	5721,724152	4190,128383		N61c	01074N61c	EGWO	31	34	3	8	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
44	6829,613095	4331,657749		4	N	01082N61c	EGWO	6829,613095	4760,8025		N61c	01082N61c	EGWO	36	39	3	8	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
45	4406,514716	2318,212176		4	N	01120N70a	EGWO	4406,514716	2246,998926		N70a	01120N70a	EGWO	39	46	7	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
7	3798,689012	3746,706318		20	N	01120N70a	STWO	3798,689012	3404,068795		N70a	01120N70a	STWO	7	11	4	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
38	4454,524803	2586,682071		15	F	01139F78b	EGWO	4454,524803	2411,174252		F78b	01139F78b	EGWO	34	43	9	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
17	4118,086056	3423,358609		102	F	01139F78c	STWO	4118,086056	3297,271593		F78c	01139F78c	STWO	14	18	4	3	16	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	1.55
49	6743,912467	3287,778906		17	K	01163K44c	STWO	6743,912467	3993,923551		K44c	01163K44c	STWO	41	40	-1	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
49	6996,751428	3445,318868		8	K	01163K44d	STWO	6996,751428	4146,642031		K44d	01163K44d	STWO	42	41	-1	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	6582,786839	3294,932231		193	K	01171K44c	STWO	6582,786839	3988,545318		K44c	01171K44c	STWO	38	39	1	11	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
49	6645,792451	3369,498726		175	K	01171K44d	STWO	6645,792451	4062,172264		K44d	01171K44d	STWO	39	40	1	10	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
42	6481,848688	3361,132152		2	N	01198N72a	EGWO	6481,848688	3325,818339		N72a	01198N72a	EGWO	36	46	10	6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
31	4747,831633	3265,485214		14	N	01201N65c	EGWO	4747,831633	3018,114899		N65c	01201N65c	EGWO	30	36	6	1	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
29	4350,582892	3106,476602		18	F	01228F77a	EGWO	4350,582892	2837,208532		F77a	01228F77a	EGWO	24	35	11	5	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
49	6764,205816	3219,211526		83	K	01236K44c	STWO	6764,205816	3962,323004		K44c	01236K44c	STWO	41	41	0	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
	4222,222222	3628,61		1	T	01244T92g	EGWO	4222,222222	2661,250521		T92g	01244T92g	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
32	4681,354381	3186,110428		59	N	01295N65c	EGWO	4681,354381	3019,417801		N65c	01295N65c	EGWO	29	35	6	3	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
18	4526,993105	3447,707713		13	N	01295N65c	STWO	4526,993105	3769,743352		N65c	01295N65c	STWO	17	16	-1	1	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	7017,74601	3313,054104		192	K	01317K48f	STWO	7017,74601	4047,89073		K48f	01317K48f	STWO	44	42	-2	5	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
49	7517,211868	3915,8161		2	A	01325A07h	EGWO	7517,211868	3151,944434		A07h	01325A07h	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
48	5838,763154	2764,7818		4	A	01325A07h	STWO	5838,763154	3704,856424		A07h	01325A07h	STWO	46	46	0	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
42	7031,828588	3931,685231		7	N	01333N73h	EGWO	7031,828588	3563,385027		N73h	01333N73h	EGWO	43	49	6	-1	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-2.35
	5152,55748	2721,743588		4	N	01333N73h	STWO	5152,55748	3693,006173		N73h	01333N73h	STWO	9	9	0			61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	
49	9334,709755	4208,750356		8	A	01341A07g	EGWO	9334,709755	4002,289501		A07g	01341A07g	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
39	8732,57971	5366,474377		24	A	01341A07g	STWO	8732,57971	4525,252596		A07g	01341A07g	STWO	47	47	0	-8	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
49	9557,958478	4318,649844		2	A	01341A07h	EGWO	9557,958478	4591,581124		A07h	01341A07h	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
48	7532,830418	4480,663629		7	A	01341A07h	STWO	7532,830418	4659,912264		A07h	01341A07h	STWO	46	46	0	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
47	7023,862431	3726,005233		13	N	01368N73h	EGWO	7023,862431	3489,544031		N73h	01368N73h	EGWO	44	49	5	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
31	4542,997543	3112,711194		33	F	01376F89b	EGWO	4542,997543	2855,411608		F89b	01376F89b	EGWO	30	37	7	1	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
41	4286,95291	2520,21		7	N	01392N61b	EGWO	4153,881455	2454,960068		N61b	01392N61b	EGWO	36	43	7	5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
40	10599,20739	3668,642097		140	N	01392N61b	STWO	10599,20739	4769,035331		N61b	01392N61b	STWO	27	28	1	13	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	13.25
42	5678,62745	3290,557426		8	N	01392N61c	STWO	5678,62745	3791,78104		N61c	01392N61c	STWO	32	33	1	10	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
44	5584,599978	2825,861926		329	E	01430E37c	STWO	5581,560397	3642,510168		E37c	01430E37c	STWO	33	34	1	11	42.4	61,162.852	3,773.36	352.4	61,162.852	4,711.837	0.7	9.35
49	5988,322967	2858,212117		92	E	01430E37d	STWO	5976,566806	3718,65553		E37d	01430E37d	STWO	39	38	-1	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
49	5683,018472	2704,850224		246	E	01430E37e	STWO	5667,319362	3637,305952		E37e	01430E37e	STWO	36	36	0	13	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	13.25
49	5685,227355	2834,988001		263	E	01430E37f	STWO	5676,534296	3684,653902		E37f	01430E37f	STWO	35	36	1	14	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	13.25
49	6093,549241	3046,558568		115	E	01430E37g	STWO	6093,549241	3895,3341		E37g	01430E37g	STWO	36	36	0	13	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	13.25
49	6577,435799	3067,457534		20	E	01430E40a	STWO	6577,435799	3952,296843		E40a	01430E40a	STWO	40	40	0	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	6133,992701	2740,787863		226	E	01430E40b	STWO	6118,510934	3769,122447		E40b	01430E40b	STWO	38	38	0	11	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	9.35
49	5970,518245	2612,106748		149	E	01430E40c	STWO	5965,668919	3663,349019		E40c	01430E40c	STWO	38	38	0	11	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
49	5765,866583	2926,499679		108	E	01430E75a	STWO	5765,866583	3659,329196		E75a	01430E75a	STWO	35	36	1	14	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	13.25
49	6746,88687	3245,622707		59	E	01457E40c	STWO	6746,88687	4094,711884		E40c	01457E40c	STWO	39	39	0	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	6973,797272	3242,199343		82	E	01457E41a	STWO	6973,797272	4035,2179		E41a	01457E41a	STWO	40	42	2	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
47	6725,223651	3545,196576		120	E	01457E42a	STWO	6725,223651	4122,686885		E42a	01457E42a	STWO	40	41	1	7	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
49	6962,4555	3382,368034		141	E	01457E42b	STWO	6962,4555	4009,069383		E42b	01457E42b	STWO	41	42	1	8	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
49	7143,528269	3648,668485		94	E	01457E75b	STWO	7143,528269	4179,777189		E75b	01457E75b	STWO	40	41	1	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	11020,25071	4104,281703		175	E	01457E75d	STWO	11020,25071	5037,33277		E75d	01457E75d	STWO	38	41	3	11	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	9.35
8	4345,24821	4215,011727		36	F	01481F85c	STWO	4345,24821	3656,001368		F85c	01481F85c	STWO	12	14	2	-4	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
32	4142,589359	2840,886579		14	N	01503N66d	EGWO	4142,589359	2633,470352		N66d	01503N66d	EGWO	32	37	5	0	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
49	7118,574884	3355,033967		29	E	01511E40a	STWO	7118,574884	4150,410877		E40a	01511E40a	STWO	42	42	0	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
48	6471,602934	3218,963262		76	M	01570M30a	STWO	6471,602934	3907,857007		M30a	01570M30a	STWO	39	40	1	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	7076,548405	3295,493432		134	K	01589K48f	STWO	7076,548405	4054,114889		K48f	01589K48f	STWO	44	42	-2	5	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
49	6488,888889	3615,8626		1	E	01597E18a	EGWO	6488,888889	2976,831015		E18a	01597E18a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7155,693087	3570,198676		59	E	01597E18a	STWO	7155,693087	4195,017952		E18a	01597E18a	STWO	42	42	0	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
27	5374,154423	3969,976146		109	E	01600E39d	STWO	5374,154423	3819,198719		E39d	01600E39d	STWO	29	29	0	-2	24.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-2.35
30	4809,91828	2678,421314		5	F	01627F88j	EGWO	4809,91828	2353,185719		F88j	01627F88j	EGWO	27	35	8	3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
21	5940,527671	4740,765111		20	F	01627F88j	STWO	5940,527671	4371,746832		F88j	01627F88j	STWO	21	25	4	0	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
30	2932,20339	2548,78		1	F	01635F88j	EGWO	2932,20339	2207,152867		F88j	01635F88j	EGWO	27	35	8	3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
36	4062,962963	2584,499125		9	F	01651F83a	EGWO	4062,962963	2322,315965		F83a	01651F83a	EGWO	34	42	8	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
5	3281,243403	3672,455116		221	F	01651F83a	STWO	3281,243403	3500,79897		F83a	01651F83a	STWO	7	8	1	-2	7.2	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	-2.35
49	6366,195771	3206,336705		14	M	01678M57a	EGWO	6366,195771	3414,090092		M57a	01678M57a	EGWO	41	46	5	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	9.35
42	5823,444949	3355,881698		26	M	01678M57a	STWO	5823,444949	4007,334222		M57a	01678M57a	STWO	31	31	0	11	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
45	7341,03068	4400,6139		2	A	01716A06c	EGWO	7341,03068	3778,11556		A06c	01716A06c	EGWO	49	49	0	-4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
35	7585,546575	5572,719986		18	A	01716A06c	STWO	7585,546575	4851,314485		A06c	01716A06c	STWO	41	41	0	-6	33.6	61,162.852	7,085.2	51.2	61,162.852	4,711.837	0.7	-6.25
35	4359,261012	2540,530893		18	F	01724F78d	EGWO	4359,261012	2344,784444		F78d	01724F78d	EGWO	33	41	8	2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
22	4158,279205	3184,237986		36	F	01724F78d	STWO	4158,279205	3212,506206		F78d	01724F78d	STWO	19	22	3	3	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
49	7892,056123	3122,879657		57	E	01732E20a	STWO	7892,056123	4164,156559		E20a	01732E20a	STWO	49	46	-3	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	1.55
49	7577,804608	3659,313993		207	K	01740K24d	STWO	7577,804608	4396,769404		K24d	01740K24d	STWO	42	42	0	7	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	5.45
49	7405,784904	3638,227147		582	K	01740K24e	STWO	7405,784904	4267,001478		K24e	01740K24e	STWO	41	40	-1	8	46.8	61,162.852	3,773.36	553.2	61,162.852	4,711.837	-1.5	9.35

49	11678,67036	3319,349519	[redacted]	1	K	01759K49c	EGWO	11678,67036		[redacted]	K49c	01759K49c	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852			
	7090,784654	2589,797577		2	K	01759K49c	STWO	7090,784654			K49c	01759K49c	STWO						61,162.852	3,773.36	51.2	61,162.852			
49	7114,883087	3408,600863		50	K	01783K44a	STWO	7114,883087	4113,554926		K44a	01783K44a	STWO	42	42	0	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	6859,101917	3294,502877		15	K	01783K44b	STWO	6859,101917	4058,643688		K44b	01783K44b	STWO	40	41	1	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
28	4142,471538	3114,088762		14	F	01848F77f	EGWO	4142,471538	2810,919496		F77f	01848F77f	EGWO	24	33	9	4	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
49	6760,189398	3296,645095		129	K	01856K54d	STWO	6760,189398	4016,247849		K54d	01856K54d	STWO	41	41	0	8	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
49	10891,56397	2494,009878		8	K	01864K49d	EGWO	10891,56397	3478,288863		K49d	01864K49d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7335,805838	2557,892058		22	K	01864K49d	STWO	7335,805838	3906,842846		K49d	01864K49d	STWO	49	48	-1	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	10398,17177	2486,627979		2	K	01864K49e	EGWO	10398,17177	3433,662046		K49e	01864K49e	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7009,55211	2572,270732		41	K	01864K49e	STWO	7009,55211	3878,405932		K49e	01864K49e	STWO	49	47	-2	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
32	5211,309524	3568,547505		6	N	01880N65b	EGWO	5211,309524	3543,156499		N65b	01880N65b	EGWO	25	32	7	7	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
31	5116,941807	3515,544146		14	N	01899N65b	EGWO	5116,941807	3471,480964		N65b	01899N65b	EGWO	24	32	8	7	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
49	5880,534808	2459,436816		21	K	01910K91c	EGWO	5880,534808	2512,9706		K91c	01910K91c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	9611,380785	3572,918026		11	K	01937K47c	EGWO	9611,380785	3794,301804		K47c	01937K47c	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
	8051,595788	2841,519769		71	K	01937K47c	STWO	8051,595788	4098,057393		K47c	01937K47c	STWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
	9112,5	5761,309522		1	A	01945A08e	EGWO	9112,5	4736,218526		A08e	01945A08e	EGWO						61,162.852	7,085.2	51.2	61,162.852	4,711.837		
37	7369,594555	4683,740922		36	A	01945A08e	STWO	7369,594555	4217,630659		A08e	01945A08e	STWO	42	43	1	-5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
45	7041,433588	3439,956605		30	A	01945A09h	STWO	7041,433588	3835,165678		A09h	01945A09h	STWO	44	44	0	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
	5618,677043	3627,1882		1	A	01953A08e	EGWO	5618,677043			A08e	01953A08e	EGWO						61,162.852	3,773.36	51.2	61,162.852			
40	7524,624246	4525,077145		18	A	01953A08e	STWO	7524,624246	4179,300835		A08e	01953A08e	STWO	40	44	4	0	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
32	7061,013551	4788,828065		30	A	01961A08e	STWO	7061,013551	4226,983289		A08e	01961A08e	STWO	38	40	2	-6	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
33	4689,391384	3442,868622		4	N	02003N65b	EGWO	4689,391384	3159,168508		N65b	02003N65b	EGWO	28	36	8	5	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
6	4232,190291	4242,004676		164	N	02011N68c	STWO	4232,190291	3613,433967		N68c	02011N68c	STWO	11	14	3	-5	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	-6.25
49	6956,126392	3100,986378		40	E	02038E17a	STWO	6956,126392	3969,735285		E17a	02038E17a	STWO	43	43	0	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
29	4386,046512	3055,444622		5	F	02046F86a	STWO	4386,046512	3214,224509		F86a	02046F86a	STWO	24	26	2	5	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
45	4622,159076	2523,473511		17	F	02062F85b	EGWO	4622,159076	2453,438689		F85b	02062F85b	EGWO	39	47	8	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
49	6710,617278	3177,664267		60	E	02070E16a	STWO	6710,617278	3967,927611		E16a	02070E16a	STWO	41	41	0	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
33	4497,371292	2996,8214		14	N	02089N65c	EGWO	4497,371292	2779,001026		N65c	02089N65c	EGWO	30	38	8	3	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
18	4730,902256	3545,8239		20	N	02089N65c	STWO	4730,902256	3856,500178		N65c	02089N65c	STWO	20	18	-2	-2	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
49	7282,589092	3479,253802		205	K	02097K48f	STWO	7282,589092	4172,774329		K48f	02097K48f	STWO	45	43	-2	4	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	5.45
38	46114,00604	8913,556493		59	M	02100M31c	STWO	46114,00604	13043,36263		M31c	02100M31c	STWO	29	28	-1	9	38	61,162.852	10,397.041	51.2	61,162.852	10,468.296	-1.5	9.35
38	5082,243901	3041,612355		30	M	02119M31c	STWO	5082,243901	3481,688673		M31c	02119M31c	STWO	30	30	0	8	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
42	50532,8572	9742,040754		26	N	02127N63a	EGWO	50532,8572	12595,92159		N63a	02127N63a	EGWO	33	41	8	9	42.4	61,162.852	10,397.041	51.2	61,162.852	10,468.296	7.3	9.35
31	3425,721419	2372,70542		57	N	02135N69m	EGWO	3425,721419	2336,61802		N69m	02135N69m	EGWO	21	32	11	10	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	9.35
14	3757,434822	3219,099042		312	N	02135N69m	STWO	3757,434822	3086,156862		N69m	02135N69m	STWO	18	15	-3	-4	16	61,162.852	3,773.36	352.4	61,162.852	4,711.837	-3.7	-2.35
39	4567,657511	2879,352911		27	N	02151N67a	EGWO	4567,657511	2680,710415		N67a	02151N67a	EGWO	37	44	7	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
49	6648,148148	2410,19099		1	M	02178M56c	EGWO	6648,148148	2640,278781		M56c	02178M56c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6469,291283	2896,94508		11	M	02178M56c	STWO	6469,291283	3810,986525		M56c	02178M56c	STWO	41	38	-3	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	9.35
49	8961,306969	3681,13625		11	A	02186A03d	EGWO	8961,306969	3426,357953		A03d	02186A03d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
47	8465,683415	4100,394447		58	A	02186A03d	STWO	8465,683415	4358,159244		A03d	02186A03d	STWO	49	49	0	-2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
48	8368,682804	4345,834793		101	A	02186A03e	STWO	8368,682804	4387,657445		A03e	02186A03e	STWO	48	47	-1	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
37	7846,519341	4911,390306		45	A	02186A03f	STWO	7846,519341	4356,899749		A03f	02186A03f	STWO	46	44	-2	-9	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
44	7303,703704	4349,7647		1	A	02186A04i	EGWO	7303,703704	3411,881437		A04i	02186A04i	EGWO	48	49	1	-4	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
37	8338,4278	5255,439448		23	A	02186A04i	STWO	8338,4278	4619,97509		A04i	02186A04i	STWO	46	45	-1	-9	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
47	8602,863334	4562,269832		33	A	02186A07g	STWO	8602,863334	4529,945077		A07g	02186A07g	STWO	48	48	0	-1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	8856,25	3632,8627		2	A	02186A07h	EGWO	8856,25	3217,090404		A07h	02186A07h	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
43	8590,038997	4918,46567		19	A	02186A07h	STWO	8590,038997	4511,097338		A07h	02186A07h	STWO	48	48	0	-5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
46	6387,106063	3362,44598		5	A	02186A08a	EGWO	6387,106063			A08a	02186A08a	EGWO	49	49	0	-3	46.8	61,162.852	3,773.36	51.2	61,162.852		0.7	-2.35
41	7770,29738	4609,724829		82	A	02186A08a	STWO	7770,29738	4235,327122		A08a	02186A08a	STWO	44	46	2	-3	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
46	7842,881944	4023,714118		53	A	02186A08b	STWO	7842,881944	4180,765658		A08b	02186A08b	STWO	46	47	1	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
46	5963,333333	3164,09		1	K	02194K24a	EGWO	5963,333333			K24a	02194K24a	EGWO	49	49	0	-3	46.8	61,162.852	3,773.36	51.2	61,162.852		0.7	-2.35
49	6961,378933	2779,562122		71	K	02194K24a	STWO	6961,378933	3903,118494		K24a	02194K24a	STWO	45	45	0	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
44	6116,12754	3843,750608		204	K	02194K25a	STWO	6116,12754	4162,06203		K25a	02194K25a	STWO	37	35	-2	7	42.4	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	5.45
49	6269,12656	4271,3283		4	K	02194K26a	EGWO	6269,12656	3605,604591		K26a	02194K26a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6501,801206	2935,040759		44	K	02194K26a	STWO	6489,247695	3817,601269		K26a	02194K26a	STWO	39	40	1	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	6143,566483	2701,899775		67	K	02194K53b	STWO	6133,60736	3650,045153		K53b	02194K53b	STWO	40	40	0	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	6356,714844	2785,260892		61	K	02194K54a	STWO	6336,584189	3741,101976		K54a	02194K54a	STWO	40	41	1	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	7308,894685	2893,408515		113	K	02216K52a	STWO	7308,894685	3909,276363		K52a	02216K52a	STWO	47	47	0	2	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
49	7326,511611	2873,738422		90	K	02216K52b	STWO	7326,511611	3908,726905		K52b	02216K52b	STWO	47	46	-1	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	7025,785329	3518,514152		182	K	02216K53a	STWO	7025,785329	4077,143172		K53a	02216K53a	STWO	42	42	0	7	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
49	6718,703813	3237,657316		76	K	02216K53b	STWO	6718,703813	3925,406273		K53b	02216K53b	STWO	41	41	0	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
	7704,918033	4459,9482		1	A	02224A03e	EGWO	7704,918033	3596,694088		A03e	02224A03e	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
42	7869,433312	4612,93605		10	A	02224A03e	STWO	7869,433312	4321,959676		A03e	02224A03e	STWO	44	44	0	-2	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	7628,43518	3158,110638		30	E	02232E21b	STWO	7628,43518	4131,592589		E21b	02232E21b	STWO	46	46	0	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
44	5523,792477	3103,100338		5	K	02232K23c	EGWO	5523,792477	2831,743211		K23c	02232K23c	EGWO		49			42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
26	5164,868953	3792,362031		30	K	02232K23c	STWO	5164,868953	3557,173306		K23c	02232K23c	STWO	38	31	-7	-12	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-5.9	-10.15
49	7307,557511	3719,14534		194	K	02232K45a	STWO	7307,557511	4175,642884		K45a	02232K45a	STWO	42	43	1	7	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
49	7603,063922	3230,432447		6	K	02232K45b	EGWO	7603,063922	3360,449114		K45b	02232K45b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6528,859895	2939,521066		31	K	02232K45b	STWO	6528,859895	3818,142395		K45b	02232K45b	STWO	40	41	1	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
	7361,867704	2311,6361		1	K	02232K46b	EGWO	7361,867704			K46b	02232K46b	EGWO						61,162.852	3,773.36	51.2	61,162.852			
49	7746,89346	3013,025206		33	K	02232K46b	STWO	7746,89346	4142,273576		K46b	02232K46b	STWO	48	48	0	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7379,281099	3103,087797		90	K	02232K46c	STWO	7379,281099	4073,368643		K46c	02232K46c	STWO	46	45	-1	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	6575,012044	3198,062989		12	K	02232K48a	STWO	6575,012044	3944,294532		K48a	02232K48a	STWO	43	40	-3	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	5.45
47	6372,460659	3166,447019		35	K	02232K48d	STWO	6372,460659	3888,255507		K48d	02232K48d	STWO	41	39	-2	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	5849,111854	2721,12649		122	K	02232K90d	EGWO	5849,111854	2758,2616		K90d	02232K90d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
40	5961,256548	2783,239498		121	K	02232K90d	STWO	5961,256548	3731,424726		K90d	02232K90d	STWO	35	36	1	5	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
49	6447,614149	2851,961449		19	K	02232K90i	EGWO	6447,614149	2768,953301		K90i	02232K90i	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
43	6504,237318	3667,635989		50	K	02232K90i	STWO	6504,237318	3961,634645		K90i	02232K90i	STWO	42	40	-2	1	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
	7963,369963	3524,925142		3	K	02232K90j	EGWO	7963,369963	3580,927513		K90j	02232K90j	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	8272,492482	3782,284713		2	A	02240A03d	EGWO	8272,492482	3319,334886		A03d	02240A03d	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
47	7340,153596	3904,936898		11	A	02240A03d	STWO	7340,153596	4070,815345		A03d	02240A03d	STWO	43	44	1	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
	5729,166667			1	E	02267E39a	EGWO	5729,166667			E39a	02267E39a	EGWO						61,162.852		51.2	61,162.852			
27	4441,072362	3710,630481	[redacted]	58	E	02267E39a	STWO	4441,072362	3581,079248	[redacted]	E39a	02267E39a	STWO	19	20	1	8	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35

38	4440,898345	2749,485154	[redacted]	6	N	02275N65c	EGWO	4440,898345	2615,384903	[redacted]	N65c	02275N65c	EGWO	30	41	11	8	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	9.35
32	4522,949727	3076,255126		18	N	02283N62a	EGWO	4522,949727	2920,595258		N62a	02283N62a	EGWO	31	35	4	1	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
49	6831,777768	3093,839981		39	M	02305M28a	STWO	6831,777768	3924,713169		M28a	02305M28a	STWO	42	42	0	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	6878,546121	3408,633012		85	K	02313K44a	STWO	6878,546121	4025,951508		K44a	02313K44a	STWO	41	42	1	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	6772,97621	3218,321267		15	K	02313K44b	STWO	6772,97621	4007,443133		K44b	02313K44b	STWO	41	41	0	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
32	4535,285285	3089,21017		36	F	02321F89b	EGWO	4535,285285	2816,442541		F89b	02321F89b	EGWO	30	38	8	2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
12	4668,01355	4310,038053		24	F	02321F89b	STWO	4668,01355	3803,661093		F89b	02321F89b	STWO	17	18	1	-5	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
28	4571,589741	3410,052379		18	N	02364N65b	EGWO	4571,589741	3306,931509		N65b	02364N65b	EGWO	23	31	8	5	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
43	7924,758322	3957,189781		5	A	02402A06l	EGWO	7924,758322	3613,338904		A06l	02402A06l	EGWO	49	49	0	-6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
45	8268,222716	4607,079404		150	A	02402A06l	STWO	8268,222716	4414,134816		A06l	02402A06l	STWO	46	46	0	-1	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-2.35
42	4513,864707	2620,566606		13	F	02429F77d	EGWO	4513,864707	2533,495637		F77d	02429F77d	EGWO	36	44	8	6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
44	5560,259018	3127,658919		92	E	02437E37g	STWO	5560,259018	3815,984342		E37g	02437E37g	STWO	32	31	-1	12	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	13.25
35	5379,535673	3966,006723		133	A	02453A04g	STWO	5379,535673	3764,396309		A04g	02453A04g	STWO	32	34	2	3	33.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	1.55
45	8510,426517	4628,898286		40	A	02453A08d	STWO	8510,426517	4303,69463		A08d	02453A08d	STWO	47	48	1	-2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
28	4199,007565	3122,287454		15	F	02488F77f	EGWO	4199,007565	2844,4602		F77f	02488F77f	EGWO	24	33	9	4	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
31	4569,337205	3156,539695		11	N	02518N65b	EGWO	4569,337205	2976,948119		N65b	02518N65b	EGWO	28	35	7	3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
49	10273,86135	2634,770894		5	K	02526K49e	EGWO	10273,86135	3527,600379		K49e	02526K49e	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7369,045286	2625,495471		24	K	02526K49e	STWO	7369,045286	3922,450272		K49e	02526K49e	STWO	49	48	-1	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
27	3910,174881	3029,734706		34	F	02542F89b	EGWO	3910,174881	2722,433223		F89b	02542F89b	EGWO	28	33	5	-1	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-2.35
49	7067,196145	3421,403269		151	E	02550E43b	STWO	7067,196145	4092,353818		E43b	02550E43b	STWO	41	42	1	8	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
27	4045,045045	3042,445257		30	F	02569F89b	EGWO	4045,045045	2759,270687		F89b	02569F89b	EGWO	29	33	4	-2	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
33	5255,579869	3544,221553		8	F	02577F76a	EGWO	5255,579869	3051,523876		F76a	02577F76a	EGWO	32	41	9	1	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
49	9951,729323	2845,449943		4	K	02585K59a	EGWO	9951,729323	3640,627121		K59a	02585K59a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
36	5776,875185	3693,956857		19	K	02585K59a	STWO	5776,875185	3552,643851		K59a	02585K59a	STWO	39	38	-1	-3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
49	6882,335463	4064,233902		37	E	02607E16a	STWO	6882,335463	3906,700019		E16a	02607E16a	STWO	40	41	1	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
27	3909,849569	2848,488434		24	F	02615F77c	EGWO	3909,849569	2580,567407		F77c	02615F77c	EGWO	28	34	6	-1	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-2.35
11	3857,350354	3713,26271		139	F	02615F77c	STWO	3857,350354	3366,075932		F77c	02615F77c	STWO	9	13	4	2	11.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	1.55
27	4063,353473	2976,092524		48	F	02623F78d	EGWO	4063,353473	2708,301649		F78d	02623F78d	EGWO	24	33	9	3	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
49	11748,97464	3227,150606		4	K	02631K49a	EGWO	11748,97464			K49a	02631K49a	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852			
49	12176,2326	3051,921779		28	K	02631K49b	EGWO	12176,2326	3878,305575		K49b	02631K49b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7216,670173	2614,601413		76	K	02631K49b	STWO	7216,670173	3888,294249		K49b	02631K49b	STWO	48	46	-2	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	10463,37769	3087,1077		2	K	02631K49c	EGWO	10463,37769			K49c	02631K49c	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852			
49	9634,320911	2351,02065		4	K	02631K49d	EGWO	9634,320911			K49d	02631K49d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852		0.7	1.55
49	6948,791713	2625,692233		73	K	02631K49d	STWO	6948,791713	3820,62109		K49d	02631K49d	STWO	48	43	-5	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-5.9	1.55
45	5581,233213	3089,532129		45	M	02666M56c	STWO	5581,233213	3681,615611		M56c	02666M56c	STWO	34	38	4	11	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
37	5006,598669	3163,262758		12	N	02674N67a	EGWO	5006,598669	2969,179273		N67a	02674N67a	EGWO	33	41	8	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
49	5516,528926	2364,7675		1	M	02704M56b	EGWO	5516,528926	2349,038302		M56b	02704M56b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6702,271246	2722,557667		20	M	02704M56b	STWO	6702,271246	3789,489744		M56b	02704M56b	STWO	43	43	0	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	6513,300213	2763,522621		56	M	02704M56c	STWO	6513,300213	3748,547596		M56c	02704M56c	STWO	40	38	-2	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
49	15995,5037	4586,195044		85	M	02712M56c	STWO	15995,5037	6159,029968		M56c	02712M56c	STWO	39	41	2	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
49	7669,215312	3856,137645		27	M	02720M56b	EGWO	7669,215312	3413,645424		M56b	02720M56b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6607,233472	2727,760696		93	M	02720M56b	STWO	6607,233472	3766,749168		M56b	02720M56b	STWO	42	43	1	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	8108,847198	4346,801331		5	K	02739K91c	EGWO	8108,847198	4429,036797		K91c	02739K91c	EGWO	48	49	1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
5	4110,305995	4293,679583		48	F	02747F76b	STWO	4110,305995	3699,029809		F76b	02747F76b	STWO	8	11	3	-3	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
49	6910,889846	2719,462363		17	K	02755K90a	EGWO	6910,889846	2837,876415		K90a	02755K90a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
33	5177,203183	3437,557206		170	K	02755K90a	STWO	5177,203183	3507,285851		K90a	02755K90a	STWO	34	32	-2	-1	33.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	-2.35
49	5358,226804	2500,103771		4	K	02755K90i	EGWO	5358,226804	2382,561231		K90i	02755K90i	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
44	6013,403361	3339,047438		56	K	02755K90i	STWO	6013,403361	3702,306202		K90i	02755K90i	STWO	37	39	2	7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
33	4693,604394	3158,521458		125	K	02755K91b	STWO	4693,604394	3371,803988		K91b	02755K91b	STWO	33	31	-2	0	33.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	1.55
49	6864,443616	3275,443993		205	K	02798K48f	STWO	6864,443616	3997,211013		K48f	02798K48f	STWO	44	42	-2	5	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	5.45
34	5633,345007	3695,111202		18	N	02801N65b	EGWO	5633,345007	3495,240362		N65b	02801N65b	EGWO	28	38	10	6	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
30	4519,707207	3150,982123		24	F	02828F89b	EGWO	4519,707207	2888,481402		F89b	02828F89b	EGWO	28	36	8	2	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
12	4779,922907	4383,903545		23	F	02828F89b	STWO	4779,922907	3848,52694		F89b	02828F89b	STWO	18	19	1	-6	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
33	4568,211573	3000,882883		14	F	02879F77f	EGWO	4430,965583	2762,401565		F77f	02879F77f	EGWO	25	36	11	8	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	9.35
36	4428,707986	2811,41126		40	F	02895F76a	EGWO	4408,903891	2624,390614		F76a	02895F76a	EGWO	32	40	8	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
30	4381,240188	3048,385592		10	F	02917F77a	EGWO	4381,240188	2740,340131		F77a	02917F77a	EGWO	27	37	10	3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
12	3810,218978	2185,76		1	F	02917F77a	STWO	3810,218978	3062,002291		F77a	02917F77a	STWO	12	16	4	0	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
49	6748,809036	2958,320503		9	E	02925E43a	STWO	6748,809036	3867,453315		E43a	02925E43a	STWO	43	43	0	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	6244,99828	2517,539842		12	E	02925E43b	STWO	6244,99828	3645,751644		E43b	02925E43b	STWO	43	41	-2	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
25	5532,687794	4262,507009		109	K	02933K90a	STWO	5532,687794	3878,901063		K90a	02933K90a	STWO	33	28	-5	-8	24.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-5.9	-6.25
35	5803,371926	3998,095831		54	E	02941E13d	STWO	5803,371926	3782,548323		E13d	02941E13d	STWO	31	32	1	4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
30	4819,884795	3433,196614		107	K	02968K90d	STWO	4819,884795	3514,380807		K90d	02968K90d	STWO	28	27	-1	2	29.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	1.55
34	5308,089283	3460,670603		6	N	02992N67a	EGWO	5308,089283	3247,659606		N67a	02992N67a	EGWO	34	39	5	0	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
31	4451,767399	3062,748489		28	N	02992N67a	STWO	4451,767399	3493,355238		N67a	02992N67a	STWO	19	21	2	12	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	13.25
38	6825,280405	3801,958689		606	F	03034F86b	STWO	6825,280405	3833,2049		F86b	03034F86b	STWO		26			38	61,162.852	3,773.36	653.6	61,162.852	4,711.837		
43	3433,13832	2283,464821		8	F	03042F77b	EGWO	3433,13832	2028,420366		F77b	03042F77b	EGWO	38	45	7	5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
18	4401,179487	2615,324098		2	F	03042F77b	STWO	4401,179487	3270,475046		F77b	03042F77b	STWO	16	20	4	2	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
43	5533,179256	3031,991504		6	N	03050N60c	EGWO	5533,179256	2959,347264		N60c	03050N60c	EGWO	38	44	6	5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
35	13531,01066	4173,656483		119	N	03050N60c	STWO	13531,01066	5435,118037		N60c	03050N60c	STWO	20	23	3	15	33.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	13.25
45	6980,599647	3853,322736		6	N	03077N62b	EGWO	6980,599647	3873,192765		N62b	03077N62b	EGWO	40	44	4	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
45	5664,652406	2981,252944		48	M	03085M56c	STWO	5664,652406	3659,330305		M56c	03085M56c	STWO	34	38	4	11	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
38	5667,143928	3558,334813		10	N	03093N60b	EGWO	5667,143928	3493,898049		N60b	03093N60b	EGWO	33	40	7	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
41	5088,167032	2975,215395		8	N	03093N60b	STWO	5088,167032	3517,840245		N60b	03093N60b	STWO	28	30	2	13	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	13.25
38	4695,241122	2715,283458		6	N	03093N60c	EGWO	4695,241122	2605,726625		N60c	03093N60c	EGWO	38	44	6	0	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
37	4897,021815	3062,516196		27	N	03093N60c	STWO	4897,021815	3576,837803		N60c	03093N60c	STWO	21	24	3	16	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	17.15
38	8056	3042,677453		1	A	03115A05c	EGWO	8056	3032,509115		A05c	03115A05c	EGWO	43	49	6	-5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-6.25
44	7784,732887	4184,940205		8	A	03115A05c	STWO	7784,732887	4412,661503		A05c	03115A05c	STWO	44	45	1	0	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
46	6418,633275	3431,749503		215	E	03131E43a	STWO	6418,633275	3994,84038		E43a	03131E43a	STWO	37	38	1	9	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	9.35
49	6057,324841			1	E	03131E75a	EGWO	6057,324841			E75a	03131E75a	EGWO	49	49	0	0	46.8	61,162.852		51.2	61,162.852		0.7	1.55
44	6474,747853	3996,555302		46	E	03131E75a	STWO	6474,747853	3911,866673		E75a	03131E75a	STWO	37	39	2	7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
47	6666,254633	3537,801264		117	E	03131E75c	STWO	6666,254633	3985,645995		E75c	03131E75c	STWO	38	40	2	9	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	9.35
49	6891,846013	3496,602159		87	K	03158K45b	STWO	6891,846013	4001,181918		K45b	03158K45b	STWO	41	41	0	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	9786,096636	2433,895407		11	K	03174K49b	EGWO	9786,096636	3290,18343		K49b	03174K49b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55

49	7881,490157	2979,163118	[redacted]	3	K	03174K49b	STWO	7881,490157	4063,048544	[redacted]	K49b	03174K49b	STWO	47	47	0	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	9646,159614	2476,235536		9	K	03182K49b	EGWO	9646,159614	3462,547729		K49b	03182K49b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6992,382063	2381,46455		6	K	03182K49b	STWO	6992,382063	3788,845717		K49b	03182K49b	STWO	47	47	0	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
26	4150,15712	3130,364375		48	K	03190K90c	STWO	4150,15712	3170,374726		K90c	03190K90c	STWO	27	27	0	-1	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
9	3665,776685	3378,245305		100	F	03204F82c	STWO	3665,776685	3183,184647		F82c	03204F82c	STWO	16	13	-3	-7	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-6.25
18	4031,346375	3450,730719		196	F	03204F82d	STWO	4031,346375	3133,356518		F82d	03204F82d	STWO	17	19	2	1	16	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	1.55
44	6028,21131	3070,688338		79	E	03239E37c	STWO	6028,21131	3878,171348		E37c	03239E37c	STWO	35	35	0	9	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
48	6964,064824	3616,921828		96	E	03247E42a	STWO	6964,064824	4158,300245		E42a	03247E42a	STWO	40	40	0	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
44	5264,243288	2961,776131		60	F	03255F85b	EGWO	5264,243288	2738,260018		F85b	03255F85b	EGWO	41	48	7	3	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
40	7510,21159	4635,54133		10	A	03271A03e	STWO	7510,21159	4242,683911		A03e	03271A03e	STWO	43	43	0	-3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
6	4241,0321	4209,137449		44	N	03301N68c	STWO	4241,0321	3623,108779		N68c	03301N68c	STWO	11	14	3	-5	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
46	6448,039115	3489,523674		117	F	03328E42a	STWO	6448,039115	4042,938941		E42a	03328E42a	STWO	36	37	1	10	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
47	4421,219778	2357,902179		18	N	03344N68d	EGWO	4421,219778	2342,168338		N68d	03344N68d	EGWO	42	47	5	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
46	6773,504975	3527,017447		178	M	03352M31b	STWO	6773,504975	4114,917067		M31b	03352M31b	STWO	38	39	1	8	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
	8409,448819	4055,5266		1	K	03379K47j	EGWO	8409,448819	3701,378903		K47j	03379K47j	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	8440,604155	3437,351909		152	K	03379K47j	STWO	8440,604155	4431,89221		K47j	03379K47j	STWO	48	46	-2	1	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	1.55
24	3788,48828	2891,958999		22	F	03387F81e	EGWO	3788,48828	2558,239965		F81e	03387F81e	EGWO	27	32	5	-3	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-2.35
30	3805,113355	2635,187715		18	F	03409F83a	EGWO	3805,113355	2364,90479		F83a	03409F83a	EGWO	30	38	8	0	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
49	13418,63469	4484,103587		198	M	03417M31a	STWO	13418,63469	5639,881717		M31a	03417M31a	STWO	40	40	0	9	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
47	4505,722446	2385,180218		25	N	03433N70a	EGWO	4505,722446	2377,542861		N70a	03433N70a	EGWO	40	47	7	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
16	4867,662406	3750,232546		46	N	03433N70a	STWO	4867,662406	3463,800241		N70a	03433N70a	STWO	15	19	4	1	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
49	9867,628189	3255,004029		7	K	03441K47d	EGWO	9867,628189	3548,477598		K47d	03441K47d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	8431,685991	2845,596659		34	K	03441K47d	STWO	8431,685991	4096,563338		K47d	03441K47d	STWO					46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	10523,58639	2592,452889		5	K	03441K47e	EGWO	10523,58639	3593,675037		K47e	03441K47e	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	8191,1023	2843,30877		47	K	03441K47e	STWO	8191,1023	4078,712358		K47e	03441K47e	STWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6961,775262	3566,458385		78	E	03468E13a	STWO	6961,775262	3977,679571		E13a	03468E13a	STWO	44	42	-2	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
44	6548,962845	3646,469208		192	E	03476E13a	STWO	6548,962845	4039,470849		E13a	03476E13a	STWO	40	37	-3	4	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-3.7	5.45
47	4543,010104	2401,74152		12	N	03484N70a	EGWO	4543,010104	2422,659079		N70a	03484N70a	EGWO	39	47	8	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	9.35
25	6846,328187	5155,490228		29	A	03492A00c	STWO	6846,328187	4265,917753		A00c	03492A00c	STWO	38	37	-1	-13	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-14.05
49	7082,692308	2966,267384		6	K	03522K52g	EGWO	7082,692308	3123,020051		K52g	03522K52g	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
44	4169,678369	2323,353716		22	F	03530F82d	EGWO	4169,678369	2235,7958		F82d	03530F82d	EGWO	37	46	9	7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
45	6509,044659	3561,091681		163	E	03573E42a	STWO	6509,044659	4096,057423		E42a	03573E42a	STWO	37	38	1	8	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
49	7665,755277	2940,616255		29	K	03603K47f	STWO	7665,755277	4079,581507		K47f	03603K47f	STWO	46	47	1	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
35	4446,969697	2975,68003		4	F	03611F78a	EGWO	4446,969697	2676,761011		F78a	03611F78a	EGWO	34	40	6	1	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
48	4687,822497	2455,36638		17	N	03654N69a	EGWO	4687,822497	2489,580725		N69a	03654N69a	EGWO	39	47	8	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	9.35
45	6284,027654	3370,866872		123	M	03689M32b	STWO	6267,778046	3823,081048		M32b	03689M32b	STWO	35	36	1	10	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
28	5508,258806	4468,7051		13	M	03697M31c	STWO	5508,258806	3971,645072		M31c	03697M31c	STWO	28	30	2	0	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
35	4757,181803	3067,706667		9	K	03735K90d	STWO	4757,181803	3469,577023		K90d	03735K90d	STWO	30	31	1	5	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	5166,108631	2798,065		2	N	03751N64d	STWO	5166,108631	3650,233852		N64d	03751N64d	STWO	33	31	-2	16	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	17.15
43	4900,416791	2812,805835		13	N	03751N68c	EGWO	4900,416791	2675,539258		N68c	03751N68c	EGWO	43	45	2	0	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
16	4094,894678	3486,816725		328	N	03751N68c	STWO	4094,894678	3439,55153		N68c	03751N68c	STWO	13	16	3	3	16	61,162.852	3,773.36	352.4	61,162.852	4,711.837	2.9	1.55
39	4660,484513	2834,741425		35	N	03751N68d	EGWO	4660,484513	2439,189323		N68d	03751N68d	EGWO	39	46	7	0	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
49	7440,369937	2818,543322		84	K	03778K49a	STWO	7440,369937	3967,512009		K49a	03778K49a	STWO	47	46	-1	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	7186,775939	2639,075596		65	K	03778K49b	STWO	7186,775939	3890,227058		K49b	03778K49b	STWO	49	46	-3	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	1.55
49	7421,175562	2775,197573		33	K	03778K49d	STWO	7421,175562	4023,98593		K49d	03778K49d	STWO	48	47	-1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	7171,208111	2827,963349		60	K	03778K49e	STWO	7171,208111	3954,169057		K49e	03778K49e	STWO	47	45	-2	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	7163,034039	2576,9012		69	K	03778K49f	STWO	7163,034039	3866,415267		K49f	03778K49f	STWO	48	46	-2	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
35	5757,044742	3740,775019		116	K	03778K59a	STWO	5757,044742	3639,644525		K59a	03778K59a	STWO	38	37	-1	-3	33.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	-2.35
29	7381,828679	5228,993105		6	A	03786A01g	STWO	7381,828679	4318,897028		A01g	03786A01g	STWO		41			29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
	9304,717473			5	A	03794A01g	EGWO	9304,717473			A01g	03794A01g	EGWO						61,162.852		51.2	61,162.852			
29	8098,031215	5710,990704		103	A	03794A01g	STWO	8098,031215	4728,445824		A01g	03794A01g	STWO		41			29.2	61,162.852	7,085.2	151.6	61,162.852	4,711.837		
38	5525,61189	3404,847863		15	N	03808N60a	STWO	5525,61189	3822,342598		N60a	03808N60a	STWO	28	31	3	10	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
40	5212,677456	3202,855803		10	N	03832N63a	EGWO	5212,677456	3177,607403		N63a	03832N63a	EGWO	32	40	8	8	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	9.35
46	6719,15071	3603,490625		25	E	03875E18b	STWO	6719,15071	4066,933665		E18b	03875E18b	STWO	40	39	-1	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	7414,459185	3518,084954		18	E	03883E18a	STWO	7414,459185	4186,385889		E18a	03883E18a	STWO	44	43	-1	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
48	6697,608199	3224,137948		30	E	03883E18b	STWO	6697,608199	3970,953569		E18b	03883E18b	STWO	41	41	0	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	7350,085343	3621,100287		22	E	03891E18b	EGWO	7337,53036	3172,374158		E18b	03891E18b	EGWO	47	49	2	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
49	6962,396056	3515,180824		185	E	03891E18b	STWO	6962,396056	4093,486416		E18b	03891E18b	STWO	42	41	-1	7	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
38	6344,429311	4675,499198		35	M	03956M30a	STWO	6344,429311	4126,709375		M30a	03956M30a	STWO	32	35	3	6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
19	4254,450794	3417,953121		34	N	03964N69k	STWO	4254,450794	3388,879838		N69k	03964N69k	STWO	20	20	0	-1	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
46	7094,348122	3736,969085		24	M	03972M31b	STWO	7094,348122	4405,593652		M31b	03972M31b	STWO	38	38	0	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	6996,625276	3222,651412		109	K	03980K44b	STWO	6996,625276	4017,576941		K44b	03980K44b	STWO	42	42	0	7	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
49	7029,400364	3525,975883		168	E	03999E14d	STWO	7029,400364	4205,524123		E14d	03999E14d	STWO	39	40	1	10	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
49	7464,997847	3475,292258		29	E	03999E14e	STWO	7464,997847	4215,945025		E14e	03999E14e	STWO	43	44	1	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
46	5083,055882	2764,312452		7	N	04014N60b	EGWO	5083,055882	2677,745715		N60b	04014N60b	EGWO	40	47	7	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
39	4932,2795	3007,513205		11	N	04014N60b	STWO	4932,2795	3536,317359		N60b	04014N60b	STWO	27	28	1	12	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
41	7672,066734	4557,487563		48	A	04022A02c	STWO	7672,066734	4349,426217		A02c	04022A02c	STWO	45	43	-2	-4	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
7	3176,418201	2980,818453		80	N	04030N66f	STWO	3176,418201	2922,140623		N66f	04030N66f	STWO	7	8	1	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
47	8567,539533	4498,223755		11	A	04049A02b	EGWO	8567,539533	3837,65737		A02b	04049A02b	EGWO	49	49	0	-2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
47	6178,403756			1	A	04049A02b	STWO	6178,403756			A02b	04049A02b	STWO	49	47	-2	-2	46.8	61,162.852		51.2	61,162.852		-1.5	-2.35
49	6440,666841	3254,068651		43	K	04065K53a	STWO	6440,666841	3857,492614		K53a	04065K53a	STWO	40	39	-1	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
34	5395,659722	3037,960674		16	N	04073N62a	EGWO	5395,659722	2945,170001		N62a	04073N62a	EGWO	32	37	5	2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
30	4124,466548	2889,30121		27	F	04081F78b	EGWO	4124,466548	2642,331549		F78b	04081F78b	EGWO	27	36	9	3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
49	6725,093959	3362,045405		31	K	04103K48a	STWO	6725,093959	4057,669022		K48a	04103K48a	STWO	42	40	-2	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
35	4379,831623	2415,9525		8	F	04111F77c	EGWO	4379,831623	2400,805448		F77c	04111F77c	EGWO	34	41	7	1	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
19	3906,372396	2897,959956		59	F	04111F77c	STWO	3906,372396	3121,891128		F77c	04111F77c	STWO	16	19	3	3	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
49	11811,07448	3214,332532		5	K	04138K49a	EGWO	11811,07448			K49a	04138K49a	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852			
49	7775,664874	2744,505419		18	K	04138K49a	STWO	7775,664874	3974,00258		K49a	04138K49a	STWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7033,379657	3300,674989		68	K	04146K54d	STWO	7033,379657	4031,505957		K54d	04146K54d	STWO	43	43	0	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	7021,172839	3375,338065		38	K	04154K48a	STWO	7021,172839	4101,53021		K48a	04154K48a	STWO	44	42	-2	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	6898,287015	3259,145074		59	K	04162K48a	STWO	6898,287015	4017,42143		K48a	04162K48a	STWO	44	42	-2	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
40	5765,475812	4296,551778		48	M	04170M56c	STWO	5765,475812	3922,090434		M56c	04170M56c	STWO	31	33	2	9	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
37	4482,194507	2811,546867		26	F	04189F76a	EGWO	4482,194507	2650,252339		F76a	04189F76a	EGWO	32	41	9	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45

41	7076,923077	3236,934709	[redacted]	1	M	04197M55h	STWO	7076,923077	3938,413772	[redacted]	M55h	04197M55h	STWO	31	34	3	10	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
49	6386,640286	3357,489096		11	M	04200M55d	EGWO	6386,640286	3037,654458		M55d	04200M55d	EGWO	46	49	3	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
46	6753,788506	3704,588053		49	M	04200M55d	STWO	6753,788506	3964,866928		M55d	04200M55d	STWO	38	38	0	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
45	6956,065412	3834,904731		519	E	04227E37d	STWO	6956,065412	4210,273338		E37d	04227E37d	STWO	40	39	-1	5	46.8	61,162.852	3,773.36	553.2	61,162.852	4,711.837	-1.5	5.45
49	7676,911223	3707,87		4	E	04227E37g	EGWO	7676,911223	4498,152497		E37g	04227E37g	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6406,632836	3157,685424		110	E	04227E37g	STWO	6406,632836	3973,154331		E37g	04227E37g	STWO	38	38	0	11	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
49	6452,794359	2736,602434		195	E	04227E40b	STWO	6452,794359	3800,106316		E40b	04227E40b	STWO	40	41	1	9	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
32	4926,487652	3353,34061		14	N	04235N65b	EGWO	4926,487652	3254,920695		N65b	04235N65b	EGWO	26	34	8	6	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
35	7210,30019	4188,058475		3	A	04243A00c	EGWO	7210,30019	2860,257821		A00c	04243A00c	EGWO	44	49	5	-9	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-10.15
35	6455,26483	4223,860941		27	A	04243A00c	STWO	6455,26483	3990,654509		A00c	04243A00c	STWO	39	38	-1	-4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
40	6399,866554	3612,78852		9	A	04251A00c	EGWO	6399,866554	2996,662202		A00c	04251A00c	EGWO	44	49	5	-4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-2.35
30	6451,73218	4542,154962		28	A	04251A00c	STWO	6451,73218	3963,876299		A00c	04251A00c	STWO	38	38	0	-8	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
49	6352,022902	2810,434161		12	K	04286K52g	EGWO	6352,022902	2908,865033		K52g	04286K52g	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
45	7692,156863	4303,905761		2	K	04286K52h	STWO	7692,156863	4213,427191		K52h	04286K52h	STWO	43	42	-1	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
44	6835,496976	3820,408931		48	M	04294M28c	STWO	6835,496976	4090,622576		M28c	04294M28c	STWO	41	40	-1	3	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
47	7591,829181	3744,592221		32	M	04294M28d	STWO	7591,829181	4337,146576		M28d	04294M28d	STWO	43	43	0	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	7277,2327	3578,419189		24	M	04308M28c	STWO	7277,2327	4099,050941		M28c	04308M28c	STWO	43	42	-1	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
47	7073,956087	3550,627843		25	M	04308M28d	STWO	7073,956087	4184,982648		M28d	04308M28d	STWO	41	41	0	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	7692,526231	4002,41125		2	A	04316A03g	EGWO	7692,526231	3245,005123		A03g	04316A03g	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
43	7347,261454	4727,848853		50	A	04316A03g	STWO	7347,261454	4354,229262		A03g	04316A03g	STWO	46	44	-2	-3	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
21	5605,570232	4954,156634		32	A	04359A00b	STWO	5605,570232	3888,054604		A00b	04359A00b	STWO	36	31	-5	-15	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-5.9	-14.05
44	3730	2205,439393		3	N	04383N70b	EGWO	3730	1993,550488		N70b	04383N70b	EGWO	38	46	8	6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
27	5265,415236	3818,137967		67	N	04383N70b	STWO	5265,415236	4112,37787		N70b	04383N70b	STWO	18	20	2	9	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
49	8288,817903	5011,921289		4	A	04391A05d	EGWO	8288,817903	3936,489794		A05d	04391A05d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
41	6982,850235	4174,506314		61	A	04391A05d	STWO	6982,850235	4157,499502		A05d	04391A05d	STWO	41	40	-1	0	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
30	4025,938622	2800,251299		33	F	04405F77f	EGWO	4025,938622	2557,104361		F77f	04405F77f	EGWO	28	36	8	2	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
49	6977,731206	2888,046159		253	K	04413K52c	STWO	6977,731206	3883,70782		K52c	04413K52c	STWO	44	44	0	5	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	5.45
7	3454,18696	3321,434276		233	T	04421T93d	STWO	3454,18696	3094,822934		T93d	04421T93d	STWO	8	11	3	-1	7.2	61,162.852	3,773.36	252	61,162.852	4,711.837	2.9	-2.35
34	3654,703927	2415,232674		16	T	04421T93j	STWO	3654,703927	3073,699132		T93j	04421T93j	STWO	16	16	0	18	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	17.15
15	3409,344084	3092,515564		395	T	04421T94b	STWO	3409,344084	3125,083953		T94b	04421T94b	STWO	8	9	1	7	16	61,162.852	3,773.36	352.4	61,162.852	4,711.837	0.7	5.45
28	3242,704016	2325,528387		30	T	04421T94i	EGWO	3242,704016	2104,44438		T94i	04421T94i	EGWO	24	35	11	4	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
20	4302,045103	3776,615805		6	T	04421T94j	EGWO	4302,045103	2694,24749		T94j	04421T94j	EGWO	26	37	11	-6	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	-6.25
	643697,8032	4144,389919		815	T	04499T93e	STWO	643697,8032	3546,817575		T93e	04499T93e	STWO	5					665,405.234	3,773.36	854.4	665,405.234	4,711.837		
49	7336,796903	3436,936288		168	E	04502E17a	STWO	7329,342028	4126,967292		E17a	04502E17a	STWO	44	44	0	5	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
49	7532,415406	3321,901578		158	E	04502E18a	STWO	7532,415406	4087,583192		E18a	04502E18a	STWO	46	46	0	3	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
48	7204,771089	3724,178646		116	E	04502E18b	STWO	7179,481437	4071,687189		E18b	04502E18b	STWO	42	42	0	6	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
46	7669,07975	4274,452861		73	E	04502E19a	STWO	7669,07975	4305,575814		E19a	04502E19a	STWO	44	43	-1	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
36	4611,111111			1	E	04502E19b	STWO	4611,111111			E19b	04502E19b	STWO	33	36	3	3	38	61,162.852		51.2	61,162.852		2.9	1.55
49	7068,370202	3107,39714		44	E	04510E17a	STWO	7068,370202	3999,825147		E17a	04510E17a	STWO	45	43	-2	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	6646,308639	3317,295735		393	E	04529E17a	STWO	6646,308639	3967,460416		E17a	04529E17a	STWO	40	40	0	9	46.8	61,162.852	3,773.36	352.4	61,162.852	4,711.837	0.7	9.35
	6372,727273	2600,7917		1	E	04529E19a	EGWO	6372,727273	2761,166597		E19a	04529E19a	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	7674,954089	3763,955056		191	E	04529E19a	STWO	7674,954089	4520,390515		E19a	04529E19a	STWO	41	41	0	8	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
47	6601,090475	3506,779834		11	M	04545M31a	STWO	6601,090475	4064,966834		M31a	04545M31a	STWO	39	40	1	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
48	8094,801523	4854,6826		7	A	04553A04d	EGWO	8094,801523	3890,705406		A04d	04553A04d	EGWO	49	49	0	-1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
30	7187,199378	5165,179216		26	A	04553A04d	STWO	7187,199378	4331,307047		A04d	04553A04d	STWO	38	39	1	-8	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
35	7177,46931	4636,507786		7	A	04561A05b	EGWO	7177,46931	3694,329627		A05b	04561A05b	EGWO	43	49	6	-8	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-6.25
35	7584,863206	4941,494489		45	A	04561A05b	STWO	7584,863206	4342,974803		A05b	04561A05b	STWO	43	43	0	-8	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
38	6632,831569	4269,06195		4	A	04588A05c	EGWO	6632,831569	3219,510509		A05c	04588A05c	EGWO	43	49	6	-5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-6.25
36	7935,40692	5112,421207		21	A	04588A05c	STWO	7935,40692	4500,740081		A05c	04588A05c	STWO	42	43	1	-6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
38	7246,480082	4626,35575		8	A	04596A05c	EGWO	7246,480082	3916,02849		A05c	04596A05c	EGWO	41	46	5	-3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-2.35
38	7814,013377	4791,022859		24	A	04596A05c	STWO	7814,013377	4378,260621		A05c	04596A05c	STWO	42	43	1	-4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
35	6843,272627	4486,278148		9	A	04618A05b	EGWO	6843,272627	3445,38035		A05b	04618A05b	EGWO	45	49	4	-10	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-10.15
40	7531,60101	4504,678624		21	A	04618A05b	STWO	7531,60101	4283,853349		A05b	04618A05b	STWO	44	43	-1	-4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
38	7770,324372	4414,302586		7	A	04626A05b	EGWO	7770,324372	3447,304185		A05b	04626A05b	EGWO	47	49	2	-9	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-10.15
40	7786,22024	4710,132594		31	A	04626A05b	STWO	7786,22024	4311,526752		A05b	04626A05b	STWO	43	43	0	-3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
36	5362,095532	3252,7613		1	A	04650A04b	EGWO	5362,095532			A04b	04650A04b	EGWO	45	49	4	-9	38	61,162.852	3,773.36	51.2	61,162.852		2.9	-10.15
41	6773,003746	4049,586192		99	A	04650A04b	STWO	6773,003746	4033,357059		A04b	04650A04b	STWO	41	42	1	0	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
40	6427,01186	4714,945695		45	M	04669M56c	STWO	6427,01186	4151,33003		M56c	04669M56c	STWO	32	35	3	8	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
33	4972,639857	3440,624827		19	N	04677N60c	EGWO	4972,639857	3435,833071		N60c	04677N60c	EGWO	28	34	6	5	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
33	7074,766355			1	A	04685A01e	EGWO	6005,125113	2416,109921		A01e	04685A01e	EGWO	42	48	6	-9	33.6	61,162.852		51.2	61,162.852	4,711.837	5.1	-10.15
37	6467,098117	4066,66921		10	A	04685A01e	STWO	6467,098117	3935,79446		A01e	04685A01e	STWO	39	39	0	-2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	6246,099323	3140,655339		93	E	04693E38c	STWO	6246,099323	3954,018943		E38c	04693E38c	STWO	37	37	0	12	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
49	7818,399739	3173,297705		9	A	04707A09e	EGWO	7818,399739	3072,552078		A09e	04707A09e	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
26	6365,385189	4726,853863		211	A	04707A09e	STWO	6350,373693	4030,056106		A09e	04707A09e	STWO	34	36	2	-8	24.8	61,162.852	3,773.36	252	61,162.852	4,711.837	2.9	-6.25
49	6930,057652	3118,752925		220	M	04715M27a	STWO	6930,057652	3984,125333		M27a	04715M27a	STWO	43	42	-1	6	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	5.45
49	7128,523113	3501,134575		121	M	04715M28a	STWO	7128,523113	4171,355977		M28a	04715M28a	STWO	41	41	0	8	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
49	9257,142857	5134,193506		1	A	04723A02a	EGWO	9257,142857	4279,16567		A02a	04723A02a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
40	7442,190158	4679,932147		15	A	04723A02a	STWO	7442,190158	4220,877969		A02a	04723A02a	STWO	45	42	-3	-5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-6.25
49	8106,224061	4663,230467		3	A	04723A02b	EGWO	8106,224061	3876,328633		A02b	04723A02b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
43	7221,388948	4151,318257		7	A	04723A02b	STWO	7221,388948	4109,479342		A02b	04723A02b	STWO	46	44	-2	-3	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
37	5378,050403	3418,252311		78	E	04731E39c	STWO	5378,050403	3718,540302		E39c	04731E39c	STWO	28	31	3	9	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
40	4676,02657	2818,73625		8	N	04758N70a	EGWO	4676,02657			N70a	04758N70a	EGWO	39	46	7	1	38	61,162.852		51.2	61,162.852		7.3	1.55
49	5429,426876	2474,280019		16	K	04774K91c	EGWO	5429,426876	2543,96269		K91c	04774K91c	EGWO	48	49	1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
35	5741,525424	3108,9214		1	A	04804A00c	EGWO	5741,525424	2737,019284		A00c	04804A00c	EGWO	44	49	5	-9	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-10.15
34	6942,146976	4572,682206		39	A	04804A00c	STWO	6942,146976	4170,987794		A00c	04804A00c	STWO	40	40	0	-6	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
36	6176,190476	3323,525		2	N	04812N73f	EGWO	6176,190476	3138,510865		N73f	04812N73f	EGWO	38	44	6	-2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-2.35
37	6632,904576	4155,633599		7	N	04812N73g	EGWO	6632,904576	3336,166935		N73g	04812N73g	EGWO	37	45	8	0	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
47	7974,333164	4209,79442		29	A	04820A06c	EGWO	7974,333164	3423,46978		A06c	04820A06c	EGWO	49	49	0	-2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
42	7699,648621	4463,093374		308	A	04820A06c	STWO	7699,648621	4254,619727		A06c	04820A06c	STWO	45	45	0	-3	42.4	61,162.852	3,773.36	352.4	61,162.852	4,711.837	0.7	-2.35
43	7882,595478	4398,809388		10	A	04839A06c	EGWO	7882,595478	3432,080254		A06c	04839A06c	EGWO	49	49	0	-6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
39	7443,934292	4528,291336		306	A	04839A06c	STWO	7443,934292	4250,033923		A06c	04839A06c	STWO	42	42	0	-3	38	61,162.852	3,773.36	352.4	61,162.852	4,711.837	0.7	-2.35
45	6854,432153	3762,825324		16	N	04847N62b	EGWO	6854,432153	3845,43035		N62b	04847N62b	EGWO	34	44	10	11	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
49	6766,265301	3397,422288		187	E	04863E37d	STWO	6766,265301	4121,876567		E37d	04863E37d	STWO	39	39	0	10	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35

38	4008,381171	2240,584955	[redacted]	20	F	04871F78b	EGWO	4008,381171	2199,007622	[redacted]	F78b	04871F78b	EGWO	34	43	9	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
26	3899,576615	2878,33084		20	F	04898F81e	EGWO	3899,576615	2571,560569		F81e	04898F81e	EGWO	29	34	5	-3	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-2.35
26	5052,322109	3487,007097		24	K	04901K90c	STWO	5052,322109	3525,823685		K90c	04901K90c	STWO	31	30	-1	-5	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
	1431,555713			6	K	04928K90e	EGWO	1431,555713			K90e	04928K90e	EGWO						61,162.852		51.2	61,162.852			
35	7655,629139			1	A	04936A00c	EGWO	7655,629139			A00c	04936A00c	EGWO	44	49	5	-9	33.6	61,162.852		51.2	61,162.852		5.1	-10.15
30	6246,732026	4128,659627		2	A	04936A00c	STWO	6246,732026	4244,143974		A00c	04936A00c	STWO	39	38	-1	-9	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
49	6742,357559	3204,907647		76	M	04960M28a	STWO	6742,357559	3957,900272		M28a	04960M28a	STWO	41	41	0	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
32	5345,278945	3961,204395		104	M	04979M32a	STWO	5331,505077	3790,202502		M32a	04979M32a	STWO	29	29	0	3	33.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
42	6790,887675	3635,663135		20	M	04987M32a	STWO	6790,887675	4174,995208		M32a	04987M32a	STWO	38	38	0	4	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
36	4410,615145	3228,34		3	F	04995F76a	EGWO	4410,615145	3131,239097		F76a	04995F76a	EGWO	31	40	9	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
46	6393,617021	2907,678072		1	E	05002E13a	STWO	6393,617021	3701,806133		E13a	05002E13a	STWO	41	38	-3	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	5.45
49	5660,426785	2360,914311		34	K	05010K90d	EGWO	5660,426785	2521,436405		K90d	05010K90d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
35	4845,711831	3139,450715		280	K	05010K90d	STWO	4845,711831	3264,333273		K90d	05010K90d	STWO	28	31	3	7	33.6	61,162.852	3,773.36	252	61,162.852	4,711.837	2.9	5.45
45	5838,713374	3213,473432		66	M	05029M55h	STWO	5838,713374	3791,544796		M55h	05029M55h	STWO	33	35	2	12	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	13.25
49	6620,584544	3211,682721		57	E	05037E43a	STWO	6620,584544	3963,21462		E43a	05037E43a	STWO	40	40	0	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	6782,9082	3266,166001		239	E	05045E43a	STWO	6782,9082	3996,169706		E43a	05045E43a	STWO	41	41	0	8	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	9.35
49	5862,808557	2463,918299		20	K	05053K90c	EGWO	5862,808557	2595,834467		K90c	05053K90c	EGWO	48	49	1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
38	4987,262491	2969,412964		91	M	05061M31c	STWO	4987,262491	3526,246983		M31c	05061M31c	STWO	29	30	1	9	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
38	5105,063349	2969,3519		32	M	05088M31c	STWO	5105,063349	3541,691655		M31c	05088M31c	STWO	30	30	0	8	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
25	6676,023932	5240,043621		8	A	05118A00c	STWO	6676,023932	4163,384298		A00c	05118A00c	STWO	39	38	-1	-14	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-14.05
43	7467,418221	4286,78495		10	A	05126A06k	EGWO	7467,418221	3452,185906		A06k	05126A06k	EGWO	49	49	0	-6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
43	7991,435333	4597,285324		108	A	05126A06k	STWO	7991,435333	4392,260384		A06k	05126A06k	STWO	44	45	1	-1	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-2.35
32	6264,05794	4251,204893		274	E	05150E19b	STWO	6264,05794	3993,69465		E19b	05150E19b	STWO	33	36	3	-1	33.6	61,162.852	3,773.36	252	61,162.852	4,711.837	2.9	-2.35
49	7265,589357	3731,251531		182	E	05150E19c	STWO	7265,589357	4319,620211		E19c	05150E19c	STWO	41	40	-1	8	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	9.35
49	6750	3361,39		1	K	05177K91c	EGWO	6750	3630,634433		K91c	05177K91c	EGWO	48	49	1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
29	5567,176871	3934,572022		22	K	05177K91c	STWO	5567,176871			K91c	05177K91c	STWO	29	27	-2	0	29.2	61,162.852	3,773.36	51.2	61,162.852		-1.5	1.55
49	6769,448414	3014,16844		115	M	05185M33f	EGWO	6769,448414	2887,960447		M33f	05185M33f	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
47	6382,434454	3024,254904		7	M	05185M33f	STWO	6382,434454	3733,879792		M33f	05185M33f	STWO	39	41	2	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
47	6699,84049	3644,416256		156	M	05193M31a	STWO	6691,566742	4043,697253		M31a	05193M31a	STWO	40	40	0	7	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
43	6170,74436	3607,963441		107	K	05215K53b	STWO	6170,74436	3889,057273		K53b	05215K53b	STWO	36	37	1	7	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
49	6654,493128	3262,729201		53	K	05223K53b	STWO	6654,493128	3938,758351		K53b	05223K53b	STWO	40	41	1	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
37	5034,997411	3183,710317		71	E	05231E37c	STWO	5034,997411	3577,427141		E37c	05231E37c	STWO	33	32	-1	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
45	6032,714824	3159,459377		9	E	05231E38c	STWO	6032,714824	3476,458219		E38c	05231E38c	STWO	40	40	0	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
32	5210,103126	3340,950697		41	E	05231E39a	STWO	5210,103126	3528,696147		E39a	05231E39a	STWO	24	24	0	8	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
32	5536,764706	3501,381298		1	E	05231E39c	STWO	5536,764706			E39c	05231E39c	STWO		30			33.6	61,162.852	3,773.36	51.2	61,162.852			
37	6150,443529	3825,725492		771	E	05258E39a	STWO	6150,443529	4312,304399		E39a	05258E39a	STWO	24	24	0	13	38	61,162.852	3,773.36	754	61,162.852	4,711.837	0.7	13.25
39	4810,525651	2748,945		6	E	05266E37c	STWO	4810,525651	3463,161795		E37c	05266E37c	STWO	29	28	-1	10	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
	6339,285714	2392,64		1	E	05266E37e	EGWO	6339,285714	2742,223247		E37e	05266E37e	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	5473,252138	2808,048465		8	E	05266E37e	STWO	5473,252138	3657,853258		E37e	05266E37e	STWO	37	33	-4	12	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	13.25
49	6609,107722	3404,806577		280	E	05266E37f	STWO	6609,107722	4139,732719		E37f	05266E37f	STWO	36	36	0	13	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	13.25
49	6357,208129	3223,851675		91	E	05266E37g	STWO	6357,208129	4013,854969		E37g	05266E37g	STWO	36	37	1	13	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
47	5378,036973	2694,723488		124	E	05266E38c	STWO	5378,036973	3575,164003		E38c	05266E38c	STWO	33	33	0	14	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	13.25
28	4616,226269	3146,245951		61	E	05266E39d	STWO	4607,612809	3423,367179		E39d	05266E39d	STWO	26	28	2	2	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
46	5624,789631	3238,88495		2	E	05274E20a	EGWO	5624,789631	2592,85596		E20a	05274E20a	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	13120,31271	3923,602665		210	E	05274E20a	STWO	13120,31271	5396,249382		E20a	05274E20a	STWO	48	47	-1	1	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	1.55
27	3655,942254	2656,903501		27	F	05282F83a	EGWO	3655,942254	2388,436349		F83a	05282F83a	EGWO	27	35	8	0	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
41	4755,847225	2581,728152		46	N	05290N69m	EGWO	4751,139034	2457,25437		N69m	05290N69m	EGWO	31	42	11	10	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	9.35
49	7083,782774	3404,165262		183	K	05312K54b	STWO	7083,782774	4073,788354		K54b	05312K54b	STWO	42	42	0	7	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
40	4484,444444	2791,101667		6	N	05320N70a	EGWO	4484,444444	2692,784596		N70a	05320N70a	EGWO	35	41	6	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
6	3905,257452	3894,003982		95	N	05320N70a	STWO	3905,257452	3467,77327		N70a	05320N70a	STWO	7	11	4	-1	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
49	10220,28283	2399,223232		30	K	05347K49e	EGWO	10220,28283	3348,670718		K49e	05347K49e	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7417,397107	2758,84801		23	K	05347K49e	STWO	7417,397107	3990,510147		K49e	05347K49e	STWO	49	47	-2	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
5	3153,617901	3506,6039		180	F	05355F81a	STWO	3153,617901	3134,905189		F81a	05355F81a	STWO	8	9	1	-3	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-2.35
23	5011,099896	4231,849988		49	K	05371K91c	STWO	5011,099896	3817,036983		K91c	05371K91c	STWO	29	23	-6	-6	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-5.9	-6.25
42	6626,085052	3434,557674		4	N	05401N62b	EGWO	6626,085052	3287,333735		N62b	05401N62b	EGWO	36	42	6	6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
18	3969,807112	3257,168558		65	N	05436N69k	STWO	3969,807112	3338,454665		N69k	05436N69k	STWO	17	18	1	1	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6534,430622	2690,030119		17	M	05444M56c	STWO	6534,430622	3733,408969		M56c	05444M56c	STWO	41	38	-3	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	9.35
49	8124,282043	2969,842848		12	K	05460K46a	STWO	8124,282043	4149,562898		K46a	05460K46a	STWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	10223,52941	2380,515		1	K	05479K49b	EGWO	10223,52941			K49b	05479K49b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852		0.7	1.55
49	7422,744329	2645,446179		40	K	05479K49b	STWO	7422,744329	3935,8744		K49b	05479K49b	STWO	45	48	3	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
41	6959,17603	4284,9773		2	A	05495A04e	EGWO	6959,17603	4296,019109		A04e	05495A04e	EGWO	47	49	2	-6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
38	6222,489665	3543,371487		23	A	05495A04e	STWO	6222,489665	3877,583543		A04e	05495A04e	STWO	35	40	5	3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
34	6032,2535	4013,412846		3	N	05517N62a	EGWO	5686,690125	3007,230879		N62a	05517N62a	EGWO	32	37	5	2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
42	6240,9771	3585,371567		20	N	05525N61c	EGWO	6240,9771	3876,886439		N61c	05525N61c	EGWO	34	38	4	8	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
43	4311,111111	3301,14		1	N	05525N61c	STWO	4311,111111	3686,549949		N61c	05525N61c	STWO	30	30	0	13	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
	5882,591093	2382,955		1	E	05568E20c	EGWO	5882,591093	2424,512541		E20c	05568E20c	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	7675,993862	3254,021166		196	E	05568E20c	STWO	7675,993862	4207,007492		E20c	05568E20c	STWO	45	45	0	4	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
49	7524,056966	3277,916708		145	E	05568E21a	STWO	7524,056966	4192,335067		E21a	05568E21a	STWO	45	44	-1	4	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
49	6214,738875	3146,257062		14	M	05576M56a	EGWO	6214,738875	2655,201062		M56a	05576M56a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6514,491823	2753,253004		74	M	05576M56a	STWO	6514,491823	3833,758866		M56a	05576M56a	STWO	41	43	2	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
31	4351,45665	3016,909463		12	F	05584F78b	EGWO	4351,45665	2661,476539		F78b	05584F78b	EGWO	29	39	10	2	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
49	7129,749312	2630,211057		22	K	05649K49d	STWO	7129,749312	3890,25037		K49d	05649K49d	STWO	48	46	-2	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
46	5567,487136	3002,351264		58	M	05665M57a	STWO	5567,487136	3704,380323		M57a	05665M57a	STWO	29	33	4	17	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	17.15
31	5246,550177	3543,092735		23	K	05681K90c	STWO	5246,550177	3569,3775		K90c	05681K90c	STWO	33	32	-1	-2	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
46	4905,882353	3648,86		1	N	05703N73h	EGWO	4905,882353	2759,738096		N73h	05703N73h	EGWO	43	49	6	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
	2590,24765			16	N	05703N73h	STWO	2590,24765	3297,305533		N73h	05703N73h	STWO	5	5	0			61,162.852		51.2	61,162.852	4,711.837	0.7	
49	7619,688399	2899,00159		143	K	05770K47f	STWO	7619,688399	4044,505109		K47f	05770K47f	STWO	47	47	0	2	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
49	8320,742005	4104,034667		9	A	05789A02a	EGWO	8320,742005	3564,227506		A02a	05789A02a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
43	7752,21116	4438,719825		86	A	05789A02a	STWO	7752,21116	4302,576289		A02a	05789A02a	STWO	48	45	-3	-5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-6.25
45	7018,463318	3643,602171		9	A	05789A05b	EGWO	7018,463318	3254,887358		A05b	05789A05b	EGWO	46	49	3	-1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
43	8483,361628	4919,362119		109	A	05789A05b	STWO	8483,361628	4512,496951		A05b	05789A05b	STWO	48	48	0	-5	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-6.25
38	6646,397557	3805,50905		4	A	05789A05c	EGWO	6646,397557	3226,838621		A05c	05789A05c	EGWO	43	49	6	-5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-6.25
39	7527,453895	4809,065396		245	A	05789A05c	STWO	7527,453895	4463,805697		A05c	05789A05c	STWO	42	41	-1	-3	38	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	-2.35

40	8348,658411	3953,256797	[redacted]	3	A	05789A06a	EGWO	8348,658411	3101,051241	[redacted]	A06a	05789A06a	EGWO	47	49	2	-7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
40	8237,472011	5098,777138		190	A	05789A06a	STWO	8237,472011	4619,788084		A06a	05789A06a	STWO	43	43	0	-3	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-2.35
42	8531,638075	4959,649524		7	A	05789A06k	STWO	8531,638075	4452,522922		A06k	05789A06k	STWO	49	48	-1	-7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
36	5679,617638	3739,87505		2	A	05800A04b	EGWO	5679,617638	2797,434109		A04b	05800A04b	EGWO	45	49	4	-9	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-10.15
37	6191,686067	3881,33218		11	A	05800A04b	STWO	6191,686067	3814,747696		A04b	05800A04b	STWO	39	40	1	-2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
40	6926,772537	4525,599161		4	A	05819A05b	EGWO	6926,772537	3498,286369		A05b	05819A05b	EGWO	46	49	3	-6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
37	7567,809251	4857,39329		35	A	05819A05b	STWO	7567,809251	4383,028231		A05b	05819A05b	STWO	43	43	0	-6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
38	7937,464629	4978,204296		2	A	05827A05c	EGWO	7937,464629	4125,603032		A05c	05827A05c	EGWO	43	49	6	-5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-6.25
34	8034,258572	5367,836306		17	A	05827A05c	STWO	8034,258572	4573,48793		A05c	05827A05c	STWO	42	43	1	-8	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
38	6803,030303			1	A	05835A05c	EGWO	6803,030303	4054,599676		A05c	05835A05c	EGWO	43	49	6	-5	38	61,162.852		51.2	61,162.852	4,711.837	5.1	-6.25
39	7462,681673	4550,279983		25	A	05835A05c	STWO	7462,681673	4304,645673		A05c	05835A05c	STWO	42	42	0	-3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
40	5653,333333	4217,5057		1	A	05843A05b	EGWO	5653,333333	2971,860212		A05b	05843A05b	EGWO	46	49	3	-6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
42	7712,995128	4511,099957		11	A	05843A05b	STWO	7712,995128	4352,371377		A05b	05843A05b	STWO	44	44	0	-2	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
35	7764,552028	5515,247443		16	A	05851A05b	STWO	7764,552028	4558,415031		A05b	05851A05b	STWO	41	41	0	-6	33.6	61,162.852	7,085.2	51.2	61,162.852	4,711.837	0.7	-6.25
32	5377,318541	3594,904072		57	N	05878N64a	EGWO	5377,318541	3058,669395		N64a	05878N64a	EGWO	38	43	5	-6	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-6.25
44	6260,979761	3392,952609		49	N	05878N64b	EGWO	6260,979761	3013,800536		N64b	05878N64b	EGWO	45	49	4	-1	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
46	5151,071442	2748,78471		20	N	05878N70f	EGWO	5151,071442	2708,989339		N70f	05878N70f	EGWO	41	47	6	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
46	5481,360042	2972,494356		25	N	05924N74a	EGWO	5481,360042	2610,197663		N74a	05924N74a	EGWO	42	49	7	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
20	4586,980131	3676,878121		120	N	05932N69j	STWO	4586,980131	3444,706692		N69j	05932N69j	STWO	22	25	3	-2	20.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	-2.35
39	5268,016661	3289,723893		18	N	05967N60a	EGWO	5268,016661	3014,177397		N60a	05967N60a	EGWO	37	42	5	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
36	4910,229109	3124,099538		82	N	05967N60a	STWO	4910,229109	3386,949675		N60a	05967N60a	STWO	26	31	5	10	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	9.35
	4448,051948	3794,17		1	M	05983M34e	EGWO	4448,051948	2758,246072		M34e	05983M34e	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
28	4712,422318	3364,221092		39	K	06017K90a	STWO	4712,422318	3301,899966		K90a	06017K90a	STWO	33	26	-7	-5	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-5.9	-6.25
49	6667,389283	2739,128673		59	M	06033M56c	STWO	6667,389283	3787,394229		M56c	06033M56c	STWO	41	43	2	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
20	3793,2447	3225,469855		9	T	06076T98a	EGWO	3718,92023	2622,672081		T98a	06076T98a	EGWO	19	28	9	1	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
24	4435,416667	2772,562372		2	T	06076T98a	STWO	4435,416667	3418,348746		T98a	06076T98a	STWO	17	22	5	7	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
17	4097,119073	3379,465002		82	F	06106F77a	STWO	4097,119073	3297,025214		F77a	06106F77a	STWO	15	19	4	2	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
20	4377,106796	3486,889733		90	F	06106F77b	STWO	4377,106796	3360,741893		F77b	06106F77b	STWO	19	23	4	1	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
8	4074,13756	3889,451645		26	F	06149F76b	STWO	4074,13756	3442,707819		F76b	06149F76b	STWO	7	13	6	1	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
12	3978,255027	3487,935313		80	F	06149F77c	STWO	3978,255027	3316,252608		F77c	06149F77c	STWO	10	15	5	2	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
31	4108,036086	3057,749936		14	F	06157F76a	EGWO	4108,036086	2742,196714		F76a	06157F76a	EGWO	27	35	8	4	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
6	4062,179487	4471,491027		30	F	06157F76a	STWO	4062,179487	3750,857299		F76a	06157F76a	STWO	6	8	2	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
28	5912,59323			4	F	06157F77a	EGWO	5912,59323			F77a	06157F77a	EGWO	24	35	11	4	29.2	61,162.852		51.2	61,162.852		11.7	5.45
7	4456,482394	4249,265193		48	F	06165F76a	STWO	4456,482394	3691,530569		F76a	06165F76a	STWO	11	17	6	-4	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-2.35
21	4331,722215	3441,81809		564	F	06173F77b	STWO	4331,722215	3319,439069		F77b	06173F77b	STWO	18	21	3	3	20.4	61,162.852	3,773.36	553.2	61,162.852	4,711.837	2.9	1.55
23	3389,126383	2680,318239		20	T	06181T98a	EGWO	3389,126383	2335,189981		T98a	06181T98a	EGWO	22	33	11	1	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	1.55
25	3870,495881	2816,444633		19	T	06203T98a	EGWO	3870,495881	2575,043147		T98a	06203T98a	EGWO	22	31	9	3	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
7	4175,134229	4287,667076		48	F	06238F77a	STWO	4175,134229	3674,831424		F77a	06238F77a	STWO	7	12	5	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
13	4019,893504	4217,172397		48	F	06238F77b	STWO	4019,893504	3645,352255		F77b	06238F77b	STWO	11	15	4	2	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
9	3872,388438	3535,000293		72	F	06238F78c	STWO	3872,388438	3251,384935		F78c	06238F78c	STWO	12	16	4	-3	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
49	6848,374664	3436,035589		84	K	06297K26b	STWO	6848,374664	4097,582958		K26b	06297K26b	STWO	42	40	-2	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
23	3990,756551	3071,517017		22	F	06300F77a	EGWO	3990,756551	2793,470579		F77a	06300F77a	EGWO	19	30	11	4	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
13	4697,807043	4374,936127		74	F	06300F77b	STWO	4697,807043	3639,581739		F77b	06300F77b	STWO	16	21	5	-3	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-2.35
31	4304,403008	2976,838584		48	F	06319F77c	EGWO	4304,403008	2698,176955		F77c	06319F77c	EGWO	29	37	8	2	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
19	3858,620432	2791,661258		20	F	06319F77c	STWO	3858,620432	3072,01818		F77c	06319F77c	STWO	16	19	3	3	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
31	4373,339121	3006,439508		11	F	06378F77a	EGWO	4373,339121	2722,331773		F77a	06378F77a	EGWO	23	38	15	8	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	13.9	9.35
38	4755,339519	2933,764093		102	F	06386F76a	EGWO	4755,339519	2738,489465		F76a	06386F76a	EGWO	34	42	8	4	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	7.3	5.45
11	5047,024894	3538,837603		3	F	06386F76a	STWO	5047,024894	3865,79103		F76a	06386F76a	STWO	9	12	3	2	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
40	4400,297359	2654,049628		16	F	06394F85b	EGWO	4400,297359	2559,40522		F85b	06394F85b	EGWO	35	42	7	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
27	3825,827854	2796,55363		25	F	06408F83a	EGWO	3825,827854	2498,18288		F83a	06408F83a	EGWO	28	35	7	-1	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	-2.35
46	6504,051041	4633,244156		48	M	06424M27b	STWO	6504,051041	3969,939561		M27b	06424M27b	STWO	37	36	-1	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
49	6974,802857	3184,933037		112	M	06432M27b	STWO	6974,802857	4055,173291		M27b	06432M27b	STWO	43	42	-1	6	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
49	6952,902941	3240,500351		36	E	06440E21a	STWO	6952,902941	4051,923469		E21a	06440E21a	STWO	42	42	0	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
48	6060,741846	3121,732391		14	E	06459E38c	STWO	6060,741846	3930,79678		E38c	06459E38c	STWO	35	35	0	13	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
49	7285,622336	2811,502101		4	M	06483M56c	EGWO	7285,622336	2856,694516		M56c	06483M56c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6655,434995	2696,525763		11	M	06483M56c	STWO	6655,434995	3765,694572		M56c	06483M56c	STWO	41	43	2	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
48	6929,135259	3620,001648		43	E	06491E14f	STWO	6929,135259	3949,083232		E14f	06491E14f	STWO	46	44	-2	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
24	3456,172403	2608,557176		11	F	06505F81e	EGWO	3456,172403	2378,99389		F81e	06505F81e	EGWO	23	31	8	1	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
7	3528,136447			8	F	06580F81e	STWO	3528,136447			F81e	06580F81e	STWO	8	9	1	-1	7.2	61,162.852		51.2	61,162.852		0.7	-2.35
49	6831,933535	3507,52147		26	E	06599E42a	STWO	6831,933535	4111,299602		E42a	06599E42a	STWO	40	40	0	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	6537,561448	3325,226605		44	E	06599E42b	STWO	6537,561448	3983,531315		E42b	06599E42b	STWO	39	39	0	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
44	6495,87272	3593,068545		147	E	06602E42a	STWO	6495,87272	4037,807129		E42a	06602E42a	STWO	36	38	2	8	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	9.35
38	3941,482114	2690,303125		16	N	06637N68d	EGWO	3941,482114	2476,301671		N68d	06637N68d	EGWO	34	41	7	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
37	5279,000771	3347,200487		8	N	06653N60c	EGWO	5279,000771	3249,698755		N60c	06653N60c	EGWO	33	38	5	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
44	6646,073381	3726,46235		108	M	06661M28a	STWO	6646,073381	3965,876667		M28a	06661M28a	STWO	40	40	0	4	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
49	5968,994926	2461,026161		68	K	06688K90i	EGWO	5968,994926	2540,87447		K90i	06688K90i	EGWO	48	49	1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
48	6621,776389	3426,915557		21	K	06718K26a	STWO	6621,776389	4060,341051		K26a	06718K26a	STWO	39	39	0	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	6597,307109	3324,029366		15	K	06718K26b	STWO	6597,307109	3966,724382		K26b	06718K26b	STWO	42	40	-2	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
34	5358,523837	3543,83123		28	N	06734N65b	EGWO	5358,523837	3362,542563		N65b	06734N65b	EGWO	28	37	9	6	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
33	5368,663594			7	N	06742N65b	EGWO	5368,663594			N65b	06742N65b	EGWO	28	36	8	5	33.6	61,162.852		51.2	61,162.852		7.3	5.45
49	9515,517241	2744,395857		4	K	06750K59a	EGWO	9515,517241	3532,655744		K59a	06750K59a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
36	5826,9839	3707,024793		19	K	06750K59a	STWO	5826,9839	3574,11658		K59a	06750K59a	STWO	39	39	0	-3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	6770,144425	3129,636698		106	K	06777K24a	STWO	6770,144425	3971,728395		K24a	06777K24a	STWO	43	42	-1	6	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
49	7194,918686	3397,613438		141	K	06777K24d	STWO	7194,918686	4187,283712		K24d	06777K24d	STWO	44	42	-2	5	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
49	6571,861574	3128,597712		147	K	06777K24e	STWO	6571,861574	3932,409031		K24e	06777K24e	STWO	42	40	-2	7	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
49	7069,240852	3383,424193		94	K	06777K25a	STWO	7069,240852	4089,367872		K25a	06777K25a	STWO	42	40	-2	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	6789,303702	3274,340654		63	K	06777K25b	STWO	6789,303702	3989,860012		K25b	06777K25b	STWO	44	41	-3	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	5.45
49	6319,812511	2964,221665		65	K	06777K25c	STWO	6319,812511	3815,056219		K25c	06777K25c	STWO	42	40	-2	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	6585,429432	3153,88086		137	K	06777K25d	STWO	6585,429432	3929,894483		K25d	06777K25d	STWO	43	40	-3	6	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-3.7	5.45
47	6591,615373	3328,554261		49	M	06785M31a	STWO	6591,615373	3895,119533		M31a	06785M31a	STWO	37	40	3	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
41	5966,748568	3245,532637		51	M	06785M31b	STWO	5966,748568	3827,072116		M31b	06785M31b	STWO	36	36	0	5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
38	5383,888969	2995,120174		160	M	06785M31c	STWO	5383,888969	3626,241725		M31c	06785M31c	STWO	33	30	-3	5	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-3.7	5.45
49	5700,891348	2390,392236		37	M	06807M55g	EGWO	5700,891348	2500,805112		M55g	06807M55g	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55

49	6727,317343	3272,229952	[redacted]	33	M	06807M55g	STWO	6727,317343	3966,276418	[redacted]	M55g	06807M55g	STWO	39	41	2	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
34	4992,544194	3298,208942		23	N	06815N65b	EGWO	4992,544194	3159,568716		N65b	06815N65b	EGWO	27	36	9	7	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
32	5631,458819	3858,453275		78	M	07021M32a	STWO	5631,458819	3737,680184		M32a	07021M32a	STWO	32	34	2	0	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
47	6005,637726	3161,095351		85	E	07072E37g	STWO	6005,637726	3914,892547		E37g	07072E37g	STWO	36	35	-1	11	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
49	6162,362542	3037,317264		146	E	07080E75a	STWO	6162,362542	3767,919355		E75a	07080E75a	STWO	39	39	0	10	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
49	6395,78945	3286,176661		146	E	07080E75c	STWO	6395,78945	3931,944304		E75c	07080E75c	STWO	38	38	0	11	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
49	10504,11071	2437,051777		22	K	07099K49b	EGWO	10504,11071	3432,985805		K49b	07099K49b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
48	6466,07382	3319,834855		71	M	07110M30a	STWO	6466,07382	3980,266907		M30a	07110M30a	STWO	38	38	0	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
40	5460,211189	4006,441698		54	M	07129M56c	STWO	5460,211189	3729,546039		M56c	07129M56c	STWO	31	33	2	9	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
9	4501,041879	4242,580082		75	F	07161F85b	STWO	4501,041879	3676,311837		F85b	07161F85b	STWO	15	17	2	-6	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
49	6804,581002	2715,930765		207	K	07196K52a	STWO	6804,581002	3786,099421		K52a	07196K52a	STWO	44	44	0	5	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	5.45
49	6531,668342	2626,489024		183	K	07196K52b	STWO	6531,668342	3706,173126		K52b	07196K52b	STWO	43	43	0	6	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
49	7296,350718	2995,554644		45	K	07196K52c	STWO	7296,350718	3967,45956		K52c	07196K52c	STWO	45	46	1	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	6424,860692	2621,213194		55	K	07196K52d	STWO	6424,860692	3686,741635		K52d	07196K52d	STWO	42	42	0	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	6756,440017	3332,347466		121	K	07196K53a	STWO	6756,440017	3956,937578		K53a	07196K53a	STWO	41	41	0	8	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
48	6763,996862	3483,297218		16	M	07226M30b	STWO	6763,996862	4062,661065		M30b	07226M30b	STWO	40	40	0	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
48	4776,252562	2474,322882		17	N	07269N69a	EGWO	4776,252562	2471,108011		N69a	07269N69a	EGWO	39	48	9	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
15	3997,597184	2960,907898		55	F	07277F82c	STWO	3997,597184	3116,49577		F82c	07277F82c	STWO	16	17	1	-1	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	6857,414946	3307,331612		62	E	07293E14d	STWO	6857,414946	4077,95307		E14d	07293E14d	STWO	40	40	0	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
47	7260,266823	3801,520607		32	E	07293E14e	STWO	7260,266823	4432,502995		E14e	07293E14e	STWO	39	39	0	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	7152,605973	2752,75632		102	K	07307K49e	STWO	7152,605973	3934,457434		K49e	07307K49e	STWO	47	45	-2	2	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	1.55
38	5066,954932	3751,201509		15	F	07404F85b	EGWO	5066,954932	2821,695355		F85b	07404F85b	EGWO	36	44	8	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
48	6879,020063	3581,891358		101	E	07439E42b	STWO	6879,020063	4148,058782		E42b	07439E42b	STWO	39	40	1	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
43	4179,265566	2391,8672		4	F	07455F85b	EGWO	4179,265566	2333,956185		F85b	07455F85b	EGWO	38	45	7	5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
14	4736,149004	4102,505217		224	F	07455F85b	STWO	4736,149004	3660,646061		F85b	07455F85b	STWO	18	21	3	-4	16	61,162.852	3,773.36	252	61,162.852	4,711.837	2.9	-2.35
15	4623,342866	3989,407605		320	F	07455F85c	STWO	4623,342866	3600,249537		F85c	07455F85c	STWO	19	21	2	-4	16	61,162.852	3,773.36	352.4	61,162.852	4,711.837	2.9	-2.35
42	6428,297523	3667,417801		378	M	07463M29a	STWO	6428,297523	3930,830863		M29a	07463M29a	STWO	38	38	0	4	42.4	61,162.852	3,773.36	352.4	61,162.852	4,711.837	0.7	5.45
21	4145,713583	3229,022729		44	F	07501F77f	STWO	4145,713583	3196,983013		F77f	07501F77f	STWO	18	22	4	3	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
	9958,333333	4387,843883		1	A	07528A09d	EGWO	9958,333333			A09d	07528A09d	EGWO						61,162.852	3,773.36	51.2	61,162.852			
36	6784,162147	4374,383342		6	A	07528A09d	STWO	6518,293756	4002,720759		A09d	07528A09d	STWO	40	40	0	-4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
24	6209,857326	4738,48545		94	A	07528A09e	STWO	6209,857326	3846,893555		A09e	07528A09e	STWO	34	36	2	-10	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-10.15
	8244,639376			2	K	07544K26b	EGWO	8244,639376			K26b	07544K26b	EGWO						61,162.852		51.2	61,162.852			
49	6856,410578	3404,104345		39	K	07544K26b	STWO	6856,410578	4074,777155		K26b	07544K26b	STWO	42	40	-2	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	6625,38036	2708,330616		84	M	07560M56b	STWO	6625,38036	3775,364677		M56b	07560M56b	STWO	42	43	1	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	6795,059077	3363,160473		70	E	07579E37d	STWO	6795,059077	4102,932189		E37d	07579E37d	STWO	40	40	0	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	6686,194955	3392,539361		92	E	07609E43b	STWO	6686,194955	4067,910965		E43b	07609E43b	STWO	39	39	0	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	10143,76961	2572,670802		10	K	07617K49b	EGWO	10143,76961	3462,795701		K49b	07617K49b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7105,093253	2467,371167		16	K	07617K49b	STWO	7105,093253	3819,188467		K49b	07617K49b	STWO	48	47	-1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	8312,539579	3383,006295		227	K	07625K47j	STWO	8312,539579	4352,250517		K47j	07625K47j	STWO	48	46	-2	1	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	1.55
36	4510,548523	3317,76		3	F	07633F76a	EGWO	4510,548523	3241,060052		F76a	07633F76a	EGWO	31	40	9	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
49	6695,858353	3045,909329		83	E	07668E40c	STWO	6695,858353	3993,052017		E40c	07668E40c	STWO	41	40	-1	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
35	6159,867344	4004,774419		62	K	07676K59a	STWO	6159,867344	3761,873553		K59a	07676K59a	STWO	40	39	-1	-5	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
49	5566,666667	2308,7739		1	M	07692M55d	EGWO	5566,666667	2441,983395		M55d	07692M55d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6737,934979	3200,99275		77	M	07692M55d	STWO	6737,934979	3909,205739		M55d	07692M55d	STWO	40	42	2	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
49	8395,251776	2513,57136		5	K	07706K46b	EGWO	8395,251776	3024,947429		K46b	07706K46b	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	7663,201264	3020,348179		59	K	07706K46b	STWO	7663,201264	4142,33932		K46b	07706K46b	STWO	47	48	1	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6717,511189	3363,6756		68	K	07706K48a	STWO	6717,511189	4052,874275		K48a	07706K48a	STWO	42	40	-2	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
37	6131,239573	3833,758683		576	F	07714F87f	STWO	6131,239573	4363,005122		F87f	07714F87f	STWO					38	61,162.852	3,773.36	553.2	61,162.852	4,711.837		
12	4060,64247	3833,201046		32	F	07714F89b	STWO	4060,64247	3502,056791		F89b	07714F89b	STWO	11	14	3	1	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
17	4305,288462	2467,952501		4	F	07722F78d	STWO	4305,288462	3205,094323		F78d	07722F78d	STWO	19	19	0	-2	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
28	4025,116081	2903,162619		44	F	07730F78d	EGWO	4025,116081	2632,436684		F78d	07730F78d	EGWO	27	35	8	1	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
35	4414,152679	2887,73731		18	N	07749N66d	EGWO	4414,152679	2711,046739		N66d	07749N66d	EGWO	32	39	7	3	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
49	10451,3313	2978,960396		2	K	07757K47d	EGWO	10451,3313	3574,407153		K47d	07757K47d	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	8842,804809	3386,840736		105	K	07757K47d	STWO	8842,804809	4433,665462		K47d	07757K47d	STWO		49			46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837		
49	10744,41649	2506,586703		6	K	07757K47e	EGWO	10744,41649	3852,177419		K47e	07757K47e	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	7295,865514	3634,79417		139	K	07773K26b	STWO	7295,865514	4242,234208		K26b	07773K26b	STWO	43	42	-1	6	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
49	7165,743105	3313,1525		29	K	07781K25c	STWO	7165,743105	4127,291751		K25c	07781K25c	STWO	43	42	-1	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	7554,316714	3525,962615		29	K	07781K25d	STWO	7554,316714	4266,873873		K25d	07781K25d	STWO	44	43	-1	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	7452,921828	3464,817133		238	K	07803K25d	STWO	7452,921828	4224,150032		K25d	07803K25d	STWO	44	43	-1	5	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	5.45
45	4264,947215	2363,818431		56	F	07811F85b	EGWO	4264,947215	2325,173903		F85b	07811F85b	EGWO	38	46	8	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
49	10683,76068	3139,31		2	K	07838K47g	EGWO	10683,76068			K47g	07838K47g	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852			
49	6731,311794	2638,322818		58	K	07838K47g	STWO	6731,311794	3771,470828		K47g	07838K47g	STWO	45	44	-1	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
17	3903,455424	3155,575799		85	F	07846F77c	STWO	3903,455424	3182,786669		F77c	07846F77c	STWO	11	16	5	6	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
27	3975,406081	2890,908124		46	F	07854F78d	EGWO	3975,406081	2638,262973		F78d	07854F78d	EGWO	27	34	7	0	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
34	4375,239143	2880,987779		29	F	07862F76a	EGWO	4375,239143	2704,641433		F76a	07862F76a	EGWO	29	38	9	5	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
30	4295,395859	3024,080008		40	F	07889F78b	EGWO	4295,395859	2710,15172		F78b	07889F78b	EGWO	30	37	7	0	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
31	3685,695252	2399,71		5	F	07889F78b	STWO	3685,695252	3104,481563		F78b	07889F78b	STWO	15	19	4	16	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	17.15
46	4875,501647	2613,149065		9	N	07900N68e	EGWO	4875,501647	2532,013963		N68e	07900N68e	EGWO	44	48	4	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
11	3869,741942	3993,969133		48	N	07900N68e	STWO	3869,741942	3493,647483		N68e	07900N68e	STWO	9	10	1	2	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
34	4585,100463	3022,395659		12	N	07919N67a	EGWO	4585,100463	2871,878305		N67a	07919N67a	EGWO	32	39	7	2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
49	7025,035479	2916,232569		115	K	07927K49f	STWO	7025,035479	3885,878675		K49f	07927K49f	STWO	47	46	-1	2	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	1.55
34	5268,133935	3466,317173		64	K	07935K90a	STWO	5268,133935	3414,517658		K90a	07935K90a	STWO	30	31	1	4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
32	5047,71274	3413,205259		108	K	07951K90d	STWO	5047,71274	3515,116287		K90d	07951K90d	STWO	31	30	-1	1	33.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	1.55
49	7051,397589	3455,236977		9	M	07978M30b	STWO	7051,397589	4095,851936		M30b	07978M30b	STWO	41	42	1	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
32	6459,26615	4250,950274		16	A	07986A09e	STWO	6459,26615	3850,306227		A09e	07986A09e	STWO	39	40	1	-7	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
31	5466,28752	3746,37268		108	A	07986A09f	STWO	5466,28752	3492,264321		A09f	07986A09f	STWO	36	36	0	-5	29.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-6.25
27	5345,887146	3820,442673		11	A	07994A09e	STWO	5345,887146	3847,862682		A09e	07994A09e	STWO	30	30	0	-3	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
43	4825,18797	2602,2104		2	M	08001M33i	STWO	4825,18797	3355,942485		M33i	08001M33i	STWO	34	29	-5	9	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-5.9	9.35
30	5514,257179	3829,041349		131	M	08001M33j	STWO	5514,257179	3726,247949		M33j	08001M33j	STWO	37	32	-5	-7	29.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-5.9	-6.25
46	7463,43782	4007,546614		250	E	08036E43a	STWO	7463,43782	4283,254647		E43a	08036E43a	STWO	42	42	0	4	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	5.45
49	6708,401809	3360,336015		380	E	08044E43b	STWO	6708,401809	4037,843011		E43b	08044E43b	STWO	39	40	1	10	46.8	61,162.852	3,773.36	352.4	61,162.852	4,711.837	0.7	9.35
40	6533,431085	4825,398282		30	M	08052M56c	STWO	6533,431085	4194,126823		M56c	08052M56c	STWO	33	36	3	7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
27	6283,648173	4614,267178		241	A	08087A09e	STWO	6283,648173	4084,8265		A09e	08087A09e	STWO	34	34	0	-7	24.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	-6.25

49	7323,717587	3531,766422	[redacted]	462	E	08117E17a	STWO	7315,844338	4110,92006	[redacted]	E17a	08117E17a	STWO	44	44	0	5	46.8	61,162.852	3,773.36	452.8	61,162.852	4,711.837	0.7	5.45
	7173,913043	2359,7618		1	E	08117E19a	EGWO	6797,965696	2672,043482		E19a	08117E19a	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	8374,288448	3910,924357		100	E	08117E19a	STWO	8374,288448	4411,61824		E19a	08117E19a	STWO	46	45	-1	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	6695,863684	3140,171452		27	E	08125E17a	STWO	6695,863684	3956,899198		E17a	08125E17a	STWO	41	41	0	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	7121,396584	3237,745433		184	E	08133E17a	STWO	7121,396584	4067,434057		E17a	08133E17a	STWO	43	43	0	6	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
49	7897,259995	3714,78035		148	E	08133E19a	STWO	7897,259995	4268,887362		E19a	08133E19a	STWO	44	43	-1	5	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
31	4910,606061	3299,517882		10	N	08168N65c	EGWO	4910,606061	3141,425485		N65c	08168N65c	EGWO	28	34	6	3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
49	7947,502904			2	K	08176K91c	EGWO	7947,502904			K91c	08176K91c	EGWO	48	49	1	1	46.8	61,162.852		51.2	61,162.852		0.7	1.55
26	5500	3373,5836		1	A	08230A00b	STWO	5500	3551,826159		A00b	08230A00b	STWO	36	36	0	-10	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-10.15
37	7046,46134	4525,918942		22	A	08230A01c	STWO	7046,46134	4114,799711		A01c	08230A01c	STWO	39	40	1	-2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
32	7103,097603	4859,281893		25	A	08230A01e	STWO	7103,097603	4247,135208		A01e	08230A01e	STWO	41	40	-1	-9	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
26	6320,060484	4691,4927		4	A	08273A00b	STWO	6320,060484	3938,267738		A00b	08273A00b	STWO	36	36	0	-10	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-10.15
34	7603,801921	5020,044535		11	A	08273A00d	STWO	7603,801921	4291,565271		A00d	08273A00d	STWO	44	44	0	-10	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-10.15
46	6566,317469	3600,431359		92	M	08281M30a	STWO	6554,825205	3914,970886		M30a	08281M30a	STWO	40	40	0	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	6968,538211	2658,365241		30	K	08303K47g	STWO	6968,538211	3835,391058		K47g	08303K47g	STWO	44	45	1	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
	4957,264957	3212,490769		3	M	08311M58i	STWO	4957,264957	3311,976097		M58i	08311M58i	STWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	8108,317554	3711,767032		108	K	08338K24b	STWO	8108,317554	4447,49822		K24b	08338K24b	STWO	46	45	-1	3	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	1.55
49	7970,293071	3812,111119		247	K	08338K24c	STWO	7970,293071	4416,760812		K24c	08338K24c	STWO	45	44	-1	4	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	5.45
	7376,811594			1	B	08354B10a	STWO	7376,811594			B10a	08354B10a	STWO						61,162.852		51.2	61,162.852			
46	6652,922567	3561,142302		73	M	08370M29a	STWO	6652,922567	4133,444815		M29a	08370M29a	STWO	40	37	-3	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	5.45
49	6198,857763	3186,595881		46	M	08370M29b	STWO	6198,857763	3851,498111		M29b	08370M29b	STWO	39	38	-1	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
49	7632,155803	3932,389152		26	M	08389M55h	EGWO	7632,155803	3563,46895		M55h	08389M55h	EGWO	47	49	2	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
49	7108,485944	3469,799033		75	K	08397K26b	STWO	7108,485944	4135,449871		K26b	08397K26b	STWO	43	42	-1	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	6745,593022	3427,079934		59	E	08435E42b	STWO	6745,593022	4071,03981		E42b	08435E42b	STWO	39	40	1	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
30	4168,37433	2924,16415		21	F	08443F78b	EGWO	4168,37433	2681,227752		F78b	08443F78b	EGWO	26	36	10	4	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
31	4260,416667	3612,117029		1	F	08443F78b	STWO	4260,416667	3283,444102		F78b	08443F78b	STWO	20	24	4	11	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
29	3788,902911	2686,061011		24	F	08451F83a	EGWO	3788,902911	2441,246932		F83a	08451F83a	EGWO	28	36	8	1	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
27	4460	2420,0216		1	K	08478K23c	STWO	4460			K23c	08478K23c	STWO	38	31	-7	-11	24.8	61,162.852	3,773.36	51.2	61,162.852		-5.9	-10.15
30	4470,699271	3117,645746		226	K	08478K90a	STWO	4470,699271	3385,236405		K90a	08478K90a	STWO	30	25	-5	0	29.2	61,162.852	3,773.36	252	61,162.852	4,711.837	-5.9	1.55
	11214,28571			1	K	08486K91d	EGWO	11214,28571			K91d	08486K91d	EGWO						61,162.852		51.2	61,162.852			
43	5021,785478	2890,757772		35	N	08494N68f	EGWO	5021,785478	2625,343348		N68f	08494N68f	EGWO	39	48	9	4	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
49	6791,777201	3207,610411		218	E	08508E17a	STWO	6785,850255	4007,834274		E17a	08508E17a	STWO	41	41	0	8	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	9.35
49	6534,595899	3084,415102		122	E	08508E18a	STWO	6534,595899	3889,043598		E18a	08508E18a	STWO	41	40	-1	8	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	9.35
49	5594,990667	2498,570357		16	K	08516K90d	EGWO	5594,990667	2495,340136		K90d	08516K90d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
6	4207,308416	4201,420424		152	N	08532N68c	STWO	4207,308416	3615,352275		N68c	08532N68c	STWO	11	14	3	-5	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	-6.25
49	7518,134019	2998,252539		54	E	08559E20a	STWO	7518,134019	4087,308618		E20a	08559E20a	STWO	46	46	0	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7718,497297	3785,427903		40	E	08672E14e	STWO	7718,497297	4479,666339		E14e	08672E14e	STWO	41	42	1	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	7411,565887	3560,018655		84	E	08672E14f	STWO	7411,565887	4203,163474		E14f	08672E14f	STWO	43	43	0	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
41	6936,626881	4057,440095		50	K	08680K91a	STWO	6936,626881	3954,171215		K91a	08680K91a	STWO	43	42	-1	-2	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
49	4883,394383	2491,208		2	M	08699M30a	EGWO	4883,394383	2392,856721		M30a	08699M30a	EGWO	45	49	4	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
45	5861,757814	3191,732852		47	M	08699M30a	STWO	5861,757814	3804,882246		M30a	08699M30a	STWO	36	35	-1	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
49	7171,488728	2539,741233		78	K	08710K46a	STWO	7171,488728	3947,127528		K46a	08710K46a	STWO	49	48	-1	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	7457,097284	2541,848325		25	K	08710K47c	STWO	7457,097284	3935,288388		K47c	08710K47c	STWO	49	48	-1	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	7603,695531	2669,191431		135	K	08710K47d	STWO	7603,695531	4033,284636		K47d	08710K47d	STWO					46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837		
49	9384,008807	2476,036975		20	K	08710K47e	EGWO	9384,008807	3314,293464		K47e	08710K47e	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	7154,462821	2584,86291		4	K	08710K47e	STWO	7154,462821	3988,535526		K47e	08710K47e	STWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7046,678636	2300,1001		1	K	08710K47f	EGWO	7046,678636			K47f	08710K47f	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852		0.7	1.55
49	7984,139978	2733,217037		12	K	08710K47f	STWO	7984,139978	4033,942125		K47f	08710K47f	STWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
34	5297,12934	3853,530356		18	E	08729E39c	STWO	5297,12934	3839,412545		E39c	08729E39c	STWO	30	34	4	4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
49	6959,586222	3423,025315		165	E	08753E37d	STWO	6959,586222	4131,47289		E37d	08753E37d	STWO	41	40	-1	8	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	9.35
49	7007,003162	3358,020933		11	E	08761E37d	STWO	7007,003162	4100,63676		E37d	08761E37d	STWO	40	41	1	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
33	5247,835498	3265,175		6	E	08788E39d	STWO	5247,835498	3847,665451		E39d	08788E39d	STWO	28	27	-1	5	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
40	6070,458562	3700,465581		8	A	08796A04a	STWO	6070,458562	3785,334712		A04a	08796A04a	STWO	43	39	-4	-3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-2.35
42	6233,595728	2944,011142		4	A	08796A05a	STWO	6233,595728	3662,713827		A05a	08796A05a	STWO	44	44	0	-2	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
33	4907,800673	3272,927308		2	F	08818F77f	EGWO	4907,800673			F77f	08818F77f	EGWO	29	38	9	4	33.6	61,162.852	3,773.36	51.2	61,162.852		9.5	5.45
38	4290,236025	2537,223833		7	F	08818F78b	EGWO	4290,236025	2370,728953		F78b	08818F78b	EGWO	34	43	9	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
31	4103,578296	2796,631907		16	F	08818F78b	STWO	4103,578296	3223,667397		F78b	08818F78b	STWO	20	20	0	11	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	8065,904139	3282,329953		18	M	08834M55h	EGWO	8065,904139	3218,495669		M55h	08834M55h	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
41	6274,509804	2570,976253		1	M	08834M55h	STWO	6274,509804	3650,009904		M55h	08834M55h	STWO	31	34	3	10	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
49	7459,66711	3503,250418		170	E	08877E14a	STWO	7448,585713	4099,602941		E14a	08877E14a	STWO	43	43	0	6	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
39	6287,811321	3855,23347		80	E	08877E14b	STWO	6287,811321	3902,739782		E14b	08877E14b	STWO	42	39	-3	-3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-2.35
29	6364,981316	4558,542309		82	E	08877E14c	STWO	6364,981316	4079,064068		E14c	08877E14c	STWO	32	36	4	-3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
49	7171,305705	3598,800169		152	E	08877E14d	STWO	7171,305705	4223,874595		E14d	08877E14d	STWO	41	42	1	8	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
49	7046,519324	3494,739107		49	E	08885E14a	STWO	6932,645234	4170,377229		E14a	08885E14a	STWO	40	41	1	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
	5274,900398			1	E	08885E14b	EGWO	5274,900398			E14b	08885E14b	EGWO						61,162.852		51.2	61,162.852			
38	6376,262487	3947,006833		47	E	08885E14b	STWO	6376,262487	4220,105489		E14b	08885E14b	STWO	41	41	0	-3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
29	4017,605186	2841,110647		14	F	08907F78b	EGWO	4017,605186	2524,245245		F78b	08907F78b	EGWO	26	37	11	3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	1.55
20	3791,921296	3230,545972		72	F	08923F87d	STWO	3791,921296	3198,974738		F87d	08923F87d	STWO	15	18	3	5	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
49	7772,451421	3874,875755		102	M	08931M31a	STWO	7772,451421	4128,535298		M31a	08931M31a	STWO	41	41	0	8	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
49	6746,345439	2670,544418		22	K	08958K52d	STWO	6746,345439	3768,512981		K52d	08958K52d	STWO	42	44	2	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
34	3989,583333	3426,31		1	E	08966E37a	STWO	3989,583333	3276,635335		E37a	08966E37a	STWO	27	28	1	7	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
8	3852,060424	4027,586506		68	N	08982N68d	STWO	3852,060424	3452,835936		N68d	08982N68d	STWO	6	10	4	2	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
47	7166,315702	3804,27868		5	A	09008A07f	EGWO	7166,315702	3206,239984		A07f	09008A07f	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
47	7119,358468	3442,421042		104	A	09008A07f	STWO	7119,358468	3949,297255		A07f	09008A07f	STWO	44	45	1	3	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
39	4015,154344	2540,702222		9	F	09016F86a	EGWO	4015,154344	2410,947233		F86a	09016F86a	EGWO	33	41	8	6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
27	4340,579065	3190,578082		151	F	09016F86a	STWO	4340,579065	3412,504343		F86a	09016F86a	STWO	19	20	1	8	24.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
28	4530,776163	3233,242474		33	F	09016F86b	STWO	4530,776163	3388,563448		F86b	09016F86b	STWO	23	25	2	5	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
49	7825,65659	2956,172492		18	K	09024K46b	STWO	7825,65659	4119,945026		K46b	09024K46b	STWO	47	48	1	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7075,115732	3333,066702		20	K	09024K48a	STWO	7075,115732	4080,060094		K48a	09024K48a	STWO	45	42	-3	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	5.45
49	7312,08161	3111,442932		206	K	09040K52a	STWO	7312,08161	3987,013461		K52a	09040K52a	STWO	45	45	0	4	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	5.45
49	6313,616977	2382,793283		6	K	09040K52b	EGWO	6313,616977	2541,299757		K52b	09040K52b	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	6962,620462	2945,953817		147	K	09040K52b	STWO	6962,620462	3891,86033		K52b	09040K52b	STWO	43	44	1	6	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
27	4809,855322	3515,922665		46	K	09059K90c	STWO	4809,855322	3494,043415		K90c	09059K90c	STWO	31	27	-4	-4	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-2.35

48	6655,811012	3868,319526	[redacted]	29	M	09067M27a	STWO	6655,811012	3944,396799	[redacted]	M27a	09067M27a	STWO	41	41	0	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	8537,959622	3441,789542		17	K	09075K26a	EGWO	8537,959622	3648,559904		K26a	09075K26a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6950,291556	3420,389864		91	K	09075K26a	STWO	6950,291556	4110,363522		K26a	09075K26a	STWO	39	41	2	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
42	5778,421159	3354,525243		5	N	09083N67a	EGWO	5778,421159	3240,820881		N67a	09083N67a	EGWO	39	44	5	3	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
	8487,221351	3863,415		4	M	09156M34e	EGWO	8487,221351	2999,874479		M34e	09156M34e	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	9138,890615	2541,910842		20	K	09180K49a	EGWO	9138,890615	3258,054298		K49a	09180K49a	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
24	3827,833572	2899,915882		34	N	09199N65a	EGWO	3827,833572	2605,205263		N65a	09199N65a	EGWO	19	32	13	5	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	13.9	5.45
14	3928,313314	3356,702488		45	N	09199N65a	STWO	3928,313314	3292,910471		N65a	09199N65a	STWO		13			16	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	7045,872929	3068,317638		117	K	09202K52b	STWO	7045,872929	3951,827977		K52b	09202K52b	STWO	44	44	0	5	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
36	4107,458913	2608,379387		7	F	09237F83a	EGWO	4107,458913	2397,165218		F83a	09237F83a	EGWO	32	42	10	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
5	3044,086235	3301,01368		156	F	09237F83a	STWO	3044,086235	3366,445023		F83a	09237F83a	STWO	7	8	1	-2	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-2.35
36	4670,886076	3357,194436		3	F	09245F76a	EGWO	4670,886076	3274,238469		F76a	09245F76a	EGWO	31	40	9	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
46	4885,884027	2640,000419		27	N	09253N68d	EGWO	4885,884027	2516,088242		N68d	09253N68d	EGWO	41	48	7	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
18	4618,89967	3597,409009		37	N	09253N68d	STWO	4618,89967	3473,965146		N68d	09253N68d	STWO	13	20	7	5	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
	8392,857143			2	A	09261A09a	EGWO	8392,857143			A09a	09261A09a	EGWO						61,162.852		51.2	61,162.852			
38	6265,822785	4373,065		1	A	09288A04e	STWO	6265,822785	3851,885493		A04e	09288A04e	STWO	39	40	1	-1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
14	3909,337635	3374,71327		64	N	09296N69l	STWO	3909,337635	3147,481333		N69l	09296N69l	STWO	15	20	5	-1	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-2.35
49	12961,74731	3643,219526		3	K	09318K49c	EGWO	12961,74731			K49c	09318K49c	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852			
	7616,27907	2848,050139		1	K	09318K49c	STWO	7616,27907	4011,163974		K49c	09318K49c	STWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
31	4880,226828	3351,841969		62	K	09326K91b	STWO	4880,226828	3400,215338		K91b	09326K91b	STWO	32	29	-3	-1	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-2.35
28	5175,323274	3704,953152		27	K	09334K59a	STWO	5175,323274	3485,401193		K59a	09334K59a	STWO	34	33	-1	-6	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
49	6932,758737	3013,814897		211	K	09342K52b	STWO	6932,758737	3920,788444		K52b	09342K52b	STWO	43	43	0	6	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	5.45
5	4687,393535	4649,049173		56	F	09350F76b	STWO	4687,393535	3686,929794		F76b	09350F76b	STWO	12	16	4	-7	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
49	6846,821699	3489,762122		75	E	09369E13a	STWO	6846,821699	4109,189257		E13a	09369E13a	STWO	42	40	-2	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	13623,37662	4747,116327		1	K	09377K59a	EGWO	11125,84985	4795,450877		K59a	09377K59a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
28	5484,566396	4245,070689		35	K	09377K59a	STWO	5484,566396	3547,713759		K59a	09377K59a	STWO	37	31	-6	-9	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-5.9	-10.15
33	6867,797427	4494,277403		6	A	09393A01e	EGWO	6867,797427	3584,490059		A01e	09393A01e	EGWO	44	49	5	-11	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-10.15
34	7002,164578	4522,72192		28	A	09393A01e	STWO	7002,164578	4126,313589		A01e	09393A01e	STWO	41	40	-1	-7	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
23	3513,93423	2933,931377		23	F	09407F81e	EGWO	3513,93423	2560,106399		F81e	09407F81e	EGWO	23	30	7	0	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
	10233,62526	3253,759682		4	K	09423K48c	EGWO	10233,62526	3857,315991		K48c	09423K48c	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	7470,324493	3779,874214		48	K	09423K48c	STWO	7470,324493	4365,287173		K48c	09423K48c	STWO	41	40	-1	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
39	6540,592336	3970,288432		15	N	09431N60a	EGWO	6540,592336	4294,363692		N60a	09431N60a	EGWO	27	34	7	12	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	13.25
38	6509,294122	4007,369123		16	N	09466N60a	EGWO	6509,294122	4138,716662		N60a	09466N60a	EGWO	31	36	5	7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
41	6503,060349	3817,153103		10	N	09474N60a	EGWO	6503,060349	4005,291715		N60a	09474N60a	EGWO	34	39	5	7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
44	6038,75	3427,059053		8	N	09482N60a	EGWO	6038,75	3491,630963		N60a	09482N60a	EGWO	32	42	10	12	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	13.25
35	5686,201729	3675,106374		27	N	09490N60a	EGWO	5686,201729	3958,076985		N60a	09490N60a	EGWO	27	32	5	8	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	9.35
38	6282,694598	3851,927969		27	N	09504N60a	EGWO	6282,694598	3936,364386		N60a	09504N60a	EGWO	30	37	7	8	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	9.35
32	4259,51005	3125,197708		5	N	09504N60a	STWO	4259,51005	3528,514217		N60a	09504N60a	STWO	27	25	-2	5	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
34	2645,928844	2233,16		40	N	09504N71g	STWO	2645,928844	3295,32144		N71g	09504N71g	STWO	28	29	1	6	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
39	5560,606061	4783,41		1	F	09512F88h	EGWO	5560,606061	4403,033274		F88h	09512F88h	EGWO	33	42	9	6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
46	6954,379551	3721,361306		91	M	09520M31a	STWO	6954,379551	4234,911433		M31a	09520M31a	STWO	39	40	1	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
27	5354,823653	3888,504943		162	K	09539K90a	STWO	5354,823653	3733,353371		K90a	09539K90a	STWO	31	29	-2	-4	24.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	-2.35
48	24993,068	5978,703417		107	E	09547E37f	STWO	24993,068	8237,73625		E37f	09547E37f	STWO	37	36	-1	11	46.8	61,162.852	7,085.2	151.6	61,162.852	10,468.296	-1.5	9.35
26	3939,92963	2910,235294		17	N	09563N65a	EGWO	3939,92963	2646,981796		N65a	09563N65a	EGWO	21	33	12	5	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
25	4231,822291	3152,125165		41	F	09571F78d	EGWO	4231,822291	2849,194313		F78d	09571F78d	EGWO	23	32	9	2	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
16	4468,980863	3756,91107		66	F	09571F78e	STWO	4468,980863	4170,666211		F78e	09571F78e	STWO	8	12	4	8	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
26	6052,824166	5045,84885		4	A	09598A00b	STWO	6052,824166	4076,466764		A00b	09598A00b	STWO	36	36	0	-10	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-10.15
37	4161,719969	2746,981235		23	F	09601F82d	EGWO	4161,719969	2611,301651		F82d	09601F82d	EGWO	30	39	9	7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
18	4177,130568			17	F	09601F82d	STWO	4177,130568			F82d	09601F82d	STWO	17	19	2	1	16	61,162.852		51.2	61,162.852		2.9	1.55
49	6721,507869	3385,201492		114	M	09628M29b	STWO	6721,507869	3995,605384		M29b	09628M29b	STWO	40	40	0	9	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
49	8519,124395	2685,667907		4	K	09644K48f	EGWO	8519,124395	3183,526475		K48f	09644K48f	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	7036,764543	3273,749288		28	K	09644K48f	STWO	7036,764543	4027,930193		K48f	09644K48f	STWO	45	43	-2	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	7072,550456	3093,686615		14	K	09652K52b	STWO	7072,550456	3969,849207		K52b	09652K52b	STWO	44	44	0	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
41	6406,178704	3968,66339		105	E	09660E14f	STWO	6406,178704	3921,355315		E14f	09660E14f	STWO	41	38	-3	0	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-3.7	1.55
40	6081,848003	3529,737984		97	K	09679K90d	STWO	6081,848003	3677,467682		K90d	09679K90d	STWO	35	36	1	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
48	6218,390805	2657,9592		1	M	09709M55g	STWO	6218,390805	3693,316571		M55g	09709M55g	STWO	38	39	1	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
32	6100,771381	4285,58261		25	N	09717N73g	EGWO	6100,771381	3835,590427		N73g	09717N73g	EGWO	34	40	6	-2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-2.35
35	6303,369801	4118,931157		64	N	09776N73f	EGWO	6303,369801	3519,799777		N73f	09776N73f	EGWO	37	43	6	-2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-2.35
48	4470	2362,47		1	N	09776N73f	STWO	4470	3251,081624		N73f	09776N73f	STWO		32			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	7122,779156	3621,110047		26	E	09822E18a	STWO	7122,779156	4028,300642		E18a	09822E18a	STWO	43	42	-1	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
43	3991,991602	2284,996005		13	F	09911F82d	EGWO	3965,952986	2231,67934		F82d	09911F82d	EGWO	34	44	10	9	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
18	4638,941623	3049,950053		2	F	09911F82d	STWO	4638,941623	3544,796825		F82d	09911F82d	STWO	19	19	0	-1	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
34	4150,27205	2726,080389		9	F	09938F78a	EGWO	4150,27205	2514,440884		F78a	09938F78a	EGWO	34	40	6	0	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
43	7534,090909			1	F	09938F78c	EGWO	7534,090909			F78c	09938F78c	EGWO	36	48	12	7	42.4	61,162.852		51.2	61,162.852		11.7	5.45
14	3908,864521	3362,506647		25	F	09938F78c	STWO	3908,864521	3196,599919		F78c	09938F78c	STWO	11	19	8	3	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
15	3981,459269	3366,654406		223	F	09938F78d	STWO	3981,459269	3194,966227		F78d	09938F78d	STWO	13	20	7	2	16	61,162.852	3,773.36	252	61,162.852	4,711.837	7.3	1.55
40	9582,195122	5994,093313		2	A	10189A06a	EGWO	9582,195122	4649,937497		A06a	10189A06a	EGWO	47	49	2	-7	38	61,162.852	7,085.2	51.2	61,162.852	4,711.837	2.9	-6.25
43	7449,233332	4455,688018		60	A	10189A06a	STWO	7449,233332	4293,709101		A06a	10189A06a	STWO	43	43	0	0	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
42	7867,941441	4822,333596		24	A	10197A02b	STWO	7867,941441	4358,669236		A02b	10197A02b	STWO	47	45	-2	-5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
39	7431,578111	4551,432858		52	A	10200A05b	STWO	7431,578111	4210,817212		A05b	10200A05b	STWO	43	43	0	-4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
29	4478,69602	3164,520865		20	N	10219N65c	EGWO	4478,69602	2950,400072		N65c	10219N65c	EGWO	25	34	9	4	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
48	6960,416667			2	A	10286A02d	STWO	6960,416667			A02d	10286A02d	STWO	48	47	-1	0	46.8	61,162.852		51.2	61,162.852		-1.5	1.55
38	4168,112442	2580,706355		31	F	10308F78b	EGWO	4168,112442	2371,108017		F78b	10308F78b	EGWO	34	43	9	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
49	7893,006013	2876,648044		28	K	10316K46a	STWO	7893,006013	4169,825183		K46a	10316K46a	STWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
37	6204,477433	3783,339565		7	A	10324A01g	STWO	6204,477433	4033,86259		A01g	10324A01g	STWO		36			38	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
41	5384,03784	3162,953		25	N	10340N60b	EGWO	5384,03784	2994,331339		N60b	10340N60b	EGWO	38	44	6	3	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
39	4937,007874	2494,086234		1	N	10340N60b	STWO	4937,007874	3319,349371		N60b	10340N60b	STWO	28	30	2	11	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
43	4662,251656	2894,51		1	N	10359N60b	EGWO	4662,251656			N60b	10359N60b	EGWO	38	45	7	5	42.4	61,162.852	3,773.36	51.2	61,162.852		7.3	5.45
48	4600,340031	2409,824625		7	N	10367N68c	EGWO	4600,340031	2397,106294		N68c	10367N68c	EGWO	46	48	2	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
16	4146,203444	3630,506166		94	N	10367N68c	STWO	4146,203444	3477,738395		N68c	10367N68c	STWO	14	16	2	2	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
40	5079,487179	3220,339601		12	N	10375N63a	EGWO	5079,487179	3181,988883		N63a	10375N63a	EGWO	31	40	9	9	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
47	3308,89204			1	M	10383M58b	STWO	3308,89204			M58b	10383M58b	STWO		38			46.8	61,162.852		51.2	61,162.852			
40	6821,71044	3995,09389		135	N	10472N73d	EGWO	6821,71044	3566,351697		N73d	10472N73d	EGWO	40	47	7	0	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	7.3	1.55

	5350,913995	3052,860217	[redacted]	2	N	10472N73d	STWO	5350,913995	3744,870306	[redacted]	N73d	10472N73d	STWO					61,162.852	3,773.36	51.2	61,162.852	4,711.837		
40	5922,48062	3059,57		1	N	10480N73d	EGWO	5922,48062	2991,601029		N73d	10480N73d	EGWO	40	47	7	0 38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
36	5904,692791	2587,731933		3	N	10480N73f	EGWO	5904,692791	2825,068015		N73f	10480N73f	EGWO	38	44	6	-2 38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-2.35
49	5209,700772	2684,29175		6	N	10480N73f	STWO	5209,700772	3517,354398		N73f	10480N73f	STWO		32		46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	7705,02978	3512,581857		20	K	10499K24d	STWO	7705,02978	4330,026919		K24d	10499K24d	STWO	44	44	0	5 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	7436,180739	3560,75228		198	K	10499K25d	STWO	7436,180739	4257,009648		K25d	10499K25d	STWO	43	43	0	6 46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
38	6632,953912	3975,956692		5	A	10502A00e	STWO	6632,953912	3947,851127		A00e	10502A00e	STWO	42	39	-3	-4 38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-2.35
7	3676,278616	3556,887362		221	F	10510F81e	STWO	3676,278616	3284,476379		F81e	10510F81e	STWO	8	11	3	-1 7.2	61,162.852	3,773.36	252	61,162.852	4,711.837	2.9	-2.35
28	4154,691007	3158,879208		14	F	10537F77f	EGWO	4154,691007	2875,219897		F77f	10537F77f	EGWO	24	33	9	4 29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
42	6162,037037	3708,84657		4	N	10553N62b	EGWO	6162,037037	3919,320455		N62b	10553N62b	EGWO	36	42	6	6 42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
42	6755,902056	3837,406125		17	N	10561N62b	EGWO	6755,902056	3985,781995		N62b	10561N62b	EGWO	33	39	6	9 42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	9.35
40	5573,614707	4238,147964		120	M	10588M56c	STWO	5573,614707	3847,251637		M56c	10588M56c	STWO	31	33	2	9 38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	9.35
27	3939,357215	2885,950092		24	F	10596F81e	EGWO	3939,357215	2567,71973		F81e	10596F81e	EGWO	27	35	8	0 24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
28	4030,434651	2957,930835		10	F	10618F78b	EGWO	4030,434651	2645,766249		F78b	10618F78b	EGWO	25	34	9	3 29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
29	4475,115376	3180,050294		11	F	10626F77a	EGWO	4475,115376	2860,28436		F77a	10626F77a	EGWO	24	36	12	5 29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
49	7046,893395	3397,645289		208	K	10634K54b	STWO	7046,893395	4069,30749		K54b	10634K54b	STWO	42	42	0	7 46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	5.45
40	4891,222752	2846,281227		10	N	10642N61b	STWO	4891,222752	3507,201431		N61b	10642N61b	STWO	29	25	-4	11 38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	9.35
49	7316,225616	3125,604615		77	K	10669K52a	STWO	7316,225616	4027,17252		K52a	10669K52a	STWO	45	45	0	4 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
29	3946,826491	2795,361333		15	N	10677N65a	EGWO	3946,826491	2527,920283		N65a	10677N65a	EGWO	23	36	13	6 29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	13.9	5.45
17	4765,384615	3478,609191		4	N	10677N65a	STWO	4765,384615	3780,073942		N65a	10677N65a	STWO		14		16	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
45	8288,549863	4541,851261		19	A	10685A06c	EGWO	8288,549863	3687,166116		A06c	10685A06c	EGWO	49	49	0	-4 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
40	7961,24346	4834,519281		158	A	10685A06c	STWO	7961,24346	4420,558208		A06c	10685A06c	STWO	44	45	1	-4 38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-2.35
45	7915,877383	4339,718697		9	A	10685A06l	EGWO	7915,877383	3469,998823		A06l	10685A06l	EGWO	49	49	0	-4 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
46	7836,280792	4262,539971		159	A	10685A06l	STWO	7836,280792	4300,255081		A06l	10685A06l	STWO	45	45	0	1 46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
43	7429,606394	4240,331958		17	A	10693A06l	EGWO	7429,606394	3471,538048		A06l	10693A06l	EGWO	49	49	0	-6 42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
46	7707,239384	4204,496108		222	A	10693A06l	STWO	7707,239384	4291,915349		A06l	10693A06l	STWO	44	44	0	2 46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	1.55
32	5232,132357	3545,970189		108	K	10707K90d	STWO	5232,132357	3532,295706		K90d	10707K90d	STWO	32	31	-1	0 33.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	1.55
31	7282,018426	5008,928072		12	A	10715A01e	STWO	7282,018426	4295,635047		A01e	10715A01e	STWO	42	41	-1	-11 29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
34	5329,785437	3602,966984		120	E	10723E37c	STWO	5329,785437	3785,176892		E37c	10723E37c	STWO	29	29	0	5 33.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
42	5522,504819	3904,752136		141	E	10723E38c	STWO	5522,504819	3844,167169		E38c	10723E38c	STWO	30	30	0	12 42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	13.25
40	6077,274562	4553,213268		36	M	10758M56c	STWO	6077,274562	4045,625071		M56c	10758M56c	STWO	32	33	1	8 38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
8	4306,97832	4743,071834		8	N	10766N68d	STWO	4306,97832	3891,676968		N68d	10766N68d	STWO	8	15	7	0 7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
46	6789,45121	3629,32176		3	M	10790M28c	EGWO	6789,45121	3333,196175		M28c	10790M28c	EGWO		49		46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
48	6518,541196	3364,599252		66	M	10790M28c	STWO	6518,541196	4022,133379		M28c	10790M28c	STWO	38	38	0	10 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
44	5768,551419	3232,112125		48	M	10820M55h	STWO	5768,551419	3786,451732		M55h	10820M55h	STWO	32	34	2	12 42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	13.25
9	3357,150415	3282,718877		131	F	10839F82c	STWO	3357,150415	3143,112573		F82c	10839F82c	STWO	6	8	2	3 7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	1.55
46	4701,492537	2189		1	N	10847N61b	EGWO	4701,492537	2303,622693		N61b	10847N61b	EGWO	40	48	8	6 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
40	4874,804461	2883,066782		31	N	10847N61b	STWO	4874,804461	3517,097518		N61b	10847N61b	STWO	28	25	-3	12 38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	13.25
47	7221,943282	3822,495258		7	A	10855A06g	EGWO	7221,943282	3266,572623		A06g	10855A06g	EGWO	49	49	0	-2 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
37	7620,225717	4815,747656		240	A	10855A06g	STWO	7620,225717	4337,248086		A06g	10855A06g	STWO	43	43	0	-6 38	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	-6.25
42	7933,935031	4280,553444		12	A	10863A06g	EGWO	7933,935031	3348,37844		A06g	10863A06g	EGWO	49	49	0	-7 42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
42	7538,701475	4456,52775		143	A	10863A06g	STWO	7538,701475	4279,721623		A06g	10863A06g	STWO	43	43	0	-1 42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-2.35
46	6085,409304	3269,497673		133	E	10871E38c	STWO	6085,409304	3834,515324		E38c	10871E38c	STWO	37	37	0	9 46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
48	6286,274147	3256,28793		98	E	10898E38c	STWO	6286,274147	4035,947104		E38c	10898E38c	STWO	36	36	0	12 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
	5378,947368	2437,222469		1	E	10928E36b	STWO	5378,947368	3471,038594		E36b	10928E36b	STWO					61,162.852	3,773.36	51.2	61,162.852	4,711.837		
44	4601,781995	2581,043188		27	F	10936F89c	EGWO	4601,781995	2459,955395		F89c	10936F89c	EGWO	38	47	9	6 42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
49	7206,746412	3414,985009		243	E	10944E18a	STWO	7193,732309	4134,235809		E18a	10944E18a	STWO	43	43	0	6 46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	5.45
32	3580,24935	2424,769809		37	N	10987N69m	EGWO	3580,24935	2375,213647		N69m	10987N69m	EGWO	22	34	12	10 33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	9.35
14	3760,82067	3198,254115		196	N	10987N69m	STWO	3760,82067	3077,220661		N69m	10987N69m	STWO	14	14	0	0 16	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
40	4447,610153	2671,613051		16	F	11002F85b	EGWO	4447,610153	2568,54597		F85b	11002F85b	EGWO	37	42	5	3 38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
42	4646,696024	2701,778169		15	F	11010F89c	EGWO	4646,696024	2508,307995		F89c	11010F89c	EGWO	37	46	9	5 42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
49	8098,148749	2701,44435		19	K	11029K46c	STWO	8098,148749	3984,12764		K46c	11029K46c	STWO				46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
	10021,73913	3062,993883		1	K	11037K46c	EGWO	10021,73913			K46c	11037K46c	EGWO					61,162.852	3,773.36	51.2	61,162.852			
49	7612,888087	2397,69		5	K	11037K46c	STWO	7612,888087			K46c	11037K46c	STWO				46.8	61,162.852	3,773.36	51.2	61,162.852			
49	11283,66762	2355,8486		1	K	11045K46a	EGWO	11283,66762			K46a	11045K46a	EGWO				46.8	61,162.852	3,773.36	51.2	61,162.852			
49	7569,763357	2463,564926		35	K	11045K46a	STWO	7569,763357	3927,760954		K46a	11045K46a	STWO				46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	10394,81293	3900,555897		2	K	11045K47d	EGWO	10394,81293	3940,795182		K47d	11045K47d	EGWO				46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	8251,317345	2987,0382		30	K	11045K47d	STWO	8251,317345	4176,153417		K47d	11045K47d	STWO	49	49	0	0 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
32	6783,660131	3902,579655		2	A	11096A01g	STWO	6783,660131	3920,693149		A01g	11096A01g	STWO		41		33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
30	6523,354958	4863,3125		2	A	11118A00b	EGWO	6523,354958	3883,767906		A00b	11118A00b	EGWO	39	45	6	-9 29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-10.15
26	5505,747126	4081,575		1	A	11118A00b	STWO	5505,747126	3636,585885		A00b	11118A00b	STWO	36	36	0	-10 24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-10.15
36	6959,459459	4800,548809		1	A	11126A00d	STWO	6959,459459	4041,99256		A00d	11126A00d	STWO	43	42	-1	-7 38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
38	4820,379676	2988,796717		9	N	11177N62a	EGWO	4820,379676	2858,331531		N62a	11177N62a	EGWO	33	40	7	5 38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
37	5180,144338	3195,68007		16	N	11185N62a	EGWO	5180,144338	3128,818529		N62a	11185N62a	EGWO	31	39	8	6 38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
25	5693,904624	4290,224033		109	K	11193K90a	STWO	5693,904624	3913,486397		K90a	11193K90a	STWO	31	29	-2	-6 24.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	-6.25
42	5281,701799	3765,794396		16	E	11258E38c	STWO	5281,701799	3967,604816		E38c	11258E38c	STWO	30	30	0	12 42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
47	6702,79533	3521,582846		50	E	11258E38d	STWO	6702,79533	4084,598974		E38d	11258E38d	STWO	39	39	0	8 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
27	5635,683687	4417,35048		60	E	11258E39a	STWO	5635,683687	3950,230121		E39a	11258E39a	STWO	20	29	9	7 24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
33	5017,214139	3304,472187		42	E	11258E39c	STWO	5017,214139	3568,060669		E39c	11258E39c	STWO	24	28	4	9 33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
27	4561,398055	3755,039479		58	E	11304E39a	STWO	4561,398055	3565,916619		E39a	11304E39a	STWO	21	22	1	6 24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
31	6110,415454	4227,798505		75	E	11312E39c	STWO	6110,415454	4047,718068		E39c	11312E39c	STWO		34		29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	6151,060559	2707,092854		64	M	11339M33e	EGWO	6151,060559	2698,864317		M33e	11339M33e	EGWO	49	49	0	0 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
31	5573,58282	3853,887425		126	M	11339M33e	STWO	5573,58282	3831,582705		M33e	11339M33e	STWO	31	31	0	0 29.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
49	6230,018923	3175,880683		216	E	11347E38c	STWO	6230,018923	3964,081701		E38c	11347E38c	STWO	36	36	0	13 46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	13.25
14	4741,991666	4067,617781		88	F	11355F89a	STWO	4741,991666	3682,92197		F89a	11355F89a	STWO	21	22	1	-7 16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
37	4944,372959	3115,427404		7	N	11363N67a	EGWO	4944,372959	2944,04712		N67a	11363N67a	EGWO	35	40	5	2 38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
49	6365,902968	2776,836885		90	K	11398K52b	STWO	6365,902968	3739,025882		K52b	11398K52b	STWO	41	41	0	8 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
43	4878,086845	2759,357474		14	F	11401F85b	EGWO	4878,086845	2667,280605		F85b	11401F85b	EGWO	37	45	8	6 42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
49	9210,722477	2491,814171		8	K	11428K59a	EGWO	9210,722477	3245,816335		K59a	11428K59a	EGWO	49	49	0	0 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
34	5877,260679	3850,712719		19	K	11428K59a	STWO	5877,260679	3693,327783		K59a	11428K59a	STWO	38	37	-1	-4 33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
15	3498,743791	2647,114405		13	F	11436F82c	STWO	3498,743791	3143,413781		F82c	11436F82c	STWO	8	10	2	7 16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
17	4120,011567	3258,091103		2	F	11444F78d	STWO	4120,011567			F78d	11444F78d	STWO	14	19	5	3 16	61,162.852	3,773.36	51.2	61,162.852		5.1	1.55
49	7282,457395	3585,962996		218	E	11460E16a	STWO	7282,457395	4254,21701		E16a	11460E16a	STWO	41	41	0	8 46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	9.35

49	5587,062937	2618,99585	[redacted]	2	M	11479M55g	EGWO	5587,062937	2619,035693	[redacted]	M55g	11479M55g	EGWO	47	49	2	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
47	6743,760385	3527,267766		104	M	11479M55g	STWO	6743,760385	3998,248855		M55g	11479M55g	STWO	38	40	2	9	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	9.35
46	6163,944656	3388,401899		71	M	11487M55g	EGWO	6163,944656	3023,795221		M55g	11487M55g	EGWO	45	49	4	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
49	6282,190373	3238,239124		64	M	11487M55g	STWO	6282,190373	3878,834225		M55g	11487M55g	STWO	35	38	3	14	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	13.25
49	7913,761869	3986,00495		2	A	11495A07g	EGWO	7913,761869	3276,285456		A07g	11495A07g	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
44	7343,637755	4083,660805		31	A	11495A07g	STWO	7343,637755	4122,594047		A07g	11495A07g	STWO	44	44	0	0	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7197,530864	3644,8221		1	A	11495A07h	EGWO	7197,530864	2896,105958		A07h	11495A07h	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7861,343107	3221,738878		6	A	11495A07h	STWO	7861,343107	4048,471666		A07h	11495A07h	STWO	48	48	0	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6979,005272	3464,987068		98	E	11525E14d	STWO	6979,005272	4173,803614		E14d	11525E14d	STWO	39	40	1	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	6870,133801	2778,762847		16	M	11533M56c	STWO	6870,133801	3807,673794		M56c	11533M56c	STWO	41	43	2	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
46	5950	2822,219826		1	N	11576N61b	EGWO	5950	2746,259129		N61b	11576N61b	EGWO	40	48	8	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
35	4604,036874	3073,533978		97	N	11576N61b	STWO	4604,036874	3509,81535		N61b	11576N61b	STWO	26	25	-1	9	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
49	7104,00003	3110,795426		48	K	11584K24b	STWO	7104,00003	4037,959874		K24b	11584K24b	STWO	44	43	-1	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	7184,335269	3412,328404		89	K	11584K24c	STWO	7184,335269	4233,724806		K24c	11584K24c	STWO	43	43	0	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	7343,316923	3473,669525		96	K	11584K24d	STWO	7343,316923	4228,470334		K24d	11584K24d	STWO	43	42	-1	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	7294,550179	3725,490591		71	K	11584K24e	STWO	7294,550179	4181,906682		K24e	11584K24e	STWO	42	42	0	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
42	6285,12736	4240,728831		102	K	11584K25c	STWO	6285,12736	4047,706919		K25c	11584K25c	STWO	36	36	0	6	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
49	6913,757609	3343,012719		79	K	11584K25d	STWO	6913,757609	4110,35291		K25d	11584K25d	STWO	42	40	-2	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	6356,443385	3210,112387		79	E	11614E38c	STWO	6356,443385	4007,795256		E38c	11614E38c	STWO	37	37	0	12	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
49	7524,368761	3015,035244		13	M	11622M55h	EGWO	7524,368761	3048,890388		M55h	11622M55h	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
11	4005,967124	3123,986608		13	F	11630F76a	STWO	4005,967124	3579,938313		F76a	11630F76a	STWO	9	12	3	2	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
49	8154,139434	3294,965644		18	M	11649M55h	EGWO	8154,139434	3236,75407		M55h	11649M55h	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
41	6274,509804	2570,976253		1	M	11649M55h	STWO	6274,509804	3650,009904		M55h	11649M55h	STWO	31	34	3	10	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
12	4378,893469	3979,761941		24	F	11657F89b	STWO	4378,893469	3584,470744		F89b	11657F89b	STWO	18	18	0	-6	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
49	6677,05432	3372,848273		83	E	11665E75b	STWO	6677,05432	4020,025704		E75b	11665E75b	STWO	39	40	1	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	6597,087379	3026,344345		1	M	11673M56c	EGWO	6597,087379	3032,682067		M56c	11673M56c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
44	6204,699233	3461,255852		82	M	11673M56c	STWO	6204,699233	3840,730508		M56c	11673M56c	STWO	36	38	2	8	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
49	8199,019608	3294,976262		10	M	11711M55h	EGWO	8199,019608	3240,970741		M55h	11711M55h	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
41	7076,923077	3236,934709		1	M	11711M55h	STWO	7076,923077	3938,413772		M55h	11711M55h	STWO	31	34	3	10	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
5	3263,974744	3151,262261		50	T	11738T93d	STWO	3263,974744	2905,625837		T93d	11738T93d	STWO	6	8	2	-1	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
	6560,43956	3052,237747		1	M	11746M32d	STWO	6560,43956	3751,296449		M32d	11746M32d	STWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
38	5069,354278	3130,647041		34	N	11797N60c	EGWO	5069,354278	3056,239313		N60c	11797N60c	EGWO	33	40	7	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
27	5338,8623	4587,409647		31	N	11797N60c	STWO	5338,8623	3854,703193		N60c	11797N60c	STWO	21	24	3	6	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
44	4309,327823	2407,003165		9	N	11800N69a	EGWO	4309,327823	2382,676124		N69a	11800N69a	EGWO	39	45	6	5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
49	6874,276587	3121,316735		43	K	11827K44a	STWO	6874,276587	3937,63577		K44a	11827K44a	STWO	42	42	0	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	4590,6298	2351,011707		21	N	11843N70b	EGWO	4590,6298	2378,140458		N70b	11843N70b	EGWO	39	48	9	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
42	6908,200876	3687,572204		10	A	11851A04c	STWO	6908,200876	3954,815748		A04c	11851A04c	STWO	39	43	4	3	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
40	7029,439144	4254,334163		22	A	11878A04c	STWO	7029,439144	4023,275202		A04c	11878A04c	STWO	39	41	2	1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
27	3654,826468	2653,215714		21	F	11886F81e	EGWO	3654,826468	2395,518616		F81e	11886F81e	EGWO	29	35	6	-2	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-2.35
49	8648,977889	4301,267786		3	A	11894A07e	EGWO	8648,977889	3639,592013		A07e	11894A07e	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
38	7700,709086	4761,148774		239	A	11894A07e	STWO	7700,709086	4442,848031		A07e	11894A07e	STWO	42	42	0	-4	38	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	-2.35
28	5289,524865	4103,522822		84	M	11908M31c	STWO	5289,524865	3732,368979		M31c	11908M31c	STWO	27	30	3	1	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
39	4361,660719	2399,202494		40	N	11959N65c	EGWO	4361,660719	2383,164948		N65c	11959N65c	EGWO	35	43	8	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
39	4325,710802	2659,19912		16	F	11967F76a	EGWO	4325,710802	2537,407835		F76a	11967F76a	EGWO	32	42	10	7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
48	6442,996743	3314,839158		1	K	12017K24c	EGWO	6442,996743			K24c	12017K24c	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852			
49	7678,924451	3548,885407		207	K	12017K24c	STWO	7678,924451	4232,167766		K24c	12017K24c	STWO	45	44	-1	4	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	5.45
49	7784,094161	3560,418991		47	K	12017K24d	STWO	7784,094161	4330,485617		K24d	12017K24d	STWO	45	44	-1	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	7957,362636	2821,6553		105	K	12033K47a	STWO	7957,362636	4152,650538		K47a	12033K47a	STWO	49	49	0	0	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
49	6820,057409	2533,669572		16	K	12033K47e	STWO	6820,057409	3756,89571		K47e	12033K47e	STWO	45	45	0	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	7772,482063	3019,717905		156	K	12033K47f	STWO	7772,482063	4230,472643		K47f	12033K47f	STWO	48	48	0	1	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
49	7624,365482	2812,349438		1	M	12041M56c	EGWO	7624,365482	2801,618083		M56c	12041M56c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6565,906213	2692,606271		59	M	12041M56c	STWO	6565,906213	3744,406195		M56c	12041M56c	STWO	41	38	-3	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	9.35
25	3922,233194	2949,813316		20	F	12068F81e	EGWO	3922,233194	2592,882602		F81e	12068F81e	EGWO	26	34	8	-1	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	-2.35
49	6709,0281	3415,531333		128	E	12076E16a	STWO	6709,0281	3966,00631		E16a	12076E16a	STWO	40	41	1	9	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
45	6369,506785	3567,749197		148	E	12084E16a	STWO	6369,506785	3916,014024		E16a	12084E16a	STWO	38	41	3	7	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	5.45
49	6869,705813	3417,526322		186	E	12084E16b	STWO	6869,705813	4035,582196		E16b	12084E16b	STWO	40	41	1	9	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
30	4133,792675	2905,232855		47	F	12092F78d	EGWO	4133,792675	2643,771006		F78d	12092F78d	EGWO	27	36	9	3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
49	8529,507499	3913,284324		10	A	12114A07g	EGWO	8529,507499	3462,174146		A07g	12114A07g	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
45	7896,674863	4366,197441		41	A	12114A07g	STWO	7896,674863	4298,381365		A07g	12114A07g	STWO	46	46	0	-1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	7810,453216	3500,48095		2	A	12114A07h	EGWO	7810,453216			A07h	12114A07h	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852		0.7	1.55
48	7305,909839	3812,305317		21	A	12114A07h	STWO	7305,909839	4025,52212		A07h	12114A07h	STWO	46	45	-1	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	7087,5	3738,9579		1	E	12122E21b	EGWO	7087,5	3205,916482		E21b	12122E21b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7910,675964	3548,851733		115	E	12122E21b	STWO	7910,675964	4377,293094		E21b	12122E21b	STWO	45	44	-1	4	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
6	4847,888976	4773,225779		56	F	12130F76b	STWO	4847,888976	3708,969961		F76b	12130F76b	STWO	12	16	4	-6	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
48	4741,109508	2459,613452		16	N	12149N70b	EGWO	4741,109508	2486,410498		N70b	12149N70b	EGWO	37	48	11	11	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	9.35
32	4528,316425	2960,367864		23	N	12157N60c	STWO	4528,316425	3447,601722		N60c	12157N60c	STWO	21	24	3	11	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
25	5873,250776	4384,01778		82	K	12173K90a	STWO	5873,250776	3967,716091		K90a	12173K90a	STWO	31	31	0	-6	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
6	3380,265385	3234,679869		48	T	12181T93d	STWO	3380,265385	2972,739995		T93d	12181T93d	STWO	8	12	4	-2	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
35	4572,176286	2945,447516		23	F	12203F76a	EGWO	4572,176286	2785,582975		F76a	12203F76a	EGWO	29	39	10	6	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
7	4426,919642	4216,952685		72	F	12203F76a	STWO	4426,919642	3673,850987		F76a	12203F76a	STWO	10	17	7	-3	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	-2.35
19	4149,286521	2917,197199		14	F	12211F81c	STWO	4149,286521	3228,469225		F81c	12211F81c	STWO	14	22	8	5	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
40	6877,192982	5174,66		1	A	12254A09h	STWO	6877,192982	4188,222452		A09h	12254A09h	STWO	39	40	1	1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
33	4339,778987	2802,32696		24	F	12262F81e	EGWO	4339,778987	2450,504287		F81e	12262F81e	EGWO	33	40	7	0	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
49	6949,959626	3503,581081		87	K	12319K54a	STWO	6949,959626	4133,731423		K54a	12319K54a	STWO	41	40	-1	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
49	6483,52975	3039,582683		35	K	12319K54b	STWO	6483,52975	3854,372354		K54b	12319K54b	STWO	41	41	0	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
48	7099,654131	3708,913408		121	K	12335K52h	STWO	7099,654131	3932,669752		K52h	12335K52h	STWO	44	45	1	4	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
49	10636,10554	2837,271786		2	K	12343K47a	EGWO	10636,10554	3759,835728		K47a	12343K47a	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	8043,921536	2685,429291		28	K	12343K47a	STWO	8043,921536	4064,57974		K47a	12343K47a	STWO		48			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
28	6019,565217	2666,271589		4	K	12378K91c	STWO	6019,565217	3581,339414		K91c	12378K91c	STWO	29	27	-2	-1	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
49	7363,150593	4646,475262		3	A	12386A05d	EGWO	7363,150593	3605,154966		A05d	12386A05d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
47	7689,643086	3932,499799		9	A	12386A05d	STWO	7689,643086	4146,274646		A05d	12386A05d	STWO	46	46	0	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
46	7368,852459	4249,70466		1	N	12394N73h	EGWO	7368,852459	3641,720186		N73h	12394N73h	EGWO	43	49	6	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
49	6692,018925	2669,985846		38	M	12408M56b	STWO	6692,018925	3753,002504		M56b	12408M56b	STWO	40	44	4	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35

49	7598,472866	2774,987947	[redacted]	34	M	12408M56c	EGWO	7598,472866	2887,210571	[redacted]	M56c	12408M56c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6441,414821	2685,031397		39	M	12408M56c	STWO	6441,414821	3725,579123		M56c	12408M56c	STWO	39	38	-1	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
49	4675,398732	2398,639898		9	N	12416N70b	EGWO	4675,398732	2441,655225		N70b	12416N70b	EGWO	39	48	9	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
49	6790,482781	2598,106903		6	M	12424M56c	EGWO	6790,482781	2741,242202		M56c	12424M56c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6572,336263	2716,531076		7	M	12424M56c	STWO	6572,336263	3758,936658		M56c	12424M56c	STWO	41	38	-3	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	9.35
38	3857,05429	2732,64		16	N	12440N68d	EGWO	3857,05429	2484,06191		N68d	12440N68d	EGWO	34	41	7	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
35	5069,957179	3059,587474		27	N	12459N61b	STWO	5069,957179	3611,607879		N61b	12459N61b	STWO	28	25	-3	7	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	5.45
32	6568,590754	3629,608803		4	A	12467A01g	STWO	6568,590754	3838,355783		A01g	12467A01g	STWO		41			33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	7540,669856	3818,6632		1	A	12475A02c	EGWO	7540,669856	3069,514476		A02c	12475A02c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
40	7409,303097	4902,0339		15	A	12475A02c	STWO	7409,303097	4284,390396		A02c	12475A02c	STWO	44	43	-1	-4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
31	7214,53081	4833,490552		9	A	12483A00d	STWO	7214,53081	4280,465257		A00d	12483A00d	STWO	41	40	-1	-10	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
	7169,014085	4614,972167		1	A	12491A01g	EGWO	7169,014085	3335,68736		A01g	12491A01g	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
32	7294,859307	4121,319578		4	A	12491A01g	STWO	7294,859307	4108,605343		A01g	12491A01g	STWO		41			33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
35	7339,955424	4782,960038		9	A	12505A03f	STWO	7339,955424	4341,476852		A03f	12505A03f	STWO	41	40	-1	-6	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
33	3995,855203	2729,874779		13	F	12513F81b	EGWO	3995,855203	2433,280206		F81b	12513F81b	EGWO	33	39	6	0	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
21	3975,162504	2724,212671		64	F	12513F81b	STWO	3975,162504	3195,195727		F81b	12513F81b	STWO	16	20	4	5	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
28	4202,522862	3088,092169		37	F	12521F77f	EGWO	4202,522862	2805,111596		F77f	12521F77f	EGWO	24	33	9	4	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
32	6631,10732	4442,012406		12	A	12580A00a	EGWO	6631,10732	3386,092443		A00a	12580A00a	EGWO	42	48	6	-10	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-10.15
34	6846,46473	4521,385779		31	A	12580A00a	STWO	6846,46473	4074,054207		A00a	12580A00a	STWO	41	40	-1	-7	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
35	6633,333333	4782,7482		1	A	12580A00c	EGWO	6633,333333	3689,397384		A00c	12580A00c	EGWO	44	49	5	-9	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-10.15
30	6766,103465	4790,193272		41	A	12580A00c	STWO	6766,103465	4080,538719		A00c	12580A00c	STWO	40	39	-1	-10	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
43	7634,49263	4361,539498		6	A	12580A04d	EGWO	7634,49263	3647,843615		A04d	12580A04d	EGWO	49	49	0	-6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
36	6905,425288	4431,443412		71	A	12580A04d	STWO	6905,425288	4099,143463		A04d	12580A04d	STWO	40	41	1	-4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
33	6067,023918	4579,541113		19	A	12580A04e	STWO	6067,023918	3967,076015		A04e	12580A04e	STWO	39	40	1	-6	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
49	6750,44867	2948,024404		79	K	12602K52b	STWO	6750,44867	3865,670119		K52b	12602K52b	STWO	42	43	1	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	7309,081446	3766,346237		6	K	12629K44d	EGWO	7309,081446	3591,611883		K44d	12629K44d	EGWO	47	49	2	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
49	6638,184302	3062,920963		40	K	12629K44d	STWO	6638,184302	3868,589409		K44d	12629K44d	STWO	42	41	-1	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	8083,710074	2379,819525		8	K	12645K90c	EGWO	8083,710074	2552,293928		K90c	12645K90c	EGWO	48	49	1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
33	4980,32474	3295,918717		31	N	12653N60a	STWO	4980,32474	3687,601256		N60a	12653N60a	STWO	23	25	2	10	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
32	4673,998479	3153,032879		17	N	12661N60a	STWO	4673,998479	3594,988038		N60a	12661N60a	STWO	22	25	3	10	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
49	7495,781474	2837,069117		8	E	12726E20b	STWO	7495,781474	4009,502808		E20b	12726E20b	STWO	47	47	0	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7432,195986	3001,063039		25	E	12726E20c	STWO	7432,195986	4061,382692		E20c	12726E20c	STWO	46	45	-1	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	7749,485339	2838,286233		22	E	12726E22b	STWO	7721,593855	4021,634762		E22b	12726E22b	STWO	49	47	-2	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	6435,412574	3084,166773		42	E	12734E37d	STWO	6435,412574	3924,049277		E37d	12734E37d	STWO	40	39	-1	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
49	7517,869221	3354,063221		28	K	12742K24b	STWO	7517,869221	4219,973209		K24b	12742K24b	STWO	45	44	-1	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	7784,953076	3657,631746		15	K	12742K24e	STWO	7784,953076	4364,537534		K24e	12742K24e	STWO	44	44	0	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	8283,768545	3856,618547		85	K	12750K24b	STWO	8283,768545	4551,433526		K24b	12750K24b	STWO	45	44	-1	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	8066,601988	3660,957715		90	K	12750K24c	STWO	8066,601988	4407,619095		K24c	12750K24c	STWO	47	45	-2	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
	6882,352941	3986,5188		1	K	12750K24d	EGWO	6882,352941	3317,524218		K24d	12750K24d	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	7929,320191	3656,761834		77	K	12750K24d	STWO	7929,320191	4354,331645		K24d	12750K24d	STWO	45	44	-1	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
48	7209,093422	4024,32065		3	K	12750K24e	EGWO	7209,093422	3339,23096		K24e	12750K24e	EGWO	49	49	0	-1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	7549,209095	3543,035387		238	K	12750K24e	STWO	7549,209095	4334,238387		K24e	12750K24e	STWO	44	43	-1	5	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	5.45
49	6690,060164	3069,913642		46	E	12769E16a	STWO	6690,060164	3929,105223		E16a	12769E16a	STWO	41	41	0	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	7025,39734	2642,990186		130	K	12777K47g	STWO	7025,39734	3839,062768		K47g	12777K47g	STWO	44	45	1	5	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
49	8922,651071	2418,583952		21	K	12831K49b	EGWO	8922,651071	3078,500497		K49b	12831K49b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7368,950904	2516,35348		62	K	12831K49b	STWO	7368,950904	3869,698333		K49b	12831K49b	STWO	49	47	-2	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	9095,610592	2418,177886		7	K	12831K49d	EGWO	9095,610592	3099,966413		K49d	12831K49d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7402,188447	2566,347056		71	K	12831K49d	STWO	7402,188447	3891,567518		K49d	12831K49d	STWO	49	48	-1	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	8652,146955	2436,94486		7	K	12831K49e	EGWO	8652,146955	3059,643443		K49e	12831K49e	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7323,0008	2579,519224		93	K	12831K49e	STWO	7323,0008	3901,592651		K49e	12831K49e	STWO	49	47	-2	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	6920,768236	2959,823968		70	K	12858K52b	STWO	6920,768236	3904,301425		K52b	12858K52b	STWO	43	43	0	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	7236,23384	3410,282012		338	E	12866E40a	STWO	7236,23384	4240,384602		E40a	12866E40a	STWO	44	42	-2	5	46.8	61,162.852	3,773.36	352.4	61,162.852	4,711.837	-1.5	5.45
49	6917,059937	3256,171883		315	E	12874E40a	STWO	6917,059937	4135,536454		E40a	12874E40a	STWO	40	40	0	9	46.8	61,162.852	3,773.36	352.4	61,162.852	4,711.837	0.7	9.35
49	6159,298226	3078,322256		188	E	12890E37f	STWO	6159,298226	3901,192002		E37f	12890E37f	STWO	37	36	-1	12	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	13.25
31	5777,187654	3952,732938		44	K	12904K90c	STWO	5777,187654	3799,435697		K90c	12904K90c	STWO	30	32	2	1	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
45	7644,882833	4381,754858		4	A	12939A06k	EGWO	7644,882833	3522,406728		A06k	12939A06k	EGWO	49	49	0	-4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
41	6723,122841	5052,683745		30	A	12939A06k	STWO	6723,122841	4505,657912		A06k	12939A06k	STWO	45	45	0	-4	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	6860,417491	3579,185725		8	M	12955M27b	EGWO	6860,417491	3145,729291		M27b	12955M27b	EGWO	48	49	1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6657,7695	2910,029099		63	M	12955M27b	STWO	6657,7695	3883,73133		M27b	12955M27b	STWO	42	42	0	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
31	5442,210472	3730,305421		77	K	12963K90a	STWO	5442,210472	3646,164375		K90a	12963K90a	STWO	34	33	-1	-3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
49	7303,136843	3641,787258		111	E	12998E16a	STWO	7303,136843	4283,745632		E16a	12998E16a	STWO	40	41	1	9	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
49	7452,264311	3622,458449		23	E	12998E16b	STWO	7452,264311	4339,269293		E16b	12998E16b	STWO	42	42	0	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
	8264,530075			10	E	12998E16c	EGWO	8264,530075			E16c	12998E16c	EGWO						61,162.852		51.2	61,162.852			
45	7458,729742	3925,787824		209	E	12998E16c	STWO	7458,729742	4239,605229		E16c	12998E16c	STWO	43	42	-1	2	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	1.55
49	6803,278689	3036,38485		1	M	13005M55h	EGWO	6803,278689	3198,171802		M55h	13005M55h	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
48	6226,605664	3226,558359		81	E	13021E38c	STWO	6226,605664	4020,546804		E38c	13021E38c	STWO	35	35	0	13	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
8	4347,342237	4227,472188		35	F	13048F78a	STWO	4347,342237	3588,293098		F78a	13048F78a	STWO	16	16	0	-8	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
34	4045,894245	2679,162328		19	F	13048F78b	EGWO	4045,894245	2491,056686		F78b	13048F78b	EGWO	29	38	9	5	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
40	5346,044189	3277,0772		24	N	13056N63a	EGWO	5346,044189	3278,608072		N63a	13056N63a	EGWO	32	40	8	8	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	9.35
43	4894,234967	2811,205525		19	N	13064N68f	EGWO	4894,234967	2543,475991		N68f	13064N68f	EGWO	40	48	8	3	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
35	6618,593928	3909,540985		16	A	13099A00c	STWO	6618,593928	4063,292887		A00c	13099A00c	STWO	42	39	-3	-7	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-6.25
41	6257,71287	3622,373036		71	M	13102M32a	STWO	6257,71287	3974,032804		M32a	13102M32a	STWO	36	36	0	5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
28	3940,103416	2840,580486		27	F	13110F83a	EGWO	3940,103416	2562,691126		F83a	13110F83a	EGWO	28	35	7	0	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
49	5687,365143	2573,68469		6	K	13137K90d	EGWO	5687,365143	2637,101304		K90d	13137K90d	EGWO	48	49	1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
29	3861,773916	3178,114545		33	N	13161N65c	EGWO	3861,773916	2900,067139		N65c	13161N65c	EGWO	25	33	8	4	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
41	7388,341844	4314,904624		10	A	13196A06a	EGWO	7388,341844	3517,346886		A06a	13196A06a	EGWO	47	49	2	-6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
41	7708,318862	4579,71021		270	A	13196A06a	STWO	7708,318862	4396,159869		A06a	13196A06a	STWO	43	43	0	-2	42.4	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	-2.35
24	6464,285714	4851,8093		1	A	13218A01b	EGWO	6464,285714	3730,042978		A01b	13218A01b	EGWO	38	47	9	-14	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	-14.05
29	7735,093391	5526,937421		12	A	13218A01b	STWO	7735,093391	4511,020495		A01b	13218A01b	STWO	41	40	-1	-12	29.2	61,162.852	7,085.2	51.2	61,162.852	4,711.837	-1.5	-10.15
46	8522,06007	4195,968969		3	K	13226K24a	EGWO	8522,06007	3623,062348		K24a	13226K24a	EGWO	49	49	0	-3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	7554,432214	3432,386051		207	K	13226K24a	STWO	7554,432214	4187,218689		K24a	13226K24a	STWO	45	44	-1	4	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	5.45
48	7472,938331	3883,836531		79	K	13226K24d	STWO	7472,938331	4326,110509		K24d	13226K24d	STWO	43	42	-1	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
48	6412,044696	3044,1593		4	K	13226K24e	EGWO	6412,044696	2846,917808		K24e	13226K24e	EGWO	49	49	0	-1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35

49	7455,587691	3549,633255	[redacted]	534	K	13226K24e	STWO	7455,587691	4243,305876	[redacted]	K24e	13226K24e	STWO	43	42	-1	6	46.8	61,162.852	3,773.36	553.2	61,162.852	4,711.837	-1.5	5.45
49	7316,483749	3371,245796		107	M	13234M27b	STWO	7316,483749	4169,650016		M27b	13234M27b	STWO	43	42	-1	6	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
28	6206,853439	4444,491463		24	K	13242K52g	STWO	6206,853439	4057,905852		K52g	13242K52g	STWO	34	35	1	-6	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
44	6886,790157	3879,118151		97	K	13242K52h	STWO	6886,790157	4120,863754		K52h	13242K52h	STWO	41	40	-1	3	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
41	5900,027328	3504,081274		16	M	13250M57a	STWO	5900,027328	4154,560951		M57a	13250M57a	STWO	27	29	2	14	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	13.25
37	5709,799383	3560,895624		24	N	13269N62b	EGWO	5709,799383	3479,717647		N62b	13269N62b	EGWO	33	39	6	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
49	6826,210084	3299,353162		69	K	13285K26a	STWO	6826,210084	4023,001659		K26a	13285K26a	STWO	40	41	1	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
44	5615,611124	3029,223378		155	E	13293E37c	STWO	5615,611124	3786,298441		E37c	13293E37c	STWO	32	32	0	12	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	13.25
35	6900,451227	4491,522015		32	A	13358A01e	STWO	6858,276816	4111,286384		A01e	13358A01e	STWO	40	40	0	-5	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
49	6369,623859	3522,719567		3	M	13366M27b	EGWO	6369,623859	2917,02841		M27b	13366M27b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6872,513555	3022,03628		118	M	13366M27b	STWO	6872,513555	3956,577011		M27b	13366M27b	STWO	44	43	-1	5	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
49	7003,041364	2973,801719		93	K	13374K52a	STWO	7003,041364	3907,391652		K52a	13374K52a	STWO	44	44	0	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
44	5651,383582	3080,639806		70	E	13382E37c	STWO	5651,383582	3820,659154		E37c	13382E37c	STWO	33	32	-1	11	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
30	3807,681326	2649,123919		31	F	13390F83a	EGWO	3807,681326	2400,587824		F83a	13390F83a	EGWO	29	37	8	1	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
49	6727,416481	3348,770125		107	K	13404K54d	STWO	6727,416481	4038,258968		K54d	13404K54d	STWO	41	40	-1	8	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	9.35
31	7814,710817	5541,411771		6	A	13412A00d	STWO	7814,710817	4435,234734		A00d	13412A00d	STWO	44	43	-1	-13	29.2	61,162.852	7,085.2	51.2	61,162.852	4,711.837	-1.5	-14.05
49	6194,960255	3143,151391		179	E	13420E38c	STWO	6194,960255	3944,374501		E38c	13420E38c	STWO	36	36	0	13	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	13.25
49	7197,607286	3598,28321		108	E	13447E14d	STWO	7197,607286	4272,64228		E14d	13447E14d	STWO	40	41	1	9	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
49	7331,769998	3647,515155		100	E	13447E14e	STWO	7331,769998	4331,124843		E14e	13447E14e	STWO	40	41	1	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
43	7451,62728	4155,424591		15	A	13455A04h	EGWO	7451,62728	3269,814235		A04h	13455A04h	EGWO	49	49	0	-6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
40	7403,018309	4541,306841		95	A	13455A04h	STWO	7403,018309	4213,590608		A04h	13455A04h	STWO	42	44	2	-2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
49	6672,809069	3271,539844		134	K	13471K44b	STWO	6672,809069	3985,867714		K44b	13471K44b	STWO	37	40	3	12	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	13.25
43	6877,808053	3815,218678		77	A	13528A06i	STWO	6877,808053	3984,008586		A06i	13528A06i	STWO	43	42	-1	0	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
6	4140,422244	4193,057893		153	N	13544N68c	STWO	4140,422244	3608,142613		N68c	13544N68c	STWO	10	12	2	-4	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	-2.35
49	5568,635103	2431,051254		26	K	13579K91c	EGWO	5568,635103	2542,65271		K91c	13579K91c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	5693,661728	2837,510581		7	K	13595K90i	EGWO	5693,661728	2780,289544		K90i	13595K90i	EGWO	48	49	1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
40	6110,194376	3684,359349		31	K	13595K90i	STWO	6110,194376	3642,821509		K90i	13595K90i	STWO	41	40	-1	-1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
40	4460,858782	2679,303117		31	N	13609N68d	EGWO	4460,858782	2559,382931		N68d	13609N68d	EGWO	41	43	2	-1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
32	5231,125969	3535,384679		7	N	13617N65b	EGWO	5231,125969	3375,375963		N65b	13617N65b	EGWO	25	35	10	7	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
23	5090,540886	4286,206986		47	K	13625K91c	STWO	5090,540886	3851,161189		K91c	13625K91c	STWO	29	24	-5	-6	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-5.9	-6.25
49	7504,755585	3458,539		2	A	13633A05d	EGWO	7504,755585	3217,186164		A05d	13633A05d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
37	6844,655625	4280,924687		108	A	13633A05d	STWO	6844,655625	4089,929132		A05d	13633A05d	STWO	41	40	-1	-4	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	-2.35
31	6523,91193	4384,206601		3	A	13676A09c	STWO	6523,91193	3968,403024		A09c	13676A09c	STWO	35	37	2	-4	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
5	3090,724845	3174,323708		314	T	13684T94c	STWO	3090,724845	2994,561635		T94c	13684T94c	STWO	5	6	1	0	7.2	61,162.852	3,773.36	352.4	61,162.852	4,711.837	0.7	1.55
49	10610,67834	2708,642322		14	K	13730K49a	EGWO	10610,67834	3629,09742		K49a	13730K49a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
44	6051,476088	3083,639666		79	E	13757E37c	STWO	6051,476088	3893,909877		E37c	13757E37c	STWO	35	36	1	9	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	5854,854739	2431,698383		27	K	13773K90d	EGWO	5854,854739	2606,342465		K90d	13773K90d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
32	4826,686103	3277,688592		24	F	13811F76a	EGWO	4826,686103	3086,509576		F76a	13811F76a	EGWO	27	36	9	5	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
18	3765,047083	3097,036232		193	N	13846N69m	STWO	3765,047083	2968,539531		N69m	13846N69m	STWO	16	19	3	2	16	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	1.55
23	4373,835087	3175,693115		76	F	13854F82d	STWO	4373,835087	3466,671919		F82d	13854F82d	STWO	20	22	2	3	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
47	4317,331629	3542,399091		71	M	13862M58b	STWO	4317,331629	4261,308813		M58b	13862M58b	STWO		38			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
33	5703,937369	3785,812446		35	N	13870N66d	EGWO	5703,937369	3209,426938		N66d	13870N66d	EGWO	36	41	5	-3	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-2.35
5	2810,96768	3035,062809		340	T	13889T93g	STWO	2810,96768	2888,296993		T93g	13889T93g	STWO	5	5	0	0	7.2	61,162.852	3,773.36	352.4	61,162.852	4,711.837	0.7	1.55
40	6993,886008	3318,978476		2	A	13919A05b	EGWO	6993,886008			A05b	13919A05b	EGWO	46	49	3	-6	38	61,162.852	3,773.36	51.2	61,162.852		2.9	-6.25
40	7019,414722	3981,134778		78	A	13919A05b	STWO	7019,414722	4116,817181		A05b	13919A05b	STWO	42	41	-1	-2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
39	5763,059466	3760,107467		91	A	13919A05c	STWO	5763,059466	3793,847028		A05c	13919A05c	STWO	39	36	-3	0	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	1.55
37	6906,15601	4146,604597		6	A	13935A05c	EGWO	6906,15601	3458,756741		A05c	13935A05c	EGWO	43	49	6	-6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-6.25
39	7377,055312	4533,013166		224	A	13935A05c	STWO	7377,055312	4250,291544		A05c	13935A05c	STWO	42	42	0	-3	38	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	-2.35
49	6679,882667	3096,106693		64	K	13943K44a	STWO	6679,882667	3890,423829		K44a	13943K44a	STWO	42	42	0	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	6742,976622	3116,737633		172	K	13943K44b	STWO	6742,976622	3933,631432		K44b	13943K44b	STWO	41	42	1	8	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
49	6697,129074	3295,249627		165	K	13943K44e	STWO	6697,129074	3998,695233		K44e	13943K44e	STWO	40	40	0	9	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
38	7517,647059	4840,2961		1	A	13951A05c	EGWO	7517,647059	3935,030383		A05c	13951A05c	EGWO	43	49	6	-5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-6.25
36	7193,297737	4600,731841		78	A	13951A05c	STWO	7193,297737	4152,14633		A05c	13951A05c	STWO	43	42	-1	-7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
	5171,617162	3326,9852		1	A	13951A05g	STWO	5171,617162			A05g	13951A05g	STWO	36					61,162.852	3,773.36	51.2	61,162.852			
40	6039,887042	3920,19225		2	A	13978A05b	EGWO	6039,887042	3455,916956		A05b	13978A05b	EGWO	46	49	3	-6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
37	7723,381245	4849,040994		174	A	13978A05b	STWO	7723,381245	4375,651351		A05b	13978A05b	STWO	43	43	0	-6	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-6.25
31	5964,987517	4057,536699		135	E	13994E14c	STWO	5964,987517	3899,469828		E14c	13994E14c	STWO	33	34	1	-2	29.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-2.35
49	6916,23614	3342,275232		95	E	13994E14d	STWO	6916,23614	4088,4779		E14d	13994E14d	STWO	40	41	1	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	7383,65765	3578,461549		75	E	13994E14e	STWO	7383,65765	4252,289671		E14e	13994E14e	STWO	42	42	0	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
36	5963,590328	3844,698405		122	E	13994E15a	STWO	5963,590328	3733,40779		E15a	13994E15a	STWO	39	37	-2	-3	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	-2.35
48	6186,77224	3302,233109		3	E	13994E15c	STWO	6186,77224	3919,352883		E15c	13994E15c	STWO	27	35	8	21	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	21.05
	1209223,378	3611,558824		397	E	13994E36a	STWO	1209223,378	3957,692357		E36a	13994E36a	STWO	36					1,148,799.14	3,773.36	352.4	1,148,799.14	4,711.837		
29	5784,861273	4485,856028		83	E	13994E37a	STWO	5784,861273	4008,224817		E37a	13994E37a	STWO	30	30	0	-1	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	5955,456396	3053,208508		103	E	13994E37f	STWO	5955,456396	3839,824917		E37f	13994E37f	STWO	36	36	0	13	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	13.25
	5135,542394	3340,535969		4	F	13994F79a	EGWO	5135,542394	3146,432925		F79a	13994F79a	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	10872,59935	2472,505927		24	K	14001K47e	EGWO	10872,59935	3615,39504		K47e	14001K47e	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	8018,768228	2813,036618		16	K	14001K47e	STWO	8018,768228	4135,361751		K47e	14001K47e	STWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
42	5928,646639	2923,997661		6	N	14028N60a	STWO	5928,646639	3611,057059		N60a	14028N60a	STWO	32	35	3	10	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
42	5818,852122	3366,414197		13	N	14036N60a	STWO	5818,852122	3849,520726		N60a	14036N60a	STWO	31	33	2	11	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
33	5078,909776	3265,438633		9	M	14060M31c	STWO	5078,909776	3433,97721		M31c	14060M31c	STWO	31	30	-1	2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
39	5287,177976	3224,51735		8	N	14079N67a	EGWO	5287,177976	3127,951545		N67a	14079N67a	EGWO	34	41	7	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
40	7991,760917	5208,732542		5	A	14087A03e	STWO	7991,760917	4564,428612		A03e	14087A03e	STWO	43	43	0	-3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
33	7286,604951	4890,539144		9	A	14087A03f	STWO	7286,604951	4389,41613		A03f	14087A03f	STWO	40	40	0	-7	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
38	4364,832109	3107,446397		17	N	14117N72a	STWO	4364,832109	3398,388108		N72a	14117N72a	STWO	19	22	3	19	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	17.15
33	7373,365801	4861,075601		18	A	14133A01h	STWO	7373,365801	4307,898797		A01h	14133A01h	STWO	41	40	-1	-8	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
49	9767,82578	2387,681057		7	K	14141K49b	EGWO	9767,82578	3329,596935		K49b	14141K49b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7296,753937	2562,670156		6	K	14141K49b	STWO	7296,753937	3829,441974		K49b	14141K49b	STWO	48	47	-1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
48	4606,995199	3792,187781		394	E	14206E12a	STWO	4606,995199	4087,600799		E12a	14206E12a	STWO	41	43	2	7	46.8	61,162.852	3,773.36	352.4	61,162.852	4,711.837	2.9	5.45
37	6542,341116	4165,117163		19	A	14214A01c	STWO	6542,341116	3971,488542		A01c	14214A01c	STWO	40	39	-1	-3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
49	7369,195542	2589,967849		40	K	14222K52a	EGWO	7369,195542	2670,984347		K52a	14222K52a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6841,095337	2795,612074		22	K	14222K52a	STWO	6841,095337	3814,672292		K52a	14222K52a	STWO	44	44	0	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	11034,28681	2731,054665		6	K	14249K47g	EGWO	11034,28681	3506,434071		K47g	14249K47g	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	7259,412102	2662,399469		148	K	14249K47g	STWO	7259,412102	3884,246571		K47g	14249K47g	STWO	45	46	1	4	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45

32	5357,279306	4606,505938	[redacted]	10	M	14273M32a	STWO	5357,279306	3383,807759	[redacted]	M32a	14273M32a	STWO	34	34	0	-2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
38	5225,927366	3250,434526		33	F	14281F76a	EGWO	5225,927366	2800,355623		F76a	14281F76a	EGWO	36	44	8	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
16	5743,602477	3803,725496		123	F	14281F76a	STWO	5743,602477	4154,904572		F76a	14281F76a	STWO	9	12	3	7	16	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	5.45
40	4651,62037	2777,611292		18	F	14303F86a	EGWO	4651,62037	2620,341482		F86a	14303F86a	EGWO	38	44	6	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
24	4791,666667			1	F	14303F86a	STWO	4791,666667			F86a	14303F86a	STWO	19	21	2	5	24.8	61,162.852		51.2	61,162.852		2.9	5.45
49	8237,026734	3993,48488		7	K	14311K90c	EGWO	8237,026734	4599,731657		K90c	14311K90c	EGWO	48	49	1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	9760,416667	4940,666107		2	A	14338A02c	EGWO	9760,416667	4233,769259		A02c	14338A02c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
40	7300,82066	4760,385028		58	A	14338A02c	STWO	7300,82066	4243,438809		A02c	14338A02c	STWO	44	42	-2	-4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
49	7099,387887	3406,503272		113	E	14362E18b	STWO	7099,387887	4143,288411		E18b	14362E18b	STWO	42	42	0	7	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
46	4433,164106	2617,476586		7	K	14486K45b	STWO	4433,164106	3257,214852		K45b	14486K45b	STWO	36	36	0	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
32	5203,052859	3511,059225		111	K	14494K91b	STWO	5203,052859	3478,88935		K91b	14494K91b	STWO	32	30	-2	0	33.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	1.55
35	4777,605104	3074,085377		10	N	14508N61b	STWO	4777,605104	3619,924828		N61b	14508N61b	STWO	24	25	1	11	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
39	5569,111437	3388,425442		20	N	14516N60b	EGWO	5569,111437	3249,979979		N60b	14516N60b	EGWO	35	42	7	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
45	7362,189298	4371,404265		9	A	14524A06g	EGWO	7362,189298	3562,085065		A06g	14524A06g	EGWO	48	49	1	-3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
41	7608,819553	4499,964559		51	A	14524A06g	STWO	7608,819553	4367,996174		A06g	14524A06g	STWO	43	43	0	-2	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	7038,05229	3320,692175		120	K	14559K48f	STWO	7038,05229	4056,682427		K48f	14559K48f	STWO	44	42	-2	5	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
49	6701,89615	3335,275125		87	K	14567K44b	STWO	6701,89615	4033,884045		K44b	14567K44b	STWO	40	40	0	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	6760,049579	3382,818942		85	K	14567K44c	STWO	6760,049579	4074,528345		K44c	14567K44c	STWO	39	40	1	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	6371,753025	3261,971745		88	E	14575E38c	STWO	6371,753025	4063,379653		E38c	14575E38c	STWO	36	36	0	13	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
38	4961,137993	2482,095462		26	F	14583F77f	EGWO	4961,137993	2455,52293		F77f	14583F77f	EGWO	34	43	9	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
16	4303,030303	2320,055189		1	F	14583F77f	STWO	4303,030303	3174,204967		F77f	14583F77f	STWO	14	17	3	2	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
25	3778,425946	2842,222129		21	F	14591F81e	EGWO	3778,425946	2534,486261		F81e	14591F81e	EGWO	27	33	6	-2	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-2.35
36	5447,289576	3465,749054		24	N	14605N60b	STWO	5447,289576	3893,593719		N60b	14605N60b	STWO	31	28	-3	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	5.45
38	6289,332541	4022,583019		8	A	14621A01h	STWO	6289,332541	3946,323147		A01h	14621A01h	STWO	41	40	-1	-3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
39	4319,148035	2550,612817		3	N	14648N60a	EGWO	4319,148035	2533,910714		N60a	14648N60a	EGWO	32	37	5	7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
32	5795,454545	4375,1843		1	A	14656A00a	EGWO	5795,454545	3121,832551		A00a	14656A00a	EGWO	43	49	6	-11	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-10.15
34	6607,737334	3955,822804		43	A	14656A00a	STWO	6607,737334	3948,37826		A00a	14656A00a	STWO	39	38	-1	-5	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
49	7050,33431	2547,584036		18	K	14664K47e	STWO	7050,33431	3869,961724		K47e	14664K47e	STWO	49	47	-2	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
36	7212,554025	5419,743637		4	A	14672A01f	STWO	7212,554025	4489,735455		A01f	14672A01f	STWO	43	42	-1	-7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
24	7216,666667			1	A	14680A01b	EGWO	7216,666667	4235,505963		A01b	14680A01b	EGWO	38	47	9	-14	24.8	61,162.852		51.2	61,162.852	4,711.837	9.5	-14.05
30	7199,612044	5077,229494		15	A	14680A01b	STWO	7199,612044	4415,501738		A01b	14680A01b	STWO	39	38	-1	-9	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
	4183,098592	3065,9942		1	K	14710K44f	STWO	4183,098592	3341,548718		K44f	14710K44f	STWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
38	4790,143157	2753,582706		11	N	14729N60c	EGWO	4790,143157	2628,816579		N60c	14729N60c	EGWO	38	44	6	0	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
32	4717,433244	3008,088636		31	N	14729N60c	STWO	4717,433244	3496,286508		N60c	14729N60c	STWO	21	24	3	11	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
31	4819,436466	3266,881138		21	K	14737K90c	STWO	4819,436466	3407,69427		K90c	14737K90c	STWO	32	29	-3	-1	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-2.35
49	7535,433071	3402,234006		1	M	14745M56c	EGWO	7535,433071	3318,769487		M56c	14745M56c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
40	6183,241719	3941,824385		125	M	14745M56c	STWO	6183,241719	3894,957486		M56c	14745M56c	STWO	34	38	4	6	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	5.45
40	6499,922778	3969,49074		71	E	14788E13e	STWO	6369,184681	4113,587		E13e	14788E13e	STWO	38	36	-2	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
48	7279,070105	3807,840463		79	E	14788E13f	STWO	7279,070105	4286,568699		E13f	14788E13f	STWO	42	41	-1	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
45	6543,18832	3594,90305		9	K	14818K24a	EGWO	6543,18832	2962,680029		K24a	14818K24a	EGWO	49	49	0	-4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	7261,484098	3032,01887		43	K	14818K24a	STWO	7261,484098	4056,877377		K24a	14818K24a	STWO	45	44	-1	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
46	6491,248882	3614,769477		4	K	14826K24a	EGWO	6491,248882	2826,13663		K24a	14826K24a	EGWO	49	49	0	-3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	7293,667285	3389,158101		166	K	14826K24a	STWO	7293,667285	4037,551838		K24a	14826K24a	STWO	45	44	-1	4	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
42	4785,907254	2792,483703		40	F	14834F85b	EGWO	4785,907254	2623,179538		F85b	14834F85b	EGWO	39	45	6	3	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
15	4219,595461	3594,279147		75	F	14834F85b	STWO	4219,595461	3516,066064		F85b	14834F85b	STWO	15	17	2	0	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
9	4089,991926	3837,17387		77	F	14834F85c	STWO	4089,991926	3529,837266		F85c	14834F85c	STWO	11	14	3	-2	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
	8361,703555			2	B	14842B10d	EGWO	8361,703555			B10d	14842B10d	EGWO						61,162.852		51.2	61,162.852			
28	4299,4452	3072,412476		26	F	14850F78b	EGWO	4299,4452	2746,656769		F78b	14850F78b	EGWO	26	36	10	2	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
12	4521,677855	4132,829415		62	F	14869F89b	STWO	4521,677855	3703,238792		F89b	14869F89b	STWO	14	18	4	-2	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
38	4459,240473	2758,833109		21	F	14877F76a	EGWO	4459,240473	2536,138677		F76a	14877F76a	EGWO	34	42	8	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
49	8255,093485	3143,028015		56	K	14885K46b	STWO	8255,093485	4233,8417		K46b	14885K46b	STWO	49	48	-1	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
19	4005,350264	3031,233515		55	F	14907F85b	STWO	4005,350264	3335,755864		F85b	14907F85b	STWO	14	17	3	5	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
37	4332,211952	2726,499169		7	F	14915F76a	EGWO	4332,211952	2623,478274		F76a	14915F76a	EGWO	30	40	10	7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
20	3865,471872	3098,720909		22	F	14923F86a	STWO	3865,471872	3114,16358		F86a	14923F86a	STWO	18	19	1	2	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
36	4849,181329	3797,098366		3	F	14931F76a	EGWO	4849,181329	3008,214421		F76a	14931F76a	EGWO	31	40	9	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
28	4761,50514	3252,04595		25	K	14958K91c	STWO	4761,50514	3345,847333		K91c	14958K91c	STWO	31	26	-5	-3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-5.9	-2.35
48	4451,218638	2320,591639		9	F	14982F89c	EGWO	4451,218638	2335,855916		F89c	14982F89c	EGWO	41	48	7	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
28	5042,952296	3634,314822		23	F	14982F89c	STWO	5042,952296	3471,811735		F89c	14982F89c	STWO	31	31	0	-3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
42	5822,181641	3568,235925		5	A	14990A08d	EGWO	5822,181641	2417,7328		A08d	14990A08d	EGWO	49	49	0	-7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
42	6974,571034	4036,287569		77	A	14990A08d	STWO	6974,571034	4028,514267		A08d	14990A08d	STWO	42	43	1	0	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
34	5757,560099	3778,8837		27	K	15016K59a	STWO	5757,560099	3628,620664		K59a	15016K59a	STWO	38	37	-1	-4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
49	7155,016622	3578,252899		47	K	15032K25b	STWO	7155,016622	4058,086368		K25b	15032K25b	STWO	44	43	-1	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	6761,483299	3309,757667		43	K	15032K26b	STWO	6761,483299	3995,710238		K26b	15032K26b	STWO	44	41	-3	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	5.45
49	6778,418352	3440,759725		38	K	15032K26c	STWO	6778,418352	4057,972964		K26c	15032K26c	STWO	41	40	-1	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
49	7566,321317	3440,892294		33	K	15040K25b	STWO	7566,321317	4200,020604		K25b	15040K25b	STWO	45	44	-1	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	9834,481589	2834,80938		56	K	15059K59a	EGWO	9813,675155	3498,068598		K59a	15059K59a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6996,929765	3479,170811		42	K	15075K26b	STWO	6996,929765	4141,962747		K26b	15075K26b	STWO	43	41	-2	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	7113,078611	3518,136262		43	K	15083K26b	STWO	7113,078611	4161,21679		K26b	15083K26b	STWO	43	41	-2	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
45	6950,954099	3807,653912		31	N	15113N62b	EGWO	6950,954099	3787,89669		N62b	15113N62b	EGWO	40	45	5	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
49	7299,342906	3446,224309		30	K	15148K48b	STWO	7299,342906	4084,819488		K48b	15148K48b	STWO	45	44	-1	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	6996,329328	3450,54128		75	K	15148K48c	STWO	6996,329328	4127,920779		K48c	15148K48c	STWO	42	41	-1	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
38	4462,325798	2352,739103		12	F	15172F77f	EGWO	4462,325798	2358,37699		F77f	15172F77f	EGWO	34	43	9	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
49	7959,216521	3792,347027		25	A	15180A02a	EGWO	7959,216521	3465,130122		A02a	15180A02a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
44	8014,840334	4458,115715		193	A	15180A02a	STWO	8014,840334	4338,547825		A02a	15180A02a	STWO	49	46	-3	-5	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-3.7	-6.25
49	7434,435466	3670,917191		15	A	15180A02b	EGWO	7434,435466	3138,127376		A02b	15180A02b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
46	8095,794142	4372,029196		241	A	15180A02b	STWO	8095,794142	4320,413796		A02b	15180A02b	STWO	49	47	-2	-3	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	-2.35
49	8788,292091	3993,823637		38	A	15180A02c	EGWO	8788,292091	3497,990592		A02c	15180A02c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
47	7890,640883	4234,368109		204	A	15180A02c	STWO	7890,640883	4242,910672		A02c	15180A02c	STWO	49	47	-2	-2	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	-2.35
49	8771,373919	3952,598666		4	A	15180A02d	EGWO	8771,373919	3937,457842		A02d	15180A02d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
48	8290,580096	4505,451474		32	A	15180A02d	STWO	8290,580096	4438,261278		A02d	15180A02d	STWO	49	47	-2	-1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
45	7827,744905	3522,669633		2	A	15180A03a	STWO	7827,744905	4078,248589		A03a	15180A03a	STWO	46	45	-1	-1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
	7972,727273	3389,6523		1	A	15180A03b	EGWO	7972,727273			A03b	15180A03b	EGWO						61,162.852	3,773.36	51.2	61,162.852			
49	8438,035683	4044,748649		35	A	15180A03b	STWO	8438,035683	4331,768632		A03b	15180A03b	STWO	48	49	1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55

49	7740,717639	3198,2422	[redacted]	2	A	15180A03c	EGWO	7740,717639		[redacted]	A03c	15180A03c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852		0.7	1.55
49	8654,822265	3957,17159		33	A	15180A03c	STWO	8654,822265	4344,102329		A03c	15180A03c	STWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	8835,318025	3496,180204		2	A	15180A03d	EGWO	8835,318025			A03d	15180A03d	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852			
47	7848,360507	4131,014707		37	A	15180A03d	STWO	7848,360507	4421,896027		A03d	15180A03d	STWO	48	49	1	-1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
	7753,067409	3453,9687		3	A	15180A03e	EGWO	7753,067409	3223,180781		A03e	15180A03e	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
48	8405,910671	4437,903572		36	A	15180A03e	STWO	8405,910671	4408,54111		A03e	15180A03e	STWO	47	47	0	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	8067,998212	3541,650667		6	A	15180A03g	EGWO	8067,998212	3882,518221		A03g	15180A03g	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
38	7610,765061	4716,45762		78	A	15180A03g	STWO	7610,765061	4287,01649		A03g	15180A03g	STWO	46	44	-2	-8	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
40	7145,9157	3768,001465		5	A	15199A05b	EGWO	7145,9157	3246,285915		A05b	15199A05b	EGWO	46	49	3	-6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
45	7458,549717	4138,601536		33	A	15199A05b	STWO	7458,549717	4108,73023		A05b	15199A05b	STWO	43	45	2	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
49	7539,370079			1	A	15202A02a	EGWO	7539,370079			A02a	15202A02a	EGWO	49	49	0	0	46.8	61,162.852		51.2	61,162.852		0.7	1.55
40	7797,692368	4805,116904		31	A	15202A02a	STWO	7797,692368	4357,752379		A02a	15202A02a	STWO	46	44	-2	-6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
49	7916,129032	4172,805		1	A	15202A02b	EGWO	7916,129032	3407,82257		A02b	15202A02b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
42	7429,183736	4752,938676		20	A	15202A02b	STWO	7429,183736	4299,237261		A02b	15202A02b	STWO	45	43	-2	-3	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
33	5271,317715	3524,690836		63	K	15210K90a	STWO	5271,317715	3464,350457		K90a	15210K90a	STWO	32	31	-1	1	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
30	4191,455676	2953,45405		6	F	15245F77a	EGWO	4191,455676	2686,907864		F77a	15245F77a	EGWO	27	36	9	3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
49	11033,85022	2625,667585		15	K	15253K49a	EGWO	11033,85022	3583,594361		K49a	15253K49a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	11679,42484	3121,798907		20	K	15261K49a	EGWO	11679,42484	4050,57561		K49a	15261K49a	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
30	4325,237996	3046,348926		15	F	15288F77a	EGWO	4325,237996	2765,619105		F77a	15288F77a	EGWO	25	36	11	5	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
6	5058,915305	4855,198703		56	F	15318F76b	STWO	5058,915305	3736,347289		F76b	15318F76b	STWO	12	16	4	-6	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
49	6475,447131	2657,066699		25	M	15369M56b	STWO	6475,447131	3701,524403		M56b	15369M56b	STWO	41	42	1	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
10	3323,992016	3379,431551		32	F	15377F82c	STWO	3323,992016	3210,520526		F82c	15377F82c	STWO	6	7	1	4	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
34	5450,981598	4438,165748		172	E	15385E37c	STWO	5450,981598	3928,651168		E37c	15385E37c	STWO	26	26	0	8	33.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
49	6754,807692	2917,894518		4	M	15393M30b	STWO	6754,807692	3801,889986		M30b	15393M30b	STWO	40	41	1	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
16	3827,126212	3190,119707		237	N	15415N69k	STWO	3827,126212	3432,484034		N69k	15415N69k	STWO	18	21	3	-2	16	61,162.852	3,773.36	252	61,162.852	4,711.837	2.9	-2.35
20	4055,012976	3227,463287		257	N	15423N69k	STWO	4055,012976	3166,172381		N69k	15423N69k	STWO	19	22	3	1	20.4	61,162.852	3,773.36	252	61,162.852	4,711.837	2.9	1.55
20	4067,962601	3263,180974		142	N	15431N69k	STWO	4067,962601	3179,393093		N69k	15431N69k	STWO	19	22	3	1	20.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	1.55
49	7071,56563	3255,617749		121	K	15466K44b	STWO	7071,56563	4032,659985		K44b	15466K44b	STWO	42	43	1	7	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
49	5457,304276	2398,809102		27	K	15474K91c	EGWO	5457,304276	2510,571229		K91c	15474K91c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
38	4272,539796	2643,557266		16	N	15482N68e	EGWO	4272,539796	2405,812266		N68e	15482N68e	EGWO	35	43	8	3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
40	4141,472358	2498,189275		56	N	15490N68e	EGWO	4141,472358	2390,419239		N68e	15490N68e	EGWO	36	42	6	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
11	3835,012727	3427,077589		232	N	15490N68e	STWO	3835,012727	3176,708224		N68e	15490N68e	STWO	9	10	1	2	11.6	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	1.55
46	4561,44454	2470,412739		18	N	15490N68f	EGWO	4561,44454	2426,217255		N68f	15490N68f	EGWO	39	47	8	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
5	3481,436497	3650,483333		6	N	15490N68f	STWO	3481,436497	3304,498988		N68f	15490N68f	STWO	5	6	1	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7276,138529	2711,075619		24	K	15512K47a	STWO	7276,138529	3895,423869		K47a	15512K47a	STWO	47	46	-1	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	7786,15284	2786,510361		88	K	15512K47g	STWO	7786,15284	4010,167655		K47g	15512K47g	STWO	47	48	1	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7587,714097	3267,589356		102	K	15512K47j	STWO	7587,714097	4216,732334		K47j	15512K47j	STWO	45	46	1	4	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
49	8819,26161	3640,563998		9	K	15520K47b	STWO	8819,26161	4632,157902		K47b	15520K47b	STWO		47			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
	6778,151673			16	F	15539F87b	EGWO	6778,151673			F87b	15539F87b	EGWO						61,162.852		51.2	61,162.852			
28	4109,52381	3490,77		1	F	15555F81a	EGWO	4109,52381	2448,207488		F81a	15555F81a	EGWO	28	36	8	0	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
13	3901,522513	3380,338578		52	F	15555F81c	STWO	3901,522513	3225,198929		F81c	15555F81c	STWO	16	18	2	-3	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
29	4752,282571	3369,646404		23	F	15555F81d	EGWO	4752,282571	2878,551351		F81d	15555F81d	EGWO	32	39	7	-3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	-2.35
7	3560,747664	2322,75		1	F	15555F81d	STWO	3560,747664	3032,887595		F81d	15555F81d	STWO	10	11	1	-3	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
23	5054,805432	4144,341076		12	F	15555F81e	EGWO	5054,805432	3067,48967		F81e	15555F81e	EGWO	30	39	9	-7	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	-6.25
39	4586,169068	2782,691686		24	F	15563F81c	EGWO	4586,169068	2476,992234		F81c	15563F81c	EGWO	34	46	12	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
13	4379,977088	3813,682315		14	F	15563F81c	STWO	4379,977088	3469,031045		F81c	15563F81c	STWO	9	21	12	4	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
40	5470,302688	3391,909694		21	N	15571N63a	EGWO	5470,302688	3410,472638		N63a	15571N63a	EGWO	31	40	9	9	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
40	5377,628552	3255,808462		40	N	15598N63a	EGWO	5377,628552	3272,103979		N63a	15598N63a	EGWO	34	40	6	6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
35	4487,791913	2905,803897		64	N	15598N63a	STWO	4487,791913	3463,769723		N63a	15598N63a	STWO	20	23	3	15	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	13.25
10	3727,051984	3257,291667		24	F	15601F83a	STWO	3727,051984	3550,515521		F83a	15601F83a	STWO	7	5	-2	3	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	6945,394685	3318,367114		124	K	15628K54b	STWO	6945,394685	4018,79921		K54b	15628K54b	STWO	42	42	0	7	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
5	3130,527802	3114,617433		144	T	15636T93g	STWO	3130,527802	2922,194562		T93g	15636T93g	STWO	6	7	1	-1	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-2.35
38	6392,254959	4020,174651		112	M	15644M30a	STWO	6392,254959	4007,395018		M30a	15644M30a	STWO	34	36	2	4	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	5.45
49	6859,36221	2529,231771		40	E	15652E37c	EGWO	6859,36221	2884,437161		E37c	15652E37c	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
34	5352,11196	3696,970396		66	E	15652E37c	STWO	5352,11196	3771,151523		E37c	15652E37c	STWO	29	29	0	5	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
5	2908,029309	3087,424804		284	T	15709T93g	STWO	2908,029309	2919,96023		T93g	15709T93g	STWO	5	6	1	0	7.2	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	1.55
49	6484,51264	3258,372482		12	M	15717M56a	EGWO	6484,51264	2800,011012		M56a	15717M56a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6495,418037	2833,485183		123	M	15717M56a	STWO	6495,418037	3809,293632		M56a	15717M56a	STWO	40	42	2	9	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	9.35
49	6399,331198	3235,931676		11	M	15717M56b	EGWO	6399,331198	2796,820185		M56b	15717M56b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6394,92885	2678,247042		77	M	15717M56b	STWO	6394,92885	3739,438829		M56b	15717M56b	STWO	40	41	1	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	11421,2488	2629,378415		26	K	15725K49f	EGWO	11421,2488	3593,448417		K49f	15725K49f	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7349,110519	2593,825095		30	K	15725K49f	STWO	7349,110519	3905,915524		K49f	15725K49f	STWO	49	46	-3	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	1.55
49	6190,209945	3040,615142		65	K	15741K53b	STWO	6190,209945	3771,883559		K53b	15741K53b	STWO	39	39	0	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	5477,612927	2454,11074		27	K	15776K91c	EGWO	5477,612927	2570,981588		K91c	15776K91c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7970,779289	3166,282053		71	K	15806K47f	STWO	7970,779289	4159,629751		K47f	15806K47f	STWO	49	48	-1	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	6444,17309	3274,232792		33	E	15814E38d	STWO	6444,17309	4047,431675		E38d	15814E38d	STWO	37	37	0	12	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
27	5179,54242	4191,955592		64	F	15857F87c	STWO	5179,54242	3822,504044		F87c	15857F87c	STWO	27	26	-1	0	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	8061,262154	2719,724488		29	K	15865K47a	STWO	8061,262154	4082,828711		K47a	15865K47a	STWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	10209,18018	3145,2079		3	K	15865K47b	EGWO	10209,18018			K47b	15865K47b	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852			
49	7970,823656	3087,533143		9	K	15865K47b	STWO	7970,823656	4172,763383		K47b	15865K47b	STWO		48			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	6403,033348	3066,540551		15	K	15873K44b	STWO	6403,033348	3842,72818		K44b	15873K44b	STWO	40	40	0	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	6919,23516	3437,141952		33	K	15873K44c	STWO	6919,23516	4135,003841		K44c	15873K44c	STWO	40	40	0	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	5984,024646	2956,092032		19	K	15873K44d	STWO	5984,024646	3714,861102		K44d	15873K44d	STWO	40	38	-2	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
49	7265,602019	3545,986176		15	K	15873K44e	STWO	7265,602019	4245,666548		K44e	15873K44e	STWO	41	42	1	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	6986,126094	3480,294428		41	K	15881K44e	STWO	6986,126094	4105,761466		K44e	15881K44e	STWO	41	41	0	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
42	5523,240371	3269,845694		108	E	15903E38c	STWO	5523,240371	3527,17582		E38c	15903E38c	STWO	36	36	0	6	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
49	6119,603112	3084,853954		293	E	15903E38d	STWO	6119,603112	3897,401463		E38d	15903E38d	STWO	36	36	0	13	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	13.25
37	5560,914553	3501,876476		80	E	15903E39a	STWO	5560,914553	3709,067893		E39a	15903E39a	STWO	24	24	0	13	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
48	6047,050054	3118,69783		148	E	15903E41b	STWO	6047,050054	3902,490571		E41b	15903E41b	STWO	36	35	-1	12	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	13.25
48	6013,548779	3105,237438		171	E	15903E41c	STWO	6013,548779	3886,101674		E41c	15903E41c	STWO	37	35	-2	11	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	9.35
39	5813,835336	4488,077601		124	E	15903E42a	STWO	5813,835336	4041,584533		E42a	15903E42a	STWO	32	32	0	7	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
45	6080,638967	3317,312883		196	E	15903E42b	STWO	6080,638967	3891,463884		E42b	15903E42b	STWO	35	36	1	10	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
47	6373,849381	3384,906189		124	E	15903E42c	STWO	6373,849381	3980,685978		E42c	15903E42c	STWO	36	37	1	11	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35

47	6419,257091	3389,384821	[redacted]	110	E	15903E42d	STWO	6419,257091	3990,803979	[redacted]	E42d	15903E42d	STWO	37	38	1	10	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
49	6507,622321	2403,956992		18	E	15903E43a	EGWO	6507,622321	2580,313069		E43a	15903E43a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6344,746461	2998,375999		127	E	15903E43a	STWO	6344,746461	3870,311165		E43a	15903E43a	STWO	38	40	2	11	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	9.35
49	6803,720937	2523,172127		6	E	15903E43b	EGWO	6803,720937	2758,228664		E43b	15903E43b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6758,98772	3194,87013		137	E	15903E43b	STWO	6758,98772	3965,950803		E43b	15903E43b	STWO	39	41	2	10	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	9.35
29	3411,659222	2403,235532		39	F	15954F83a	EGWO	3411,659222	2187,498858		F83a	15954F83a	EGWO	26	36	10	3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
5	3089,664144	3145,59227		145	T	15962T93g	STWO	3089,664144	2933,800764		T93g	15962T93g	STWO	5	7	2	0	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	1.55
42	5744,516851	4299,583516		4	A	15989A09i	EGWO	5441,17368	2760,710423		A09i	15989A09i	EGWO		49			42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
37	6670,662415	4231,894817		324	A	15989A09i	STWO	6638,931796	4007,510253		A09i	15989A09i	STWO	39	40	1	-2	38	61,162.852	3,773.36	352.4	61,162.852	4,711.837	0.7	-2.35
30	4542,791005	3183,490199		12	N	15997N62a	EGWO	4542,791005	3040,66403		N62a	15997N62a	EGWO	29	33	4	1	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
32	4629,266681	3129,534775		44	N	16047N62a	EGWO	4629,266681	3023,920849		N62a	16047N62a	EGWO	30	35	5	2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
43	4971,321722	3033,022352		4	N	16071N60b	EGWO	4971,321722	2937,950007		N60b	16071N60b	EGWO	38	45	7	5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
39	5025	3449,994912		1	N	16071N60b	STWO	5025	3937,352776		N60b	16071N60b	STWO	28	30	2	11	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
37	7805,023176	4937,13844		43	A	16098A08a	STWO	7805,023176	4252,691019		A08a	16098A08a	STWO	43	45	2	-6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
5	3757,233625	3981,238881		64	N	16101N69l	STWO	3757,233625	3460,85692		N69l	16101N69l	STWO	7	11	4	-2	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
47	6529,706419			9	A	16128A04f	STWO	6529,706419			A04f	16128A04f	STWO	43	44	1	4	46.8	61,162.852		51.2	61,162.852		0.7	5.45
31	7335,673422	4896,247811		123	A	16152A05f	STWO	7335,673422	4245,931855		A05f	16152A05f	STWO	40	40	0	-9	29.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-10.15
49	7272,378693	3688,972759		48	E	16152E13a	STWO	7272,378693	4200,657237		E13a	16152E13a	STWO	44	42	-2	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
32	7229,825988	3742,079681		25	E	16152E13b	STWO	7190,589505	4257,839068		E13b	16152E13b	STWO	39	38	-1	-7	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
44	6788,747508	3468,945649		45	E	16152E13c	STWO	6788,747508	3959,596175		E13c	16152E13c	STWO	42	41	-1	2	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
31	8300,308668	5125,694382		20	A	16160A05f	STWO	8300,308668	4096,429202		A05f	16160A05f	STWO	40	40	0	-9	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-10.15
35	5664,240035	4441,389697		75	E	16179E13d	STWO	5664,240035	3877,921607		E13d	16179E13d	STWO	33	30	-3	2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	1.55
41	6849,622036	3974,715046		113	E	16179E13e	STWO	6849,622036	4226,791671		E13e	16179E13e	STWO	40	38	-2	1	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	1.55
40	7858,447145	4727,025065		10	A	16217A08b	STWO	7858,447145	4154,865999		A08b	16217A08b	STWO	46	47	1	-6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
43	6225,249897	3556,795154		152	E	16233E42a	STWO	6225,249897	4059,876043		E42a	16233E42a	STWO	35	35	0	8	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
47	6751,426927	3566,298957		183	E	16233E42b	STWO	6751,426927	4134,728152		E42b	16233E42b	STWO	38	39	1	9	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
49	7847,644443	3855,449226		149	E	16241E16b	STWO	7847,644443	4343,84191		E16b	16241E16b	STWO	44	45	1	5	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
49	7272,111548	3117,696566		21	E	16241E17a	STWO	7169,512177	4007,071734		E17a	16241E17a	STWO	46	45	-1	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	7006,608774	3379,073745		53	E	16268E16b	STWO	7006,608774	4136,490273		E16b	16268E16b	STWO	40	41	1	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
	5245,454545	2398,7982		1	M	16276M55e	EGWO	5245,454545	2297,144638		M55e	16276M55e	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	7894,178922	3261,60336		20	M	16276M55h	EGWO	7894,178922	3183,248425		M55h	16276M55h	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
41	5270,922365	2445,950358		3	M	16276M55h	STWO	5270,922365	3417,744673		M55h	16276M55h	STWO	31	34	3	10	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
6	4190,89599	4044,286007		24	F	16284F76b	STWO	4190,89599	3613,36918		F76b	16284F76b	STWO	7	14	7	-1	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	-2.35
49	8428,571429	4306,8971		1	A	16306A07h	EGWO	8428,571429	3609,697713		A07h	16306A07h	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	8223,855288	4160,149317		79	A	16306A07h	STWO	8223,855288	4377,753566		A07h	16306A07h	STWO	47	47	0	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	8181,601181	4072,77945		2	A	16314A02c	EGWO	8181,601181	3709,547295		A02c	16314A02c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
45	7903,57236	4362,236807		26	A	16314A02c	STWO	7903,57236	4388,046202		A02c	16314A02c	STWO	46	44	-2	-1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
43	7692,017476	4757,172387		23	A	16314A02d	STWO	7692,017476	4350,925977		A02d	16314A02d	STWO	45	47	2	-2	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
49	7011,207715			9	M	16330M57a	EGWO	7011,207715			M57a	16330M57a	EGWO	44	49	5	5	46.8	61,162.852		51.2	61,162.852		5.1	5.45
49	7015,132793	3301,413732		101	K	16373K52d	STWO	7015,132793	4046,890386		K52d	16373K52d	STWO	42	42	0	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	7132,978723	2388,7422		1	K	16373K54c	EGWO	7132,978723	2707,998799		K54c	16373K54c	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	6812,424669	3288,7982		156	K	16373K54c	STWO	6812,424669	4006,674604		K54c	16373K54c	STWO	41	41	0	8	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
37	6162,95784	4311,947805		39	M	16411M28d	STWO	6162,95784	4006,188689		M28d	16411M28d	STWO	35	35	0	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
37	6228,56602	4385,436594		53	M	16438M28d	STWO	6228,56602	3968,83325		M28d	16438M28d	STWO	36	35	-1	1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
16	4200,659158	3501,748191		264	N	16454N68c	STWO	4200,659158	3489,457936		N68c	16454N68c	STWO	13	15	2	3	16	61,162.852	3,773.36	252	61,162.852	4,711.837	2.9	1.55
18	3967,442936	3089,910468		47	N	16454N68d	STWO	3967,442936			N68d	16454N68d	STWO	8	15	7	10	16	61,162.852	3,773.36	51.2	61,162.852		7.3	9.35
19	4303,755634	3485,178614		27	N	16454N69j	STWO	4303,755634	3299,830766		N69j	16454N69j	STWO	23	23	0	-4	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	4533,451056	2245,703091		14	N	16454N70b	EGWO	4533,451056	2278,761632		N70b	16454N70b	EGWO	43	49	6	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
25	5121,209651	3761,415671		212	N	16454N70b	STWO	5121,209651	3819,129918		N70b	16454N70b	STWO	19	25	6	6	24.8	61,162.852	3,773.36	252	61,162.852	4,711.837	5.1	5.45
	6073,348998	2583,588867		3	K	16462K48e	STWO	6073,348998	3606,881883		K48e	16462K48e	STWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
40	5336,280488	3441,918266		8	N	16470N63a	EGWO	5336,280488	3498,0007		N63a	16470N63a	EGWO	29	35	6	11	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	9.35
48	6846,042048	3546,77739		209	K	16489K53a	STWO	6846,042048	4059,464558		K53a	16489K53a	STWO	41	41	0	7	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	5.45
44	6762,506667	3756,885999		40	N	16500N62b	EGWO	6762,506667	3758,557623		N62b	16500N62b	EGWO	39	44	5	5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
15	3721,554642	3147,907775		97	N	16535N68b	STWO	3721,554642	3351,770373		N68b	16535N68b	STWO	16	16	0	-1	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	5826,10886	2439,625999		25	K	16578K90c	EGWO	5826,10886	2653,371041		K90c	16578K90c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
31	4040,357471	2773,651197		35	F	16594F83a	EGWO	4040,357471	2496,444999		F83a	16594F83a	EGWO	30	38	8	1	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
42	6942,170897	4032,107423		44	M	16608M55h	STWO	6942,170897	4671,377377		M55h	16608M55h	STWO	31	33	2	11	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
49	6858,207209	3462,362044		39	M	16616M30b	STWO	6858,207209	4068,324917		M30b	16616M30b	STWO	41	41	0	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
36	4153,227205	2484,321378		8	F	16624F83a	EGWO	4153,227205	2222,455839		F83a	16624F83a	EGWO	34	42	8	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
36	5961,836446	4441,678301		139	M	16632M31b	STWO	5961,836446	3870,903732		M31b	16632M31b	STWO	32	32	0	4	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
28	5176,406776	4257,399737		188	M	16632M31c	STWO	5176,406776	3720,241894		M31c	16632M31c	STWO	27	30	3	1	29.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	1.55
32	5624,780809	4597,821851		35	M	16632M32a	STWO	5624,780809	3771,951382		M32a	16632M32a	STWO	30	29	-1	2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
	5410,958904	2332,018192		1	M	16632M32b	EGWO	5220,247385	2333,275009		M32b	16632M32b	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
35	5764,445953	4257,080725		94	M	16632M32b	STWO	5764,445953	3797,022231		M32b	16632M32b	STWO	33	34	1	2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
9	4421,403	4183,516624		36	F	16675F85c	STWO	4421,403	3690,311306		F85c	16675F85c	STWO	15	16	1	-6	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
	5423,888889	2506,781328		2	E	16691E36b	STWO	5423,888889	3482,94413		E36b	16691E36b	STWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
25	3441,675191	2565,86808		31	F	16756F81e	EGWO	3441,675191	2348,294204		F81e	16756F81e	EGWO	23	32	9	2	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
13	3754,34932	3255,771705		15	N	16764N69m	STWO	3754,34932	3148,204073		N69m	16764N69m	STWO	11	16	5	2	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
28	4263,193476	3086,880329		8	F	16772F81e	EGWO	4263,193476			F81e	16772F81e	EGWO	28	35	7	0	29.2	61,162.852	3,773.36	51.2	61,162.852		7.3	1.55
41	4598,996656	2332,440581		12	N	16780N69m	EGWO	4598,996656	2384,579572		N69m	16780N69m	EGWO	31	42	11	10	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	9.35
49	7468,737329	3259,219648		197	E	16799E21a	STWO	7468,737329	4168,317225		E21a	16799E21a	STWO	45	44	-1	4	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
49	7588,476558	3398,723614		40	E	16802E21a	STWO	7588,476558	4272,597538		E21a	16802E21a	STWO	44	44	0	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	9807,40665	2382,06145		20	K	16810K47e	EGWO	9807,40665	3280,052787		K47e	16810K47e	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	7659,517538	2543,634446		24	K	16810K47e	STWO	7659,517538	4117,518695		K47e	16810K47e	STWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
41	3903,231917	2294,078723		17	F	16829F82d	EGWO	3903,231917	2227,932085		F82d	16829F82d	EGWO	34	43	9	7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
18	3400	2741,19		5	F	16829F82d	STWO	3400	2690,440559		F82d	16829F82d	STWO	17	19	2	1	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
28	3995,295075	2967,399083		21	F	16853F78b	EGWO	3995,295075	2663,014401		F78b	16853F78b	EGWO	24	33	9	4	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
27	4115,13618	2983,200202		31	F	16942F78d	EGWO	4115,13618	2692,571205		F78d	16942F78d	EGWO	25	34	9	2	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
47	7607,639992	3659,864366		39	E	16950E14b	STWO	7607,639992	4282,286553		E14b	16950E14b	STWO	43	44	1	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	7367,354458	3394,518565		51	E	16950E16a	STWO	7367,354458	4149,405466		E16a	16950E16a	STWO	43	41	-2	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
36	5095,628457	3232,382157		54	N	16985N66d	EGWO	5095,628457	3032,561016		N66d	16985N66d	EGWO	34	40	6	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
49	7012,077473	3532,873845		16	K	17019K44a	EGWO	7012,077473	3082,140404		K44a	17019K44a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
47	6128,67473	3798,934356		14	K	17019K44a	STWO	6128,67473	3732,726605		K44a	17019K44a	STWO	36	37	1	11	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35

49	7188,017591		[redacted]	5	K	17019K44e	STWO	7188,017591		[redacted]	K44e	17019K44e	STWO	42	42	0	7	46.8	61,162.852		51.2	61,162.852		0.7	5.45
49	7415,062419	3406,632875		37	K	17027K44a	EGWO	7415,062419	3182,640547		K44a	17027K44a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7413,446738			22	K	17027K44a	STWO	7413,446738			K44a	17027K44a	STWO	41	42	1	8	46.8	61,162.852		51.2	61,162.852		0.7	9.35
49	6198,656035	3407,982267		6	K	17027K44e	EGWO	6198,656035	3119,676375		K44e	17027K44e	EGWO	48	49	1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6734,649227	3474,830505		42	K	17027K44e	STWO	6734,649227	4214,015586		K44e	17027K44e	STWO	42	42	0	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
37	4471,684638	2803,729086		21	F	17035F76a	EGWO	4471,684638	2657,457439		F76a	17035F76a	EGWO	30	41	11	7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
49	8014,83021	2612,507972		4	K	17043K47e	EGWO	8014,83021	4051,297022		K47e	17043K47e	STWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	8709,971834	3340,835688		25	K	17043K47f	STWO	8709,971834	4393,386985		K47f	17043K47f	STWO	48	48	0	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	9408,184478	2895,314467		3	K	17051K47c	EGWO	9408,184478			K47c	17051K47c	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852			
	8433,799166	2422,8266		42	K	17051K47c	STWO	8433,799166	3843,431948		K47c	17051K47c	STWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	10195,23671	3324,44132		4	K	17051K47d	EGWO	10195,23671			K47d	17051K47d	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852			
	8496,744891	2789,386053		30	K	17051K47d	STWO	8496,744891	4073,233785		K47d	17051K47d	STWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	8956,808514	2330,1088		2	K	17051K47e	EGWO	8956,808514			K47e	17051K47e	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852			
49	7854,917166	2767,743355		7	K	17051K47e	STWO	7854,917166	4241,746449		K47e	17051K47e	STWO	44	49	5	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
49	11705,92866	2874,099366		6	K	17051K47f	EGWO	11705,92866	4111,21658		K47f	17051K47f	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7803,480442	2718,013538		25	K	17051K47f	STWO	7803,480442	4206,877752		K47f	17051K47f	STWO	48	48	0	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
35	5604,643795	3666,453529		50	E	17086E39c	STWO	5604,643795	3873,50131		E39c	17086E39c	STWO	29	31	2	6	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
49	7654,681699	3727,373928		126	E	17094E19a	STWO	7640,3149	4250,105437		E19a	17094E19a	STWO	45	44	-1	4	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
31	6732,860865	4646,815623		146	E	17094E19b	STWO	6732,860865	4195,837856		E19b	17094E19b	STWO	35	37	2	-4	29.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	-2.35
49	7499,426061	3762,719164		184	E	17094E19c	STWO	7499,426061	4259,367039		E19c	17094E19c	STWO	43	43	0	6	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
46	6709,677419	3590,5648		1	E	17094E20a	EGWO	6709,677419	2993,217079		E20a	17094E20a	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	7929,417013	3137,408461		114	E	17094E20a	STWO	7929,417013	4167,172054		E20a	17094E20a	STWO	48	46	-2	1	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	1.55
49	7276,861933	3828,830876		51	E	17094E20c	STWO	7276,861933	4231,543577		E20c	17094E20c	STWO	42	42	0	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	7791,890663	3488,822415		189	E	17094E21a	STWO	7791,890663	4266,327394		E21a	17094E21a	STWO	44	45	1	5	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
49	7850,318496	3708,133225		294	E	17108E19a	STWO	7843,218665	4325,712147		E19a	17108E19a	STWO	44	43	-1	5	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	5.45
41	6619,620972	3750,476454		223	E	17108E19b	STWO	6612,326441	4075,633125		E19b	17108E19b	STWO	36	38	2	5	42.4	61,162.852	3,773.36	252	61,162.852	4,711.837	2.9	5.45
43	7032,517157	4136,433574		59	E	17108E19c	STWO	7032,517157	4243,084083		E19c	17108E19c	STWO	41	40	-1	2	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	6576,500691	3328,498726		60	E	17124E75a	STWO	6576,500691	3887,724101		E75a	17124E75a	STWO	41	41	0	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
9	4157,948942	4085,181202		40	F	17159F77c	STWO	4157,948942	3568,635022		F77c	17159F77c	STWO	8	14	6	1	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
37	4882,329076	2564,436842		57	F	17175F89b	EGWO	4844,324498	2474,404254		F89b	17175F89b	EGWO	36	43	7	1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
17	4768,399348	3855,123355		641	F	17175F89b	STWO	4768,399348	3948,394431		F89b	17175F89b	STWO	15	16	1	2	16	61,162.852	3,773.36	653.6	61,162.852	4,711.837	0.7	1.55
49	6622,156522	3300,296379		93	E	17183E41b	STWO	6622,156522	4093,494578		E41b	17183E41b	STWO	38	38	0	11	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
27	4484,517869	3846,903718		104	E	17191E39a	STWO	4484,517869	3582,364153		E39a	17191E39a	STWO	20	20	0	7	24.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
38	6377,723897	4027,097787		212	M	17205M55b	STWO	6377,723897	4243,128013		M55b	17205M55b	STWO	27	30	3	11	38	61,162.852	3,773.36	252	61,162.852	4,711.837	2.9	9.35
49	5818,793658	2731,986646		20	M	17205M55d	STWO	5818,793658	3608,026417		M55d	17205M55d	STWO	39	38	-1	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
49	7960,000329	3676,05994		151	M	17221M27b	STWO	7960,000329	4510,947989		M27b	17221M27b	STWO	43	42	-1	6	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
45	4828,084114	2680,043308		6	F	17264F78c	EGWO	4828,084114	2480,398639		F78c	17264F78c	EGWO	40	49	9	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
10	4997,470498	4502,600734		44	F	17329F76b	STWO	4997,470498	3834,711676		F76b	17329F76b	STWO	17	21	4	-7	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
28	4227,320891	3049,622169		42	F	17337F77c	EGWO	4227,320891	2730,218705		F77c	17337F77c	EGWO	27	35	8	1	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
19	4008,338899	3102,188969		43	F	17337F77c	STWO	4008,338899			F77c	17337F77c	STWO	11	14	3	8	20.4	61,162.852	3,773.36	51.2	61,162.852		2.9	9.35
49	6324,019176	3001,624306		114	E	17345E37d	STWO	6324,019176	3864,903713		E37d	17345E37d	STWO	39	39	0	10	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
49	6347,478469	3061,838876		48	E	17353E40c	STWO	6347,478469	3970,76786		E40c	17353E40c	STWO	37	38	1	12	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
49	6268,667912	3141,701666		28	E	17353E41a	STWO	6268,667912	3978,393601		E41a	17353E41a	STWO	37	37	0	12	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
49	6027,186536	3087,421603		73	E	17353E41b	STWO	6027,186536	3893,848168		E41b	17353E41b	STWO	35	35	0	14	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
46	6379,583847	3306,047897		20	E	17353E41c	STWO	6379,583847	4006,945118		E41c	17353E41c	STWO	34	34	0	12	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
46	6266,282752	3371,229518		116	E	17353E42a	STWO	6266,282752	3963,206938		E42a	17353E42a	STWO	36	37	1	10	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
49	6604,117782	3325,734274		40	E	17353E42c	STWO	6604,117782	4002,296368		E42c	17353E42c	STWO	39	39	0	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	6226,666667	3015,346063		3	E	17353E75a	STWO	6226,666667	3769,855176		E75a	17353E75a	STWO	38	39	1	11	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
45	6058,64547	3346,813865		51	E	17353E75b	STWO	6058,64547	3896,966782		E75b	17353E75b	STWO	36	36	0	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
29	5152,219902	3442,882677		118	F	17353F86a	STWO	5152,219902	3509,614218		F86a	17353F86a	STWO	19	21	2	10	29.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	9.35
49	7189,806985	3062,552609		5	E	17396E18a	EGWO	7028,690416	3082,823214		E18a	17396E18a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7662,87381	3691,475664		48	E	17396E18a	STWO	7662,87381	4248,161935		E18a	17396E18a	STWO	44	44	0	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	8048,736158	3608,669451		8	E	17396E18b	EGWO	7794,16278	3716,251896		E18b	17396E18b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7277,735933	3579,863759		59	E	17396E18b	STWO	7277,735933	4245,919925		E18b	17396E18b	STWO	42	41	-1	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	6862,940825	3423,492027		110	E	17418E37d	STWO	6862,940825	4128,507116		E37d	17418E37d	STWO	40	40	0	9	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
36	3876,398961	2311,581111		9	F	17426F76a	EGWO	3876,398961	2211,23731		F76a	17426F76a	EGWO	29	40	11	7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
31	4234,789406	2941,962447		21	F	17434F78b	EGWO	4234,789406	2692,379834		F78b	17434F78b	EGWO	27	37	10	4	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
31	3682,136312	2807,26		4	F	17434F78b	STWO	3682,136312	3271,318455		F78b	17434F78b	STWO	20	24	4	11	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
49	6845,37041	3467,813868		142	K	17442K26a	STWO	6845,37041	4111,655895		K26a	17442K26a	STWO	39	40	1	10	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
28	3730,577525	2643,505611		11	F	17450F81e	EGWO	3730,577525	2360,780936		F81e	17450F81e	EGWO	30	36	6	-2	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-2.35
49	9056,28035	3086,69948		12	K	17469K47b	EGWO	9056,28035			K47b	17469K47b	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852			
49	8089,118872	2821,32331		94	K	17469K47b	STWO	8089,118872	4123,663118		K47b	17469K47b	STWO		48			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	6500,108202	3170,202939		25	E	17477E41b	STWO	6500,108202	3987,707466		E41b	17477E41b	STWO	38	39	1	11	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
39	4620,896355	2925,372471		8	F	17485F86a	EGWO	4620,896355	2777,450054		F86a	17485F86a	EGWO	38	41	3	1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
19	3754,965839	3827,409691		90	F	17485F86a	STWO	3754,965839	3398,382379		F86a	17485F86a	STWO	14	16	2	5	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
42	3915,719088	2288,607388		22	F	17493F82d	EGWO	3915,719088	2238,954451		F82d	17493F82d	EGWO	34	43	9	8	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
23	4037,264151	2419,540355		12	F	17493F82d	STWO	4037,264151	3147,764254		F82d	17493F82d	STWO	16	22	6	7	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
49	7208,562367	3628,977126		14	E	17507E18b	STWO	7208,562367	4297,55084		E18b	17507E18b	STWO	41	40	-1	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
41	6406,94159	3237,261314		39	E	17507E19b	STWO	6406,94159	3925,540877		E19b	17507E19b	STWO	36	39	3	5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
44	6632,658627	3659,348007		63	E	17507E19c	STWO	6632,658627	4107,509324		E19c	17507E19c	STWO	37	37	0	7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	7681,379593	3600,409993		88	E	17507E20c	STWO	7681,379593	4421,330695		E20c	17507E20c	STWO	43	42	-1	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	7726,561636	3481,267919		96	E	17507E21a	STWO	7726,561636	4350,819242		E21a	17507E21a	STWO	44	44	0	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
17	2409,031929	3506,9875		90	F	17523F89b	STWO	2409,031929	3384,095065		F89b	17523F89b	STWO	21	18	-3	-4	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-2.35
16	4484,839468	3750,707601		33	F	17531F83b	STWO	4484,839468	4110,135371		F83b	17531F83b	STWO	7	8	1	9	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
34	4273,321963	2831,504242		25	N	17558NGGd	EGWO	4273,321963	2616,654843		NGGd	17558NGGd	EGWO	34	39	5	0	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
33	4352,941176	3038,520496		1	F	17566F86b	STWO	4352,941176	3203,542418		F86b	17566F86b	STWO		26			33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
43	3887,293006	2215,021517		22	F	17574F82d	EGWO	3887,293006	2154,637471		F82d	17574F82d	EGWO	35	44	9	8	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
23	4004,150315	2933,501272		23	F	17574F82d	STWO	4004,150315	3057,173852		F82d	17574F82d	STWO	22	24	2	1	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
30	4170,821791	2942,065892		27	F	17582F78b	EGWO	4170,821791	2698,801492		F78b	17582F78b	EGWO	26	35	9	4	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
31	3641,883835	2345,6		5	F	17582F78b	STWO	3641,883835	3103,176382		F78b	17582F78b	STWO	20	24	4	11	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
22	4413,113619	3500,67396		110	F	17612F86a	STWO	4413,113619	3430,428966		F86a	17612F86a	STWO	20	20	0	2	20.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
31	4910,604661	3374,338263		169	F	17612F86b	STWO	4910,604661	3488,795157		F86b	17612F86b	STWO	28	29	1	3	29.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
33	5230,734315	3528,452916		176	F	17612F86f	STWO	5230,734315	3598,439369		F86f	17612F86f	STWO	29	31	2	4	33.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	5.45

10	4029,707199	3665,429135	[redacted]	148	F	17647F78c	STWO	4029,707199	3361,496612	[redacted]	F78c	17647F78c	STWO	12	17	5	-2	11.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	5.1	-2.35
49	10293,15595	2435,934175		4	K	17655K49d	EGWO	10293,15595	3341,741232		K49d	17655K49d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7105,331638	2522,28865		73	K	17655K49d	STWO	7105,331638	3906,585712		K49d	17655K49d	STWO	49	47	-2	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
33	6380,295677	3898,938457		82	E	17663E15d	STWO	6380,295677	3799,068324		E15d	17663E15d	STWO	39	40	1	-6	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
48	6353,490975	3319,903172		84	E	17663E37d	STWO	6353,490975	4066,274286		E37d	17663E37d	STWO	35	36	1	13	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
49	6323,073636	3175,426705		16	E	17663E37e	STWO	6323,073636	4020,592579		E37e	17663E37e	STWO	36	36	0	13	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
46	6053,039794	3222,82158		43	E	17663E38d	STWO	6053,039794	3920,826217		E38d	17663E38d	STWO	35	35	0	11	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
37	6056,892331	4069,519439		487	E	17663E39b	STWO	6056,892331	4372,775283		E39b	17663E39b	STWO	27	27	0	10	38	61,162.852	3,773.36	452.8	61,162.852	4,711.837	0.7	9.35
49	6507,164386	3034,360978		44	E	17663E40b	STWO	6507,164386	3975,551345		E40b	17663E40b	STWO	39	39	0	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	5666,254923	2637,754286		7	E	17663E40c	STWO	5666,254923	3622,27377		E40c	17663E40c	STWO	37	36	-1	12	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	13.25
49	6590,002648	3196,348732		54	E	17663E41a	STWO	6590,002648	4021,230106		E41a	17663E41a	STWO	39	39	0	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
48	5732,702201	2965,69896		23	E	17663E41b	STWO	5732,702201	3764,598691		E41b	17663E41b	STWO	37	34	-3	11	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	9.35
49	6351,507855	3243,364483		17	E	17663E41c	STWO	6351,507855	4019,613753		E41c	17663E41c	STWO	37	37	0	12	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
49	11711,13012	2354,316277		13	K	17671K46a	EGWO	11711,13012			K46a	17671K46a	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852			
49	7760,861014	2664,634033		21	K	17671K46a	STWO	7760,861014	4202,183362		K46a	17671K46a	STWO					46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
45	4627,6863	2537,259808		17	F	17698F85b	EGWO	4627,6863	2468,474834		F85b	17698F85b	EGWO	38	47	9	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
49	6682,627072	3347,25103		91	E	17728E75b	STWO	6682,627072	3996,144753		E75b	17728E75b	STWO	40	40	0	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
23	5234,381135	4212,022587		67	E	17736E39d	STWO	5234,381135	3867,795308		E39d	17736E39d	STWO	30	26	-4	-7	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-6.25
16	4203,665636	3535,229728		371	F	17752F82d	STWO	4203,665636	3377,197939		F82d	17752F82d	STWO	19	20	1	-3	16	61,162.852	3,773.36	352.4	61,162.852	4,711.837	0.7	-2.35
49	5301,211427	2679,47087		18	F	17760F86b	EGWO	5301,211427	2553,269052		F86b	17760F86b	EGWO	39	49	10	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
27	4152,201877	3019,358529		11	F	17779F86a	STWO	4152,201877			F86a	17779F86a	STWO	14	21	7	13	24.8	61,162.852	3,773.36	51.2	61,162.852		7.3	13.25
	5903,225806	2404,63		1	M	17787M58e	STWO	5903,225806	3595,98391		M58e	17787M58e	STWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	9475,62599	2389,5361		3	K	17809K47c	EGWO	9475,62599	3144,114358		K47c	17809K47c	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	8193,414325	2828,544699		30	K	17809K47c	STWO	8193,414325	4127,788359		K47c	17809K47c	STWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
7	4392,556705	4343,14224		32	F	17817F78c	STWO	4392,556705	3708,176374		F78c	17817F78c	STWO	10	16	6	-3	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-2.35
6	3862,43685	3960,114219		72	F	17825F76a	STWO	3862,43685	3509,482986		F76a	17825F76a	STWO	6	9	3	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
42	5864,051649	3404,780625		8	N	17841N60a	STWO	5864,051649	3843,995634		N60a	17841N60a	STWO	27	34	7	15	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	13.25
49	6759,743015	3202,592544		112	K	17868K48f	STWO	6759,743015	3960,635581		K48f	17868K48f	STWO	43	41	-2	6	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
49	6852,987188	3468,678842		113	E	17876E37d	STWO	6852,987188	4165,366126		E37d	17876E37d	STWO	39	39	0	10	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
37	6347,786611	4007,145734		295	M	17892M33c	STWO	6347,786611	3781,371031		M33c	17892M33c	STWO	41	40	-1	-4	38	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	-2.35
42	6338,703422	3967,13059		23	M	17906M31a	STWO	6338,703422	3778,39105		M31a	17906M31a	STWO	40	40	0	2	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
36	7173,008535	5617,320825		8	M	17906M31b	STWO	7173,008535			M31b	17906M31b	STWO	37	37	0	-1	38	61,162.852	7,085.2	51.2	61,162.852		0.7	-2.35
42	6749,034984	3711,196727		30	M	17906M32a	STWO	6749,034984	4189,187785		M32a	17906M32a	STWO	37	38	1	5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
42	6725,984992	3625,476838		11	M	17914M32a	STWO	6725,984992	4110,745968		M32a	17914M32a	STWO	39	39	0	3	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
47	6962,515812	3643,036949		259	M	17922M31a	STWO	6962,515812	4108,276684		M31a	17922M31a	STWO	39	40	1	8	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	9.35
46	6871,931078	3540,667709		215	M	17922M31b	STWO	6871,931078	4094,970648		M31b	17922M31b	STWO	39	39	0	7	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	5.45
42	6664,751774	3553,739237		164	M	17922M32a	STWO	6664,751774	4059,456582		M32a	17922M32a	STWO	39	39	0	3	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
49	6989,95452	2886,270189		268	K	17930K52c	STWO	6989,95452	3880,857199		K52c	17930K52c	STWO	44	44	0	5	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	5.45
49	6637,339833	2840,322703		8	M	17957M55h	EGWO	6637,339833	2724,796327		M55h	17957M55h	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
41	5802,134921	3336,882026		34	M	17957M55h	STWO	5802,134921	3685,584933		M55h	17957M55h	STWO	33	36	3	8	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
34	3868,361219	3838,60411		47	E	17965E37c	STWO	3868,361219	3459,258618		E37c	17965E37c	STWO	25	26	1	9	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
24	5183,673469	4244,3225		1	A	17973A01b	EGWO	5183,673469	2892,891909		A01b	17973A01b	EGWO	38	47	9	-14	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	-14.05
26	225596,6017	35011,17869		349	N	17981N68a	STWO	225596,6017	59398,1991		N68a	17981N68a	STWO	12	25	13	14	24.8	182,011.328	33,579.923	352.4	182,011.328	56,519.97	13.9	13.25
15	3348,220896	2832,076141		124	N	17981N68b	STWO	3348,220896	2800,32426		N68b	17981N68b	STWO	17	17	0	-2	16	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-2.35
49	7084,692288	3485,654824		164	E	18007E14d	STWO	7084,692288	4213,043603		E14d	18007E14d	STWO	40	40	0	9	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
49	7002,787685	3418,193856		76	E	18007E14e	STWO	7002,787685	4149,143768		E14e	18007E14e	STWO	40	41	1	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
	7428,872694	3707,598734		711	M	18015M58j	STWO	7428,872694	4142,593242		M58j	18015M58j	STWO						61,162.852	3,773.36	754	61,162.852	4,711.837		
43	6238,305247	3499,922136		48	A	18066A04i	STWO	6238,305247	3782,4767		A04i	18066A04i	STWO	39	39	0	4	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	7539,05472	2670,395823		57	K	18074K47f	STWO	7539,05472	3934,740071		K47f	18074K47f	STWO	45	48	3	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
49	6804,26057	2684,958665		48	K	18074K47g	STWO	6804,26057	3812,638672		K47g	18074K47g	STWO	43	44	1	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
28	4959,859629	3955,189192		8	F	18112F81e	EGWO	4959,859629	2933,621558		F81e	18112F81e	EGWO	28	35	7	0	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
33	3353,741497	2234,474286		7	F	18120F77a	EGWO	3353,741497	1986,646511		F77a	18120F77a	EGWO	29	40	11	4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
12	4452,512303	3020,217645		6	F	18120F77a	STWO	4452,512303	3434,703201		F77a	18120F77a	STWO	12	16	4	0	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
37	4337,800567	2720,70191		31	F	18201F76a	EGWO	4337,800567	2597,382946		F76a	18201F76a	EGWO	30	40	10	7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
17	4758,154231	3980,77852		45	F	18236F85b	STWO	4758,154231	3685,794336		F85b	18236F85b	STWO	18	22	4	-1	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
8	4570,881183	4244,420421		31	F	18236F85c	STWO	4570,881183	3752,485274		F85c	18236F85c	STWO	19	17	-2	-11	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
23	4304,841168	2821,700639		52	F	18236F89a	STWO	4304,841168	3388,249845		F89a	18236F89a	STWO	18	21	3	5	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
22	4256,449593	3101,118344		151	F	18236F89b	STWO	4256,449593	3273,46704		F89b	18236F89b	STWO	16	23	7	6	20.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	7.3	5.45
29	4479,38614	3186,163567		65	F	18244F86b	STWO	4479,38614	3358,125409		F86b	18244F86b	STWO	23	25	2	6	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
25	4838,710194	3642,896176		136	F	18244F86e	STWO	4838,710194	3621,459773		F86e	18244F86e	STWO	23	25	2	2	24.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	1.55
13	4304,737652	4039,991295		32	F	18279F89a	STWO	4304,737652	3614,363317		F89a	18279F89a	STWO	13	16	3	0	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
5	4111,09897	4293,255		64	F	18287F76b	STWO	4111,09897	3699,048197		F76b	18287F76b	STWO	8	11	3	-3	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
49	6810,967138	2733,561353		72	M	18317M56b	STWO	6810,967138	3793,020192		M56b	18317M56b	STWO	43	44	1	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	7290,54784	2389,8216		6	E	18341E21b	EGWO	7290,54784	2776,216845		E21b	18341E21b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
43	4437,957877	2549,815254		16	F	18368F85b	EGWO	4437,957877	2473,022981		F85b	18368F85b	EGWO	37	44	7	6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
44	4487,589474	2474,191791		17	F	18376F86a	EGWO	4487,589474	2405,651016		F86a	18376F86a	EGWO	38	46	8	6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
24	4084,615385	2217,36		1	F	18376F86a	STWO	4084,615385	3126,483037		F86a	18376F86a	STWO	19	21	2	5	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
31	4427,477477	3049,653782		30	F	18384F89b	EGWO	4427,477477	2800,45872		F89b	18384F89b	EGWO	29	37	8	2	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
36	5131,789412	3271,41438		15	F	18392F76a	EGWO	5131,789412	2973,849314		F76a	18392F76a	EGWO	35	42	7	1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
7	4481,379326	4327,481291		40	F	18392F76a	STWO	4481,379326	3732,893883		F76a	18392F76a	STWO	11	17	6	-4	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-2.35
47	4516,717949	2377,832323		9	F	18414F89c	EGWO	4516,717949	2412,541409		F89c	18414F89c	EGWO	39	47	8	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	9.35
49	6927,083333	2605,324785		1	M	18422M56c	EGWO	6927,083333	2661,528841		M56c	18422M56c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6173,488744	2924,808092		193	M	18422M56c	STWO	6173,488744	3741,202225		M56c	18422M56c	STWO	38	38	0	11	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
44	4563,546941	2566,346926		17	F	18430F85b	EGWO	4563,546941	2486,807988		F85b	18430F85b	EGWO	38	45	7	6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
49	7917,396861	2717,176059		146	K	18449K46a	STWO	7917,396861	4095,984269		K46a	18449K46a	STWO					46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837		
49	11135	3828,742226		2	K	18449K47c	EGWO	11135	3744,426451		K47c	18449K47c	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
	8411,924492			52	K	18449K47c	STWO	8411,924492			K47c	18449K47c	STWO						61,162.852		51.2	61,162.852			
49	9453,54092	3045,500138		14	K	18449K47d	EGWO	9453,54092			K47d	18449K47d	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852			
	8341,33925	2793,227595		225	K	18449K47d	STWO	8341,33925	4142,228333		K47d	18449K47d	STWO						61,162.852	3,773.36	252	61,162.852	4,711.837		
49	10947,08395	2375,6922		2	K	18457K47a	EGWO	10947,08395			K47a	18457K47a	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852			
49	7362,776404	2561,91189		8	K	18457K47a	STWO	7362,776404	3923,619054		K47a	18457K47a	STWO	49	48	-1	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	10074,64688	2339,55194		5	K	18465K47a	EGWO	10074,64688			K47a	18465K47a	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852			
49	13483,60628	4970,747341		73	K	18465K47a	STWO	13483,60628	4078,956204		K47a	18465K47a	STWO		48			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		

29	6104,145836	4333,077593	[redacted]	36	K	18473K59a	STWO	6104,145836	3681,589683	[redacted]	K59a	18473K59a	STWO	36	35	-1	-7	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
49	6764,125172	3360,916974		196	E	18481E41a	STWO	6764,125172	4122,793759		E41a	18481E41a	STWO	39	39	0	10	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
10	4646,325536	4260,222095		36	F	18511F85c	STWO	4646,325536	3740,904477		F85c	18511F85c	STWO	16	19	3	-6	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
37	7292,53832	4639,657072		30	A	18546A04i	STWO	7292,53832	4175,216309		A04i	18546A04i	STWO	42	43	1	-5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
34	7391,617381	4924,394363		26	A	18554A01g	STWO	7340,791688	4229,953692		A01g	18554A01g	STWO	42	40	-2	-8	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
37	4377,632163	2745,78474		18	F	18562F76a	EGWO	4377,632163	2582,988002		F76a	18562F76a	EGWO	31	41	10	6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
39	4210,534141	2566,317791		19	F	18570F76a	EGWO	4210,534141	2433,852733		F76a	18570F76a	EGWO	33	42	9	6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
34	4411,891794	2909,741206		9	F	18589F76a	EGWO	4411,891794	2714,861177		F76a	18589F76a	EGWO	28	38	10	6	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
49	6193,295531	2906,029017		122	E	18600E37e	STWO	6193,295531	3774,707599		E37e	18600E37e	STWO	39	39	0	10	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
49	6530,970349	3020,240987		100	E	18619E40c	STWO	6530,970349	3955,010053		E40c	18619E40c	STWO	39	39	0	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
29	4112,362554	2919,610255		46	F	18627F78d	EGWO	4112,362554	2655,443421		F78d	18627F78d	EGWO	27	35	8	2	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
49	6410,107234	3087,542311		89	E	18635E37d	STWO	6410,107234	3928,470347		E37d	18635E37d	STWO	40	39	-1	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
49	7456,179604	3382,78709		145	K	18643K25d	STWO	7456,179604	4153,213957		K25d	18643K25d	STWO	46	44	-2	3	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	1.55
49	7215,301971	3456,516215		50	K	18643K26a	STWO	7215,301971	4078,523054		K26a	18643K26a	STWO	42	43	1	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	7441,172637	3630,547854		72	K	18643K26b	STWO	7441,172637	4229,739925		K26b	18643K26b	STWO	45	43	-2	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	7433,880118	3697,265127		71	K	18643K26c	STWO	7433,880118	4258,638012		K26c	18643K26c	STWO	45	43	-2	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
27	3995,231702	2895,228067		96	F	18678F77c	EGWO	3995,231702	2631,688039		F77c	18678F77c	EGWO	30	34	4	-3	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
43	6650,043778	3760,730986		28	M	18686M30a	STWO	6650,043778	4103,916083		M30a	18686M30a	STWO	38	38	0	5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
48	6265,408987	3247,893892		155	E	18694E37g	STWO	6265,408987	4007,899412		E37g	18694E37g	STWO	36	36	0	12	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	13.25
34	5513,058866	3658,279368		12	N	18740N65b	EGWO	5513,058866	3566,228809		N65b	18740N65b	EGWO	26	35	9	8	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
32	6891,325247	4793,024727		7	A	18791A09i	STWO	6891,325247	4114,447391		A09i	18791A09i	STWO	39	40	1	-7	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
49	10232,4869	3522,489022		4	K	18821K91c	EGWO	10232,4869	3404,140082		K91c	18821K91c	EGWO	48	49	1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
36	6194,267516	3396,5272		1	A	18856A04b	EGWO	6194,267516			A04b	18856A04b	EGWO	45	49	4	-9	38	61,162.852	3,773.36	51.2	61,162.852		2.9	-10.15
33	7416,104173	4994,57576		22	A	18856A04b	STWO	7416,104173	4284,873102		A04b	18856A04b	STWO	42	42	0	-9	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-10.15
48	5814,964248	2858,411733		9	N	18864N61c	STWO	5814,964248	3606,322459		N61c	18864N61c	STWO	35	35	0	13	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
33	5260,85814	3626,859381		8	N	18872N60c	EGWO	5260,85814	3742,992373		N60c	18872N60c	EGWO	28	34	6	5	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
32	6587,800886	4196,446253		10	A	18902A01g	STWO	6587,800886	3940,180088		A01g	18902A01g	STWO	43	41	-2	-11	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
43	7296,700874	3395,116498		14	A	18902A01h	STWO	7170,843468	3989,331485		A01h	18902A01h	STWO	46	45	-1	-3	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
46	5333,003296	3373,639485		32	M	18910M55d	STWO	5333,003296	3643,729255		M55d	18910M55d	STWO	34	35	1	12	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
	9685,714286			1	M	18910M55e	EGWO	9685,714286			M55e	18910M55e	EGWO						61,162.852		51.2	61,162.852			
33	5165,338481	3466,090204		26	N	18929N60c	EGWO	5165,338481	3484,016996		N60c	18929N60c	EGWO	28	34	6	5	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
43	4937,189437	2591,757144		12	N	18953N60b	EGWO	4937,189437	2507,576665		N60b	18953N60b	EGWO	41	48	7	2	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
41	5000,977673	2975,796605		8	N	18953N60b	STWO	5000,977673	3520,908326		N60b	18953N60b	STWO	27	30	3	14	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	13.25
38	5256,25	3084,233853		2	N	18953N60c	EGWO	5256,25	2836,834759		N60c	18953N60c	EGWO	33	39	6	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
32	4423,789845	2809,42163		26	N	18953N60c	STWO	4423,789845	3378,834042		N60c	18953N60c	STWO	19	24	5	13	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	13.25
10	2634,328358			1	N	18961N69l	STWO	2634,328358			N69l	18961N69l	STWO	10	16	6	0	11.6	61,162.852		51.2	61,162.852		5.1	1.55
49	7766,334504	3313,287743		214	E	19054E20c	STWO	7766,334504	4249,370207		E20c	19054E20c	STWO	45	45	0	4	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	5.45
49	7621,210397	3427,736734		380	E	19054E21a	STWO	7621,210397	4254,619991		E21a	19054E21a	STWO	44	44	0	5	46.8	61,162.852	3,773.36	352.4	61,162.852	4,711.837	0.7	5.45
49	6373,167986	3048,685458		12	E	19100E37d	STWO	6373,167986	3880,566595		E37d	19100E37d	STWO	40	39	-1	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
49	5887,820513	2455		6	E	19100E37g	EGWO	5887,820513	2701,716493		E37g	19100E37g	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
46	5883,523849	3173,036276		75	E	19100E37g	STWO	5883,523849	3904,667399		E37g	19100E37g	STWO	34	33	-1	12	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	13.25
47	7377,804983	4049,960187		104	K	19119K25b	STWO	7377,804983	4383,820913		K25b	19119K25b	STWO	44	41	-3	3	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-3.7	1.55
49	6967,514177	3184,871706		129	K	19119K25c	STWO	6967,514177	4006,33335		K25c	19119K25c	STWO	43	42	-1	6	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
49	6478,674302	3031,883972		76	K	19119K26c	STWO	6478,674302	3819,787339		K26c	19119K26c	STWO	42	41	-1	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
28	4647,380797	3358,269093		15	F	19127F86a	STWO	4647,380797	3446,929658		F86a	19127F86a	STWO	23	26	3	5	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
32	6163,340879	4262,2423		10	A	19178A01c	STWO	6163,340879	3918,353063		A01c	19178A01c	STWO	39	36	-3	-7	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-6.25
49	6754,12569	3083,898211		8	M	19186M57a	EGWO	6754,12569	3303,816793		M57a	19186M57a	EGWO	45	49	4	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
44	5340,924426	3024,024091		3	M	19186M57a	STWO	5340,924426	3730,64264		M57a	19186M57a	STWO	29	32	3	15	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	13.25
49	6300	3517,355377		3	K	19194K45b	STWO	6300			K45b	19194K45b	STWO	41	41	0	8	46.8	61,162.852	3,773.36	51.2	61,162.852		0.7	9.35
49	4562,130178	4113,4331		1	K	19208K45b	EGWO	4562,130178	2693,614055		K45b	19208K45b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6806,967469	2970,648258		14	K	19208K45b	STWO	6806,967469	3884,842465		K45b	19208K45b	STWO	42	43	1	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
6	3211,061283	3097,399305		121	T	19216T94f	STWO	3211,061283	3229,750721		T94f	19216T94f	STWO	5	6	1	1	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
45	7264,995471	3629,44075		5	A	19224A06k	EGWO	7264,995471	3222,891038		A06k	19224A06k	EGWO	49	49	0	-4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
46	7888,049584	4135,698488		20	A	19224A06k	STWO	7888,049584	4311,372187		A06k	19224A06k	STWO	45	45	0	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
46	7454,282699	2933,272142		26	A	19232A06k	STWO	7454,282699	3903,481843		A06k	19232A06k	STWO	45	45	0	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
41	7533,517572	4411,451819		5	A	19240A06k	EGWO	7533,517572	3509,563808		A06k	19240A06k	EGWO	49	49	0	-8	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
46	8055,628045	4327,048366		25	A	19240A06k	STWO	8055,628045	4263,598857		A06k	19240A06k	STWO	45	45	0	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
42	4379,806468	2530,624444		9	N	19259N70b	EGWO	4379,806468	2482,193677		N70b	19259N70b	EGWO	34	43	9	8	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
49	7279,683807	3515,584124		32	M	19267M28c	STWO	7279,683807	4165,416713		M28c	19267M28c	STWO	43	43	0	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	6574,600217	3100,541371		28	M	19275M28c	STWO	6574,600217	3886,419951		M28c	19275M28c	STWO	38	41	3	11	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
27	5228,523056	3825,482143		112	K	19283K90c	STWO	5228,523056	3719,295951		K90c	19283K90c	STWO	30	29	-1	-3	24.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	-2.35
23	4919,236198	3865,40522		48	K	19283K91c	STWO	4919,236198	3655,575927		K91c	19283K91c	STWO	30	26	-4	-7	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-6.25
6	4234,899889	4249,330377		94	N	19291N68c	STWO	4234,899889	3640,999781		N68c	19291N68c	STWO	11	13	2	-5	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
31	7004,183811	4837,274246		53	A	19321A09b	STWO	6976,283388	4215,273451		A09b	19321A09b	STWO	37	38	1	-6	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
27	6483,823529	4803,536372		3	A	19364A09b	STWO	6483,823529	3989,26639		A09b	19364A09b	STWO	32	33	1	-5	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
32	7048,819333	4697,758186		12	A	19399A01b	STWO	7048,819333	4084,926179		A01b	19399A01b	STWO	41	40	-1	-9	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
49	7418,630692	2368,408246		8	E	19402E21b	EGWO	7418,630692	2841,420261		E21b	19402E21b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7664,232412	4247,419133		10	E	19402E21b	STWO	7664,232412	4196,764924		E21b	19402E21b	STWO	44	45	1	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
	16444,44444			1	E	19402E22b	EGWO	16444,44444			E22b	19402E22b	EGWO						61,162.852		51.2	61,162.852			
47	7902,758579	4763,48668		25	E	19402E22b	STWO	7902,758579	4533,650458		E22b	19402E22b	STWO	42	42	0	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	7203,735217	3431,200015		67	K	19410K44c	STWO	7203,735217	4156,564511		K44c	19410K44c	STWO	42	42	0	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
	8691,304348			1	A	19429A08e	EGWO	8691,304348			A08e	19429A08e	EGWO						61,162.852		51.2	61,162.852			
41	7391,250134	4418,220914		53	A	19429A08e	STWO	7391,250134	4146,293895		A08e	19429A08e	STWO	42	43	1	-1	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
41	7050,067769	4329,10235		2	A	19445A04e	EGWO	7050,067769	3357,503832		A04e	19445A04e	EGWO	47	49	2	-6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
43	6924,617205	3160,924521		16	A	19445A04e	STWO	6924,617205	3817,899255		A04e	19445A04e	STWO	44	40	-4	-1	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-2.35
36	6864,169577	3519,058953		4	A	19453A01f	STWO	6864,169577	3874,932238		A01f	19453A01f	STWO	43	42	-1	-7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
49	8492,130315	3761,398741		15	A	19461A02a	EGWO	8492,130315	3561,752217		A02a	19461A02a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7860,083623	3872,534285		236	A	19461A02a	STWO	7860,083623	4210,473852		A02a	19461A02a	STWO	49	47	-2	0	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	1.55
49	7615,203867	3736,502288		8	A	19461A02b	EGWO	7615,203867	3649,06657		A02b	19461A02b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	8057,326418	4137,011539		203	A	19461A02b	STWO	8057,326418	4281,636842		A02b	19461A02b	STWO	49	47	-2	0	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	1.55
49	8192,944932	3622,093882		24	A	19461A02c	EGWO	8192,944932	3498,309932		A02c	19461A02c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
48	7944,971164	4152,540474		255	A	19461A02c	STWO	7944,971164	4286,149335		A02c	19461A02c	STWO	49	47	-2	-1	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	-2.35
49	7683,382576	3554,74807		10	A	19461A02d	EGWO	7683,382576	3396,00812		A02d	19461A02d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55

48	8002,999576	3940,770498	[redacted]	130	A	19461A02d	STWO	8002,999576	4218,415744	[redacted]	A02d	19461A02d	STWO	49	47	-2	-1	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	-2.35
49	8777,20871	3620,237228		14	A	19461A03a	EGWO	8777,20871	3912,74542		A03a	19461A03a	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
46	7883,249964	4290,620803		179	A	19461A03a	STWO	7883,249964	4289,229912		A03a	19461A03a	STWO	48	45	-3	-2	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-3.7	-2.35
	7887,910548	3495,378567		3	A	19461A03b	EGWO	7887,910548	3142,346791		A03b	19461A03b	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	8327,739145	3815,808128		18	A	19461A03b	STWO	8327,739145	4240,594945		A03b	19461A03b	STWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	9522,648762	3829,900211		21	A	19461A03c	EGWO	9522,648762	4030,919342		A03c	19461A03c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	8455,61645	4258,553402		167	A	19461A03c	STWO	8455,61645	4389,297496		A03c	19461A03c	STWO	49	49	0	0	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
49	9503,701488	3843,392181		37	A	19461A03d	EGWO	9503,701488	3740,181963		A03d	19461A03d	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	8398,826268	4331,422681		181	A	19461A03d	STWO	8398,826268	4412,957377		A03d	19461A03d	STWO	49	49	0	0	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
49	8230,79255	3594,175486		7	A	19461A03g	EGWO	8230,79255	3353,594324		A03g	19461A03g	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
43	7701,932933	4322,466345		76	A	19461A03g	STWO	7701,932933	4237,862227		A03g	19461A03g	STWO	47	44	-3	-4	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-2.35
5	2734,669972	3502,241477		149	T	19488T94f	STWO	2734,669972	3174,007033		T94f	19488T94f	STWO	5	5	0	0	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
30	4228,723404	2929,594625		2	F	19526F78d	EGWO	4228,723404	2688,275755		F78d	19526F78d	EGWO	28	36	8	2	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
6	4041,320138	4158,16611		45	N	19534N68c	STWO	4041,320138	3584,634009		N68c	19534N68c	STWO	11	11	0	-5	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
34	4359,079791	3059,63988		17	N	19542N67a	EGWO	4359,079791	2825,701888		N67a	19542N67a	EGWO	32	39	7	2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
41	7235,103126	4203,288392		22	N	19607N73h	EGWO	7235,103126	3761,209655		N73h	19607N73h	EGWO	40	46	6	1	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
49	8206,01622	4132,02083		18	A	19615A03a	EGWO	8206,01622	3657,676481		A03a	19615A03a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
44	7513,339727	4234,693594		160	A	19615A03a	STWO	7513,339727	4177,689986		A03a	19615A03a	STWO	43	44	1	1	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
49	8820,947664	4147,779293		36	A	19615A03c	EGWO	8820,947664	3630,626406		A03c	19615A03c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
45	7597,85828	4196,956649		211	A	19615A03c	STWO	7597,85828	4223,406865		A03c	19615A03c	STWO	45	45	0	0	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	1.55
49	8799,404915	3913,037853		17	A	19615A03d	EGWO	8799,404915	3618,710016		A03d	19615A03d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
46	7823,433158	4191,490463		182	A	19615A03d	STWO	7823,433158	4284,112711		A03d	19615A03d	STWO	45	45	0	1	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
49	8474,463457	4298,327167		6	A	19615A03g	EGWO	8474,463457	3998,903983		A03g	19615A03g	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
43	7209,616805	4073,612196		60	A	19615A03g	STWO	7209,616805	4149,804093		A03g	19615A03g	STWO	43	44	1	0	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	5599,278843	2401,266703		27	K	19704K90c	EGWO	5599,278843	2589,643639		K90c	19704K90c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
31	5576,781762	3858,637601		66	K	19712K90a	STWO	5576,781762	3709,997641		K90a	19712K90a	STWO	34	34	0	-3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
35	4361,100597	2862,416325		54	N	19755N61b	STWO	4361,100597	3431,380911		N61b	19755N61b	STWO	27	25	-2	8	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
49	6320,715762	3271,670404		321	E	19763E37f	STWO	6320,715762	4017,839558		E37f	19763E37f	STWO	37	36	-1	12	46.8	61,162.852	3,773.36	352.4	61,162.852	4,711.837	-1.5	13.25
5	2779,780685	2978,333194		356	T	19771T94n	STWO	2779,780685	2846,674416		T94n	19771T94n	STWO	5	5	0	0	7.2	61,162.852	3,773.36	352.4	61,162.852	4,711.837	0.7	1.55
49	6850,784418	3477,539087		84	K	19798K52d	STWO	6850,784418	4083,589937		K52d	19798K52d	STWO	38	40	2	11	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
49	6771,528708	3317,355159		223	K	19798K54c	STWO	6771,528708	3998,555308		K54c	19798K54c	STWO	40	41	1	9	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	9.35
49	7332,777101	3651,26602		135	E	19801E17a	STWO	7332,777101	4364,697014		E17a	19801E17a	STWO	40	40	0	9	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
48	6931,791451	3574,301435		397	E	19801E18b	STWO	6931,791451	4221,67304		E18b	19801E18b	STWO	39	39	0	9	46.8	61,162.852	3,773.36	352.4	61,162.852	4,711.837	0.7	9.35
49	7663,559877	3785,12534		154	E	19801E19a	STWO	7663,559877	4418,733289		E19a	19801E19a	STWO	41	41	0	8	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
41	5778,966061	3289,129035		229	E	19801E19b	STWO	5772,628542	3771,85877		E19b	19801E19b	STWO	33	35	2	8	42.4	61,162.852	3,773.36	252	61,162.852	4,711.837	2.9	9.35
49	7034,290165	3599,047893		71	E	19801E19c	STWO	7034,290165	4282,794105		E19c	19801E19c	STWO	40	39	-1	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
37	6252,604744	4160,905438		8	A	19828A05d	STWO	6252,604744	3997,006564		A05d	19828A05d	STWO	38	38	0	-1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
39	6886,301589	4435,164391		4	A	19836A05c	STWO	6886,301589	4465,313826		A05c	19836A05c	STWO	42	41	-1	-3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
	6153,284672	4535,490311		1	A	19852A09c	EGWO	6153,284672	3159,581162		A09c	19852A09c	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
26	5761,479909	4958,158625		87	A	19852A09c	STWO	5761,479909	3850,083476		A09c	19852A09c	STWO	30	32	2	-4	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
32	5233,32395	3589,309468		11	N	19860N65b	EGWO	5233,32395	3513,720362		N65b	19860N65b	EGWO	25	33	8	7	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
19	4043,7415	3271,975233		81	F	19879F82d	STWO	4043,7415	3202,484216		F82d	19879F82d	STWO	20	21	1	-1	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
37	4742,206687	2964,859143		18	N	19909N71c	EGWO	4742,206687	2467,890871		N71c	19909N71c	EGWO	40	48	8	-3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	-2.35
45	5141,212142	2606,870767		24	N	19909N71c	STWO	5141,212142	3484,595677		N71c	19909N71c	STWO	31	32	1	14	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
41	7583,941606	4491,416968		1	A	19968A04e	EGWO	7583,941606	3455,624919		A04e	19968A04e	EGWO	47	49	2	-6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
7	3546,519304	3372,248558		486	T	19976T94n	STWO	3546,519304	3105,667057		T94n	19976T94n	STWO	10	13	3	-3	7.2	61,162.852	3,773.36	452.8	61,162.852	4,711.837	2.9	-2.35
33	5499,449051	3540,594584		33	N	19984N65b	EGWO	5499,449051	3360,659283		N65b	19984N65b	EGWO	29	37	8	4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
36	6800,755278	3521,849752		3	A	20001A07c	STWO	6800,755278	3884,791693		A07c	20001A07c	STWO	41	41	0	-5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
35	6813,713001	4319,091741		2	A	20095A00c	EGWO	6813,713001	3947,20265		A00c	20095A00c	EGWO	44	49	5	-9	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-10.15
30	6854,837589	4817,938726		26	A	20095A00c	STWO	6854,837589	4138,122609		A00c	20095A00c	STWO	40	39	-1	-10	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
29	7068,2647	5037,23074		15	A	20095A00e	STWO	7068,2647	4245,546311		A00e	20095A00e	STWO	42	41	-1	-13	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-14.05
47	6714,856542	3337,650263		7	A	20095A04h	EGWO	6714,856542	3042,602871		A04h	20095A04h	EGWO	48	49	1	-1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
38	7474,201335	4626,19484		132	A	20095A04h	STWO	7474,201335	4250,366181		A04h	20095A04h	STWO	43	44	1	-5	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-6.25
39	7240,183793	4840,520441		2	A	20109A04h	STWO	7240,183793	4145,01802		A04h	20109A04h	STWO	42	43	1	-3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
45	6077,994445	2939,697603		73	E	20117E13d	STWO	6077,994445	3722,462115		E13d	20117E13d	STWO	40	39	-1	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	6603,315899	3184,42668		38	E	20117E13e	STWO	6603,315899	3886,97507		E13e	20117E13e	STWO	41	40	-1	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
35	4279,455185	2857,097201		32	N	20133N61b	STWO	4279,455185	3401,403207		N61b	20133N61b	STWO	27	20	-7	8	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-5.9	9.35
35	4284,687145	2951,105627		38	N	20141N61b	STWO	4284,687145	3474,992696		N61b	20141N61b	STWO	27	20	-7	8	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-5.9	9.35
35	5496,726111	3896,087175		4	A	20192A00c	EGWO	5496,726111	2949,055584		A00c	20192A00c	EGWO	44	49	5	-9	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-10.15
32	6394,745391	4360,686039		45	A	20192A00c	STWO	6394,745391	4011,622225		A00c	20192A00c	STWO	38	37	-1	-6	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
49	5201,276882	2631,529939		24	N	20206N70b	EGWO	5201,276882	2514,202801		N70b	20206N70b	EGWO	39	49	10	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
31	6343,350543	4357,266597		57	A	20214A01b	STWO	6331,305479	4056,089866		A01b	20214A01b	STWO	41	40	-1	-10	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
28	7397,943959	5625,292793		16	A	20249A01c	STWO	7397,943959	4500,901414		A01c	20249A01c	STWO	38	37	-1	-10	29.2	61,162.852	7,085.2	51.2	61,162.852	4,711.837	-1.5	-10.15
32	7246,386665	4697,6634		7	A	20249A01e	STWO	7246,386665	4215,018659		A01e	20249A01e	STWO	40	39	-1	-8	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
34	4931,715649	3243,914143		209	N	20257N65b	EGWO	4928,429126	3099,98241		N65b	20257N65b	EGWO	29	37	8	5	33.6	61,162.852	3,773.36	252	61,162.852	4,711.837	7.3	5.45
28	4421,903464	3118,178737		23	N	20257N66b	EGWO	4421,903464	2577,820345		N66b	20257N66b	EGWO	29	38	9	-1	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	-2.35
33	4174,670325	2818,843335		7	N	20257N66b	STWO	4174,670325	3367,19811		N66b	20257N66b	STWO	21	19	-2	12	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	13.25
40	6699,714478	3696,000736		5	A	20273A06g	STWO	6699,714478	4057,421174		A06g	20273A06g	STWO	43	44	1	-3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
26	4977,992571	3693,078688		811	F	20281F87a	STWO	4977,992571	3734,407465		F87a	20281F87a	STWO	25	25	0	1	24.8	61,162.852	3,773.36	854.4	61,162.852	4,711.837	0.7	1.55
49	9870,820669			2	K	20338K46a	EGWO	9870,820669			K46a	20338K46a	EGWO					46.8	61,162.852		51.2	61,162.852			
49	7892,177029	2860,231408		93	K	20338K46a	STWO	7892,177029	4127,216384		K46a	20338K46a	STWO					46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
	7818,068457			7	K	20338K46b	EGWO	7818,068457			K46b	20338K46b	EGWO						61,162.852		51.2	61,162.852			
49	17206,46314	2837,959784		144	K	20338K46b	STWO	17206,46314	4079,908187		K46b	20338K46b	STWO	48	47	-1	1	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	1.55
	10569,92209			4	K	20338K46c	EGWO	10569,92209			K46c	20338K46c	EGWO						61,162.852		51.2	61,162.852			
49	7587,868941	2711,756363		181	K	20338K46c	STWO	7587,868941	3975,420656		K46c	20338K46c	STWO					46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837		
49	10031,33069	3488,087661		2	K	20338K47d	EGWO	10031,33069	3643,817749		K47d	20338K47d	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	8032,821268	2902,036376		14	K	20338K47d	STWO	8032,821268	4113,22679		K47d	20338K47d	STWO					46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
	11430,39456	2983,1219		10	K	20354K46c	EGWO	11430,39456			K46c	20354K46c	EGWO						61,162.852	3,773.36	51.2	61,162.852			
49	8306,647262	2598,516609		34	K	20354K46c	STWO	8306,647262	3988,757579		K46c	20354K46c	STWO					46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
34	6342,105263	4482,3786		1	A	20362A03f	STWO	6342,105263	3889,667286		A03f	20362A03f	STWO	42	41	-1	-8	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
41	6927,132154	4189,050367		3	A	20370A04e	EGWO	6927,132154	3256,998012		A04e	20370A04e	EGWO	47	49	2	-6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
33	6914,681915	4636,07682		31	A	20370A04e	STWO	6914,681915	4161,129651		A04e	20370A04e	STWO	38	40	2	-5	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
46	4373,54901	2379,228889		9	N	20397N70a	EGWO	4373,54901	2377,838584		N70a	20397N70a	EGWO	39	46	7	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45

16	4295,454545	2479,124351	[redacted]	8	N	20397N70a	STWO	4295,454545	3258,178832	[redacted]	N70a	20397N70a	STWO	15	19	4	1	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
39	4894,644959	3189,13653		12	N	20397N70b	EGWO	4894,644959	2732,338034		N70b	20397N70b	EGWO	38	44	6	1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
31	4722,846793	2716,264856		48	N	20397N70b	STWO	4722,846793	3360,312943		N70b	20397N70b	STWO	23	28	5	8	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	9.35
23	3954,155621	2376,760505		26	F	20400F82d	STWO	3954,155621	3121,69337		F82d	20400F82d	STWO	16	21	5	7	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
37	5474,974209	3456,29104		58	N	20427N60c	EGWO	5474,974209	3423,252879		N60c	20427N60c	EGWO	32	37	5	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
49	8905,303307	4451,237362		10	A	20451A02a	EGWO	8905,303307	3853,352403		A02a	20451A02a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
40	8341,113172	4961,384396		12	A	20451A02a	STWO	8341,113172	4493,196462		A02a	20451A02a	STWO	46	45	-1	-6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
49	6329,603319	3074,973086		59	E	20478E75a	STWO	6329,603319	3832,290994		E75a	20478E75a	STWO	39	39	0	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	6594,450447	3313,06555		102	E	20508E16a	STWO	6594,450447	4031,770933		E16a	20508E16a	STWO	39	41	2	10	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	9.35
49	6742,846636	3261,076318		6	M	20516M57a	EGWO	6742,846636	3519,860199		M57a	20516M57a	EGWO	44	48	4	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
5	2707,06093	3486,654457		149	T	20524T94f	STWO	2707,06093	3118,557565		T94f	20524T94f	STWO	5	5	0	0	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
31	5306,228918	3674,104597		39	K	20532K90c	STWO	5306,228918	3676,251138		K90c	20532K90c	STWO	32	31	-1	-1	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
39	6688,498325	3989,630832		19	N	20540N60a	EGWO	6688,498325	4101,25708		N60a	20540N60a	EGWO	33	37	4	6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
49	6667,74788	3252,550924		62	K	20559K44d	STWO	6667,74788	3983,754439		K44d	20559K44d	STWO	41	40	-1	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
48	6750,831784	3480,29022		248	K	20567K54a	STWO	6750,831784	4091,849722		K54a	20567K54a	STWO	40	39	-1	8	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	9.35
40	7726,49638	4481,14715		3	A	20575A06a	EGWO	7726,49638	3802,228851		A06a	20575A06a	EGWO	47	49	2	-7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
40	7235,07085	4161,202309		2	A	20575A06a	STWO	7235,07085	4140,193833		A06a	20575A06a	STWO	43	43	0	-3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
46	6762,688098	3591,938385		6	A	20591A04d	EGWO	6762,688098	2951,918237		A04d	20591A04d	EGWO	49	49	0	-3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
36	6751,459248	4356,085328		54	A	20591A04d	STWO	6751,459248	4031,115374		A04d	20591A04d	STWO	40	41	1	-4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
35	5046,040339	3081,742793		18	N	20605N61b	STWO	5046,040339	3638,423725		N61b	20605N61b	STWO	28	25	-3	7	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	5.45
49	5543,323871	2804,102085		29	M	20613M30a	EGWO	5543,323871	2738,024964		M30a	20613M30a	EGWO	45	49	4	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
44	5802,982626	3240,450709		67	M	20613M30a	STWO	5802,982626	3831,918477		M30a	20613M30a	STWO	34	34	0	10	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
24	5773,770789	4289,413494		34	A	20621A09e	STWO	5773,770789	3907,598417		A09e	20621A09e	STWO	31	32	1	-7	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
5	2703,932791	3484,100872		149	T	20648T94f	STWO	2703,932791	3117,126051		T94f	20648T94f	STWO	5	5	0	0	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
42	6520,961643	3479,367791		8	M	20656M32a	STWO	6520,961643	4018,593978		M32a	20656M32a	STWO	37	38	1	5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
45	6600,617308	3474,682811		87	M	20656M32b	STWO	6600,617308	4012,855784		M32b	20656M32b	STWO	39	39	0	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	7182,287785	3111,99905		112	K	20664K52a	STWO	7182,287785	3964,339437		K52a	20664K52a	STWO	45	45	0	4	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
39	4783,926662	2685,329334		5	E	20680E37c	STWO	4783,926662	3933,688579		E37c	20680E37c	STWO	30	26	-4	9	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	9.35
30	6052,726716	3527,993292		2	A	20702A00c	STWO	6052,726716	3830,932624		A00c	20702A00c	STWO	39	38	-1	-9	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
49	6761,012583	3324,953421		161	K	20710K54c	STWO	6761,012583	4009,786551		K54c	20710K54c	STWO	41	41	0	8	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
17	4490,905947	3649,201721		46	F	20729F77a	STWO	4490,905947	3411,356837		F77a	20729F77a	STWO	17	21	4	0	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
44	7710,29283	4133,337012		7	A	20737A04e	EGWO	7710,29283	3358,703405		A04e	20737A04e	EGWO	49	49	0	-5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
38	6951,367893	4561,187184		60	A	20737A04e	STWO	6951,367893	4188,41219		A04e	20737A04e	STWO	39	40	1	-1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
32	6536,363636	3529,6089		1	A	20745A01g	STWO	6536,363636	3801,02014		A01g	20745A01g	STWO		41			33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	3729,98387	3000,152346		54	E	20761E40c	STWO	3729,98387	3953,943758		E40c	20761E40c	STWO	40	39	-1	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
36	7372,570294	4765,392543		22	A	20788A08b	STWO	7372,570294	4248,449097		A08b	20788A08b	STWO	40	42	2	-4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
49	6655,764533	3471,501437		29	E	20796E18a	STWO	6655,764533	4115,943659		E18a	20796E18a	STWO	41	40	-1	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
41	7302,674923	4611,0516		5	A	20818A04e	EGWO	7302,674923	3738,963822		A04e	20818A04e	EGWO	47	49	2	-6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
38	7062,538666	4597,89888		5	A	20818A04e	STWO	7062,538666	4286,752073		A04e	20818A04e	STWO	35	40	5	3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
39	7127,777778	4355,517661		3	N	20826N60a	EGWO	7127,777778	4657,768592		N60a	20826N60a	EGWO	32	37	5	7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
41	7513,513514			1	A	20842A04e	EGWO	7513,513514	4084,978228		A04e	20842A04e	EGWO	47	49	2	-6	42.4	61,162.852		51.2	61,162.852	4,711.837	2.9	-6.25
38	6968,915344	4440,6775		2	A	20842A04e	STWO	6968,915344	4114,480853		A04e	20842A04e	STWO	39	40	1	-1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
41	7157,407407	4578,6368		1	A	20850A04e	EGWO	7157,407407	3604,495308		A04e	20850A04e	EGWO	47	49	2	-6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
38	7385,468249	4369,810864		20	A	20850A04e	STWO	7385,468249	4129,438313		A04e	20850A04e	STWO	38	40	2	0	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
31	6207,894737	4579,2043		2	A	20869A01b	STWO	6207,894737	3906,116627		A01b	20869A01b	STWO	41	40	-1	-10	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
30	4830,769231			1	A	20869A01d	EGWO	4830,769231			A01d	20869A01d	EGWO	43	48	5	-13	29.2	61,162.852		51.2	61,162.852		5.1	-14.05
28	7409,672178	5695,151975		8	A	20869A01d	STWO	7409,672178	4574,208693		A01d	20869A01d	STWO	42	38	-4	-14	29.2	61,162.852	7,085.2	51.2	61,162.852	4,711.837	-3.7	-14.05
41	7517,879418	3623,8837		2	A	20877A04e	EGWO	7517,879418	3265,222958		A04e	20877A04e	EGWO	47	49	2	-6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
38	7166,941392	3893,94192		5	A	20877A04e	STWO	7166,941392	4056,352736		A04e	20877A04e	STWO	39	40	1	-1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
38	7315,622061	4506,699604		9	A	20885A04e	EGWO	7315,622061	3652,652104		A04e	20885A04e	EGWO	47	49	2	-9	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-10.15
33	6996,680104	4886,192384		19	A	20885A04e	STWO	6996,680104	4121,131714		A04e	20885A04e	STWO	38	40	2	-5	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
24	9230,769231			1	A	20893A01b	EGWO	9230,769231			A01b	20893A01b	EGWO	38	47	9	-14	24.8	61,162.852		51.2	61,162.852		9.5	-14.05
31	7216,333845	4843,679765		2	A	20893A01b	STWO	7216,333845	4199,427322		A01b	20893A01b	STWO	41	40	-1	-10	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
30	5841,666667	4476,9046		1	A	20893A01d	EGWO	5841,666667	3228,295557		A01d	20893A01d	EGWO	43	48	5	-13	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-14.05
30	7346,410489	5198,087268		7	A	20893A01d	STWO	7346,410489	4249,447484		A01d	20893A01d	STWO	41	40	-1	-11	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
46	7470,380986	4330,3337		3	A	20907A07a	EGWO	7470,380986	3440,756175		A07a	20907A07a	EGWO	49	49	0	-3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
44	7301,455416	4087,289051		52	A	20907A07a	STWO	7301,455416	4237,044073		A07a	20907A07a	STWO	42	42	0	2	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	8742,624357	4580,1468		2	A	20907A07c	EGWO	8742,624357	3932,763003		A07c	20907A07c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
34	7135,182558	4684,142198		131	A	20907A07c	STWO	7135,182558	4272,0708		A07c	20907A07c	STWO	39	39	0	-5	33.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-6.25
33	7033,095238	4874,509583		3	A	20915A01d	STWO	7033,095238	4242,784258		A01d	20915A01d	STWO	42	41	-1	-9	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
49	6520,770158	3177,005611		22	K	20958K53b	STWO	6520,770158	3853,888046		K53b	20958K53b	STWO	40	40	0	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
29	5886,434109	3955,6004		2	A	20966A00a	STWO	5886,434109	3784,226956		A00a	20966A00a	STWO	38	39	1	-9	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-10.15
32	6753,867589	4608,770602		8	A	20966A00c	STWO	6753,867589	4082,143445		A00c	20966A00c	STWO	40	40	0	-8	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
48	7063,720883	3420,202261		74	M	20974M58g	STWO	6962,919347	3891,035244		M58g	20974M58g	STWO	40	41	1	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
40	5261,904762	3550,715714		1	N	20982N71c	STWO	5261,904762	3639,402574		N71c	20982N71c	STWO	31	33	2	9	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
40	5891,304348	3353,6036		1	A	20990A05b	EGWO	5891,304348			A05b	20990A05b	EGWO	46	49	3	-6	38	61,162.852	3,773.36	51.2	61,162.852		2.9	-6.25
40	7723,086461	4681,091476		50	A	20990A05b	STWO	7723,086461	4290,562198		A05b	20990A05b	STWO	44	45	1	-4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
38	6715,521272	3777,90259		2	A	20990A05c	EGWO	6715,521272	2776,064216		A05c	20990A05c	EGWO	43	49	6	-5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-6.25
39	6789,940974	3985,496371		57	A	20990A05c	STWO	6789,940974	3983,88676		A05c	20990A05c	STWO	39	40	1	0	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
34	5821,439039	4924,582467		8	A	21008A03f	STWO	5821,439039	4370,852342		A03f	21008A03f	STWO	41	41	0	-7	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
49	7136,640619	3109,22705		8	E	21024E18a	EGWO	7136,640619	3217,28935		E18a	21024E18a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
29	6344,426407	4736,8725		2	A	21040A00a	STWO	6344,426407	4025,715834		A00a	21040A00a	STWO	38	39	1	-9	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-10.15
30	6240	3620,826315		1	A	21040A00c	STWO	6240	3752,148204		A00c	21040A00c	STWO	39	38	-1	-9	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
49	7539,72088	3480,263706		11	K	21059K25b	STWO	7539,72088	4329,142513		K25b	21059K25b	STWO	44	43	-1	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
	8478,792779			11	K	21067K47c	STWO	8478,792779			K47c	21067K47c	STWO						61,162.852		51.2	61,162.852			
49	7294,083782	3651,324109		11	N	21075N61c	EGWO	7294,083782	3995,404879		N61c	21075N61c	EGWO	41	44	3	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
35	3733,100523	2402,746999		55	F	21091F83a	EGWO	3733,100523	2222,693833		F83a	21091F83a	EGWO	31	40	9	4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
5	2720,54154	3031,72955		93	F	21091F83a	STWO	2720,54154	3063,856231		F83a	21091F83a	STWO	7	8	1	-2	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
48	6435,187112	3185,116874		39	M	21113M30a	STWO	6435,187112	3917,134415		M30a	21113M30a	STWO	38	38	0	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	6480,156143	3198,145298		6	M	21113M30b	STWO	6480,156143	3903,024303		M30b	21113M30b	STWO	40	40	0	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
45	6124,892986	3361,217977		71	M	21121M30a	STWO	6124,892986	3929,703326		M30a	21121M30a	STWO	38	35	-3	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	5.45
31	4824,834702	3319,965864		20	N	21148N65c	EGWO	4824,834702	3096,866507		N65c	21148N65c	EGWO	29	36	7	2	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
49	7025,641026	4536,7342		1	M	21156M55g	EGWO	7025,641026	3630,062026		M55g	21156M55g	EGWO	47	49	2	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55

49	6094,599821		[redacted]	2	M	21156M55h	EGWO	6094,599821		[redacted]	M55h	21156M55h	EGWO		49		46.8	61,162.852		51.2	61,162.852			
41	5329,545455	2636,1096		2	M	21156M55h	STWO	5329,545455	3489,545864		M55h	21156M55h	STWO	31	34	3	10 42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
49	6136,379755	2625,133463		8	M	21156M56c	STWO	6136,379755	3670,920324		M56c	21156M56c	STWO	40	38	-2	9 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
	12293,33333			1	M	21156M56d	EGWO	12293,33333			M56d	21156M56d	EGWO					61,162.852		51.2	61,162.852			
43	5695,097665	2538,997886		36	M	21156M56d	STWO	5695,097665	3524,055842		M56d	21156M56d	STWO	35	38	3	8 42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
	6684,546616	3729,488967		3	M	21156M57b	EGWO	6684,546616	3492,385608		M57b	21156M57b	EGWO					61,162.852	3,773.36	51.2	61,162.852	4,711.837		
6	2637,626849	2794,892024		31	T	21172T94n	STWO	2637,626849	2656,363002		T94n	21172T94n	STWO	5	10	5	1 7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
49	6928,277443	3442,767035		148	K	21180K54c	STWO	6928,277443	4084,847972		K54c	21180K54c	STWO	41	41	0	8 46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
36	6630,645234	4202,134071		10	A	21199A00d	STWO	6630,645234	4014,142943		A00d	21199A00d	STWO	42	41	-1	-6 38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
43	6443,75	3797,0279		1	K	21202K25a	EGWO	6443,75	3072,706231		K25a	21202K25a	EGWO	46	49	3	-3 42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
49	7595,58581	3653,282938		147	K	21202K25a	STWO	7595,58581	4274,578571		K25a	21202K25a	STWO	44	43	-1	5 46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
	6848,90873	3934,578925		2	K	21202K25b	EGWO	6848,90873	3283,231966		K25b	21202K25b	EGWO					61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	7907,008276	3927,608669		125	K	21202K25b	STWO	7907,008276	4416,228031		K25b	21202K25b	STWO	45	44	-1	4 46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
47	4565,999625	2419,677647		17	N	21210N70b	EGWO	4565,999625	2447,125445		N70b	21210N70b	EGWO	38	46	8	9 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	9.35
42	6356,761269	3678,372578		32	N	21229N62b	EGWO	6356,761269	3572,589743		N62b	21229N62b	EGWO	35	44	9	7 42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
49	6941,386244	2978,097668		7	E	21245E17a	STWO	6941,386244	3939,736627		E17a	21245E17a	STWO	44	43	-1	5 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	7335,123762	3410,114562		37	E	21253E18a	STWO	7335,123762	4124,908666		E18a	21253E18a	STWO	44	44	0	5 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
43	7829,88652	5440,794343		22	E	21253E18b	STWO	7829,88652	4793,482106		E18b	21253E18b	STWO	36	39	3	7 42.4	61,162.852	7,085.2	51.2	61,162.852	4,711.837	2.9	5.45
30	5026,341141	3142,151527		51	F	21288F87d	STWO	5026,341141	3482,620209		F87d	21288F87d	STWO	20	23	3	10 29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
42	5119,047619			1	F	21296F81c	EGWO	5119,047619			F81c	21296F81c	EGWO	36	47	11	6 42.4	61,162.852		51.2	61,162.852		11.7	5.45
45	6967,187253	3757,305008		11	A	21318A09i	EGWO	6967,187253	3286,408673		A09i	21318A09i	EGWO	47	49	2	-2 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
39	6717,855011	4113,462951		154	A	21318A09i	STWO	6717,855011	4051,636803		A09i	21318A09i	STWO	39	40	1	0 38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
45	5643,031001	3752,272232		6	M	21342M30b	EGWO	5643,031001	3004,6596		M30b	21342M30b	EGWO	44	49	5	1 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
48	6806,783119	3526,954164		85	M	21342M30b	STWO	6806,783119	4019,462964		M30b	21342M30b	STWO	41	41	0	7 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	6250,211917	3116,395903		45	M	21350M56c	STWO	6250,211917	3834,811052		M56c	21350M56c	STWO	38	38	0	11 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
11	3913,213977	3480,965298		100	F	21369F78c	STWO	3913,213977	3266,488447		F78c	21369F78c	STWO	11	16	5	0 11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
47	7052,385086	3700,963317		41	M	21377M31a	STWO	7052,385086	4271,86984		M31a	21377M31a	STWO	39	39	0	8 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
44	5615,09434	3167,68		4	M	21385M57a	STWO	5615,09434	3867,705611		M57a	21385M57a	STWO	29	32	3	15 42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	13.25
31	5694,05788	3928,029697		33	K	21393K90d	STWO	5694,05788			K90d	21393K90d	STWO	30	31	1	1 29.2	61,162.852	3,773.36	51.2	61,162.852		0.7	1.55
34	5416,814854	3624,208696		51	N	21407N67a	EGWO	5416,814854	3130,544375		N67a	21407N67a	EGWO	33	42	9	1 33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
32	5320,109231	2329,215626		6	N	21407N67a	STWO	5320,109231	3476,875284		N67a	21407N67a	STWO	19	22	3	13 33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	13.25
46	4529,717709	2448,863529		17	N	21431N69a	EGWO	4529,717709	2457,190791		N69a	21431N69a	EGWO	39	46	7	7 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
36	6589,125232	3992,671836		7	A	21474A00d	STWO	6589,125232	3848,844872		A00d	21474A00d	STWO	42	42	0	-6 38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
46	8455,362608	4338,884238		15	A	21482A02a	EGWO	8455,362608	3906,475842		A02a	21482A02a	EGWO	49	49	0	-3 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
40	7632,844388	4896,135614		87	A	21482A02a	STWO	7632,844388	4397,843413		A02a	21482A02a	STWO	44	42	-2	-4 38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
46	7124,810516	3758,023069		24	M	21490M31b	STWO	7124,810516	4416,312343		M31b	21490M31b	STWO	38	38	0	8 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
5	3508,379496	3441,947989		819	F	21512F83a	STWO	3508,379496	3223,682298		F83a	21512F83a	STWO	7	8	1	-2 7.2	61,162.852	3,773.36	854.4	61,162.852	4,711.837	0.7	-2.35
49	6130,775201	3117,359415		161	E	21520E38c	STWO	6130,775201	3925,078477		E38c	21520E38c	STWO	36	36	0	13 46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	13.25
49	6664,974619	2462,773895		1	M	21539M56b	EGWO	6664,974619	2603,092728		M56b	21539M56b	EGWO	49	49	0	0 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6757,681512	2731,857568		101	M	21539M56b	STWO	6757,681512	3789,305383		M56b	21539M56b	STWO	41	44	3	8 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
49	7647,476497	2503,526122		10	K	21547K46a	STWO	7647,476497	3951,152925		K46a	21547K46a	STWO	49	49	0	0 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
44	5323,643144	2974,293654		36	N	21563N60b	EGWO	5323,643144	2833,754502		N60b	21563N60b	EGWO	40	47	7	4 42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
39	5156,765052	3156,514138		28	N	21563N60b	STWO	5156,765052	3583,494601		N60b	21563N60b	STWO	26	30	4	13 38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	13.25
32	4281,665024	2950,76034		23	N	21563N60c	STWO	4281,665024	3425,466045		N60c	21563N60c	STWO	18	24	6	14 33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	13.25
23	5317,973429	4557,796454		80	E	21571E39d	STWO	5317,973429	3966,815874		E39d	21571E39d	STWO	25	24	-1	-2 24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
48	8103,725513	4180,30448		15	A	21598A06g	EGWO	8103,725513	3332,024318		A06g	21598A06g	EGWO	49	49	0	-1 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
43	7777,190038	4532,814566		259	A	21598A06g	STWO	7777,190038	4366,84827		A06g	21598A06g	STWO	44	45	1	-1 42.4	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	-2.35
45	6988,619441	4151,953467		3	A	21601A06g	EGWO	6988,619441	3204,048374		A06g	21601A06g	EGWO	49	49	0	-4 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
37	7768,013115	4905,593121		192	A	21601A06g	STWO	7768,013115	4452,38406		A06g	21601A06g	STWO	42	42	0	-5 38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-6.25
9	3288,174302	3204,048617		131	F	21660F82c	STWO	3288,174302	3100,187478		F82c	21660F82c	STWO	6	7	1	3 7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
13	4476,697957	3922,141687		76	F	21687F78c	STWO	4476,697957	3589,596633		F78c	21687F78c	STWO	14	21	7	-1 11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	-2.35
49	5867,780749	2724,739294		34	N	21717N64c	EGWO	5867,780749	2739,031696		N64c	21717N64c	EGWO	47	49	2	2 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
38	5109,070246	3171,869167		24	E	21733E37c	STWO	5109,070246	3552,575513		E37c	21733E37c	STWO	25	32	7	13 38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	13.25
33	4843,132764	3226,218136		148	E	21733E39c	STWO	4843,132764	3583,344204		E39c	21733E39c	STWO		30		33.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837		
28	4809,992105	3316,381875		73	E	21733E39d	STWO	4809,992105	3591,701803		E39d	21733E39d	STWO	26	28	2	2 29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
49	7104,961832	2407,4766		4	M	21741M27a	EGWO	7104,961832	2811,455256		M27a	21741M27a	EGWO				46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	6698,022086	3178,320675		21	M	21741M27a	STWO	6698,022086	3977,742778		M27a	21741M27a	STWO	42	40	-2	7 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
30	5127,683533	3634,193992		43	N	21768N61b	STWO	5127,683533	3746,857611		N61b	21768N61b	STWO	26	26	0	4 29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	6780,266566	3356,472041		107	K	21776K44e	STWO	6780,266566	4030,348066		K44e	21776K44e	STWO	41	40	-1	8 46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	9.35
49	5809,302326	2432,5778		1	K	21784K44e	EGWO	5809,302326	2415,648566		K44e	21784K44e	EGWO	49	49	0	0 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7336,352151	3371,602697		245	K	21784K44e	STWO	7336,352151	4117,107932		K44e	21784K44e	STWO	43	44	1	6 46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	5.45
38	5094,224692	2639,902692		12	F	21792F77f	EGWO	5094,224692	2461,292652		F77f	21792F77f	EGWO	34	43	9	4 38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
16	3260,869565	2181,24		1	F	21792F77f	STWO	3260,869565	2938,850193		F77f	21792F77f	STWO	14	17	3	2 16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
31	5681,170473	3876,847957		7	A	21806A00b	STWO	5681,170473	3617,040621		A00b	21806A00b	STWO	37	36	-1	-6 29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
49	8399,393935	3853,328507		15	A	21814A02d	EGWO	8399,393935	3398,358575		A02d	21814A02d	EGWO	49	49	0	0 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
48	7608,436245	4010,79814		28	A	21814A02d	STWO	7608,436245	4137,290555		A02d	21814A02d	STWO	48	47	-1	0 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	8007,962542	3845,906799		15	A	21814A03g	EGWO	8007,962542	3432,874013		A03g	21814A03g	EGWO	49	49	0	0 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
46	278493,3431	4125,572688		33	A	21814A03g	STWO	278493,3431	4182,223134		A03g	21814A03g	STWO	45	45	0	1 46.8	302,859.805	3,773.36	51.2	302,859.805	4,711.837	0.7	1.55
49	7503,670875	3682,641002		5	A	21814A06h	EGWO	7503,670875	3397,585722		A06h	21814A06h	EGWO	49	49	0	0 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
48	8105,417821	4262,148268		50	A	21814A06h	STWO	8105,417821	4230,06404		A06h	21814A06h	STWO	47	48	1	1 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
38	6941,672486	4278,2671		4	A	21814A06j	STWO	6941,672486	4002,139287		A06j	21814A06j	STWO	40	39	-1	-2 38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
46	8991,934051	4566,575626		4	A	21814A07a	EGWO	8991,934051	3923,737353		A07a	21814A07a	EGWO	49	49	0	-3 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
42	7367,256639	3988,984968		5	A	21814A07a	STWO	7367,256639	4132,222184		A07a	21814A07a	STWO	45	42	-3	-3 42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-2.35
33	6262,535098	4222,120673		11	A	21814A07b	STWO	6262,535098	3834,350361		A07b	21814A07b	STWO	41	39	-2	-8 33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
34	6615,286972	4335,578356		81	A	21822A06j	STWO	6615,286972	3940,439225		A06j	21822A06j	STWO	42	40	-2	-8 33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
35	6550,960312	4015,653323		47	A	21822A07b	STWO	6550,960312	3805,698494		A07b	21822A07b	STWO	39	38	-1	-4 33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
37	7094,150099	4567,1689		5	A	21822A07d	STWO	7094,150099	4540,334317		A07d	21822A07d	STWO	42	41	-1	-5 38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
49	8399,074074	4821,1095		3	A	21830A07c	EGWO	8399,074074	4097,822203		A07c	21830A07c	EGWO	49	49	0	0 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
38	7101,779967	4442,020799		65	A	21830A07c	STWO	7101,779967	4248,593562		A07c	21830A07c	STWO	40	40	0	-2 38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
37	7282,811385	4759,262141		10	A	21849A07a	STWO	7282,811385	4117,596384		A07a	21849A07a	STWO	43	42	-1	-6 38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
36	6612,423603	3964,643438		8	A	21849A07c	STWO	6612,423603	3901,181518		A07c	21849A07c	STWO	42	41	-1	-6 38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
40	7146,666667	4518,805		1	A	21849A07d	STWO	7146,666667	4077,092968		A07d	21849A07d	STWO	42	41	-1	-2 38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
42	7283,457812	4244,028992		12	A	21857A03a	STWO	7283,457812	4134,438813		A03a	21857A03a	STWO	42	43	1	0 42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55

43	6990,177593	3932,370286	[redacted]	15	A	21857A03g	STWO	6990,177593	3956,202201	[redacted]	A03g	21857A03g	STWO	42	44	2	1	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
37	7264,710588	4835,229821		15	A	21857A07a	STWO	7264,710588	4226,563512		A07a	21857A07a	STWO	43	42	-1	-6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
36	6225,524099	3788,3377		4	A	21857A07c	STWO	6225,524099	3800,230711		A07c	21857A07c	STWO	41	41	0	-5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
49	7132,373887	3446,240037		122	K	21865K44b	STWO	7132,373887	4122,695271		K44b	21865K44b	STWO	43	42	-1	6	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
49	6739,757216	3099,64335		120	K	21873K44d	STWO	6739,757216	3939,611882		K44d	21873K44d	STWO	43	42	-1	6	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
49	6694,79073	2907,948306		163	K	21881K52d	STWO	6694,79073	3848,622802		K52d	21881K52d	STWO	40	42	2	9	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	9.35
46	6315,470741	3425,628527		42	K	21881K54a	STWO	6315,470741	3805,514914		K54a	21881K54a	STWO	40	40	0	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	7728,43097	3678,674668		13	A	21903A02b	EGWO	7728,43097	3352,179833		A02b	21903A02b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
46	8053,371081	4312,044066		99	A	21903A02b	STWO	8053,371081	4289,657119		A02b	21903A02b	STWO	49	47	-2	-3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
49	7440,326439	2622,471422		31	K	21954K49d	STWO	7440,326439	3909,027975		K49d	21954K49d	STWO	49	48	-1	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
35	8028,706634	5442,882091		15	A	21997A08a	STWO	8028,706634	4652,619449		A08a	21997A08a	STWO	41	42	1	-6	33.6	61,162.852	7,085.2	51.2	61,162.852	4,711.837	0.7	-6.25
43	7530,61391	4324,911621		32	A	22004A08a	STWO	7530,61391	4335,863599		A08a	22004A08a	STWO	43	42	-1	0	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
39	5974,285787	3175,120232		49	M	22012M33d	STWO	5974,285787	3752,345967		M33d	22012M33d	STWO	38	34	-4	1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	1.55
5	4814,708205	4850,225365		56	F	22047F76b	STWO	4814,708205	3720,68633		F76b	22047F76b	STWO	12	16	4	-7	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
39	6388,976516	3920,616195		37	N	22055N60a	EGWO	6388,976516	4069,472245		N60a	22055N60a	EGWO	32	36	4	7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
46	7790,419162	4065,5397		1	A	22101A07a	EGWO	7790,419162	3311,66091		A07a	22101A07a	EGWO	49	49	0	-3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
43	7966,638105	4567,543151		91	A	22101A07a	STWO	7966,638105	4527,37778		A07a	22101A07a	STWO	43	43	0	0	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
45	7742,144302	4167,6971		13	A	22101A07c	EGWO	7742,144302	3432,549657		A07c	22101A07c	EGWO	49	49	0	-4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
35	7243,911852	4716,172291		248	A	22101A07c	STWO	7243,911852	4289,452216		A07c	22101A07c	STWO	40	40	0	-5	33.6	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	-6.25
24	7120,764504	5529,606866		35	A	22128A00a	STWO	7120,764504	4341,834128		A00a	22128A00a	STWO	39	37	-2	-15	24.8	61,162.852	7,085.2	51.2	61,162.852	4,711.837	-1.5	-14.05
24	6148,161757	4699,28369		21	A	22128A00b	STWO	6148,161757	3941,14097		A00b	22128A00b	STWO	36	35	-1	-12	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
20	4304,353128	3430,793305		39	T	22136T98a	EGWO	4264,997835	2835,674657		T98a	22136T98a	EGWO	23	33	10	-3	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	-2.35
29	4734,442135	2470,415785		14	T	22136T98a	STWO	4734,442135	3371,356664		T98a	22136T98a	STWO	22	27	5	7	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
46	6514,509786	3490,132767		32	N	22144N61c	EGWO	6514,509786	3712,757577		N61c	22144N61c	EGWO	40	43	3	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
45	7134,687021	3577,344019		17	N	22179N73b	EGWO	7134,687021	3300,316843		N73b	22179N73b	EGWO	40	49	9	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
40	8469,026549	4758,313982		1	A	22217A06a	EGWO	8469,026549	3830,612865		A06a	22217A06a	EGWO	47	49	2	-7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
39	7708,101653	4862,300682		53	A	22217A06a	STWO	7708,101653	4406,947237		A06a	22217A06a	STWO	44	44	0	-5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
45	7090,83273	4132,124434		4	A	22217A06c	EGWO	7090,83273	3281,164226		A06c	22217A06c	EGWO	49	49	0	-4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
40	8044,852654	4867,114031		52	A	22217A06c	STWO	8044,852654	4301,215913		A06c	22217A06c	STWO	43	44	1	-3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
42	7707,337528	4562,02002		125	A	22217A06g	STWO	7707,337528	4383,696545		A06g	22217A06g	STWO	44	44	0	-2	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-2.35
49	8114,850722	3596,586857		53	A	22217A06h	STWO	8114,850722	4213,104289		A06h	22217A06h	STWO	46	48	2	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
45	9974,576271			1	A	22217A06k	EGWO	9974,576271			A06k	22217A06k	EGWO	49	49	0	-4	46.8	61,162.852		51.2	61,162.852		0.7	-2.35
43	7796,616464	4612,924253		41	A	22217A06k	STWO	7796,616464	4360,810547		A06k	22217A06k	STWO	46	46	0	-3	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
43	7857,722379	4526,259159		4	A	22217A06l	EGWO	7857,722379	3546,66798		A06l	22217A06l	EGWO	49	49	0	-6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
46	8530,954364	4637,430668		46	A	22217A06l	STWO	8530,954364	4585,807432		A06l	22217A06l	STWO	46	46	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
47	7315,634736	3797,949641		17	A	22217A07a	STWO	7315,634736	4218,014798		A07a	22217A07a	STWO	42	42	0	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	8437,166667	4607,1234		4	A	22217A07c	EGWO	8437,166667	3893,971984		A07c	22217A07c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
36	7411,626563	4767,942417		50	A	22217A07c	STWO	7411,626563	4273,384086		A07c	22217A07c	STWO	42	42	0	-6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
49	9922,519358	4246,28233		12	A	22217A07e	EGWO	9922,519358	3842,281186		A07e	22217A07e	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
44	7766,67029	4344,811863		163	A	22217A07e	STWO	7766,67029	4351,401864		A07e	22217A07e	STWO	44	44	0	0	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
28	7456,129884	5295,647379		12	A	22225A01d	STWO	7456,129884	4430,657258		A01d	22225A01d	STWO	40	39	-1	-12	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
49	7693,65963	3384,524434		8	A	22233A06g	EGWO	7693,65963	3054,948498		A06g	22233A06g	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
45	7055,576918	3824,425417		8	A	22233A06g	STWO	7055,576918	4110,234317		A06g	22233A06g	STWO	42	42	0	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
22	6917,461389	5572,109917		28	A	22241A09e	STWO	6917,461389	4369,483527		A09e	22241A09e	STWO	33	35	2	-11	20.4	61,162.852	7,085.2	51.2	61,162.852	4,711.837	2.9	-10.15
41	7323,434055	4304,513795		6	A	22322A06a	EGWO	7323,434055	3381,816466		A06a	22322A06a	EGWO	48	49	1	-7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
40	7565,609239	4620,226439		137	A	22322A06a	STWO	7565,609239	4312,655907		A06a	22322A06a	STWO	42	43	1	-2	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-2.35
47	7551,067254	4018,040814		12	A	22322A06k	EGWO	7551,067254	3347,51015		A06k	22322A06k	EGWO	49	49	0	-2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
40	8077,079913	4840,593288		154	A	22322A06k	STWO	8077,079913	4441,306356		A06k	22322A06k	STWO	44	44	0	-4	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-2.35
46	7593,158155	4067,452656		13	A	22330A06k	EGWO	7593,158155	3322,910484		A06k	22330A06k	EGWO	49	49	0	-3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
41	7671,669657	4580,803985		73	A	22330A06k	STWO	7671,669657	4318,551		A06k	22330A06k	STWO	44	43	-1	-3	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
49	8002,25777	4031,897813		19	M	22349M56a	EGWO	8002,25777	3876,022587		M56a	22349M56a	EGWO	47	49	2	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
49	7596,686047	3585,557562		5	M	22349M56a	STWO	7596,686047	4283,396116		M56a	22349M56a	STWO	42	44	2	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
49	6623,732384	2592,404754		7	M	22357M56a	EGWO	6623,732384	2620,515168		M56a	22357M56a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6748,856148	2812,329671		122	M	22357M56a	STWO	6748,856148	3806,835804		M56a	22357M56a	STWO	42	44	2	7	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	5.45
49	7736,111111	3293,486		1	M	22365M56a	EGWO	7736,111111	3481,691983		M56a	22365M56a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6956,960223	2976,060344		115	M	22365M56a	STWO	6956,960223	3899,536453		M56a	22365M56a	STWO	42	44	2	7	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	5.45
48	6456,161134	3318,638085		9	M	22373M56a	EGWO	6456,161134	2916,881291		M56a	22373M56a	EGWO	49	49	0	-1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	6627,779147	2879,541238		226	M	22373M56a	STWO	6627,779147	3830,852107		M56a	22373M56a	STWO	41	42	1	8	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	9.35
49	6506,763287	3169,557221		17	M	22373M56b	EGWO	6506,763287	2780,149345		M56b	22373M56b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6907,408806	3096,19345		58	M	22373M56b	STWO	6907,408806	3961,931571		M56b	22373M56b	STWO	42	43	1	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	12936,2161	3725,900429		122	M	22373M56c	STWO	12936,2161	5203,237532		M56c	22373M56c	STWO	40	42	2	9	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	9.35
49	6024,53705	3047,265604		43	M	22403M28c	STWO	6024,53705	3798,631299		M28c	22403M28c	STWO	39	37	-2	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
48	6483,9221	3208,764495		62	M	22403M29a	STWO	6483,9221	3903,528943		M29a	22403M29a	STWO	41	40	-1	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
	4793,734513	3310,91205		2	M	22403M29b	EGWO	4793,734513	2413,535936		M29b	22403M29b	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	6938,246353	3184,045002		183	M	22403M29b	STWO	6938,246353	3888,256021		M29b	22403M29b	STWO	41	39	-2	8	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	9.35
47	6282,265497	3200,733651		36	M	22403M29c	STWO	6282,265497	3857,204184		M29c	22403M29c	STWO	40	39	-1	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	6679,336545	3337,237106		87	M	22403M30b	STWO	6679,336545	3967,10273		M30b	22403M30b	STWO	39	40	1	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
41	4370,651621	2578,406926		54	F	22489F89a	EGWO	4370,651621	2491,185093		F89a	22489F89a	EGWO	31	43	12	10	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	9.35
47	6556,664125	3489,643624		70	E	22500E75b	STWO	6556,664125	3953,574865		E75b	22500E75b	STWO	39	40	1	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	7565,579889	3799,834547		60	E	22519E16a	STWO	7565,579889	4393,797649		E16a	22519E16a	STWO	40	40	0	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
27	5324,347665	3869,309564		162	K	22543K90a	STWO	5324,347665	3723,974283		K90a	22543K90a	STWO	32	29	-3	-5	24.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-3.7	-6.25
43	4721,702694	2711,002056		12	N	22586N70a	EGWO	4721,702694	2608,017438		N70a	22586N70a	EGWO	38	45	7	5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
6	3859,398111	3903,317437		65	N	22586N70a	STWO	3859,398111	3467,436996		N70a	22586N70a	STWO	7	10	3	-1	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
49	7669,690574	2735,079821		242	K	22608K46b	STWO	7669,690574	4056,994411		K46b	22608K46b	STWO	49	48	-1	0	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	1.55
47	6251,721045	3133,255457		19	M	22616M31a	STWO	6251,721045	3756,837749		M31a	22616M31a	STWO	39	40	1	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
44	4882,087311	2738,505994		15	N	22624N70a	EGWO	4882,087311	2620,615541		N70a	22624N70a	EGWO	41	46	5	3	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
6	4170,711668	4083,503053		80	N	22624N70a	STWO	4170,711668	3553,488146		N70a	22624N70a	STWO	9	15	6	-3	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-2.35
45	8366,666667	4841,69189		1	A	22632A06g	EGWO	8366,666667	3750,790133		A06g	22632A06g	EGWO	49	49	0	-4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
40	7971,870849	4383,811959		79	A	22632A06g	STWO	7971,870849	4326,084794		A06g	22632A06g	STWO	45	46	1	-5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
49	8047,16102	3605,702165		58	A	22632A06h	STWO	8047,16102	4160,191814		A06h	22632A06h	STWO	48	48	0	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
30	4701,595248	3092,939174		92	F	22640F87d	STWO	4701,595248	3544,548365		F87d	22640F87d	STWO	20	23	3	10	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
45	7087,127591	3857,071153		81	E	22659E19c	STWO	7087,127591	4276,425818		E19c	22659E19c	STWO	40	39	-1	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
30	4138,439172	2867,925156		120	K	22667K90a	STWO	4138,439172	3282,437668		K90a	22667K90a	STWO	27	25	-2	3	29.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	1.55

49	6437,900853	3179,396712	[redacted]	49	M	22675M56c	STWO	6437,900853	3889,492861	[redacted]	M56c	22675M56c	STWO	38	38	0	11	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	7035,037192	2965,690887		15	M	22683M55h	EGWO	7035,037192	2967,387826		M55h	22683M55h	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
46	5905,376404	3180,321831		84	E	22691E38c	STWO	5905,376404	3909,843412		E38c	22691E38c	STWO	34	33	-1	12	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	13.25
7	4294,547514	4043,937265		107	F	22705F76a	STWO	4294,547514	3619,597955		F76a	22705F76a	STWO	8	16	8	-1	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	7.3	-2.35
47	4891,459227	2599,266669		20	F	22713F86a	EGWO	4891,459227	2478,291342		F86a	22713F86a	EGWO	42	49	7	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
24	4966,101695	3627,697307		1	F	22713F86a	STWO	4966,101695	3269,149217		F86a	22713F86a	STWO	19	21	2	5	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
18	1720,709754			96	F	22748F89a	STWO	1720,709754			F89a	22748F89a	STWO	18	21	3	0	16	61,162.852		51.2	61,162.852		2.9	1.55
13	4577,870272	3976,77414		22	F	22756F89a	STWO	4577,870272	3628,782501		F89a	22756F89a	STWO	16	20	4	-3	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
27	4464,795501	3257,020024		31	F	22764F77a	EGWO	4464,795501	2932,096651		F77a	22764F77a	EGWO	24	34	10	3	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
5	3950,655329	4356,973418		67	F	22772F81e	STWO	3950,655329	3575,231059		F81e	22772F81e	STWO	8	8	0	-3	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
36	4339,818175	2802,066992		10	F	22799F76a	EGWO	4339,818175	2659,896859		F76a	22799F76a	EGWO	29	39	10	7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
7	3661,679408	3209,75		14	F	22810F81e	STWO	3661,679408	3561,062289		F81e	22810F81e	STWO	8	9	1	-1	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
48	6371,593856	3301,907867		65	E	22829E37g	STWO	6371,593856	4060,479248		E37g	22829E37g	STWO	36	36	0	12	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
16	3845,553974			138	F	22837F89d	STWO	3845,553974	4115,751269		F89d	22837F89d	STWO	11	15	4	5	16	61,162.852		151.6	61,162.852	4,711.837	2.9	5.45
44	6098,117533	3213,098004		175	E	22845E37c	STWO	6098,117533	3969,313279		E37c	22845E37c	STWO	35	35	0	9	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
49	6502,816644	2882,692978		185	E	22861E40b	STWO	6502,816644	3856,062925		E40b	22861E40b	STWO	41	41	0	8	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
21	6270,66213	3959,437843		6	F	22926F80b	EGWO	6270,66213			F80b	22926F80b	EGWO	24	33	9	-3	20.4	61,162.852	3,773.36	51.2	61,162.852		9.5	-2.35
32	6303,866329	4412,206667		4	F	22926F80c	EGWO	6303,866329	4579,281284		F80c	22926F80c	EGWO		36			33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
42	6775,8526	3904,709678		143	K	22934K25c	STWO	6775,8526	4088,812593		K25c	22934K25c	STWO	39	39	0	3	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
49	8438,944411	3546,302838		40	K	22934K26a	EGWO	8309,509486	3686,363777		K26a	22934K26a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6736,374521	3323,650238		84	K	22934K26a	STWO	6736,374521	4014,024036		K26a	22934K26a	STWO	40	40	0	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
44	7157,292212	4307,661431		116	K	22934K26b	STWO	7157,292212	4183,243685		K26b	22934K26b	STWO	41	40	-1	3	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	1.55
49	7033,956772	3465,640262		76	K	22934K26c	STWO	7033,956772	4116,53928		K26c	22934K26c	STWO	42	41	-1	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	7452,017439	3580,602622		23	E	22942E14f	STWO	7452,017439	4261,797719		E14f	22942E14f	STWO	43	43	0	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	6374,141404	2712,070084		166	E	22969E40b	STWO	6339,302162	3796,084926		E40b	22969E40b	STWO	40	40	0	9	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
49	8534,792733	3865,82534		7	A	22985A07h	EGWO	8534,792733	4014,213295		A07h	22985A07h	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7575,306939	3668,022068		32	A	22985A07h	STWO	7575,306939	4192,419065		A07h	22985A07h	STWO	45	45	0	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
34	5499,531469	3649,705731		5	N	22993N65b	EGWO	5499,531469	3483,187709		N65b	22993N65b	EGWO	27	37	10	7	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
23	4539,2359	3480,563468		332	F	23000F87d	STWO	4539,2359	3564,390334		F87d	23000F87d	STWO	19	21	2	4	24.8	61,162.852	3,773.36	352.4	61,162.852	4,711.837	2.9	5.45
49	6546,752355	2836,206722		154	K	23019K52b	STWO	6546,752355	3795,638991		K52b	23019K52b	STWO	43	42	-1	6	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
49	6608,655692	2869,312821		104	K	23019K52c	STWO	6608,655692	3820,768505		K52c	23019K52c	STWO	43	42	-1	6	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
43	6760,869565	3440,7316		2	A	23035A06l	EGWO	6760,869565	3246,829432		A06l	23035A06l	EGWO	49	49	0	-6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
44	7481,051941	3924,130154		30	A	23035A06l	STWO	7481,051941	4265,827355		A06l	23035A06l	STWO	43	43	0	1	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
47	6857,856942	3526,68368		226	M	23043M31a	STWO	6857,856942	4044,849143		M31a	23043M31a	STWO	39	40	1	8	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	9.35
46	6575,076133	3547,034929		59	E	23051E42a	STWO	6575,076133	4083,405981		E42a	23051E42a	STWO	38	38	0	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	7211,051171	3689,989722		32	E	23051E42b	STWO	7211,051171	4217,117445		E42b	23051E42b	STWO	41	41	0	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	6547,752794	3291,134678		57	E	23078E42b	STWO	6547,752794	3972,380956		E42b	23078E42b	STWO	39	39	0	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
44	4672,01076	2432,010714		14	N	23108N60a	EGWO	4672,01076	2464,235849		N60a	23108N60a	EGWO	37	42	5	7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
42	6518,610616	3596,63071		122	M	23159M32a	STWO	6518,610616	3976,5277		M32a	23159M32a	STWO	39	39	0	3	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
38	5436,986875	3291,534167		12	N	23175N60a	STWO	5436,986875	3725,918965		N60a	23175N60a	STWO	28	30	2	10	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
32	4769,23152	3247,481748		28	N	23183N65c	EGWO	4769,23152	3082,616829		N65c	23183N65c	EGWO	29	35	6	3	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
18	4847,507625	3547,676171		52	N	23183N65c	STWO	4847,507625	3927,670424		N65c	23183N65c	STWO	18	19	1	0	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
33	6426,58496	4312,672473		11	A	23191A01e	STWO	6426,58496	3939,106408		A01e	23191A01e	STWO	40	39	-1	-7	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
38	7051,068346	4433,129756		5	A	23205A08a	STWO	7051,068346	4161,920476		A08a	23205A08a	STWO	43	41	-2	-5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
23	3558,779348	3005,257937		22	F	23221F81e	EGWO	3558,779348	2626,191361		F81e	23221F81e	EGWO	23	30	7	0	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
49	7682,856312	3902,555035		30	K	23248K48b	STWO	7682,856312	4447,786085		K48b	23248K48b	STWO	44	42	-2	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
47	7095,229885	3768,597527		29	K	23248K48c	STWO	7095,229885	4337,387516		K48c	23248K48c	STWO	41	39	-2	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	7011,097778	3400,987557		166	E	23264E41a	STWO	7011,097778	4150,126069		E41a	23264E41a	STWO	41	41	0	8	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
47	6820,88158	3620,444905		135	E	23264E42a	STWO	6820,88158	4177,081058		E42a	23264E42a	STWO	39	39	0	8	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
49	6752,405945	3401,578595		207	E	23264E42b	STWO	6752,405945	4038,057298		E42b	23264E42b	STWO	40	40	0	9	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	9.35
49	6465,014798	3201,746132		49	M	23272M56c	STWO	6465,014798	3904,807384		M56c	23272M56c	STWO	38	38	0	11	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	7297,23982	3472,452759		119	M	23280M27b	STWO	7297,23982	4131,588322		M27b	23280M27b	STWO	44	43	-1	5	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
33	4638,580931	2491,797264		11	F	23299F81e	EGWO	4638,580931	2334,493861		F81e	23299F81e	EGWO	33	40	7	0	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
7	4644,067797	3191,560618		1	F	23299F81e	STWO	4644,067797	3560,85186		F81e	23299F81e	STWO	8	9	1	-1	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	6006,458227	2919,028586		11	E	23329E38c	STWO	6006,458227	3813,268649		E38c	23329E38c	STWO	36	37	1	13	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
49	7205,279102	2693,524121		12	M	23388M56c	EGWO	7205,279102	2792,187919		M56c	23388M56c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6501,42126	2646,233868		67	M	23388M56c	STWO	6501,42126	3709,243572		M56c	23388M56c	STWO	41	38	-3	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	9.35
49	6303,970171	2680,382653		16	M	23396M56c	STWO	6303,970171	3696,430701		M56c	23396M56c	STWO	40	38	-2	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
48	6872,033979	3605,915408		42	M	23418M30a	STWO	6872,033979	4166,506429		M30a	23418M30a	STWO	39	39	0	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
28	3673,293913	3418,489271		297	F	23426F86b	STWO	3673,293913	3419,79711		F86b	23426F86b	STWO	16	21	5	12	29.2	61,162.852	3,773.36	252	61,162.852	4,711.837	5.1	13.25
48	4504,913239	2353,856884		23	N	23434N68d	EGWO	4504,913239	2343,733877		N68d	23434N68d	EGWO	41	48	7	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
46	4866,026189	2558,55408		13	N	23434N68e	EGWO	4866,026189	2465,734262		N68e	23434N68e	EGWO	44	49	5	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
11	3882,069525	3954,804276		49	N	23434N68e	STWO	3882,069525	3494,910137		N68e	23434N68e	STWO	10	10	0	1	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
36	7215,485038	4556,858979		212	A	23450A06d	STWO	7215,485038	4189,164871		A06d	23450A06d	STWO	42	42	0	-6	38	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	-6.25
33	7297,513588	4667,392515		135	A	23450A06e	STWO	7297,513588	4214,76079		A06e	23450A06e	STWO	41	41	0	-8	33.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-6.25
26	6392,239378	5598,069793		14	A	23469A06d	STWO	6392,239378	4223,574783		A06d	23469A06d	STWO	39	34	-5	-13	24.8	61,162.852	7,085.2	51.2	61,162.852	4,711.837	-5.9	-14.05
27	6800,615046	4982,935741		263	A	23477A06d	STWO	6800,615046	4297,378227		A06d	23477A06d	STWO	36	37	1	-9	24.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	-10.15
	5201,944652	2957,4806		1	A	23477A06e	EGWO	5201,944652			A06e	23477A06e	EGWO						61,162.852	3,773.36	51.2	61,162.852			
24	7545,820363	5654,251676		217	A	23477A06e	STWO	7545,820363	4570,192584		A06e	23477A06e	STWO	36	36	0	-12	24.8	61,162.852	7,085.2	252	61,162.852	4,711.837	0.7	-10.15
34	6642,967538	4372,941345		89	A	23477A06f	STWO	6642,967538	4008,075619		A06f	23477A06f	STWO	39	40	1	-5	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
34	6978,772793	4608,531537		88	A	23477A06i	STWO	6978,772793	4153,722739		A06i	23477A06i	STWO	40	41	1	-6	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
39	6908,452104	4249,016848		81	A	23477A06j	STWO	6908,452104	4055,100123		A06j	23477A06j	STWO	41	41	0	-2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
32	6781,203865	4550,921109		45	A	23477A07b	STWO	6781,203865	4090,912242		A07b	23477A07b	STWO	39	39	0	-7	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
49	6755,368101	3051,756915		27	E	23485E43a	STWO	6755,368101	3916,388866		E43a	23485E43a	STWO	42	42	0	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	4745,776984	2433,766843		32	K	23493K90d	EGWO	4745,776984	2554,287654		K90d	23493K90d	EGWO	43	47	4	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
40	5238,575729	3024,364524		5	K	23493K90d	STWO	5238,575729	3557,200578		K90d	23493K90d	STWO	30	32	2	10	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
33	5549,297171	3712,901565		24	N	23515N65b	EGWO	5549,297171	3675,806858		N65b	23515N65b	EGWO	26	33	7	7	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
33	7076,635994	4740,134618		5	A	23523A01b	STWO	7076,635994	4171,573502		A01b	23523A01b	STWO	42	41	-1	-9	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
28	6489,953098	4935,24865		12	A	23523A01c	STWO	6489,953098	4037,639889		A01c	23523A01c	STWO	39	38	-1	-11	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
32	4469,246655	3048,330388		28	F	23531F89b	EGWO	4469,246655	2785,019973		F89b	23531F89b	EGWO	29	38	9	3	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
12	3910,002507	3468,137851		155	F	23582F81c	STWO	3910,002507	3140,006701		F81c	23582F81c	STWO	14	17	3	-2	11.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	-2.35
40	5147,363024	2920,406481		17	M	23612M32b	STWO	5147,363024	3510,725207		M32b	23612M32b	STWO	32	31	-1	8	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
41	4323,161017	2440,323383		6	F	23639F76a	EGWO	4323,161017	2368,237962		F76a	23639F76a	EGWO	33	45	12	8	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	9.35

43	6040,576168	3787,489775	[redacted]	68	M	23663M28a	STWO	6040,576168	3875,107388	[redacted]	M28a	23663M28a	STWO	40	35	-5	3	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-5.9	1.55
	5725,606394	2550,1158		3	M	23663M28b	STWO	5725,606394	3452,592656		M28b	23663M28b	STWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
48	6436,261935	3240,526358		70	M	23663M29a	STWO	6436,261935	3839,367528		M29a	23663M29a	STWO	43	40	-3	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	5.45
49	7248,935432	3542,554979		133	K	23698K26b	STWO	7248,935432	4176,323143		K26b	23698K26b	STWO	43	42	-1	6	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
40	5548,533942	4248,934481		82	M	23701M56c	STWO	5548,533942	3864,261251		M56c	23701M56c	STWO	31	33	2	9	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
49	6767,243309	3601,285617		20	M	23728M55h	EGWO	6767,243309	3363,626525		M55h	23728M55h	EGWO	46	49	3	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
34	4975,721154	3317,606461		4	N	23736N62a	EGWO	4975,721154	3220,999726		N62a	23736N62a	EGWO	32	37	5	2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
26	5148,774343	3199,374012		38	N	23736N62a	STWO	5148,774343	3696,583433		N62a	23736N62a	STWO	25	28	3	1	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
29	4017,004908	2857,847408		20	F	23744F83a	EGWO	4017,004908	2510,705015		F83a	23744F83a	EGWO	28	37	9	1	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
13	3484,016804	3147,062886		258	F	23752F81b	STWO	3484,016804	3112,075792		F81b	23752F81b	STWO	8	10	2	5	11.6	61,162.852	3,773.36	252	61,162.852	4,711.837	2.9	5.45
43	6044,441644	3494,892262		43	K	23760K53b	STWO	6044,441644	3810,438731		K53b	23760K53b	STWO	39	39	0	4	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
43	6358,943292	3593,670471		75	K	23779K53b	STWO	6358,943292	3847,246058		K53b	23779K53b	STWO	38	39	1	5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	7796,554277	3537,882132		43	N	23809N64c	EGWO	7796,554277	3433,148294		N64c	23809N64c	EGWO	45	49	4	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
39	5645,942029	3421,829242		5	N	23817N61a	STWO	5645,942029	3929,704443		N61a	23817N61a	STWO	31	30	-1	8	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
44	5470,568241	3112,11426		9	N	23817N61b	EGWO	5401,398478	2764,206507		N61b	23817N61b	EGWO	41	49	8	3	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
34	5013,68763	3296,77431		187	N	23817N61b	STWO	5013,68763	3668,646685		N61b	23817N61b	STWO	26	26	0	8	33.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
39	4498,538079	2754,456065		7	N	23817N61c	STWO	4498,538079	3406,43281		N61c	23817N61c	STWO	26	25	-1	13	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	13.25
43	4381,112278	2482,88		5	N	23817N72a	EGWO	4381,112278	2355,278385		N72a	23817N72a	EGWO	38	46	8	5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
43	4264,388513	2607,708165		25	N	23817N72a	STWO	4264,388513	3290,113758		N72a	23817N72a	STWO	20	23	3	23	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	21.05
39	4263,141274	2502,068187		4	N	23876N60a	EGWO	4263,141274	2470,592202		N60a	23876N60a	EGWO	32	37	5	7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
37	4735,531635	2658,747149		3	N	23876N60a	STWO	4735,531635	3377,213375		N60a	23876N60a	STWO	27	30	3	10	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
44	4047,420054	2280,494		5	F	23892F77d	EGWO	4047,420054	2247,191767		F77d	23892F77d	EGWO	35	44	9	9	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
16	4219,706233	3574,862421		40	F	23892F77d	STWO	4219,706233	3350,788093		F77d	23892F77d	STWO	15	20	5	1	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
24	5502,544737	3399,036895		3	N	23922N66b	EGWO	5502,544737	3288,032788		N66b	23922N66b	EGWO		36			24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
33	4567,982456	3079,186667		12	N	23930N65c	EGWO	4567,982456	2944,194672		N65c	23930N65c	EGWO	26	36	10	7	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
49	10929,01538	2551,578614		7	K	23949K49d	EGWO	10929,01538	3506,036734		K49d	23949K49d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7109,859189	2500,387894		11	K	23949K49d	STWO	7109,859189	3844,199112		K49d	23949K49d	STWO	48	47	-1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
42	5843,806357	3285,21829		103	M	23957M32a	STWO	5843,806357	3842,218838		M32a	23957M32a	STWO	34	34	0	8	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
40	6367,918511	4112,046468		45	M	23965M56c	STWO	6367,918511	4028,058606		M56c	23965M56c	STWO	34	37	3	6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
13	4785,714286	3351,29		1	F	23973F78a	STWO	4785,714286	3845,527523		F78a	23973F78a	STWO	16	16	0	-3	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
32	4318,408771	2785,836694		72	K	24007K91b	STWO	4318,408771	3008,435572		K91b	24007K91b	STWO	32	31	-1	0	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	6182,827295	2616,16004		35	E	24015E41b	STWO	6182,827295	3699,860235		E41b	24015E41b	STWO	40	40	0	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	6557,079762	3334,416409		39	E	24015E42a	STWO	6557,079762	4004,993053		E42a	24015E42a	STWO	39	39	0	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	6713,584409	3355,120981		18	E	24015E42c	STWO	6713,584409	3992,064634		E42c	24015E42c	STWO	38	40	2	11	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
49	6985,112691	3424,369505		146	E	24023E38d	STWO	6985,112691	4125,603184		E38d	24023E38d	STWO	41	41	0	8	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
49	6485,436732	3273,441563		153	E	24023E41b	STWO	6485,436732	4053,644241		E41b	24023E41b	STWO	38	37	-1	11	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	9.35
21	5179,933505	4093,200812		18	K	24031K90c	STWO	5179,933505	3831,715584		K90c	24031K90c	STWO	30	26	-4	-9	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-10.15
33	3381,818182			1	N	24066N65b	EGWO	3381,818182			N65b	24066N65b	EGWO	28	36	8	5	33.6	61,162.852		51.2	61,162.852		7.3	5.45
31	4515,953102	3118,815005		8	N	24066N65b	STWO	4515,953102	3568,519967		N65b	24066N65b	STWO	19	20	1	12	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
32	5293,162007	3577,792386		21	N	24074N65b	EGWO	5293,162007	3489,64766		N65b	24074N65b	EGWO	26	34	8	6	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
41	4695,662581	2756,065446		12	N	24082N61c	STWO	4695,662581	3439,699316		N61c	24082N61c	STWO	28	27	-1	13	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	13.25
48	6056,71094	3159,112151		74	E	24090E38c	STWO	6056,71094	3940,363058		E38c	24090E38c	STWO	35	35	0	13	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
49	6560,613092	2645,360757		13	K	24120K52c	STWO	6560,613092	3727,688281		K52c	24120K52c	STWO	45	43	-2	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	6737,912622	2745,623588		98	K	24120K52d	STWO	6737,912622	3789,439673		K52d	24120K52d	STWO	42	44	2	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
49	6525,018779	3275,082218		129	K	24147K26c	STWO	6525,018779	3932,329687		K26c	24147K26c	STWO	42	39	-3	7	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-3.7	5.45
49	9860,6486	2429,126227		10	K	24155K49a	EGWO	9860,6486	3329,124134		K49a	24155K49a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
40	4309,681326	2594,823333		3	N	24163N71c	STWO	4309,681326	3315,314844		N71c	24163N71c	STWO	26	33	7	14	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	13.25
33	4417,644952	2965,756453		11	N	24171N65b	EGWO	4417,644952	2788,761915		N65b	24171N65b	EGWO	28	37	9	5	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
28	4061,18145	2893,693181		30	N	24198N65a	EGWO	4061,18145	2605,945349		N65a	24198N65a	EGWO	23	35	12	5	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
34	4796,853321	3192,681992		192	N	24198N65b	EGWO	4796,853321	3028,291951		N65b	24198N65b	EGWO	29	37	8	5	33.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	7.3	5.45
39	5236,652791	3159,035058		38	N	24228N61b	STWO	5236,652791	3710,937503		N61b	24228N61b	STWO	27	28	1	12	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
37	4002,458022	2511,231112		18	F	24236F78b	EGWO	4002,458022	2394,397242		F78b	24236F78b	EGWO	34	40	6	3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
49	10458,49138	2394,44535		4	K	24244K49d	EGWO	10458,49138	3418,449905		K49d	24244K49d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7505,893591	2557,694433		22	K	24244K49d	STWO	7505,893591	3916,35599		K49d	24244K49d	STWO	49	48	-1	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	7377,421103	2561,711643		91	K	24244K49e	STWO	7377,421103	3907,406007		K49e	24244K49e	STWO	49	48	-1	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	7665,912401	2998,283672		83	K	24244K49f	STWO	7665,912401	4068,150761		K49f	24244K49f	STWO	49	47	-2	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
44	6762,638988	3787,858643		8	N	24260N62b	EGWO	6762,638988	3834,638847		N62b	24260N62b	EGWO	36	43	7	8	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	9.35
32	3813,595172	2612,635341		46	F	24279F83a	EGWO	3813,595172	2391,849506		F83a	24279F83a	EGWO	28	37	9	4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
43	6966,328123	3956,503219		12	N	24287N73h	EGWO	6966,328123	3664,615418		N73h	24287N73h	EGWO	40	47	7	3	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
49	5572,739029	3148,385216		60	M	24309M55d	STWO	5572,739029	3876,780698		M55d	24309M55d	STWO	40	40	0	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
	6337,837838	2365,791134		1	M	24309M55e	EGWO	6337,837838	2605,415735		M55e	24309M55e	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	6990,468127	3167,590744		18	M	24309M55h	EGWO	6990,468127	2986,014213		M55h	24309M55h	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
46	6136,641447	2950,826538		15	M	24309M55h	STWO	6136,641447	3716,832819		M55h	24309M55h	STWO	36	39	3	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
49	6858,300259	3515,045916		8	M	24309M56a	EGWO	6858,300259	3087,59919		M56a	24309M56a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6747,827474	3186,914052		164	M	24309M56a	STWO	6747,827474	3928,79954		M56a	24309M56a	STWO	40	42	2	9	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	9.35
49	6590,252637	2575,67065		14	M	24309M56c	EGWO	6590,252637	2671,102561		M56c	24309M56c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
45	6141,621235	3065,446911		77	M	24309M56c	STWO	6141,621235	3698,952053		M56c	24309M56c	STWO	37	38	1	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
47	5928,158936	3452,640683		7	M	24309M57a	EGWO	5928,158936	2909,483939		M57a	24309M57a	EGWO	42	49	7	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
46	5564,969595	3005,893547		81	M	24309M57a	STWO	5564,969595	3714,275205		M57a	24309M57a	STWO	29	33	4	17	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	17.15
49	7059,208853	2630,511949		116	K	24333K49f	STWO	7059,208853	3825,542836		K49f	24333K49f	STWO	48	46	-2	1	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	1.55
28	5114,14561	3994,866353		115	M	24341M31c	STWO	5096,995351	3685,748172		M31c	24341M31c	STWO	26	30	4	2	29.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	1.55
49	7344,580906	2534,963572		47	K	24392K49d	STWO	7344,580906	3894,034248		K49d	24392K49d	STWO	49	48	-1	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	7717,765419	2676,254802		113	K	24392K49e	STWO	7717,765419	3964,080254		K49e	24392K49e	STWO	49	49	0	0	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
49	7539,70123	2730,128532		101	K	24392K49f	STWO	7539,70123	3926,955195		K49f	24392K49f	STWO	49	47	-2	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	7255,371943	2583,273279		88	K	24414K49e	STWO	7255,371943	3887,321039		K49e	24414K49e	STWO	48	47	-1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	7043,215776	2782,245639		128	K	24414K49f	STWO	7043,215776	3855,60832		K49f	24414K49f	STWO	46	45	-1	3	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	1.55
42	7750	3932,906929		1	A	24422A05d	STWO	7750	4164,249727		A05d	24422A05d	STWO	42	43	1	0	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
29	4289,782135	3136,590909		22	N	24457N65c	EGWO	4289,782135	2953,200983		N65c	24457N65c	EGWO	25	33	8	4	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
48	7042,756262	3666,27226		77	K	24465K54d	STWO	7042,756262	4262,653229		K54d	24465K54d	STWO	40	39	-1	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
21	5093,046026	4060,33549		51	K	24473K90c	STWO	5093,046026	3743,135506		K90c	24473K90c	STWO	27	25	-2	-6	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
49	7049,004149	3075,102627		86	K	24546K52b	STWO	7049,004149	3968,810743		K52b	24546K52b	STWO	44	44	0	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
34	5015,426587	3596,32		9	N	24554N62a	EGWO	5015,426587	3624,92372		N62a	24554N62a	EGWO	32	37	5	2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
39	6047,488002	3661,244948		10	N	24554N62b	EGWO	6047,488002	3667,884909		N62b	24554N62b	EGWO	35	39	4	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45

48	7465,422897	4293,17919	[redacted]	21	A	24570A02d	STWO	7465,422897	4220,98256	[redacted]	A02d	24570A02d	STWO	45	47	2	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
25	6079,424851	4628,079045		21	A	24589A00c	STWO	6079,424851	3987,645533		A00c	24589A00c	STWO	34	33	-1	-9	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
40	6083,801704	3633,414282		185	E	24597E36a	STWO	6083,801704	3934,823709		E36a	24597E36a	STWO	36	35	-1	4	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
30	6734,375	4525,606942		1	A	24619A01d	EGWO	6734,375	3346,837891		A01d	24619A01d	EGWO	43	48	5	-13	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-14.05
33	6543,623188	3689,852045		3	A	24619A01d	STWO	6543,623188	3837,938549		A01d	24619A01d	STWO	42	41	-1	-9	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
36	6245,952856	4489,80069		32	M	24627M31b	STWO	6245,952856	4028,737424		M31b	24627M31b	STWO	34	34	0	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
38	6435,446432	3339,276117		7	M	24627M31c	STWO	6435,446432	3992,091875		M31c	24627M31c	STWO	35	35	0	3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
40	6372,414507	3716,466856		106	M	24627M32a	STWO	6372,414507	4062,885071		M32a	24627M32a	STWO	35	35	0	5	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
35	5813,267903	4366,436876		101	M	24627M32b	STWO	5813,267903	3841,126661		M32b	24627M32b	STWO	31	31	0	4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
	4292,45283	3812,2394		1	M	24627M56h	EGWO	4292,45283	2481,137119		M56h	24627M56h	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
40	6099,069494	3628,721617		15	N	24635N62b	EGWO	6099,069494	3481,617341		N62b	24635N62b	EGWO	36	42	6	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
42	6003,052278	3451,503937		25	N	24643N62b	EGWO	6003,052278	3292,586527		N62b	24643N62b	EGWO	36	42	6	6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
30	6312,377451	3888,905085		2	A	24651A00c	STWO	6312,377451	3809,902356		A00c	24651A00c	STWO	39	38	-1	-9	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
35	6758,619932	4407,415045		26	A	24678A00c	STWO	6758,619932	4133,346655		A00c	24678A00c	STWO	39	38	-1	-4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
36	6482,23	4125,073531		48	A	24686A04d	STWO	6482,23	4039,372915		A04d	24686A04d	STWO	35	37	2	1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
33	6623,188406	4447,857523		48	K	24694K52g	STWO	6623,188406	4151,890181		K52g	24694K52g	STWO	36	37	1	-3	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	7675,616054	2689,763147		26	K	24708K47a	STWO	7675,616054	4038,386456		K47a	24708K47a	STWO		48			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
29	3602,797203	3215,978182		22	N	24716N65c	EGWO	3602,797203	2876,37743		N65c	24716N65c	EGWO	25	33	8	4	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
36	5595,607305	3596,015846		10	N	24732N60a	STWO	5595,607305	3692,979446		N60a	24732N60a	STWO	32	34	2	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
39	3659,572843	3143,761975		25	N	24732N60b	STWO	3659,572843	3648,212348		N60b	24732N60b	STWO	29	30	1	10	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
43	5307,692308			1	N	24740N60b	EGWO	5307,692308			N60b	24740N60b	EGWO	38	45	7	5	42.4	61,162.852		51.2	61,162.852		7.3	5.45
33	5940	3167,7398		1	A	24759A01d	STWO	5940	3652,456292		A01d	24759A01d	STWO	42	41	-1	-9	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
33	5058,471575	3318,215693		25	N	24767N60a	STWO	5058,471575	3708,047728		N60a	24767N60a	STWO	23	25	2	10	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
40	5447,290234	3255,119257		18	N	24767N60b	STWO	5447,290234	3699,264637		N60b	24767N60b	STWO	28	32	4	12	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	13.25
38	6897,509579			2	A	24791A05c	EGWO	6897,509579			A05c	24791A05c	EGWO	43	49	6	-5	38	61,162.852		51.2	61,162.852		5.1	-6.25
39	6819,047619	3171,339635		1	A	24791A05c	STWO	6819,047619	3765,53548		A05c	24791A05c	STWO	42	41	-1	-3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
49	12840,2951	3129,773974		17	K	24805K49b	EGWO	12840,2951	4070,535937		K49b	24805K49b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6435,897436	3300,7783		1	M	24821M56a	EGWO	6435,897436	2761,801684		M56a	24821M56a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6579,059804	2970,811823		49	M	24821M56a	STWO	6579,059804	3877,293742		M56a	24821M56a	STWO	40	41	1	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	6753,886943	2988,978122		2	M	24821M56b	EGWO	6753,886943	2789,224142		M56b	24821M56b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6870,093173	2741,861271		99	M	24821M56b	STWO	6870,093173	3806,52459		M56b	24821M56b	STWO	42	44	2	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
44	6933,040936	4088,1927		3	A	24864A04i	EGWO	6933,040936	3135,050157		A04i	24864A04i	EGWO	48	49	1	-4	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
38	6716,278795	4217,085183		22	A	24864A04i	STWO	6716,278795	4068,804251		A04i	24864A04i	STWO	39	39	0	-1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
38	7196,4662	4452,214004		20	A	24902A01h	STWO	7196,4662	4164,407193		A01h	24902A01h	STWO	43	40	-3	-5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-6.25
36	7557,974359	4828,857		5	A	24902A03f	STWO	7557,974359	4345,001717		A03f	24902A03f	STWO	42	43	1	-6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
49	9789,480574	2624,301483		6	K	24910K49f	EGWO	9789,480574	3333,056823		K49f	24910K49f	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7254,103697	2674,299045		16	K	24910K49f	STWO	7254,103697	3922,569826		K49f	24910K49f	STWO	48	46	-2	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	8133,711012	3411,753691		3	K	24929K47a	STWO	8133,711012			K47a	24929K47a	STWO		48			46.8	61,162.852	3,773.36	51.2	61,162.852			
40	5104,935841	3009,119157		17	N	24945N61b	STWO	5104,935841	3594,12131		N61b	24945N61b	STWO	29	25	-4	11	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	9.35
49	9936,461048	3293,598394		3	K	24961K49a	EGWO	9936,461048			K49a	24961K49a	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852			
5	3591,531188	3928,611741		66	N	24996N68f	STWO	3591,531188	3438,945529		N68f	24996N68f	STWO	6	7	1	-1	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	5150,423284	2525,409472		12	N	25003N61b	EGWO	5150,423284	2599,271867		N61b	25003N61b	EGWO	43	49	6	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
35	4335,229187	2814,465852		95	N	25003N61b	STWO	4335,229187	3398,25907		N61b	25003N61b	STWO	24	25	1	11	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
28	4981,957641	3536,178804		440	F	25011F86d	STWO	4981,957641	3593,156799		F86d	25011F86d	STWO	22	27	5	6	29.2	61,162.852	3,773.36	452.8	61,162.852	4,711.837	5.1	5.45
41	6788,18227	3817,67944		5	A	25046A00d	STWO	6788,18227	3818,7766		A00d	25046A00d	STWO	43	42	-1	-2	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
49	6696,166238	3149,763106		139	E	25062E14a	STWO	6676,171533	3900,269884		E14a	25062E14a	STWO	41	42	1	8	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
	5792,134831			1	E	25062E16a	EGWO	5792,134831			E16a	25062E16a	EGWO						61,162.852		51.2	61,162.852			
49	6530,237913	3176,958898		158	E	25062E16a	STWO	6530,237913	3940,46934		E16a	25062E16a	STWO	39	41	2	10	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	9.35
49	7053,727833	3195,8769		119	E	25062E16b	STWO	7053,727833	4054,211431		E16b	25062E16b	STWO	41	42	1	8	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
49	6861,781327	3116,923323		291	E	25062E17a	STWO	6856,164877	4034,887489		E17a	25062E17a	STWO	43	43	0	6	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	5.45
49	7127,530204	3654,413262		53	E	25062E19a	STWO	7110,353719	4063,754084		E19a	25062E19a	STWO	43	43	0	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	8047,385639	3222,827767		102	E	25062E20a	STWO	8047,385639	4237,910514		E20a	25062E20a	STWO	48	47	-1	1	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	1.55
49	4941,384681	2398,619926		23	K	25089K91c	EGWO	4941,384681	2485,056388		K91c	25089K91c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
29	4844,335958	3439,922266		162	K	25097K91b	STWO	4844,335958	3474,74472		K91b	25097K91b	STWO	30	28	-2	-1	29.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	-2.35
49	5521,065619	2418,982476		35	K	25100K90c	EGWO	5521,065619	2582,536574		K90c	25100K90c	EGWO	48	49	1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
33	5320,426899	3567,0295		11	N	25127N65b	EGWO	5320,426899	3528,122842		N65b	25127N65b	EGWO	24	34	10	9	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
33	5518,714427	3688,676769		42	N	25135N65b	EGWO	5518,714427	3593,391156		N65b	25135N65b	EGWO	27	35	8	6	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
49	7231,745991	3511,456275		85	E	25143E43a	STWO	7231,745991	4178,093818		E43a	25143E43a	STWO	42	42	0	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
32	6446,87721	4454,032839		24	A	25151A00d	STWO	6446,87721	3958,035063		A00d	25151A00d	STWO	43	39	-4	-11	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-10.15
49	6215,384615	2360,7769		1	M	25178M56b	EGWO	6215,384615	2511,659332		M56b	25178M56b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6651,927885	2747,91956		93	M	25178M56b	STWO	6651,927885	3781,823799		M56b	25178M56b	STWO	42	43	1	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
32	5847,966885	3878,69237		146	M	25186M32a	STWO	5847,966885	3910,579049		M32a	25186M32a	STWO	32	32	0	0	33.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
31	4580,269028	3134,700667		26	N	25194N62a	EGWO	4580,269028	2989,921029		N62a	25194N62a	EGWO	30	35	5	1	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
49	7013,654703	3335,513374		111	E	25208E43a	STWO	7013,654703	4069,713184		E43a	25208E43a	STWO	42	42	0	7	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
31	4817,877524	3299,47527		8	F	25216F76a	EGWO	4817,877524	3046,486811		F76a	25216F76a	EGWO	27	36	9	4	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
14	3754,745922			173	F	25232F81c	STWO	3754,745922			F81c	25232F81c	STWO	14	17	3	0	16	61,162.852		151.6	61,162.852		2.9	1.55
47	7114,061958	3728,994235		52	E	25240E18b	STWO	7114,061958	4267,586438		E18b	25240E18b	STWO	40	40	0	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
33	5529,836636	3722,908822		69	E	25240E19b	STWO	5529,836636	3794,64258		E19b	25240E19b	STWO	30	32	2	3	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
49	7087,951733	2785,06214		48	E	25240E20c	STWO	7087,951733	3946,646705		E20c	25240E20c	STWO	45	45	0	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	7418,490535	3455,804353		19	K	25259K24e	STWO	7418,490535	4081,495559		K24e	25259K24e	STWO	45	44	-1	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
41	4362,569828	2517,045872		22	F	25275F85b	EGWO	4362,569828	2416,238794		F85b	25275F85b	EGWO	35	44	9	6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
49	10172,07792	2366,8252		1	K	25305K47a	EGWO	10172,07792			K47a	25305K47a	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852			
49	7926,81161	2997,470981		90	K	25305K47a	STWO	7926,81161	4188,945364		K47a	25305K47a	STWO		48			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	9850	2367,6386		4	K	25305K47e	EGWO	9850			K47e	25305K47e	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852			
49	7455,715813	2809,954515		35	K	25305K47e	STWO	7455,715813	3960,782811		K47e	25305K47e	STWO	45	46	1	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	7213,867961	2611,650765		127	K	25305K47f	STWO	7213,867961	4033,008531		K47f	25305K47f	STWO	48	48	0	1	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
35	4166,385311	2709,02995		15	F	25313F78a	EGWO	4166,385311	2500,047259		F78a	25313F78a	EGWO	34	40	6	1	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
18	3721,113031	2924,294808		78	F	25313F78a	STWO	3721,113031	2992,406864		F78a	25313F78a	STWO	18	20	2	0	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
49	8139,784946	3371,6339		1	A	25348A07f	EGWO	8139,784946			A07f	25348A07f	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852			
47	7310,35122	3865,066869		56	A	25348A07f	STWO	7310,35122	4075,741416		A07f	25348A07f	STWO	46	46	0	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7511,36991	3980,5342		2	A	25348A07h	EGWO	7511,36991	3069,94886		A07h	25348A07h	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
46	7476,186976	4052,074117		44	A	25348A07h	STWO	7476,186976	4091,220416		A07h	25348A07h	STWO	47	46	-1	-1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
49	6848,696047	4007,7771		3	A	25356A07f	EGWO	6848,696047	3230,833471		A07f	25356A07f	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		

46	7666,313642	4155,864246	[redacted]	9	A	25356A07f	STWO	7666,313642	4198,471896	[redacted]	A07f	25356A07f	STWO	45	45	0	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
48	7278,877515	3779,146933		32	A	25356A07h	STWO	7278,877515	4100,43577		A07h	25356A07h	STWO	44	45	1	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	6842,020237	2917,794839		123	K	25372K52b	STWO	6842,020237	3866,36419		K52b	25372K52b	STWO	43	43	0	6	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
33	5191,255717	3424,467796		54	K	25380K91c	STWO	5191,255717	3492,353415		K91c	25380K91c	STWO	33	32	-1	0	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
46	8677,083333	4835,37		2	N	25399N73h	EGWO	8677,083333	5076,600131		N73h	25399N73h	EGWO	43	49	6	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
13	3437,84036	3106,196716		75	F	25402F81a	STWO	3437,84036	3186,869775		F81a	25402F81a	STWO	9	13	4	4	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
32	8708,333333			1	A	25410A00a	EGWO	8708,333333			A00a	25410A00a	EGWO	43	49	6	-11	33.6	61,162.852		51.2	61,162.852		5.1	-10.15
32	6603,934861	4339,724941		11	A	25410A00a	STWO	6603,934861	4016,814635		A00a	25410A00a	STWO	37	37	0	-5	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
37	5651,866908	3498,430989		9	A	25429A04c	STWO	5651,866908	3739,901338		A04c	25429A04c	STWO	34	35	1	3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
	5637,931034	4013,3687		1	A	25429A04f	EGWO	5637,931034	2829,710675		A04f	25429A04f	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
42	7479,274721	4785,769602		18	A	25429A04f	STWO	7479,274721	4457,979333		A04f	25429A04f	STWO	39	40	1	3	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
45	5845,405056	3163,16279		234	N	25437N64c	EGWO	5845,405056	2964,255938		N64c	25437N64c	EGWO	40	48	8	5	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	7.3	5.45
45	4998,907973	2742,592181		23	N	25437N64c	STWO	4998,907973	3395,907699		N64c	25437N64c	STWO	30	32	2	15	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	13.25
47	6015,766513	3216,027712		101	N	25437N64d	EGWO	6015,766513	3005,414801		N64d	25437N64d	EGWO	40	49	9	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
49	5096,655746	2503,932871		13	N	25437N64d	STWO	5096,655746	3427,447862		N64d	25437N64d	STWO	33	31	-2	16	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	17.15
40	5056,987296	3034,774431		5	N	25437N72c	EGWO	5056,987296	2807,735716		N72c	25437N72c	EGWO	38	45	7	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
	4661,639198	2699,677994		3	N	25445N61d	EGWO	4488,211399	2244,169239		N61d	25445N61d	EGWO	41	49	8			61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	
47	5573,260982	2976,958847		7	N	25445N61d	STWO	5499,774091	3667,78477		N61d	25445N61d	STWO	27	34	7	20	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	21.05
48	6769,74359	3640		2	N	25445N64c	EGWO	6769,74359			N64c	25445N64c	EGWO	42	49	7	6	46.8	61,162.852		51.2	61,162.852		7.3	5.45
34	4798,122066	2438,373333		3	N	25453N62a	EGWO	4798,122066	2555,439191		N62a	25453N62a	EGWO	32	37	5	2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
42	6860,606061	3913,685147		3	N	25453N62b	EGWO	6860,606061	4148,364601		N62b	25453N62b	EGWO	36	42	6	6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
	4333,333333	2755,12		1	N	25453N62b	STWO	4333,333333	3367,525297		N62b	25453N62b	STWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
48	5009,690141	2660,961859		2	N	25453N64c	EGWO	5009,690141	2697,521119		N64c	25453N64c	EGWO	42	49	7	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
45	5239,130435	2689,49129		2	N	25453N64c	STWO	5239,130435	3496,426305		N64c	25453N64c	STWO	29	31	2	16	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	17.15
49	4938,806381	2446,015054		3	N	25453N64d	STWO	4938,806381	3358,656808		N64d	25453N64d	STWO	33	31	-2	16	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	17.15
32	6987,86186	4684,445791		83	A	25461A01b	STWO	6987,86186	4170,908384		A01b	25461A01b	STWO	40	39	-1	-8	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
28	6615,538076	4873,493529		75	A	25461A01c	STWO	6615,538076	4142,618908		A01c	25461A01c	STWO	38	37	-1	-10	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
30	6707,735865	4687,638982		17	A	25461A01e	STWO	6707,735865	4095,246328		A01e	25461A01e	STWO	40	39	-1	-10	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
49	5268,215858	2297,540322		29	K	25496K90d	EGWO	5268,215858	2416,089862		K90d	25496K90d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
42	7196,084416	4130,805962		84	A	25518A09i	STWO	7196,084416	4086,018273		A09i	25518A09i	STWO	40	42	2	2	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
30	6807,59842	4794,028524		20	A	25542A00c	STWO	6807,59842	4144,800097		A00c	25542A00c	STWO	40	40	0	-10	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-10.15
38	7238,315782	4737,419809		24	A	25542A04e	STWO	7238,315782	4285,663921		A04e	25542A04e	STWO	41	40	-1	-3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
34	5337,078652	2437		2	E	25550E37a	STWO	5337,078652	3486,509233		E37a	25550E37a	STWO	27	28	1	7	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
39	6489,946631	3948,863547		149	E	25569E37a	STWO	6489,946631	3902,658148		E37a	25569E37a	STWO	27	28	1	12	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	13.25
48	6797,414817	3513,942209		19	E	25569E37f	STWO	6797,414817	4215,917757		E37f	25569E37f	STWO	38	36	-2	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
38	4444,044564	2562,59268		37	N	25577N60c	EGWO	4444,044564	2466,903651		N60c	25577N60c	EGWO	38	44	6	0	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
32	4485,854985	2856,390141		67	N	25577N60c	STWO	4485,854985	3393,267651		N60c	25577N60c	STWO	21	24	3	11	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
31	5038,66512	3493,866792		107	K	25585K90d	STWO	5038,66512	3573,154817		K90d	25585K90d	STWO	30	29	-1	1	29.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	1.55
48	6176,125862	3215,934805		41	M	25615M55d	STWO	6176,125862	3847,098703		M55d	25615M55d	STWO	35	37	2	13	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	13.25
40	5374,126371	3300,494966		14	N	25631N63a	EGWO	5374,126371	3321,572091		N63a	25631N63a	EGWO	33	40	7	7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
49	8532,608696	4553,14		1	K	25658K91c	EGWO	8532,608696	4341,011318		K91c	25658K91c	EGWO	48	49	1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
34	5139,923	3297,953708		44	F	25712F84a	EGWO	5139,923	2963,61926		F84a	25712F84a	EGWO	33	41	8	1	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
33	4455,152148	3195,786008		14	F	25712F84b	EGWO	4455,152148	3039,162285		F84b	25712F84b	EGWO	33	43	10	0	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
49	9953,249557	4666,339941		5	A	25720A07e	EGWO	9953,249557	4058,973545		A07e	25720A07e	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
39	7206,829679	4458,322388		15	A	25720A07e	STWO	7206,829679	4165,393592		A07e	25720A07e	STWO	42	42	0	-3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
45	7710,60666	4681,394842		4	A	25747A06k	EGWO	7710,60666	3746,56474		A06k	25747A06k	EGWO	49	49	0	-4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
39	8110,978156	4971,856523		24	A	25747A06k	STWO	8110,978156	4446,538188		A06k	25747A06k	STWO	45	45	0	-6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
45	7344,410654	3932,006375		4	A	25763A06k	EGWO	7344,410654	3241,682593		A06k	25763A06k	EGWO	49	49	0	-4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
37	7930,89049	5053,573861		80	A	25763A06k	STWO	7930,89049	4450,826072		A06k	25763A06k	STWO	45	44	-1	-8	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
49	8804,877518	4095,457		11	A	25771A07e	EGWO	8804,877518	3658,450778		A07e	25771A07e	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
41	7240,295066	4031,754092		143	A	25771A07e	STWO	7240,295066	4102,958453		A07e	25771A07e	STWO	43	43	0	-2	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-2.35
44	6075,007615	4372,05511		2	N	25801N70b	EGWO	6075,007615	3465,106125		N70b	25801N70b	EGWO	38	46	8	6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
49	5718,572737	2501,571645		39	K	25836K90d	EGWO	5718,572737	2671,562968		K90d	25836K90d	EGWO	48	49	1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	5089,506856	2466,242802		22	F	25844F77b	EGWO	5089,506856	2421,924072		F77b	25844F77b	EGWO	45	49	4	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
13	4696,463319	4411,729221		120	F	25844F77b	STWO	4696,463319	3625,584914		F77b	25844F77b	STWO	15	19	4	-2	11.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	-2.35
	6829,256001	3712,628923		2	E	25887E13b	EGWO	6829,256001	3326,227682		E13b	25887E13b	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
25	5487,787033	4256,33606		303	E	25887E13b	STWO	5487,787033	3794,137149		E13b	25887E13b	STWO	34	32	-2	-9	24.8	61,162.852	3,773.36	352.4	61,162.852	4,711.837	-1.5	-10.15
43	8189,795046	4729,887928		162	A	25895A08a	STWO	8189,795046	4461,176391		A08a	25895A08a	STWO	46	46	0	-3	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-2.35
37	6937,062937	4280,0922		1	A	25895A08b	EGWO	6937,062937	3281,130797		A08b	25895A08b	EGWO					38	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
45	8221,745303	4532,158536		71	A	25895A08b	STWO	8221,745303	4418,004648		A08b	25895A08b	STWO	46	46	0	-1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
30	4614,61039	3176,714947		3	F	25909F88j	EGWO	4614,61039	3045,070758		F88j	25909F88j	EGWO	27	35	8	3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
38	6307,505446	3739,600019		27	A	25917A04i	STWO	6307,505446	3823,180032		A04i	25917A04i	STWO	39	37	-2	-1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
44	7102,255639	3970,770517		5	A	25925A04f	STWO	7102,255639	4130,616279		A04f	25925A04f	STWO	41	42	1	3	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
28	7892,754852	5310,331457		4	A	25941A06e	STWO	7892,754852	4528,812545		A06e	25941A06e	STWO	38	38	0	-10	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-10.15
	3106,796117			1	B	25976B10a	EGWO	3106,796117			B10a	25976B10a	EGWO						61,162.852		51.2	61,162.852			
	9007,345371	4073,330771		3	A	25984A04g	EGWO	9007,345371	3632,705802		A04g	25984A04g	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
42	7177,950969	4199,599121		122	A	25984A04g	STWO	7177,950969	4124,4712		A04g	25984A04g	STWO	42	43	1	0	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
44	7110,995997	3785,138512		4	A	25984A04i	EGWO	7110,995997	3359,329568		A04i	25984A04i	EGWO	48	49	1	-4	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
41	7762,790093	4603,026985		80	A	25984A04i	STWO	7762,790093	4294,826834		A04i	25984A04i	STWO	44	45	1	-3	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
40	5420			4	A	25984A08a	STWO	5420			A08a	25984A08a	STWO	43	44	1	-3	38	61,162.852		51.2	61,162.852		0.7	-2.35
37	6912,641163	4353,721637		60	A	25992A04h	STWO	6912,641163	4069,286856		A04h	25992A04h	STWO	40	41	1	-3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	7440,816719	3163,203239		8	A	26018A04d	EGWO	7440,816719	3101,724365		A04d	26018A04d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
36	6722,701844	4294,219398		36	A	26018A04d	STWO	6722,701844	3958,749636		A04d	26018A04d	STWO	38	40	2	-2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
49	7516,172603	3678,756622		10	A	26034A08a	EGWO	7516,172603	3111,930927		A08a	26034A08a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
39	7656,726375	4660,59653		334	A	26034A08a	STWO	7656,726375	4358,16651		A08a	26034A08a	STWO	42	43	1	-3	38	61,162.852	3,773.36	352.4	61,162.852	4,711.837	0.7	-2.35
49	6583,402053	3376,429344		10	A	26042A08a	EGWO	6583,402053	2892,846968		A08a	26042A08a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
35	6840,678301	4548,627411		262	A	26042A08a	STWO	6840,678301	4072,927664		A08a	26042A08a	STWO	39	40	1	-4	33.6	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	-2.35
42	7378,455352	4223,942801		34	A	26050A06c	EGWO	7378,455352	3391,742336		A06c	26050A06c	EGWO	49	49	0	-7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
41	7352,774997	4371,369634		221	A	26050A06c	STWO	7352,774997	4223,009222		A06c	26050A06c	STWO	42	42	0	-1	42.4	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	-2.35
37	7886,218613	5023,589819		10	A	26069A07e	STWO	7886,218613	4541,493203		A07e	26069A07e	STWO	43	42	-1	-6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
49	9144,634381	4528,592199		11	A	26077A07e	EGWO	9144,634381	3905,095066		A07e	26077A07e	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
39	7386,609536	4572,603578		118	A	26077A07e	STWO	7386,609536	4354,37466		A07e	26077A07e	STWO	42	42	0	-3	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-2.35
30	4677,402098	3284,820439		5	N	26085N65b	STWO	4677,402098	3673,655664		N65b	26085N65b	STWO	18	21	3	12	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	13.25

31	6775,483011	4678,026139	[redacted]	104	A	26093A01e	STWO	6775,483011	4098,934473	[redacted]	A01e	26093A01e	STWO	40	39	-1	-9	29.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	-10.15
38	5704,493018	3571,017372		152	A	26123A06j	STWO	5704,493018	3643,217709		A06j	26123A06j	STWO	37	37	0	1	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
48	7673,421124	3991,50791		7	A	26131A08a	EGWO	7673,421124	3261,41601		A08a	26131A08a	EGWO	49	49	0	-1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
44	8239,818179	4597,077253		279	A	26131A08a	STWO	8239,818179	4371,615234		A08a	26131A08a	STWO	46	47	1	-2	42.4	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	-2.35
49	7011,930907	2904,101737		10	A	26158A04d	EGWO	7011,930907	2907,4153		A04d	26158A04d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
35	6154,006924	3677,024103		4	A	26158A04d	STWO	6154,006924	3745,096857		A04d	26158A04d	STWO	39	40	1	-4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
30	6240	4667,6743		1	A	26174A01d	EGWO	6240	3493,46403		A01d	26174A01d	EGWO	43	48	5	-13	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-14.05
33	7567,567568	5643,0325		1	A	26174A01d	STWO	7567,567568	4687,399817		A01d	26174A01d	STWO	42	41	-1	-9	33.6	61,162.852	7,085.2	51.2	61,162.852	4,711.837	-1.5	-10.15
41	7542,315119	4445,838164		35	A	26182A03a	STWO	7542,315119	4316,287709		A03a	26182A03a	STWO	43	44	1	-2	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	8067,592593	4464,20075		2	A	26182A03c	EGWO	8067,592593	3681,395229		A03c	26182A03c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
46	7703,728506	4214,829736		19	A	26182A03c	STWO	7703,728506	4284,522594		A03c	26182A03c	STWO	44	45	1	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
42	7488,380821	4008,499464		61	A	26190A05d	STWO	7488,380821	4253,203485		A05d	26190A05d	STWO	46	44	-2	-4	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
28	7557,191349	5285,661743		9	A	26204A06e	STWO	7557,191349	4449,934338		A06e	26204A06e	STWO	39	39	0	-11	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-10.15
47	6879,67336	3802,3283		125	A	26212A04f	STWO	6879,67336	4059,338442		A04f	26212A04f	STWO	43	44	1	4	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
49	10618,42105	5295,329039		1	A	26239A07f	EGWO	10618,42105	4699,246858		A07f	26239A07f	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
47	7741,559681	4538,841284		3	A	26239A07f	STWO	7741,559681	4236,868792		A07f	26239A07f	STWO	45	45	0	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
39	6294,545932	3568,737489		5	A	26247A05c	STWO	6294,545932	3908,045453		A05c	26247A05c	STWO	37	38	1	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
	7625			1	A	26263A01c	EGWO	7625			A01c	26263A01c	EGWO	39					61,162.852		51.2	61,162.852			
33	6074,367309	3866,897516		60	A	26263A01c	STWO	6074,367309	3956,373517		A01c	26263A01c	STWO	37	35	-2	-4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
28	6865,844383	5226,911616		13	A	26271A01c	STWO	6865,844383	4225,829568		A01c	26271A01c	STWO	40	38	-2	-12	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
27	6718,802468	4956,728143		41	A	26271A01e	STWO	6718,802468	4172,100731		A01e	26271A01e	STWO	39	38	-1	-12	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
31	6708,839795	4579,767866		25	A	26298A01b	STWO	6708,839795	4057,857989		A01b	26298A01b	STWO	40	39	-1	-9	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
	5873,134328	4358,2279		1	A	26298A01c	EGWO	5873,134328	3123,114168		A01c	26298A01c	EGWO	39					61,162.852	3,773.36	51.2	61,162.852	4,711.837		
33	6840,308303	5096,471175		4	A	26298A01c	STWO	6840,308303	4299,178704		A01c	26298A01c	STWO	39	37	-2	-6	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
30	4828,571429			1	A	26298A01d	EGWO	4828,571429			A01d	26298A01d	EGWO	43	48	5	-13	29.2	61,162.852		51.2	61,162.852		5.1	-14.05
30	6871,604077	4758,263457		83	A	26298A01d	STWO	6858,15457	4169,93881		A01d	26298A01d	STWO	39	39	0	-9	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-10.15
29	6628,57609	4744,789665		30	A	26298A01e	STWO	6628,57609	3960,263373		A01e	26298A01e	STWO	39	38	-1	-10	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
35	7167,093497	4648,577376		92	A	26298A01f	STWO	7124,864257	4164,318765		A01f	26298A01f	STWO	43	42	-1	-8	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
	5785,714286	4181,7579		1	A	26298A01g	EGWO	5366,434379	2973,283927		A01g	26298A01g	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
32	6966,086178	4648,94345		53	A	26298A01g	STWO	6907,504502	4107,107373		A01g	26298A01g	STWO	42	41	-1	-10	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
37	5212,611123	3303,225834		19	N	26301N65b	EGWO	5212,611123	3073,780873		N65b	26301N65b	EGWO	32	41	9	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
37	6314,158312	3442,19763		10	A	26328A01e	STWO	6314,158312	3792,919214		A01e	26328A01e	STWO	41	40	-1	-4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
30	7190,76737	5067,56271		17	A	26336A00a	STWO	7190,76737	4266,6308		A00a	26336A00a	STWO	41	41	0	-11	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-10.15
34	6918,638896	4377,299214		10	A	26336A00c	EGWO	6918,638896	3723,37006		A00c	26336A00c	EGWO	44	49	5	-10	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-10.15
30	6705,94514	4791,803016		207	A	26336A00c	STWO	6705,94514	4112,334168		A00c	26336A00c	STWO	40	39	-1	-10	29.2	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	-10.15
36	6906,728822	4229,526338		4	A	26336A00e	EGWO	6906,728822	3411,33868		A00e	26336A00e	EGWO	44	49	5	-8	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-6.25
33	7009,798148	4735,788156		41	A	26336A00e	STWO	7009,798148	4163,283605		A00e	26336A00e	STWO	42	41	-1	-9	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
34	6494,375749	3956,298664		21	A	26344A00a	STWO	6494,375749	3878,864756		A00a	26344A00a	STWO	38	40	2	-4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
29	6126,272936	5628,824125		29	A	26352A00a	STWO	6126,272936	4607,054566		A00a	26352A00a	STWO	38	39	1	-9	29.2	61,162.852	7,085.2	51.2	61,162.852	4,711.837	0.7	-10.15
32	6094,054854	3951,769693		4	A	26360A00a	EGWO	6094,054854	2807,93743		A00a	26360A00a	EGWO	43	49	6	-11	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-10.15
29	6941,962446	4971,695645		39	A	26360A00a	STWO	6941,962446	4183,189967		A00a	26360A00a	STWO	40	40	0	-11	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-10.15
35	6204,942358	3977,502859		5	A	26360A00b	EGWO	6204,942358	3116,087681		A00b	26360A00b	EGWO	39	45	6	-4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-2.35
28	6215,919738	4650,792696		78	A	26360A00b	STWO	6215,919738	4014,808221		A00b	26360A00b	STWO	39	38	-1	-11	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
35	5397,424732	3554,464029		7	A	26360A00c	EGWO	5397,424732	2857,489928		A00c	26360A00c	EGWO	44	49	5	-9	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-10.15
29	6467,038186	4610,606851		190	A	26360A00c	STWO	6467,038186	4023,226805		A00c	26360A00c	STWO	38	38	0	-9	29.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-10.15
34	7182,881666	4504,185261		4	A	26360A00d	EGWO	7182,881666	3439,068141		A00d	26360A00d	EGWO	44	49	5	-10	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-10.15
35	7407,920423	4831,610853		67	A	26360A00d	STWO	7407,920423	4259,292027		A00d	26360A00d	STWO	43	43	0	-8	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
36	5498,823529	3309,205151		3	A	26360A00e	EGWO	5498,823529			A00e	26360A00e	EGWO	44	49	5	-8	38	61,162.852	3,773.36	51.2	61,162.852		5.1	-6.25
31	6738,637774	4669,333037		65	A	26360A00e	STWO	6738,637774	4068,777557		A00e	26360A00e	STWO	41	40	-1	-10	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
	5000	3272,8363		1	M	26417M29b	EGWO	5000			M29b	26417M29b	EGWO						61,162.852	3,773.36	51.2	61,162.852			
45	6685,592168	3681,843865		83	M	26417M29b	STWO	6685,592168	3989,210306		M29b	26417M29b	STWO	40	40	0	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
19	3910,819436	3158,971586		368	F	26425F81b	STWO	3910,819436	3136,113877		F81b	26425F81b	STWO	18	20	2	1	20.4	61,162.852	3,773.36	352.4	61,162.852	4,711.837	2.9	1.55
40	5594,46347	4287,428795		48	M	26441M56c	STWO	5594,46347	3881,74475		M56c	26441M56c	STWO	31	33	2	9	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
49	8007,452025	2926,756451		97	K	26468K46b	STWO	8007,452025	4149,924945		K46b	26468K46b	STWO	49	48	-1	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	6350,611688	2764,913105		12	K	26476K52g	EGWO	6350,611688	2923,948986		K52g	26476K52g	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	5042,538202	2375,235479		15	K	26484K90i	EGWO	5042,538202	2392,869525		K90i	26484K90i	EGWO	48	49	1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
33	5248,925987	3484,434941		152	K	26492K91b	STWO	5248,925987	3518,750842		K91b	26492K91b	STWO	33	30	-3	0	33.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-3.7	1.55
42	5874,487688	3256,825407		9	N	26506N60a	STWO	5874,487688	3755,403016		N60a	26506N60a	STWO	27	35	8	15	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	13.25
49	10473,10127	2364,6911		2	K	26549K48b	EGWO	10473,10127			K48b	26549K48b	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852			
49	8332,512669	4012,246694		68	K	26549K48b	STWO	8332,512669	4540,927508		K48b	26549K48b	STWO	48	45	-3	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	1.55
49	7609,987822	3776,012314		77	K	26549K48c	STWO	7609,987822	4373,531116		K48c	26549K48c	STWO	45	42	-3	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	5.45
49	11030,837	2873,6921		1	K	26565K48b	EGWO	11030,837	3834,365068		K48b	26565K48b	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	6547,826087	2569,092882		1	K	26565K48b	STWO	6547,826087	3690,716438		K48b	26565K48b	STWO	46	44	-2	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	6440,427999	2921,192588		16	K	26565K48f	STWO	6440,427999	3813,317622		K48f	26565K48f	STWO	42	41	-1	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	7065,199321	2563,040008		28	K	26565K49d	STWO	7065,199321	3907,324195		K49d	26565K49d	STWO	49	47	-2	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	10177,71883	2348,3375		1	K	26565K49e	EGWO	10177,71883			K49e	26565K49e	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852		0.7	1.55
49	7323,712741	2565,845096		63	K	26565K49e	STWO	7323,712741	3869,994432		K49e	26565K49e	STWO	49	47	-2	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	6889,326368	2589,920227		26	K	26565K49f	STWO	6889,326368	3791,404803		K49f	26565K49f	STWO	46	46	0	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	11014,5206	2657,47615		4	K	26573K48b	EGWO	11014,5206	3631,283703		K48b	26573K48b	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	7780,507169	3789,990846		100	K	26581K48b	STWO	7780,507169	4374,706081		K48b	26581K48b	STWO	46	44	-2	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	7126,300967	3575,525121		241	K	26581K48c	STWO	7126,300967	4213,161153		K48c	26581K48c	STWO	43	41	-2	6	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	5.45
28	5727,451737	4244,751747		28	M	26603M31c	STWO	5727,451737	3861,381232		M31c	26603M31c	STWO	29	30	1	-1	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
43	6130,630477	3472,271126		266	M	26611M58h	STWO	6129,074376	3740,409326		M58h	26611M58h	STWO	36	39	3	7	42.4	61,162.852	3,773.36	252	61,162.852	4,711.837	2.9	5.45
45	7621,114583	4086,876347		30	A	26638A08a	STWO	7621,114583	4272,733171		A08a	26638A08a	STWO	43	44	1	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6236,842105	2969,3		6	M	26646M57a	EGWO	6236,842105	3103,376		M57a	26646M57a	EGWO	47	49	2	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
43	5956,401122	3412,763889		65	M	26646M57a	STWO	5956,401122	4050,370689		M57a	26646M57a	STWO	31	32	1	12	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
41	7506,942887	4442,158523		7	A	26654A04h	STWO	7506,942887	4149,989284		A04h	26654A04h	STWO	44	45	1	-3	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
28	4748,099312	3269,20967		19	K	26662K91c	STWO	4748,099312	3393,588291		K91c	26662K91c	STWO	32	29	-3	-4	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-2.35
31	5224,330084	3642,012821		75	K	26670K90a	STWO	5224,330084	3838,042408		K90a	26670K90a	STWO	31	31	0	0	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7564,516129			6	M	26689M57a	EGWO	7564,516129			M57a	26689M57a	EGWO	44	49	5	5	46.8	61,162.852		51.2	61,162.852		5.1	5.45
42	5643,708388	3282,63486		95	M	26689M57a	STWO	5643,708388	3914,920957		M57a	26689M57a	STWO	29	30	1	13	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
35	4080,838299	2659,062945		10	N	26719N61b	STWO	4080,838299	3298,478301		N61b	26719N61b	STWO	23	20	-3	12	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	13.25
	3991,150442	2295		1	F	26727F80b	STWO	3991,150442	3120,746823		F80b	26727F80b	STWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		

32	5822,692308	3717,30562	[redacted]	4	F	26727F80c	EGWO	5822,692308	3708,285335	[redacted]	F80c	26727F80c	EGWO		36		33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
11	3474,469775	3227,2895		60	F	26727F81b	STWO	3474,469775	3081,923484		F81b	26727F81b	STWO	10	11	1	1 11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
48	7454,788854	3621,43519		9	A	26735A07h	STWO	7454,788854	3993,127295		A07h	26735A07h	STWO	46	45	-1	2 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	4266,666667	2383,5874		1	M	26743M33b	EGWO	4266,666667	2098,673213		M33b	26743M33b	EGWO	48	49	1	1 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
34	5649,821663	3749,5108		390	M	26743M33b	STWO	5649,821663	3619,333647		M33b	26743M33b	STWO	35	36	1	-1 33.6	61,162.852	3,773.36	352.4	61,162.852	4,711.837	0.7	-2.35
	7056,818182	4805,7646		1	A	26778A09d	EGWO	7056,818182	3801,637674		A09d	26778A09d	EGWO					61,162.852	3,773.36	51.2	61,162.852	4,711.837		
34	6300,234194	4169,9075		80	A	26786A09d	STWO	6270,867712	3996,37983		A09d	26786A09d	STWO	35	36	1	-1 33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
32	5083,403429	3178,089575		12	A	26786A09e	STWO	5083,403429	3488,84944		A09e	26786A09e	STWO	35	35	0	-3 33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
	7848,160771	3277,6902		13	A	26808A09d	EGWO	7796,752171	3234,282132		A09d	26808A09d	EGWO					61,162.852	3,773.36	51.2	61,162.852	4,711.837		
38	6534,972222	4199,765741		144	A	26808A09d	STWO	6534,972222	4133,952498		A09d	26808A09d	STWO	38	39	1	0 38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
	4440	3714,2738		1	M	26816M56h	EGWO	4440	2858,499329		M56h	26816M56h	EGWO					61,162.852	3,773.36	51.2	61,162.852	4,711.837		
35	6431,041319	3594,369913		6	M	26816M56h	STWO	6431,041319	3675,756692		M56h	26816M56h	STWO	32	37	5	3 33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
	9872,110526	4873,198765		2	M	26816M56i	EGWO	9872,110526	4556,923059		M56i	26816M56i	EGWO					61,162.852	3,773.36	51.2	61,162.852	4,711.837		
46	7167,900908	3886,752109		58	A	26832A04a	STWO	7167,900908	3948,058726		A04a	26832A04a	STWO	44	46	2	2 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
49	7106,471245	2988,727004		17	M	26859M28a	STWO	7106,471245	3898,736321		M28a	26859M28a	STWO	43	44	1	6 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
47	6295,113809	3331,384912		13	M	26859M28c	EGWO	6295,113809	2933,041764		M28c	26859M28c	EGWO		49		46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	6752,672632	2857,176654		144	M	26859M28c	STWO	6752,672632	3832,394157		M28c	26859M28c	STWO	43	43	0	6 46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
42	7991,782208	5253,94555		8	A	26867A04f	STWO	7991,782208	4589,60388		A04f	26867A04f	STWO	42	43	1	0 42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	8074,281609	4720,962		2	M	26875M29c	EGWO	8074,281609	4155,761064		M29c	26875M29c	EGWO	49	49	0	0 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
42	5775,396825	2525,850632		2	M	26875M29c	STWO	5775,396825	3543,899874		M29c	26875M29c	STWO	41	40	-1	1 42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
38	5743,82716	3546,737682		15	N	26883N62b	EGWO	5743,82716	3646,277847		N62b	26883N62b	EGWO	33	37	4	5 38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
49	6773,917204	3483,220364		44	E	26905E13e	STWO	6773,917204	4154,046883		E13e	26905E13e	STWO	40	39	-1	9 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
49	6316,868543	3214,80961		109	E	26905E13f	STWO	6316,868543	3865,851316		E13f	26905E13f	STWO	40	38	-2	9 46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	9.35
22	4593,217016	3399,654204		76	N	26913N66b	EGWO	4593,217016	2794,693839		N66b	26913N66b	EGWO		35		20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
31	4347,315593	3000,870662		9	N	26913N66b	STWO	4347,315593	3453,355183		N66b	26913N66b	STWO	20	18	-2	11 29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
	4935,897436	3729,23		1	N	26913N66e	EGWO	4935,897436	2845,888957		N66e	26913N66e	EGWO					61,162.852	3,773.36	51.2	61,162.852	4,711.837		
32	3928,884897	2674,232466		18	F	26921F83a	EGWO	3928,884897	2395,262699		F83a	26921F83a	EGWO	31	39	8	1 33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
34	6943,820225	3697,07		1	A	26948A03f	STWO	6943,820225	3949,035923		A03f	26948A03f	STWO	42	41	-1	-8 33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
49	5648,158739	2699,532869		19	K	26964K91c	EGWO	5648,158739	2580,382377		K91c	26964K91c	EGWO	49	49	0	0 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
	10597,01307	3172,465333		28	K	26972K46c	EGWO	10597,01307			K46c	26972K46c	EGWO					61,162.852	3,773.36	51.2	61,162.852			
49	7830,940144	2774,876955		45	K	26972K46c	STWO	7830,940144	4149,648012		K46c	26972K46c	STWO				46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
43	6311,71255	3489,126329		57	M	26980M29c	STWO	6311,71255	3694,790025		M29c	26980M29c	STWO	40	40	0	3 42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
33	4887,326656	3406,004185		4	N	27030N65b	EGWO	4887,326656	3421,635146		N65b	27030N65b	EGWO	28	36	8	5 33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
32	4915,982272	3345,604274		19	N	27049N65b	EGWO	4915,982272	3228,951126		N65b	27049N65b	EGWO	26	35	9	6 33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
49	7232,694226	3611,722399		181	E	27065E42c	STWO	7232,694226	4163,306858		E42c	27065E42c	STWO	42	42	0	7 46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
49	7207,718047	3663,823944		94	E	27065E42d	STWO	7207,718047	4181,765856		E42d	27065E42d	STWO	42	42	0	7 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	6443,083272	3133,104753		268	E	27073E38d	STWO	6443,083272	3934,184765		E38d	27073E38d	STWO	38	38	0	11 46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	9.35
49	6786,842512	3324,206585		270	E	27073E41c	STWO	6786,842512	4101,783028		E41c	27073E41c	STWO	39	39	0	10 46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	9.35
48	6838,489672	3552,617518		298	E	27073E42c	STWO	6838,489672	4126,785202		E42c	27073E42c	STWO	40	39	-1	8 46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	9.35
47	6796,928712	3627,469463		191	E	27073E42d	STWO	6796,928712	4110,811855		E42d	27073E42d	STWO	39	39	0	8 46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
7	3465,865268	3508,71637		215	F	27081F81a	STWO	3465,865268	3190,510009		F81a	27081F81a	STWO	10	10	0	-3 7.2	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	-2.35
13	4288,13799	3727,52944		46	F	27081F82a	STWO	4288,13799	3573,986067		F82a	27081F82a	STWO	13	17	4	0 11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
44	4289,734751	2414,401158		27	F	27081F82b	EGWO	4289,734751	2294,769796		F82b	27081F82b	EGWO	36	46	10	8 42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
18	3971,654167	3261,114993		288	F	27081F82b	STWO	3971,654167	3177,861681		F82b	27081F82b	STWO	19	20	1	-1 16	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	-2.35
5	3413,696697	3393,460534		48	F	27081F83a	STWO	3413,696697	3089,004432		F83a	27081F83a	STWO	10	10	0	-5 7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
21	4448,667602	3508,292493		135	F	27138F80b	EGWO	4448,667602	2916,182463		F80b	27138F80b	EGWO	25	33	8	-4 20.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	7.3	-2.35
42	6204,819277	4546,77		1	F	27138F82b	EGWO	6204,819277	4059,830166		F82b	27138F82b	EGWO	36	45	9	6 42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
33	4817,434532	3514,639112		9	F	27138F84c	EGWO	4817,434532	2761,062408		F84c	27138F84c	EGWO	28	41	13	5 33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	13.9	5.45
31	4508,149172	3025,533184		73	F	27138F88j	EGWO	4508,149172	2809,269211		F88j	27138F88j	EGWO	26	35	9	5 29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
31	4525,40749	3014,443679		9	F	27138F88j	STWO	4525,40749	3380,018591		F88j	27138F88j	STWO	22	21	-1	9 29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
14	3568,302947	3578,094961		393	F	27146F81c	STWO	3568,302947	3282,201988		F81c	27146F81c	STWO	14	17	3	0 16	61,162.852	3,773.36	352.4	61,162.852	4,711.837	2.9	1.55
49	6602,93303	2793,786261		8	M	27162M55h	EGWO	6602,93303	2859,959203		M55h	27162M55h	EGWO	49	49	0	0 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
37	5564,317482	3552,685598		31	N	27170N62b	EGWO	5564,317482	3426,852828		N62b	27170N62b	EGWO	36	38	2	1 38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
32	4755,204376	3243,619796		250	F	27189F89c	STWO	4755,204376	3489,381296		F89c	27189F89c	STWO	28	29	1	4 33.6	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	5.45
49	8843,396774	4001,824552		4	K	27197K91c	EGWO	8843,396774	3910,667492		K91c	27197K91c	EGWO	48	49	1	1 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6108,460395	2694,659303		19	K	27227K90c	EGWO	6108,460395	2712,742323		K90c	27227K90c	EGWO	49	49	0	0 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	4861,824496	2550,874206		19	K	27235K90d	EGWO	4861,824496	2626,52197		K90d	27235K90d	EGWO	44	47	3	5 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
	7100			1	A	27243A01c	EGWO	6319,53125	4056,290908		A01c	27243A01c	EGWO	39				61,162.852		51.2	61,162.852	4,711.837		
33	6359,306485	5405,26245		22	A	27243A01c	STWO	6359,306485	4287,374751		A01c	27243A01c	STWO	39	37	-2	-6 33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
30	5827,586207	3721,52		1	A	27251A00c	STWO	5827,586207	3636,881351		A00c	27251A00c	STWO	39	38	-1	-9 29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
28	6945,193969	5344,505714		7	A	27251A00e	STWO	6945,193969	4327,461992		A00e	27251A00e	STWO	40	37	-3	-12 29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-10.15
25	6231,537944	5105,434758		26	A	27278A00c	STWO	6231,537944	4279,732375		A00c	27278A00c	STWO	37	36	-1	-12 24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
28	7449,01996	5434,347954		14	A	27278A00e	STWO	7449,01996	4390,142676		A00e	27278A00e	STWO	42	41	-1	-14 29.2	61,162.852	7,085.2	51.2	61,162.852	4,711.837	-1.5	-14.05
48	6656,299058	3455,701143		87	K	27286K53a	STWO	6656,299058	4039,932833		K53a	27286K53a	STWO	40	39	-1	8 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
49	8672,37511	4476,91555		3	A	27294A02b	EGWO	8672,37511	4033,632162		A02b	27294A02b	EGWO	49	49	0	0 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
42	7850,592024	4825,029131		12	A	27294A02b	STWO	7850,592024	4401,366975		A02b	27294A02b	STWO	45	44	-1	-3 42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
45	6597,011648	4109,3867		3	A	27308A06g	EGWO	6597,011648	3089,341433		A06g	27308A06g	EGWO	49	49	0	-4 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
41	7197,586015	4368,425869		93	A	27308A06g	STWO	7197,586015	4286,427011		A06g	27308A06g	STWO	42	42	0	-1 42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
29	3994,910589	2840,485866		26	F	27316F83a	EGWO	3994,910589	2561,400479		F83a	27316F83a	EGWO	28	36	8	1 29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
30	6648,717949	4955,38		2	A	27367A01d	EGWO	6648,717949	3965,157837		A01d	27367A01d	EGWO	43	48	5	-13 29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-14.05
31	7178,953146	4854,258021		24	A	27367A01d	STWO	7178,953146	4226,76285		A01d	27367A01d	STWO	39	39	0	-8 29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
49	12728,75494			2	A	27375A02c	EGWO	12728,75494			A02c	27375A02c	EGWO	49	49	0	0 46.8	61,162.852		51.2	61,162.852		0.7	1.55
46	7531,40133	4098,784821		9	A	27375A02c	STWO	7531,40133	4226,50055		A02c	27375A02c	STWO	47	44	-3	-1 46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-2.35
43	7553,820025	4313,865732		7	A	27391A04d	EGWO	7553,820025	3358,18678		A04d	27391A04d	EGWO	49	49	0	-6 42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
36	7006,297833	4479,375457		83	A	27391A04d	STWO	7006,297833	4205,615711		A04d	27391A04d	STWO	39	40	1	-3 38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
32	5146,067416			1	A	27405A00a	EGWO	5146,067416			A00a	27405A00a	EGWO	43	49	6	-11 33.6	61,162.852		51.2	61,162.852		5.1	-10.15
29	6742,647059	5116,68375		2	A	27405A00a	STWO	6742,647059	4308,214389		A00a	27405A00a	STWO	38	39	1	-9 29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-10.15
26	5500	4336,6386		1	A	27405A00b	STWO	5500	3674,120805		A00b	27405A00b	STWO	36	36	0	-10 24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-10.15
33	5988,865546	4187,33545		2	A	27405A01c	STWO	5988,865546	3868,432854		A01c	27405A01c	STWO	39	37	-2	-6 33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
29	6843,859038	4899,415769		9	A	27405A01e	STWO	6843,859038	4263,121743		A01e	27405A01e	STWO	38	38	0	-9 29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-10.15
26	7167,380734	5347,98518		12	A	27413A00c	STWO	7167,380734	4498,144126		A00c	27413A00c	STWO	37	37	0	-11 24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-10.15
30	6555,940891	4777,0016		5	A	27421A00b	EGWO	6555,940891	3717,233424		A00b	27421A00b	EGWO	39	45	6	-9 29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-10.15
21	5840,804559	4644,135092		29	A	27421A00b	STWO	5840,804559	3858,832256		A00b	27421A00b	STWO	34	33	-1	-13 20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-14.05

33	7535,757576	5531,416806	[redacted]	3	A	27448A00e	STWO	7535,757576	4435,426423	[redacted]	A00e	27448A00e	STWO	42	39	-3	-9	33.6	61,162.852	7,085.2	51.2	61,162.852	4,711.837	-3.7	-10.15
48	6850,495827	3242,395125		5	A	27499A04d	EGWO	6850,495827	2873,084087		A04d	27499A04d	EGWO	49	49	0	-1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
32	7017,02675	4819,003068		31	A	27499A04d	STWO	7017,02675	4248,767016		A04d	27499A04d	STWO	38	39	1	-6	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
41	6865,921788	3986,0059		1	A	27499A04e	EGWO	6865,921788	3059,533242		A04e	27499A04e	EGWO	47	49	2	-6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
38	7031,229018	4220,834168		49	A	27499A04e	STWO	7031,229018	4062,605791		A04e	27499A04e	STWO	41	40	-1	-3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
47	6936,17179	3917,854913		73	A	27499A04f	STWO	6936,17179	4004,264119		A04f	27499A04f	STWO	43	44	1	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	6662,474024	3175,637723		130	M	27561M27b	STWO	6662,474024	3995,975355		M27b	27561M27b	STWO	42	40	-2	7	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
49	4791,187608	2396,331397		19	K	27618K90d	EGWO	4791,187608	2556,437561		K90d	27618K90d	EGWO	43	47	4	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
40	5192,419872	3258,354378		20	N	27626N63a	EGWO	5192,419872	3230,29155		N63a	27626N63a	EGWO	31	40	9	9	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
24	4522,124825	3359,075932		194	F	27650F87d	STWO	4522,124825	3371,380815		F87d	27650F87d	STWO	18	23	5	6	24.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	5.1	5.45
49	7211,84597	2912,993968		69	E	27677E20a	STWO	7211,84597	3952,323721		E20a	27677E20a	STWO	44	46	2	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
49	7043,19956	3788,206487		4	E	27677E20b	EGWO	7043,19956	3299,355887		E20b	27677E20b	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	6890,595648	3011,577099		235	E	27677E20b	STWO	6890,595648	3983,704079		E20b	27677E20b	STWO	43	42	-1	6	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	5.45
49	6814,724608	3126,144012		99	E	27677E20c	STWO	6814,724608	3971,550046		E20c	27677E20c	STWO	42	42	0	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
	5912,333121	2798,54585		2	E	27677E21a	EGWO	5912,333121			E21a	27677E21a	EGWO						61,162.852	3,773.36	51.2	61,162.852			
49	7153,886589	3038,065339		313	E	27677E21a	STWO	7153,886589	4013,753145		E21a	27677E21a	STWO	42	44	2	7	46.8	61,162.852	3,773.36	352.4	61,162.852	4,711.837	2.9	5.45
49	7810,935254	3902,962061		9	E	27677E21b	EGWO	7810,935254	3703,858411		E21b	27677E21b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6938,442513	3229,986138		184	E	27677E21b	STWO	6938,442513	3976,561375		E21b	27677E21b	STWO	44	42	-2	5	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
	8809,210526	3800,8854		1	E	27677E22a	EGWO	8809,210526	3611,764908		E22a	27677E22a	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	7683,141691	3240,822175		93	E	27677E22a	STWO	7683,141691	4190,493693		E22a	27677E22a	STWO	46	45	-1	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
	9692,297696	4172,200682		3	E	27677E22b	EGWO	8820,451081	3597,326916		E22b	27677E22b	EGWO		49				61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	6276,780151	3112,830418		107	E	27677E22b	STWO	6273,547553	3856,119639		E22b	27677E22b	STWO	42	39	-3	7	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-3.7	5.45
6	4084,441115	4174,382479		45	N	27685N68c	STWO	4084,441115	3592,458574		N68c	27685N68c	STWO	10	12	2	-4	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
25	4751,314122	3538,116531		45	K	27693K90c	STWO	4751,314122	3513,008775		K90c	27693K90c	STWO	30	26	-4	-5	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-6.25
49	8048,616289	3106,127491		205	K	27715K47b	STWO	8048,616289	4207,7615		K47b	27715K47b	STWO	49	48	-1	0	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	1.55
49	10102,02471	3612,38088		6	K	27715K47c	EGWO	10102,02471	3863,468755		K47c	27715K47c	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
	9101,095082	3098,279197		89	K	27715K47c	STWO	9101,095082	4212,910737		K47c	27715K47c	STWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	6875,392053	3292,810387		31	M	27758M30b	STWO	6875,392053	3966,056225		M30b	27758M30b	STWO	42	42	0	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
45	7865,470302	4181,200862		51	A	27766A03e	STWO	7865,470302	4161,423377		A03e	27766A03e	STWO	44	43	-1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
	10190,90909	4110,2512		1	E	27790E22a	EGWO	10190,90909	4213,743041		E22a	27790E22a	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	8222,378874	3229,248297		12	E	27790E22a	STWO	8222,378874	4226,449694		E22a	27790E22a	STWO	49	48	-1	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
32	7659,750722	5194,115061		4	A	27804A01g	STWO	7659,750722	4549,977281		A01g	27804A01g	STWO		41			33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
38	5143,71676	3064,745184		55	M	27812M31c	STWO	5123,639987	3614,29279		M31c	27812M31c	STWO	30	30	0	8	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	9444,751381	2352,3624		1	K	27820K47c	EGWO	9444,751381			K47c	27820K47c	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852			
	8111,729778	2725,082755		64	K	27820K47c	STWO	8111,729778	4070,007915		K47c	27820K47c	STWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	7078,77193	3553,920471		19	K	27839K26c	STWO	7078,77193	4227,509997		K26c	27839K26c	STWO	42	40	-2	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
40	7218,152036	4510,8243		2	A	27847A06a	EGWO	7218,152036	3547,016831		A06a	27847A06a	EGWO	47	49	2	-7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
45	6695,457428	3511,524233		6	A	27847A06a	STWO	6695,457428	3966,699579		A06a	27847A06a	STWO	43	43	0	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
42	7301,328718	4231,929661		6	A	27855A06a	EGWO	7301,328718	3339,029797		A06a	27855A06a	EGWO	49	49	0	-7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
40	7798,377336	4659,675295		147	A	27855A06a	STWO	7798,377336	4408,379903		A06a	27855A06a	STWO	43	43	0	-3	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-2.35
40	7931,027576	4584,498546		5	A	27863A06a	EGWO	7931,027576	3880,645924		A06a	27863A06a	EGWO	47	49	2	-7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
40	7631,953383	4542,428876		83	A	27863A06a	STWO	7631,953383	4316,693109		A06a	27863A06a	STWO	43	43	0	-3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	6342,397407	2857,598201		81	M	27901M33e	EGWO	6342,397407	2777,942968		M33e	27901M33e	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
36	5672,427242	3510,763305		31	M	27901M33e	STWO	5672,427242	3677,014509		M33e	27901M33e	STWO	35	35	0	1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
38	5215,533445	3228,08528		16	N	27936N67a	EGWO	5215,533445	2987,586954		N67a	27936N67a	EGWO	34	42	8	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
40	3680,555556	2160,76		1	N	27944N71c	STWO	3680,555556	3032,230932		N71c	27944N71c	STWO	31	33	2	9	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
39	4575,609756	2577,480699		2	N	27960N60b	STWO	4575,609756	3491,733319		N60b	27960N60b	STWO	28	30	2	11	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
38	2980,769231	2216,66		1	N	27960N71c	EGWO	2980,769231	1833,607076		N71c	27960N71c	EGWO		46			38	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
35	5472,156932	3818,221255		48	N	27960N71c	STWO	5472,156932	3790,281138		N71c	27960N71c	STWO	27	30	3	8	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
49	6897,715538	3142,195449		122	E	28002E43a	STWO	6897,715538	3947,010289		E43a	28002E43a	STWO	42	43	1	7	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
49	6783,479128	2924,733556		232	E	28010E43a	STWO	6783,479128	3842,042069		E43a	28010E43a	STWO	43	43	0	6	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	5.45
44	7161,122974	3978,927336		84	K	28037K23d	STWO	7161,122974	4270,10656		K23d	28037K23d	STWO	42	40	-2	2	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	6106,812621	2601,806564		60	K	28037K48f	STWO	6106,812621	3617,939469		K48f	28037K48f	STWO	43	41	-2	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	19829,05992	4457,026205		68	K	28037K49f	STWO	19829,05992	6683,376902		K49f	28037K49f	STWO	47	46	-1	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
33	5254,935094	3392,335647		84	K	28037K59a	STWO	5254,935094	3335,914098		K59a	28037K59a	STWO	37	36	-1	-4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
49	7221,189823	2761,74963		6	M	28045M56c	EGWO	7221,189823	2834,727157		M56c	28045M56c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6810,057717	2723,692241		8	M	28045M56c	STWO	6810,057717	3794,056744		M56c	28045M56c	STWO	41	43	2	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
43	7851,226981	4412,801774		8	A	28053A06h	EGWO	7851,226981	3669,051235		A06h	28053A06h	EGWO	49	49	0	-6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
48	8159,812076	4292,125056		27	A	28053A06h	STWO	8159,812076	4454,775608		A06h	28053A06h	STWO	45	47	2	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
45	7982,54961	4725,66626		5	A	28061A06h	EGWO	7982,54961	3910,02042		A06h	28061A06h	EGWO	49	49	0	-4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	7799,626452	3742,905444		55	A	28061A06h	STWO	7799,626452	4149,82211		A06h	28061A06h	STWO	45	46	1	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	6920,088775	3444,601719		19	K	28088K26c	STWO	6920,088775	4047,86758		K26c	28088K26c	STWO	43	41	-2	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	7177,803143	3227,581615		39	M	28096M55h	EGWO	7177,803143	2987,653745		M55h	28096M55h	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
46	6078,513872	3073,659663		22	M	28096M55h	STWO	6078,513872	3841,011365		M55h	28096M55h	STWO	35	39	4	11	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
26	5881,07725	3053,5879		2	A	28134A00b	STWO	5881,07725	3633,770719		A00b	28134A00b	STWO	36	36	0	-10	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-10.15
49	7007,072644	3285,243907		76	K	28169K48f	STWO	7007,072644	4032,461016		K48f	28169K48f	STWO	44	42	-2	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
27	4157,271508	3019,654478		97	F	28177F77c	EGWO	4157,271508	2709,12811		F77c	28177F77c	EGWO	27	34	7	0	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
49	9873,846154	3154,2348		1	K	28215K47b	EGWO	9873,846154			K47b	28215K47b	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852			
49	8572,991285	2955,808105		14	K	28215K47b	STWO	8572,991285			K47b	28215K47b	STWO		48			46.8	61,162.852	3,773.36	51.2	61,162.852			
49	8445,01646	3073,650724		5	K	28215K47h	STWO	8445,01646	4247,896107		K47h	28215K47h	STWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
37	5768,615143	3069,676565		35	K	28258K52g	STWO	5768,615143	3619,928584		K52g	28258K52g	STWO	41	36	-5	-4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-5.9	-2.35
34	4820,787469	3175,22635		10	N	28266N65b	EGWO	4820,787469	3027,947317		N65b	28266N65b	EGWO	28	37	9	6	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
36	6097,598208	4732,852055		33	M	28274M55h	STWO	6097,598208	4114,010232		M55h	28274M55h	STWO	30	32	2	6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
30	3898,176946	2749,593986		25	F	28304F83a	EGWO	3898,176946	2478,31615		F83a	28304F83a	EGWO	27	37	10	3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
49	6923,297832	3420,949777		12	K	28312K26b	STWO	6923,297832	4083,171008		K26b	28312K26b	STWO	43	41	-2	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
32	6897,950529	4658,729325		28	A	28320A04c	STWO	6897,950529	4192,719722		A04c	28320A04c	STWO	38	39	1	-6	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
27	3920,177384	2862,744545		11	N	28355N65a	EGWO	3920,177384	2579,046754		N65a	28355N65a	EGWO	22	34	12	5	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
28	4895,750875	3524,964		45	K	28363K90c	STWO	4895,750875	3544,09802		K90c	28363K90c	STWO	29	28	-1	-1	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
33	4781	3225,218664		25	N	28371N65c	EGWO	4781	2993,388929		N65c	28371N65c	EGWO	29	37	8	4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
49	11484,84848	3475,2965		1	K	28401K59a	EGWO	11484,84848	4372,787771		K59a	28401K59a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
8	3219,911931	2996,562506		80	N	28428N66f	STWO	3219,911931	2927,199105		N66f	28428N66f	STWO	7	9	2	1	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
9	4590,215182	4236,206629		36	F	28444F85c	STWO	4590,215182	3720,77049		F85c	28444F85c	STWO	17	18	1	-8	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
29	4122,708191	2925,26268		47	F	28460F78d	EGWO	4122,708191	2648,378787		F78d	28460F78d	EGWO	28	36	8	1	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55

49	6787,768893	3181,645133	[redacted]	74	K	28479K25d	STWO	6787,768893	3972,298331	[redacted]	K25d	28479K25d	STWO	43	41	-2	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
30	4130,716954	2879,277232		21	F	28533F78b	EGWO	4130,716954	2635,674554		F78b	28533F78b	EGWO	28	36	8	2	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
31	3999,071951	2806,249428		3	F	28533F78b	STWO	3999,071951	3401,422681		F78b	28533F78b	STWO	20	24	4	11	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
49	7087,898287	3290,416521		120	K	28576K44c	STWO	7087,898287	4073,830872		K44c	28576K44c	STWO	42	42	0	7	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
40	5903,004624	3045,565892		12	M	28584M33a	STWO	5903,004624	3509,091469		M33a	28584M33a	STWO	36	36	0	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
39	4021,434902	2513,35		9	F	28606F86a	EGWO	3880,599676	2330,612097		F86a	28606F86a	EGWO	33	41	8	6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
19	3787,381784	3503,9383		83	F	28606F86a	STWO	3787,381784	3373,710554		F86a	28606F86a	STWO	14	16	2	5	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
23	3977,474359	3081,06941		35	F	28622F81e	EGWO	3977,474359	2745,067094		F81e	28622F81e	EGWO	27	31	4	-4	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
49	7372,036453	3417,840011		97	K	28630K25a	STWO	7372,036453	4176,655611		K25a	28630K25a	STWO	44	43	-1	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	7534,247166	3513,618202		202	K	28630K25b	STWO	7534,247166	4238,77375		K25b	28630K25b	STWO	44	44	0	5	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	5.45
49	70888,60407	12329,96644		86	K	28649K47j	STWO	70888,60407	18393,59357		K47j	28649K47j	STWO	48	48	0	1	46.8	61,162.852	13,708.881	51.2	61,162.852	16,224.755	0.7	1.55
44	4460,828824	2497,097565		26	F	28657F85b	EGWO	4460,828824	2445,527423		F85b	28657F85b	EGWO	38	45	7	6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
26	3579,451521	2626,114592		65	F	28673F81e	EGWO	3579,451521	2366,70534		F81e	28673F81e	EGWO	26	33	7	0	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
7	3155,494479	2657,629787		136	F	28673F81e	STWO	3155,494479	2871,81522		F81e	28673F81e	STWO	8	9	1	-1	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-2.35
42	3818,791946			1	F	28673F82d	EGWO	3818,791946			F82d	28673F82d	EGWO	34	44	10	8	42.4	61,162.852		51.2	61,162.852		9.5	9.35
14	4012,024669	3459,605021		272	F	28673F82d	STWO	4012,024669	3251,881716		F82d	28673F82d	STWO	17	19	2	-3	16	61,162.852	3,773.36	252	61,162.852	4,711.837	2.9	-2.35
24	4113,55134	3143,480135		183	F	28673F84c	STWO	4113,55134	3331,601613		F84c	28673F84c	STWO	20	23	3	4	24.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	5.45
13	4186,830383	3909,730147		24	F	28673F89a	STWO	4186,830383	3538,441427		F89a	28673F89a	STWO	13	16	3	0	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
12	4210,219094	3938,205766		45	F	28673F89b	STWO	4210,219094	3552,97697		F89b	28673F89b	STWO	13	15	2	-1	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
49	10214,59922	2374,51855		4	K	28681K47a	EGWO	10214,59922	3431,300179		K47a	28681K47a	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	7055,353251	3281,391659		180	K	28681K47a	STWO	7055,353251	4100,066154		K47a	28681K47a	STWO		48			46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837		
32	6867,492362	4664,038331		8	A	28703A00d	STWO	6867,492362	4031,268003		A00d	28703A00d	STWO	42	41	-1	-10	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
34	7033,688723	4727,169753		5	A	28711A00d	EGWO	7033,688723	3685,277423		A00d	28711A00d	EGWO	42	48	6	-8	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-6.25
38	6901,175759	4295,601116		35	A	28711A00d	STWO	6901,175759	4026,422551		A00d	28711A00d	STWO	43	41	-2	-5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
49	7652,850264	3416,813716		150	E	28738E21a	STWO	7652,850264	4279,794276		E21a	28738E21a	STWO	45	44	-1	4	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
49	8226,797712	2869,460625		29	K	28746K46b	STWO	8226,797712	4199,585369		K46b	28746K46b	STWO	49	48	-1	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	7331,695789	3376,212801		32	K	28746K48a	STWO	7331,695789	4075,101585		K48a	28746K48a	STWO	47	44	-3	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	1.55
42	5703,419958	3578,356024		124	M	28762M29b	STWO	5703,419958	3798,643945		M29b	28762M29b	STWO	34	33	-1	8	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	9.35
49	7671,656067	3399,5186		2	A	28789A07h	EGWO	7671,656067			A07h	28789A07h	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852		0.7	1.55
49	7654,870888	3874,851768		40	A	28789A07h	STWO	7654,870888	4140,227254		A07h	28789A07h	STWO	46	46	0	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
31	4113,809743	2816,184423		109	F	28797F78d	EGWO	4113,809743	2590,962312		F78d	28797F78d	EGWO	29	37	8	2	29.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	7.3	1.55
49	6481,252343	3085,767421		217	E	28800E40c	STWO	6481,252343	3982,279663		E40c	28800E40c	STWO	40	38	-2	9	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	9.35
33	3856,916572	2597,833369		13	F	28819F78d	EGWO	3856,916572	2370,477435		F78d	28819F78d	EGWO	28	39	11	5	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
20	3912,047415	3112,875268		79	F	28819F78d	STWO	3912,047415	3104,891882		F78d	28819F78d	STWO	16	19	3	4	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
47	6112,344643	3234,326017		139	M	28827M29a	STWO	6112,344643	3893,337178		M29a	28827M29a	STWO	40	36	-4	7	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-3.7	5.45
26	6676,518883	5150,6814		2	A	28843A00b	STWO	6676,518883	4255,997077		A00b	28843A00b	STWO	36	36	0	-10	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-10.15
49	7301,748292	3460,734106		68	K	28886K25d	STWO	7301,748292	4213,612638		K25d	28886K25d	STWO	42	42	0	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
39	4017,747119	2577,0425		32	N	28908N70b	EGWO	4017,747119	2449,300565		N70b	28908N70b	EGWO	33	41	8	6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
37	5344,403742	3330,017501		43	N	28924N60c	EGWO	5344,403742	3205,718466		N60c	28924N60c	EGWO	34	40	6	3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
28	3901,988824	2788,430973		23	F	28932F81e	EGWO	3901,988824	2503,24606		F81e	28932F81e	EGWO	28	36	8	0	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
40	7423,514737	4413,61198		110	A	28959A05d	STWO	7423,514737	4176,379912		A05d	28959A05d	STWO	39	40	1	1	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
33	5507,240108	3750,243591		3	N	28967N65b	EGWO	5507,240108	3710,370216		N65b	28967N65b	EGWO	24	36	12	9	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	9.35
33	5574,001211	3729,314646		6	N	28975N65b	EGWO	5574,001211	3660,650616		N65b	28975N65b	EGWO	24	34	10	9	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
38	7407,260167	4573,247089		74	A	28983A08d	STWO	7407,260167	4229,929617		A08d	28983A08d	STWO	42	43	1	-4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
35	6883,107371	4373,461316		74	A	28991A08d	STWO	6883,107371	4057,173994		A08d	28991A08d	STWO	39	40	1	-4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
42	5897,637795	4417,5822		1	A	29009A08d	EGWO	5897,637795	3181,613503		A08d	29009A08d	EGWO	49	49	0	-7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
39	7172,291364	4406,121265		130	A	29009A08d	STWO	7172,291364	4161,633201		A08d	29009A08d	STWO	41	42	1	-2	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-2.35
47	7187,269769	3528,438669		5	A	29017A08d	EGWO	7187,269769	3111,206303		A08d	29017A08d	EGWO	49	49	0	-2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
40	6124,673756	3684,610257		16	A	29025A08d	EGWO	6124,673756	2991,301536		A08d	29025A08d	EGWO	49	49	0	-9	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-10.15
40	3782,442655	4265,756066		251	A	29025A08d	STWO	3782,442655	4009,661874		A08d	29025A08d	STWO	39	43	4	1	38	61,162.852	3,773.36	252	61,162.852	4,711.837	2.9	1.55
43	7098,838161	4012,051333		19	A	29033A08d	EGWO	7098,838161	3174,369699		A08d	29033A08d	EGWO	49	49	0	-6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
40	5275,206248	4418,03277		314	A	29033A08d	STWO	5275,206248	4206,290522		A08d	29033A08d	STWO	42	43	1	-2	38	61,162.852	3,773.36	352.4	61,162.852	4,711.837	0.7	-2.35
42	6336,130821	3792,447733		3	A	29041A08d	EGWO	6336,130821	3673,86996		A08d	29041A08d	EGWO	49	49	0	-7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
41	7010,224876	4127,090769		83	A	29041A08d	STWO	7010,224876	4054,204488		A08d	29041A08d	STWO	41	42	1	0	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
46	6587,437115	3540,59315		6	A	29068A08d	EGWO	6587,437115	2871,461235		A08d	29068A08d	EGWO	49	49	0	-3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
40	4777,845003	5891,315285		20	A	29068A08d	STWO	4777,845003	4852,421155		A08d	29068A08d	STWO	42	43	1	-2	38	61,162.852	7,085.2	51.2	61,162.852	4,711.837	0.7	-2.35
36	4429,714789	2848,722541		24	F	29084F77f	EGWO	4429,714789	2684,754061		F77f	29084F77f	EGWO	31	40	9	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
35	4905,797934	3192,48169		19	N	29106N65b	EGWO	4905,797934	2985,793056		N65b	29106N65b	EGWO	29	39	10	6	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
31	4813,458573	3317,865887		27	N	29114N65b	EGWO	4813,458573	3130,753171		N65b	29114N65b	EGWO	28	36	8	3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
49	6778,687151	3164,508977		48	M	29149M57a	EGWO	6778,687151	3290,160875		M57a	29149M57a	EGWO	46	49	3	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
46	5368,87332	2920,419331		53	M	29149M57a	STWO	5368,87332	3662,285943		M57a	29149M57a	STWO	26	32	6	20	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	21.05
25	3848,577236	2895,656667		12	N	29165N65a	EGWO	3848,577236	2604,310866		N65a	29165N65a	EGWO	19	32	13	6	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	13.9	5.45
	3823,529412	2313,62		1	F	29203F87c	EGWO	3823,529412	2185,186552		F87c	29203F87c	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
37	5579,135138	3645,48913		208	F	29203F87c	STWO	5579,135138	3956,012266		F87c	29203F87c	STWO	30	31	1	7	38	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	5.45
49	6985,414889	3483,952001		75	K	29211K26c	STWO	6985,414889	4157,96366		K26c	29211K26c	STWO	42	40	-2	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
36	6177,004174	3862,599077		117	E	29246E13d	STWO	6177,004174	3844,945725		E13d	29246E13d	STWO	34	33	-1	2	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	1.55
44	6778,347197	3768,664373		81	E	29246E13e	STWO	6778,347197	4234,800323		E13e	29246E13e	STWO	39	37	-2	5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
40	6408,533907	3856,470055		118	M	29262M29c	STWO	6408,533907	3792,850086		M29c	29262M29c	STWO	42	41	-1	-2	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	-2.35
40	3368,641532	2532,085		2	N	29270N71c	STWO	3368,641532	3447,153653		N71c	29270N71c	STWO	31	33	2	9	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
33	4801,304979	3227,145528		44	N	29300N65c	EGWO	4801,304979	3063,467151		N65c	29300N65c	EGWO	29	36	7	4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
44	5931,395237	3287,941088		65	M	29319M29a	STWO	5931,395237	3829,309424		M29a	29319M29a	STWO	38	35	-3	6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	5.45
42	5612,548142	3239,025929		7	M	29319M29b	STWO	5612,548142	3780,516445		M29b	29319M29b	STWO	37	33	-4	5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	5.45
34	5257,449936	3484,807332		14	N	29327N65b	EGWO	5257,449936	3246,967822		N65b	29327N65b	EGWO	27	38	11	7	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
32	4601,111111	3631,185		2	N	29335N73g	EGWO	4601,111111	2779,261352		N73g	29335N73g	EGWO	35	40	5	-3	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-2.35
46	7634,249084			14	M	29343M28c	EGWO	7634,249084			M28c	29343M28c	EGWO		49			46.8	61,162.852		51.2	61,162.852			
44	6142,468503	4636,709242		124	M	29343M28c	STWO	6142,468503	4137,026843		M28c	29343M28c	STWO	35	35	0	9	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
	7115,384615			8	M	29343M28d	EGWO	7115,384615			M28d	29343M28d	EGWO						61,162.852		51.2	61,162.852			
37	6108,555619	4690,193121		51	M	29343M28d	STWO	6108,555619	4147,061945		M28d	29343M28d	STWO	35	34	-1	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
41	6230,545014	4713,465447		24	E	29408E42d	STWO	6230,545014	4060,054028		E42d	29408E42d	STWO	34	34	0	7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	7142,284424	3528,868737		113	E	29408E43a	STWO	7142,284424	4181,928134		E43a	29408E43a	STWO	41	41	0	8	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
49	6805,581931	3248,08971		312	E	29408E43b	STWO	6805,581931	3996,085445		E43b	29408E43b	STWO	41	41	0	8	46.8	61,162.852	3,773.36	352.4	61,162.852	4,711.837	0.7	9.35
46	6152,533232	3333,408741		77	E	29416E42b	STWO	6152,533232	3907,228119		E42b	29416E42b	STWO	37	36	-1	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
42	6264,899675	3592,170795		45	E	29416E42d	STWO	6264,899675	4003,541136		E42d	29416E42d	STWO	35	35	0	7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45

48	6295,454545	3651,9662	[redacted]	3	E	29416E75d	STWO	6295,454545	4147,526107	[redacted]	E75d	29416E75d	STWO	38	40	2	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
44	3793,814433			1	F	29416F86a	EGWO	3793,814433			F86a	29416F86a	EGWO	38	46	8	6	42.4	61,162.852		51.2	61,162.852		7.3	5.45
29	4772,085218	3233,588393		121	F	29416F86a	STWO	4772,085218	3347,783302		F86a	29416F86a	STWO	24	26	2	5	29.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	5.45
28	4065,920915	3114,416567		166	F	29416F86b	STWO	4065,920915	3202,098771		F86b	29416F86b	STWO	18	21	3	10	29.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	9.35
49	7212,451767	3275,37804		143	E	29424E17a	STWO	7212,451767	4107,376361		E17a	29424E17a	STWO	43	43	0	6	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
39	5674,907734	3473,271859		76	M	29432M32b	STWO	5674,907734	3758,964569		M32b	29432M32b	STWO	34	34	0	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
38	5733,588135	4315,077965		143	M	29440M30a	STWO	5724,971591	3855,700249		M30a	29440M30a	STWO	31	32	1	7	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
49	7131,791757	2940,335886		87	K	29459K52b	STWO	7131,791757	3870,538282		K52b	29459K52b	STWO	42	43	1	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
27	5877,083333	4262,924022		96	K	29459K52g	STWO	5877,083333	3925,566899		K52g	29459K52g	STWO	32	33	1	-5	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
47	6380,977416	3395,977424		164	K	29459K54b	STWO	6380,977416	3890,240526		K54b	29459K54b	STWO	38	39	1	9	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
48	6285,745296	3279,000326		113	K	29459K54c	STWO	6285,745296	3921,969765		K54c	29459K54c	STWO	37	37	0	11	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
44	6053,569282	3370,393443		24	M	29467M30a	STWO	6053,569282	3897,161843		M30a	29467M30a	STWO	37	36	-1	7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
48	6148,866913	3008,235356		61	M	29475M30a	STWO	6148,866913	3776,970562		M30a	29475M30a	STWO	37	38	1	11	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	6863,446505	3353,927915		222	M	29491M30b	STWO	6863,446505	3989,299386		M30b	29491M30b	STWO	41	42	1	8	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	9.35
34	6913,796885	4139,926735		77	A	29556A00a	STWO	6913,796885	4118,85016		A00a	29556A00a	STWO	36	40	4	-2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
24	6741,176471	4840,2961		1	A	29556A01b	EGWO	6741,176471	3774,356454		A01b	29556A01b	EGWO	38	47	9	-14	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	-14.05
31	7180,817868	4949,35241		22	A	29556A01b	STWO	7069,181828	4243,293448		A01b	29556A01b	STWO	42	41	-1	-11	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
36	6080,05988	3850,7779		2	A	29556A04b	EGWO	6080,05988	2803,061619		A04b	29556A04b	EGWO	45	49	4	-9	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-10.15
37	6501,557373	4161,788835		103	A	29556A04b	STWO	6501,557373	3943,815897		A04b	29556A04b	STWO	39	39	0	-2	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-2.35
39	6820,3125	4409,0871		1	A	29556A04c	EGWO	6820,3125	3364,620813		A04c	29556A04c	EGWO	48	49	1	-9	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-10.15
39	6467,831853	3938,967094		74	A	29556A04c	STWO	6467,831853	3885,841441		A04c	29556A04c	STWO	39	40	1	0	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
32	6682,165044	4587,986964		28	A	29556A04d	STWO	6682,165044	4166,066021		A04d	29556A04d	STWO	37	39	2	-5	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
	10969,33346	3451,650622		21	K	29580K46c	EGWO	10969,33346			K46c	29580K46c	EGWO						61,162.852	3,773.36	51.2	61,162.852			
49	8015,609604	3578,821952		46	K	29580K46c	STWO	8015,609604	4288,456467		K46c	29580K46c	STWO					46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	8562,271022	3429,633953		19	A	29610A05d	EGWO	8562,271022	3279,300452		A05d	29610A05d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
42	7273,177682	4536,504145		267	A	29610A05d	STWO	7273,177682	4289,026856		A05d	29610A05d	STWO	42	43	1	0	42.4	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	1.55
49	7904,138098	3524,532556		10	A	29629A02a	EGWO	7904,138098			A02a	29629A02a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852		0.7	1.55
49	8248,342701	4203,1729		89	A	29629A02a	STWO	8248,342701	4400,540551		A02a	29629A02a	STWO	48	47	-1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	8055,485869	3673,976325		4	A	29629A02b	EGWO	8055,485869	3879,773934		A02b	29629A02b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
47	7707,470561	4035,555204		98	A	29629A02b	STWO	7707,470561	4269,698604		A02b	29629A02b	STWO	49	47	-2	-2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
49	9400,161863	4196,635867		11	A	29629A02c	EGWO	9400,161863	3879,89107		A02c	29629A02c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
47	8093,596803	4283,264		255	A	29629A02c	STWO	8093,596803	4296,986202		A02c	29629A02c	STWO	48	47	-1	-1	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	-2.35
49	8334,947026	4084,82034		10	A	29629A02d	EGWO	8334,947026	3551,646608		A02d	29629A02d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
48	8452,630968	4389,924625		70	A	29629A02d	STWO	8452,630968	4437,573968		A02d	29629A02d	STWO	49	47	-2	-1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
49	9386,282327	4030,557074		6	A	29629A03a	EGWO	9386,282327	3784,274527		A03a	29629A03a	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	8079,637157	4080,810779		82	A	29629A03a	STWO	8079,637157	4276,687867		A03a	29629A03a	STWO	48	48	0	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	10167,28231	4120,660861		45	A	29629A03c	EGWO	10167,28231	3760,702167		A03c	29629A03c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
45	8567,321663	4882,196382		102	A	29629A03c	STWO	8567,321663	4613,187663		A03c	29629A03c	STWO	48	48	0	-3	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-2.35
49	8922,001365	3782,830806		13	A	29629A03d	EGWO	8922,001365	3517,127676		A03d	29629A03d	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
48	8972,739202	4638,155571		86	A	29629A03d	STWO	8972,739202	4540,568996		A03d	29629A03d	STWO	49	49	0	-1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	7372,450111	3348,88895		2	A	29629A03g	EGWO	7372,450111			A03g	29629A03g	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852		0.7	1.55
43	7438,811498	4202,619071		49	A	29629A03g	STWO	7438,811498	4221,659636		A03g	29629A03g	STWO	48	44	-4	-5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-6.25
49	7984,259053	3836,216226		5	A	29629A06c	EGWO	7984,259053	3263,695287		A06c	29629A06c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
43	8481,759619	4838,754918		52	A	29629A06c	STWO	8481,759619	4471,038042		A06c	29629A06c	STWO	46	47	1	-3	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
45	7595,532514	4527,593824		3	A	29629A06g	EGWO	7595,532514	3456,673549		A06g	29629A06g	EGWO	49	49	0	-4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
44	8220,198679	4662,577129		153	A	29629A06g	STWO	8220,198679	4414,622008		A06g	29629A06g	STWO	46	46	0	-2	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-2.35
45	7775,214676	4022,686766		2	A	29629A06h	EGWO	7775,214676	3171,270362		A06h	29629A06h	EGWO	49	49	0	-4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
46	9121,553637	5027,497698		81	A	29629A06h	STWO	9121,553637	4568,741505		A06h	29629A06h	STWO	49	49	0	-3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
45	8697,044866	4924,145353		2	A	29629A06k	EGWO	8697,044866	4051,826365		A06k	29629A06k	EGWO	49	49	0	-4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
38	8926,731193	5551,465661		11	A	29629A06k	STWO	8926,731193	4624,462262		A06k	29629A06k	STWO	49	47	-2	-11	38	61,162.852	7,085.2	51.2	61,162.852	4,711.837	-1.5	-10.15
46	8549,626281	4644,133869		12	A	29629A06l	EGWO	8549,626281	3645,570361		A06l	29629A06l	EGWO	49	49	0	-3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
43	8783,62103	5059,020781		63	A	29629A06l	STWO	8783,62103	4581,60137		A06l	29629A06l	STWO	48	47	-1	-5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
49	8547,272097	3635,791008		7	A	29629A07c	EGWO	8547,272097	3327,255773		A07c	29629A07c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
41	7445,572347	4447,287807		108	A	29629A07c	STWO	7445,572347	4199,096249		A07c	29629A07c	STWO	45	44	-1	-4	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	-2.35
49	9772,856938	4139,786028		35	A	29629A07e	EGWO	9772,856938	3714,69662		A07e	29629A07e	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
46	7976,354146	4292,376248		110	A	29629A07e	STWO	7976,354146	4291,114838		A07e	29629A07e	STWO	47	47	0	-1	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-2.35
49	8866,183643	3740,105288		9	A	29629A07g	EGWO	8866,183643	3351,470076		A07g	29629A07g	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
45	8337,14189	4627,894251		152	A	29629A07g	STWO	8337,14189	4417,676486		A07g	29629A07g	STWO	48	47	-1	-3	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	-2.35
33	7262,372818	4829,341975		6	A	29637A00e	EGWO	7262,372818	3844,770389		A00e	29637A00e	EGWO	41	47	6	-8	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-6.25
33	6376,146789	3627,040047		1	A	29637A00e	STWO	6376,146789	3766,426582		A00e	29637A00e	STWO	42	39	-3	-9	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-10.15
40	7921,538544	4907,975105		19	A	29645A02a	STWO	7921,538544	4443,608368		A02a	29645A02a	STWO	45	44	-1	-5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
42	7227,452018	4379,635771		24	A	29645A02b	STWO	7227,452018	4194,863001		A02b	29645A02b	STWO	44	42	-2	-2	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
49	12688,52459	6442,053479		1	K	29688K59a	EGWO	9854,262295	4539,295609		K59a	29688K59a	EGWO	49	49	0	0	46.8	61,162.852	7,085.2	51.2	61,162.852	4,711.837	0.7	1.55
49	9981,256795	2946,464662		15	K	29726K59a	EGWO	9595,090729	3198,946563		K59a	29726K59a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	9564,99248	2766,378974		34	K	29750K59a	EGWO	9569,769611	3375,613457		K59a	29750K59a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
41	5713,807283	3336,518189		6	F	29823F76a	EGWO	5713,807283	2904,74504		F76a	29823F76a	EGWO	31	40	9	10	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
33	3923,439637	2509,191776		77	F	29858F81e	EGWO	3923,439637	2348,28178		F81e	29858F81e	EGWO	32	40	8	1	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
6	4044,962543	4595,329689		20	F	29858F81e	STWO	4044,962543	3571,483831		F81e	29858F81e	STWO	8	9	1	-2	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
40	7233,773764	4368,6874		9	A	29866A08b	STWO	7233,773764	3941,380981		A08b	29866A08b	STWO	45	46	1	-5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
37	5106	3316,6947		1	A	29874A08b	EGWO	5106			A08b	29874A08b	EGWO					38	61,162.852	3,773.36	51.2	61,162.852			
42	6941,888827	4009,248811		11	A	29874A08b	STWO	6941,888827	4028,140459		A08b	29874A08b	STWO	41	43	2	1	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
25	4073,666253	4075,78		2	T	29904T94j	EGWO	4073,666253	3068,77294		T94j	29904T94j	EGWO	26	36	10	-1	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	-2.35
13	3983,918533	3661,687902		6	T	29904T95c	EGWO	3983,918533	2954,359024		T95c	29904T95c	EGWO	14	26	12	-1	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	-2.35
	3532,71028	2335,016304		1	T	29904T95c	STWO	3532,71028	3026,614523		T95c	29904T95c	STWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
34	4782,192245	3163,796953		58	N	29912N65c	EGWO	4782,192245	2972,816508		N65c	29912N65c	EGWO	30	38	8	4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
18	4638,934191	3179,159605		33	N	29912N65c	STWO	4638,934191	3384,640854		N65c	29912N65c	STWO	21	23	2	-3	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
49	6577,441283	2822,642614		18	M	29920M56b	STWO	6577,441283	3783,084972		M56b	29920M56b	STWO	41	42	1	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
44	7091,828954	3847,239743		14	N	29963N62b	EGWO	7091,828954	3658,941373		N62b	29963N62b	EGWO	41	47	6	3	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
40	5175,998551	3074,188813		29	N	29971N61b	STWO	5175,998551	3637,266856		N61b	29971N61b	STWO	28	29	1	12	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
49	7927,350427	3741,230055		1	M	29998M56a	EGWO	7927,350427	3070,425881		M56a	29998M56a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6816,890029	2914,336434		42	M	29998M56a	STWO	6816,890029	3897,43434		M56a	29998M56a	STWO	41	43	2	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
49	6464,820891	3142,54535		2	M	29998M56b	EGWO	6464,820891			M56b	29998M56b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852		0.7	1.55
49	6696,668758	2654,247358		75	M	29998M56b	STWO	6696,668758	3741,394605		M56b	29998M56b	STWO	45	44	-1	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45

49	7640,4328	3598,272851	[redacted]	105	K	30007K24b	STWO	7640,4328	4402,549304	[redacted]	K24b	30007K24b	STWO	44	43	-1	5	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
49	8028,012933	3592,532182		139	K	30007K24c	STWO	8028,012933	4352,87893		K24c	30007K24c	STWO	46	45	-1	3	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	1.55
49	7352,541341	2571,762989		29	K	30015K49e	STWO	7352,541341	3905,405334		K49e	30015K49e	STWO	49	48	-1	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
42	7444,245036	4403,121681		16	A	30023A02b	STWO	7444,245036	4222,731324		A02b	30023A02b	STWO	45	43	-2	-3	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
40	8329,876438	5734,721873		6	A	30023A02c	STWO	8329,876438	4827,219348		A02c	30023A02c	STWO	43	42	-1	-3	38	61,162.852	7,085.2	51.2	61,162.852	4,711.837	-1.5	-2.35
44	8146,367521	5258,899367		7	A	30082A06h	STWO	8146,367521	4664,191349		A06h	30082A06h	STWO	43	43	0	1	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
38	6204,166667	3184,944967		3	A	30082A06j	STWO	6204,166667	3738,721017		A06j	30082A06j	STWO	40	39	-1	-2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
42	7522,423025	4735,511395		3	A	30090A04h	EGWO	7522,423025	3704,77474		A04h	30090A04h	EGWO	48	49	1	-6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
36	7279,339421	4737,269189		62	A	30090A04h	STWO	7279,339421	4291,661875		A04h	30090A04h	STWO	41	42	1	-5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
43	6268,37476	3024,364971		21	A	30104A06j	STWO	6268,37476	3706,144101		A06j	30104A06j	STWO	42	41	-1	1	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
36	5418,918919	4253,8964		1	A	30112A01f	STWO	5418,918919	3697,312716		A01f	30112A01f	STWO	43	42	-1	-7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
45	7542,742743	4151,46805		2	A	30120A06h	EGWO	7542,742743	3315,847721		A06h	30120A06h	EGWO	49	49	0	-4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
44	7826,440554	4642,610653		58	A	30120A06h	STWO	7826,440554	4277,332959		A06h	30120A06h	STWO	46	44	-2	-2	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
16	4428,990324	3888,107191		7	F	30139F80b	EGWO	4428,990324	3003,188475		F80b	30139F80b	EGWO	24	33	9	-8	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	-6.25
49	5190,769231	2615,818245		13	N	30171N70b	EGWO	5190,769231	2502,043612		N70b	30171N70b	EGWO	39	49	10	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
26	4566,26506	2734,879488		1	N	30171N70b	STWO	4566,26506	3345,162014		N70b	30171N70b	STWO	18	23	5	8	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	9.35
49	7015,137521	2723,475217		10	M	30198M56c	EGWO	7015,137521	2807,687163		M56c	30198M56c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6531,168208	2680,74237		68	M	30198M56c	STWO	6531,168208	3729,0731		M56c	30198M56c	STWO	41	38	-3	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	9.35
	10355,55556			1	M	30198M56e	EGWO	10355,55556			M56e	30198M56e	EGWO						61,162.852		51.2	61,162.852			
42	5974,905388	3505,985433		19	N	30228N60a	EGWO	5974,905388	3619,119462		N60a	30228N60a	EGWO	35	40	5	7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
38	6971,436211	4302,156191		5	A	30236A04c	EGWO	6971,436211	3530,314518		A04c	30236A04c	EGWO	48	49	1	-10	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-10.15
38	6780,506608	4215,207596		153	A	30236A04c	STWO	6780,506608	4042,717707		A04c	30236A04c	STWO	39	40	1	-1	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-2.35
33	7283,541885	4928,865204		17	A	30244A04c	STWO	7283,541885	4233,666752		A04c	30244A04c	STWO	40	41	1	-7	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
35	6071,333661	3942,289982		34	A	30244A04g	STWO	6071,333661	4022,622818		A04g	30244A04g	STWO	33	34	1	2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
43	6669,672565	3800,261206		173	A	30252A04g	STWO	6669,672565	3912,835749		A04g	30252A04g	STWO	41	41	0	2	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
49	10827,41129	2504,088457		27	K	30260K49e	EGWO	10827,41129	3495,554217		K49e	30260K49e	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7655,686443	2710,163105		14	K	30260K49e	STWO	7655,686443	4009,51797		K49e	30260K49e	STWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	9483,024905	2417,804632		3	K	30279K49d	EGWO	9483,024905	3477,240123		K49d	30279K49d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7260,97347	2694,180502		35	K	30279K49d	STWO	7260,97347	3919,91252		K49d	30279K49d	STWO	49	48	-1	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	7520,306425	2647,350103		12	K	30279K49e	STWO	7520,306425	3985,52389		K49e	30279K49e	STWO	49	48	-1	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	7055,555556	4109,45349		1	A	30295A05d	EGWO	7055,555556	3119,562996		A05d	30295A05d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
42	6650,953994	3580,785418		48	A	30295A05d	STWO	6650,953994	3896,865533		A05d	30295A05d	STWO	43	42	-1	-1	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
49	6449,438166	3051,220018		36	M	30309M55g	EGWO	6449,438166	2978,441992		M55g	30309M55g	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6566,692254	3383,326043		27	M	30309M55g	STWO	6566,692254	3980,169786		M55g	30309M55g	STWO	38	39	1	11	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
48	6862,213167	3670,1794		4	A	30317A04d	EGWO	6862,213167	3003,790725		A04d	30317A04d	EGWO	49	49	0	-1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
34	6876,285765	4641,099707		80	A	30317A04d	STWO	6876,285765	4133,710137		A04d	30317A04d	STWO	40	41	1	-6	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
41	6961,660253	3962,802323		3	A	30317A04e	EGWO	6961,660253	3052,84923		A04e	30317A04e	EGWO	47	49	2	-6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
39	26123,26503	7164,21278		56	A	30317A04e	STWO	26123,26503	8666,624667		A04e	30317A04e	STWO	38	40	2	1	38	61,162.852	7,085.2	51.2	61,162.852	10,468.296	2.9	1.55
40	7631,153522	4959,863493		38	A	30325A02c	STWO	7631,153522	4394,136602		A02c	30325A02c	STWO	44	43	-1	-4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
49	6593,080546	3312,095148		57	K	30333K53a	STWO	6593,080546	3962,484401		K53a	30333K53a	STWO	40	40	0	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
31	6628,733146	4584,2759		30	A	30368A03f	STWO	6628,733146	4089,15496		A03f	30368A03f	STWO	40	39	-1	-9	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
49	7929,052312	3915,311739		15	A	30376A03b	STWO	7929,052312	4327,79334		A03b	30376A03b	STWO	47	46	-1	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
42	5726,058896	4589,782248		38	A	30376A03c	STWO	5726,058896	4391,659406		A03c	30376A03c	STWO	44	47	3	-2	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
33	6848,610125	4638,432705		54	A	30376A03f	STWO	6848,610125	4187,907218		A03f	30376A03f	STWO	41	40	-1	-8	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
49	9294,7099	4107,572061		23	A	30384A03c	EGWO	9294,7099	3860,717668		A03c	30384A03c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	8383,478189	4343,979936		37	A	30384A03c	STWO	8383,478189	4432,588107		A03c	30384A03c	STWO	48	48	0	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	9160,644929	3748,22575		9	A	30384A03d	EGWO	9160,644929	3628,453686		A03d	30384A03d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
46	9165,322273	4936,6804		27	A	30384A03d	STWO	9165,322273	4736,341043		A03d	30384A03d	STWO	48	48	0	-2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	9500,153625	4200,85825		8	A	30384A07e	EGWO	9500,153625	3869,850826		A07e	30384A07e	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
43	7639,458409	4363,394508		17	A	30384A07e	STWO	7639,458409	4225,454366		A07e	30384A07e	STWO	45	45	0	-2	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
43	8875,134769	5042,763816		10	A	30384A07f	STWO	8875,134769	4611,808932		A07f	30384A07f	STWO	48	48	0	-5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
49	9127,081836	4376,122713		10	A	30384A07g	EGWO	9127,081836	3789,030821		A07g	30384A07g	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
40	8293,885049	5021,028		14	A	30384A07g	STWO	8293,885049	4468,720296		A07g	30384A07g	STWO	47	46	-1	-7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
49	8256	3636,0161		1	A	30384A07h	EGWO	8256	3098,648608		A07h	30384A07h	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	8874,666495	3415,121682		11	A	30384A07h	STWO	8874,666495	4273,549313		A07h	30384A07h	STWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
40	4941,345828	2940,268133		11	N	30422N61b	STWO	4941,345828	3517,458596		N61b	30422N61b	STWO	26	25	-1	14	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	13.25
49	7677,871922	3411,1715		3	E	30430E21b	EGWO	7677,871922	2790,946804		E21b	30430E21b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7953,84049	3387,100379		71	E	30430E21b	STWO	7953,84049	4200,943412		E21b	30430E21b	STWO	48	47	-1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	11822,99987	2619,663946		11	K	30449K47e	EGWO	11822,99987	3733,954785		K47e	30449K47e	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	8665,487077	2920,916609		29	K	30449K47e	STWO	8665,487077	4207,563738		K47e	30449K47e	STWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7818,889447	2776,950286		102	K	30449K47g	STWO	7818,889447	4012,935699		K47g	30449K47g	STWO	47	49	2	2	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	1.55
49	6251,677852	3044,015436		1	K	30457K90c	EGWO	6251,677852			K90c	30457K90c	EGWO	48	49	1	1	46.8	61,162.852	3,773.36	51.2	61,162.852		0.7	1.55
49	5399,248033	2449,396226		17	K	30457K91c	EGWO	5399,248033	2612,723721		K91c	30457K91c	EGWO	47	49	2	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
40	4205,405571	2551,985086		14	F	30465F82a	EGWO	4205,405571	2417,143391		F82a	30465F82a	EGWO	35	43	8	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
49	5983,304241	2917,309592		18	E	30481E37e	STWO	5983,304241	3770,456456		E37e	30481E37e	STWO	37	37	0	12	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
49	6216,036887	3146,333065		9	E	30481E38c	STWO	6216,036887	3978,17807		E38c	30481E38c	STWO	36	36	0	13	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
49	6222,61006	3062,391948		20	E	30511E40b	STWO	6222,61006	3913,213659		E40b	30511E40b	STWO	39	37	-2	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
49	6802,145811	3067,155425		296	E	30538E40b	STWO	6792,628681	4009,890695		E40b	30538E40b	STWO	41	41	0	8	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	9.35
	5909,722222	2302,7378		1	M	30562M29b	EGWO	5909,722222	2525,507041		M29b	30562M29b	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
48	6131,62077	3160,987104		265	M	30562M29b	STWO	6131,62077	3825,146732		M29b	30562M29b	STWO	39	37	-2	9	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	9.35
49	7080,603146	3523,886908		36	K	30570K54b	STWO	7080,603146	4142,021375		K54b	30570K54b	STWO	42	41	-1	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
48	6080,485616	3121,47644		55	M	30589M30a	STWO	6080,485616	3826,614297		M30a	30589M30a	STWO	36	37	1	12	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
40	7298,848471	4845,572236		14	A	30600A03e	STWO	7298,848471	4261,92178		A03e	30600A03e	STWO	40	41	1	0	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
32	7770,676692	5308,8275		7	A	30600A03f	STWO	7770,676692	4238,984073		A03f	30600A03f	STWO	42	41	-1	-10	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
12	3708,196878	3258,811226		28	F	30643F82c	STWO	3708,196878	3135,372299		F82c	30643F82c	STWO	13	15	2	-1	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
49	6895,56405	3319,579316		151	M	30678M30b	STWO	6895,56405	3994,041667		M30b	30678M30b	STWO	42	42	0	7	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
49	7571,519244	3305,642818		158	E	30724E21a	STWO	7571,519244	4214,9537		E21a	30724E21a	STWO	45	44	-1	4	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
43	4838,803197	2510,859975		4	N	30740N60b	EGWO	4838,803197	2493,260797		N60b	30740N60b	EGWO	38	45	7	5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
40	5000,100136	2990,626146		18	N	30740N60b	STWO	5000,100136	3535,478772		N60b	30740N60b	STWO	27	29	2	13	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	13.25
49	7850,262013	2583,381379		6	K	30759K47e	STWO	7850,262013	4021,635969		K47e	30759K47e	STWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	10697,94458	2914,506152		13	K	30767K49a	EGWO	10697,94458	3582,638086		K49a	30767K49a	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
26	5457,589525	4034,251604		51	K	30848K90c	STWO	5457,589525	3773,744374		K90c	30848K90c	STWO	30	29	-1	-4	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
49	6974,308068	3347,289035		70	K	30856K44c	STWO	6974,308068	4085,378581		K44c	30856K44c	STWO	41	41	0	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35

49	6822,221917	3342,311233	[redacted]	74	K	30856K44d	STWO	6822,221917	4056,269522	[redacted]	K44d	30856K44d	STWO	42	40	-2	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
46	4750	3076,781817		1	N	30864N61b	EGWO	4750	2715,673767		N61b	30864N61b	EGWO	40	48	8	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
35	5139,544463	3085,766264		10	N	30864N61b	STWO	5139,544463	3671,321918		N61b	30864N61b	STWO	28	28	0	7	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
32	5104,712096	3477,389726		16	N	30880N65b	EGWO	5104,712096	3386,253033		N65b	30880N65b	EGWO	25	34	9	7	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
49	6426,472783	3108,365387		86	K	30929K52d	STWO	6426,472783	3883,345014		K52d	30929K52d	STWO	39	40	1	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	6110,352008	3050,254945		76	K	30929K53a	STWO	6110,352008	3766,668998		K53a	30929K53a	STWO	37	38	1	12	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
47	6003,341047	3152,724653		97	K	30929K53b	STWO	6003,341047	3798,189439		K53b	30929K53b	STWO	36	37	1	11	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	6244,834335	3193,297901		79	K	30929K54a	STWO	6212,257689	3880,896658		K54a	30929K54a	STWO	37	38	1	12	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
49	6140,397182	2877,024642		55	K	30929K54b	STWO	6140,397182	3717,660668		K54b	30929K54b	STWO	39	39	0	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	6053,007744	2967,279803		67	K	30929K54c	STWO	6053,007744	3740,89879		K54c	30929K54c	STWO	38	38	0	11	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
28	3927,88552	2846,06678		26	F	30937F83a	EGWO	3927,88552	2578,968117		F83a	30937F83a	EGWO	26	34	8	2	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
27	3871,764968	2813,293362		25	F	30945F83a	EGWO	3871,764968	2520,414117		F83a	30945F83a	EGWO	26	35	9	1	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
32	6068,069861			44	F	30953F87c	STWO	6068,069861	4421,368486		F87c	30953F87c	STWO	27	27	0	5	33.6	61,162.852		51.2	61,162.852	4,711.837	0.7	5.45
25	5435,570715	3137,010108		399	F	30953F87d	STWO	5435,570715	3274,355026		F87d	30953F87d	STWO	20	23	3	5	24.8	61,162.852	3,773.36	352.4	61,162.852	4,711.837	2.9	5.45
49	7711,644841	3888,223912		7	M	30961M55b	EGWO	7711,644841	3497,32501		M55b	30961M55b	EGWO	48	49	1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6727,217662	2927,721348		17	M	30961M55d	EGWO	6727,217662	2845,552936		M55d	30961M55d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6952,952779	3354,07829		93	M	30961M55d	STWO	6952,952779	3991,133035		M55d	30961M55d	STWO	41	43	2	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
36	5820,179841	4358,501854		225	M	31003M31b	STWO	5811,162302	3917,353635		M31b	31003M31b	STWO	32	32	0	4	38	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	5.45
38	5928,381103	3689,535357		161	M	31011M55h	STWO	5928,381103	4105,445519		M55h	31011M55h	STWO	28	31	3	10	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	9.35
41	4346,050965	2422,942172		6	F	31038F76a	EGWO	4346,050965	2391,694925		F76a	31038F76a	EGWO	36	45	9	5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
9	4336,473064	4155,226642		119	F	31054F85c	STWO	4336,473064	3654,541718		F85c	31054F85c	STWO	14	15	1	-5	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-6.25
49	6282,460402	2420,311912		6	M	31062M55h	EGWO	6282,460402	2630,553166		M55h	31062M55h	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
43	5150,198007	4109,801078		63	E	31070E38d	STWO	5140,645459	3851,178075		E38d	31070E38d	STWO	32	32	0	11	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
27	4431,095876	4028,187011		16	E	31070E39a	STWO	4431,095876	3651,32157		E39a	31070E39a	STWO	19	19	0	8	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	8152,260268	3312,159658		6	K	31089K26a	EGWO	8152,260268	3514,747865		K26a	31089K26a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7555,881557	3696,406973		44	E	31097E14e	STWO	7555,881557	4422,81937		E14e	31097E14e	STWO	41	41	0	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
47	5420,273277	2851,15628		15	N	31135N69a	EGWO	5420,273277	2699,398027		N69a	31135N69a	EGWO	44	49	5	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
49	6371,762957	3138,901222		9	E	31151E37e	STWO	6371,762957	3869,930894		E37e	31151E37e	STWO	39	39	0	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	5378,272193	3793,953249		90	K	31178K47g	STWO	5378,272193	4032,705708		K47g	31178K47g	STWO	38	39	1	11	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	6846,059135	2890,901501		33	K	31178K47j	STWO	6846,059135	3736,126104		K47j	31178K47j	STWO	47	41	-6	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-5.9	1.55
49	7607,826157	2967,385898		80	K	31186K47g	STWO	7607,826157	4109,679175		K47g	31186K47g	STWO	46	46	0	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7545,619794	3012,744232		54	K	31186K47j	STWO	7545,619794	4089,496882		K47j	31186K47j	STWO	46	46	0	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
	8900,774121			3	E	31194E22a	EGWO	8769,729237			E22a	31194E22a	EGWO						61,162.852		51.2	61,162.852			
49	8429,971743	4617,802885		43	E	31194E22a	STWO	8429,971743	4549,187222		E22a	31194E22a	STWO		47			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	6824,117088	2885,560099		263	K	31224K52c	STWO	6824,117088	3848,002393		K52c	31224K52c	STWO	44	43	-1	5	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	5.45
37	7778,987385	4940,064991		36	A	31232A08a	STWO	7778,987385	4415,508098		A08a	31232A08a	STWO	41	43	2	-4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
36	6786,396847	5193,387927		24	A	31232A08b	STWO	6786,396847	3920,223468		A08b	31232A08b	STWO	41	42	1	-5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
49	5751,309431	2767,888022		20	K	31240K91c	EGWO	5751,309431	2616,818452		K91c	31240K91c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
46	6233,144694	3380,172568		77	E	31259E13a	STWO	6233,144694	3965,063185		E13a	31259E13a	STWO	39	36	-3	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	5.45
36	6432,362488	3951,416673		10	A	31267A00d	STWO	6432,362488	3832,563691		A00d	31267A00d	STWO	42	41	-1	-6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
31	7039,706555	4845,403386		32	A	31267A01g	STWO	7039,706555	4144,85883		A01g	31267A01g	STWO	42	41	-1	-11	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
35	6952,230456	4513,266264		30	A	31267A01h	STWO	6922,790892	4085,991793		A01h	31267A01h	STWO	43	41	-2	-8	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
49	17924,13367	5150,246769		195	E	31275E16a	STWO	17924,13367	6691,739427		E16a	31275E16a	STWO	40	41	1	9	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
49	7663,625667	3793,737572		26	E	31275E16b	STWO	7663,625667	4381,557119		E16b	31275E16b	STWO	42	43	1	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	8556,390977	4621,199822		1	A	31283A02c	EGWO	8556,390977	3846,153958		A02c	31283A02c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
41	7593,010251	4451,056204		21	A	31283A02c	STWO	7593,010251	4276,456988		A02c	31283A02c	STWO	45	43	-2	-4	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
49	6251,411729	2647,648787		5	M	31291M55h	EGWO	6251,411729	2613,325508		M55h	31291M55h	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
46	6310,915604	2990,940251		13	M	31291M55h	STWO	6310,915604	3838,689113		M55h	31291M55h	STWO	36	39	3	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
46	7965,104448	4542,039842		6	A	31305A02a	EGWO	7965,104448	3702,703225		A02a	31305A02a	EGWO	49	49	0	-3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
40	6957,682514	4426,873163		24	A	31305A02a	STWO	6957,682514	4069,253887		A02a	31305A02a	STWO	43	41	-2	-3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
49	7401,558214	3181,11782		66	K	31313K52a	STWO	7401,558214	4035,70792		K52a	31313K52a	STWO	45	45	0	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	6404,696779	2728,846978		167	K	31321K52b	STWO	6404,696779	3720,118985		K52b	31321K52b	STWO	41	42	1	8	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
49	6286,011946	2643,092021		235	K	31321K52c	STWO	6286,011946	3659,496407		K52c	31321K52c	STWO	41	41	0	8	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	9.35
49	6270,093529	2640,852317		127	K	31321K52d	STWO	6270,093529	3662,315568		K52d	31321K52d	STWO	40	41	1	9	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
34	4767,956192	3168,197443		36	K	31348K90d	STWO	4767,956192	3348,78989		K90d	31348K90d	STWO	33	30	-3	1	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	1.55
36	7495,021962	4802,890721		10	A	31372A01f	STWO	7495,021962	4273,144865		A01f	31372A01f	STWO	44	43	-1	-8	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
32	6116,27907	3808,4389		1	A	31437A01g	STWO	6116,27907	3778,118915		A01g	31437A01g	STWO		41			33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
45	8950,558214	4897,07397		2	A	31453A06c	EGWO	8950,558214	3993,370547		A06c	31453A06c	EGWO	49	49	0	-4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
38	7372,068215	4586,079906		160	A	31453A06c	STWO	7372,068215	4265,528662		A06c	31453A06c	STWO	42	42	0	-4	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-2.35
	10967,2425	3435,4657		2	A	31453A06f	EGWO	10967,2425			A06f	31453A06f	EGWO						61,162.852	3,773.36	51.2	61,162.852			
35	6816,989969	4424,817377		24	A	31453A06f	STWO	6816,989969	4056,743781		A06f	31453A06f	STWO	40	40	0	-5	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
37	7512,286369	4720,514358		152	A	31453A06g	STWO	7512,286369	4342,027859		A06g	31453A06g	STWO	43	42	-1	-6	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	-6.25
33	7005,228375	4734,67315		29	A	31453A06i	STWO	7005,228375	4238,296542		A06i	31453A06i	STWO	39	39	0	-6	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
46	7161,664813	3902,153281		8	A	31461A06g	EGWO	7161,664813	3174,450824		A06g	31461A06g	EGWO	49	49	0	-3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
41	7947,211072	4685,919456		133	A	31461A06g	STWO	7947,211072	4457,577263		A06g	31461A06g	STWO	44	44	0	-3	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-2.35
49	7351,611378	2445,983879		22	K	31496K49d	STWO	7351,611378	3845,152361		K49d	31496K49d	STWO	48	47	-1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	16563,21839	5124,6943		1	K	31496K49e	EGWO	16563,21839	6109,969247		K49e	31496K49e	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7300,46312	2559,106312		55	K	31496K49e	STWO	7300,46312	3929,854787		K49e	31496K49e	STWO	49	47	-2	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	11126,18975	2625,564984		9	K	31496K49f	EGWO	11126,18975	3646,020984		K49f	31496K49f	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7351,242334	2730,410839		54	K	31496K49f	STWO	7351,242334	3947,684932		K49f	31496K49f	STWO	48	47	-1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
28	4314,099164	3172,839153		36	F	31518F77f	EGWO	4314,099164	2863,915741		F77f	31518F77f	EGWO	25	33	8	3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
49	8195,614035	4605,177506		4	M	31526M55b	EGWO	8195,614035	4329,749165		M55b	31526M55b	EGWO	47	49	2	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
11	3744,702584	3507,01457		286	F	31534F81b	STWO	3744,702584	3301,015127		F81b	31534F81b	STWO	11	12	1	0	11.6	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	1.55
49	8234,042553	4742,477		2	A	31542A02c	EGWO	8234,042553	3978,976663		A02c	31542A02c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
41	7443,866466	4387,007336		18	A	31542A02c	STWO	7443,866466	4170,685176		A02c	31542A02c	STWO	45	44	-1	-4	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
49	7927,835052	4702,1939		1	A	31542A02d	EGWO	7927,835052	3875,646		A02d	31542A02d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
46	101836,4458	17856,27164		23	A	31542A02d	STWO	101836,4458	26316,49556		A02d	31542A02d	STWO	46	46	0	0	46.8	61,162.852	17,020.721	51.2	61,162.852	27,737.673	0.7	1.55
36	5885,160428	3895,07895		2	A	31550A00e	EGWO	5885,160428	2795,344763		A00e	31550A00e	EGWO	44	49	5	-8	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-6.25
32	7177,842002	4879,314202		11	A	31550A00e	STWO	7177,842002	4169,492344		A00e	31550A00e	STWO	41	41	0	-9	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-10.15
43	6700	3955,5863		1	K	31569K25a	EGWO	6700	3252,006942		K25a	31569K25a	EGWO	46	49	3	-3	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
49	7242,155661	3551,791659		41	K	31569K25a	STWO	7242,155661	4196,448235		K25a	31569K25a	STWO	43	42	-1	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
44	6927,7075	3840,38075		6	K	31577K25a	EGWO	6927,7075	3316,599128		K25a	31577K25a	EGWO	47	49	2	-3	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
49	7305,330391	3512,929023		79	K	31577K25a	STWO	7305,330391	4185,307365		K25a	31577K25a	STWO	44	42	-2	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45

49	7696,391717	3627,520767	[redacted]	399	K	31577K25b	STWO	7696,391717	4311,797665	[redacted]	K25b	31577K25b	STWO	45	44	-1	4	46.8	61,162.852	3,773.36	352.4	61,162.852	4,711.837	-1.5	5.45
49	7201,770913	3336,356982		250	K	31577K25c	STWO	7201,770913	4111,123341		K25c	31577K25c	STWO	43	43	0	6	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	5.45
49	7481,04339	3503,47411		252	K	31577K25d	STWO	7481,04339	4238,658738		K25d	31577K25d	STWO	44	43	-1	5	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	5.45
40	6208,158941	4484,332089		28	M	31607M56c	STWO	6208,158941	4062,994294		M56c	31607M56c	STWO	31	35	4	9	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
14	3881,620138	3324,891523		82	F	31615F78d	STWO	3881,620138	3193,230766		F78d	31615F78d	STWO	12	17	5	2	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
49	6680,746523	2880,89811		147	M	31623M27a	STWO	6680,746523	3891,19492		M27a	31623M27a	STWO	43	42	-1	6	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
49	7177,544893	3488,59467		159	M	31623M28a	STWO	7177,544893	4092,258399		M28a	31623M28a	STWO	42	43	1	7	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
48	8448,630137	3825,060567		1	K	31631K24c	EGWO	8448,630137			K24c	31631K24c	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852			
49	7921,475903	3413,434402		141	K	31631K24c	STWO	7921,475903	4234,04949		K24c	31631K24c	STWO	48	46	-2	1	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	1.55
	6104,545455	3474,555		1	K	31631K24d	EGWO	6104,545455	2734,712324		K24d	31631K24d	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	7973,920814	3689,154962		86	K	31631K24d	STWO	7973,920814	4403,030479		K24d	31631K24d	STWO	46	45	-1	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	7513,485893	3419,296227		102	K	31631K25d	STWO	7513,485893	4189,907399		K25d	31631K25d	STWO	46	44	-2	3	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	1.55
49	7936,322855	3127,565629		78	K	31658K47a	STWO	7936,322855	4172,981106		K47a	31658K47a	STWO	48	47	-1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	8226,659281	3680,391157		115	K	31658K47f	STWO	8226,659281	4216,030653		K47f	31658K47f	STWO	49	48	-1	0	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	1.55
49	7114,058901	3081,446424		95	K	31658K47j	STWO	7114,058901	3993,164598		K47j	31658K47j	STWO	45	46	1	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
6	3155,896769	3202,483174		268	F	31682F81e	STWO	3155,896769	3107,072891		F81e	31682F81e	STWO	9	9	0	-3	7.2	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	-2.35
42	7651,376147	4570,1636		1	A	31690A04h	EGWO	7651,376147	3697,416732		A04h	31690A04h	EGWO	48	49	1	-6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
42	7448,528769	4312,007782		20	A	31690A04h	STWO	7448,528769	4120,92463		A04h	31690A04h	STWO	44	45	1	-2	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
39	6579,439252	3788,1064		1	A	31704A04c	EGWO	6579,439252	2852,916268		A04c	31704A04c	EGWO	48	49	1	-9	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-10.15
34	6993,542419	4680,911963		16	A	31704A04c	STWO	6993,542419	4238,463089		A04c	31704A04c	STWO	40	41	1	-6	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
49	6271,80557	2887,578954		59	M	31712M28a	STWO	6271,80557	3764,828379		M28a	31712M28a	STWO	41	40	-1	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
49	6289,191405	3122,448399		55	M	31720M28a	STWO	6289,191405	3879,197146		M28a	31720M28a	STWO	39	38	-1	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
49	8244,564195	3937,85306		242	K	31747K24c	STWO	8244,564195	4523,065482		K24c	31747K24c	STWO	46	45	-1	3	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	1.55
49	6892,663488	3482,67804		146	K	31755K26a	STWO	6892,663488	4136,515733		K26a	31755K26a	STWO	37	40	3	12	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	13.25
33	6623,188406	4447,857523		48	K	31771K52g	STWO	6623,188406	4151,890181		K52g	31771K52g	STWO	36	37	1	-3	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
31	4072,055585	2809,651229		20	F	31828F78b	EGWO	4072,055585	2552,665108		F78b	31828F78b	EGWO	29	37	8	2	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
16	3843,490678	3234,643482		85	F	31828F78c	STWO	3843,490678	3304,231945		F78c	31828F78c	STWO	13	16	3	3	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
31	5074,63704	3336,188202		21	K	31836K90c	STWO	5074,63704	3465,613667		K90c	31836K90c	STWO	33	32	-1	-2	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
49	6185,464141	3148,238453		194	E	31844E38c	STWO	6185,464141	3937,384471		E38c	31844E38c	STWO	36	36	0	13	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	13.25
21	4207,454748	3520,054667		45	K	31852K90c	STWO	4207,454748	3378,532222		K90c	31852K90c	STWO	25	22	-3	-4	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-2.35
5	4108,591911	4292,787092		104	F	31879F76b	STWO	4108,591911	3698,163807		F76b	31879F76b	STWO	8	11	3	-3	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	-2.35
34	4918,365896	4187,697847		148	E	31887E37c	STWO	4918,365896	3806,096619		E37c	31887E37c	STWO	25	26	1	9	33.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
49	8114,424242	3321,375026		2	A	31895A07h	EGWO	8114,424242			A07h	31895A07h	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852		0.7	1.55
48	7959,025563	4146,869955		39	A	31895A07h	STWO	7959,025563	4210,87116		A07h	31895A07h	STWO	48	47	-1	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
48	6516,40364	3821,211173		4	K	31909K24e	EGWO	6516,40364	2890,950758		K24e	31909K24e	EGWO	49	49	0	-1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	7345,704115	3055,87859		240	K	31909K24e	STWO	7345,704115	4039,609503		K24e	31909K24e	STWO	45	45	0	4	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	5.45
49	6835,257408	2886,874213		127	K	31909K25b	STWO	6835,257408	3895,595194		K25b	31909K25b	STWO	44	43	-1	5	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
47	7596,794594	4036,762994		35	A	31917A07h	STWO	7596,794594	4146,092951		A07h	31917A07h	STWO	46	46	0	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
37	5462,701169	3355,179433		3	A	31917A08b	EGWO	5462,701169			A08b	31917A08b	EGWO					38	61,162.852	3,773.36	51.2	61,162.852			
41	6748,296	4021,959255		366	A	31917A08b	STWO	6748,296	4051,342252		A08b	31917A08b	STWO	39	40	1	2	42.4	61,162.852	3,773.36	352.4	61,162.852	4,711.837	0.7	1.55
34	6951,388104	4641,033383		52	A	31917A08e	STWO	6951,388104	4077,033632		A08e	31917A08e	STWO	40	41	1	-6	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
35	6377,940129	4298,068673		20	A	31917A09h	STWO	6377,940129	3882,827996		A09h	31917A09h	STWO	39	38	-1	-4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
37	6125,865623	3691,117863		11	A	31917A09i	STWO	6125,865623	3727,73501		A09i	31917A09i	STWO	40	40	0	-3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	6807,592991	3287,031353		139	K	31925K44c	STWO	6807,592991	4004,939354		K44c	31925K44c	STWO	41	41	0	8	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
49	7034,037703	3426,818404		175	K	31925K44d	STWO	7034,037703	4143,634805		K44d	31925K44d	STWO	42	41	-1	7	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
33	5509,94084	3690,240065		24	N	31933N65b	EGWO	5509,94084	3602,952593		N65b	31933N65b	EGWO	27	35	8	6	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
5	4142,702703	4142,576348		25	N	31968N69l	STWO	4142,702703	3546,958296		N69l	31968N69l	STWO	8	14	6	-3	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-2.35
	8986,032389	2776,18125		2	K	31976K46c	EGWO	8986,032389			K46c	31976K46c	EGWO						61,162.852	3,773.36	51.2	61,162.852			
49	8127,480319	2859,933097		118	K	31976K46c	STWO	8127,480319	4112,94242		K46c	31976K46c	STWO	49	49	0	0	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
49	7227,199598	3232,253601		2	E	31984E21b	EGWO	7227,199598	3086,807745		E21b	31984E21b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	8141,503352	3365,208108		22	E	31984E21b	STWO	8141,503352	4283,027488		E21b	31984E21b	STWO	48	47	-1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	8001,932312	3193,864501		78	E	31992E21b	STWO	8001,932312	4188,307685		E21b	31992E21b	STWO	49	48	-1	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
43	3830,068603	2183,235		2	N	32018N72a	STWO	3830,068603	3085,217271		N72a	32018N72a	STWO					42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	7380,53531	3542,472961		24	E	32026E14f	STWO	7380,53531	4204,282109		E14f	32026E14f	STWO	43	43	0	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
	5096,385542	2559,06		1	E	32042E36b	STWO	5096,385542	3463,770931		E36b	32042E36b	STWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
48	6626,196334	3384,15813		58	M	32050M30a	STWO	6599,291904	4056,461365		M30a	32050M30a	STWO	37	39	2	11	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
49	11300,98542	4194,013105		4	K	32069K47b	EGWO	11300,98542	4359,380494		K47b	32069K47b	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
39	6966,780248	3817,936157		9	A	32077A03f	STWO	6966,780248	4047,438893		A03f	32077A03f	STWO	43	43	0	-4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
40	5951,323223	3590,731752		19	N	32085N62b	EGWO	5951,323223	3673,015813		N62b	32085N62b	EGWO	33	39	6	7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
49	7842,349611	3210,917905		10	N	32093N64c	EGWO	7842,349611	3534,201676		N64c	32093N64c	EGWO	47	49	2	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
49	6864,812605	2822,363065		45	K	32115K52a	STWO	6864,812605	3855,916183		K52a	32115K52a	STWO	43	44	1	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	6492,730073	2868,086368		87	K	32115K52b	STWO	6492,730073	3801,254596		K52b	32115K52b	STWO	41	41	0	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	7266,666667	3931,679321		3	N	32123N73a	EGWO	7266,666667	4824,408274		N73a	32123N73a	EGWO	44	49	5	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
45	6140,693251	3328,980229		101	N	32123N73b	EGWO	6140,693251	3162,103385		N73b	32123N73b	EGWO	38	48	10	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
	4954,761905	3005,006667		3	N	32123N73b	STWO	4954,761905	3700,834115		N73b	32123N73b	STWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	4508,297003	2218,633713		34	N	32131N70b	EGWO	4508,297003	2254,411686		N70b	32131N70b	EGWO	41	49	8	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	9.35
26	4580,246914	2783,138546		1	N	32131N70b	STWO	4580,246914	3360,242984		N70b	32131N70b	STWO	18	23	5	8	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	9.35
44	6976,654037	3751,69269		26	N	32158N62b	EGWO	6976,654037	3718,416905		N62b	32158N62b	EGWO	39	45	6	5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
	6090,604027	3554,246336		2	A	32166A05f	EGWO	6090,604027			A05f	32166A05f	EGWO						61,162.852	3,773.36	51.2	61,162.852			
40	5385,18672	3327,074735		18	N	32174N63a	EGWO	5385,18672	3332,937262		N63a	32174N63a	EGWO	33	40	7	7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
25	5844,269397	4465,545089		110	K	32182K90a	STWO	5844,269397	4012,815284		K90a	32182K90a	STWO	30	30	0	-5	24.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-6.25
49	6785,898603	3427,460803		7	E	32190E18a	EGWO	6785,898603	3148,584359		E18a	32190E18a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
48	7756,664995	4151,502074		77	E	32190E18a	STWO	7756,664995	4346,324336		E18a	32190E18a	STWO	43	43	0	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
47	7426,624552	3939,076096		18	K	32204K45a	STWO	7337,503962	4219,454972		K45a	32204K45a	STWO	45	43	-2	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
46	6053,892216	2363,8944		1	K	32212K45a	EGWO	6053,892216	2509,268055		K45a	32212K45a	EGWO	47	49	2	-1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
49	6695,572416	2934,511733		27	K	32212K45a	STWO	6695,572416	3844,780815		K45a	32212K45a	STWO	44	42	-2	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	7486,096715	3573,216939		82	K	32220K45a	STWO	7486,096715	4235,846696		K45a	32220K45a	STWO	43	43	0	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	7090,337092	3363,319819		46	K	32220K45b	STWO	7090,337092	4145,892426		K45b	32220K45b	STWO	42	42	0	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	6791,006608	3450,929336		69	K	32239K53a	STWO	6791,006608	4036,550408		K53a	32239K53a	STWO	40	40	0	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
35	6082,306635	3936,231789		373	F	32247F87f	STWO	6082,306635	4268,61754		F87f	32247F87f	STWO	24	30	6	11	33.6	61,162.852	3,773.36	352.4	61,162.852	4,711.837	5.1	9.35
39	7594,490186	4464,848921		3	A	32271A04c	EGWO	7594,490186	3504,82417		A04c	32271A04c	EGWO	48	49	1	-9	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-10.15
33	7170,783279	4793,269994		27	A	32271A04c	STWO	7170,783279	4246,970422		A04c	32271A04c	STWO	39	41	2	-6	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
36	6525,037609	4325,357369		3	A	32298A04b	EGWO	6525,037609	3501,826037		A04b	32298A04b	EGWO	45	49	4	-9	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-10.15

41	7425,692481	4403,622817	[redacted]	32	A	32298A04b	STWO	7425,692481	4252,901503	[redacted]	A04b	32298A04b	STWO	42	43	1	-1	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
44	4218,398752	2357,132404		20	N	32301N70a	EGWO	4218,398752	2318,66482		N70a	32301N70a	EGWO	37	45	8	7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
40	5533,333333			2	N	32336N63a	EGWO	5533,333333			N63a	32336N63a	EGWO	34	40	6	6	38	61,162.852		51.2	61,162.852		5.1	5.45
49	6498,613751	2648,48743		40	M	32360M27b	STWO	6498,613751	3751,567483		M27b	32360M27b	STWO	45	42	-3	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	5.45
49	6751,503918	3172,894558		87	M	32379M27b	STWO	6751,503918	3982,276775		M27b	32379M27b	STWO	42	41	-1	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	8299,465241	2742,101939		1	E	32409E21b	EGWO	8299,465241	2970,476723		E21b	32409E21b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	8245,861068	3523,361801		34	E	32409E21b	STWO	8245,861068	4191,927456		E21b	32409E21b	STWO	47	47	0	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
6	4231,314486	4239,476201		185	N	32441N68c	STWO	4231,314486	3621,810093		N68c	32441N68c	STWO	11	14	3	-5	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	-6.25
38	4728,809063	2437,444754		26	F	32476F77f	EGWO	4728,809063	2417,577767		F77f	32476F77f	EGWO	34	43	9	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
16	3962,121212	2208,33		1	F	32476F77f	STWO	3962,121212	3097,930121		F77f	32476F77f	STWO	14	17	3	2	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
25	3903,658537	2910,138		10	N	32484N65a	EGWO	3903,658537	2633,344059		N65a	32484N65a	EGWO	19	33	14	6	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	13.9	5.45
42	5867,858455	2822,466788		17	N	32506N62b	EGWO	5867,858455	2852,935692		N62b	32506N62b	EGWO	36	42	6	6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
41	5954,066804	3517,501676		50	M	32514M57a	STWO	5954,066804	4183,43315		M57a	32514M57a	STWO	28	30	2	13	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	13.25
49	9930,77913	2491,200382		28	K	32522K49a	EGWO	9930,77913	3390,684994		K49a	32522K49a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7311,43719	2632,726688		12	K	32522K49a	STWO	7311,43719	3958,097309		K49a	32522K49a	STWO	48	48	0	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	9916,978023	2437,22957		14	K	32522K49b	EGWO	9916,978023	3293,93333		K49b	32522K49b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7563,385737	2786,707849		19	K	32522K49b	STWO	7563,385737	4046,012105		K49b	32522K49b	STWO	49	48	-1	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
29	3862,244133	2683,471746		53	N	32549N65a	EGWO	3862,244133	2473,221666		N65a	32549N65a	EGWO	26	35	9	3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
34	4530,883312	2981,526934		17	F	32557F76a	EGWO	4530,883312	2764,792579		F76a	32557F76a	EGWO	32	39	7	2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
45	6094,588158	3278,288109		86	M	32565M32b	STWO	6094,588158	3862,916192		M32b	32565M32b	STWO	36	36	0	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
38	4588,235294	2464,726278		5	F	32573F77f	EGWO	4588,235294	2426,720668		F77f	32573F77f	EGWO	34	43	9	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
11	3659,03533	3418,794576		59	F	32573F77f	STWO	3659,03533	3254,556054		F77f	32573F77f	STWO	11	12	1	0	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
46	6365,406259	4645,412783		42	M	32581M55d	STWO	6365,406259	4116,715903		M55d	32581M55d	STWO	34	35	1	12	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
49	7842,709462	3616,568439		15	K	32603K25a	STWO	7842,709462	4313,189603		K25a	32603K25a	STWO	46	44	-2	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
	1990,384615			8	B	32638B10d	EGWO	1990,384615			B10d	32638B10d	EGWO						61,162.852		51.2	61,162.852			
49	6436,761525	3253,179547		45	E	32646E41b	STWO	6436,761525	4065,514882		E41b	32646E41b	STWO	36	37	1	13	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
33	5168,998135	3411,630059		84	M	32654M31c	STWO	5168,998135	3567,343634		M31c	32654M31c	STWO	30	30	0	3	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
6	3838,18743	4203,3475		32	F	32662F76a	STWO	3838,18743	3603,570266		F76a	32662F76a	STWO	6	7	1	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
26	4877,683228	3483,415135		45	K	32670K90c	STWO	4877,683228	3535,278437		K90c	32670K90c	STWO	31	29	-2	-5	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
46	4945,076923	2900,105		2	N	32697N61b	EGWO	4945,076923	2674,901149		N61b	32697N61b	EGWO	40	48	8	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
35	4545,412261	2746,143728		16	N	32697N61b	STWO	4545,412261	3428,564283		N61b	32697N61b	STWO	27	25	-2	8	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
49	6252,03252	2303,89		1	M	32700M57a	EGWO	6252,03252	2668,363051		M57a	32700M57a	EGWO	44	49	5	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
43	5782,731405	3277,385253		34	M	32700M57a	STWO	5782,731405	3964,92472		M57a	32700M57a	STWO	29	31	2	14	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	13.25
49	7007,25211	3328,75888		2	M	32727M55d	EGWO	7007,25211	3186,802077		M55d	32727M55d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6713,672292	3150,537787		63	M	32727M55d	STWO	6713,672292	3880,918895		M55d	32727M55d	STWO	41	42	1	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	7694,053096	3889,044229		48	K	32751K48c	STWO	7694,053096	4432,593706		K48c	32751K48c	STWO	45	42	-3	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	5.45
29	4203,377945	3168,403103		29	N	32778N65c	EGWO	4203,377945	2964,577359		N65c	32778N65c	EGWO	25	33	8	4	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
24	5570,469799	4226,4486		1	A	32786A01b	EGWO	6015,782727	2821,678129		A01b	32786A01b	EGWO	38	47	9	-14	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	-14.05
34	8322,707987	5530,943144		26	A	32786A01b	STWO	8322,707987	4602,79928		A01b	32786A01b	STWO	45	44	-1	-11	33.6	61,162.852	7,085.2	51.2	61,162.852	4,711.837	-1.5	-10.15
35	7338,493941	4519,684254		8	A	32786A01d	EGWO	6938,283707	3233,800062		A01d	32786A01d	EGWO	48	49	1	-13	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-14.05
38	7688,915093	4741,858284		143	A	32786A01d	STWO	7680,519849	4237,343715		A01d	32786A01d	STWO	45	44	-1	-7	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	-6.25
39	7727,627355	4739,041288		5	A	32786A01f	EGWO	7727,627355	3513,372444		A01f	32786A01f	EGWO	49	49	0	-10	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-10.15
36	7825,794981	4974,408082		94	A	32786A01f	STWO	7794,361533	4285,883821		A01f	32786A01f	STWO	45	44	-1	-9	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
43	6902,98029	3949,782632		36	A	32786A01h	STWO	6851,26367	4043,85645		A01h	32786A01h	STWO	46	45	-1	-3	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
49	8181,558673	3838,237315		8	A	32786A02a	EGWO	8181,558673	3477,624353		A02a	32786A02a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
45	7777,968709	4281,449138		135	A	32786A02a	STWO	7777,968709	4253,268481		A02a	32786A02a	STWO	48	46	-2	-3	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	-2.35
49	8279,330494	3832,637667		3	A	32786A02b	EGWO	8279,330494	3245,434535		A02b	32786A02b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	8040,116369	3967,124346		132	A	32786A02b	STWO	8040,116369	4266,381707		A02b	32786A02b	STWO	49	48	-1	0	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	1.55
49	7943,908905	3930,588814		9	A	32786A02c	EGWO	7943,908905	3575,126233		A02c	32786A02c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
46	7780,056906	4193,692218		116	A	32786A02c	STWO	7780,056906	4226,890877		A02c	32786A02c	STWO	48	46	-2	-2	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	-2.35
48	8621,137762	4814,494427		15	A	32786A02d	STWO	8621,137762	4438,791691		A02d	32786A02d	STWO	49	47	-2	-1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
34	7713,364752	5248,302395		53	A	32786A03f	STWO	7713,364752	4486,338989		A03f	32786A03f	STWO	45	43	-2	-11	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
49	8650,970439	3963,1186		2	A	32786A03g	EGWO	8650,970439	3409,886022		A03g	32786A03g	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
48	7501,90734	3723,603468		21	A	32786A03g	STWO	7501,90734	4070,344025		A03g	32786A03g	STWO	48	44	-4	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	1.55
40	8638,209492	4508,308602		19	A	32786A05b	STWO	8638,209492	4187,471145		A05b	32786A05b	STWO	44	44	0	-4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
23	3832,97519	3579,683191		47	E	32794E39d	STWO	3832,97519	3308,561505		E39d	32794E39d	STWO	21	23	2	2	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
49	7056,289862	2878,581584		44	K	32832K52a	STWO	7056,289862	3878,520224		K52a	32832K52a	STWO	45	45	0	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
31	5583,276484	3866,974356		66	K	32840K90a	STWO	5583,276484	3734,421306		K90a	32840K90a	STWO	33	33	0	-2	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	7955,488592	3156,588013		46	E	32859E75a	EGWO	7955,488592	3398,607346		E75a	32859E75a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
7	4145,114269	4201,999123		91	F	32867F77a	STWO	4145,114269	3626,128119		F77a	32867F77a	STWO	9	12	3	-2	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
37	5110,654134	3198,744947		26	N	32883N60a	STWO	5110,654134	3660,458817		N60a	32883N60a	STWO	23	28	5	14	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	13.25
36	8666,666667	5477,976157		1	A	32891A00e	EGWO	8666,666667	4049,988009		A00e	32891A00e	EGWO	44	49	5	-8	38	61,162.852	7,085.2	51.2	61,162.852	4,711.837	5.1	-6.25
33	7486,219704	5171,744444		5	A	32891A00e	STWO	7486,219704	4260,142523		A00e	32891A00e	STWO	42	39	-3	-9	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-10.15
40	4146,957672	2491,456667		3	N	32905N71c	STWO	4146,957672	3235,64305		N71c	32905N71c	STWO	31	33	2	9	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
49	6980,435575	3518,692494		35	K	32921K53a	STWO	6980,435575	4034,079794		K53a	32921K53a	STWO	42	42	0	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	7040,1686	2877,891047		35	K	32948K52a	STWO	7040,1686	3871,47804		K52a	32948K52a	STWO	45	45	0	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
13	1389,975969			28	N	32956N68d	STWO	1389,975969			N68d	32956N68d	STWO	5	15	10	8	11.6	61,162.852		51.2	61,162.852		9.5	9.35
44	7599,19928	3513,801348		3	A	32964A06l	STWO	7599,19928	4084,30374		A06l	32964A06l	STWO	45	45	0	-1	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	7696,296296	4549,08603		1	A	32972A05d	EGWO	7696,296296	3493,120051		A05d	32972A05d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
47	7890,191505	4217,902838		11	A	32972A05d	STWO	7890,191505	4423,320491		A05d	32972A05d	STWO	43	44	1	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	8239,891494	2966,071261		10	K	32980K44a	EGWO	8239,891494	3285,595015		K44a	32980K44a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6809,053309	3431,571263		117	K	32980K44a	STWO	6809,053309	3994,271543		K44a	32980K44a	STWO	41	42	1	8	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
49	7682,148636	2766,641137		8	K	32980K44d	EGWO	7682,148636	3081,422034		K44d	32980K44d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6976,51435	3501,365896		121	K	32980K44d	STWO	6976,51435	4042,258244		K44d	32980K44d	STWO	42	42	0	7	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
49	6821,253623	2537,170562		10	K	32980K44e	EGWO	6821,253623	2770,093767		K44e	32980K44e	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
48	7325,626152	3816,794333		151	K	32980K44e	STWO	7325,626152	4177,604595		K44e	32980K44e	STWO	42	43	1	6	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
6	4117,192356	4321,322398		24	F	32999F76a	STWO	4117,192356	3705,026671		F76a	32999F76a	STWO	7	10	3	-1	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
23	3989,323688	2844,337516		30	F	32999F77b	STWO	3993,57027	3236,651208		F77b	32999F77b	STWO	16	20	4	7	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
16	3772,968358	3172,144832		28	F	32999F77d	STWO	3772,968358	3167,839842		F77d	32999F77d	STWO	10	16	6	6	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
	6558,254717	3950,458545		2	F	33022F88a	EGWO	6558,254717	3071,563457		F88a	33022F88a	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
27	5156,862745	2708,541037		1	F	33022F88a	STWO	5156,862745	3399,948057		F88a	33022F88a	STWO		25			24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
35	59495,19573	3660,714595		61	F	33022F88d	EGWO	59495,19573	3128,879388		F88d	33022F88d	EGWO	36	45	9	-1	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	-2.35
25	4727,304753	3476,456388		82	F	33022F88j	EGWO	4727,304753	3024,605576		F88j	33022F88j	EGWO	27	33	6	-2	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-2.35

26	5802,246604	3169,957653	[redacted]	2	F	33022F88j	STWO	5802,246604	3649,19471	[redacted]	F88j	33022F88j	STWO	17	21	4	9	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
25	4366,852835	3093,402455		3	T	33030T98a	EGWO	4366,852835	2775,454823		T98a	33030T98a	EGWO	24	33	9	1	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
49	7460,918472	3503,30522		209	K	33057K45a	STWO	7453,19164	4209,980785		K45a	33057K45a	STWO	43	43	0	6	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	5.45
49	6671,586503	3300,039387		30	K	33073K26a	STWO	6671,586503	4023,379139		K26a	33073K26a	STWO	38	40	2	11	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
49	6856,921798	3429,773867		46	K	33081K26a	STWO	6856,921798	4097,078814		K26a	33081K26a	STWO	35	40	5	14	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	13.25
49	6697,498893	3393,888247		64	M	33111M30b	STWO	6697,498893	4027,10425		M30b	33111M30b	STWO	39	39	0	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
38	4583,368511	2760,824646		14	N	33138N60c	EGWO	4583,368511	2572,251331		N60c	33138N60c	EGWO	33	39	6	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
32	4389,618109	2893,484318		26	N	33138N60c	STWO	4389,618109	3426,396617		N60c	33138N60c	STWO	19	24	5	13	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	13.25
38	6931,070325	4162,064532		30	A	33189A04e	STWO	6931,070325	4172,006445		A04e	33189A04e	STWO	41	40	-1	-3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
33	4813,467968	3251,208558		3	F	33200F77f	EGWO	4813,467968	3018,138327		F77f	33200F77f	EGWO	29	38	9	4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
21	4329,83714	2511,213787		5	F	33200F77f	STWO	4329,83714	3237,489886		F77f	33200F77f	STWO	14	22	8	7	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
32	5635,892988	3921,308768		127	M	33219M32a	STWO	5635,892988	3863,052091		M32a	33219M32a	STWO	32	31	-1	0	33.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	1.55
47	6763,804925	3577,558743		96	M	33227M31a	STWO	6763,804925	4106,432474		M31a	33227M31a	STWO	38	40	2	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
49	5237,376952	2414,023756		86	K	33243K90d	EGWO	5237,376952	2478,0891		K90d	33243K90d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6571,650187	3422,009877		166	E	33251E37f	STWO	6571,650187	4151,460772		E37f	33251E37f	STWO	37	36	-1	12	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	13.25
44	5767,718258	3240,013432		46	M	33294M32b	STWO	5767,718258	3777,041444		M32b	33294M32b	STWO	34	33	-1	10	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
31	5170,52399	3470,607204		30	K	33324K90c	STWO	5170,52399	3528,528559		K90c	33324K90c	STWO	31	31	0	0	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
	10530,4625	3752,081414		6	K	33340K46c	EGWO	10530,4625			K46c	33340K46c	EGWO						61,162.852	3,773.36	51.2	61,162.852			
49	8166,344723	3614,055462		46	K	33340K46c	STWO	8166,344723	4136,377994		K46c	33340K46c	STWO					46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
44	5205,296223	2870,060667		60	E	33359E37c	STWO	5205,296223	3621,520139		E37c	33359E37c	STWO	31	30	-1	13	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	13.25
43	5999,057874	3420,644966		32	E	33367E13e	STWO	5999,057874	3770,246045		E13e	33367E13e	STWO	39	37	-2	4	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	6303,922992	3136,51031		60	E	33367E13f	STWO	6303,922992	3850,556173		E13f	33367E13f	STWO	40	39	-1	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
	7731,658578	4245,080148		2	E	33367E13h	EGWO	7731,658578	3779,439017		E13h	33367E13h	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
	6920,634921	2887,662692		1	E	33367E13h	STWO	6920,634921	3764,004608		E13h	33367E13h	STWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	6963,84012	3093,435616		24	E	33367E36a	EGWO	6902,774888	3292,754674		E36a	33367E36a	EGWO	48	49	1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
40	6052,794126	2710,052209		4	E	33375E13d	STWO	6052,794126	3610,744855		E13d	33375E13d	STWO	36	35	-1	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	6434,164875	3051,451632		15	E	33375E13e	STWO	6434,164875	3792,79926		E13e	33375E13e	STWO	42	41	-1	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
30	5909,497643	3920,984993		33	E	33383E13b	STWO	5909,497643	4016,122177		E13b	33383E13b	STWO	32	29	-3	-2	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-2.35
42	6129,34191	3538,328606		123	E	33383E13c	STWO	6129,34191	4017,24719		E13c	33383E13c	STWO	35	34	-1	7	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
45	6157,49385	3274,97435		162	E	33383E13d	STWO	6157,49385	3853,94099		E13d	33383E13d	STWO	37	36	-1	8	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	9.35
47	6638,750967	3549,22809		51	E	33383E13e	STWO	6638,750967	4057,919543		E13e	33383E13e	STWO	39	38	-1	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
32	7158,333333	5190,465123		2	A	33405A01g	STWO	7158,333333	4214,275557		A01g	33405A01g	STWO		41			33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	7607,669938	3765,874445		376	M	33421M58g	STWO	7607,669938	4677,087939		M58g	33421M58g	STWO	37	39	2	12	46.8	61,162.852	3,773.36	352.4	61,162.852	4,711.837	2.9	13.25
12	3427,412002	3019,135116		52	N	33448N68f	STWO	3427,412002	2987,503933		N68f	33448N68f	STWO	9	13	4	3	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
37	6456,358743	4481,554386		41	M	33456M28d	STWO	6456,358743	4089,086967		M28d	33456M28d	STWO	34	36	2	3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
49	7424,980417	3422,296258		32	K	33480K48b	STWO	7424,980417	4138,291615		K48b	33480K48b	STWO	46	44	-2	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
5	4172,384506	4165,311453		27	N	33499N69l	STWO	4172,384506	3556,563829		N69l	33499N69l	STWO	9	15	6	-4	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-2.35
46	3865,921788	2169,83		1	N	33502N61b	EGWO	3865,921788	2042,146514		N61b	33502N61b	EGWO	40	48	8	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
35	4669,461004	2831,794628		17	N	33502N61b	STWO	4669,461004	3467,113869		N61b	33502N61b	STWO	26	25	-1	9	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
32	5573,939409	3785,60218		7	N	33510N65b	EGWO	5573,939409	3653,146084		N65b	33510N65b	EGWO	28	35	7	4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
49	8999,325768	4448,040545		6	A	33529A07c	EGWO	8999,325768	3808,917866		A07c	33529A07c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
38	8097,61028	5063,231989		30	A	33529A07c	STWO	8097,61028	4507,878895		A07c	33529A07c	STWO	45	44	-1	-7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
49	13148,14815	5624,109725		1	A	33529A07e	EGWO	13148,14815	5153,012412		A07e	33529A07e	EGWO	49	49	0	0	46.8	61,162.852	7,085.2	51.2	61,162.852	4,711.837	0.7	1.55
40	7767,38099	4663,348605		15	A	33529A07e	STWO	7767,38099	4299,458845		A07e	33529A07e	STWO	46	45	-1	-6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
46	6912,160691	3759,023802		121	N	33561N72a	STWO	6912,160691	4277,235371		N72a	33561N72a	STWO					46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837		
49	7180,616611	3613,588849		9	K	33588K44d	EGWO	7180,616611	3801,253834		K44d	33588K44d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
36	7000	4759,7418		1	A	33596A00e	EGWO	7000	3741,244938		A00e	33596A00e	EGWO	44	49	5	-8	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-6.25
28	7476,113588	5598,011407		19	A	33596A00e	STWO	7476,113588	4232,907293		A00e	33596A00e	STWO	40	39	-1	-12	29.2	61,162.852	7,085.2	51.2	61,162.852	4,711.837	-1.5	-10.15
8	3207,68484	2979,516694		80	N	33618N66f	STWO	3207,68484	2914,679962		N66f	33618N66f	STWO	7	9	2	1	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
37	6229,6875	3393,9509		2	A	33626A08b	EGWO	6229,6875			A08b	33626A08b	EGWO					38	61,162.852	3,773.36	51.2	61,162.852			
43	7577,954364	4381,44456		64	A	33626A08b	STWO	7577,954364	4188,030824		A08b	33626A08b	STWO	43	44	1	0	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7422,096455	3728,644851		131	K	33901K48c	STWO	7422,096455	4318,598441		K48c	33901K48c	STWO	44	42	-2	5	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
37	5075,159188	3206,266935		78	N	33928N61b	STWO	5049,315751	3572,039982		N61b	33928N61b	STWO	27	25	-2	10	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
36	7443,61603	4718,689085		2	A	33936A01f	STWO	7443,61603	4226,278945		A01f	33936A01f	STWO	43	42	-1	-7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
32	7220,776772	4234,67985		2	A	33936A01g	STWO	6837,462293	4047,596553		A01g	33936A01g	STWO		41			33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
38	6794,796835	3710,990431		10	A	33936A01h	STWO	6794,796835	3869,089547		A01h	33936A01h	STWO	43	42	-1	-5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
31	6815,142113	5271,168343		61	A	33944A01b	STWO	6815,142113	4258,485145		A01b	33944A01b	STWO	41	40	-1	-10	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
26	6685,732368	4605,907663		9	A	33944A01d	EGWO	6536,523293	3403,768477		A01d	33944A01d	EGWO	39	46	7	-13	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	-14.05
30	6904,220344	4852,739273		163	A	33944A01d	STWO	6904,220344	4180,493534		A01d	33944A01d	STWO	40	39	-1	-10	29.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	-10.15
38	7349,73913	5210,088818		2	A	33944A01f	EGWO	6318,130755	3869,421346		A01f	33944A01f	EGWO	47	49	2	-9	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-10.15
34	6990,990378	4661,200195		147	A	33944A01f	STWO	6990,990378	4208,48043		A01f	33944A01f	STWO	42	40	-2	-8	33.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	-6.25
32	7382,024341	5039,828166		8	A	33960A00e	STWO	7382,024341	4334,198923		A00e	33960A00e	STWO	41	41	0	-9	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-10.15
23	5711,386144	4475,77288		16	A	33979A00b	STWO	5711,386144	3860,500066		A00b	33979A00b	STWO	34	33	-1	-11	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
21	5616,86166	4532,572674		23	A	33987A00b	STWO	5616,86166	3853,768461		A00b	33987A00b	STWO	34	31	-3	-13	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-14.05
38	6106,028023	3593,694711		18	A	33995A04e	STWO	6106,028023	3801,862949		A04e	33995A04e	STWO	34	40	6	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
42	8604,166667			1	A	33995A04h	EGWO	8604,166667			A04h	33995A04h	EGWO	48	49	1	-6	42.4	61,162.852		51.2	61,162.852		0.7	-6.25
44	6225,907913	3421,429228		42	A	33995A04h	STWO	6225,907913	3863,36564		A04h	33995A04h	STWO	37	39	2	7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
36	6751,77305	3616,568083		1	A	34002A00d	STWO	6751,77305	3831,996678		A00d	34002A00d	STWO	43	42	-1	-7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
33	8563,157895	4177,04468		3	A	34010A01e	EGWO	8563,157895	4209,035291		A01e	34010A01e	EGWO	42	48	6	-9	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-10.15
32	6000	3848,5379		1	A	34010A01e	STWO	6000	3957,113625		A01e	34010A01e	STWO	40	39	-1	-8	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
	7411,764706	4840,2961		3	A	34029A01c	EGWO	7411,764706	3752,446373		A01c	34029A01c	EGWO	39					61,162.852	3,773.36	51.2	61,162.852	4,711.837		
33	7154,208619	5015,744067		5	A	34029A01c	STWO	7154,208619	4253,63885		A01c	34029A01c	STWO	39	37	-2	-6	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
	5888,297872	3936,7601		1	A	34037A01c	EGWO	5888,297872	2813,912577		A01c	34037A01c	EGWO	39					61,162.852	3,773.36	51.2	61,162.852	4,711.837		
38	6688,949819	3720,874603		46	A	34037A01c	STWO	6688,949819	3969,994225		A01c	34037A01c	STWO	41	40	-1	-3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
30	5417,647059	4038,7229		1	A	34045A00b	EGWO	5417,647059	2804,632366		A00b	34045A00b	EGWO	39	45	6	-9	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-10.15
21	6020,291649	4777,565567		9	A	34045A00b	STWO	6020,291649	3921,664302		A00b	34045A00b	STWO	35	35	0	-14	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-14.05
	6905,263158	4725,2222		1	A	34053A03f	EGWO	6905,263158	3686,668273		A03f	34053A03f	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
29	7034,947654	4974,204029		11	A	34053A03f	STWO	7034,947654	4099,475528		A03f	34053A03f	STWO	41	40	-1	-12	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
29	7404,857563	5264,441788		22	A	34061A01g	STWO	7404,857563	4412,241777		A01g	34061A01g	STWO	41	40	-1	-12	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
30	6296,450643	4406,651283		7	A	34088A01e	EGWO	6296,450643	3269,56187		A01e	34088A01e	EGWO	41	48	7	-11	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	-10.15
37	6686,819839	4239,372978		40	A	34088A01e	STWO	6686,819839	4067,842952		A01e	34088A01e	STWO	39	40	1	-2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
32	6604,166667	4713,6971		1	A	34096A00a	EGWO	6604,166667	3612,983624		A00a	34096A00a	EGWO	43	49	6	-11	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-10.15
29	7080,385433	4937,645462		6	A	34096A00a	STWO	7080,385433	4257,708853		A00a	34096A00a	STWO	38	38	0	-9	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-10.15

24	7087,206126	5415,364401	[redacted]	19	A	34118A00a	STWO	7087,206126	4426,712255	[redacted]	A00a	34118A00a	STWO	37	37	0	-13	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-14.05
41	6541,848384	3354,212136		8	A	34126A00d	STWO	6541,848384	3778,800108		A00d	34126A00d	STWO	43	42	-1	-2	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
34	6664	4475,272593		1	A	34142A00d	EGWO	6664	3356,333514		A00d	34142A00d	EGWO	44	49	5	-10	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-10.15
33	7446,768611	4940,257484		14	A	34142A00d	STWO	7446,768611	4268,611333		A00d	34142A00d	STWO	42	42	0	-9	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-10.15
49	7806,930544	3667,9834		7	K	34169K25a	STWO	7806,930544	4470,047309		K25a	34169K25a	STWO	44	43	-1	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	7114,170003	3480,962401		101	K	34177K25a	STWO	7114,170003	4141,291003		K25a	34177K25a	STWO	42	42	0	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	7876,701987	3798,922436		110	K	34177K25b	STWO	7876,701987	4329,401941		K25b	34177K25b	STWO	44	44	0	5	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
42	7649,620942	4451,732757		14	A	34185A04h	STWO	7649,620942	4140,816576		A04h	34185A04h	STWO	45	46	1	-3	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
	6162,5			1	F	34193F86c	EGWO	6162,5			F86c	34193F86c	EGWO						61,162.852		51.2	61,162.852			
25	4580,31922	3422,110006		180	F	34193F86c	STWO	4580,31922	3503,407737		F86c	34193F86c	STWO	21	23	2	4	24.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	5.45
42	7126,868687	4448,3416		2	A	34207A04h	EGWO	7126,868687	3482,299895		A04h	34207A04h	EGWO	48	49	1	-6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
34	7431,323008	4905,736384		33	A	34207A04h	STWO	7431,323008	4310,518728		A04h	34207A04h	STWO	42	42	0	-8	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
49	7519,761498	3432,858853		45	E	34215E22a	STWO	7457,330546	3938,824344		E22a	34215E22a	STWO	49	46	-3	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	1.55
46	6114,285714	3116,8276		1	K	34215K24a	EGWO	6114,285714			K24a	34215K24a	EGWO	49	49	0	-3	46.8	61,162.852	3,773.36	51.2	61,162.852		0.7	-2.35
49	7283,065425	3064,139613		79	K	34215K24a	STWO	7283,065425	4075,908353		K24a	34215K24a	STWO	45	44	-1	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	7489,640074	3218,987122		93	K	34215K24b	STWO	7489,640074	4179,423888		K24b	34215K24b	STWO	45	45	0	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
48	6886,694678	3837,661892		3	K	34215K24c	EGWO	6886,694678	3013,698063		K24c	34215K24c	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	7470,069801	3194,646736		76	K	34215K24c	STWO	7470,069801	4113,51111		K24c	34215K24c	STWO	45	45	0	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	7328,825956	2652,127733		28	K	34215K24e	STWO	7328,825956	3804,471126		K24e	34215K24e	STWO	43	42	-1	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	8745,945946	3646,9542		2	K	34215K47b	EGWO	8745,945946	3419,327092		K47b	34215K47b	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	5486,213122	3228,406172		6	K	34215K47b	STWO	5486,213122	4285,607587		K47b	34215K47b	STWO		48			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	8971,329934	2538,71215		12	K	34258K48f	EGWO	8971,329934	3143,627724		K48f	34258K48f	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	7202,066226	3246,296126		171	K	34258K48f	STWO	7202,066226	4002,222596		K48f	34258K48f	STWO	46	44	-2	3	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	1.55
49	7787,88849	2789,307352		162	K	34258K49f	STWO	7787,88849	3997,287625		K49f	34258K49f	STWO	49	49	0	0	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
	12218,75	4055,584519		2	K	34266K48d	EGWO	12218,75			K48d	34266K48d	EGWO						61,162.852	3,773.36	51.2	61,162.852			
43	7469,593077	4260,410896		100	K	34266K48d	STWO	7469,593077	4122,625395		K48d	34266K48d	STWO	47	45	-2	-4	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
49	6767,657413	3073,86238		95	K	34266K48f	STWO	6767,657413	3903,061526		K48f	34266K48f	STWO	44	42	-2	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
48	6784,067489	3527,668586		50	K	34282K48c	STWO	6784,067489	4148,124428		K48c	34282K48c	STWO	40	39	-1	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
49	6406,711051	3168,191742		96	K	34282K48f	STWO	6406,711051	3874,985187		K48f	34282K48f	STWO	41	39	-2	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
49	11160,15678	3347,681756		9	K	34282K49a	EGWO	11160,15678			K49a	34282K49a	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852			
49	6736,590581	2499,307367		3	K	34282K49a	STWO	6736,590581	3831,832112		K49a	34282K49a	STWO	48	47	-1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	8991,398637	2453,922572		24	K	34282K49b	EGWO	8991,398637	3241,623168		K49b	34282K49b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7115,026204	2698,057405		22	K	34282K49b	STWO	7115,026204	3863,886201		K49b	34282K49b	STWO	46	46	0	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6928,661672	2637,55727		133	K	34282K49e	STWO	6928,661672	3827,983941		K49e	34282K49e	STWO	47	45	-2	2	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	1.55
49	6988,41842	2584,814427		103	K	34282K49f	STWO	6988,41842	3810,238363		K49f	34282K49f	STWO	47	46	-1	2	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	1.55
9	3257,126769	2986,772167		80	N	34320N66f	STWO	3257,126769	2934,961849		N66f	34320N66f	STWO	7	10	3	2	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
49	7054,279017	3366,199206		118	E	34339E21a	STWO	7054,279017	4117,178312		E21a	34339E21a	STWO	41	41	0	8	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
49	7209,235751	3568,579346		172	E	34347E21a	STWO	7209,235751	4147,626615		E21a	34347E21a	STWO	43	42	-1	6	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
44	4257,478632	2373,58		16	N	34398N70a	EGWO	4257,478632	2337,100611		N70a	34398N70a	EGWO	38	45	7	6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
49	4955,323027	2551,231392		16	N	34398N70b	EGWO	4955,323027	2515,482541		N70b	34398N70b	EGWO	40	49	9	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
21	4066,282165	3375,480696		137	N	34398N70b	STWO	4066,282165	3296,908295		N70b	34398N70b	STWO	17	19	2	4	20.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	5.45
33	5358,134921	3680,799228		2	N	34452N65b	EGWO	5358,134921	3602,645183		N65b	34452N65b	EGWO	24	36	12	9	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	9.35
32	6755,429579	4634,153116		5	A	34460A00d	STWO	6755,429579	4129,400901		A00d	34460A00d	STWO	40	39	-1	-8	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
26	5034,656684	4208,046602		7	N	34479N66c	EGWO	5034,656684	3252,383153		N66c	34479N66c	EGWO	30	35	5	-4	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-2.35
39	4721,190399	2854,196055		25	N	34487N67a	EGWO	4721,190399	2689,826563		N67a	34487N67a	EGWO	35	42	7	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
31	4427,944537	3023,973978		52	N	34487N67a	STWO	4427,944537	3465,809429		N67a	34487N67a	STWO	18	21	3	13	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	13.25
49	6450,281999	2509,985299		4	M	34495M55b	EGWO	6450,281999	2694,921128		M55b	34495M55b	EGWO	47	49	2	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
46	6168,034135	3175,193493		154	M	34495M55b	STWO	6168,034135	3544,351818		M55b	34495M55b	STWO	36	38	2	10	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	9.35
30	5033,5341	3514,80105		37	K	34509K91b	STWO	5033,5341	3614,156256		K91b	34509K91b	STWO	30	28	-2	0	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
33	5764,274691	4070,959506		3	N	34517N65b	EGWO	5764,274691	4082,378286		N65b	34517N65b	EGWO	24	36	12	9	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	9.35
49	7218,356943	2781,73746		32	K	34541K52g	EGWO	7218,356943	3021,460829		K52g	34541K52g	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
33	6623,188406	4447,857523		24	K	34541K52g	STWO	6623,188406	4151,890181		K52g	34541K52g	STWO	36	37	1	-3	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
27	3931,897094	2862,0776		25	N	34576N65a	EGWO	3931,897094	2605,747085		N65a	34576N65a	EGWO	20	34	14	7	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	13.9	5.45
17	4756,555944	3415,778539		4	N	34576N65a	STWO	4756,555944	3730,455799		N65a	34576N65a	STWO		14			16	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	7246,690913	3470,291677		235	K	34592K44c	STWO	7246,690913	4190,264541		K44c	34592K44c	STWO	42	42	0	7	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	5.45
25	6553,904791	5054,4129		15	A	34614A00c	STWO	6553,904791	4097,894721		A00c	34614A00c	STWO	36	35	-1	-11	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
35	6419,854404	4110,32642		78	N	34622N67a	EGWO	6419,854404	3723,016163		N67a	34622N67a	EGWO	33	41	8	2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
32	5800	3708		1	N	34622N67a	STWO	5800			N67a	34622N67a	STWO	19	22	3	13	33.6	61,162.852	3,773.36	51.2	61,162.852		2.9	13.25
29	6157,142857	5472,4682		4	A	34649A00a	STWO	6157,142857	4275,292314		A00a	34649A00a	STWO	38	39	1	-9	29.2	61,162.852	7,085.2	51.2	61,162.852	4,711.837	0.7	-10.15
26	6853,255904	5059,505415		8	A	34649A00c	STWO	6853,255904	4160,149949		A00c	34649A00c	STWO	39	39	0	-13	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-14.05
11	3616,142854	3226,904107		76	F	34673F78c	STWO	3616,142854	3156,114394		F78c	34673F78c	STWO	13	13	0	-2	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
27	8114,991353	5907,521634		23	A	34703A01b	STWO	8114,991353	4638,241241		A01b	34703A01b	STWO	43	42	-1	-16	24.8	61,162.852	7,085.2	51.2	61,162.852	4,711.837	-1.5	-14.05
49	7574,155488	3709,94997		202	E	34711E43a	STWO	7574,155488	4305,903463		E43a	34711E43a	STWO	43	43	0	6	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	5.45
33	7330,147444	4840,2961		3	A	34746A01e	EGWO	7330,147444	3657,502687		A01e	34746A01e	EGWO	42	48	6	-9	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-10.15
34	7376,064453	4782,901425		9	A	34746A01e	STWO	7376,064453	4421,53226		A01e	34746A01e	STWO	40	39	-1	-6	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
34	6050,361982	3990,402887		562	M	34754M33c	STWO	6050,361982	3760,227622		M33c	34754M33c	STWO	38	38	0	-4	33.6	61,162.852	3,773.36	553.2	61,162.852	4,711.837	0.7	-2.35
41	6000,457789	3534,158125		125	M	34762M32b	STWO	6000,457789	3732,028872		M32b	34762M32b	STWO	34	37	3	7	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	5.45
47	6548,651137	3453,798804		30	M	34770M31a	STWO	6548,651137	4020,883456		M31a	34770M31a	STWO	38	40	2	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
41	6216,426152	3366,611362		86	M	34770M31b	STWO	6216,426152	3865,302444		M31b	34770M31b	STWO	37	37	0	4	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
33	5484,668192	3427,449697		259	M	34770M31c	STWO	5484,668192	3709,697462		M31c	34770M31c	STWO	32	30	-2	1	33.6	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	1.55
35	6320,637803	4136,301565		86	M	34770M32b	STWO	6320,637803	4046,876579		M32b	34770M32b	STWO	34	36	2	1	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
49	6200,334873	2727,897442		24	E	34800E43a	STWO	6200,334873	3687,589541		E43a	34800E43a	STWO	40	40	0	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	7050,358392	3096,086875		75	E	34800E43b	STWO	7050,358392	3945,66806		E43b	34800E43b	STWO	44	44	0	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	6461,991856	2943,925439		34	K	34800K44a	STWO	6461,991856	3835,566487		K44a	34800K44a	STWO	41	40	-1	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
47	5666,13814	3673,896084		47	K	34800K44b	STWO	5666,13814	3756,287718		K44b	34800K44b	STWO	37	37	0	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	5946,055591	2883,770128		23	E	34819E43a	STWO	5946,055591	3688,110762		E43a	34819E43a	STWO	37	38	1	12	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
47	4390,65167	2309,75375		8	F	34827F86b	EGWO	4390,65167	2326,482485		F86b	34827F86b	EGWO	38	47	9	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
34	5800,680564	3818,667431		46	F	34827F86b	STWO	5800,680564	3547,73531		F86b	34827F86b	STWO		26			33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	6768,482397	3291,92906		219	M	34843M27a	STWO	6768,482397	3995,344739		M27a	34843M27a	STWO	43	41	-2	6	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	5.45
46	7311,222798	3530,326765		6	N	34886N73h	EGWO	7311,222798	3612,156231		N73h	34886N73h	EGWO	43	49	6	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
46	5576,791809			1	N	34894N73h	EGWO	5576,791809			N73h	34894N73h	EGWO	43	49	6	3	46.8	61,162.852		51.2	61,162.852		5.1	1.55
32	6685,483455	4392,159343		14	A	34924A01g	STWO	6685,483455	3934,587089		A01g	34924A01g	STWO	38	38	0	-6	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
49	6971,160189	3360,4887		22	K	34959K26b	STWO	6971,160189	4044,936534		K26b	34959K26b	STWO	44	42	-2	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45

32	6388,426813	3267,07278	[redacted]	22	E	34975E13b	STWO	6267,331117	3927,83205	[redacted]	E13b	34975E13b	STWO	39	38	-1	-7	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
24	5362,637363	3969,5927		1	A	34991A01b	EGWO	5362,637363	2733,790983		A01b	34991A01b	EGWO	38	47	9	-14	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	-14.05
29	7539,172576	5386,00787		7	A	34991A01b	STWO	7539,172576	4501,542285		A01b	34991A01b	STWO	41	40	-1	-12	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
26	4180,726911	3164,532174		47	K	35017K90c	STWO	4180,726911	3265,969767		K90c	35017K90c	STWO	26	22	-4	0	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	1.55
27	3939,219764	2863,966667		15	N	35033N65a	EGWO	3939,219764	2591,909281		N65a	35033N65a	EGWO	21	34	13	6	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	13.9	5.45
17	4340,909091	3388,155281		2	N	35033N65a	STWO	4340,909091	3663,893934		N65a	35033N65a	STWO		14			16	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
47	6857,093157	3621,584881		196	E	35041E18b	STWO	6857,093157	4165,595579		E18b	35041E18b	STWO	39	39	0	8	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
31	6051,27171	4453,645522		41	E	35041E19b	STWO	6051,27171	3983,554479		E19b	35041E19b	STWO	29	32	3	2	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
49	7626,424996	2374,438055		9	K	35068K47a	STWO	7626,424996	3884,664974		K47a	35068K47a	STWO		48			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
26	5438,650456	4040,08613		46	K	35076K90c	STWO	5438,650456	3777,354378		K90c	35076K90c	STWO	29	29	0	-3	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	6992,358964	3481,074193		69	E	35092E17a	STWO	6992,358964	3949,457837		E17a	35092E17a	STWO	43	43	0	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
23	4734,23447	3669,8825		36	K	35106K90c	STWO	4734,23447	3534,679004		K90c	35106K90c	STWO	26	25	-1	-3	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
46	7474,166993	4076,317239		5	N	35130N73h	EGWO	7474,166993	3670,302527		N73h	35130N73h	EGWO	43	49	6	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
42	5649,678217	3240,648254		66	M	35149M32a	STWO	5649,678217	3790,442058		M32a	35149M32a	STWO	32	33	1	10	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
31	3910,289714	2692,69271		18	F	35157F83a	EGWO	3910,289714	2418,389651		F83a	35157F83a	EGWO	30	38	8	1	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
40	5620,422602	3298,830028		15	N	35165N63a	EGWO	5620,422602	3282,813196		N63a	35165N63a	EGWO	34	40	6	6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
49	8411,047606	3142,42091		30	E	35173E22a	STWO	8378,047262	4241,864578		E22a	35173E22a	STWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
40	5540,740741	3356,301948		9	N	35181N63a	EGWO	5540,740741	3277,899009		N63a	35181N63a	EGWO	35	40	5	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
40	5557,656375	3254,538962		47	N	35203N63a	EGWO	5557,656375	3183,160499		N63a	35203N63a	EGWO	37	40	3	3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
41	5576,871707	3772,604831		4	F	35246F89a	EGWO	5576,871707	2945,61347		F89a	35246F89a	EGWO	33	44	11	8	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	9.35
33	5241,040681	3470,439857		89	F	35270F86b	STWO	5227,25134	3504,16784		F86b	35270F86b	STWO		26			33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
5	4073,044856	4371,854872		24	F	35297F76b	STWO	4073,044856	3699,477823		F76b	35297F76b	STWO	7	11	4	-2	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
31	4470,510309	3077,321662		46	F	35300F89b	EGWO	4470,510309	2834,5269		F89b	35300F89b	EGWO	29	36	7	2	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
12	4590,163642	4258,185629		96	F	35300F89b	STWO	4590,163642	3657,141422		F89b	35300F89b	STWO	18	18	0	-6	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
49	7246,855832	3255,354722		4	K	35319K44a	STWO	7246,855832	4054,503875		K44a	35319K44a	STWO	41	42	1	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	7380,964542	3557,293418		122	K	35319K44b	STWO	7380,964542	4234,117928		K44b	35319K44b	STWO	42	43	1	7	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
48	6733,555963	3448,977088		42	K	35319K44e	STWO	6733,555963	4025,514824		K44e	35319K44e	STWO	42	39	-3	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	5.45
48	6189,187427	3206,904128		65	E	35327E38c	STWO	6189,187427	3995,930769		E38c	35327E38c	STWO	35	35	0	13	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
46	6397,658797	3418,816163		33	K	35335K26c	STWO	6397,658797	4013,109217		K26c	35335K26c	STWO	43	37	-6	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-5.9	1.55
47	6362,099279	3343,516585		33	K	35343K26c	STWO	6362,099279	3968,971076		K26c	35343K26c	STWO	42	38	-4	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	5.45
49	8170,594249	3987,212355		48	K	35351K48b	STWO	8170,594249	4502,512029		K48b	35351K48b	STWO	46	45	-1	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
30	5151,661179	3532,28909		37	F	35386F77f	EGWO	5151,661179	2988,724163		F77f	35386F77f	EGWO	25	33	8	5	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
29	4090,901407	2916,312664		20	F	35394F77f	EGWO	4090,901407	2620,922787		F77f	35394F77f	EGWO	27	36	9	2	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
45	7926,564528	4403,4154		19	A	35416A03c	STWO	7926,564528	4357,494863		A03c	35416A03c	STWO	45	45	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
40	8004,006971	5005,52045		7	A	35416A03e	STWO	8004,006971	4489,406379		A03e	35416A03e	STWO	43	44	1	-3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
28	4819,178966	3577,751647		88	F	35432F86b	STWO	4819,178966	3593,143368		F86b	35432F86b	STWO	25	27	2	3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
48	7809,068133	3981,740032		21	A	35440A06k	EGWO	7809,068133	3493,451397		A06k	35440A06k	EGWO	49	49	0	-1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
39	8052,237717	4930,103783		26	A	35440A06k	STWO	8052,237717	4469,020328		A06k	35440A06k	STWO	44	44	0	-5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
40	5637,565308	3100,832265		62	M	35459M32b	STWO	5637,565308	3692,111909		M32b	35459M32b	STWO	33	34	1	7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
40	5730,769231	3570,085981		8	N	35467N63a	EGWO	5730,769231	3515,407403		N63a	35467N63a	EGWO	31	40	9	9	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
49	5998,463619	2993,810096		25	E	35475E38c	STWO	5998,463619	3846,440083		E38c	35475E38c	STWO	35	36	1	14	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
49	6839,496192	3231,682236		205	M	35483M28a	STWO	6839,496192	4204,841954		M28a	35483M28a	STWO	37	38	1	12	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	13.25
42	6463,107649	3757,525522		52	M	35491M31a	STWO	6447,508706	3903,602102		M31a	35491M31a	STWO	40	40	0	2	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
47	6869,621183	3527,503656		15	M	35505M31a	STWO	6869,621183	4136,117094		M31a	35505M31a	STWO	39	40	1	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	7458,298671	2600,030854		61	K	35513K49e	STWO	7458,298671	3901,143808		K49e	35513K49e	STWO	49	48	-1	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	9632,206222	2400,582671		7	K	35521K49d	EGWO	9632,206222	3387,630005		K49d	35521K49d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7082,927386	2571,726229		65	K	35521K49d	STWO	7082,927386	3891,214067		K49d	35521K49d	STWO	49	47	-2	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
8	3235,125054	2983,10191		77	N	35556N66f	STWO	3235,125054	2922,246786		N66f	35556N66f	STWO	7	10	3	1	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
49	6099,638344	2847,827213		34	E	35564E37d	STWO	6099,638344	3763,782772		E37d	35564E37d	STWO	39	38	-1	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
	2078,82901	3346,135		8	K	35572K90e	EGWO	2078,82901			K90e	35572K90e	EGWO						61,162.852	3,773.36	51.2	61,162.852			
30	3357,838983	2495,980625		16	F	35602F77c	EGWO	3357,838983	2243,459551		F77c	35602F77c	EGWO	24	36	12	6	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
49	7165,871696	3497,849295		18	E	35610E18a	STWO	7165,871696	4180,118294		E18a	35610E18a	STWO	42	42	0	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	7534,619082	3422,703558		18	K	35629K25b	STWO	7534,619082	4197,366564		K25b	35629K25b	STWO	45	44	-1	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
	5707,692308	2400,1169		1	K	35629K26b	EGWO	5707,692308	2406,603302		K26b	35629K26b	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	6920,236511	3311,006839		15	K	35629K26b	STWO	6920,236511	4048,136953		K26b	35629K26b	STWO	43	41	-2	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
43	6858,257784	3981,833285		132	E	35645E18b	STWO	6858,257784	3999,888202		E18b	35645E18b	STWO	41	41	0	2	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
31	6069,764229	4376,263217		26	E	35645E19b	STWO	6069,764229	3979,577422		E19b	35645E19b	STWO	31	34	3	0	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
49	7596,517179	3571,789069		91	K	35661K25a	STWO	7596,517179	4193,796767		K25a	35661K25a	STWO	43	43	0	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	7930,347336	3727,785607		54	K	35661K25b	STWO	7930,347336	4308,686017		K25b	35661K25b	STWO	45	44	-1	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	6897,077898	3531,663168		104	K	35661K26a	STWO	6897,077898	4188,003237		K26a	35661K26a	STWO	40	39	-1	9	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	9.35
49	7163,484875	3583,293081		133	K	35661K26b	STWO	7147,921418	4107,962826		K26b	35661K26b	STWO	43	43	0	6	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
31	4362,341772	3004,01095		16	N	35688N65c	EGWO	4362,341772	2802,962153		N65c	35688N65c	EGWO	29	36	7	2	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
33	4836,956522	2599,4542		1	M	35696M31c	STWO	4836,956522	3361,471043		M31c	35696M31c	STWO	30	30	0	3	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
23	4960,152754	4246,160514		47	K	35718K91c	STWO	4960,152754	3820,184809		K91c	35718K91c	STWO	27	23	-4	-4	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-2.35
38	4446,766169	2426,115658		10	F	35734F78b	EGWO	4446,766169	2286,147395		F78b	35734F78b	EGWO	34	43	9	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
31	3736,842105	2162,924315		1	F	35734F78b	STWO	3736,842105	3071,480687		F78b	35734F78b	STWO	20	24	4	11	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
8	3250,627535	3026,443745		80	N	35750N66f	STWO	3250,627535	2939,010046		N66f	35750N66f	STWO	7	10	3	1	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
30	6410,526316	4725,2222		1	A	35769A01d	EGWO	6410,526316	3584,293098		A01d	35769A01d	EGWO	43	48	5	-13	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-14.05
29	6700,568182	4794,4918		6	A	35769A01d	STWO	6700,568182	4059,110349		A01d	35769A01d	STWO	41	39	-2	-12	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
46	6118,418257	3255,143049		11	N	35777N73h	EGWO	6118,418257	3201,656777		N73h	35777N73h	EGWO	43	48	5	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
49	6125	2782,84		4	E	35807E41b	STWO	6125	3768,391987		E41b	35807E41b	STWO	37	37	0	12	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
49	5772,404886	2608,35964		6	M	35815M55g	EGWO	5772,404886	2638,440267		M55g	35815M55g	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6478,980988	3206,962663		20	M	35815M55g	STWO	6478,980988	3899,347039		M55g	35815M55g	STWO	38	40	2	11	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
22	5335,574953	4384,682798		16	F	35823F89a	STWO	5335,574953	3714,035901		F89a	35823F89a	STWO	23	26	3	-1	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
49	6084,615385	2647,943531		1	M	35858M30a	EGWO	6084,615385	2604,045609		M30a	35858M30a	EGWO	45	49	4	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
48	6440,855674	3317,618333		66	M	35858M30a	STWO	6440,855674	3947,953234		M30a	35858M30a	STWO	37	38	1	11	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	6245,806507	2741,992225		16	M	35858M30b	EGWO	5852,474239	2551,081292		M30b	35858M30b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6913,958148	3271,656445		86	M	35858M30b	STWO	6913,958148	3960,919481		M30b	35858M30b	STWO	42	42	0	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	6764,68177	3443,096234		262	M	35874M30b	STWO	6764,68177	4083,949985		M30b	35874M30b	STWO	39	40	1	10	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	9.35
49	8317,647059	4840,2961		1	A	35882A02c	EGWO	8317,647059	4100,573219		A02c	35882A02c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
6	3831,22807	3835,848365		48	N	35890N70a	STWO	3831,22807	3446,961118		N70a	35890N70a	STWO	7	10	3	-1	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
38	4139,704507	2586,085563		9	F	35920F78a	EGWO	4139,704507	2392,936607		F78a	35920F78a	EGWO	35	42	7	3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
9	3751,825397	3399,355333		30	F	35920F78a	STWO	3751,825397	3197,321928		F78a	35920F78a	STWO	11	15	4	-2	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35

33	3315,789097	2231,03375	[redacted]	8	F	35920F78b	EGWO	3315,789097	1974,09097	[redacted]	F78b	35920F78b	EGWO	29	38	9	4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
30	4838,345288	3344,7913		49	F	35920F78b	STWO	4838,345288	3525,309321		F78b	35920F78b	STWO	21	27	6	9	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	9.35
49	6623,572143	2833,320379		29	K	35939K52d	STWO	6623,572143	3812,796404		K52d	35939K52d	STWO	41	42	1	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	6597,069914	2990,692161		83	K	35939K54a	STWO	6597,069914	3847,995703		K54a	35939K54a	STWO	41	42	1	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
	6150	3669,4026		1	K	35939K54b	EGWO	6150	2906,70523		K54b	35939K54b	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	7029,582992	3509,422401		34	K	35939K54b	STWO	7029,582992	4126,370055		K54b	35939K54b	STWO	41	41	0	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
44	6042,539458	3084,33824		81	E	35955E37c	STWO	6042,539458	3880,335743		E37c	35955E37c	STWO	35	36	1	9	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
46	6147,746141	3335,571516		139	M	35963M30a	STWO	6147,746141	3875,867795		M30a	35963M30a	STWO	36	37	1	10	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
45	6790,282569	3703,475832		110	M	35963M30b	STWO	6790,282569	3998,283817		M30b	35963M30b	STWO	40	41	1	5	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
44	5670,756455	3167,237449		129	M	35971M57a	STWO	5670,756455	3822,393428		M57a	35971M57a	STWO	30	32	2	14	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	13.25
40	8026,697037	4656,788581		17	A	35998A06l	EGWO	8026,697037	3791,709616		A06l	35998A06l	EGWO	47	49	2	-7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
42	7638,622454	4380,629371		147	A	35998A06l	STWO	7638,622454	4263,101952		A06l	35998A06l	STWO	43	43	0	-1	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-2.35
49	7146,263837	3582,049248		88	K	36021K48c	STWO	7146,263837	4217,151864		K48c	36021K48c	STWO	43	41	-2	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
32	7429,251896	5462,925093		11	A	36048A09i	STWO	7429,251896	4503,845998		A09i	36048A09i	STWO	39	39	0	-7	33.6	61,162.852	7,085.2	51.2	61,162.852	4,711.837	0.7	-6.25
9	3683,408121	4135,820787		73	F	36056F81c	STWO	3683,408121	3529,545433		F81c	36056F81c	STWO	9	12	3	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
14	3643,620321	3319,456111		56	F	36056F82b	STWO	3643,620321	3149,322571		F82b	36056F82b	STWO	12	14	2	2	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
5	3203,57958	3253,594479		96	F	36056F82c	STWO	3203,57958	3069,396512		F82c	36056F82c	STWO	6	7	1	-1	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
13	4201,396369	3945,578758		24	F	36064F89a	STWO	4201,396369	3550,902031		F89a	36064F89a	STWO	13	16	3	0	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
43	5684,932389	3225,628352		60	E	36072E38c	STWO	5684,932389	3904,249264		E38c	36072E38c	STWO	33	31	-2	10	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
26	3922,28612	2896,313889		18	N	36080N65a	EGWO	3922,28612	2632,782099		N65a	36080N65a	EGWO	20	33	13	6	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	13.9	5.45
49	7606,735212	2826,55503		10	K	36099K52g	EGWO	7606,735212	3030,179897		K52g	36099K52g	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
36	6818,761938	4348,873718		16	N	36110N67a	EGWO	6818,761938	4099,034616		N67a	36110N67a	EGWO	35	40	5	1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
27	4467,273145	3296,620487		28	F	36145F89c	STWO	4467,273145	3426,717314		F89c	36145F89c	STWO	23	25	2	4	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
9	4239,861111	4209,389111		36	F	36153F85b	STWO	4239,861111	3642,822515		F85b	36153F85b	STWO	11	14	3	-2	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
40	6836,363636	4504,27		1	N	36188N73d	EGWO	6836,363636	3876,682991		N73d	36188N73d	EGWO	40	47	7	0	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
49	6977,575454	3117,702714		168	K	36196K52b	STWO	6977,575454	3981,732596		K52b	36196K52b	STWO	43	43	0	6	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
49	7056,565942	4759,328797		75	K	36196K52c	STWO	7056,565942	4067,669281		K52c	36196K52c	STWO	44	43	-1	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	6847,516624	3204,220971		31	K	36196K52d	STWO	6847,516624	3984,440302		K52d	36196K52d	STWO	41	42	1	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	6564,346956	3185,426767		40	K	36196K54a	STWO	6564,346956	3902,199889		K54a	36196K54a	STWO	40	40	0	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	6911,245019	3513,338515		268	K	36196K54b	STWO	6911,245019	4112,790393		K54b	36196K54b	STWO	41	41	0	8	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	9.35
49	6524,668542	3176,608152		39	K	36196K54c	STWO	6524,668542	3932,727458		K54c	36196K54c	STWO	39	40	1	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	7285,793535	3738,625012		36	K	36196K54d	STWO	7285,793535	4228,781308		K54d	36196K54d	STWO	42	41	-1	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	6227,774511	3084,485268		107	K	36226K53b	STWO	6227,774511	3754,65899		K53b	36226K53b	STWO	39	40	1	10	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
33	5506,530666	3686,097297		31	N	36250N65b	EGWO	5506,530666	3579,302861		N65b	36250N65b	EGWO	27	35	8	6	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
40	5527,797862	3236,038045		18	N	36269N63a	EGWO	5527,797862	3218,192623		N63a	36269N63a	EGWO	36	40	4	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
49	8503,578618	4301,236575		23	A	36293A07g	EGWO	8503,578618	3667,198243		A07g	36293A07g	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
46	7884,927622	4296,861998		253	A	36293A07g	STWO	7884,927622	4317,813731		A07g	36293A07g	STWO	45	45	0	1	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	1.55
42	7743,279861	4518,676338		110	A	36307A03d	STWO	7743,279861	4336,841615		A03d	36307A03d	STWO	44	44	0	-2	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-2.35
40	7820,646136	4927,435442		13	A	36307A03e	STWO	7820,646136	4435,462604		A03e	36307A03e	STWO	43	43	0	-3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
39	7655,412619	4733,229427		44	A	36307A07g	STWO	7655,412619	4312,704993		A07g	36307A07g	STWO	43	43	0	-4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	7674,955575	3626,146738		32	E	36315E18a	STWO	7674,955575	4283,271874		E18a	36315E18a	STWO	43	43	0	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	7509,009115	2834,965952		64	K	36323K47a	STWO	7509,009115	4014,823853		K47a	36323K47a	STWO	48	47	-1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	7607,798736	2784,49616		17	K	36323K47b	STWO	7607,798736	4000,080916		K47b	36323K47b	STWO	48	47	-1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	8244,943037	3096,629746		76	K	36323K47c	STWO	8244,943037	4227,181837		K47c	36323K47c	STWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	7662,230836	3021,532202		97	K	36323K47f	STWO	7662,230836	4111,321938		K47f	36323K47f	STWO	48	47	-1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	5284,826084	2782,675977		13	K	36323K47j	STWO	5284,826084	3505,580641		K47j	36323K47j	STWO	42	41	-1	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	7269,498828	3475,648717		58	E	36366E14e	STWO	7269,498828	4248,675906		E14e	36366E14e	STWO	41	41	0	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
24	5684,361262	4313,086046		112	E	36374E14c	STWO	5684,361262	3892,783433		E14c	36374E14c	STWO	28	31	3	-4	24.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	-2.35
44	6676,199385	3811,365963		100	E	36374E14d	STWO	6676,199385	4186,78696		E14d	36374E14d	STWO	36	37	1	8	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	7389,256877	3417,836911		116	E	36374E14e	STWO	7389,256877	4214,459169		E14e	36374E14e	STWO	43	43	0	6	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
49	7271,570657	3688,697258		47	E	36382E14d	STWO	7271,570657	4333,361806		E14d	36382E14d	STWO	40	40	0	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	7459,176432	3676,72028		85	E	36382E14e	STWO	7459,176432	4363,904115		E14e	36382E14e	STWO	41	41	0	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	4774,172313	2533,973615		34	K	36390K90c	EGWO	4774,172313	2626,379611		K90c	36390K90c	EGWO	43	47	4	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
31	5398,46994	3716,647625		72	K	36390K90c	STWO	5398,46994	3893,710174		K90c	36390K90c	STWO	29	28	-1	2	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	4613,325794	2364,316198		49	K	36390K91c	EGWO	4613,325794	2511,288996		K91c	36390K91c	EGWO	43	47	4	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
30	5247,363183	3667,920164		148	K	36390K91c	STWO	5247,363183	3855,140736		K91c	36390K91c	STWO	29	26	-3	1	29.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-3.7	1.55
49	7718,695636	3761,330039		193	E	36404E14e	STWO	7718,695636	4459,282306		E14e	36404E14e	STWO	41	42	1	8	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
49	7510,731533	3566,362758		124	E	36404E14f	STWO	7480,300713	4287,609391		E14f	36404E14f	STWO	43	43	0	6	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
48	6729,031083	3556,597142		29	E	36412E75d	STWO	6729,031083	4122,515441		E75d	36412E75d	STWO	38	40	2	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
49	9756,526863	3457,759592		41	K	36420K47c	EGWO	9756,526863	3642,427511		K47c	36420K47c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	8547,273423	3151,357806		39	K	36420K47c	STWO	8547,273423	4270,818712		K47c	36420K47c	STWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	9573,562965	3260,68316		21	K	36420K47d	EGWO	9573,562965	3543,002862		K47d	36420K47d	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
	8513,001531	2935,937035		234	K	36420K47d	STWO	8513,001531	4193,949294		K47d	36420K47d	STWO						61,162.852	3,773.36	252	61,162.852	4,711.837		
49	5451,080786	2451,641152		38	K	36439K90d	EGWO	5451,080786	2596,715154		K90d	36439K90d	EGWO	47	49	2	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
49	7032,319229			4	K	36439K90i	EGWO	7032,319229			K90i	36439K90i	EGWO	49	49	0	0	46.8	61,162.852		51.2	61,162.852		0.7	1.55
27	5460,731835	3942,860053		36	E	36447E14c	STWO	5460,731835	3893,626951		E14c	36447E14c	STWO	27	29	2	0	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
49	7405,555556	3486,4394		3	K	36455K25b	STWO	7405,555556	4167,098595		K25b	36455K25b	STWO	44	43	-1	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	7030,703566	3330,212763		21	K	36455K25c	STWO	7030,703566	4098,362871		K25c	36455K25c	STWO	43	42	-1	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	6619,83924	2960,951426		8	K	36455K26c	STWO	6619,83924	3803,873011		K26c	36455K26c	STWO	43	42	-1	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
48	6454,835231	3373,775077		113	E	36463E14d	STWO	6454,835231	4039,470426		E14d	36463E14d	STWO	37	37	0	11	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
49	7229,869186	3637,807336		94	E	36463E14e	STWO	7229,869186	4319,148136		E14e	36463E14e	STWO	40	40	0	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
28	5777,777778	2789,0575		1	M	36471M55i	STWO	5777,777778	3628,177998		M55i	36471M55i	STWO	34	34	0	-6	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
41	5573,613911	3292,544189		10	N	36501N60a	STWO	5573,613911	3750,989603		N60a	36501N60a	STWO	31	32	1	10	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
31	5348,741023	3673,980472		106	F	36528F86f	STWO	5348,741023	4084,063476		F86f	36528F86f	STWO	22	24	2	9	29.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	9.35
49	7743,324392	2957,308707		8	K	36536K47b	STWO	7743,324392	4161,598938		K47b	36536K47b	STWO		47			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
41	5687,674672	3469,650748		23	E	36552E13a	STWO	5687,674672	3894,750411		E13a	36552E13a	STWO	39	33	-6	2	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-5.9	1.55
49	10372,23557	2388,766357		9	K	36587K47c	EGWO	10372,23557	3383,686754		K47c	36587K47c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
	8520,574682	2650,174416		51	K	36587K47c	STWO	8520,574682	4007,462311		K47c	36587K47c	STWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	9195,526678	3147,036617		6	K	36595K47c	EGWO	9195,526678	3451,68756		K47c	36595K47c	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
	8108,63213	3220,275416		128	K	36595K47c	STWO	8108,63213	4353,800349		K47c	36595K47c	STWO						61,162.852	3,773.36	151.6	61,162.852	4,711.837		
49	9669,779915	3101,775878		33	K	36595K47d	EGWO	9669,779915			K47d	36595K47d	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852			
	8566,594302	3019,010312		107	K	36595K47d	STWO	8566,594302	4206,413544		K47d	36595K47d	STWO						61,162.852	3,773.36	151.6	61,162.852	4,711.837		
49	7405,488144	3512,524593		10	E	36609E18b	STWO	7405,488144	4222,212671		E18b	36609E18b	STWO	43	43	0	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45

49	6247,721521	3258,335574	[redacted]	149	E	36617E37f	STWO	6247,721521	4009,606094	[redacted]	E37f	36617E37f	STWO	37	36	-1	12	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	13.25
6	4006,570513	4468,800507		120	F	36625F76a	STWO	4006,570513	3738,415372		F76a	36625F76a	STWO	6	7	1	0	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
49	6960,00213	3466,224389		89	E	36633E14e	STWO	6960,00213	4181,430795		E14e	36633E14e	STWO	40	40	0	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	6611,551253	3390,79967		62	E	36633E14f	STWO	6599,222858	3734,856534		E14f	36633E14f	STWO	41	41	0	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
6	4075,92248	4236,659924		96	F	36641F76a	STWO	4075,92248	3664,867904		F76a	36641F76a	STWO	8	10	2	-2	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
47	6696,795511	3522,598837		60	E	36668E13a	STWO	6696,795511	4131,609587		E13a	36668E13a	STWO	41	38	-3	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	5.45
28	5412,787151	3265,131024		469	K	36676K91c	STWO	5412,787151	3765,698196		K91c	36676K91c	STWO	29	27	-2	-1	29.2	61,162.852	3,773.36	452.8	61,162.852	4,711.837	-1.5	-2.35
48	6385,205254	3291,038088		107	K	36684K26c	STWO	6385,205254	3940,500565		K26c	36684K26c	STWO	42	38	-4	6	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-3.7	5.45
49	7069,508144	3292,654018		201	K	36692K25d	STWO	7069,508144	4073,75174		K25d	36692K25d	STWO	44	42	-2	5	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
23	5735,572224	4465,989321		12	E	36714E14c	STWO	5735,572224	3924,85565		E14c	36714E14c	STWO	31	30	-1	-8	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
49	7147,20771	3634,437526		231	E	36714E14d	STWO	7147,20771	4232,755495		E14d	36714E14d	STWO	40	41	1	9	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	9.35
49	7770,570926	3704,296806		95	E	36714E14e	STWO	7770,570926	4422,592648		E14e	36714E14e	STWO	43	43	0	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
	4909,756098	3092,3134		1	E	36722E16b	EGWO	4909,756098			E16b	36722E16b	EGWO						61,162.852	3,773.36	51.2	61,162.852			
49	7555,304478	3837,718403		88	E	36722E16b	STWO	7555,304478	4454,748445		E16b	36722E16b	STWO	40	41	1	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
28	4320,949815	3119,682154		58	F	36730F78b	EGWO	4320,949815	2857,57734		F78b	36730F78b	EGWO	24	34	10	4	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
49	6237,534487	3077,551688		37	E	36749E75a	STWO	6237,534487	3781,836377		E75a	36749E75a	STWO	39	39	0	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
45	6855,128037	3755,665181		52	E	36749E75b	STWO	6855,128037	4134,399384		E75b	36749E75b	STWO	40	40	0	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
46	6490,94831	3499,974127		48	E	36749E75c	STWO	6490,94831	4061,923843		E75c	36749E75c	STWO	38	37	-1	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
35	5538,156896	3266,003517		199	K	36765K90a	STWO	5538,156896	3540,219629		K90a	36765K90a	STWO	37	35	-2	-2	33.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	-2.35
23	4392,758329	3348,710333		80	K	36765K91c	STWO	4392,758329	3311,563913		K91c	36765K91c	STWO	27	24	-3	-4	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-2.35
46	6663,594347	3590,954453		9	E	36773E14d	STWO	6663,594347	4249,921604		E14d	36773E14d	STWO	37	36	-1	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
23	5731,08863	4678,735437		9	E	36781E14c	STWO	5731,08863	3985,352779		E14c	36781E14c	STWO	28	29	1	-5	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
49	6400	3173,1525		1	E	36781E14d	STWO	6400	3889,616715		E14d	36781E14d	STWO	39	40	1	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
45	6495,147262	3568,104873		46	E	36803E13a	STWO	6495,147262	4093,715891		E13a	36803E13a	STWO	41	36	-5	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-5.9	5.45
40	6208,228993	4161,269405		23	M	36846M56c	STWO	6208,228993	3893,018407		M56c	36846M56c	STWO	36	38	2	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
41	6693,09063	4395,88576		26	E	36889E42d	STWO	6693,09063	4149,803358		E42d	36889E42d	STWO	37	37	0	4	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	11584,14443	2391,6099		2	K	36897K47a	EGWO	11584,14443	3626,389345		K47a	36897K47a	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
41	5344,262295	3670,419676		1	F	36900F77d	EGWO	5344,262295	3213,229877		F77d	36900F77d	EGWO	35	43	8	6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
11	3734,939759	3614,44		1	F	36900F77d	STWO	3734,939759	3359,236312		F77d	36900F77d	STWO	10	15	5	1	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
13	4502,719345	3933,072957		73	F	36919F89a	STWO	4502,719345	3629,842599		F89a	36919F89a	STWO	14	19	5	-1	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-2.35
48	6149,010226			60	M	36927M28a	STWO	6149,010226	4388,574447		M28a	36927M28a	STWO	33	34	1	15	46.8	61,162.852		51.2	61,162.852	4,711.837	0.7	13.25
46	5957,674784	3252,013704		42	E	36935E13a	STWO	5957,674784	3863,54987		E13a	36935E13a	STWO	40	35	-5	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-5.9	5.45
26	5856,817268	4321,878372		564	K	36943K90c	STWO	5856,817268	3572,720667		K90c	36943K90c	STWO	30	27	-3	-4	24.8	61,162.852	3,773.36	553.2	61,162.852	4,711.837	-3.7	-2.35
49	4887,959335	2494,587743		42	K	36943K90d	EGWO	4887,959335	2586,008627		K90d	36943K90d	EGWO	43	47	4	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
35	4472,183908	2709,823432		20	K	36943K90d	STWO	4472,183908	3251,455002		K90d	36943K90d	STWO	25	27	2	10	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
27	5978,750719	4336,559279		191	K	36943K91c	STWO	5978,750719	3605,529295		K91c	36943K91c	STWO	29	27	-2	-2	24.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	-2.35
28	6295,997667	4521,928575		95	E	36951E13b	STWO	6295,997667	3990,585937		E13b	36951E13b	STWO	36	36	0	-8	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
40	6693,07275	3869,531241		35	E	36951E13c	STWO	6693,07275	3878,370867		E13c	36951E13c	STWO	41	40	-1	-1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
23	5462,430305	4207,081041		18	E	36978E13b	STWO	5462,430305	3789,028278		E13b	36978E13b	STWO	33	30	-3	-10	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-10.15
43	7167,607818	4096,482896		29	E	36978E13c	STWO	7167,607818	4587,400056		E13c	36978E13c	STWO	37	36	-1	6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	6851,934318	3495,783524		72	E	36986E16a	STWO	6851,934318	4006,344281		E16a	36986E16a	STWO	40	41	1	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
	6550	2356,8344		1	E	36994E16a	EGWO	6550	2596,634308		E16a	36994E16a	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	6959,320074	3238,830229		170	E	36994E16a	STWO	6959,320074	4037,945555		E16a	36994E16a	STWO	41	41	0	8	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
49	7249,168604	3478,450514		329	E	36994E16b	STWO	7249,168604	4158,135977		E16b	36994E16b	STWO	42	43	1	7	46.8	61,162.852	3,773.36	352.4	61,162.852	4,711.837	0.7	5.45
23	4902,860383	3527,406286		52	F	37001F89a	STWO	4902,860383	3437,389941		F89a	37001F89a	STWO	23	26	3	0	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
43	7367,816092	4417,1641		1	K	37028K25a	EGWO	7367,816092	3878,51909		K25a	37028K25a	EGWO	46	49	3	-3	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
49	7637,056261	3693,506669		126	K	37028K25a	STWO	7637,056261	4309,197942		K25a	37028K25a	STWO	44	43	-1	5	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
	4760,450161	3119,83097		1	K	37028K25b	EGWO	4760,450161			K25b	37028K25b	EGWO						61,162.852	3,773.36	51.2	61,162.852			
49	7547,213826	3765,3061		355	K	37028K25b	STWO	7547,213826	4282,789572		K25b	37028K25b	STWO	44	43	-1	5	46.8	61,162.852	3,773.36	352.4	61,162.852	4,711.837	-1.5	5.45
49	7500,115	3700,686734		172	K	37028K25c	STWO	7500,115	4347,088408		K25c	37028K25c	STWO	43	42	-1	6	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
	6317,391304	3420,1242		1	K	37028K25d	EGWO	6317,391304	2748,449918		K25d	37028K25d	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	7490,615658	3578,855016		309	K	37028K25d	STWO	7490,615658	4289,216778		K25d	37028K25d	STWO	44	43	-1	5	46.8	61,162.852	3,773.36	352.4	61,162.852	4,711.837	-1.5	5.45
49	7898,001294	3836,808143		98	E	37036E14f	STWO	7898,001294	4496,095389		E14f	37036E14f	STWO	43	43	0	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
	7739,102041	2967,109032		4	E	37044E14f	EGWO	7739,102041	3318,700561		E14f	37044E14f	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
46	5889,795918	2418,7198		2	E	37044E14f	STWO	6008,800116	3533,306793		E14f	37044E14f	STWO	42	41	-1	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
47	7064,97593	3710,571707		95	E	37052E16b	STWO	7064,97593	4339,568986		E16b	37052E16b	STWO	39	38	-1	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
40	10842,22908	4616,461311		130	E	37052E16c	STWO	10842,22908	3898,639933		E16c	37052E16c	STWO	38	39	1	2	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
49	7368,888479	3653,651907		67	E	37060E43a	STWO	7368,888479	4259,158314		E43a	37060E43a	STWO	42	42	0	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
48	5404,327485	2576,856618		3	E	37087E15c	STWO	5404,327485	3471,692851		E15c	37087E15c	STWO	27	35	8	21	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	21.05
49	6239,180274	3115,365377		150	E	37095E75a	STWO	6239,180274	3801,43958		E75a	37095E75a	STWO	39	39	0	10	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
49	6371,938275	3252,435274		155	E	37095E75c	STWO	6371,938275	3890,277653		E75c	37095E75c	STWO	39	39	0	10	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
46	6757,498268	3632,203066		257	E	37109E42c	STWO	6757,498268	4139,268838		E42c	37109E42c	STWO	38	38	0	8	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	9.35
	6731,884058	2359,7618		1	E	37109E42d	EGWO	6731,884058	2711,324612		E42d	37109E42d	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
48	6741,669157	3476,6645		326	E	37109E42d	STWO	6741,669157	4082,305796		E42d	37109E42d	STWO	39	39	0	9	46.8	61,162.852	3,773.36	352.4	61,162.852	4,711.837	0.7	9.35
19	4119,202075	3218,260275		60	F	37117F81c	STWO	4119,202075	3276,604662		F81c	37117F81c	STWO	14	17	3	5	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
44	5730,25592	3205,238442		41	M	37125M29b	STWO	5730,25592	3757,910627		M29b	37125M29b	STWO	37	34	-3	7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	5.45
49	6666,39901	3178,043918		61	K	37133K48f	STWO	6666,39901	3908,137646		K48f	37133K48f	STWO	43	41	-2	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	6733,641424	3126,988533		385	K	37141K48f	STWO	6733,641424	3909,064672		K48f	37141K48f	STWO	44	42	-2	5	46.8	61,162.852	3,773.36	352.4	61,162.852	4,711.837	-1.5	5.45
49	6722,582383	3328,490666		397	E	37168E43b	STWO	6722,582383	4014,69703		E43b	37168E43b	STWO	40	40	0	9	46.8	61,162.852	3,773.36	352.4	61,162.852	4,711.837	0.7	9.35
49	7283,049702	3386,932699		105	K	37176K24a	STWO	7283,049702	4178,086279		K24a	37176K24a	STWO	43	42	-1	6	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
49	6864,300238	3188,081326		122	K	37176K24e	STWO	6864,300238	4005,272102		K24e	37176K24e	STWO	42	42	0	7	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
49	6971,565989	3285,046412		106	K	37176K25a	STWO	6971,565989	4069,782464		K25a	37176K25a	STWO	42	41	-1	7	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
49	7210,92347	3339,228301		85	K	37176K25b	STWO	7210,92347	4144,828182		K25b	37176K25b	STWO	43	43	0	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
47	6065,197878	3206,408616		83	K	37176K26a	STWO	6065,197878	3828,851321		K26a	37176K26a	STWO	37	37	0	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	6668,331414	3254,596348		57	K	37176K26b	STWO	6668,331414	3966,60517		K26b	37176K26b	STWO	42	40	-2	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	5344,746377	2544,054916		2	M	37184M30a	EGWO	5344,746377	2507,596752		M30a	37184M30a	EGWO	45	49	4	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
43	5402,614478	3087,37878		10	M	37184M30a	STWO	5402,614478	3684,926546		M30a	37184M30a	STWO	33	32	-1	10	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
49	7326,114933	2770,297896		10	K	37192K45b	EGWO	7326,114933	2980,633288		K45b	37192K45b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7248,510712	3559,669454		116	K	37192K45b	STWO	7248,510712	4254,016494		K45b	37192K45b	STWO	41	41	0	8	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
37	5771,1344	4098,74695		2	A	37206A08b	EGWO	5771,1344	2909,104006		A08b	37206A08b	EGWO					38	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
40	6862,981031	4139,755553		71	A	37206A08b	STWO	6862,981031	4125,450522		A08b	37206A08b	STWO	38	39	1	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
38	6612,605229	3363,76743		17	M	37214M31c	STWO	6612,605229	3989,067782		M31c	37214M31c	STWO	35	35	0	3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
45	6979,552607	3599,329569		128	M	37214M32b	STWO	6979,552607	4116,886203		M32b	37214M32b	STWO	40	41	1	5	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45

	7730,30303	4710,2561	[redacted]	2	M	37214M32d	EGWO	7730,30303	3818,078417	[redacted]	M32d	37214M32d	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837							
49	4110,464419	2647,665818		37	K	37222K46a	STWO	4110,464419	4071,697607		K46a	37222K46a	STWO					46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837							
	9922,887329	3156,66125		5	K	37222K46b	EGWO	9922,887329			K46b	37222K46b	EGWO						61,162.852	3,773.36	51.2	61,162.852								
49	8375,194033	2973,219192		27	K	37222K46b	STWO	8375,194033	4216,788079		K46b	37222K46b	STWO	49	48	-1	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55					
49	16275	5131,9263		1	K	37230K46a	EGWO	16275	6080,405236		K46a	37230K46a	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837							
49	17586,14838	4217,377844		180	K	37230K46a	STWO	17586,14838	7040,004279		K46a	37230K46a	STWO	49	49	0	0	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55					
49	7823,570406	2801,053609		275	K	37230K46b	STWO	7823,570406	4083,176462		K46b	37230K46b	STWO	49	48	-1	0	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	1.55					
49	8385,40286	3250,559008		4	K	37230K47d	EGWO	8385,40286	3796,639263		K47d	37230K47d	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837							
49	8291,770511	2795,717024		177	K	37230K47d	STWO	8291,770511	4113,943868		K47d	37230K47d	STWO	49	49	0	0	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55					
49	7909,079729	2918,205586		16	K	37249K46b	STWO	7909,079729	4244,54289		K46b	37249K46b	STWO	49	48	-1	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55					
49	7241,097015	3700,474027		218	A	37257A04f	STWO	7241,097015	3996,551393		A04f	37257A04f	STWO	44	45	1	5	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	5.45					
45	6645,413528	3093,642202		102	A	37257A04g	STWO	6645,413528	3790,579668		A04g	37257A04g	STWO	39	43	4	6	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	5.45					
22	4865,780258	3765,911333		64	K	37273K90c	STWO	4865,780258	3636,403787		K90c	37273K90c	STWO	28	25	-3	-6	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-6.25					
27	5317,826229	3867,236501		162	K	37303K90a	STWO	5317,826229	3700,845468		K90a	37303K90a	STWO	31	28	-3	-4	24.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-3.7	-2.35					
	4435,37415	3275,0573		1	K	37311K44f	STWO	4435,37415			K44f	37311K44f	STWO						61,162.852	3,773.36	51.2	61,162.852								
49	5906,665346	2374,216767		6	M	37338M55h	EGWO	5906,665346	2443,478896		M55h	37338M55h	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55					
46	4705,950775	3245,540346		20	M	37338M55h	STWO	4705,950775	3863,20786		M55h	37338M55h	STWO	36	34	-2	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35					
49	6150,359911	2978,349542		42	E	37346E41a	STWO	6150,359911	3845,219306		E41a	37346E41a	STWO	39	37	-2	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35					
39	4321,611471	2298,46		2	N	37370N60a	EGWO	4321,611471	2297,805176		N60a	37370N60a	EGWO	32	37	5	7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45					
37	5411,088939	3334,315519		4	N	37370N60a	STWO	5411,088939	3739,374321		N60a	37370N60a	STWO	27	30	3	10	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35					
46	6605,311968	3584,018607		27	E	37389E42a	STWO	6605,311968	4132,57923		E42a	37389E42a	STWO	37	37	0	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35					
43	6381,490322	3787,571062		72	E	37389E42b	STWO	6381,490322	3992,657284		E42b	37389E42b	STWO	36	37	1	7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45					
49	6580,762561	3305,771206		121	K	37419K53b	STWO	6580,762561	3932,103482		K53b	37419K53b	STWO	40	40	0	9	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35					
49	6970,016983	3429,713923		113	K	37419K54a	STWO	6970,016983	4091,12588		K54a	37419K54a	STWO	41	41	0	8	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35					
49	7055,558767	3481,996185		231	K	37419K54b	STWO	7055,558767	4123,017956		K54b	37419K54b	STWO	41	41	0	8	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	9.35					
23	4980,504035	3364,126635		28	M	37451M33h	STWO	4980,504035	3712,087604		M33h	37451M33h	STWO	31	25	-6	-8	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-5.9	-6.25					
43	5522,233202	3037,863985		2	M	37451M33i	STWO	5522,233202	3594,978193		M33i	37451M33i	STWO	34	29	-5	9	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-5.9	9.35					
49	7566,344845	3499,395157		238	K	37494K45a	STWO	7566,344845	4220,050567		K45a	37494K45a	STWO	44	44	0	5	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	5.45					
49	7334,250867	3591,835544		53	K	37494K45b	STWO	7334,250867	4265,029415		K45b	37494K45b	STWO	40	42	2	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35					
49	6897,546898	3308,455		3	M	37508M57a	EGWO	6897,546898	3043,209918		M57a	37508M57a	EGWO	44	49	5	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45					
45	5365,360898	2935,243406		148	M	37508M57a	STWO	5365,360898	3650,148301		M57a	37508M57a	STWO	28	32	4	17	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	17.15					
34	4745,926745	3142,163487		241	N	37516N65b	EGWO	4745,926745	2968,595068		N65b	37516N65b	EGWO	30	38	8	4	33.6	61,162.852	3,773.36	252	61,162.852	4,711.837	7.3	5.45					
49	11106,26786	2594,312257		13	K	37524K49f	EGWO	11106,26786	3583,558289		K49f	37524K49f	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55					
49	7238,979676	2539,349859		9	K	37524K49f	STWO	7238,979676	3865,616375		K49f	37524K49f	STWO	49	46	-3	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	1.55					
49	7038,461538	3424,04		1	E	37532E36a	EGWO	7038,461538	3803,921002		E36a	37532E36a	EGWO	48	49	1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55					
	6655	3386,496298		2	E	37532E36a	STWO	6655	4218,172856		E36a	37532E36a	STWO	36					61,162.852	3,773.36	51.2	61,162.852	4,711.837							
33	6616,545894	4447,84115		48	K	37540K52g	STWO	6616,545894	4150,403989		K52g	37540K52g	STWO	36	37	1	-3	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35					
41	6124,950219	3607,277741		15	N	37559N62b	EGWO	6124,950219	3721,76897		N62b	37559N62b	EGWO	34	39	5	7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45					
49	7594,356965	3560,052384		14	K	37613K25b	STWO	7594,356965	4304,112772		K25b	37613K25b	STWO	44	43	-1	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45					
49	10194,04502	2386,430573		3	K	37621K49b	EGWO	10194,04502	3447,499424		K49b	37621K49b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55					
49	7128,53006	2415,821408		3	K	37621K49b	STWO	7128,53006	3827,676709		K49b	37621K49b	STWO	47	47	0	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55					
39	4284,089921	2625,716884		19	F	37656F76a	EGWO	4284,089921	2496,499268		F76a	37656F76a	EGWO	32	42	10	7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45					
49	9758,661459	2706,501367		3	K	37664K49d	EGWO	9758,661459	3504,802858		K49d	37664K49d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55					
42	7686,79594	4695,26699		3	A	37702A04h	EGWO	7686,79594	3725,638878		A04h	37702A04h	EGWO	48	49	1	-6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25					
39	6929,25293	4031,056726		27	A	37702A04h	STWO	6929,25293	4075,967805		A04h	37702A04h	STWO	40	41	1	-1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35					
38	4317,169504	2703,676708		25	F	37710F76a	EGWO	4317,169504	2543,111367		F76a	37710F76a	EGWO	31	41	10	7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45					
49	6661,136088	3231,842472		165	E	37729E41a	STWO	6661,136088	4028,943129		E41a	37729E41a	STWO	40	39	-1	9	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	9.35					
49	6506,218389	3155,299062		124	E	37729E41b	STWO	6506,218389	3998,202268		E41b	37729E41b	STWO	38	38	0	11	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35					
48	6304,685961	3293,740586		45	E	37729E42a	STWO	6304,685961	3939,218129		E42a	37729E42a	STWO	37	37	0	11	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35					
35	4346,793823	2811,619158		42	F	37737F76a	EGWO	4346,793823	2627,237868		F76a	37737F76a	EGWO	30	39	9	5	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45					
49	5966,56311	2824,401841		84	K	37745K52d	STWO	5966,56311	3592,239046		K52d	37745K52d	STWO	37	40	3	12	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	13.25					
49	6766,50603	3353,028479		20	K	37745K53a	STWO	6733,257776	3981,386977		K53a	37745K53a	STWO	40	41	1	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35					
	6431,952663	3545,337831		1	E	37753E37e	EGWO	6431,952663	3019,802353		E37e	37753E37e	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837							
49	6698,292735	3397,814743		80	E	37753E37e	STWO	6698,292735	4100,38073		E37e	37753E37e	STWO	39	39	0	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35					
49	7483,251707	4267,957059		3	A	37788A05d	EGWO	7483,251707	3644,282981		A05d	37788A05d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55					
40	7163,848543	4313,436359		24	A	37788A05d	STWO	7163,848543	4168,523115		A05d	37788A05d	STWO	41	41	0	-1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35					
49	8422,222222	5123,47841		1	A	37796A05d	EGWO	8422,222222	3801,405262		A05d	37796A05d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55					
42	7218,640817	3729,192776		86	A	37796A05d	STWO	7218,640817	3987,217786		A05d	37796A05d	STWO	42	43	1	0	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55					
49	5386,804392	2365,288598		30	K	37818K90d	EGWO	5386,804392	2503,064382		K90d	37818K90d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55					
49	8775,925926	3989,136699		3	A	37826A07e	EGWO	8775,925926	3490,128766		A07e	37826A07e	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55					
42	6991,103595	4125,835851		26	A	37826A07e	STWO	6991,103595	4103,812505		A07e	37826A07e	STWO	41	42	1	1	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55					
49	7138,892012	2904,228855		14	A	37834A03b	STWO	7138,892012	3856,799902		A03b	37834A03b	STWO	45	46	1	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45					
49	10111,76471	3045,63		1	A	37834A03c	EGWO	10111,76471	3704,699735		A03c	37834A03c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55					
45	7836,563636	4360,106815		58	A	37834A03c	STWO	7836,563636	4274,569784		A03c	37834A03c	STWO	45	45	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55					
37	7463,653414	4675,5261		6	A	37834A03f	STWO	7463,653414	4272,361256		A03f	37834A03f	STWO	43	43	0	-6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25					
49	6944,623232	3226,573842		185	K	37842K25d	STWO	6944,623232	4028,308468		K25d	37842K25d	STWO	44	42	-2	5	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45					
36	6452,043971	3954,144312		7	A	37850A05c	EGWO	6452,043971	3165,147784		A05c	37850A05c	EGWO	43	49	6	-7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-6.25					
40	7514,831523	4547,776836		179	A	37850A05c	STWO	7514,831523	4252,495053		A05c	37850A05c	STWO	42	43	1	-2	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-2.35					
43	7121,212121	4083,4136		1	A	37869A06l	EGWO	7121,212121	3184,19465		A06l	37869A06l	EGWO	49	49	0	-6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25					
44	7538,409434	4134,476797		28	A	37869A06l	STWO	7538,409434	4168,204442		A06l	37869A06l	STWO	42	44	2	2	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55					
43	7055,408464	3976,684859		89	E	37907E14f	STWO	7055,408464	4173,610526		E14f	37907E14f	STWO	42	41	-1	1	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55					
40	4796,491228	3105,609399		3	F	37931F82a	EGWO	4796,491228	2873,47446		F82a	37931F82a	EGWO	35	43	8	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45					
	4631,578947	3378,45		1	K	37974K44f	STWO	4631,578947	3582,462318		K44f	37974K44f	STWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837							
40	5464,075444	3186,733502		31	N	37982N63a	EGWO	5464,075444	3158,630957		N63a	37982N63a	EGWO	36	40	4	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45					
33	7033,041727	4951,560181		62	A	38032A01h	STWO	7033,041727	4210,226087		A01h	38032A01h	STWO	41	39	-2	-8	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25					
49	7239,012869	3509,695808		159	K	38040K44b	STWO	7239,012869	4183,30866		K44b	38040K44b	STWO	42	42	0	7	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45					
46	6594,941743	3523,891196		29	N	38059N61c	EGWO	6594,941743	3771,841472		N61c	38059N61c	EGWO	40	42	2	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45					
44	6759,375	3748,108646		4	N	38067N61c	EGWO	6759,375	4084,892365		N61c	38067N61c	EGWO	36	39	3	8	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35					
45	7110,04454	3787,290234		18	N	38075N61c	EGWO	7110,04454	4114,000657		N61c	38075N61c	EGWO	36	40	4	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35					
46	4676,761733	2487,081899		10	N	38105N68e	EGWO	4676,761733	2457,148479		N68e	38105N68e	EGWO	44	47	3	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55					
40	4590,982209	2803,094229		7	N	38105N68f	EGWO	4590,982209	2572,957785		N68f	38105N68f	EGWO	39	44	5	1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55					
	6797,468354			1	N	38105N73j	EGWO	6797,468354			N73j	38105N73j	EGWO						61,162.852		51.2	61,162.852								
49	7301,913972	3540,54367	[redacted]	171	K	38148K52a	STWO	7301,913972	4078,716653	[redacted]	K52a	38148K52a	STWO	44	44	0	5	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45					

49	7048,789054	2673,038857	[redacted]	14	M	38172M56c	EGWO	7048,789054	2774,309533	[redacted]	M56c	38172M56c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6760,313806	2699,719545		56	M	38172M56c	STWO	6760,313806	3770,752407		M56c	38172M56c	STWO	41	43	2	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
49	6848,724648	2695,439423		8	M	38180M56c	STWO	6848,724648	3813,050327		M56c	38180M56c	STWO	41	43	2	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
49	5830,793653	2499,922131		19	M	38199M55g	EGWO	5830,793653	2591,966211		M55g	38199M55g	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6689,715523	3372,429335		24	M	38199M55g	STWO	6689,715523	3991,627225		M55g	38199M55g	STWO	39	40	1	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
46	5954,418097	3214,901286		30	M	38210M55g	EGWO	5954,418097	3086,644091		M55g	38210M55g	EGWO	42	48	6	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
45	5883,05269	3234,873008		38	M	38210M55g	STWO	5883,05269	3792,844799		M55g	38210M55g	STWO	37	35	-2	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
48	6184,461143	3253,571742		155	M	38229M29a	STWO	6184,461143	3897,385426		M29a	38229M29a	STWO	37	37	0	11	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
49	6920,703281	3507,514725		4	E	38237E21b	EGWO	6920,703281	2956,848633		E21b	38237E21b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7461,57817	2862,521707		51	E	38237E21b	STWO	7461,57817	4024,558753		E21b	38237E21b	STWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
	10825,5814	5139		1	K	38245K47i	EGWO	10825,5814	4945,364164		K47i	38245K47i	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
	8328,63982			2	E	38261E22a	EGWO	9057,371742	3389,040096		E22a	38261E22a	EGWO						61,162.852		51.2	61,162.852	4,711.837		
49	8130,991032	3352,765795		146	E	38261E22a	STWO	8106,604763	4225,409229		E22a	38261E22a	STWO		49			46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837		
	9347,014925			1	E	38261E22b	EGWO	9477,195231			E22b	38261E22b	EGWO						61,162.852		51.2	61,162.852			
49	7594,139046	2856,466475		76	E	38261E22b	STWO	7556,795822	4004,323192		E22b	38261E22b	STWO	44	42	-2	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
32	6036,867762	3894,967145		128	F	38288F87c	STWO	6036,867762	3880,231171		F87c	38288F87c	STWO	30	31	1	2	33.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
27	4806,395924	3501,309834		74	F	38288F87d	STWO	4806,395924	3402,194367		F87d	38288F87d	STWO	25	28	3	2	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
46	6246,872476	3322,557331		9	A	38318A08b	STWO	6246,872476	3649,568197		A08b	38318A08b	STWO	41	42	1	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
41	53790,7771	10170,7266		26	N	38326N63a	EGWO	53790,7771	13222,73102		N63a	38326N63a	EGWO	33	41	8	8	42.4	61,162.852	10,397.041	51.2	61,162.852	10,468.296	7.3	9.35
49	7851,480531	3553,047179		21	E	38334E21a	STWO	7851,480531	4413,166666		E21a	38334E21a	STWO	44	44	0	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	9742,97212	3276,311944		5	K	38369K47b	EGWO	9742,97212			K47b	38369K47b	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852			
49	7881,910293	2801,875553		86	K	38369K47b	STWO	7881,910293	4118,605125		K47b	38369K47b	STWO		48			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	12729,43723			1	K	38369K47c	EGWO	12729,43723			K47c	38369K47c	EGWO		49			46.8	61,162.852		51.2	61,162.852			
	9353,88654	3239,443775		34	K	38369K47c	STWO	9353,88654	4316,354348		K47c	38369K47c	STWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
48	5627,118644	3306,1308		1	E	38415E15c	STWO	5627,118644	3780,799212		E15c	38415E15c	STWO	27	35	8	21	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	21.05
35	4341,968402	2472,981038		9	F	38431F88j	EGWO	4341,968402	2379,067403		F88j	38431F88j	EGWO	32	40	8	3	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
26	3852,21896	2920,075		14	F	38431F88j	STWO	3852,21896	3316,49291		F88j	38431F88j	STWO	12	16	4	14	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	13.25
49	6588,829085	3304,778475		23	K	38458K52d	STWO	6588,829085	3978,8751		K52d	38458K52d	STWO	39	39	0	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
46	6132,957086	3310,867628		21	K	38458K53a	STWO	6132,957086	3861,718465		K53a	38458K53a	STWO	35	37	2	11	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
49	6258,038133	3200,044477		60	K	38458K53b	STWO	6258,038133	3720,007384		K53b	38458K53b	STWO	37	38	1	12	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
49	6592,013731	3010,450089		128	K	38458K54a	STWO	6592,013731	3826,061737		K54a	38458K54a	STWO	42	42	0	7	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
11	3755,862273	3509,815464		142	F	38474F81b	STWO	3755,862273	3307,506382		F81b	38474F81b	STWO	11	12	1	0	11.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
49	7099,029153	3390,189604		496	M	38482M28c	STWO	7099,029153	4086,909084		M28c	38482M28c	STWO	41	42	1	8	46.8	61,162.852	3,773.36	452.8	61,162.852	4,711.837	0.7	9.35
47	7187,703687	3464,739448		282	M	38482M28d	STWO	7187,703687	4098,891071		M28d	38482M28d	STWO	42	42	0	5	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	5.45
38	3889,65646	2551,423846		2	N	38504N71c	EGWO	3889,65646	2436,257562		N71c	38504N71c	EGWO		46			38	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
47	4543,481168	2428,21125		8	N	38539N69a	EGWO	4543,481168	2449,408545		N69a	38539N69a	EGWO	38	46	8	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	9.35
8	3814,216848	3978,869758		72	N	38555N68d	STWO	3814,216848	3501,948015		N68d	38555N68d	STWO	6	10	4	2	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
43	6679,246187	4316,75188		6	A	38563A04d	EGWO	6679,246187	3404,841293		A04d	38563A04d	EGWO	45	49	4	-2	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
35	6440,78105	4049,7354		2	A	38563A04d	STWO	6440,78105	3894,512348		A04d	38563A04d	STWO	39	40	1	-4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	6932,879387	2894,34692		99	K	38571K52c	STWO	6932,879387	3891,422574		K52c	38571K52c	STWO	43	44	1	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	6809,33992	3106,251254		101	K	38571K52d	STWO	6809,33992	3949,364843		K52d	38571K52d	STWO	41	42	1	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	6855,934072	3357,612007		53	K	38571K53a	STWO	6855,934072	3981,01079		K53a	38571K53a	STWO	41	42	1	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	6694,049928	3340,441119		96	K	38571K54c	STWO	6694,049928	3998,419151		K54c	38571K54c	STWO	40	40	0	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
48	7104,099376	3691,096985		102	K	38571K54d	STWO	7104,099376	4277,976997		K54d	38571K54d	STWO	41	40	-1	7	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
40	5135,36109	3205,777456		18	N	38628N63a	EGWO	5135,36109	3126,371347		N63a	38628N63a	EGWO	30	40	10	10	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
45	4578,623188	2697,958831		2	N	38628N64c	STWO	4578,623188	3419,136842		N64c	38628N64c	STWO	29	31	2	16	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	17.15
38	6034,341591	3730,356991		315	M	38636M29a	STWO	6034,341591	3861,262537		M29a	38636M29a	STWO	37	35	-2	1	38	61,162.852	3,773.36	352.4	61,162.852	4,711.837	-1.5	1.55
45	7135,549894	3908,496732		13	A	38644A03e	STWO	7135,549894	4060,68334		A03e	38644A03e	STWO	43	43	0	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6353,780826	2428,141679		7	M	38652M55d	EGWO	6353,780826	2624,684287		M55d	38652M55d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6549,427282	3118,147683		102	M	38652M55d	STWO	6549,427282	3861,943444		M55d	38652M55d	STWO	39	41	2	10	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	9.35
49	6059,595859	2461,376745		17	K	38660K90c	EGWO	6059,595859	2671,4856		K90c	38660K90c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
26	5778,397581	2720,176667		3	K	38660K90c	STWO	5778,397581	3702,902324		K90c	38660K90c	STWO	30	27	-3	-4	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-2.35
40	5333,333333	3290,083648		6	N	38679N63a	EGWO	5333,333333	3234,980496		N63a	38679N63a	EGWO	34	40	6	6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
49	10264,02465	3029,90826		7	K	38687K46c	EGWO	10264,02465			K46c	38687K46c	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852			
49	7394,984514	2448,577617		42	K	38687K46c	STWO	7394,984514	3907,754685		K46c	38687K46c	STWO					46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	5422,352112	2378,961292		29	K	38695K90d	EGWO	5422,352112	2524,772035		K90d	38695K90d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
7	3594,305827	3402,914803		136	N	38709N66f	STWO	3594,305827	3169,988755		N66f	38709N66f	STWO	8	12	4	-1	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	-2.35
23	4285,126418	3453,624464		72	K	38725K91c	STWO	4285,126418	3347,796533		K91c	38725K91c	STWO	26	22	-4	-3	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-2.35
49	8437,616276	3142,4317		2	K	38733K47c	EGWO	8437,616276			K47c	38733K47c	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852			
	8123,563591	2804,201994		23	K	38733K47c	STWO	8123,563591	4037,390602		K47c	38733K47c	STWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
32	4577,049475	3124,051516		35	F	38741F89b	EGWO	4577,049475	2853,344702		F89b	38741F89b	EGWO	30	38	8	2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
12	4707,575758	4330,098523		24	F	38741F89b	STWO	4707,575758	3814,185535		F89b	38741F89b	STWO	18	19	1	-6	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
49	7163,313314	3152,28		3	K	38768K90i	EGWO	7163,313314			K90i	38768K90i	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852		0.7	1.55
27	6388,282542	4704,039966		115	A	38776A00a	STWO	6388,282542	4021,541716		A00a	38776A00a	STWO	38	37	-1	-11	24.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	-10.15
30	6739,028276	4802,433996		3	A	38776A00b	EGWO	6739,028276	3638,737319		A00b	38776A00b	EGWO	39	45	6	-9	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-10.15
21	5574,071131	4473,610925		66	A	38776A00b	STWO	5574,071131	3760,163151		A00b	38776A00b	STWO	36	32	-4	-15	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-14.05
49	7272,534371	3400,456057		361	K	38784K44b	STWO	7272,534371	4125,952311		K44b	38784K44b	STWO	43	43	0	6	46.8	61,162.852	3,773.36	352.4	61,162.852	4,711.837	0.7	5.45
16	5099,945001	4599,68038		30	N	38806N62a	STWO	5099,945001	3902,028627		N62a	38806N62a	STWO	23	20	-3	-7	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-6.25
47	7642,743595	4037,683172		12	N	38806N62b	EGWO	7642,743595	4153,120306		N62b	38806N62b	EGWO	41	46	5	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
13	3867,404452	3346,093202		310	N	38814N68c	STWO	3867,404452	3272,927503		N68c	38814N68c	STWO	11	14	3	2	11.6	61,162.852	3,773.36	352.4	61,162.852	4,711.837	2.9	1.55
35	6842,07038	4493,565777		113	A	38822A04i	STWO	6842,07038	4107,025853		A04i	38822A04i	STWO	42	39	-3	-7	33.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-3.7	-6.25
24	3839,02439	2910,138		10	N	38830N65a	EGWO	3839,02439	2619,969409		N65a	38830N65a	EGWO	18	32	14	6	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	13.9	5.45
28	7059,223374	5113,62216		15	A	38873A00a	STWO	7059,223374	4382,961044		A00a	38873A00a	STWO	38	38	0	-10	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-10.15
30	4072,3583	2821,542393		38	F	38881F83a	EGWO	4072,3583	2534,825266		F83a	38881F83a	EGWO	30	37	7	0	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
32	7036,802808	5012,231475		9	A	38938A01g	STWO	7036,802808	4607,110392		A01g	38938A01g	STWO		41			33.6	61,162.852	7,085.2	51.2	61,162.852	4,711.837		
49	7368,653213	2937,175525		118	K	38946K49f	STWO	7368,653213	3962,450939		K49f	38946K49f	STWO	48	46	-2	1	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	1.55
48	6756,203395	3528,728867		146	K	38954K54a	STWO	6756,203395	4104,808052		K54a	38954K54a	STWO	40	39	-1	8	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	9.35
25	5904,685431	4429,83734		108	K	38962K90a	STWO	5904,685431	4005,779455		K90a	38962K90a	STWO	32	31	-1	-7	24.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	-6.25
39	5559,1349	3404,178784		32	N	39012N60c	EGWO	5559,1349	3294,568197		N60c	39012N60c	EGWO	35	41	6	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
27	3871,290038	2823,218889		18	N	39020N65a	EGWO	3871,290038	2566,641329		N65a	39020N65a	EGWO	21	34	13	6	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	13.9	5.45
32	4376,577926	2859,153379		156	K	39039K91b	STWO	4376,577926	3136,244536		K91b	39039K91b	STWO	32	31	-1	0	33.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	1.55
36	7106,940427	4719,9233		18	A	39047A08b	STWO	7106,940427	4197,143421		A08b	39047A08b	STWO	38	39	1	-2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	6140,664962	3046,3447		1	M	39098M27a	EGWO	6140,664962			M27a	39098M27a	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852			

49	6878,326399	2982,522888	[redacted]	127	M	39098M27a	STWO	6878,326399	3930,020942	[redacted]	M27a	39098M27a	STWO	45	44	-1	4	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
49	8231,18783	2952,201307		17	M	39098M27b	EGWO	8231,18783	3251,200404		M27b	39098M27b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6980,208289	2902,187554		211	M	39098M27b	STWO	6980,208289	3925,536828		M27b	39098M27b	STWO	44	44	0	5	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	5.45
49	6674,046216	2772,067954		15	M	39098M55g	EGWO	6674,046216	2858,081699		M55g	39098M55g	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
48	6748,929978	2973,646922		2	M	39098M55g	STWO	6748,929978	3846,404581		M55g	39098M55g	STWO	38	39	1	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
28	6030,051052	4350,689592		66	M	39098M55i	STWO	6030,051052	3987,586894		M55i	39098M55i	STWO	34	34	0	-6	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
43	4963,414634	2564,54		1	M	39098M58h	STWO	4963,414634	3439,891229		M58h	39098M58h	STWO	36	39	3	7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
49	6758,070824	3247,68168		25	M	39101M57a	EGWO	6758,070824	3503,62579		M57a	39101M57a	EGWO	43	48	5	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
40	5446,267859	3254,168531		26	M	39101M57a	STWO	5446,267859	3889,888725		M57a	39101M57a	STWO	28	29	1	12	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
49	6473,292122	2944,818083		20	K	39128K44b	STWO	6473,292122	3822,396892		K44b	39128K44b	STWO	40	41	1	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	5737,830733	2421,1278		2	K	39128K44e	EGWO	5737,830733	2620,192481		K44e	39128K44e	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6623,426009	3259,35402		55	K	39128K44e	STWO	6623,426009	3981,278928		K44e	39128K44e	STWO	41	40	-1	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
38	4317,873714	2447,569799		12	F	39136F78b	EGWO	4317,873714	2283,084388		F78b	39136F78b	EGWO	34	43	9	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
49	7052,130948			4	K	39144K90i	EGWO	7052,130948			K90i	39144K90i	EGWO	49	49	0	0	46.8	61,162.852		51.2	61,162.852		0.7	1.55
42	6029,126214	3780,970178		1	K	39144K90i	STWO	6029,126214	3659,584674		K90i	39144K90i	STWO	41	39	-2	1	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	7776,078059	3571,955067		16	E	39152E18b	EGWO	7776,078059	3427,834663		E18b	39152E18b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7168,309764	3427,273581		93	E	39152E18b	STWO	7160,240044	4180,881177		E18b	39152E18b	STWO	42	42	0	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
6	4084,238925	4184,044341		68	N	39160N68c	STWO	4084,238925	3616,135447		N68c	39160N68c	STWO	11	11	0	-5	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
47	4574,702731	2416,292298		33	N	39160N68f	EGWO	4574,702731	2346,780606		N68f	39160N68f	EGWO	41	49	8	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
5	3563,1025	3890,265072		66	N	39160N68f	STWO	3563,1025	3436,785843		N68f	39160N68f	STWO	6	7	1	-1	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
34	4976,302746	3248,935637		21	N	39187N65c	EGWO	4976,302746	3072,73078		N65c	39187N65c	EGWO	26	38	12	8	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	9.35
31	4487,391807	3081,806295		23	N	39195N62a	EGWO	4487,391807	2907,108655		N62a	39195N62a	EGWO	31	35	4	0	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
29	5096,989817	3615,10505		28	F	39209F77f	EGWO	5096,989817	3141,569338		F77f	39209F77f	EGWO	30	38	8	-1	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	-2.35
49	6869,494144	3408,8632		2	A	39233A07h	EGWO	6869,494144			A07h	39233A07h	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852		0.7	1.55
48	6564,878889	3186,535525		4	A	39233A07h	STWO	6564,878889	3871,083118		A07h	39233A07h	STWO	46	46	0	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
40	6997,983215	4181,654417		242	A	39268A05a	STWO	6997,983215	4046,062551		A05a	39268A05a	STWO	43	42	-1	-3	38	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	-2.35
49	5797,607826	2753,953398		11	E	39268E13a	STWO	5797,607826	3621,092737		E13a	39268E13a	STWO	42	38	-4	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	5.45
26	7998,37588	5910,378171		123	A	39314A06e	STWO	7998,37588	4825,909589		A06e	39314A06e	STWO	37	37	0	-11	24.8	61,162.852	7,085.2	151.6	61,162.852	4,711.837	0.7	-10.15
47	7020,716586	3578,902325		4	A	39330A02b	STWO	7020,716586	3981,782548		A02b	39330A02b	STWO	49	47	-2	-2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
40	7271,629932	4348,629086		42	A	39330A02c	STWO	7271,629932	4182,240816		A02c	39330A02c	STWO	44	42	-2	-4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
45	7625,061937	4345,215875		4	A	39381A06k	EGWO	7625,061937	3525,800445		A06k	39381A06k	EGWO	49	49	0	-4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
41	7998,230932	4749,170431		167	A	39381A06k	STWO	7998,230932	4476,696015		A06k	39381A06k	STWO	44	44	0	-3	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-2.35
43	7498,920434	4444,947851		4	A	39381A06l	EGWO	7498,920434	3685,488043		A06l	39381A06l	EGWO	49	49	0	-6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
45	8037,656854	4453,394335		82	A	39381A06l	STWO	8037,656854	4459,047355		A06l	39381A06l	STWO	45	44	-1	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	7396,893837	2683,070376		10	K	39403K52g	EGWO	7396,893837	2954,40897		K52g	39403K52g	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7186,524952	3468,373862		157	K	39446K44b	STWO	7186,524952	4151,854099		K44b	39446K44b	STWO	42	42	0	7	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
49	7053,262468	3365,34783		214	K	39446K44c	STWO	7053,262468	4090,641086		K44c	39446K44c	STWO	42	42	0	7	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	5.45
21	4183,40832	3187,377287		278	F	39454F81b	STWO	4183,40832	3442,083381		F81b	39454F81b	STWO	13	15	2	8	20.4	61,162.852	3,773.36	252	61,162.852	4,711.837	2.9	9.35
39	5833,63185	3542,786977		8	N	39462N62b	EGWO	5833,63185	3741,867956		N62b	39462N62b	EGWO	31	37	6	8	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	9.35
41	6446,545396	3725,198		136	E	39470E13c	STWO	6446,545396	4058,261491		E13c	39470E13c	STWO	38	37	-1	3	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	1.55
49	7440,641229	3309,341772		4	A	39497A07d	EGWO	7440,641229			A07d	39497A07d	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852			
39	6471,865711	4139,13658		106	A	39497A07d	STWO	6471,865711	4060,668274		A07d	39497A07d	STWO	41	40	-1	-2	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	-2.35
49	7431,968097	3554,10072		6	A	39497A07f	EGWO	7431,968097	3430,92421		A07f	39497A07f	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
45	7416,905627	4106,196256		265	A	39497A07f	STWO	7416,905627	4146,896848		A07f	39497A07f	STWO	45	44	-1	0	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	1.55
49	8068,965517	3854,6798		1	A	39497A07h	EGWO	8068,965517	3201,44007		A07h	39497A07h	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
43	8004,512723	4776,887306		24	A	39497A07h	STWO	8004,512723	4289,741741		A07h	39497A07h	STWO	46	46	0	-3	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	8559,408242	4116,587873		9	A	39500A07e	EGWO	8559,408242	3624,600554		A07e	39500A07e	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
38	7301,666279	4584,862404		55	A	39500A07e	STWO	7301,666279	4230,276187		A07e	39500A07e	STWO	41	42	1	-3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	7112,56843	3195,323708		12	A	39500A07f	STWO	7112,56843	3963,443969		A07f	39500A07f	STWO	44	44	0	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	6591,489362	3295,6138		1	M	39519M56a	EGWO	6591,489362	2791,286058		M56a	39519M56a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6804,948667	2894,240564		51	M	39519M56a	STWO	6804,948667	3840,916432		M56a	39519M56a	STWO	42	43	1	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	7370,79294	2703,023088		5	M	39519M56c	EGWO	7370,79294	2778,98691		M56c	39519M56c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6636,9248	2993,35871		49	M	39519M56c	STWO	6636,9248	3859,828963		M56c	39519M56c	STWO	41	38	-3	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	9.35
36	5125,558313	3325,381712		2	F	39535F76a	EGWO	5125,558313	2839,35867		F76a	39535F76a	EGWO	31	40	9	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
11	3760,245399			30	F	39535F76a	STWO	3760,245399	3763,249026		F76a	39535F76a	STWO	5	7	2	6	11.6	61,162.852		51.2	61,162.852	4,711.837	2.9	5.45
49	7658,872042	3723,54335		44	M	39543M27a	STWO	7658,872042	4369,473211		M27a	39543M27a	STWO	43	42	-1	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
46	6297,395201	3746,267968		235	M	39543M27b	STWO	6297,395201	3764,056724		M27b	39543M27b	STWO	39	39	0	7	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	5.45
35	4265,480263	2716,793277		32	N	39551N61b	STWO	4265,480263	3349,462025		N61b	39551N61b	STWO	26	25	-1	9	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
49	7103,57357	4457,76516		48	K	39578K52a	STWO	7103,57357	4212,46025		K52a	39578K52a	STWO	42	41	-1	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
31	3934,542425	2718,329585		37	F	39586F83a	EGWO	3934,542425	2459,875472		F83a	39586F83a	EGWO	30	37	7	1	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
48	4478,563861	2331,605841		26	N	39594N68d	EGWO	4478,563861	2320,927301		N68d	39594N68d	EGWO	44	48	4	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
10	4157,410308	4059,100453		56	N	39594N68d	STWO	4157,410308	3502,272735		N68d	39594N68d	STWO	9	11	2	1	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
13	3758,330173	3266,958053		40	F	39608F78d	STWO	3758,330173	3211,97528		F78d	39608F78d	STWO	14	18	4	-1	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
45	5462,134372	5239,294067		3	A	39616A02c	STWO	5462,134372	3918,377616		A02c	39616A02c	STWO	47	46	-1	-2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
45	220062,7244	35235,84268		6	A	39616A02d	STWO	220062,7244	51835,74941		A02d	39616A02d	STWO	46	49	3	-1	46.8	182,011.328	33,579.923	51.2	182,011.328	50,763.51	2.9	-2.35
32	7587,414684	4760,014751		4	A	39624A01g	STWO	7258,664142	4033,587069		A01g	39624A01g	STWO		41			33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
26	6082,963522	5378,4159		4	A	39632A00b	STWO	6082,963522	4171,243536		A00b	39632A00b	STWO	36	36	0	-10	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-10.15
38	7513,888889			1	A	39667A01f	EGWO	7513,888889	4113,143693		A01f	39667A01f	EGWO	47	49	2	-9	38	61,162.852		51.2	61,162.852	4,711.837	2.9	-10.15
41	7513,814626	4399,116709		33	A	39667A01f	STWO	7513,814626	4096,556559		A01f	39667A01f	STWO	43	45	2	-2	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
27	5292,683942	3873,01383		163	K	39675K90a	STWO	5292,683942	3716,816635		K90a	39675K90a	STWO	31	29	-2	-4	24.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	-2.35
48	6754,014985	3508,838055		22	N	39683N73b	EGWO	6754,014985	3290,773312		N73b	39683N73b	EGWO	40	49	9	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
28	3974,917016	2854,074801		26	F	39691F83a	EGWO	3974,917016	2581,922411		F83a	39691F83a	EGWO	28	35	7	0	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
49	7053,776471	3338,741269		115	K	39713K44a	STWO	7053,776471	4082,180483		K44a	39713K44a	STWO	41	42	1	8	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
49	6788,020173	3238,250433		219	M	39721M29b	STWO	6788,020173	3928,761749		M29b	39721M29b	STWO	41	42	1	8	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	9.35
6	3722,216087	3564,366818		33	F	39756F81a	STWO	3722,216087	3349,621156		F81a	39756F81a	STWO	9	10	1	-3	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
32	5296,424285	3617,179115		63	K	39764K90a	STWO	5296,424285	3704,702182		K90a	39764K90a	STWO	33	34	1	-1	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
38	4132,394658	2757,70004		16	N	39772N68d	EGWO	4132,394658	2545,101552		N68d	39772N68d	EGWO	34	41	7	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
22	4600,038291	3933,450455		47	F	39799F89c	STWO	4600,038291	3535,4863		F89c	39799F89c	STWO	28	23	-5	-6	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-5.9	-6.25
49	7773,294543	3375,822842		225	E	39829E20c	STWO	7773,294543	4289,772486		E20c	39829E20c	STWO	45	45	0	4	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	5.45
49	7790,8088	3473,871325		439	E	39829E21a	STWO	7790,8088	4306,680214		E21a	39829E21a	STWO	45	45	0	4	46.8	61,162.852	3,773.36	452.8	61,162.852	4,711.837	0.7	5.45
12	4661,72619	4542,36107		12	F	39837F89b	STWO	4661,72619	3883,95616		F89b	39837F89b	STWO	12	15	3	0	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
49	6613,381001	3576,434792		2	M	39861M55d	EGWO	6613,381001	3225,177761		M55d	39861M55d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6302,336907	2833,17531		74	M	39861M55d	STWO	6302,336907	3720,788555		M55d	39861M55d	STWO	40	41	1	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35

34	5067,616032	3108,317522	[redacted]	122	E	39888E37a	STWO	5067,616032	3947,352086	[redacted]	E37a	39888E37a	STWO	22	23	1	12	33.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	13.25
49	6128,54499	3021,229667		161	E	39888E37d	STWO	6128,54499	3870,650928		E37d	39888E37d	STWO	35	37	2	14	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	13.25
46	6065,987403	3233,700047		108	E	39888E37g	STWO	6065,987403	3954,658341		E37g	39888E37g	STWO	33	34	1	13	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	13.25
49	6886,803658	3257,517116		251	E	39888E40a	STWO	6886,803658	4152,120925		E40a	39888E40a	STWO	39	40	1	10	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	9.35
49	6457,11355	3126,647674		204	E	39888E40b	STWO	6457,11355	4008,004799		E40b	39888E40b	STWO	37	38	1	12	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	13.25
41	3816,604465	2240,848605		14	F	39934F82d	EGWO	3794,599801	2169,712958		F82d	39934F82d	EGWO	34	43	9	7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
23	3934,662036	2881,814548		31	F	39934F82d	STWO	3934,662036	3090,22126		F82d	39934F82d	STWO	20	22	2	3	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
49	8933,396412	2444,4938		5	K	39942K59a	EGWO	8436,130603	2980,203799		K59a	39942K59a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
37	5935,415989	3748,996338		16	K	39942K59a	STWO	5935,415989	3601,660735		K59a	39942K59a	STWO	40	39	-1	-3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
8	4230,735142	3980,129257		24	F	39969F76b	STWO	4230,735142	3422,558007		F76b	39969F76b	STWO	10	16	6	-2	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-2.35
32	4169,267716	2788,816923		30	F	39977F78b	EGWO	4169,267716	2501,365247		F78b	39977F78b	EGWO	31	39	8	1	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
44	5505,400395	2854,710162		35	E	39993E37c	STWO	5505,400395	3669,437505		E37c	39993E37c	STWO	34	33	-1	10	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
9	3775,814944	4263,43442		96	F	40002F77c	STWO	3775,814944	3596,61228		F77c	40002F77c	STWO	6	9	3	3	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
45	4868,358516	2684,222527		16	F	40010F85b	EGWO	4868,358516	2556,395817		F85b	40010F85b	EGWO	39	47	8	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
28	4320,00089	3012,902051		28	F	40029F78b	EGWO	4320,00089	2741,631487		F78b	40029F78b	EGWO	24	34	10	4	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
41	4511,310951	2652,558333		10	F	40037F86a	EGWO	4511,310951	2594,711833		F86a	40037F86a	EGWO	36	43	7	5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
19	3741,490845	3846,576141		83	F	40037F86a	STWO	3741,490845	3397,858102		F86a	40037F86a	STWO	14	16	2	5	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
29	5034,538257	3368,043623		107	F	40045F86a	STWO	5034,538257	3508,695079		F86a	40045F86a	STWO	24	26	2	5	29.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	5.45
49	6740,221727	3350,400453		36	K	40061K26c	STWO	6740,221727	4042,348772		K26c	40061K26c	STWO	42	40	-2	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	9094,894004	2855,492447		36	K	40088K59a	EGWO	8948,67317	3391,382031		K59a	40088K59a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	9828,009774	2543,81106		9	K	40118K49a	EGWO	9828,009774	3315,458423		K49a	40118K49a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
39	6000	3658,593013		9	E	40126E42a	STWO	6000	4081,42124		E42a	40126E42a	STWO	33	32	-1	6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
45	7092,435779	3872,533396		13	E	40126E42b	STWO	7092,435779	4308,298819		E42b	40126E42b	STWO	39	39	0	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
46	6555,122551	3531,793014		29	E	40126E42c	STWO	6555,122551	4074,850265		E42c	40126E42c	STWO	38	38	0	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
44	6574,763826	3688,901274		48	E	40126E42d	STWO	6574,763826	4044,903836		E42d	40126E42d	STWO	38	38	0	6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
35	6307,544389	3520,587823		62	K	40142K90a	STWO	6307,544389	3740,858799		K90a	40142K90a	STWO	32	34	2	3	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
40	4383,341868	2527,030725		4	F	40169F82a	EGWO	4383,341868	2375,073973		F82a	40169F82a	EGWO	36	43	7	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
49	9418,610952	3347,202409		14	K	40177K47c	EGWO	9418,610952	3369,097893		K47c	40177K47c	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
	7833,573018	2808,759992		85	K	40177K47c	STWO	7833,573018	4100,272787		K47c	40177K47c	STWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	9156,98112	3169,900652		25	K	40177K47d	EGWO	9156,98112	3328,43105		K47d	40177K47d	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
	7774,958003	2603,279992		198	K	40177K47d	STWO	7774,958003	3969,205969		K47d	40177K47d	STWO						61,162.852	3,773.36	151.6	61,162.852	4,711.837		
40	7759,491934	4838,835356		3	A	40185A06a	EGWO	7759,491934	3836,873114		A06a	40185A06a	EGWO	47	49	2	-7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
38	7794,836694	4891,136898		119	A	40185A06a	STWO	7794,836694	4478,784377		A06a	40185A06a	STWO	43	43	0	-5	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-6.25
46	4515,151515	2300,812899		3	F	40193F89c	EGWO	4515,151515	2366,497861		F89c	40193F89c	EGWO	39	48	9	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
29	4539,460726	3113,622258		107	F	40215F86a	STWO	4539,460726	3364,612627		F86a	40215F86a	STWO	24	26	2	5	29.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	5.45
44	5590,876432	3034,444533		50	E	40223E37c	STWO	5590,876432	3792,244315		E37c	40223E37c	STWO	32	32	0	12	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
28	4290,677768	3151,9724		25	E	40223E39d	STWO	4290,677768	3310,820934		E39d	40223E39d	STWO	26	28	2	2	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
39	6006,578947			1	N	40258N60a	EGWO	6006,578947			N60a	40258N60a	EGWO	32	37	5	7	38	61,162.852		51.2	61,162.852		5.1	5.45
37	4362,962963	2201,94		1	N	40258N60a	STWO	4362,962963	3186,298143		N60a	40258N60a	STWO	27	30	3	10	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
43	5305,555556	2567,01288		4	N	40258N60b	EGWO	5305,555556	2501,430656		N60b	40258N60b	EGWO	43	45	2	0	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
43	5483,067096	2960,432405		5	N	40258N60c	EGWO	5483,067096	2796,623176		N60c	40258N60c	EGWO	38	44	6	5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
32	4921,673602	3114,265833		91	N	40258N60c	STWO	4921,673602	3581,523294		N60c	40258N60c	STWO	24	24	0	8	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
10	4670,822716	4284,782448		36	F	40266F85c	STWO	4670,822716	3744,424832		F85c	40266F85c	STWO	14	19	5	-4	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-2.35
49	6742,849707	3423,097781		24	K	40274K52d	STWO	6742,849707	4040,330076		K52d	40274K52d	STWO	38	40	2	11	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
9	3297,495301	2996,948405		80	N	40282N66f	STWO	3297,495301	2944,741327		N66f	40282N66f	STWO	8	11	3	1	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
49	6121,25906	3103,983996		91	E	40290E75a	STWO	6121,25906	3794,809488		E75a	40290E75a	STWO	37	38	1	12	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
48	5863,618662	2930,188117		82	E	40290E75b	STWO	5863,618662	3673,512121		E75b	40290E75b	STWO	36	37	1	12	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
45	5615,396607	3108,774444		16	E	40290E75c	STWO	5615,396607	3704,82416		E75c	40290E75c	STWO	35	34	-1	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
48	6254,197626	3518,802036		40	E	40290E75d	STWO	6254,197626	3839,387289		E75d	40290E75d	STWO	39	40	1	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
	8085,227273	6024,6651		2	A	40312A09c	EGWO	6325,116958	4710,29081		A09c	40312A09c	EGWO						61,162.852	7,085.2	51.2	61,162.852	4,711.837		
30	6659,209094	4822,42761		80	A	40312A09c	STWO	6659,209094	4143,408457		A09c	40312A09c	STWO	39	40	1	-9	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-10.15
49	10000	2627,512913		1	K	40339K48f	EGWO	10000	3430,67751		K48f	40339K48f	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	7080,04402	3321,651873		31	K	40339K48f	STWO	7080,04402	4041,581861		K48f	40339K48f	STWO	44	43	-1	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	7220,289822	3509,660266		243	K	40347K44b	STWO	7220,289822	4149,020844		K44b	40347K44b	STWO	43	42	-1	6	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	5.45
49	7250,276018	3461,04568		166	K	40347K44c	STWO	7250,276018	4176,537169		K44c	40347K44c	STWO	42	42	0	7	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
42	5566,666667	3900,633466		1	N	40363N62b	EGWO	5566,666667	3943,874339		N62b	40363N62b	EGWO	36	42	6	6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
40	6098,657578	3655,82213		13	N	40371N62b	EGWO	6017,731056	3625,82729		N62b	40371N62b	EGWO	34	40	6	6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
41	4217,286418	2481,189059		24	F	40398F82b	EGWO	4217,286418	2378,645552		F82b	40398F82b	EGWO	35	44	9	6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
24	4286,524209	3158,687999		108	F	40398F82b	STWO	4286,524209	3368,375603		F82b	40398F82b	STWO	21	22	1	3	24.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
11	3800,526249	3395,437327		221	F	40398F82c	STWO	3793,053123	3198,414412		F82c	40398F82c	STWO	13	16	3	-2	11.6	61,162.852	3,773.36	252	61,162.852	4,711.837	2.9	-2.35
40	7356,590845	4441,438909		44	A	40428A02c	STWO	7356,590845	4198,612013		A02c	40428A02c	STWO	44	43	-1	-4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
45	6999,299534	3716,013704		58	E	40436E13d	STWO	6999,299534	4310,508777		E13d	40436E13d	STWO	39	38	-1	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	6806,78102	3229,594132		122	K	40444K44d	STWO	6806,78102	4012,572751		K44d	40444K44d	STWO	42	41	-1	7	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
27	5372,77871	4243,281145		78	E	40452E39c	STWO	5372,77871	3853,349069		E39c	40452E39c	STWO		28			24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	7802,017895	2706,776548		105	K	40460K47f	STWO	7802,017895	4067,617669		K47f	40460K47f	STWO	49	49	0	0	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
49	6954,578281	3603,311765		86	E	40509E16a	STWO	6954,578281	4255,244176		E16a	40509E16a	STWO	39	41	2	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
45	7534,734871	4032,99213		3	E	40509E16c	STWO	7534,734871	3977,60696		E16c	40509E16c	STWO	41	42	1	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
45	5467,38984	2974,728457		16	M	40517M57a	STWO	5389,685508	3598,828032		M57a	40517M57a	STWO	31	34	3	14	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	13.25
44	6573,634498	3668,191931		46	E	40533E13d	STWO	6573,634498	4188,965755		E13d	40533E13d	STWO	37	36	-1	7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	7370,967742	3685,885737		1	E	40541E13f	STWO	7370,967742	4137,282749		E13f	40541E13f	STWO	41	40	-1	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
43	6615,271734	3754,243814		136	E	40568E13d	STWO	6615,271734	4191,263582		E13d	40568E13d	STWO	37	36	-1	6	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
49	6888,995284	3420,871737		132	E	40568E13f	STWO	6888,995284	4038,8475		E13f	40568E13f	STWO	42	41	-1	7	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
49	5534,660633	2700,2313		2	M	40576M55d	EGWO	5534,660633	2486,608641		M55d	40576M55d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6449,947102	2831,829848		126	M	40576M55d	STWO	6449,947102	3745,570018		M55d	40576M55d	STWO	42	42	0	7	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
47	7019,626931	3703,736673		42	N	40584N61c	EGWO	7019,626931	4040,641414		N61c	40584N61c	EGWO	38	42	4	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
37	6607,257594	4180,716664		7	A	40592A04h	EGWO	6607,257594	3246,502344		A04h	40592A04h	EGWO	45	49	4	-8	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
39	7666,341066	5043,409261		3	A	40592A04h	STWO	7666,341066	4398,885165		A04h	40592A04h	STWO	42	43	1	-3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	7803,222644	3848,132661		8	A	40606A05d	EGWO	7803,222644	3096,543861		A05d	40606A05d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
37	7091,834074	4488,112973		15	A	40606A05d	STWO	7091,834074	4079,622372		A05d	40606A05d	STWO	44	42	-2	-7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
23	4185,860591	3182,740202		58	T	40614T98a	EGWO	4151,040164	2811,820579		T98a	40614T98a	EGWO	21	29	8	2	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
	12327,7512	4425,31		2	E	40622E22a	EGWO	12327,7512	5224,942318		E22a	40622E22a	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	8448,360397	4204,533506		9	E	40622E22a	STWO	7369,439183	3898,130096		E22a	40622E22a	STWO		47			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
42	6770,567925	4160,986935		2	A	40630A04h	EGWO	6770,567925	3105,125685		A04h	40630A04h	EGWO	48	49	1	-6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25

35	7327,822289	4750,711776	[redacted]	31	A	40630A04h	STWO	7327,822289	4234,401878	[redacted]	A04h	40630A04h	STWO	42	42	0	-7	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
13	4064,975957	3717,504424		85	N	40649N68c	STWO	4064,975957	3468,879426		N68c	40649N68c	STWO	14	14	0	-1	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
48	7447,719788	3719,258647		98	M	40657M29a	STWO	7447,719788	4228,929314		M29a	40657M29a	STWO	43	42	-1	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
47	6545,099713	3473,602298		77	M	40657M31a	STWO	6536,013353	3960,797262		M31a	40657M31a	STWO	39	40	1	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
32	5375,286175	3744,966992		119	M	40657M32a	STWO	5375,286175	3634,796067		M32a	40657M32a	STWO	32	32	0	0	33.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
49	6833,227417	2816,681927		10	M	40657M32c	EGWO	6833,227417	3004,687245		M32c	40657M32c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
30	5107,714409	3577,835683		54	M	40657M32c	STWO	5107,714409	3459,195365		M32c	40657M32c	STWO	33	32	-1	-3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
18	5263,476556			388	M	40665M33h	STWO	5263,476556			M33h	40665M33h	STWO	26	25	-1	-8	16	61,162.852		352.4	61,162.852		-1.5	-6.25
36	5750,9754	3656,956062		176	M	40665M33j	STWO	5750,9754	3661,877161		M33j	40665M33j	STWO	38	36	-2	-2	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	-2.35
29	5578,715638	3982,819089		7	A	40673A09f	STWO	5578,715638	3626,079042		A09f	40673A09f	STWO	35	34	-1	-6	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
	5908,412317	2912,259759		3	M	40673M33k	EGWO	5908,412317	2809,547009		M33k	40673M33k	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
32	5201,978544	3572,217485		25	M	40673M33k	STWO	5201,978544	3578,332868		M33k	40673M33k	STWO	26	31	5	6	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
	6203,389831	2784,0668		2	A	40703A09h	EGWO	6203,389831	2682,352319		A09h	40703A09h	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
45	5877,77	3067,46392		42	A	40703A09h	STWO	5877,77	3623,822873		A09h	40703A09h	STWO	36	38	2	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
24	7059,036945	5330,570026		156	A	40711A00a	STWO	7059,036945	4311,757923		A00a	40711A00a	STWO	39	38	-1	-15	24.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	-14.05
35	7293,333333	5009,183907		1	A	40711A00c	EGWO	7293,333333	4025,632477		A00c	40711A00c	EGWO	44	49	5	-9	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-10.15
25	6840,295521	5176,053092		57	A	40711A00c	STWO	6840,295521	4268,8526		A00c	40711A00c	STWO	38	38	0	-13	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-14.05
22	4740,643837	3677,84217		85	K	40738K90c	STWO	4740,643837	3529,310029		K90c	40738K90c	STWO	29	25	-4	-7	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-6.25
49	7074,603288	3291,93717		95	K	40746K45a	STWO	7074,603288	4083,752447		K45a	40746K45a	STWO	42	42	0	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	6761,292691	3288,38497		89	K	40746K45b	STWO	6761,292691	4031,754793		K45b	40746K45b	STWO	40	40	0	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	9609,271523	4466,168079		1	A	40762A07d	EGWO	9609,271523	3783,85027		A07d	40762A07d	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
35	7744,995822	5243,511783		47	A	40762A07d	STWO	7744,995822	4455,66911		A07d	40762A07d	STWO	43	42	-1	-8	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
13	4000,58306	3499,15736		29	N	40797N69l	STWO	4000,58306	3225,013074		N69l	40797N69l	STWO	11	18	7	2	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
49	7686,447338	2995,07702		273	E	40819E21b	STWO	7686,447338	4057,718753		E21b	40819E21b	STWO	47	47	0	2	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	1.55
48	6206,29339	3215,406186		70	K	40843K54c	STWO	6206,29339	3846,298906		K54c	40843K54c	STWO	39	38	-1	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
34	5128,45803	3406,78405		24	N	40894N65b	EGWO	5128,45803	3250,605365		N65b	40894N65b	EGWO	26	37	11	8	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	9.35
49	7000,048479	2949,976314		92	K	40916K52b	STWO	7000,048479	3892,535321		K52b	40916K52b	STWO	44	44	0	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
47	7599,034591	3543,163666		9	A	40932A05d	STWO	7599,034591	4032,584411		A05d	40932A05d	STWO	45	47	2	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
49	7158,780693	3623,609149		53	E	40932E13a	STWO	7158,780693	4146,136794		E13a	40932E13a	STWO	43	42	-1	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
48	6706,357731	3498,37445		28	E	40940E13a	STWO	6706,357731	4077,604531		E13a	40940E13a	STWO	42	39	-3	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	5.45
27	6571,073587	5185,889294		29	A	40959A01e	STWO	6571,073587	4150,352352		A01e	40959A01e	STWO	37	36	-1	-10	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
40	5532,577553	3300,812597		12	N	40967N63a	EGWO	5532,577553	3311,878383		N63a	40967N63a	EGWO	36	40	4	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
28	5271,36788	3761,85005		89	K	40975K90c	STWO	5271,36788	3734,28871		K90c	40975K90c	STWO	30	29	-1	-2	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
34	5344,249929	3448,061329		62	N	40983N66c	EGWO	5344,249929	2944,145166		N66c	40983N66c	EGWO	34	42	8	0	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
28	4240,774324	3572,021005		6	N	40983N66c	STWO	4240,774324	3425,07387		N66c	40983N66c	STWO	14	19	5	14	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	13.25
31	5424,337003	3790,406624		72	N	40983N66d	EGWO	5424,337003	3210,855406		N66d	40983N66d	EGWO	34	38	4	-3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
13	4531,823745	2709,73557		2	N	40983N66d	STWO	4531,823745	3301,276436		N66d	40983N66d	STWO	17	17	0	-4	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
47	7345,3275	3884,10857		58	K	41033K52h	STWO	7345,3275	4039,538971		K52h	41033K52h	STWO	46	46	0	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	9469,92945	3561,63628		9	K	41033K54c	EGWO	9362,045672	3865,188614		K54c	41033K54c	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
	7496,062992	4569,77		1	K	41033K54e	EGWO	7496,062992	3612,333858		K54e	41033K54e	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
33	5710,140194	3802,500907		28	F	41041F84c	EGWO	5710,140194	3415,180888		F84c	41041F84c	EGWO	33	42	9	0	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
	6272,727273	3592,859421		1	M	41092M34c	EGWO	6272,727273	3328,563423		M34c	41092M34c	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
	2561,765994			53	M	41092M34d	STWO	2561,765994			M34d	41092M34d	STWO						61,162.852		51.2	61,162.852			
46	8286,27451	5010,432693		2	N	41149N73h	EGWO	8286,27451	4505,913854		N73h	41149N73h	EGWO	43	49	6	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
46	7155,371874	3890,610273		25	N	41165N62b	EGWO	7155,371874	3955,721892		N62b	41165N62b	EGWO	40	45	5	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
44	7431,026145	4155,481761		31	A	41289A04h	STWO	7431,026145	4135,899539		A04h	41289A04h	STWO	43	44	1	1	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
46	4815,82185	2272,95514		2	N	41297N61b	EGWO	4815,82185	2351,373095		N61b	41297N61b	EGWO	40	48	8	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
40	5208,087776	3081,146906		58	N	41297N61b	STWO	5208,087776	3665,577279		N61b	41297N61b	STWO	27	29	2	13	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	13.25
28	3345,18084	2412,256039		36	T	41319T94i	EGWO	3345,18084	2188,744638		T94i	41319T94i	EGWO	29	35	6	-1	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-2.35
7	3613,710636	3698,628568		9	T	41319T94i	STWO	3613,710636	3216,794535		T94i	41319T94i	STWO	8	12	4	-1	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
25	4118,999275	3516,620891		3	T	41319T94j	EGWO	4129,493359	2490,981684		T94j	41319T94j	EGWO	26	36	10	-1	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	-2.35
28	3264,778159	2364,413156		19	T	41319T94k	EGWO	3264,778159	2160,508579		T94k	41319T94k	EGWO	26	34	8	2	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
5	4061,062521	3961,29115		22	T	41319T94k	STWO	4061,062521	3408,068828		T94k	41319T94k	STWO	5	16	11	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	1.55
	6344,444444	2401,38		1	F	41335F11d	STWO	6344,444444	3707,348651		F11d	41335F11d	STWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
5	3995,144462	4282,95589		155	T	41440T93b	STWO	3995,144462	3462,247726		T93b	41440T93b	STWO	5	8	3	0	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	1.55
5	3680,669577	4182,40817		80	T	41483T93b	STWO	3680,669577	3497,299893		T93b	41483T93b	STWO	5	6	1	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
	4019,607843	3350,28		2	F	41491F11a	EGWO	4019,607843	2759,58959		F11a	41491F11a	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
42	8481,481481			1	A	41572A09i	EGWO	8481,481481			A09i	41572A09i	EGWO		49			42.4	61,162.852		51.2	61,162.852			
37	6841,792826	3521,243458		165	A	41572A09i	STWO	6841,792826	3729,048039		A09i	41572A09i	STWO	38	39	1	-1	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-2.35
	6378,926996			357	T	41610T93f	STWO	6378,926996	4411,085426		T93f	41610T93f	STWO		6				61,162.852		352.4	61,162.852	4,711.837		
48	4765,108913	2464,532356		55	N	41629N74c	EGWO	4765,108913	2439,958773		N74c	41629N74c	EGWO	42	49	7	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
25	3745,303205	2784,698617		510	T	41645T94j	EGWO	3741,97253	2380,432417		T94j	41645T94j	EGWO	26	36	10	-1	24.8	61,162.852	3,773.36	553.2	61,162.852	4,711.837	9.5	-2.35
6	4394,853368	3475,2374		3	T	41645T94j	STWO	4394,853368	3837,460234		T94j	41645T94j	STWO	5	8	3	1	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
31	3457,142857	2390,44		6	T	41688T94b	EGWO	3457,142857	2191,394414		T94b	41688T94b	EGWO	26	37	11	5	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
14	3602,455757	2475,985447		2	T	41688T94b	STWO	3602,455757	3059,766159		T94b	41688T94b	STWO	8	9	1	6	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
21	3685,451875	2904,837703		20	T	41750T98a	EGWO	3685,451875	2554,722593		T98a	41750T98a	EGWO	21	30	9	0	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
26	3552,678605	2556,509384		74	T	41815T93i	EGWO	3527,960801	2292,885467		T93i	41815T93i	EGWO	21	34	13	5	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	13.9	5.45
	3311,407407			135	N	41858N74b	STWO	3311,407407			N74b	41858N74b	STWO						61,162.852		151.6	61,162.852			
25	4716,666667	3533,61		1	T	41866T98a	EGWO	4716,666667	2675,663365		T98a	41866T98a	EGWO	24	33	9	1	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
19	4116,54532	3523,297718		9	T	41866T98a	STWO	4116,54532	3378,071965		T98a	41866T98a	STWO	18	18	0	1	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
41	5821,710683	3396,635049		137	N	41912N67a	EGWO	5821,710683	3045,323193		N67a	41912N67a	EGWO	39	47	8	2	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	7.3	1.55
23	3520,642755	2731,708109		593	T	41920T94k	EGWO	3520,642755	2466,20832		T94k	41920T94k	EGWO	21	30	9	2	24.8	61,162.852	3,773.36	553.2	61,162.852	4,711.837	9.5	1.55
7	3942,676768	3303,253333		3	T	41920T94k	STWO	3942,676768	3640,142517		T94k	41920T94k	STWO	5	15	10	2	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
13	3164,943059	2789,846023		380	T	41947T94e	EGWO	3164,943059	2439,122324		T94e	41947T94e	EGWO	14	23	9	-1	11.6	61,162.852	3,773.36	352.4	61,162.852	4,711.837	9.5	-2.35
5	2539,077918	2915,34023		218	T	41963T94d	STWO	2539,077918	2999,58093		T94d	41963T94d	STWO	5	5	0	0	7.2	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	1.55
28	4356,69199	3144,850127		20	T	42005T98a	EGWO	4356,69199	2874,93781		T98a	42005T98a	EGWO	25	34	9	3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
44	31609,10511	6630,77393		40	N	42013N69c	EGWO	31609,10511	8238,081538		N69c	42013N69c	EGWO	35	45	10	9	42.4	61,162.852	7,085.2	51.2	61,162.852	10,468.296	9.5	9.35
11	3527,812659	3209,037302		640	N	42013N69c	STWO	3527,812659	3084,142604		N69c	42013N69c	STWO	13	12	-1	-2	11.6	61,162.852	3,773.36	653.6	61,162.852	4,711.837	-1.5	-2.35
	2017,493402			135	F	42188F11f	STWO	2017,493402			F11f	42188F11f	STWO						61,162.852		151.6	61,162.852			
22	4491,888682	3509,084938		34	N	42218N69j	STWO	4491,888682	3290,369085		N69j	42218N69j	STWO	21	27	6	1	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
	1956,521739	3321,63		1	F	42315F11d	STWO	1956,521739	3072,074127		F11d	42315F11d	STWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
34	6834,979926	4458,956966		27	N	42382N67a	EGWO	6834,979926	3971,998581		N67a	42382N67a	EGWO	35	41	6	-1	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-2.35
22	3654,184187	2885,080645		22	T	42439T98a	EGWO	3654,184187	2605,43959		T98a	42439T98a	EGWO	19	29	10	3	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55

25	3677,300183	2751,410061	[redacted]	15	T	42463T98a	EGWO	3677,300183	2529,675065	[redacted]	T98a	42463T98a	EGWO	21	31	10	4	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
46	6791,575092	3531,496997		2	N	42536N73h	EGWO	6791,575092	3224,550763		N73h	42536N73h	EGWO	43	49	6	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
30	3875,640506	2712,885039		37	T	42544T98a	EGWO	3875,640506	2379,289903		T98a	42544T98a	EGWO	29	38	9	1	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
24	4013,157895	2647,38		2	T	42544T98a	STWO	4013,157895	3267,134515		T98a	42544T98a	STWO	17	22	5	7	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
	5410,526316	4393,71		1	N	42552N68a	EGWO	5410,526316	3635,340612		N68a	42552N68a	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	7590,875576	3445,566964		2	K	42579K44d	EGWO	7590,875576			K44d	42579K44d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852		0.7	1.55
49	6727,664286	3182,046597		146	K	42579K44d	STWO	6727,664286	3963,024542		K44d	42579K44d	STWO	42	41	-1	7	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
	7016,129032	4603,83		1	K	42579K44f	EGWO	7016,129032	3545,788896		K44f	42579K44f	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
	3306,285527			136	T	42641T93f	STWO	3306,285527	3478,09005		T93f	42641T93f	STWO		5				61,162.852		151.6	61,162.852	4,711.837		
24	3872,028455	2948,620245		33	T	42692T93b	EGWO	3872,028455	2429,599056		T93b	42692T93b	EGWO	24	38	14	0	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	13.9	1.55
10	3839,584864	3278,297846		8	T	42692T93b	STWO	3839,584864	3174,140377		T93b	42692T93b	STWO	11	13	2	-1	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
19	3568,023982	2884,605272		21	T	42706T93b	EGWO	3568,023982	2416,291721		T93b	42706T93b	EGWO	23	32	9	-4	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	-2.35
27	4769,006288	4694,563364		187	A	42838A09b	STWO	4769,006288	3834,572086		A09b	42838A09b	STWO	32	33	1	-5	24.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-6.25
28	4961,387555	3531,54719		98	A	42854A09b	STWO	4961,387555	3334,134399		A09b	42854A09b	STWO	33	32	-1	-5	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
29	5331,017225	3801,950946		44	A	42870A09b	STWO	5331,017225	3501,310848		A09b	42870A09b	STWO	32	34	2	-3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
6	3281,317031	3426,885168		400	T	43087T94j	STWO	3281,317031	3168,63081		T94j	43087T94j	STWO	5	7	2	1	7.2	61,162.852	3,773.36	352.4	61,162.852	4,711.837	2.9	1.55
43	4805,666504	2755,981726		8	N	43095N70b	EGWO	4805,666504	2680,946584		N70b	43095N70b	EGWO	40	44	4	3	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
48	4781,704733	2464,133856		21	N	43109N70b	EGWO	4781,704733	2500,4836		N70b	43109N70b	EGWO	43	48	5	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
26	5206,349206	3790,738006		2	N	43109N70b	STWO	5206,349206	3793,855521		N70b	43109N70b	STWO	18	23	5	8	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	9.35
9	3739,620399	3587,317241		24	T	43168T94b	STWO	3739,620399	3233,760239		T94b	43168T94b	STWO	7	14	7	2	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
28	5058,453763	3795,004139		126	A	43281A09b	STWO	5058,453763	3584,03777		A09b	43281A09b	STWO	33	32	-1	-5	29.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	-6.25
27	5203,128514	3793,296442		81	A	43303A09b	STWO	5203,128514	3515,065433		A09b	43303A09b	STWO	30	32	2	-3	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
28	5336,310266	3864,247032		58	A	43311A09b	STWO	5336,310266	3494,420739		A09b	43311A09b	STWO	32	34	2	-4	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
5	3876,995444	3861,83811		128	N	43338N70c	STWO	3876,995444	3430,054837		N70c	43338N70c	STWO	9	11	2	-4	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	-2.35
45	4612,13246	2534,164863		17	N	43338N70d	EGWO	4612,13246	2500,784217		N70d	43338N70d	EGWO	38	45	7	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
5	3662,062253	3723,653365		104	N	43346N70c	STWO	3662,062253	3339,140778		N70c	43346N70c	STWO	7	10	3	-2	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	-2.35
5	3816,702182	3816,756652		64	N	43354N70c	STWO	3816,702182	3406,633997		N70c	43354N70c	STWO	11	11	0	-6	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
5	3817,737218	3748,628136		136	N	43362N70c	STWO	3817,737218	3376,446412		N70c	43362N70c	STWO	11	11	0	-6	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-6.25
5	3613,549858	3694,968685		96	N	43370N70c	STWO	3613,549858	3318,335517		N70c	43370N70c	STWO	10	10	0	-5	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
5	3903,100953	3829,779784		64	N	43389N70c	STWO	3903,100953	3424,069729		N70c	43389N70c	STWO	10	12	2	-5	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
44	4781,447503	2684,869905		5	N	43400N70d	EGWO	4781,447503	2658,478949		N70d	43400N70d	EGWO	36	44	8	8	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	9.35
38	3714,959444	2524,178549		25	N	43419N70d	EGWO	3714,959444	2350,012325		N70d	43419N70d	EGWO	36	40	4	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
5	3669,360566	3881,840925		71	N	43478N70d	STWO	3669,360566	3432,900612		N70d	43478N70d	STWO	6	7	1	-1	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
5	3867,030213	3904,055094		68	N	43486N70d	STWO	3867,030213	3469,419422		N70d	43486N70d	STWO	8	10	2	-3	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
5	3596,485215	3682,424656		87	N	43494N70d	STWO	3596,485215	3321,377497		N70d	43494N70d	STWO	6	8	2	-1	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
5	3873,881106	3965,12326		65	N	43508N70d	STWO	3873,881106	3497,122768		N70d	43508N70d	STWO	7	10	3	-2	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
5	3808,438873	3797,660719		38	N	43516N70d	STWO	3808,438873	3413,282579		N70d	43516N70d	STWO	7	11	4	-2	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
5	3544,80558	3615,968203		72	N	43524N70d	STWO	3544,80558	3285,758444		N70d	43524N70d	STWO	6	8	2	-1	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
5	3808,655323	3775,831877		55	N	43532N70d	STWO	3808,655323	3392,435633		N70d	43532N70d	STWO	8	11	3	-3	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
46	4866,690437	2647,247554		28	N	43540N70d	EGWO	4866,690437	2561,370441		N70d	43540N70d	EGWO	41	47	6	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
	6636,792453	3924,219408		2	N	43559N70c	EGWO	6636,792453	3478,83202		N70c	43559N70c	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
	3653,061224			1	T	43656T95b	EGWO	3653,061224			T95b	43656T95b	EGWO						61,162.852		51.2	61,162.852			
5	3376,785714	2295,875		2	T	43664T95a	STWO	3376,785714	2995,126857		T95a	43664T95a	STWO	5	6	1	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
5	3345,218815	3769,273748		52	T	43788T96b	STWO	3345,218815	3288,746838		T96b	43788T96b	STWO	5	5	0	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
5	3277,514188	3768,65341		44	T	43796T96b	STWO	3277,514188	3275,86213		T96b	43796T96b	STWO	5	5	0	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
5	3422,985714	3811,271273		43	T	43877T96b	STWO	3422,985714	3304,692133		T96b	43877T96b	STWO	5	5	0	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
5	3416,159681	3869,392079		19	T	43885T96b	STWO	3416,159681	3381,212908		T96b	43885T96b	STWO	5	5	0	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
5	3504,462997	3934,698848		28	T	43893T96b	STWO	3504,462997	3364,867135		T96b	43893T96b	STWO	5	5	0	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
5	3302,984285	3753,628951		37	T	43923T96b	STWO	3302,984285	3282,023294		T96b	43923T96b	STWO	5	5	0	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
5	3332,408043	3773,809115		23	T	43931T96b	STWO	3332,408043	3267,78396		T96b	43931T96b	STWO	5	5	0	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
37	6510,012948	3740,551031		9	A	43966A01e	STWO	6510,012948	3843,726901		A01e	43966A01e	STWO	41	41	0	-4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
34	6828,638685	3654,530018		8	A	43982A00a	STWO	6828,638685	3910,240936		A00a	43982A00a	STWO	43	43	0	-9	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-10.15
33	6168,740741	4427,959266		2	A	44008A01e	EGWO	6168,740741	3215,437719		A01e	44008A01e	EGWO	42	48	6	-9	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-10.15
6	3728,150595	3667,289448		429	T	44024T94j	STWO	3728,150595	3448,151667		T94j	44024T94j	STWO	5	9	4	1	7.2	61,162.852	3,773.36	452.8	61,162.852	4,711.837	2.9	1.55
34	5835,960679	3875,416587		8	M	44067M55c	STWO	5835,960679	3751,559742		M55c	44067M55c	STWO	30	36	6	4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
	3868,398501			349	T	44121T92d	STWO	3868,398501	3904,277295		T92d	44121T92d	STWO	5	5	0			61,162.852		352.4	61,162.852	4,711.837	0.7	
22	5055,935109	4045,840149		22	A	44245A09b	STWO	5055,935109	3533,508673		A09b	44245A09b	STWO	30	30	0	-8	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
6	3704,067096	3552,284031		32	F	44288F81a	STWO	3704,067096	3331,640548		F81a	44288F81a	STWO	9	10	1	-3	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
41	7638,095238	4610,1264		1	A	44296A04e	EGWO	7638,095238	3732,576049		A04e	44296A04e	EGWO	47	49	2	-6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
38	6345,718297	4032,083736		14	A	44296A04e	STWO	6345,718297	4089,194369		A04e	44296A04e	STWO	35	40	5	3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
	5361,602806	3706,225		2	F	44369F88c	EGWO	5361,602806	3601,658915		F88c	44369F88c	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
44	4914,42728	2764,776171		66	N	44393N70d	EGWO	4914,42728	2631,140069		N70d	44393N70d	EGWO	39	45	6	5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
44	4723,988937	2647,477566		32	N	44407N70d	EGWO	4723,988937	2576,527069		N70d	44407N70d	EGWO	39	45	6	5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
45	4817,311674	2652,976907		35	N	44415N70d	EGWO	4817,311674	2598,200087		N70d	44415N70d	EGWO	40	46	6	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
16	4310,450281	3628,31759		148	F	44458F89d	STWO	4310,450281	3662,457921		F89d	44458F89d	STWO	14	15	1	2	16	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
49	7575,547398	3932,639667		142	E	44504E40a	STWO	7575,547398	3704,153364		E40a	44504E40a	STWO	41	41	0	8	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
21	3251,727638	2552,094036		63	T	44512T97d	EGWO	3251,727638	2275,525534		T97d	44512T97d	EGWO	21	30	9	0	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
29	3612,206329	2564,948194		342	T	44539T96c	EGWO	3612,206329	2322,791645		T96c	44539T96c	EGWO	26	35	9	3	29.2	61,162.852	3,773.36	352.4	61,162.852	4,711.837	9.5	1.55
24	3529,905507	2694,623439		75	T	44539T96c	STWO	3529,905507	3171,842036		T96c	44539T96c	STWO	8	10	2	16	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	17.15
28	6274,447725	2964,552164		318	T	44547T96c	EGWO	6274,447725	2893,522378		T96c	44547T96c	EGWO	25	35	10	3	29.2	61,162.852	3,773.36	352.4	61,162.852	4,711.837	9.5	1.55
15	3619,972335	3263,247351		48	T	44547T96c	STWO	3619,972335	3565,468567		T96c	44547T96c	STWO	8	7	-1	7	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
29	3690,453195	2635,267828		134	T	44555T96c	EGWO	3690,453195	2366,20042		T96c	44555T96c	EGWO	24	35	11	5	29.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	11.7	5.45
15	3932,509105	3452,550733		5	T	44555T96c	STWO	3932,509105	3731,511078		T96c	44555T96c	STWO	8	7	-1	7	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
5	3118,780995	3482,565339		450	T	44563T95a	STWO	3118,780995	3162,845306		T95a	44563T95a	STWO	5	5	0	0	7.2	61,162.852	3,773.36	452.8	61,162.852	4,711.837	0.7	1.55
5	3300,860826	3531,830974		400	T	44571T95a	STWO	3300,860826	3188,948672		T95a	44571T95a	STWO	5	5	0	0	7.2	61,162.852	3,773.36	352.4	61,162.852	4,711.837	0.7	1.55
5	3343,174614	3648,36347		331	T	44598T95a	STWO	3343,174614	3266,682235		T95a	44598T95a	STWO	5	7	2	0	7.2	61,162.852	3,773.36	352.4	61,162.852	4,711.837	2.9	1.55
5	3139,245225	3556,36981		301	T	44628T95a	STWO	3139,245225	3179,646003		T95a	44628T95a	STWO	5	5	0	0	7.2	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	1.55
47	8058,287676	4261,803719		174	K	44679K23a	STWO	8058,287676	4302,40536		K23a	44679K23a	STWO	46	47	1	1	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
	2905,882353	2468,51		1	T	44717T92e	STWO	2905,882353	2962,535178		T92e	44717T92e	STWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
	4235,294118	2987,07		2	F	44741F11e	EGWO	4235,294118	2598,56802		F11e	44741F11e	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
35	5257,418745	4174,234528		17	E	44776E13d	STWO	5257,418745	3771,246937		E13d	44776E13d	STWO	31	30	-1	4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
5	3276,701146	3877,044328		245	T	44792T93f	STWO	3276,701146	3318,160841		T93f	44792T93f	STWO	5	5	0	0	7.2	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	1.55
36	8103,565541	5085,658683		3	A	44814A00e	EGWO	8103,565541	4038,94147		A00e	44814A00e	EGWO	44	49	5	-8	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-6.25

33	7026,312405	4697,320819	[redacted]	4	A	44814A00e	STWO	7026,312405	4061,71854	[redacted]	A00e	44814A00e	STWO	42	39	-3	-9	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-10.15
49	6605,178662	3061,014649		51	M	44873M30b	STWO	6605,178662	3835,013061		M30b	44873M30b	STWO	42	42	0	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
33	6978,120766	4661,481023		7	A	44962A01e	STWO	6978,120766	4142,786238		A01e	44962A01e	STWO	39	41	2	-6	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
49	6870,950465	2596,908396		20	A	45160A05a	EGWO	6870,950465	2717,640934		A05a	45160A05a	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
44	7519,564732	4249,35144		218	A	45160A05a	STWO	7519,564732	4165,614376		A05a	45160A05a	STWO	44	45	1	0	42.4	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	1.55
35	7238,212406	4720,259345		21	A	45829A08a	STWO	7238,212406	4257,217493		A08a	45829A08a	STWO	40	41	1	-5	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
33	4685,059677	3088,910984		57	M	45837M31c	STWO	4685,059677	3438,09464		M31c	45837M31c	STWO	27	30	3	6	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
47	6895,798038	4805,000872		20	K	45942K24d	STWO	6895,798038	4231,36852		K24d	45942K24d	STWO	39	38	-1	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
46	5496,897479	3996,843085		42	M	45950M27b	STWO	5496,897479	3730,689276		M27b	45950M27b	STWO	37	36	-1	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
35	3773,935385	2454,496667		6	F	45977F78d	EGWO	3773,935385	2313,011115		F78d	45977F78d	EGWO	26	39	13	9	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	13.9	9.35
13	3445,615748	2602,140226		57	T	46027T96d	STWO	3445,615748	3086,483028		T96d	46027T96d	STWO	9	11	2	4	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
5	3194,166422	3236,469286		96	T	46035T96d	STWO	3194,166422	3038,422169		T96d	46035T96d	STWO	6	7	1	-1	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
5	3143,287328	3254,396614		62	T	46051T96d	STWO	3143,287328	3041,664438		T96d	46051T96d	STWO	6	6	0	-1	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
5	3507,305802	3650,633078		75	T	46078T96d	STWO	3507,305802	3364,099896		T96d	46078T96d	STWO	6	7	1	-1	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
8	3767,311537	2998,336513		57	T	46086T96d	STWO	3767,311537	3351,038133		T96d	46086T96d	STWO	6	8	2	2	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
6	3462,237267	3412,170097		20	T	46116T96d	STWO	3462,237267	3159,891281		T96d	46116T96d	STWO	6	9	3	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
6	3532,088138	3381,30506		30	T	46116T96e	STWO	3532,088138	3325,811338		T96e	46116T96e	STWO	6	8	2	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
6	3489,541412	3404,336645		60	T	46132T96d	STWO	3489,541412	3156,698745		T96d	46132T96d	STWO	7	10	3	-1	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
6	3488,492686	3342,536076		79	T	46132T96e	STWO	3488,492686	3296,010369		T96e	46132T96e	STWO	6	7	1	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
7	3276,067411	3089,791129		62	T	46140T96d	STWO	3276,067411	3133,335761		T96d	46140T96d	STWO	6	8	2	1	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
6	3478,66681	3337,620298		40	T	46159T96e	STWO	3478,66681	3309,57055		T96e	46159T96e	STWO	5	7	2	1	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
6	3372,593687	3299,309036		55	T	46167T96d	STWO	3372,593687	3224,543727		T96d	46167T96d	STWO	6	8	2	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
5	3406,125329	3330,212783		49	T	46183T96d	STWO	3406,125329	3296,260804		T96d	46183T96d	STWO	5	6	1	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
8	3627,640124	3376,400674		107	T	46191T96e	STWO	3627,640124	3206,691464		T96e	46191T96e	STWO	6	9	3	2	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	1.55
6	3262,421107	3227,579998		62	T	46205T96e	STWO	3262,421107	3135,916972		T96e	46205T96e	STWO	5	6	1	1	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
8	3689,911689	3469,775782		88	T	46213T96e	STWO	3689,911689	3165,729882		T96e	46213T96e	STWO	5	7	2	3	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
7	3488,873588	3280,891611		125	T	46221T96e	STWO	3488,873588	3229,366072		T96e	46221T96e	STWO	7	8	1	0	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
5	3423,717266	3926,524946		7	T	46256T96e	STWO	3423,717266	3364,793368		T96e	46256T96e	STWO	5	5	0	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
5	3408,819279	3860,755865		116	T	46280T96e	STWO	3408,819279	3352,850526		T96e	46280T96e	STWO	5	6	1	0	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
31	6230,049382	4655,673755		33	E	46809E19b	STWO	6230,049382	4078,822545		E19b	46809E19b	STWO	31	34	3	0	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
31	6099,968048	4372,304566		10	E	46825E19b	STWO	6099,968048	3946,872475		E19b	46825E19b	STWO	33	34	1	-2	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
31	5996,96812	4438,749434		88	E	46833E19b	STWO	5996,96812	3967,644364		E19b	46833E19b	STWO	30	33	3	1	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
36	5354,287323	2532,3479		2	E	46841E19b	STWO	5354,287323	3427,528201		E19b	46841E19b	STWO	33	36	3	3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
39	6212,876551	3938,495934		10	A	46868A05c	STWO	6212,876551	3974,647627		A05c	46868A05c	STWO	39	36	-3	0	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	1.55
5	3915,398622	4407,369337		102	T	46906T93a	STWO	3915,398622	3642,12471		T93a	46906T93a	STWO	5	7	2	0	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	1.55
42	6420,204176	3735,865661		20	A	46930A05d	STWO	6420,204176	3995,57859		A05d	46930A05d	STWO	37	38	1	5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
42	7068,493151	3670,139863		1	A	46965A05d	STWO	7068,493151	3972,127905		A05d	46965A05d	STWO	42	43	1	0	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
39	6750,818139	3720,519204		2	A	47007A05c	STWO	6750,818139	3915,153903		A05c	47007A05c	STWO	39	41	2	0	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
49	9516,507304	4069,685375		12	N	47015N64c	EGWO	9516,507304	3976,130965		N64c	47015N64c	EGWO	47	49	2	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
38	7218,218218	4193,988877		4	A	47023A04e	STWO	7218,218218	4180,638124		A04e	47023A04e	STWO	39	40	1	-1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
5	3352,651641	3775,102359		38	T	47066T97b	STWO	3352,651641	3300,50869		T97b	47066T97b	STWO	5	6	1	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
5	3146,937426	3536,338112		80	T	47074T97b	STWO	3146,937426	3183,535575		T97b	47074T97b	STWO	5	5	0	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
5	3251,326775	3771,053251		84	T	47082T97b	STWO	3251,326775	3301,395472		T97b	47082T97b	STWO	5	5	0	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
5	3264,341045	3747,590544		46	T	47090T97b	STWO	3264,341045	3293,416316		T97b	47090T97b	STWO	5	5	0	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
5	3411,005941	3926,977056		100	T	47104T97b	STWO	3411,005941	3383,978619		T97b	47104T97b	STWO	5	5	0	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
5	3466,896591	3916,441737		12	T	47120T97a	STWO	3466,896591	3376,044108		T97a	47120T97a	STWO	5	7	2	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
5	3255,674077	3837,836843		40	T	47139T97a	STWO	3255,674077	3310,800194		T97a	47139T97a	STWO	5	5	0	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
5	3254,416849	3865,066611		135	T	47147T97a	STWO	3242,150371	3329,802276		T97a	47147T97a	STWO	5	6	1	0	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
5	3455,172039	3807,665071		90	T	47155T97a	STWO	3455,172039	3335,625057		T97a	47155T97a	STWO	5	7	2	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
5	3379,104026	3791,737206		132	T	47163T97a	STWO	3372,800781	3320,983363		T97a	47163T97a	STWO	6	6	0	-1	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-2.35
26	3015,659156	2294,265714		8	T	47171T97a	EGWO	2886,511064	2042,395385		T97a	47171T97a	EGWO	24	34	10	2	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
5	3157,952891	3868,503489		32	T	47171T97a	STWO	3157,952891	3313,392456		T97a	47171T97a	STWO	5	5	0	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
5	3523,30611	4047,940606		198	T	47201T97a	STWO	3523,30611	3441,57815		T97a	47201T97a	STWO	5	5	0	0	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
5	3485,079584	4009,326119		144	T	47228T97a	STWO	3485,079584	3425,958717		T97a	47228T97a	STWO	5	5	0	0	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
5	3754,223577	4322,953859		47	T	47236T97b	STWO	3754,223577	3406,480116		T97b	47236T97b	STWO	5	6	1	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
5	3589,855964	3950,191627		78	T	47244T97b	STWO	3589,855964	3384,755709		T97b	47244T97b	STWO	5	7	2	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
5	3446,35922	3892,619946		23	T	47260T97b	STWO	3446,35922	3356,353828		T97b	47260T97b	STWO	5	5	0	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
5	3256,36732	4077,413304		125	T	47279T97b	STWO	3256,36732	3310,805301		T97b	47279T97b	STWO	5	5	0	0	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
5	2772,289029	3070,764962		162	T	47295T97a	STWO	2772,289029	3103,033399		T97a	47295T97a	STWO	5	6	1	0	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
5	3180,48209	3951,718292		39	T	47295T97b	STWO	3180,48209	3302,014888		T97b	47295T97b	STWO	5	5	0	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
33	3573,93612	2385,419237		26	F	47325F83a	EGWO	3573,93612	2208,477412		F83a	47325F83a	EGWO	29	38	9	4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
5	3969,588551	3396,758364		4	F	47325F83a	STWO	3969,588551	3606,635273		F83a	47325F83a	STWO	7	8	1	-2	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
46	7200,363895	3022,545345		7	A	47368A07e	STWO	7200,363895	3954,125927		A07e	47368A07e	STWO	46	43	-3	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	1.55
5	3767,702102	4167,767254		107	T	47430T93a	STWO	3767,702102	3548,062354		T93a	47430T93a	STWO	5	7	2	0	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	1.55
5	3766,18047	3998,191279		39	T	47457T93a	STWO	3766,18047	3465,349034		T93a	47457T93a	STWO	6	8	2	-1	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
5	3795,757407	4226,736939		371	T	47465T93a	STWO	3795,757407	3476,454947		T93a	47465T93a	STWO	5	7	2	0	7.2	61,162.852	3,773.36	352.4	61,162.852	4,711.837	2.9	1.55
5	3755,522972	4169,061547		166	T	47473T93a	STWO	3755,522972	3488,095853		T93a	47473T93a	STWO	5	7	2	0	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	1.55
5	3879,220606	4308,156139		317	T	47481T93a	STWO	3879,220606	3445,24219		T93a	47481T93a	STWO	5	6	1	0	7.2	61,162.852	3,773.36	352.4	61,162.852	4,711.837	0.7	1.55
5	3743,37138	4246,44064		198	T	47503T93a	STWO	3743,37138	3464,894876		T93a	47503T93a	STWO	5	6	1	0	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
28	3645,18104	2611,239159		8	T	47511T93a	EGWO	3645,18104	2307,140745		T93a	47511T93a	EGWO	27	37	10	1	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
5	3888,624153	4207,302014		94	T	47511T93a	STWO	3888,624153	3559,155098		T93a	47511T93a	STWO	5	8	3	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
5	3837,348083	4142,742147		189	T	47538T93b	STWO	3837,348083	3482,178356		T93b	47538T93b	STWO	6	8	2	-1	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	-2.35
5	3879,513201	4194,538489		217	T	47546T93b	STWO	3879,513201	3411,131124		T93b	47546T93b	STWO	5	7	2	0	7.2	61,162.852	3,773.36	252	61,162.852	4,711.837	2.9	1.55
5	3997,701195	4317,44171		247	T	47554T93b	STWO	3997,701195	3486,221654		T93b	47554T93b	STWO	5	8	3	0	7.2	61,162.852	3,773.36	252	61,162.852	4,711.837	2.9	1.55
5	4102,391693	4408,915768		138	T	47562T93b	STWO	4094,14409	3541,893616		T93b	47562T93b	STWO	6	8	2	-1	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	-2.35
5	3848,13813	4163,940301		161	T	47570T93b	STWO	3837,616317	3464,487607		T93b	47570T93b	STWO	5	8	3	0	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	1.55
5	3900,599708	4303,923591		164	T	47589T93b	STWO	3900,599708	3502,767742		T93b	47589T93b	STWO	5	7	2	0	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	1.55
13	3546,915533	3918,319567		35	F	47635F82d	STWO	3546,915533	3376,098098		F82d	47635F82d	STWO	12	14	2	1	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
13	3639,916986	4206,074609		35	F	47643F82d	STWO	3639,916986	3432,384971		F82d	47643F82d	STWO	12	14	2	1	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
10	3980,503729			70	F	47651F82c	STWO	3980,503729			F82c	47651F82c	STWO	11	12	1	-1	11.6	61,162.852		51.2	61,162.852		0.7	-2.35
13	3601,722225	4174,732079		35	F	47686F82d	STWO	3601,722225	3445,728831		F82d	47686F82d	STWO	12	14	2	1	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
13	3568,430333	4066,186429		28	F	47708F82d	STWO	3568,430333	3415,492626		F82d	47708F82d	STWO	12	14	2	1	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
13	3632,084556	4198,423473		21	F	47716F82d	STWO	3632,084556	3451,683803		F82d	47716F82d	STWO	12	14	2	1	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55

13	3506,317469	4159,396249	[redacted]	35	F	47724F82d	STWO	3506,317469	3412,392776	[redacted]	F82d	47724F82d	STWO	12	14	2	1	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
29	3898,287903	2742,868454		11	F	47732F81a	EGWO	3898,287903	2486,610897		F81a	47732F81a	EGWO	28	36	8	1	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
8	3516,946452	2811,862702		29	F	47732F81a	STWO	3516,946452	3262,486769		F81a	47732F81a	STWO	9	10	1	-1	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	6872,21837	3381,26374		23	N	47740N73a	EGWO	6872,21837	3316,115523		N73a	47740N73a	EGWO	46	49	3	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
30	5141,344991	3714,131836		199	N	47775N61a	STWO	5141,344991	3802,493212		N61a	47775N61a	STWO	25	26	1	5	29.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
40	6588,651762	3782,189638		12	N	47783N61a	STWO	6588,651762	4220,503299		N61a	47783N61a	STWO	34	35	1	6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
39	5533,232955	3364,074923		21	N	47791N61a	STWO	5533,232955	3501,046099		N61a	47791N61a	STWO	31	33	2	8	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
	3534,050533	2755,615		2	N	47805N61a	EGWO	3534,050533	2542,557476		N61a	47805N61a	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
36	5302,600095	3391,104733		54	N	47805N61a	STWO	5302,600095	3378,403591		N61a	47805N61a	STWO	30	32	2	6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
40	5688,083802	3240,516213		90	N	47813N61a	STWO	5688,083802	3784,76339		N61a	47813N61a	STWO	33	33	0	7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
40	5635,052559	3479,21882		62	N	47821N61a	STWO	5635,052559	3991,466613		N61a	47821N61a	STWO	32	32	0	8	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
40	5742,029126	3293,405589		46	N	47848N61a	STWO	5742,029126	3810,404273		N61a	47848N61a	STWO	32	34	2	8	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
40	5602,739473	3484,156021		70	N	47856N61a	STWO	5602,739473	4002,027144		N61a	47856N61a	STWO	32	32	0	8	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
40	5814,702567	3302,271966		46	N	47864N61a	STWO	5814,702567	3824,399599		N61a	47864N61a	STWO	32	34	2	8	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
40	5675,989819	3275,292298		115	N	47872N61a	STWO	5675,989819	3802,37896		N61a	47872N61a	STWO	32	34	2	8	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	9.35
36	5068,256316	3287,613877		43	N	47899N61a	STWO	5068,256316	3679,27469		N61a	47899N61a	STWO	28	28	0	8	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
28	3951,12782	2834,561095		14	T	47910T96g	EGWO	3951,12782	2461,518231		T96g	47910T96g	EGWO	28	38	10	0	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
15	3779,787978	3588,98039		6	T	47910T96g	STWO	3779,787978	3414,150671		T96g	47910T96g	STWO	9	10	1	6	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
25	3655,57039	2738,283745		59	T	47929T96g	EGWO	3655,57039	2411,08436		T96g	47929T96g	EGWO	22	34	12	3	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	1.55
20	3801,450287	3285,704484		63	T	47929T96g	STWO	3801,450287	3342,08078		T96g	47929T96g	STWO	9	12	3	11	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
21	3779,028017	2969,278142		14	T	47988T96g	STWO	3779,028017	3336,904695		T96g	47988T96g	STWO	9	11	2	12	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	13.25
30	3475,697238	2417,814153		84	T	47996T96g	EGWO	3475,697238	2217,429257		T96g	47996T96g	EGWO	25	36	11	5	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
29	3601,743185	2544,961739		31	T	48003T96g	EGWO	3601,743185	2313,452277		T96g	48003T96g	EGWO	24	36	12	5	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
21	3754,001951	2970,388453		12	T	48003T96g	STWO	3754,001951	3341,586673		T96g	48003T96g	STWO	6	11	5	15	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	13.25
32	3697,952792	2514,842421		65	T	48011T96g	EGWO	3697,952792	2286,13507		T96g	48011T96g	EGWO	28	38	10	4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
32	3511,188191	2395,159918		39	T	48046T96g	EGWO	3511,188191	2212,18247		T96g	48046T96g	EGWO	25	37	12	7	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
26	3664,046992	2716,017653		25	T	48054T96g	EGWO	3664,046992	2357,492599		T96g	48054T96g	EGWO	25	36	11	1	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	1.55
32	3662,276919	2475,771024		43	T	48062T96g	EGWO	3662,276919	2270,153935		T96g	48062T96g	EGWO	27	38	11	5	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
24	3806,316796	2938,658515		11	T	48070T96g	EGWO	3806,316796	2581,685853		T96g	48070T96g	EGWO	21	32	11	3	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	1.55
26	3794,166352	2820,306703		36	T	48100T96g	EGWO	3794,166352	2446,274248		T96g	48100T96g	EGWO	26	36	10	0	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
28	4186,918285	3001,733068		11	T	48119T96g	EGWO	4186,918285	2530,463649		T96g	48119T96g	EGWO	30	40	10	-2	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	-2.35
28	3790,888056	2725,01014		55	T	48127T96g	EGWO	3790,888056	2380,02245		T96g	48127T96g	EGWO	29	37	8	-1	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	-2.35
42	6648,604965	4580,634554		78	K	48151K25c	STWO	6648,604965	4009,727626		K25c	48151K25c	STWO	38	37	-1	4	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
42	6568,628024	4341,542622		54	K	48178K25c	STWO	6568,628024	4147,684561		K25c	48178K25c	STWO	38	37	-1	4	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
13	4450,485428	4154,391082		37	F	48186F89a	STWO	4450,485428	3500,568943		F89a	48186F89a	STWO	15	17	2	-2	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
19	4702,099835	3837,549094		112	F	48194F89a	STWO	4702,099835	3552,379765		F89a	48194F89a	STWO	19	21	2	0	20.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	1.55
36	6140,613863	3684,885711		20	A	48208A09c	STWO	6140,613863	3891,674602		A09c	48208A09c	STWO	36	36	0	0	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
26	6585,536085	5197,393701		34	A	48216A09c	STWO	6585,536085	4018,222545		A09c	48216A09c	STWO	35	36	1	-9	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-10.15
26	5920,638103	5007,160773		57	A	48224A09c	STWO	5920,638103	3931,387034		A09c	48224A09c	STWO	30	32	2	-4	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
30	5250,279483	4248,545543		102	N	48232N61a	STWO	5250,279483	3732,163165		N61a	48232N61a	STWO	24	26	2	6	29.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	5.45
8	4366,191642	4234,341226		16	N	48240N65c	STWO	4366,191642	3725,008515		N65c	48240N65c	STWO	14	15	1	-6	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
8	4548,72625	4445,528764		43	N	48259N65c	STWO	4548,72625	3705,421254		N65c	48259N65c	STWO	11	14	3	-3	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
39	5376,812491	3161,393824		51	N	48275N65c	EGWO	5376,812491	2891,696646		N65c	48275N65c	EGWO	30	43	13	9	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	13.9	9.35
8	4243,995536	3955,5625		32	N	48275N65c	STWO	4243,995536	3599,674988		N65c	48275N65c	STWO	16	15	-1	-8	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
8	4463,601331	4187,999339		82	N	48283N65c	STWO	4463,601331	3690,299444		N65c	48283N65c	STWO	14	17	3	-6	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
8	4350,614304	4318,309447		30	N	48291N65c	STWO	4350,614304	3654,951801		N65c	48291N65c	STWO	11	13	2	-3	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
34	4324,854651	2870,204024		16	N	48305N65c	EGWO	4324,854651	2688,217225		N65c	48305N65c	EGWO	27	38	11	7	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
8	4359,838638	4089,95275		105	N	48305N65c	STWO	4359,838638	3588,254232		N65c	48305N65c	STWO	13	16	3	-5	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	-6.25
31	4148,849751	2864,265194		32	N	48313N65c	EGWO	4148,849751	2641,11934		N65c	48313N65c	EGWO	28	36	8	3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
8	4735,577035	4403,477666		31	N	48313N65c	STWO	4735,577035	3761,921174		N65c	48313N65c	STWO	16	19	3	-8	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
35	4597,17608	2989,430067		16	N	48321N65c	EGWO	4597,17608	2740,797214		N65c	48321N65c	EGWO	30	40	10	5	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
26	3498,357004	2595,429614		18	T	48348T96f	EGWO	3498,357004	2352,409823		T96f	48348T96f	EGWO	22	33	11	4	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
5	3365,929207	3633,198666		115	T	48356T96f	STWO	3365,929207	3315,913607		T96f	48356T96f	STWO	5	5	0	0	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
27	3557,34505	2599,591786		39	T	48372T96f	EGWO	3557,34505	2351,835586		T96f	48372T96f	EGWO	27	34	7	0	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
5	3212,928567	3550,904692		114	T	48380T96f	STWO	3212,928567	3268,576996		T96f	48380T96f	STWO	5	5	0	0	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
24	3706,026899	2822,533018		54	T	48399T96f	EGWO	3706,026899	2545,99411		T96f	48399T96f	EGWO	20	31	11	4	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
6	4226,190476	3478,421639		4	T	48399T96f	STWO	4226,190476	3720,339919		T96f	48399T96f	STWO	5	6	1	1	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
26	3668,773825	2729,908799		32	T	48402T96f	EGWO	3668,773825	2462,934748		T96f	48402T96f	EGWO	22	33	11	4	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
11	4365,079365	3533,282596		6	T	48402T96f	STWO	4365,079365	3751,414856		T96f	48402T96f	STWO	6	11	5	5	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
26	3731,922366	2777,454289		36	T	48410T96f	EGWO	3731,922366	2490,619627		T96f	48410T96f	EGWO	22	33	11	4	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
11	4380,952381	3540,101858		6	T	48410T96f	STWO	4380,952381	3754,966277		T96f	48410T96f	STWO	6	11	5	5	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
25	3720,749183	2772,026567		66	T	48429T96f	EGWO	3720,749183	2481,056739		T96f	48429T96f	EGWO	22	33	11	3	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	1.55
11	4380,952381	3540,101858		8	T	48429T96f	STWO	4380,952381	3754,966277		T96f	48429T96f	STWO	6	11	5	5	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
23	3907,260333	2999,74286		10	T	48437T96f	EGWO	3907,260333	2678,97237		T96f	48437T96f	EGWO	22	31	9	1	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
26	3212,831385	2348,865404		38	T	48445T96f	EGWO	3212,831385	2120,811203		T96f	48445T96f	EGWO	21	34	13	5	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	13.9	5.45
25	3572,611163	2663,98224		17	T	48453T96f	EGWO	3572,611163	2361,21549		T96f	48453T96f	EGWO	23	34	11	2	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	1.55
26	3552,510636	2637,459892		58	T	48488T96f	EGWO	3552,510636	2384,081966		T96f	48488T96f	EGWO	21	33	12	5	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
25	3623,981834	2700,587273		10	T	48496T96f	EGWO	3623,981834	2458,60578		T96f	48496T96f	EGWO	19	32	13	6	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	13.9	5.45
6	3608,247423	3645,573218		1	T	48496T96f	STWO	3608,247423	3180,624296		T96f	48496T96f	STWO	5	6	1	1	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
34	6698,609579	4414,507971		171	A	48542A09i	STWO	6698,609579	4121,861396		A09i	48542A09i	STWO	37	38	1	-3	33.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-2.35
40	5307,592198	3099,790653		73	M	48607M32b	STWO	5307,592198	3656,791332		M32b	48607M32b	STWO	32	31	-1	8	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
20	3432,154703	2755,358546		18	T	48615T94d	EGWO	3432,154703	2405,533486		T94d	48615T94d	EGWO	20	30	10	0	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
5	3692,948177	4246,732832		173	T	48615T94d	STWO	3692,948177	3430,819922		T94d	48615T94d	STWO	5	5	0	0	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
24	3697,066293	2807,095628		48	T	48631T94d	EGWO	3697,066293	2444,379678		T94d	48631T94d	EGWO	24	34	10	0	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
5	3785,25641	4473,735619		6	T	48631T94d	STWO	3785,25641	3688,898655		T94d	48631T94d	STWO	5	6	1	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
24	3857,843718	2923,650535		18	T	48658T94d	EGWO	3857,843718	2493,620694		T94d	48658T94d	EGWO	25	35	10	-1	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	-2.35
5	3929,487179	4518,841237		6	T	48658T94d	STWO	3929,487179	3721,168782		T94d	48658T94d	STWO	5	6	1	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
5	3454,077889	3910,04247		28	T	48666T94d	STWO	3454,077889	3398,588198		T94d	48666T94d	STWO	5	6	1	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
5	3590,53295	4106,972954		161	T	48674T94d	STWO	3590,53295	3425,299646		T94d	48674T94d	STWO	5	5	0	0	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
20	3409,914712	2750,245277		18	T	48682T94d	EGWO	3409,914712	2400,931397		T94d	48682T94d	EGWO	17	29	12	3	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	1.55
5	3422,405641	3871,111093		36	T	48682T94d	STWO	3422,405641	3380,653453		T94d	48682T94d	STWO	5	5	0	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
5	3540,512901	3916,759859		20	T	48690T94d	STWO	3540,512901	3401,515984		T94d	48690T94d	STWO	5	6	1	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
5	3006,943484	3524,451123		512	T	48712T94m	STWO	3006,943484	3015,255631		T94m	48712T94m	STWO	5	5	0	0	7.2	61,162.852	3,773.36	553.2	61,162.852	4,711.837	0.7	1.55

30	5625,874107	4249,492744	[redacted]	111	K	48747K90d	STWO	5625,874107	3832,869064	[redacted]	K90d	48747K90d	STWO	30	28	-2	0	29.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	1.55
22	5824,835882	4639,969761		12	E	48755E13b	STWO	5824,835882	4006,61343		E13b	48755E13b	STWO	29	31	2	-7	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
22	5726,805221	4488,645799		78	E	48763E13b	STWO	5726,805221	3836,77866		E13b	48763E13b	STWO	31	31	0	-9	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-10.15
23	5442,771254	4203,102968		40	E	48771E13b	STWO	5442,771254	3735,209081		E13b	48771E13b	STWO	33	30	-3	-10	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-10.15
34	5368,077629	4315,841938		25	E	48771E13c	STWO	5368,077629	3812,613352		E13c	48771E13c	STWO	36	31	-5	-2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-5.9	-2.35
23	5420,781894	4176,666774		38	E	48798E13b	STWO	5420,781894	3806,401202		E13b	48798E13b	STWO	37	30	-7	-14	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-5.9	-14.05
34	6228,46032	4676,534168		55	E	48801E13c	STWO	6202,502715	4033,193815		E13c	48801E13c	STWO	36	34	-2	-2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
25	6069,370278	4531,045963		78	E	48828E13b	STWO	6069,370278	3963,06005		E13b	48828E13b	STWO	36	34	-2	-11	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
26	6219,410144	4560,588164		492	E	48844E15d	STWO	6199,891589	3975,233207		E15d	48844E15d	STWO	33	34	1	-7	24.8	61,162.852	3,773.36	452.8	61,162.852	4,711.837	0.7	-6.25
7	3720,131594	3469,166032		28	T	48860T97d	STWO	3720,131594	3358,572507		T97d	48860T97d	STWO	5	10	5	2	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
20	3263,32403	2608,866842		19	T	48887T97d	EGWO	3263,32403	2310,106046		T97d	48887T97d	EGWO	20	29	9	0	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
7	3577,907823	3362,772388		28	T	48887T97d	STWO	3577,907823	3276,817295		T97d	48887T97d	STWO	5	9	4	2	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
26	3370,468	2492,082045		78	T	48895T97d	EGWO	3370,468	2265,137529		T97d	48895T97d	EGWO	22	33	11	4	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
24	3261,07453	2478,614545		44	T	48909T97d	EGWO	3261,07453	2233,254321		T97d	48909T97d	EGWO	20	31	11	4	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
26	3350,947869	2475,210022		56	T	48917T97d	EGWO	3350,947869	2245,980681		T97d	48917T97d	EGWO	22	33	11	4	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
6	3548,965052	3359,408956		9	T	48925T97d	STWO	3548,965052	3276,012088		T97d	48925T97d	STWO	5	8	3	1	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
23	3407,48729	2621,198869		149	T	48933T97d	EGWO	3403,348486	2320,567004		T97d	48933T97d	EGWO	22	32	10	1	24.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	9.5	1.55
7	3718,813927	3501,026814		6	T	48933T97d	STWO	3718,813927	3391,347887		T97d	48933T97d	STWO	5	9	4	2	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
21	3312,962079	2602,894286		35	T	48941T97d	EGWO	3312,962079	2309,325953		T97d	48941T97d	EGWO	21	30	9	0	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
8	3651,037362	3372,259078		16	T	48941T97d	STWO	3651,037362	3288,198589		T97d	48941T97d	STWO	5	10	5	3	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
25	3471,264422	2590,750751		108	T	48968T97d	EGWO	3471,264422	2317,094286		T97d	48968T97d	EGWO	24	33	9	1	24.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	9.5	1.55
19	3307,417313	2677,268161		20	T	48976T97d	EGWO	3307,417313	2375,977983		T97d	48976T97d	EGWO	20	28	8	-1	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	-2.35
29	3555,100094	2484,590415		24	T	48984T97d	EGWO	3555,100094	2275,388548		T97d	48984T97d	EGWO	27	36	9	2	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
7	3641,903734	3443,399806		8	T	48984T97d	STWO	3641,903734	3351,620122		T97d	48984T97d	STWO	5	8	3	2	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
5	3347,348353	3260,891908		166	T	48992T97d	STWO	3347,348353	3225,351515		T97d	48992T97d	STWO	5	6	1	0	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
24	3305,187751	2496,642142		26	T	49018T97d	EGWO	3305,187751	2226,948886		T97d	49018T97d	EGWO	18	33	15	6	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	13.9	5.45
24	3568,626768	2699,154598		27	T	49026T97d	EGWO	3568,626768	2370,804365		T97d	49026T97d	EGWO	21	34	13	3	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	13.9	1.55
42	4752,130186	2733,719313		8	M	49050M33i	STWO	4752,130186	3440,341414		M33i	49050M33i	STWO	34	27	-7	8	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-5.9	9.35
44	6067,821976	3403,382281		60	A	49085A09d	STWO	6067,821976	3714,608763		A09d	49085A09d	STWO	33	38	5	11	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	9.35
19	5701,17291	4650,860413		69	A	49093A09d	STWO	5701,17291	3766,171967		A09d	49093A09d	STWO	30	31	1	-11	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-10.15
39	5965,143036	3653,318842		54	A	49107A09d	STWO	5965,143036	3848,494315		A09d	49107A09d	STWO	35	36	1	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
5	3917,793642	4187,003126		42	F	49115F81d	STWO	3917,793642	3557,614352		F81d	49115F81d	STWO	8	9	1	-3	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
5	4025,191378	4228,15294		14	F	49131F81d	STWO	4025,191378	3582,474783		F81d	49131F81d	STWO	9	11	2	-4	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
29	3661,814145	2614,597528		60	T	49158T97c	EGWO	3661,814145	2344,729924		T97c	49158T97c	EGWO	26	36	10	3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
26	3660,364912	2718,621529		59	T	49166T97c	EGWO	3660,364912	2421,214255		T97c	49166T97c	EGWO	25	34	9	1	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
25	3737,93855	2831,534923		71	T	49174T97c	EGWO	3737,93855	2490,910325		T97c	49174T97c	EGWO	24	34	10	1	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
25	3709,470167	2797,777641		133	T	49182T97c	EGWO	3709,470167	2469,950309		T97c	49182T97c	EGWO	24	33	9	1	24.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	9.5	1.55
25	3749,864652	2804,432939		88	T	49190T97c	EGWO	3749,864652	2468,692631		T97c	49190T97c	EGWO	25	34	9	0	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
20	3151,513216	2525,535575		133	T	49204T97c	EGWO	3151,513216	2234,364081		T97c	49204T97c	EGWO	20	29	9	0	20.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	9.5	1.55
26	3749,099931	2781,70967		128	T	49212T97c	EGWO	3744,127244	2448,372552		T97c	49212T97c	EGWO	25	35	10	1	24.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	9.5	1.55
25	3850,4328	2881,483554		111	T	49220T97c	EGWO	3850,4328	2516,39139		T97c	49220T97c	EGWO	26	35	9	-1	24.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	9.5	-2.35
28	3635,879998	2607,887528		93	T	49239T97c	EGWO	3635,879998	2329,014165		T97c	49239T97c	EGWO	26	36	10	2	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
26	3796,238785	2828,765854		21	T	49247T97c	EGWO	3796,238785	2469,159472		T97c	49247T97c	EGWO	26	35	9	0	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
26	3707,375796	2755,486912		31	T	49255T97c	EGWO	3707,375796	2432,137914		T97c	49255T97c	EGWO	26	34	8	0	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
25	3967,211226	2986,545254		21	T	49263T97c	EGWO	3967,211226	2616,371079		T97c	49263T97c	EGWO	26	34	8	-1	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	-2.35
26	3645,833333	2688,053018		15	T	49271T97c	EGWO	3645,833333	2398,095232		T97c	49271T97c	EGWO	25	34	9	1	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
29	3819,70096	2694,662599		44	T	49298T97c	EGWO	3804,42656	2358,253656		T97c	49298T97c	EGWO	28	38	10	1	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
24	3490,996658	2660,461785		55	T	49301T97c	EGWO	3490,996658	2365,671417		T97c	49301T97c	EGWO	23	32	9	1	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
	3560,97561	2117,44		1	T	49301T97c	STWO	3509,343526	3002,381094		T97c	49301T97c	STWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
23	3706,287044	2853,558809		20	T	49328T97c	EGWO	3706,287044	2570,065516		T97c	49328T97c	EGWO	22	31	9	1	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
23	3396,206226	2598,927629		15	T	49336T97c	EGWO	3396,206226	2343,336863		T97c	49336T97c	EGWO	20	31	11	3	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	1.55
26	3630,702003	2690,870614		44	T	49344T97c	EGWO	3630,702003	2369,388323		T97c	49344T97c	EGWO	25	34	9	1	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
25	3524,052796	2652,744349		34	T	49352T97c	EGWO	3524,052796	2368,265994		T97c	49352T97c	EGWO	23	33	10	2	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
24	4061,633544	3068,180432		60	T	49360T97c	EGWO	4061,633544	2643,910325		T97c	49360T97c	EGWO	27	35	8	-3	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	-2.35
27	4281,812125	3145,280993		19	F	49409F81e	EGWO	4281,812125	2736,263045		F81e	49409F81e	EGWO	29	36	7	-2	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	-2.35
6	4179,77206	4668,251309		18	F	49409F81e	STWO	4179,77206	3480,817483		F81e	49409F81e	STWO	8	9	1	-2	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
28	4059,354226	2973,892924		26	F	49476F81d	EGWO	4059,354226	2635,841992		F81d	49476F81d	EGWO	28	35	7	0	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
5	3889,085588	4277,339677		85	F	49484F81d	STWO	3889,085588	3585,932992		F81d	49484F81d	STWO	7	8	1	-2	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
5	3864,872411	4172,341907		21	F	49506F81d	STWO	3864,872411	3547,75555		F81d	49506F81d	STWO	6	8	2	-1	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
48	6608,203066	3939,175437		76	E	49530E20b	STWO	6608,203066	3974,420464		E20b	49530E20b	STWO	41	40	-1	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
48	6671,767571	3938,017063		67	E	49549E20b	STWO	6671,767571	3957,949548		E20b	49549E20b	STWO	40	39	-1	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
48	7084,105658	3691,048159		20	E	49557E20b	STWO	7084,105658	3879,059608		E20b	49557E20b	STWO	46	45	-1	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	7724,164417	3594,9683		32	E	49573E20b	STWO	7724,164417	3771,967291		E20b	49573E20b	STWO	44	43	-1	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	7506,869703	3832,187348		14	E	49581E20b	STWO	7506,869703	3953,555456		E20b	49581E20b	STWO	44	43	-1	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
28	5366,906949	3876,843578		214	K	49603K91b	STWO	5366,906949	3735,560003		K91b	49603K91b	STWO	32	30	-2	-4	29.2	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	-2.35
30	5352,78003	3772,234992		80	K	49611K91b	STWO	5352,78003	3659,308585		K91b	49611K91b	STWO	32	32	0	-2	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
34	5955,461087	3946,766119		98	K	49638K91a	STWO	5955,461087	3765,276501		K91a	49638K91a	STWO	37	37	0	-3	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
32	5269,006076	3590,808958		41	K	49646K91b	STWO	5269,006076	3614,870967		K91b	49646K91b	STWO	34	31	-3	-2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-2.35
31	5238,642431	3607,306387		42	K	49654K91b	STWO	5238,642431	3610,929441		K91b	49654K91b	STWO	34	31	-3	-3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-2.35
33	5594,632213	3725,030211		42	K	49662K91b	STWO	5594,632213	3691,8512		K91b	49662K91b	STWO	34	34	0	-1	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
35	5400,031164	3522,077983		48	K	49670K91b	STWO	5400,031164	3522,867054		K91b	49670K91b	STWO	36	35	-1	-1	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
38	5897,759536	3652,265715		48	K	49689K91a	STWO	5897,759536	3634,228575		K91a	49689K91a	STWO	39	38	-1	-1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
36	5607,979809	3578,468145		36	K	49697K91a	STWO	5607,979809	3611,39599		K91a	49697K91a	STWO	36	36	0	0	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
36	5620,292826	3585,216627		36	K	49700K91a	STWO	5620,292826	3619,161436		K91a	49700K91a	STWO	36	36	0	0	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
35	5599,917139	3615,344984		103	K	49719K91a	STWO	5599,917139	3605,887319		K91a	49719K91a	STWO	35	36	1	0	33.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
42	5959,183193	3444,698131		39	A	49727A09i	STWO	5959,183193	3766,125225		A09i	49727A09i	STWO	38	37	-1	4	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
33	4758,104586	3138,460842		131	K	49816K91c	STWO	4758,104586	3426,116793		K91c	49816K91c	STWO	29	32	3	4	33.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	5.45
35	4686,602011	3058,133275		8	F	49824F78a	EGWO	4686,602011	2734,934683		F78a	49824F78a	EGWO	35	42	7	0	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
38	5993,323983	3551,482634		62	A	49905A00e	STWO	5993,323983	3825,404134		A00e	49905A00e	STWO	42	36	-6	-4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-5.9	-2.35
29	3825,592988	2565,740222		32	T	49956T98a	EGWO	3825,592988	2279,248307		T98a	49956T98a	EGWO	23	35	12	6	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
48	7792,261905	3576,03421		3	N	49964N64c	EGWO	7792,261905	3374,846064		N64c	49964N64c	EGWO	42	49	7	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
21	4587,267977	3602,510611		142	N	49980N69j	STWO	4587,267977	3521,622317		N69j	49980N69j	STWO	19	21	2	2	20.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	1.55
32	4898,008836	3326,12644		64	N	49999N71f	STWO	4898,008836	3564,1825		N71f	49999N71f	STWO	22	28	6	10	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	9.35

29	5308,72522	3693,165357	[redacted]	204	N	50008N71f	STWO	5308,72522	3852,431201	[redacted]	N71f	50008N71f	STWO	27	26	-1	2	29.2	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	1.55
29	5100,007011	3649,925099		120	N	50032N71f	STWO	5100,007011	3664,016332		N71f	50032N71f	STWO	22	29	7	7	29.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	7.3	5.45
	3761,777835	3742,427173		880	N	50040N71f	STWO	3761,777835	3980,793702		N71f	50040N71f	STWO	22					61,162.852	3,773.36	854.4	61,162.852	4,711.837		
30	3521,815502	2449,111306		19	T	50059T98a	EGWO	3521,815502	2273,585383		T98a	50059T98a	EGWO	25	35	10	5	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
30	3760,697549	2518,903969		21	T	50067T98a	EGWO	3760,697549	2290,925237		T98a	50067T98a	EGWO	25	36	11	5	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
26	3867,060756	2862,185703		25	T	50075T98a	EGWO	3867,060756	2503,770653		T98a	50075T98a	EGWO	26	35	9	0	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
48	6522,935044	4771,698694		20	M	50083M27a	STWO	6522,935044	4159,549109		M27a	50083M27a	STWO	38	37	-1	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
49	6377,476514	2949,034252		105	M	50091M28a	STWO	6377,476514	3828,184381		M28a	50091M28a	STWO	41	41	0	8	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
43	6226,671413	4338,231645		46	M	50105M28a	STWO	6226,671413	3978,950472		M28a	50105M28a	STWO	35	35	0	8	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
43	6632,117292	4591,486056		73	M	50113M28a	STWO	6632,117292	4110,975333		M28a	50113M28a	STWO	34	37	3	9	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
46	6505,500952	3512,912222		138	M	50164M30a	STWO	6505,500952	4084,154832		M30a	50164M30a	STWO	37	37	0	9	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
16	5297,544556	4593,850306		36	N	50172N62a	STWO	5297,544556	3877,511245		N62a	50172N62a	STWO	20	23	3	-4	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
37	5471,043196	3486,353785		15	N	50172N74a	EGWO	5471,043196	2901,776967		N74a	50172N74a	EGWO	40	47	7	-3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	-2.35
39	5133,070253	2903,693633		28	N	50180N62a	EGWO	5133,070253	2861,495002		N62a	50180N62a	EGWO	37	42	5	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
40	4741,874184	2835,249888		9	N	50199N68d	EGWO	4741,874184	2695,034034		N68d	50199N68d	EGWO	37	43	6	3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
40	4295,04485	2561,333732		17	N	50202N68d	EGWO	4295,04485	2468,559016		N68d	50202N68d	EGWO	36	43	7	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
43	4489,354351	2515,730022		25	F	50210F89a	EGWO	4489,354351	2460,633181		F89a	50210F89a	EGWO	37	44	7	6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
	8368,421053	3573,6958		1	E	50253E22b	EGWO	8948,951981	3436,014496		E22b	50253E22b	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	7867,824469	3176,413895		18	E	50253E22b	STWO	7867,824469	4130,272835		E22b	50253E22b	STWO	48	47	-1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
11	3600,322433	3446,3585		40	F	51705F84b	STWO	3600,322433	3160,626504		F84b	51705F84b	STWO	11	13	2	0	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
35	4122,224361	2678,216667		12	F	51713F84a	EGWO	4122,224361	2527,737404		F84a	51713F84a	EGWO	31	39	8	4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
14	4029,579916	4133,276805		28	F	51713F84a	STWO	4029,579916	3594,911726		F84a	51713F84a	STWO	9	11	2	5	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
38	4260,889605	2663,099613		31	F	51721F84a	EGWO	4260,889605	2484,234906		F84a	51721F84a	EGWO	34	42	8	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
24	4033,701356	2827,74503		6	F	51721F84a	STWO	4033,701356	3309,278658		F84a	51721F84a	STWO	17	18	1	7	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
38	4216,75912	2575,787326		30	F	51748F84a	EGWO	4216,75912	2431,079452		F84a	51748F84a	EGWO	31	41	10	7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
14	3850	3560,565		48	F	51748F84a	STWO	3850	3358,718483		F84a	51748F84a	STWO	10	13	3	4	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
19	3800	2586,56		1	F	51756F84a	STWO	3800	3191,968592		F84a	51756F84a	STWO	13	14	1	6	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
34	4066,405098	2695,194628		68	F	51764F84a	EGWO	4066,405098	2468,008546		F84a	51764F84a	EGWO	30	39	9	4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
24	3827,659136	2826,727997		64	F	51764F84a	STWO	3827,659136	3191,246047		F84a	51764F84a	STWO	14	16	2	10	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
38	4065,127326	2523,705675		16	F	51772F84a	EGWO	4065,127326	2388,905972		F84a	51772F84a	EGWO	34	41	7	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
37	4051,933058	2541,03969		21	F	51780F84a	EGWO	4051,933058	2427,225346		F84a	51780F84a	EGWO	30	40	10	7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
38	4193,361491	2614,810042		62	F	51799F84a	EGWO	4193,361491	2453,678356		F84a	51799F84a	EGWO	32	41	9	6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
24	3864,001908	2790,697099		6	F	51799F84a	STWO	3864,001908	3271,310181		F84a	51799F84a	STWO	14	15	1	10	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
24	3885,526316	2649,880017		8	F	51802F84a	STWO	3885,526316	3224,841247		F84a	51802F84a	STWO	15	17	2	9	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
38	4100,951796	2559,822919		54	F	51810F84a	EGWO	4100,951796	2413,124511		F84a	51810F84a	EGWO	32	41	9	6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
19	3652,286513	2767,126667		3	F	51810F84a	STWO	3652,286513	3223,941074		F84a	51810F84a	STWO	13	14	1	6	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
38	4104,534567	2539,757252		72	F	51829F84a	EGWO	4104,534567	2411,491775		F84a	51829F84a	EGWO	31	41	10	7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
24	3763,412453	2714,875097		19	F	51829F84a	STWO	3763,412453	3229,923092		F84a	51829F84a	STWO	10	14	4	14	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	13.25
35	3928,571429	2538,95		8	F	51837F84a	EGWO	3928,571429	2346,087704		F84a	51837F84a	EGWO	33	40	7	2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
24	3788,611475	2687,178612		8	F	51837F84a	STWO	3788,611475	3217,628306		F84a	51837F84a	STWO	13	15	2	11	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
49	7680,572379	3182,15026		37	K	51845K25a	STWO	7680,572379	3943,670105		K25a	51845K25a	STWO	47	45	-2	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
39	4699,295544	2771,113294		8	N	51861N65c	EGWO	4699,295544	2549,770012		N65c	51861N65c	EGWO	30	43	13	9	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	13.9	9.35
13	4523,590841	3939,810959		55	N	51861N65c	STWO	4523,590841	3636,942355		N65c	51861N65c	STWO	17	19	2	-4	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
39	4536,035201	2664,526565		98	N	51888N65c	EGWO	4536,035201	2514,626492		N65c	51888N65c	EGWO	35	43	8	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
11	4513,658474	4038,150229		36	N	51888N65c	STWO	4513,658474	3683,292525		N65c	51888N65c	STWO	19	18	-1	-8	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
39	4322,590295	2601,683837		22	N	51896N65c	EGWO	4322,590295	2499,744914		N65c	51896N65c	EGWO	30	42	12	9	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	9.35
8	4200	3983,09		10	N	51896N65c	STWO	4200	3599,717189		N65c	51896N65c	STWO	16	14	-2	-8	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
39	4764,941022	2801,213189		10	N	51918N65c	EGWO	4764,941022	2554,514437		N65c	51918N65c	EGWO	35	43	8	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
14	4634,804618	3964,748205		55	N	51918N65c	STWO	4634,804618	3660,954119		N65c	51918N65c	STWO	21	21	0	-7	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
13	4037,865148	3570,962667		45	N	51926N65c	STWO	4037,865148	3526,316313		N65c	51926N65c	STWO	16	13	-3	-3	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-2.35
13	4499,555556	3893,02849		30	N	51934N65c	STWO	4499,555556	3620,166329		N65c	51934N65c	STWO	20	19	-1	-7	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
13	4603,072985	3998,972744		63	N	51969N65c	STWO	4603,072985	3663,499193		N65c	51969N65c	STWO	20	20	0	-7	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
19	4221,317148	4224,812046		15	T	52000T98a	STWO	4221,317148	3447,17685		T98a	52000T98a	STWO	17	22	5	2	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
49	9566,153846	2362,2723		1	K	52027K47c	EGWO	9566,153846			K47c	52027K47c	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852			
49	7996,805112	3158,9719		1	K	52027K47f	EGWO	7996,805112			K47f	52027K47f	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852		0.7	1.55
49	5820,627032	2634,772145		6	K	52027K47f	STWO	5820,627032	4052,901953		K47f	52027K47f	STWO	48	48	0	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
42	6115,461065	3518,124439		18	M	52035M33h	EGWO	6115,461065	3223,972141		M33h	52035M33h	EGWO	46	48	2	-4	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
15	4546,979071	3795,664219		70	M	52035M33h	STWO	4546,979071	3574,125637		M33h	52035M33h	STWO	21	20	-1	-6	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
13	5104,209454	4513,608637		111	M	52043M33h	STWO	5104,209454	3824,303397		M33h	52043M33h	STWO	26	24	-2	-13	11.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	-14.05
17	4872,135238	3953,231063		91	M	52051M33h	STWO	4872,135238	3674,114923		M33h	52051M33h	STWO	24	23	-1	-7	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
13	5073,421819	4503,287454		80	M	52078M33h	STWO	5073,421819	3818,254569		M33h	52078M33h	STWO	25	24	-1	-12	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-10.15
23	5322,423431	3974,548855		93	M	52086M33h	STWO	5322,423431	3784,402749		M33h	52086M33h	STWO	28	28	0	-5	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
21	5774,175025	4557,510504		114	M	52094M33h	STWO	5774,175025	3966,55906		M33h	52094M33h	STWO	30	30	0	-9	20.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-10.15
32	6303,444576	4665,917026		109	A	52116A09i	STWO	6303,444576	4040,303885		A09i	52116A09i	STWO	34	35	1	-2	33.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-2.35
42	6588,90807	3555,312715		71	A	52124A09i	STWO	6588,90807	3884,484717		A09i	52124A09i	STWO	40	41	1	2	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
35	4469,512698	2828,77672		23	F	52167F77c	EGWO	4469,512698	2647,357339		F77c	52167F77c	EGWO	32	41	9	3	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
35	4450,70708	2720,332494		9	F	52175F77c	EGWO	4450,70708	2535,198233		F77c	52175F77c	EGWO	34	41	7	1	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
35	4415,073337	2753,664302		6	F	52183F77c	EGWO	4415,073337	2544,747592		F77c	52183F77c	EGWO	32	41	9	3	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
35	4473,504246	2827,319982		10	F	52191F77c	EGWO	4473,504246	2651,809451		F77c	52191F77c	EGWO	31	41	10	4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
35	4256,518955	2775,540338		16	F	52205F77c	EGWO	4256,518955	2578,915094		F77c	52205F77c	EGWO	30	39	9	5	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
35	4627,321033	2957,274514		8	F	52213F77c	EGWO	4627,321033	2749,716355		F77c	52213F77c	EGWO	32	41	9	3	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
35	4470,221125	2906,457942		5	F	52221F77c	EGWO	4470,221125	2764,879983		F77c	52221F77c	EGWO	30	38	8	5	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
35	4775,456406	3110,671944		15	N	52264N66g	EGWO	4775,456406	2740,9088		N66g	52264N66g	EGWO	33	43	10	2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
38	4150,281955	2558,616684		13	N	52272N66g	EGWO	4150,281955	2428,696994		N66g	52272N66g	EGWO	32	42	10	6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
33	4023,550725	2713,926667		6	N	52280N66g	EGWO	4023,550725	2507,898043		N66g	52280N66g	EGWO	32	38	6	1	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
33	4021,73913	2713,926667		6	N	52299N66g	EGWO	4021,73913	2507,523173		N66g	52299N66g	EGWO	32	38	6	1	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
36	3936,675256	2507,309935		11	N	52302N66g	EGWO	3936,675256	2382,927374		N66g	52302N66g	EGWO	34	40	6	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
8	4597,81301	4235,07173		88	N	52310N66g	STWO	4597,81301	3738,476514		N66g	52310N66g	STWO	14	19	5	-6	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-6.25
7	4511,812195	4261,26849		78	N	52329N66g	STWO	4511,812195	3741,118432		N66g	52329N66g	STWO	10	17	7	-3	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	-2.35
34	4330,058058	2879,589512		6	N	52337N66g	EGWO	4330,058058	2651,16222		N66g	52337N66g	EGWO	31	39	8	3	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
8	4236,535769	3926,677254		100	N	52337N66g	STWO	4236,535769	3551,163671		N66g	52337N66g	STWO	15	16	1	-7	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
32	3780,558858	2556,033889		18	N	52345N66g	EGWO	3780,558858	2353,53155		N66g	52345N66g	EGWO	33	38	5	-1	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-2.35
36	4020,113331	2560,303721		22	N	52353N66g	EGWO	4020,113331	2414,23435		N66g	52353N66g	EGWO	32	40	8	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45

33	3870,419382	2582,7815	[redacted]	20	N	52361N66g	EGWO	3870,419382	2396,480042	[redacted]	N66g	52361N66g	EGWO	33	38	5	0	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
33	3861,497933	2603,974		10	N	52388N66g	EGWO	3861,497933	2411,844349		N66g	52388N66g	EGWO	33	38	5	0	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
37	4169,473615	2609,484682		9	N	52396N66g	EGWO	4169,473615	2427,560683		N66g	52396N66g	EGWO	35	42	7	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
9	4105,913198	3948,498014		147	N	52434N66g	STWO	4105,913198	3479,818828		N66g	52434N66g	STWO	10	15	5	-1	7.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	5.1	-2.35
27	4979,074831	4325,834289		15	N	52442N60c	STWO	4979,074831	3862,175414		N60c	52442N60c	STWO	20	24	4	7	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
27	4955,611022	4293,56286		15	N	52469N60c	STWO	4955,611022	3849,622717		N60c	52469N60c	STWO	19	24	5	8	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	9.35
48	5338,206408	2796,175708		23	N	52477N70f	EGWO	5338,206408	2641,152694		N70f	52477N70f	EGWO	43	49	6	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
9	5155,733305	4738,37855		67	N	52477N70f	STWO	5155,733305	3809,314438		N70f	52477N70f	STWO	18	22	4	-9	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-10.15
27	5026,517274	4306,889951		15	N	52485N60c	STWO	5026,517274	3888,276867		N60c	52485N60c	STWO	20	24	4	7	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
49	5204,861111			1	M	52515M29c	EGWO	5204,861111			M29c	52515M29c	EGWO	49	49	0	0	46.8	61,162.852		51.2	61,162.852		0.7	1.55
47	6629,758171	3519,938353		34	M	52515M29c	STWO	6629,758171	3839,560129		M29c	52515M29c	STWO	42	42	0	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
33	4828,006173	3140,783509		138	K	52523K91c	STWO	4828,006173	3401,343151		K91c	52523K91c	STWO	32	30	-2	1	33.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	1.55
33	5146,066089	3468,197805		102	K	52531K91c	STWO	5146,066089	3563,27483		K91c	52531K91c	STWO	31	31	0	2	33.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
37	3940,842491	2409,465338		42	F	52566F84a	EGWO	3940,842491	2273,183946		F84a	52566F84a	EGWO	32	41	9	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
14	4102,473817	3599,650922		48	F	52566F84a	STWO	4102,473817	3419,182956		F84a	52566F84a	STWO	15	17	2	-1	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
34	4035,221297	2614,705619		32	F	52574F84a	EGWO	4035,221297	2419,342937		F84a	52574F84a	EGWO	33	39	6	1	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
24	3987,325998	2920,953889		12	F	52574F84a	STWO	3987,325998	3364,256027		F84a	52574F84a	STWO	12	16	4	12	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	13.25
39	4323,577724	2653,972415		16	F	52582F84a	EGWO	4323,577724	2481,606868		F84a	52582F84a	EGWO	34	43	9	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
24	4004,578696	2654,105088		5	F	52582F84a	STWO	4004,578696	3236,820967		F84a	52582F84a	STWO	16	19	3	8	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
24	3832,357778	2574,174558		16	F	52590F84a	STWO	3832,357778	3181,970947		F84a	52590F84a	STWO	18	17	-1	6	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
32	3913,043478	2648,9		14	F	52612F84a	EGWO	3913,043478	2403,626885		F84a	52612F84a	EGWO	33	39	6	-1	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-2.35
14	3898,096228	3626,224261		46	F	52612F84a	STWO	3898,096228	3449,635804		F84a	52612F84a	STWO	13	12	-1	1	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
37	3928,330342	2476,260606		35	F	52620F84a	EGWO	3928,330342	2338,825488		F84a	52620F84a	EGWO	31	40	9	6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
24	3707,822843	2726,12538		10	F	52620F84a	STWO	3707,822843	3226,122374		F84a	52620F84a	STWO	15	13	-2	9	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
33	3842,927578	2563,679152		38	F	52639F84a	EGWO	3842,927578	2376,874182		F84a	52639F84a	EGWO	31	38	7	2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
24	3838,336334	2837,975354		22	F	52639F84a	STWO	3838,336334	3297,829224		F84a	52639F84a	STWO	14	14	0	10	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
37	3971,751854	2487,90807		36	F	52647F84a	EGWO	3971,751854	2343,968988		F84a	52647F84a	EGWO	32	41	9	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
24	4068,855487	2698,289125		6	F	52647F84a	STWO	4068,855487	3254,987075		F84a	52647F84a	STWO	17	19	2	7	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
33	3838,688366	2583,904434		44	F	52655F84a	EGWO	3838,688366	2366,19715		F84a	52655F84a	EGWO	31	38	7	2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
16	3806,320461	3324,118535		92	F	52655F84a	STWO	3806,320461	3330,642276		F84a	52655F84a	STWO	14	12	-2	2	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
37	4180,350977	2633,422815		38	F	52663F84a	EGWO	4180,350977	2441,202911		F84a	52663F84a	EGWO	33	42	9	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
36	3831,567485	2461,333411		36	F	52671F84a	EGWO	3831,567485	2328,642847		F84a	52671F84a	EGWO	30	39	9	6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
24	3962,77085	2652,911265		12	F	52671F84a	STWO	3962,77085	3230,948898		F84a	52671F84a	STWO	18	18	0	6	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
19	3815,856481	2581,545		4	F	52698F84a	STWO	3815,856481	3193,941889		F84a	52698F84a	STWO	13	14	1	6	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
19	3970,404412	2590,086191		4	F	52701F84a	STWO	3970,404412	3222,748814		F84a	52701F84a	STWO	13	14	1	6	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
19	3785,89939	2576,53		4	F	52728F84a	STWO	3785,89939	3185,718921		F84a	52728F84a	STWO	13	14	1	6	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
35	4696,697916	3049,651083		19	F	52736F84a	EGWO	4696,697916	2687,396927		F84a	52736F84a	EGWO	34	43	9	1	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
	5445,982043			212	F	52833F11f	STWO	5445,982043	4620,358205		F11f	52833F11f	STWO						61,162.852		252	61,162.852	4,711.837		
	5329,199017	3736,361475		447	F	52841F11f	STWO	5329,199017	4652,99513		F11f	52841F11f	STWO						61,162.852	3,773.36	452.8	61,162.852	4,711.837		
	5371,428571	2787,18		2	F	52868F11a	STWO	5371,428571	3615,34567		F11a	52868F11a	STWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
44	7477,571822	4216,831961		65	A	53058A08d	STWO	7477,571822	4171,219809		A08d	53058A08d	STWO	46	45	-1	-2	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
40	6275,889429	3779,548178		87	A	53082A09d	STWO	6275,889429	3942,132867		A09d	53082A09d	STWO	36	37	1	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
44	5964,472322	3383,016895		68	A	53090A09d	STWO	5964,472322	3773,913383		A09d	53090A09d	STWO	37	38	1	7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
36	6044,25092	3438,525523		91	A	53104A09c	STWO	6044,25092	3795,599178		A09c	53104A09c	STWO	36	37	1	0	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
43	3866,27907	2157,19		1	N	53120N72a	STWO	3866,27907	3070,545901		N72a	53120N72a	STWO					42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
48	4736,398308	2469,011327		12	N	53139N70d	EGWO	4736,398308	2471,775051		N70d	53139N70d	EGWO	39	48	9	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
45	6506,595988	3665,619955		32	K	53147K54d	STWO	6471,179075	3985,28677		K54d	53147K54d	STWO	41	40	-1	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
29	5346,025406	3810,816163		64	M	53171M55c	STWO	5346,025406	3591,082841		M55c	53171M55c	STWO	30	33	3	-1	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
36	6020,735281	3877,029238		16	M	53198M55c	STWO	6020,735281	3791,802967		M55c	53198M55c	STWO	31	37	6	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
32	5699,279499	3838,725376		45	M	53201M55c	STWO	5699,279499	3726,94216		M55c	53201M55c	STWO	31	35	4	1	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
49	5872,868217	2521,67188		20	M	53236M55c	EGWO	5872,868217	2643,979244		M55c	53236M55c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	5944,96124	2568,164608		20	M	53244M55c	EGWO	5944,96124	2683,710728		M55c	53244M55c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
32	5709,767587	3842,080391		53	M	53244M55c	STWO	5709,767587	3737,706652		M55c	53244M55c	STWO	30	34	4	2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
33	5786,486373	3875,529004		85	M	53252M55c	STWO	5786,486373	3678,85041		M55c	53252M55c	STWO	33	36	3	0	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
35	6744,640742	4571,435254		28	A	53279A09h	STWO	6744,640742	3970,614299		A09h	53279A09h	STWO	38	40	2	-3	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
36	6945,612828	4358,712453		27	A	53287A09h	STWO	6945,612828	4131,905474		A09h	53287A09h	STWO	37	39	2	-1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
35	7019,143314	4595,678343		23	A	53295A09h	STWO	7019,143314	4143,879311		A09h	53295A09h	STWO	39	41	2	-4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
36	6628,75115	3982,281386		138	A	53317A09c	STWO	6628,75115	3849,21268		A09c	53317A09c	STWO	37	42	5	-1	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	5.1	-2.35
36	6098,104729	3521,971226		64	A	53325A09c	STWO	6098,104729	3781,055324		A09c	53325A09c	STWO	35	38	3	1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
31	3924,582579	2724,230321		30	F	53341F79b	EGWO	3924,582579	2456,71554		F79b	53341F79b	EGWO	27	37	10	4	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
7	4089,856097	3911,757049		74	F	53341F79b	STWO	4089,856097	3559,337129		F79b	53341F79b	STWO	12	13	1	-5	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
32	4274,829538	2914,997465		16	F	53368F79b	EGWO	4274,829538	2665,720021		F79b	53368F79b	EGWO	35	38	3	-3	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
32	4292,829401	2823,257029		60	F	53376F79b	EGWO	4292,829401	2475,882464		F79b	53376F79b	EGWO	30	41	11	2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	1.55
10	4445,187293	2622,098145		3	F	53376F79b	STWO	4445,187293	3300,779186		F79b	53376F79b	STWO	13	16	3	-3	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
29	4244,108557	3021,365791		48	F	53384F79b	EGWO	4244,108557	2484,832833		F79b	53384F79b	EGWO	28	39	11	1	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	1.55
10	3849,644381	2487,82		3	F	53384F79b	STWO	3849,644381	3167,532684		F79b	53384F79b	STWO	13	16	3	-3	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
30	4044,406591	2940,629107		46	F	53392F79b	EGWO	4044,406591	2657,26908		F79b	53392F79b	EGWO	25	36	11	5	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
36	4322,498717	2766,859842		47	F	53406F79b	EGWO	4322,498717	2467,777425		F79b	53406F79b	EGWO	31	43	12	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
31	4097,211771	2842,35373		42	F	53414F79b	EGWO	4093,355045	2508,793432		F79b	53414F79b	EGWO	30	39	9	1	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
35	4025,289821	2601,558997		92	F	53422F79b	EGWO	4025,289821	2351,723841		F79b	53422F79b	EGWO	31	41	10	4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
10	4671,428571	2926,624691		1	F	53422F79b	STWO	4671,428571	3458,727987		F79b	53422F79b	STWO	13	16	3	-3	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
38	3966,721717	2440,841111		108	F	53430F79b	EGWO	3966,721717	2318,818014		F79b	53430F79b	EGWO	31	42	11	7	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	11.7	5.45
10	4178,571429	3378,945		2	F	53430F79b	STWO	4178,571429	3471,689561		F79b	53430F79b	STWO	13	16	3	-3	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
34	3909,782682	2568,452347		120	F	53449F79b	EGWO	3909,782682	2386,35582		F79b	53449F79b	EGWO	30	39	9	4	33.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	9.5	5.45
10	4893,79845	3177,192887		3	F	53449F79b	STWO	4893,79845	3700,079806		F79b	53449F79b	STWO	13	16	3	-3	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
38	4541,835692	2834,353862		23	F	53457F79b	EGWO	4541,835692	2537,917961		F79b	53457F79b	EGWO	32	44	12	6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
37	4255,388387	2707,947255		20	F	53473F79b	EGWO	4255,388387	2450,230786		F79b	53473F79b	EGWO	35	42	7	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
9	4525,581395	4135,38668		43	F	53481F79b	STWO	4525,581395	3672,562623		F79b	53481F79b	STWO	14	19	5	-5	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-6.25
34	4252,583067	2798,12752		13	F	53503F79b	EGWO	4252,583067	2479,038949		F79b	53503F79b	EGWO	33	42	9	1	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
32	4614,606061	3264,686421		14	F	53538F88b	EGWO	4614,606061	2860,207246		F88b	53538F88b	EGWO	28	38	10	4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
26	4763,76869	3525,506083		103	F	53538F88b	STWO	4763,76869	3410,26716		F88b	53538F88b	STWO	26	28	2	0	24.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	1.55
36	4486,241545	2900,340571		27	F	53546F88b	EGWO	4486,241545	2650,080241		F88b	53546F88b	EGWO	32	41	9	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
36	4512,193191	2907,388427		27	F	53554F88b	EGWO	4512,193191	2661,76097		F88b	53554F88b	EGWO	32	41	9	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45

42	4341,807425	2441,879886	[redacted]	31	F	53562F88b	EGWO	4341,807425	2367,993112	[redacted]	F88b	53562F88b	EGWO	37	45	8	5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
28	4789,546562	3400,873104		92	F	53570F88b	STWO	4789,546562	3343,945792		F88b	53570F88b	STWO	27	29	2	1	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
42	4336,446316	2453,419912		37	F	53589F88b	EGWO	4336,446316	2360,730714		F88b	53589F88b	EGWO	37	46	9	5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
34	4488,516943	2941,681585		28	F	53597F88b	EGWO	4488,516943	2691,870787		F88b	53597F88b	EGWO	31	41	10	3	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
36	4476,993848	2882,109717		25	F	53600F88b	EGWO	4476,993848	2638,934991		F88b	53600F88b	EGWO	32	41	9	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
32	4859,440559	3341,170181		13	F	53619F88b	EGWO	4859,440559	2916,117109		F88b	53619F88b	EGWO	28	40	12	4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
37	4444,497265	2763,988433		15	N	53635N67b	EGWO	4444,497265	2630,816444		N67b	53635N67b	EGWO	32	40	8	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
39	4572,008052	2794,69341		36	N	53643N67b	EGWO	4572,008052	2595,253198		N67b	53643N67b	EGWO	35	43	8	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
41	4390,848188	2612,836737		64	N	53651N67b	EGWO	4390,848188	2528,634656		N67b	53651N67b	EGWO	35	42	7	6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
36	4720,761306	3136,863227		4	N	53678N67b	EGWO	4720,761306	2899,343802		N67b	53678N67b	EGWO	32	40	8	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
33	4072,02202	2707,367884		77	N	53686N67b	EGWO	4072,02202	2521,131332		N67b	53686N67b	EGWO	28	38	10	5	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
41	4427,846044	2609,043216		52	N	53694N67b	EGWO	4427,846044	2465,944259		N67b	53694N67b	EGWO	37	44	7	4	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
34	4156,85761	2726,236116		10	N	53708N67b	EGWO	4156,85761	2541,128137		N67b	53708N67b	EGWO	30	39	9	4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
31	3933,703019	2740,739545		22	N	53716N67b	EGWO	3933,703019	2509,550734		N67b	53716N67b	EGWO	28	36	8	3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
34	4162,010626	2758,594141		40	N	53724N67b	EGWO	4162,010626	2566,243292		N67b	53724N67b	EGWO	30	38	8	4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
33	4216,666667	2821,726667		6	N	53732N67b	EGWO	4216,666667	2654,278344		N67b	53732N67b	EGWO	30	37	7	3	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
34	4144,894671	2752,007222		18	N	53740N67b	EGWO	4144,894671	2569,825587		N67b	53740N67b	EGWO	30	38	8	4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
40	4484,593838	2678,912781		7	F	53767F77d	EGWO	4484,593838	2588,311425		F77d	53767F77d	EGWO	34	42	8	6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
6	3755,635089	3678,458694		51	F	53767F77d	STWO	3755,635089	3377,340145		F77d	53767F77d	STWO	5	10	5	1	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
29	5416,205281	3783,376782		81	M	53791M33g	STWO	5416,205281	3579,021243		M33g	53791M33g	STWO	32	33	1	-3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
23	5012,360851	3841,105878		105	M	53805M33g	STWO	5012,360851	3582,262999		M33g	53805M33g	STWO	29	28	-1	-6	24.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	-6.25
30	3415,879861	2400,202516		33	N	53848N66c	EGWO	3415,879861	2187,163759		N66c	53848N66c	EGWO	27	36	9	3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
30	3584,562468	2484,342836		86	N	53856N66c	EGWO	3584,562468	2231,464387		N66c	53856N66c	EGWO	29	38	9	1	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
33	3565,217391	2188,21		2	N	53856N66c	STWO	3565,217391	3006,944838		N66c	53856N66c	STWO	14	18	4	19	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	17.15
30	3951,718644	2773,410934		71	N	53864N66c	EGWO	3951,718644	2462,052462		N66c	53864N66c	EGWO	27	38	11	3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	1.55
36	3762,716606	2405,425755		17	N	53864N66c	STWO	3762,716606	3106,318158		N66c	53864N66c	STWO	13	17	4	23	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	21.05
30	3927,296932	2742,174063		87	N	53872N66c	EGWO	3927,296932	2468,517178		N66c	53872N66c	EGWO	27	37	10	3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
35	3833,35054	2498,997803		25	N	53872N66c	STWO	3833,35054	3161,803171		N66c	53872N66c	STWO	13	17	4	22	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	21.05
25	3295,239228	2464,082503		20	T	53880T93b	EGWO	3295,239228	2216,765518		T93b	53880T93b	EGWO	21	33	12	4	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
5	4009,455245	4043,660481		44	T	53899T93b	STWO	4009,455245	3486,416956		T93b	53899T93b	STWO	11	13	2	-6	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
25	3553,352141	2674,128511		29	T	53902T93b	EGWO	3553,352141	2329,677534		T93b	53902T93b	EGWO	24	34	10	1	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
28	4963,469835	3572,415335		356	F	53937F87a	STWO	4963,469835	3544,806057		F87a	53937F87a	STWO	27	29	2	1	29.2	61,162.852	3,773.36	352.4	61,162.852	4,711.837	2.9	1.55
31	5001,713322	3448,744719		123	F	53945F87a	STWO	5001,713322	3484,721013		F87a	53945F87a	STWO	28	30	2	3	29.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	1.55
31	5051,706907	3457,491979		255	F	53953F87a	STWO	5051,706907	3521,715772		F87a	53953F87a	STWO	28	30	2	3	29.2	61,162.852	3,773.36	252	61,162.852	4,711.837	2.9	1.55
28	4024,716492	2873,130806		12	N	53988N66c	EGWO	4024,716492	2549,342763		N66c	53988N66c	EGWO	25	36	11	3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	1.55
31	4190,073529	2914,484602		17	N	53996N66c	EGWO	4190,073529	2654,337096		N66c	53996N66c	EGWO	26	37	11	5	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
33	3549,368646	2368,634879		58	N	54003N66c	EGWO	3549,368646	2173,116605		N66c	54003N66c	EGWO	30	39	9	3	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
31	3502,258282	2333,064211		19	N	54011N66c	EGWO	3502,258282	2156,246582		N66c	54011N66c	EGWO	34	38	4	-3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
29	4237,886403	3012,145007		5	N	54038N66c	EGWO	4237,886403			N66c	54038N66c	EGWO	29	38	9	0	29.2	61,162.852	3,773.36	51.2	61,162.852		9.5	1.55
41	3969,000323	2347,327199		20	F	54062F88e	EGWO	3969,000323	2253,520265		F88e	54062F88e	EGWO	34	43	9	7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
40	4162,555678	2501,70409		41	F	54070F88f	EGWO	4162,555678	2352,461704		F88f	54070F88f	EGWO	35	43	8	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
23	4802,95867	2770,132072		4	F	54070F88f	STWO	4802,95867	3410,504836		F88f	54070F88f	STWO	23	24	1	0	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
35	4236,559882	2754,399343		69	F	54097F88f	EGWO	4236,559882	2488,111724		F88f	54097F88f	EGWO	32	41	9	3	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
40	4266,146546	2574,934698		74	F	54100F88f	EGWO	4266,146546	2427,52552		F88f	54100F88f	EGWO	34	43	9	6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
20	4404,414982	3542,518831		208	F	54100F88f	STWO	4404,414982	3362,724537		F88f	54100F88f	STWO	24	24	0	-4	20.4	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	-2.35
36	3958,482779	2517,459539		71	F	54119F88f	EGWO	3958,482779	2382,562716		F88f	54119F88f	EGWO	32	40	8	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
38	4332,816996	2687,330025		89	F	54143F88f	EGWO	4332,816996	2532,216378		F88f	54143F88f	EGWO	32	42	10	6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
34	4741,132438	3111,436697		43	F	54151F88f	EGWO	4741,132438	2738,271373		F88f	54151F88f	EGWO	34	43	9	0	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
37	4453,319018	2796,633162		40	F	54178F88f	EGWO	4453,319018	2552,744722		F88f	54178F88f	EGWO	34	43	9	3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
39	4191,963952	2576,728042		23	F	54186F88f	EGWO	4191,963952	2443,069108		F88f	54186F88f	EGWO	32	42	10	7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
40	4125,562116	2478,266725		28	F	54194F88f	EGWO	4125,562116	2323,205735		F88f	54194F88f	EGWO	34	43	9	6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
38	4140	2979,03		4	F	54208F88f	EGWO	4140	2518,851827		F88f	54208F88f	EGWO	34	42	8	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
40	4246,20347	2553,456507		22	F	54216F88f	EGWO	4246,20347	2446,440781		F88f	54216F88f	EGWO	34	42	8	6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
39	4382,361191	2669,890756		51	F	54224F88f	EGWO	4382,361191	2482,532341		F88f	54224F88f	EGWO	35	43	8	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
43	4248,729836	2406,133922		40	F	54232F88f	EGWO	4248,729836	2340,99807		F88f	54232F88f	EGWO	37	45	8	6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
21	4853,418803	3836,208568		26	F	54232F88f	STWO	4853,418803	3586,377364		F88f	54232F88f	STWO	18	26	8	3	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
45	7368,887124	3315,203928		27	A	54267A07d	STWO	7368,887124	4043,746902		A07d	54267A07d	STWO	45	45	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
38	4254,34277	2618,422949		57	F	54283F88e	EGWO	4254,34277	2508,374745		F88e	54283F88e	EGWO	32	40	8	6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
16	4737,373737	2558,372219		1	F	54283F88e	STWO	4737,373737	3313,948999		F88e	54283F88e	STWO	17	20	3	-1	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
39	4297,647923	2630,598722		148	F	54291F88e	EGWO	4297,647923	2489,543074		F88e	54291F88e	EGWO	34	42	8	5	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	7.3	5.45
38	4288,269311	2592,324079		65	F	54305F88e	EGWO	4288,269311	2415,216884		F88e	54305F88e	EGWO	34	42	8	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
36	4325,110899	2781,418904		18	F	54348F88e	EGWO	4325,110899	2580,136215		F88e	54348F88e	EGWO	32	40	8	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
21	4351,243206	2558,835267		16	F	54348F88e	STWO	4351,243206	3308,630905		F88e	54348F88e	STWO	17	24	7	4	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
42	4227,710135	2467,521937		58	F	54356F88e	EGWO	4227,710135	2381,510816		F88e	54356F88e	EGWO	35	44	9	7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
39	4238,484848	2599,534074		3	F	54364F88e	EGWO	4238,484848	2425,736421		F88e	54364F88e	EGWO	34	42	8	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
39	4201,702611	2529,662232		59	F	54372F88e	EGWO	4201,702611	2413,660557		F88e	54372F88e	EGWO	33	42	9	6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
14	4035,247761	3455,585398		96	F	54372F88e	STWO	4035,247761	3255,836952		F88e	54372F88e	STWO	16	19	3	-2	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
40	4032,545455	2410,218571		7	F	54380F88e	EGWO	4032,545455	2313,778913		F88e	54380F88e	EGWO	33	42	9	7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
28	5399,268982	3595,886683		54	F	54380F88f	STWO	5399,268982	4011,529524		F88f	54380F88f	STWO	21	23	2	7	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
26	4148,890008	3086,242384		51	F	54380F88g	STWO	4148,890008	3194,212491		F88g	54380F88g	STWO	20	23	3	6	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
41	4039,636903	2385,270602		39	F	54380F88h	EGWO	4039,636903	2295,058733		F88h	54380F88h	EGWO	34	43	9	7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
43	4285,077289	2339,403976		29	F	54380F88i	EGWO	4285,077289	2295,29545		F88i	54380F88i	EGWO	37	46	9	6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
18	5720,133815	4867,378569		13	F	54380F88i	STWO	5720,133815			F88i	54380F88i	STWO	20	23	3	-2	16	61,162.852	3,773.36	51.2	61,162.852		2.9	-2.35
26	5059,7557	3715,97065		32	F	54437F88g	STWO	5059,7557	3830,841202		F88g	54437F88g	STWO	22	24	2	4	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
16	4082,49117	3420,485064		101	F	54445F88g	STWO	4082,49117	3311,47098		F88g	54445F88g	STWO	16	19	3	0	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
24	4076,752251	3111,243939		140	F	54453F88g	STWO	4076,752251	3150,591281		F88g	54453F88g	STWO	20	23	3	4	24.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	5.45
18	4224,990214	3337,152341		20	F	54461F88g	STWO	4224,990214	3254,498235		F88g	54461F88g	STWO	18	20	2	0	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
17	4102,869535	3374,636274		45	F	54488F88g	STWO	4102,869535	3274,091596		F88g	54488F88g	STWO	19	19	0	-2	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
34	5573,676797	3568,865347		399	M	54496M33d	STWO	5573,676797	3622,297546		M33d	54496M33d	STWO	35	34	-1	-1	33.6	61,162.852	3,773.36	352.4	61,162.852	4,711.837	-1.5	-2.35
39	5942,812049	2882,763012		27	M	54518M33d	STWO	5942,812049	3696,319002		M33d	54518M33d	STWO	38	34	-4	1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	1.55
29	13275,36051	4972,392326		183	M	54526M33d	STWO	13275,36051	5532,247789		M33d	54526M33d	STWO	32	29	-3	-3	29.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-3.7	-2.35
34	5217,211343	3459,769934		26	M	54534M33d	STWO	5217,211343	3783,768574		M33d	54534M33d	STWO	32	34	2	2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
30	5268,784271	4630,29		3	F	54585F88j	EGWO	5268,784271	4063,656334		F88j	54585F88j	EGWO	27	35	8	3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55

48	6647,197307	3917,25286	[redacted]	16	E	54593E17a	STWO	6647,197307	3921,834413	[redacted]	E17a	54593E17a	STWO	39	41	2	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
11	3812,186656	3376,33766		142	N	54690N69l	STWO	3812,186656	3173,706288		N69l	54690N69l	STWO	8	17	9	3	11.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	9.5	1.55
32	5469,315858	3715,937003		71	M	54712M33b	STWO	5469,315858	3602,656507		M33b	54712M33b	STWO	34	34	0	-2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
26	5278,599568	3889,292763		93	M	54712M33g	STWO	5278,599568	3659,62207		M33g	54712M33g	STWO	30	30	0	-4	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
35	4228,820536	2659,383929		14	F	54739F88j	EGWO	4228,820536	2541,480279		F88j	54739F88j	EGWO	30	39	9	5	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
35	3978,135079	2571,285566		37	F	54755F78b	EGWO	3978,135079	2422,204392		F78b	54755F78b	EGWO	33	39	6	2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
22	3322,538796	2586,694706		51	T	54763T96b	EGWO	3322,538796	2310,991649		T96b	54763T96b	EGWO	24	30	6	-2	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-2.35
33	4972,077028	3039,921034		99	F	54879F87a	STWO	4972,077028	3355,912791		F87a	54879F87a	STWO	31	32	1	2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
35	6788,397681	4421,439932		70	A	54887A09i	STWO	6788,397681	4076,902654		A09i	54887A09i	STWO	40	40	0	-5	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
41	4778,689731	2827,982521		162	F	54895F88i	EGWO	4778,689731	2550,690591		F88i	54895F88i	EGWO	38	46	8	3	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	7.3	1.55
25	4647,75497	3488,002092		34	F	54895F88i	STWO	4647,75497	3410,888315		F88i	54895F88i	STWO	24	27	3	1	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
38	4613,272812	2878,240407		110	F	54909F88i	EGWO	4613,272812	2613,459974		F88i	54909F88i	EGWO	35	43	8	3	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	7.3	1.55
36	4663,298838	2990,05526		16	F	54917F88i	EGWO	4663,298838	2672,58829		F88i	54917F88i	EGWO	34	43	9	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
35	4682,91234	3043,021737		66	F	54925F88i	EGWO	4682,91234	2666,539993		F88i	54925F88i	EGWO	35	43	8	0	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
28	4655,839823	3256,553257		12	F	54925F88i	STWO	4655,839823	3449,050298		F88i	54925F88i	STWO	21	26	5	7	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
40	4326,470832	2573,589234		7	F	54933F88i	EGWO	4326,470832	2390,142808		F88i	54933F88i	EGWO	38	44	6	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
18	4217,871446	3457,048823		122	F	54933F88i	STWO	4217,871446	3344,144842		F88i	54933F88i	STWO	17	21	4	1	16	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	1.55
40	4444,336654	2676,983252		10	F	54941F88i	EGWO	4444,336654	2516,784815		F88i	54941F88i	EGWO	35	43	8	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
38	4300,872103	2667,522897		39	F	54968F88i	EGWO	4300,872103	2454,725608		F88i	54968F88i	EGWO	36	43	7	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
23	4483,32979	3493,01933		41	F	54968F88i	STWO	4483,32979	3397,823771		F88i	54968F88i	STWO	22	25	3	1	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
38	4791,984733	3043,895969		4	F	54992F88i	EGWO	4791,984733	2745,083014		F88i	54992F88i	EGWO	36	44	8	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
38	4837,78626	3070,131908		4	F	55018F88i	EGWO	4837,78626	2754,560658		F88i	55018F88i	EGWO	36	44	8	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
38	4896,946565	3099,763816		4	F	55026F88i	EGWO	4896,946565	2766,802613		F88i	55026F88i	EGWO	36	44	8	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
38	4832,061069	3062,596236		4	F	55034F88i	EGWO	4832,061069	2753,375952		F88i	55034F88i	EGWO	36	44	8	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
38	4835,877863	3064,782564		4	F	55042F88i	EGWO	4835,877863	2754,165756		F88i	55042F88i	EGWO	36	44	8	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
23	4171,052632	3154,837808		4	F	55050F88i	STWO	4171,052632	3248,882501		F88i	55050F88i	STWO	20	23	3	3	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
34	4634,777484	3068,861195		22	F	55069F88i	EGWO	4634,777484	2798,742156		F88i	55069F88i	EGWO	31	40	9	3	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
28	4643,669986	3212,62778		6	F	55069F88i	STWO	4643,669986	3377,252767		F88i	55069F88i	STWO	25	27	2	3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
37	4477,652621	2827,323068		36	F	55077F88i	EGWO	4477,652621	2590,549294		F88i	55077F88i	EGWO	34	42	8	3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
38	4538,662753	2820,609423		32	F	55085F88i	EGWO	4538,662753	2587,177816		F88i	55085F88i	EGWO	35	43	8	3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
28	4360,987419	2629,773846		13	F	55085F88i	STWO	4360,987419	3332,831258		F88i	55085F88i	STWO	21	24	3	7	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
35	4344,547644	2840,96462		19	F	55093F88i	EGWO	4344,547644	2603,540053		F88i	55093F88i	EGWO	32	40	8	3	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
23	4536,011496	2613,969785		4	F	55093F88i	STWO	4536,011496	3341,952343		F88i	55093F88i	STWO	20	23	3	3	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
35	4336,111111	2802,737311		16	F	55107F88i	EGWO	4336,111111	2637,677889		F88i	55107F88i	EGWO	31	39	8	4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
28	4310,18981	2636,72		8	F	55107F88i	STWO	4310,18981	3322,87742		F88i	55107F88i	STWO	20	23	3	8	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
39	4342,857143	2659,741941		14	F	55115F88i	EGWO	4342,857143	2495,05892		F88i	55115F88i	EGWO	35	43	8	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
28	4359,738068	2640,363132		11	F	55115F88i	STWO	4359,738068	3334,753726		F88i	55115F88i	STWO	21	23	2	7	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
39	4049,558189	2472,791304		23	F	55123F88h	EGWO	4049,558189	2377,942347		F88h	55123F88h	EGWO	31	41	10	8	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
29	5092,470583	3230,246211		5	F	55123F88h	STWO	5092,470583	3761,411023		F88h	55123F88h	STWO		25			29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
37	4038,277339	2544,287851		16	F	55131F88h	EGWO	4038,277339	2445,79007		F88h	55131F88h	EGWO	30	39	9	7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
24	3938,17402	2429,94		2	F	55131F88h	STWO	3938,17402	3169,291132		F88h	55131F88h	STWO					24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
39	3975,719421	2438,628897		65	F	55158F88h	EGWO	3975,719421	2311,060412		F88h	55158F88h	EGWO	31	42	11	8	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	9.35
20	3888,778834	3095,227607		64	F	55166F88h	STWO	3888,778834	3231,135383		F88h	55166F88h	STWO					20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
39	4009,36243	2453,821818		22	F	55174F88h	EGWO	4009,36243	2305,131708		F88h	55174F88h	EGWO	34	43	9	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
40	3965,559261	2370,300337		51	F	55182F88h	EGWO	3965,559261	2272,895948		F88h	55182F88h	EGWO	33	43	10	7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
29	6131,360387	4334,714489		6	A	55220A09b	STWO	6131,360387	3790,617277		A09b	55220A09b	STWO	32	33	1	-3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
36	4104,271255	2531,462786		20	N	55239N66d	EGWO	4104,271255	2333,681943		N66d	55239N66d	EGWO	35	43	8	1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
36	3695,794617	2280,709394		37	N	55247N66d	EGWO	3695,794617	2158,329751		N66d	55247N66d	EGWO	35	41	6	1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
15	3864,804313	3064,603818		14	N	55255N66d	STWO	3864,804313	2898,639578		N66d	55255N66d	STWO	18	20	2	-3	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
36	4104,045211	2619,624667		75	N	55263N66d	EGWO	4104,045211	2425,670687		N66d	55263N66d	EGWO	35	41	6	1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
12	3855,415426	3395,46716		21	N	55263N66d	STWO	3855,415426	3230,679417		N66d	55263N66d	STWO	18	16	-2	-6	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
38	4204,95542	2625,587246		17	N	55271N66d	EGWO	4204,95542	2399,762211		N66d	55271N66d	EGWO	35	43	8	3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
13	4215,753425			4	N	55271N66d	STWO	4215,753425			N66d	55271N66d	STWO	17	17	0	-4	11.6	61,162.852		51.2	61,162.852		0.7	-2.35
36	3890,7119	2330,942161		24	N	55298N66d	EGWO	3890,7119	2215,834865		N66d	55298N66d	EGWO	35	41	6	1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
38	4129,444684	2571,980421		35	N	55301N66d	EGWO	4129,444684	2370,652957		N66d	55301N66d	EGWO	35	43	8	3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
13	4221,014493			4	N	55328N66d	STWO	4221,014493			N66d	55328N66d	STWO	17	17	0	-4	11.6	61,162.852		51.2	61,162.852		0.7	-2.35
37	4149,850582	2604,737465		16	N	55336N66d	EGWO	4149,850582	2396,899144		N66d	55336N66d	EGWO	33	42	9	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
13	4160,958904			4	N	55336N66d	STWO	4160,958904			N66d	55336N66d	STWO	17	17	0	-4	11.6	61,162.852		51.2	61,162.852		0.7	-2.35
36	4249,901139	2731,274943		13	N	55344N66d	EGWO	4249,901139	2492,788376		N66d	55344N66d	EGWO	35	41	6	1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
37	4147,00787	2627,859821		33	N	55395N66d	EGWO	4147,00787	2438,777891		N66d	55395N66d	EGWO	34	41	7	3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
11	4191,832771	3745,204199		25	N	55395N66d	STWO	4191,832771	3503,298112		N66d	55395N66d	STWO	16	17	1	-5	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
41	4305,449623	2539,067298		22	N	55409N66d	EGWO	4305,449623	2404,624079		N66d	55409N66d	EGWO	38	44	6	3	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
38	4197,444257	2593,145658		15	N	55417N66d	EGWO	4197,444257	2535,606233		N66d	55417N66d	EGWO	30	40	10	8	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
10	4178,457419	3741,545443		6	N	55417N66d	STWO	4178,457419	3494,479527		N66d	55417N66d	STWO	13	16	3	-3	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
28	3391,298729	2450,786806		45	T	55425T96d	EGWO	3391,298729	2304,252771		T96d	55425T96d	EGWO	19	32	13	9	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	13.9	9.35
44	5621,621082	3041,374409		115	N	55433N70e	EGWO	5621,621082	2818,500984		N70e	55433N70e	EGWO	42	49	7	2	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	7.3	1.55
21	4431,131972	2937,548186		30	F	55484F84b	STWO	4431,131972	3318,483598		F84b	55484F84b	STWO	19	23	4	2	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
41	4258,899676	2498,51619		6	F	55492F84b	EGWO	4258,899676	2372,215767		F84b	55492F84b	EGWO	36	44	8	5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
37	4373,803764	2740,923285		12	F	55506F84b	EGWO	4373,803764	2482,076264		F84b	55506F84b	EGWO	35	43	8	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
37	4368,030981	2737,616531		12	F	55514F84b	EGWO	4368,030981	2480,88171		F84b	55514F84b	EGWO	35	43	8	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
37	4368,030981	2737,616531		12	F	55522F84b	EGWO	4368,030981	2480,88171		F84b	55522F84b	EGWO	35	43	8	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
37	4368,030981	2737,616531		12	F	55530F84b	EGWO	4368,030981	2480,88171		F84b	55530F84b	EGWO	35	43	8	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
37	4347,498211	2726,664055		12	F	55549F84b	EGWO	4347,498211	2476,632894		F84b	55549F84b	EGWO	35	43	8	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
37	4061,066048	2542,876842		87	F	55557F84b	EGWO	4061,066048	2372,260345		F84b	55557F84b	EGWO	32	41	9	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
38	3772,727273			1	F	55565F84b	EGWO	3772,727273			F84b	55565F84b	EGWO	33	43	10	5	38	61,162.852		51.2	61,162.852		9.5	5.45
16	3774,206102	3571,091058		2	F	55581F84b	STWO	3774,206102	3293,684278		F84b	55581F84b	STWO	14	18	4	2	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
37	4484,187223	2846,009729		7	F	55603F84b	EGWO	4484,187223	2564,123826		F84b	55603F84b	EGWO	33	43	10	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
16	3613,636364	3508,97		1	F	55611F84b	STWO	3613,636364	3191,428378		F84b	55611F84b	STWO	14	18	4	2	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
13	3962,930761	3458,550667		49	F	55638F84b	STWO	3962,930761	3244,063511		F84b	55638F84b	STWO	15	18	3	-2	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
16	3930,232558	3549,757111		1	F	55646F84b	STWO	3930,232558	3277,312319		F84b	55646F84b	STWO	14	18	4	2	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
40	4143,667471	2473,060471		50	F	55654F84b	EGWO	4143,667471	2342,393073		F84b	55654F84b	EGWO	35	43	8	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
35	4121,812705	2656,26396		77	F	55662F84b	EGWO	4121,812705	2366,138519		F84b	55662F84b	EGWO	33	42	9	2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
36	4357,82303	2796,615335		32	F	55670F84b	EGWO	4357,82303	2540,334799		F84b	55670F84b	EGWO	33	42	9	3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55

38	3893,034826	2349,991005	[redacted]	3	F	55700F84b	EGWO	3893,034826	2267,129102	[redacted]	F84b	55700F84b	EGWO	33	43	10	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
37	4345,26326	2732,713478		18	F	55727F84b	EGWO	4345,26326	2523,203802		F84b	55727F84b	EGWO	34	42	8	3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
35	4491,682336	2905,353476		18	F	55735F84b	EGWO	4491,682336	2618,469009		F84b	55735F84b	EGWO	34	42	8	1	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
38	4296,852488	2655,453806		22	F	55751F84b	EGWO	4296,852488	2548,235762		F84b	55751F84b	EGWO	29	41	12	9	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	9.35
40	3755,113413	2243,806456		74	F	55778F84b	EGWO	3755,113413	2139,06035		F84b	55778F84b	EGWO	33	43	10	7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
35	4444,036596	2876,850333		18	F	55786F84b	EGWO	4444,036596	2604,662459		F84b	55786F84b	EGWO	33	41	8	2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
36	4287,313054	2754,213011		16	F	55794F84b	EGWO	4287,313054	2488,896006		F84b	55794F84b	EGWO	32	42	10	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
16	4341,772152	3925,939025		2	F	55808F84b	STWO	4341,772152	3515,099046		F84b	55808F84b	STWO	14	18	4	2	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
38	4234,639632	2678,038468		4	F	55816F84b	EGWO	4234,639632	2541,557736		F84b	55816F84b	EGWO	33	43	10	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
34	3902,621478	2575,704501		46	F	55824F84b	EGWO	3902,621478	2397,293845		F84b	55824F84b	EGWO	30	38	8	4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
33	3770,539063	2528,165545		36	F	55832F84b	EGWO	3770,539063	2351,703375		F84b	55832F84b	EGWO	29	38	9	4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
38	4557,823129	2916,75		2	F	55859F84b	EGWO	4557,823129			F84b	55859F84b	EGWO	33	43	10	5	38	61,162.852	3,773.36	51.2	61,162.852		9.5	5.45
38	4820,747772	3160,103551		2	F	55875F84b	EGWO	4820,747772	2868,045483		F84b	55875F84b	EGWO	33	43	10	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
41	4360,231968	2588,123344		8	F	55883F84b	EGWO	4360,231968	2450,589625		F84b	55883F84b	EGWO	35	44	9	6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
9	3836,375887	3502,754763		87	F	55891F78e	STWO	3836,375887	3257,927789		F78e	55891F78e	STWO	9	15	6	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
33	5392,21982	3668,335797		54	M	55921M56d	STWO	5392,21982	3528,0909		M56d	55921M56d	STWO	33	35	2	0	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
33	5299,481144	3621,033023		38	M	55948M56d	STWO	5299,481144	3509,675202		M56d	55948M56d	STWO	32	34	2	1	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
15	4508,382462	3562,727707		101	F	55956F76b	STWO	4508,382462	3456,715688		F76b	55956F76b	STWO	17	21	4	-2	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
49	6798,019921	2671,103305		16	M	55999M33c	EGWO	6798,019921	2655,662927		M33c	55999M33c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
38	5946,808511	4018,665276		1	M	55999M33c	STWO	5946,808511	3672,868156		M33c	55999M33c	STWO	39	39	0	-1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
35	6218,647016	4048,539447		32	M	56006M33c	STWO	6218,647016	3868,769		M33c	56006M33c	STWO	37	38	1	-2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	6364,013241	2503,411179		17	M	56014M33c	EGWO	6364,013241	2562,433624		M33c	56014M33c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
38	6161,446873	3953,72778		3	M	56014M33c	STWO	6161,446873	3858,581233		M33c	56014M33c	STWO	39	39	0	-1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
43	6265,097306	3099,583865		25	M	56022M33c	STWO	6265,097306	3742,757789		M33c	56022M33c	STWO	40	40	0	3	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6286,320767	2467,062352		16	M	56030M33c	EGWO	6286,320767	2548,259954		M33c	56030M33c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
38	6128,486146	3782,565337		30	M	56049M33c	STWO	6128,486146	3832,076831		M33c	56049M33c	STWO	37	37	0	1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6907,146631	3311,265273		15	M	56057M33c	EGWO	6907,146631	2950,450584		M33c	56057M33c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
40	6349,041152	3770,664565		28	M	56057M33c	STWO	6349,041152	3796,887417		M33c	56057M33c	STWO	40	40	0	0	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
43	5966,498767	2691,534794		168	M	56065M33c	STWO	5966,498767	3605,971024		M33c	56065M33c	STWO	40	39	-1	3	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	1.55
33	5552,68049	3878,12403		72	M	56073M33c	STWO	5552,68049	3652,645988		M33c	56073M33c	STWO	35	34	-1	-2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
47	6487,025677	3221,065535		17	M	56081M33f	STWO	6487,025677	3811,226406		M33f	56081M33f	STWO	41	41	0	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
34	5765,689823	3784,113194		37	M	56111M33a	STWO	5765,689823	3631,22815		M33a	56111M33a	STWO	37	37	0	-3	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
37	5783,902843	3634,935449		106	M	56111M33b	STWO	5783,902843	3557,445785		M33b	56111M33b	STWO	36	38	2	1	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	1.55
44	4527,777778	2354,366445		8	F	56138F88e	EGWO	4527,777778	2239,543288		F88e	56138F88e	EGWO	39	47	8	5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
41	4293,16741	2533,495152		57	F	56146F88e	EGWO	4293,16741	2442,871036		F88e	56146F88e	EGWO	35	43	8	6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
34	4199,198616	2802,458105		14	F	56154F88e	EGWO	4199,198616	2661,906283		F88e	56154F88e	EGWO	29	37	8	5	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
44	4260,968312	2392,67087		41	F	56162F88e	EGWO	4260,968312	2329,378845		F88e	56162F88e	EGWO	38	45	7	6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
37	4398,801025	2774,903892		17	F	56170F88e	EGWO	4398,801025	2525,633068		F88e	56170F88e	EGWO	34	44	10	3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
14	4484,832913	3827,26285		24	F	56170F88e	STWO	4484,832913	3611,205415		F88e	56170F88e	STWO	15	19	4	-1	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
36	3913,617529	2474,185133		20	F	56189F88e	EGWO	3913,617529	2318,93365		F88e	56189F88e	EGWO	31	41	10	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
39	4136,666794	2535,503735		35	F	56197F88e	EGWO	4136,666794	2397,538131		F88e	56197F88e	EGWO	33	42	9	6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
38	4346,401274	2694,913233		131	F	56200F88h	EGWO	4346,401274	2464,997553		F88h	56200F88h	EGWO	34	43	9	4	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	9.5	5.45
34	3931,299723	2666,69875		8	F	56219F88e	EGWO	3931,299723	2510,830853		F88e	56219F88e	EGWO	29	37	8	5	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
35	4127,434481	2664,2425		8	F	56227F88e	EGWO	4127,434481	2549,375454		F88e	56227F88e	EGWO	29	38	9	6	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
16	4196,384902	3388,755		4	F	56227F88e	STWO	4196,384902	3263,633213		F88e	56227F88e	STWO	17	20	3	-1	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
35	4070,113654	2650,03		8	F	56235F88e	EGWO	4070,113654	2527,754319		F88e	56235F88e	EGWO	29	38	9	6	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
18	4522,816124			42	F	56251F89a	STWO	4522,816124			F89a	56251F89a	STWO	18	21	3	0	16	61,162.852		51.2	61,162.852		2.9	1.55
34	5662,499878	3885,756535		223	M	56308M33d	STWO	5662,499878	3654,054149		M33d	56308M33d	STWO	33	34	1	1	33.6	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	1.55
44	5467,860768	3122,281623		59	N	56316N68f	EGWO	5467,860768	2733,853882		N68f	56316N68f	EGWO	41	49	8	3	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
14	4841,222532	3598,008845		27	N	56316N68f	STWO	4841,222532	3580,482882		N68f	56316N68f	STWO	14	16	2	0	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
39	4631,319434	2887,957564		42	N	56324N70b	EGWO	4631,319434	2552,660593		N70b	56324N70b	EGWO	35	45	10	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
26	4118,402422	3476,05696		20	N	56324N70b	STWO	4118,402422	3285,37489		N70b	56324N70b	STWO	18	23	5	8	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	9.35
39	4616,722222	2982,128126		5	N	56332N70b	EGWO	4616,722222	2954,748486		N70b	56332N70b	EGWO	38	41	3	1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
31	4240,16526	2557,498921		19	N	56332N70b	STWO	4240,16526	3273,799296		N70b	56332N70b	STWO	17	23	6	14	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	13.25
46	4277,056685	2316,034286		14	N	56340N70b	EGWO	4277,056685	2322,486986		N70b	56340N70b	EGWO	37	46	9	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
44	4988,636364	2813,433512		11	N	56359N70b	EGWO	4988,636364	2618,453594		N70b	56359N70b	EGWO	40	48	8	4	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
26	4065,486199	2919,600845		34	N	56367N70b	STWO	4065,486199	3271,896371		N70b	56367N70b	STWO	18	23	5	8	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	9.35
44	5611,687523	3531,571483		4	N	56375N70b	EGWO	5611,687523	3102,685397		N70b	56375N70b	EGWO	38	46	8	6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
44	4595,559039	2564,638559		10	N	56383N70b	EGWO	4595,559039	2498,167539		N70b	56383N70b	EGWO	37	46	9	7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
31	4015,269951	2532,024327		24	N	56421N70b	STWO	4015,269951	3218,894073		N70b	56421N70b	STWO	14	20	6	17	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	17.15
31	3832,097016	2412,125556		18	N	56448N70b	STWO	3832,097016	3094,747179		N70b	56448N70b	STWO	18	23	5	13	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	13.25
44	4719,444444	2826,750193		4	N	56456N70b	EGWO	4719,444444	2717,000498		N70b	56456N70b	EGWO	38	46	8	6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
44	4258,333333	2745,4225		4	N	56464N70b	EGWO	4258,333333	2582,281028		N70b	56464N70b	EGWO	38	46	8	6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
44	4661,537	2637,461562		11	N	56472N70b	EGWO	4661,537	2567,181377		N70b	56472N70b	EGWO	36	45	9	8	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
44	4725	2818,904941		4	N	56480N70b	EGWO	4725	2718,150101		N70b	56480N70b	EGWO	38	46	8	6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
44	4725	2798,109293		4	N	56499N70b	EGWO	4725	2718,150101		N70b	56499N70b	EGWO	38	46	8	6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
44	4012,345679	2172,747778		9	N	56502N70b	EGWO	4012,345679	2175,161391		N70b	56502N70b	EGWO	37	46	9	7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
44	4824,175824	2938,34543		4	N	56510N70b	EGWO	4824,175824	2849,326943		N70b	56510N70b	EGWO	34	46	12	10	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	9.35
40	4786,813187	2878,464872		5	N	56529N70b	EGWO	4786,813187	2792,38853		N70b	56529N70b	EGWO	38	42	4	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
40	4687,912088	2836,95778		5	N	56537N70b	EGWO	4687,912088	2771,923069		N70b	56537N70b	EGWO	36	41	5	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
23	4143,75649	3192,123952		88	N	56553N70b	STWO	4143,75649	3366,330946		N70b	56553N70b	STWO	16	21	5	7	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
28	4305,294543	3105,73143		28	F	56561F86b	STWO	4305,294543	3284,834636		F86b	56561F86b	STWO	23	24	1	5	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
46	7017,593949	3836,049683		129	K	56596K24b	STWO	7017,593949	3939,530238		K24b	56596K24b	STWO	44	44	0	2	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
40	5863,688468	3509,347124		5	N	56618N67a	EGWO	5863,688468	3125,102774		N67a	56618N67a	EGWO	37	44	7	3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
41	4053,514392	2387,668235		17	F	56626F88h	EGWO	4053,514392	2301,390533		F88h	56626F88h	EGWO	34	43	9	7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
39	4182,144176	2567,397954		20	F	56634F88h	EGWO	4182,144176	2429,56693		F88h	56634F88h	EGWO	33	42	9	6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
28	3924,768488	2824,802162		37	F	56634F88h	STWO	3924,768488	2972,032811		F88h	56634F88h	STWO	24	24	0	4	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
37	3988,901031	2520,449167		36	F	56642F88h	EGWO	3988,901031	2381,552528		F88h	56642F88h	EGWO	30	40	10	7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
38	3901,624846	2408,006921		42	F	56669F88h	EGWO	3901,624846	2321,13984		F88h	56669F88h	EGWO	30	40	10	8	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
41	3992,450939	2333,697873		84	F	56693F88h	EGWO	3992,450939	2250,269446		F88h	56693F88h	EGWO	34	44	10	7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
38	4148,817812	2568,472699		20	F	56707F88h	EGWO	4148,817812	2439,170039		F88h	56707F88h	EGWO	32	41	9	6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
38	4144,9969	2571,780709		20	F	56715F88h	EGWO	4144,9969	2447,214897		F88h	56715F88h	EGWO	32	41	9	6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
41	4003,352019	2370,329029		54	F	56723F88h	EGWO	4003,352019	2287,441797		F88h	56723F88h	EGWO	33	43	10	8	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35

35	4234,446903	2732,009375	[redacted]	16	F	56731F88h	EGWO	4234,446903	2614,607992	[redacted]	F88h	56731F88h	EGWO	29	38	9	6	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
37	4174,814433	2625,88606		24	F	56758F88h	EGWO	4174,814433	2487,154069		F88h	56758F88h	EGWO	31	40	9	6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
37	4173,792024	2643,389278		24	F	56766F88h	EGWO	4173,792024	2496,696582		F88h	56766F88h	EGWO	32	40	8	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
36	4226,846431	2713,57875		16	F	56774F88h	EGWO	4226,846431	2601,154454		F88h	56774F88h	EGWO	29	38	9	7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
29	3343,995614	2380,270809		19	T	56790T94b	EGWO	3343,995614	2171,763094		T94b	56790T94b	EGWO	23	35	12	6	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
26	3560,133674	2630,818535		28	T	56804T94b	EGWO	3560,133674	2365,168806		T94b	56804T94b	EGWO	22	34	12	4	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
23	3543,179696	2744,216936		29	T	56812T94b	EGWO	3543,179696	2470,96265		T94b	56812T94b	EGWO	20	31	11	3	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	1.55
27	3503,500066	2567,016738		29	T	56820T94b	EGWO	3503,500066	2348,802564		T94b	56820T94b	EGWO	23	33	10	4	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
26	3438,206775	2536,333724		12	T	56839T94b	EGWO	3438,206775	2329,565798		T94b	56839T94b	EGWO	20	32	12	6	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
25	3434,141259	2570,901667		6	T	56847T94b	EGWO	3434,141259	2278,17097		T94b	56847T94b	EGWO	24	34	10	1	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
7	3807,832617	3541,964063		32	F	56855F82a	STWO	3807,832617	3306,182801		F82a	56855F82a	STWO	12	13	1	-5	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
47	4929,565527	2593,622588		10	F	56863F85a	EGWO	4929,565527	2561,003593		F85a	56863F85a	EGWO	41	48	7	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
47	4188,627845	2187,175297		23	F	56871F85a	EGWO	4188,627845	2183,058433		F85a	56871F85a	EGWO	39	48	9	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
47	4699,683354	2487,574902		26	F	56898F85a	EGWO	4699,683354	2474,378014		F85a	56898F85a	EGWO	41	47	6	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
45	4348,480423	2400,818508		34	F	56901F85a	EGWO	4348,480423	2365,608764		F85a	56901F85a	EGWO	37	46	9	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
45	4481,472361	2447,890472		44	F	56928F85a	EGWO	4481,472361	2405,314903		F85a	56928F85a	EGWO	41	46	5	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
46	4440,647347	2379,069518		30	F	56936F85a	EGWO	4440,647347	2372,626247		F85a	56936F85a	EGWO	41	46	5	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
29	4699,970325	3499,836662		60	F	56936F85a	STWO	4699,970325	3406,031748		F85a	56936F85a	STWO	24	27	3	5	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
37	4351,814348	2825,54		8	F	56944F85a	EGWO	4351,814348	2766,455531		F85a	56944F85a	EGWO	31	38	7	6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
29	4390,450016	3278,529012		43	F	56952F85a	STWO	4390,450016	3314,507466		F85a	56952F85a	STWO	22	24	2	7	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
43	4757,909091	2725,591902		20	F	56960F85a	EGWO	4757,909091	2634,017625		F85a	56960F85a	EGWO	38	44	6	5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
39	5019,623648	2576,743988		46	F	56960F85a	STWO	5019,623648	3414,959378		F85a	56960F85a	STWO	29	32	3	10	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
40	4415,078825	2634,777734		21	F	56979F85a	EGWO	4415,078825	2559,604758		F85a	56979F85a	EGWO	33	42	9	7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
39	4725,973498	2443,761709		30	F	56979F85a	STWO	4725,973498	3333,426791		F85a	56979F85a	STWO	31	29	-2	8	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
34	5293,333333	2882,266163		1	F	57002F85a	STWO	5293,333333	3561,031598		F85a	57002F85a	STWO	26	28	2	8	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
29	4407,851169	3542,452576		28	F	57029F85a	STWO	4407,851169	3418,683136		F85a	57029F85a	STWO	21	23	2	8	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
34	5080	2760,064989		1	F	57037F85a	STWO	5080	3513,300494		F85a	57037F85a	STWO	26	28	2	8	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
37	3723,925016	2530,88858		29	F	57053F85a	EGWO	3723,925016	2330,147035		F85a	57053F85a	EGWO	35	38	3	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
39	4805,939125	2459,412715		19	F	57053F85a	STWO	4805,939125	3346,959592		F85a	57053F85a	STWO	30	30	0	9	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
36	6015,430978	3868,087327		88	E	57061E15a	STWO	6015,430978	3794,734424		E15a	57061E15a	STWO	39	37	-2	-3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
41	6636,75858	2874,229517		11	E	57088E15a	STWO	6636,75858	3803,260497		E15a	57088E15a	STWO	42	43	1	-1	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
35	5987,335108	3889,230511		22	E	57096E15a	STWO	5987,335108	3745,044543		E15a	57096E15a	STWO	39	37	-2	-4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
36	5632,730015	3612,474302		12	E	57118E15a	STWO	5632,730015	3554,469752		E15a	57118E15a	STWO	40	37	-3	-4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-2.35
35	6338,473084	4090,172024		30	E	57126E15a	STWO	6338,473084	3789,975806		E15a	57126E15a	STWO	39	40	1	-4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
35	5921,233659	3832,575331		35	E	57134E15a	STWO	5921,233659	3643,338555		E15a	57134E15a	STWO	39	38	-1	-4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
35	6126,265215	3975,789953		20	E	57142E15a	STWO	6126,265215	3756,8788		E15a	57142E15a	STWO	38	39	1	-3	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
33	5916,482472	3941,438708		15	E	57169E15a	STWO	5916,482472	3717,216241		E15a	57169E15a	STWO	39	37	-2	-6	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
33	5844,424477	3897,656089		36	E	57177E15a	STWO	5844,424477	3713,673162		E15a	57177E15a	STWO	38	36	-2	-5	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
43	6316,916913	3611,073312		30	E	57193E14b	STWO	6316,916913	3811,440419		E14b	57193E14b	STWO	39	40	1	4	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
14	3317,851321	2872,632714		96	F	57282F77c	STWO	3317,851321	2918,855661		F77c	57282F77c	STWO	14	12	-2	0	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
33	5706,902508	3935,326944		14	M	57290M33c	STWO	5706,902508	3655,183256		M33c	57290M33c	STWO	36	36	0	-3	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
43	6238,223351	3102,154851		11	M	57312M33c	STWO	6238,223351	3709,103584		M33c	57312M33c	STWO	40	41	1	3	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7417,910448	2867,289535		1	M	57371M33f	EGWO	7417,910448	2893,7165		M33f	57371M33f	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
42	5865,19505	3231,480272		2	M	57398M33f	STWO	5865,19505	3627,17357		M33f	57398M33f	STWO	38	39	1	4	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
42	5527,654987	2458,402698		2	M	57401M33f	STWO	5527,654987	3458,625942		M33f	57401M33f	STWO	38	39	1	4	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	6679,402259	3130,188662		46	M	57428M33f	EGWO	6679,402259	2946,609179		M33f	57428M33f	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
47	6700,676549	3070,045376		20	M	57428M33f	STWO	6700,676549	3830,575125		M33f	57428M33f	STWO	43	43	0	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	5431,654676	2336,9853		3	M	57444M33f	EGWO	5431,654676	2439,416831		M33f	57444M33f	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
39	6167,714141	3794,484412		114	M	57444M33f	STWO	6167,714141	3789,502263		M33f	57444M33f	STWO	38	39	1	1	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
42	6268,817204	2902,600392		1	M	57479M33f	STWO	6268,817204	3677,781164		M33f	57479M33f	STWO	38	39	1	4	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	5706,84169	2389,425781		3	M	57487M33e	EGWO	5706,84169	2506,233752		M33e	57487M33e	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
36	5588,204738	2530,519839		13	M	57487M33e	STWO	5588,204738	3491,643415		M33e	57487M33e	STWO	36	36	0	0	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	5997,812423	2730,168156		81	M	57495M33e	EGWO	5997,812423	2714,089392		M33e	57495M33e	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
36	5772,104654	3056,178485		15	M	57495M33e	STWO	5772,104654	3717,651959		M33e	57495M33e	STWO	35	36	1	1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6238,551999	3097,457571		89	M	57509M33e	EGWO	6238,551999	2933,982989		M33e	57509M33e	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
36	6061,879831	3366,3149		8	M	57509M33e	STWO	6061,879831	3873,265092		M33e	57509M33e	STWO	35	36	1	1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6117,854115	2821,120284		90	M	57517M33e	EGWO	6117,854115	2790,417332		M33e	57517M33e	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
36	6153,560384	3497,659345		10	M	57517M33e	STWO	6153,560384	3920,334111		M33e	57517M33e	STWO	36	36	0	0	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6097,180471	2687,351507		11	M	57525M33e	EGWO	6097,180471	2607,008991		M33e	57525M33e	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	5699,178982	2585,598693		3	M	57533M33e	EGWO	5699,178982	2523,694187		M33e	57533M33e	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
36	5442,654026	2484,701733		15	M	57533M33e	STWO	5442,654026	3455,355084		M33e	57533M33e	STWO	36	36	0	0	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6039,910761	2772,023969		3	M	57541M33e	EGWO	6039,910761	2772,575397		M33e	57541M33e	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6103,709262	3058,410753		4	M	57568M33e	EGWO	6103,709262	2853,533982		M33e	57568M33e	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	5145,321362	2457,530727		22	M	57584M33b	EGWO	5145,321362	2440,146248		M33b	57584M33b	EGWO	47	49	2	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
40	5294,723058	2799,99165		10	M	57584M33b	STWO	5294,723058	3528,114055		M33b	57584M33b	STWO	34	33	-1	6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
36	5650,658365	2587,894599		6	M	57584M33e	STWO	5650,658365	3514,773848		M33e	57584M33e	STWO	36	36	0	0	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6035,215739	3025,878877		11	M	57592M33e	EGWO	6035,215739	2972,766766		M33e	57592M33e	EGWO	46	49	3	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
26	4763,977329	3738,175475		63	M	57592M33e	STWO	4763,977329	3440,888234		M33e	57592M33e	STWO	29	28	-1	-3	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
49	5871,187519	2820,604319		98	M	57606M33f	EGWO	5871,187519	2803,308407		M33f	57606M33f	EGWO	48	49	1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
47	6380,798567	3025,124148		17	M	57606M33f	STWO	6380,798567	3751,692072		M33f	57606M33f	STWO	41	41	0	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	6006,696429	3090,9685		4	M	57614M33f	EGWO	6006,696429	2963,462532		M33f	57614M33f	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
42	6261,050077	3596,037103		2	M	57614M33f	STWO	6261,050077	3755,162734		M33f	57614M33f	STWO	38	39	1	4	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	6298,866512	2707,515859		3	M	57622M33e	EGWO	6298,866512	2719,60089		M33e	57622M33e	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
	4188,888889			1	B	57630B10g	STWO	4188,888889			B10g	57630B10g	STWO						61,162.852		51.2	61,162.852			
35	5323,496041	3461,341366		29	M	57703M33b	STWO	5323,496041	3756,556464		M33b	57703M33b	STWO	35	35	0	0	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
31	5399,215842	3727,857531		81	M	57703M33g	STWO	5399,215842	3617,176222		M33g	57703M33g	STWO	30	33	3	1	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
28	3480,508518	2488,371134		47	T	57738T94b	EGWO	3480,508518	2264,350876		T94b	57738T94b	EGWO	23	35	12	5	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
27	3593,333333	2634,18229		6	T	57746T94b	EGWO	3593,333333	2412,64979		T94b	57746T94b	EGWO	21	33	12	6	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
14	3577,002371	2468,39029		2	T	57746T94b	STWO	3577,002371	3063,012331		T94b	57746T94b	STWO	8	9	1	6	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
27	3593,333333	2634,18229		12	T	57754T94b	EGWO	3593,333333	2412,64979		T94b	57754T94b	EGWO	21	33	12	6	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
14	3667,663128	2503,079995		4	T	57754T94b	STWO	3667,663128	3083,296728		T94b	57754T94b	STWO	8	9	1	6	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
27	3497,931177	2540,216025		32	T	57762T94b	EGWO	3497,931177	2300,965881		T94b	57762T94b	EGWO	23	34	11	4	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
14	3137,614679	2295,88		1	T	57762T94b	STWO	3137,614679	2935,005697		T94b	57762T94b	STWO	8	9	1	6	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45

30	3785,924609	2658,958447	[redacted]	16	T	57770T94b	EGWO	3785,924609	2359,150365	[redacted]	T94b	57770T94b	EGWO	27	38	11	3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	1.55
28	3485,174592	2513,132695		14	T	57789T94b	EGWO	3485,174592	2262,17942		T94b	57789T94b	EGWO	23	35	12	5	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
22	3477,122838	2777,54551		13	T	57797T94b	EGWO	3477,122838	2468,144609		T94b	57797T94b	EGWO	18	29	11	4	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
22	3522,359224	2811,044286		7	T	57800T94b	EGWO	3522,359224	2523,770891		T94b	57800T94b	EGWO	18	29	11	4	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
32	3668,295502	2468,420153		8	T	57819T94b	EGWO	3668,295502	2259,339685		T94b	57819T94b	EGWO	27	38	11	5	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
14	3800	2667,25		1	T	57819T94b	STWO	3800	3226,913873		T94b	57819T94b	STWO	8	9	1	6	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
28	3502,750019	2535,052049		16	T	57827T94b	EGWO	3502,750019	2305,067572		T94b	57827T94b	EGWO	20	34	14	8	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	13.9	9.35
49	5803,141073	2769,671361		12	M	57835M33e	EGWO	5803,141073	2762,070694		M33e	57835M33e	EGWO	48	49	1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
26	4765,55748	3723,937517		101	M	57835M33e	STWO	4765,55748	3442,31		M33e	57835M33e	STWO	29	28	-1	-3	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
49	6053,714091	3085,4742		52	M	57843M33f	EGWO	6053,714091	2951,44382		M33f	57843M33f	EGWO	48	49	1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
45	5674,056899	3133,797188		131	M	57843M33f	STWO	5674,056899	3579,4204		M33f	57843M33f	STWO	35	37	2	10	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	9.35
49	5804,071247	2425,385369		3	M	57851M33f	EGWO	5804,071247	2542,263861		M33f	57851M33f	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
38	6260,312928	3909,894197		103	M	57851M33f	STWO	6260,312928	3824,655385		M33f	57851M33f	STWO	38	39	1	0	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
36	3904,514629	2496,674702		87	F	57940F84b	EGWO	3904,514629	2236,49228		F84b	57940F84b	EGWO	33	43	10	3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
11	3951,432523	3542,46673		234	F	57959F84b	STWO	3951,432523	3301,697949		F84b	57959F84b	STWO	13	16	3	-2	11.6	61,162.852	3,773.36	252	61,162.852	4,711.837	2.9	-2.35
38	4346,938776	3031,550005		1	F	57975F84b	EGWO	4346,938776	2900,92635		F84b	57975F84b	EGWO	33	43	10	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
16	3560,97561	2248,97		1	F	57975F84b	STWO	3560,97561	3015,223907		F84b	57975F84b	STWO	14	18	4	2	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
40	4084,702516	2431,761515		95	F	57983F84b	EGWO	4084,702516	2300,69933		F84b	57983F84b	EGWO	35	44	9	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
41	4004,789207	2375,068297		39	F	57991F84b	EGWO	4004,789207	2258,631568		F84b	57991F84b	EGWO	34	44	10	7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
16	4035,230139	2612,510276		3	F	57991F84b	STWO	4035,230139	3223,51762		F84b	57991F84b	STWO	14	18	4	2	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
36	3724,577274	2375,947541		8	F	58009F84b	EGWO	3724,577274	2226,323656		F84b	58009F84b	EGWO	29	40	11	7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
35	4526,779733	2947,65073		9	F	58017F84b	EGWO	4526,779733	2629,045784		F84b	58017F84b	EGWO	34	42	8	1	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
37	4481,014782	2842,707632		11	F	58025F84b	EGWO	4481,014782	2515,729795		F84b	58025F84b	EGWO	35	44	9	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
38	4116,399848	2738,117922		3	F	58033F84b	EGWO	4116,399848	2645,09339		F84b	58033F84b	EGWO	33	43	10	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
43	4486,258331	2571,030335		45	F	58041F84b	EGWO	4486,258331	2314,835821		F84b	58041F84b	EGWO	38	48	10	5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
41	3687,653333	2186,099669		24	F	58076F84b	EGWO	3687,653333	2077,877733		F84b	58076F84b	EGWO	34	44	10	7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
21	4113,320484	2377,828852		40	F	58076F84b	STWO	4113,320484	3150,264753		F84b	58076F84b	STWO	19	23	4	2	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
38	4674,157303	3338,236668		1	F	58084F84b	EGWO	4674,157303	3095,044686		F84b	58084F84b	EGWO	33	43	10	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
16	4056,910569	2248,97		1	F	58084F84b	STWO	4056,910569	3126,184171		F84b	58084F84b	STWO	14	18	4	2	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
39	3973,768478	2412,977645		43	F	58092F84b	EGWO	3973,768478	2235,091334		F84b	58092F84b	EGWO	35	44	9	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
16	3732,051948	2443,35		2	F	58092F84b	STWO	3732,051948	3124,256051		F84b	58092F84b	STWO	14	18	4	2	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
38	4236,96339	2647,979979		17	F	58106F84b	EGWO	4236,96339	2424,16519		F84b	58106F84b	EGWO	34	43	9	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
38	3830,460774	2382,494		6	F	58114F84b	EGWO	3830,460774	2276,878632		F84b	58114F84b	EGWO	31	41	10	7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
37	4360,516342	2753,950097		10	F	58122F84b	EGWO	4360,516342	2503,564424		F84b	58122F84b	EGWO	34	42	8	3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
38	4072,17311	2339,012832		3	F	58130F84b	EGWO	4072,17311	2228,730636		F84b	58130F84b	EGWO	33	43	10	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
41	3985,1995	2366,851676		28	F	58149F84c	EGWO	3985,1995	2261,409275		F84c	58149F84c	EGWO	36	43	7	5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
19	4528,528771	3818,08929		25	F	58149F84c	STWO	4528,528771	3463,818707		F84c	58149F84c	STWO	21	24	3	-2	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
42	3829,113595	2206,862906		34	F	58157F84c	EGWO	3829,113595	2126,63193		F84c	58157F84c	EGWO	34	44	10	8	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
41	4134,546524	2439,16755		27	F	58165F84c	EGWO	4134,546524	2289,869546		F84c	58165F84c	EGWO	36	45	9	5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
38	3921,428571	2311,282431		3	F	58173F84c	EGWO	3921,428571	2252,457698		F84c	58173F84c	EGWO	33	42	9	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
43	4104,330461	2362,844338		14	F	58203F84c	EGWO	4104,330461	2285,360733		F84c	58203F84c	EGWO	37	44	7	6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
19	4363,776653	3721,02294		25	F	58203F84c	STWO	4363,776653	3442,930378		F84c	58203F84c	STWO	22	21	-1	-3	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
40	4097,094524	2456,982982		111	F	58238F84c	EGWO	4097,094524	2334,352344		F84c	58238F84c	EGWO	34	43	9	6	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	9.5	5.45
19	4097,573791	3603,754729		66	F	58246F84c	STWO	4097,573791	3334,104564		F84c	58246F84c	STWO	15	18	3	4	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
40	4108,365683	2467,980403		16	F	58262F84c	EGWO	4108,365683	2352,396663		F84c	58262F84c	EGWO	33	43	10	7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
40	3725,214181	2237,868801		55	F	58270F84c	EGWO	3725,214181	2147,543826		F84c	58270F84c	EGWO	32	42	10	8	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
41	3670,692638	2182,173383		50	F	58289F84c	EGWO	3670,692638	2077,776243		F84c	58289F84c	EGWO	33	43	10	8	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
29	4523,338831	3161,182407		16	F	58297F84c	STWO	4523,338831	3466,429497		F84c	58297F84c	STWO	22	23	1	7	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
37	4115,766403	2577,182904		6	F	58300F84c	EGWO	4115,766403	2454,127196		F84c	58300F84c	EGWO	31	40	9	6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
41	4017,549624	2375,881976		24	F	58319F84c	EGWO	4017,549624	2265,155935		F84c	58319F84c	EGWO	34	44	10	7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
37	4166,38441	2620,899212		24	F	58327F84c	EGWO	4166,38441	2466,605939		F84c	58327F84c	EGWO	33	41	8	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
41	3965,656469	2327,579613		44	F	58335F84c	EGWO	3965,656469	2199,958256		F84c	58335F84c	EGWO	36	45	9	5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
38	4505,545944	2789,137935		10	F	58343F84c	EGWO	4505,545944	2556,521878		F84c	58343F84c	EGWO	36	43	7	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
29	4544,597749	3078,895516		10	F	58343F84c	STWO	4544,597749	3447,13582		F84c	58343F84c	STWO	21	24	3	8	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
37	4003,880171	2515,056396		28	F	58351F84c	EGWO	4003,880171	2409,35105		F84c	58351F84c	EGWO	30	40	10	7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
36	4201,464946	2673,56241		52	F	58378F84c	EGWO	4201,464946	2509,683875		F84c	58378F84c	EGWO	32	40	8	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
40	4367,400772	2628,489483		32	F	58386F84c	EGWO	4367,400772	2451,671927		F84c	58386F84c	EGWO	36	44	8	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
38	4414,005735	2743,565072		26	F	58394F84c	EGWO	4414,005735	2513,498236		F84c	58394F84c	EGWO	35	43	8	3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
38	4123,408602	2543,12567		10	F	58408F84c	EGWO	4123,408602	2413,383816		F84c	58408F84c	EGWO	31	41	10	7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
39	4163,072122	2549,77749		55	F	58416F84c	EGWO	4163,072122	2406,768568		F84c	58416F84c	EGWO	34	42	8	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
37	4149,019426	2611,003101		14	F	58424F84c	EGWO	4149,019426	2487,854138		F84c	58424F84c	EGWO	30	40	10	7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
34	4316,166035	2856,933653		18	F	58432F84c	EGWO	4316,166035	2678,852159		F84c	58432F84c	EGWO	33	42	9	1	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
39	4177,84757	2559,321789		38	F	58564F84c	EGWO	4177,84757	2436,801688		F84c	58564F84c	EGWO	32	42	10	7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
40	4063,790432	2434,360044		173	N	58815N74c	EGWO	4063,790432	2326,879027		N74c	58815N74c	EGWO	38	43	5	2	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	5.1	1.55
41	4436,640319	2638,701786		28	N	58831N74c	EGWO	4436,640319	2567,018073		N74c	58831N74c	EGWO	34	42	8	7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
41	4473,511806	2644,133846		26	N	58858N74c	EGWO	4473,511806	2582,545907		N74c	58858N74c	EGWO	34	42	8	7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
46	4325,107468	2345,986667		24	N	58866N74c	EGWO	4325,107468	2354,619971		N74c	58866N74c	EGWO	36	46	10	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
40	3842,692721	2535,008946		10	N	58874N74c	EGWO	3842,692721	2399,591042		N74c	58874N74c	EGWO	34	42	8	6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
40	4675,865264	3052,868956		20	N	58882N74c	EGWO	4675,865264			N74c	58882N74c	EGWO	39	47	8	1	38	61,162.852	3,773.36	51.2	61,162.852		7.3	1.55
30	3506,375719	2452,794403		36	T	58998T94b	EGWO	3506,375719	2239,535288		T94b	58998T94b	EGWO	27	36	9	3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
9	3405,590141	3575,054191		10	T	58998T94b	STWO	3405,590141	3306,941125		T94b	58998T94b	STWO	9	6	-3	0	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	1.55
27	3286,092184	2388,818659		25	T	59005T94b	EGWO	3286,092184	2167,46936		T94b	59005T94b	EGWO	24	34	10	3	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
14	3760,771476	2847,6875		4	T	59005T94b	STWO	3760,771476	3318,02693		T94b	59005T94b	STWO	8	9	1	6	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
22	3364,052059	2612,043411		39	T	59013T94b	EGWO	3364,052059	2304,35184		T94b	59013T94b	EGWO	21	31	10	1	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
25	3706,780871	2793,937878		26	T	59021T94b	EGWO	3706,780871	2458,4059		T94b	59021T94b	EGWO	23	34	11	2	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	1.55
27	4132,653061	2824,030875		2	T	59048T94b	EGWO	4132,653061	2426,589242		T94b	59048T94b	EGWO	23	34	11	4	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
9	3466,096012	3552,262553		50	T	59048T94b	STWO	3466,096012	3251,118893		T94b	59048T94b	STWO	5	7	2	4	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
30	3212,94597	2249,497895		19	T	59056T94b	EGWO	3212,94597	2062,786032		T94b	59056T94b	EGWO	23	36	13	7	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	13.9	5.45
19	3322,357188	2300,130731		15	T	59056T94b	STWO	3322,357188	2974,124377		T94b	59056T94b	STWO	8	10	2	11	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
27	3155,647383	2302,625833		12	T	59064T94b	EGWO	3155,647383	2071,747968		T94b	59064T94b	EGWO	25	34	9	2	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
9	3338,355313	3512,993171		41	T	59064T94b	STWO	3338,355313	3240,859905		T94b	59064T94b	STWO	5	5	0	4	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
27	3210,227273	2589,105		2	T	59072T94b	EGWO	3210,227273	2246,403275		T94b	59072T94b	EGWO	23	34	11	4	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
9	3616,429086	3702,930397		19	T	59072T94b	STWO	3616,429086	3239,815827		T94b	59072T94b	STWO	7	10	3	2	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55

19	3374,678899	2332,205769	[redacted]	25	T	59080T94b	STWO	3374,678899	2988,046338	[redacted]	T94b	59080T94b	STWO	11	11	0	8	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
9	3462,683771	3602,366861		28	T	59099T94b	STWO	3462,683771	3153,563124		T94b	59099T94b	STWO	7	9	2	2	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
30	3925,552078	2736,561049		30	T	59102T93j	EGWO	3925,552078	2335,160735		T93j	59102T93j	EGWO	30	41	11	0	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	1.55
22	3701,585396	2905,056068		20	T	59110T93j	EGWO	3701,585396	2763,460215		T93j	59110T93j	EGWO	20	31	11	2	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	1.55
27	3632,018518	2667,84206		53	T	59129T93j	EGWO	3632,018518	2327,904584		T93j	59129T93j	EGWO	25	36	11	2	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	1.55
27	3630,326756	2665,316433		55	T	59137T93j	EGWO	3630,326756	2332,735224		T93j	59137T93j	EGWO	25	36	11	2	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	1.55
27	3951,923077	3648,5		1	T	59145T93j	EGWO	3951,923077	2979,586445		T93j	59145T93j	EGWO	25	36	11	2	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	1.55
28	3393,457483	2428,546789		25	T	59153T93j	EGWO	3393,457483	2195,585351		T93j	59153T93j	EGWO	23	35	12	5	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
30	3381,213152	2346,582222		18	T	59153T93j	STWO	3381,213152	3013,354409		T93j	59153T93j	STWO	14	11	-3	16	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	17.15
35	5258,122461	3437,666171		42	M	59161M33b	STWO	5258,122461	3626,945145		M33b	59161M33b	STWO	35	35	0	0	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
31	5296,482599	3670,248934		38	M	59161M33g	STWO	5296,482599	3546,242351		M33g	59161M33g	STWO	33	33	0	-2	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	5627,969858	2835,79645		10	M	59196M33b	EGWO	5627,969858	2731,056929		M33b	59196M33b	EGWO	48	49	1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	5285,936498	2357,972423		20	M	59226M33b	EGWO	5285,936498	2404,276999		M33b	59226M33b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
31	5428,944001	3723,647284		120	M	59234M33b	STWO	5428,944001	3620,663534		M33b	59234M33b	STWO	33	33	0	-2	29.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-2.35
40	5857,937236	2693,048263		25	M	59250M33b	STWO	5857,937236	3612,865622		M33b	59250M33b	STWO	38	38	0	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
45	7014,723559	3295,748873		18	A	59277A04g	STWO	7014,723559	3888,472612		A04g	59277A04g	STWO	42	44	2	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
45	7176,50185	3450,852382		18	A	59285A04g	STWO	7176,50185	4013,520192		A04g	59285A04g	STWO	42	44	2	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
37	3984,529236	2552,248757		34	F	59315F85a	EGWO	3984,529236	2440,443602		F85a	59315F85a	EGWO	31	39	8	6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
31	4477,971719	3076,374502		58	F	59315F85a	STWO	4477,971719			F85a	59315F85a	STWO	26	28	2	5	29.2	61,162.852	3,773.36	51.2	61,162.852		2.9	5.45
38	3877,87728	2417,069225		43	F	59323F85a	EGWO	3877,87728	2396,134949		F85a	59323F85a	EGWO	32	38	6	6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
38	4444,754379	2750,655807		15	F	59331F85a	EGWO	4444,754379	2616,244666		F85a	59331F85a	EGWO	35	41	6	3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
42	4005,797987	2325,264418		66	F	59358F85a	EGWO	4005,797987	2269,718029		F85a	59358F85a	EGWO	35	43	8	7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
47	4927,571709	2617,394186		25	F	59404F77b	EGWO	4927,571709	2467,460704		F77b	59404F77b	EGWO	43	49	6	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
47	4977,316295	2641,74877		13	F	59412F77b	EGWO	4933,301639	2479,786386		F77b	59412F77b	EGWO	44	49	5	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
23	4129,461279	2487,981107		6	F	59412F77b	STWO	4129,461279	3159,607875		F77b	59412F77b	STWO	17	23	6	6	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
49	4760,908652	2408,7633		31	F	59420F77b	EGWO	4760,908652	2379,851415		F77b	59420F77b	EGWO	42	49	7	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
43	4863,991477	2818,913285		22	F	59439F77b	EGWO	4863,991477	2839,602446		F77b	59439F77b	EGWO	40	45	5	3	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
23	4341,258407	2786,154503		8	F	59439F77b	STWO	4341,258407	3267,616973		F77b	59439F77b	STWO	17	25	8	6	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
48	4874,176009	2553,568657		24	F	59447F77b	EGWO	4874,176009	2437,08016		F77b	59447F77b	EGWO	44	49	5	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
18	4825	2738,517435		4	F	59447F77b	STWO	4825	3313,6309		F77b	59447F77b	STWO	16	20	4	2	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
49	5144,720762	2491,749264		32	F	59455F77b	EGWO	5144,720762	2438,925988		F77b	59455F77b	EGWO	45	49	4	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
18	5085,119798			2	F	59455F77b	STWO	5085,119798			F77b	59455F77b	STWO	16	20	4	2	16	61,162.852		51.2	61,162.852		2.9	1.55
33	5117,403204	3461,518936		20	F	59463F86b	STWO	5117,403204	3547,423689		F86b	59463F86b	STWO		30			33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
30	5462,924546	3811,97874		42	M	59498M32c	STWO	5462,924546	3625,385674		M32c	59498M32c	STWO	34	34	0	-4	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
35	6479,586749	4339,657974		27	A	59501A04g	STWO	6479,586749	3937,915133		A04g	59501A04g	STWO	37	39	2	-2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
46	7592,351023	4144,767687		675	K	59528K23d	STWO	7592,351023	4133,256341		K23d	59528K23d	STWO	46	46	0	0	46.8	61,162.852	3,773.36	653.6	61,162.852	4,711.837	0.7	1.55
49	6380,712451	2827,544723		86	M	59625M33f	EGWO	6380,712451	2805,958631		M33f	59625M33f	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
39	6067,07978	3703,639105		80	M	59625M33f	STWO	6067,07978	3646,354981		M33f	59625M33f	STWO	41	40	-1	-2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
49	5592,010807	2631,712552		23	E	59633E75a	STWO	5592,010807	3522,314515		E75a	59633E75a	STWO	36	37	1	13	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
34	5974,185647	3910,754864		17	N	59641N66d	EGWO	5974,185647	3219,9619		N66d	59641N66d	EGWO	40	46	6	-6	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-6.25
47	6498,882996	3140,042675		46	A	59668A04f	STWO	6498,882996	3780,343723		A04f	59668A04f	STWO	44	42	-2	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
40	6055,719642	3565,53467		31	K	59714K90i	STWO	6055,719642	3664,725081		K90i	59714K90i	STWO	44	39	-5	-4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-5.9	-2.35
41	6023,182994	3573,858207		37	K	59722K90i	STWO	6023,182994	3673,799574		K90i	59722K90i	STWO	42	39	-3	-1	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-2.35
41	6321,865086	3754,651711		38	K	59730K90i	STWO	6321,865086	3851,853372		K90i	59730K90i	STWO	45	41	-4	-4	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-2.35
48	7070,775656	3704,549439		257	E	59862E12b	STWO	7070,775656	3946,367522		E12b	59862E12b	STWO	46	44	-2	2	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	-1.5	1.55
35	5734,899821	3718,654055		71	F	59919F87c	STWO	5734,899821	3686,308469		F87c	59919F87c	STWO	34	36	2	1	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
46	6785,715722	3651,103786		197	E	59927E14f	STWO	6780,347321	4013,767388		E14f	59927E14f	STWO	42	41	-1	4	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
49	6069,876261	2504,743761		17	M	59951M56f	EGWO	6069,876261	2476,243343		M56f	59951M56f	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	5805,785956	2550,419976		58	M	59978M56f	EGWO	5805,785956	2605,716029		M56f	59978M56f	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	5676,064208	2592,276277		26	M	59986M56f	EGWO	5676,064208	2656,788097		M56f	59986M56f	EGWO	48	49	1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	6240,417999	2815,895012		89	M	59994M56f	EGWO	6240,417999	2727,510695		M56f	59994M56f	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	5712,219447	2593,931859		26	M	60003M56f	EGWO	5712,219447	2662,843823		M56f	60003M56f	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
29	4550,756306	3239,738924		101	M	60011M56f	STWO	4550,756306	3190,454844		M56f	60011M56f	STWO	28	30	2	1	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
49	7866,666667			1	M	60038M56f	EGWO	7866,666667			M56f	60038M56f	EGWO	49	49	0	0	46.8	61,162.852		51.2	61,162.852		0.7	1.55
34	4867,306192	3219,374705		190	M	60038M56f	STWO	4867,306192	3316,736264		M56f	60038M56f	STWO	30	32	2	4	33.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	5.45
15	4000,099743	2840,104425		72	F	60046F76b	STWO	4000,099743	3085,454939		F76b	60046F76b	STWO	17	21	4	-2	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
37	5772,708305			45	A	60062A09i	STWO	5772,708305			A09i	60062A09i	STWO	38	39	1	-1	38	61,162.852		51.2	61,162.852		0.7	-2.35
34	4569,724325	3003,309376		7	N	60089N66d	EGWO	4569,724325	2660,649562		N66d	60089N66d	EGWO	35	41	6	-1	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-2.35
34	5549,07782	3647,366182		35	M	60151M32c	STWO	5549,07782	3525,05293		M32c	60151M32c	STWO	37	36	-1	-3	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
38	4252,252252	2450,439438		2	F	60364F84c	EGWO	4252,252252	2316,273117		F84c	60364F84c	EGWO	33	42	9	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
38	4252,252252	2422,518426		2	F	60372F84c	EGWO	4252,252252	2316,273117		F84c	60372F84c	EGWO	33	42	9	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
35	4175,615572	2732,185583		40	F	60380F84c	EGWO	4175,615572	2319,050659		F84c	60380F84c	EGWO	36	44	8	-1	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	-2.35
38	4067,562756	2326,165406		4	F	60399F84c	EGWO	4067,562756	2204,454766		F84c	60399F84c	EGWO	33	42	9	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
42	4027,030163	2353,332414		27	F	60402F84c	EGWO	4027,030163	2197,04921		F84c	60402F84c	EGWO	36	45	9	6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
41	4185,752062	2471,205413		16	F	60410F84c	EGWO	4185,752062	2326,024098		F84c	60410F84c	EGWO	34	44	10	7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
41	4196,750434	2491,137108		18	F	60429F84c	EGWO	4196,750434	2364,611046		F84c	60429F84c	EGWO	35	44	9	6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
41	4016,218854	2384,802978		28	F	60437F84c	EGWO	4016,218854	2245,808438		F84c	60437F84c	EGWO	35	44	9	6	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
42	4013,875349	2309,443725		21	F	60445F84c	EGWO	4013,875349	2199,115288		F84c	60445F84c	EGWO	35	45	10	7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
24	5836,591645	3151,822914		4	F	60445F84c	STWO	5836,591645	3812,016943		F84c	60445F84c	STWO	20	23	3	4	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
33	4850,526184	3754,822306		11	F	60453F84c	EGWO	4850,526184	2784,036788		F84c	60453F84c	EGWO	34	44	10	-1	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	-2.35
38	4252,842262	2551,006802		3	F	60461F84c	EGWO	4252,842262	2436,716706		F84c	60461F84c	EGWO	33	42	9	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
38	4294,283088	2696,111988		3	F	60488F84c	EGWO	4294,283088	2496,44615		F84c	60488F84c	EGWO	33	42	9	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
33	3426,841137	2349,218634		26	F	60496F84c	EGWO	3426,841137	2276,195565		F84c	60496F84c	EGWO	29	37	8	4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
39	3817,914794	2337,701092		80	F	60518F84c	EGWO	3817,914794	2262,154384		F84c	60518F84c	EGWO	34	40	6	5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
24	5540,419267	3310,044411		4	F	60518F84c	STWO	5540,419267	3743,744506		F84c	60518F84c	STWO	20	23	3	4	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
38	3854,007596	2406,45089		42	F	60526F84c	EGWO	3854,007596	2277,782672		F84c	60526F84c	EGWO	32	41	9	6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
37	4226,214546	2656,579215		64	F	60534F84c	EGWO	4226,214546	2395,604174		F84c	60534F84c	EGWO	33	42	9	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
26	3201,24503	2374,114118		6	T	60712T93d	EGWO	3201,24503	2114,509315		T93d	60712T93d	EGWO	21	34	13	5	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	13.9	5.45
11	3850,650947	3428,709304		14	T	60712T93d	STWO	3850,650947	3290,630368		T93d	60712T93d	STWO	10	13	3	1	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
26	3483,16866	2563,489356		39	T	60720T93d	EGWO	3483,16866	2172,392547		T93d	60720T93d	EGWO	26	38	12	0	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	1.55
22	3296,313323	2563,391993		28	T	60739T93d	EGWO	3296,313323	2196,54648		T93d	60739T93d	EGWO	19	33	14	3	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	13.9	1.55
25	3131,207452	2347,893443		28	T	60747T93d	EGWO	3131,207452	2093,180251		T93d	60747T93d	EGWO	23	33	10	2	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
35	3692,91708	2391,907931		57	F	60771F84c	EGWO	3692,91708	2209,644295		F84c	60771F84c	EGWO	28	40	12	7	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45

29	4553,859428	3206,331264	[redacted]	69	F	60771F84c	STWO	4553,859428	3359,365438	[redacted]	F84c	60771F84c	STWO	23	27	4	6	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
31	6096,551724	3215,0055		1	A	60798A05f	STWO	6096,551724	3685,966779		A05f	60798A05f	STWO	40	40	0	-9	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-10.15
42	6042,961361	3227,404328		88	K	60801K48d	STWO	6042,961361	3630,336258		K48d	60801K48d	STWO	43	40	-3	-1	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-3.7	-2.35
40	6147,925342	3694,924337		353	K	60828K48d	STWO	6147,925342	3738,499616		K48d	60828K48d	STWO	42	39	-3	-2	38	61,162.852	3,773.36	352.4	61,162.852	4,711.837	-3.7	-2.35
41	6614,317807	3868,186572		313	K	60836K48d	STWO	6614,317807	3867,745687		K48d	60836K48d	STWO	43	41	-2	-2	42.4	61,162.852	3,773.36	352.4	61,162.852	4,711.837	-1.5	-2.35
43	6156,333763	3507,310478		131	K	60844K48d	STWO	6156,333763	3677,93195		K48d	60844K48d	STWO	42	41	-1	1	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	1.55
43	6388,466696	3628,110383		67	K	60852K48d	STWO	6388,466696	3752,538351		K48d	60852K48d	STWO	43	42	-1	0	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
46	6469,509052	3466,247125		106	K	60860K48d	STWO	6469,509052	3853,041921		K48d	60860K48d	STWO	42	40	-2	4	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	5.45
49	5078,664165	2584,769039		179	M	60887M35c	EGWO	5078,664165	2362,172238		M35c	60887M35c	EGWO	48	49	1	1	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
44	5124,933635	2570,770373		26	M	60887M35c	STWO	5124,933635	3414,727917		M35c	60887M35c	STWO	35	33	-2	9	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	9.35
46	5770,337561	3066,772921		132	M	60895M35c	EGWO	5770,337561	2722,8537		M35c	60895M35c	EGWO	49	49	0	-3	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-2.35
39	6455,882353	2751,912116		1	M	60895M35c	STWO	6455,882353	3654,230076		M35c	60895M35c	STWO	31	33	2	8	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
48	4595,9791	2261,618582		2	M	60909M35c	EGWO	4595,9791	2302,980431		M35c	60909M35c	EGWO	49	49	0	-1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
39	4550	2912,631307		1	M	60909M35c	STWO	4550	3185,075531		M35c	60909M35c	STWO	31	33	2	8	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
49	4561,632021	2252,860762		14	M	60909M35f	EGWO	4561,632021	2289,03241		M35f	60909M35f	EGWO	46	49	3	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
25	4772,77126	3572,572922		38	M	60909M35f	STWO	4772,77126	3469,652492		M35f	60909M35f	STWO	27	27	0	-2	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
48	5129,36646	2800,729994		2	M	60917M35c	EGWO	5129,36646	2789,737436		M35c	60917M35c	EGWO	49	49	0	-1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
48	5425,229908	3026,993653		3	M	60925M35c	EGWO	5425,229908	2921,081288		M35c	60925M35c	EGWO	49	49	0	-1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
47	5114,549204	2762,173017		131	M	60933M35c	EGWO	5114,549204	2495,013652		M35c	60933M35c	EGWO	49	49	0	-2	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-2.35
34	4870,335231	3606,192782		6	M	60933M35c	STWO	4870,335231	3404,984327		M35c	60933M35c	STWO	31	30	-1	3	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	5297,370531	2477,557689		33	M	60941M35c	EGWO	5297,370531	2451,106446		M35c	60941M35c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
33	4585,031323	2962,105085		31	M	60976M35e	STWO	4585,031323	3198,122462		M35e	60976M35e	STWO	30	30	0	3	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	4631,40684	2309,69238		16	M	60976M35f	EGWO	4631,40684	2375,548587		M35f	60976M35f	EGWO	44	49	5	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
26	4626,953822	3417,823241		35	M	60976M35f	STWO	4626,953822	3408,684221		M35f	60976M35f	STWO	26	26	0	0	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
39	5236,842105	3896,322624		1	M	60984M35c	STWO	5236,842105	3657,884561		M35c	60984M35c	STWO	31	33	2	8	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
49	4900,828646	2419,438987		14	M	60984M35f	EGWO	4900,828646	2408,749815		M35f	60984M35f	EGWO	45	49	4	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
22	4545,999839	3530,016489		53	M	60984M35f	STWO	4545,999839	3407,801907		M35f	60984M35f	STWO	24	25	1	-2	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	99760,01962	16130,97575		23	M	60992M35e	EGWO	99760,01962	22056,08299		M35e	60992M35e	EGWO	49	49	0	0	46.8	61,162.852	17,020.721	51.2	61,162.852	21,981.214	0.7	1.55
30	4703,454897	3283,42585		95	M	60992M35e	STWO	4703,454897	3323,347135		M35e	60992M35e	STWO	30	28	-2	0	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	4994,784218	2563,45611		76	M	60992M35f	EGWO	4994,784218	2425,471231		M35f	60992M35f	EGWO	46	49	3	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
24	4772,739871	3629,165477		279	M	60992M35f	STWO	4772,739871	3637,316305		M35f	60992M35f	STWO	23	24	1	1	24.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	1.55
31	5445,823498	3758,909697		58	M	60992M51c	STWO	5445,823498	3971,181613		M51c	60992M51c	STWO	27	27	0	4	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	4550,333122	2311,451505		31	M	61018M35e	EGWO	4550,333122	2285,128201		M35e	61018M35e	EGWO	46	49	3	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
30	4708,303772	3283,280444		7	M	61018M35e	STWO	4708,303772	3446,518274		M35e	61018M35e	STWO	25	27	2	5	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
48	4692,72449	2416,274548		50	M	61018M35f	EGWO	4692,72449	2337,384244		M35f	61018M35f	EGWO	46	49	3	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
29	4533,564705	3204,74479		192	M	61018M35f	STWO	4533,564705	3298,647525		M35f	61018M35f	STWO	26	27	1	3	29.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
49	4634,214831	2340,90855		7	M	61026M35e	EGWO	4634,214831	2359,67626		M35e	61026M35e	EGWO	45	49	4	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
29	4855,164913	3351,251987		47	M	61026M35e	STWO	4855,164913	3307,539973		M35e	61026M35e	STWO	25	25	0	4	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	4815,063101	2419,432501		13	M	61034M35e	EGWO	4815,063101	2414,198142		M35e	61034M35e	EGWO	46	49	3	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
26	4989,590589	3697,030422		165	M	61034M35e	STWO	4989,590589	3849,931747		M35e	61034M35e	STWO	22	22	0	4	24.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
49	5352,676528	2451,539217		17	M	61042M35f	EGWO	5352,676528	2411,002495		M35f	61042M35f	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	4604,087298	2278,355277		8	M	61050M35e	EGWO	4604,087298	2317,856184		M35e	61050M35e	EGWO	46	49	3	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
27	4674,260139	3391,477528		77	M	61050M35e	STWO	4674,260139	3380,444058		M35e	61050M35e	STWO	25	26	1	2	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	4663,020788	2331,462154		19	M	61069M35f	EGWO	4663,020788	2378,662537		M35f	61069M35f	EGWO	42	49	7	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
31	4346,594907	2973,099725		63	M	61069M35f	STWO	4346,594907	3269,227047		M35f	61069M35f	STWO	23	24	1	8	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
49	4841,101695	2342,88		12	M	61077M35e	EGWO	4841,101695	2400,456017		M35e	61077M35e	EGWO	46	49	3	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
33	4749,607043	2386,393321		20	M	61077M35e	STWO	4749,607043	3325,866513		M35e	61077M35e	STWO	29	30	1	4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	4723,526535	2733,755		4	M	61085M35e	EGWO	4723,526535	2610,054233		M35e	61085M35e	EGWO	46	49	3	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
28	4574,237805	3614,142847		2	M	61085M35e	STWO	4574,237805	3462,788548		M35e	61085M35e	STWO	26	26	0	2	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
25	4713,475791	3543,433669		113	M	61093M35e	STWO	4713,475791	3468,516647		M35e	61093M35e	STWO	27	26	-1	-2	24.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	-2.35
49	4589,788375	2380,087417		15	M	61107M35e	EGWO	4589,788375	2355,275		M35e	61107M35e	EGWO	44	49	5	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
25	4504,570975	3390,071807		16	M	61107M35e	STWO	4504,570975	3341,24896		M35e	61107M35e	STWO	25	26	1	0	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	4644,547248	2275,137034		84	M	61107M35f	EGWO	4644,547248	2318,474947		M35f	61107M35f	EGWO	46	49	3	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
24	4560,377317	3473,008066		138	M	61107M35f	STWO	4560,377317	3400,496837		M35f	61107M35f	STWO	24	25	1	0	24.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
49	4716,315142	2447,079491		10	M	61123M35e	EGWO	4716,315142	2445,816508		M35e	61123M35e	EGWO	44	49	5	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
49	4868,426891	2374,778315		16	M	61158M35e	EGWO	4868,426891	2393,819636		M35e	61158M35e	EGWO	46	49	3	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
45	4701,92971	2593,393981		20	M	61166M35f	EGWO	4701,92971	2604,208145		M35f	61166M35f	EGWO	40	45	5	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
49	5058,042005	2771,405171		10	M	61174M35e	EGWO	5058,042005	2644,250045		M35e	61174M35e	EGWO	46	49	3	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
49	4814,17531	2433,825952		11	M	61182M35f	EGWO	4814,17531	2452,13389		M35f	61182M35f	EGWO	45	49	4	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
43	5070,171532	2962,710464		28	M	61204M35f	EGWO	5070,171532	2719,558088		M35f	61204M35f	EGWO	43	47	4	0	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
33	5021,987578	3369,070178		14	M	61212M35e	STWO	5021,987578	3515,317187		M35e	61212M35e	STWO	31	31	0	2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
48	5171,858715	2693,495508		16	M	61220M35f	EGWO	5171,858715	2655,934332		M35f	61220M35f	EGWO	47	48	1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
44	4390,997521	2468,734158		36	M	61239M35f	EGWO	4390,997521	2382,547918		M35f	61239M35f	EGWO	43	46	3	1	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
26	4943,181818			1	M	61239M35f	STWO	4943,181818			M35f	61239M35f	STWO	25	25	0	1	24.8	61,162.852		51.2	61,162.852		0.7	1.55
49	4910,69529	2309,448398		23	M	61247M35f	EGWO	4910,69529	2367,179816		M35f	61247M35f	EGWO	48	49	1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	4890,156123	2390,331447		11	M	61263M35f	EGWO	4890,156123	2449,96232		M35f	61263M35f	EGWO	47	49	2	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
48	4709,490741	2439,729676		8	M	61271M35f	EGWO	4709,490741	2434,137973		M35f	61271M35f	EGWO	45	48	3	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
26	4495,915033	3568,558102		4	M	61271M35f	STWO	4495,915033	3413,684979		M35f	61271M35f	STWO	25	25	0	1	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	4465,360999	2218,034154		11	M	61298M35f	EGWO	4465,360999	2232,09213		M35f	61298M35f	EGWO	44	49	5	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
43	5478,388588	3576,560985		14	M	61301M35f	EGWO	5478,388588	2795,956094		M35f	61301M35f	EGWO	43	49	6	0	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
26	4708,333333	2203,404929		1	M	61301M35f	STWO	4708,333333	3262,185467		M35f	61301M35f	STWO	25	25	0	1	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	4878,134254	2463,332463		16	M	61328M35f	EGWO	4878,134254	2483,119489		M35f	61328M35f	EGWO	46	49	3	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
31	4527,744134	3054,859776		39	M	61328M35f	STWO	4527,744134	3333,988268		M35f	61328M35f	STWO	26	26	0	5	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
43	5684,977049	3838,262906		11	M	61344M35f	EGWO	5684,977049	2957,372199		M35f	61344M35f	EGWO	41	48	7	2	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
49	4639,858393	2237,495216		27	M	61352M35f	EGWO	4639,858393	2262,734108		M35f	61352M35f	EGWO	45	49	4	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
31	4939,001862	3277,693043		12	M	61360M35f	STWO	4939,001862	3399,753318		M35f	61360M35f	STWO	30	30	0	1	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
11	3882,219722	3472,311537		36	F	61387F78c	STWO	3882,219722	3247,890573		F78c	61387F78c	STWO	11	16	5	0	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
49	6887,670724	2962,928681		26	E	61425E14f	STWO	6887,670724	3854,662714		E14f	61425E14f	STWO	46	44	-2	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
49	8018,518519	2874,784253		1	A	61433A05d	EGWO	8018,518519	2946,999255		A05d	61433A05d	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
45	7652,931356	4171,812216		78	A	61433A05d	STWO	7652,931356	4038,024449		A05d	61433A05d	STWO	46	47	1	-1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
29	3608,280499	2564,533659		28	T	61468T94i	EGWO	3608,280499	2305,236263		T94i	61468T94i	EGWO	28	36	8	1	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
12	3702,469136	2407,790805		2	T	61468T94i	STWO	3702,469136	3089,615631		T94i	61468T94i	STWO	9	17	8	3	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
28	3464,166667	2480,352188		12	T	61476T94i	EGWO	3464,166667	2241,245705		T94i	61476T94i	EGWO	28	35	7	0	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55

29	3233,032501	2302,605556	[redacted]	9	T	61484T94i	EGWO	3233,032501	2081,041667	[redacted]	T94i	61484T94i	EGWO	24	36	12	5	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
12	4294,117647	3978,80534		2	T	61484T94i	STWO	4294,117647	3390,410813		T94i	61484T94i	STWO	9	17	8	3	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
28	3486,525567	2790,382237		4	T	61492T94i	EGWO	3486,525567	2583,197128		T94i	61492T94i	EGWO	20	35	15	8	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	13.9	9.35
31	3108,487767	2136,123859		36	T	61506T94i	EGWO	3108,487767	1968,272795		T94i	61506T94i	EGWO	23	37	14	8	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	13.9	9.35
29	3582,750583	2555,6968		11	T	61514T94i	EGWO	3582,750583	2295,350108		T94i	61514T94i	EGWO	24	36	12	5	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
28	3205,477408	2513,933715		4	T	61522T94i	EGWO	3205,477408	2315,252428		T94i	61522T94i	EGWO	25	35	10	3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
12	4269,607843	2900,216376		2	T	61522T94i	STWO	4269,607843	3314,337003		T94i	61522T94i	STWO	9	17	8	3	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
28	3363,051257	2408,48852		13	T	61530T94i	EGWO	3363,051257	2186,983479		T94i	61530T94i	EGWO	23	35	12	5	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
28	3582,387242	2579,153016		17	T	61557T94k	EGWO	3582,387242	2336,106594		T94k	61557T94k	EGWO	26	35	9	2	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
11	4276,435801	3537,882995		201	T	61573T93a	STWO	4276,435801	3552,490759		T93a	61573T93a	STWO	9	13	4	2	11.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	1.55
49	6589,778883	2596,516451		6	K	61581K23d	EGWO	6589,778883	2686,79243		K23d	61581K23d	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
45	6918,84156	3797,496597		331	K	61581K23d	STWO	6918,84156	3988,994149		K23d	61581K23d	STWO	42	42	0	3	46.8	61,162.852	3,773.36	352.4	61,162.852	4,711.837	0.7	1.55
35	4336,473239	2360,130252		14	F	61603F78d	EGWO	4336,473239	2297,055594		F78d	61603F78d	EGWO	33	41	8	2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
47	6158,080954	3266,167172		118	E	61611E37e	STWO	6151,939708	3632,9953		E37e	61611E37e	STWO	38	38	0	9	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	9.35
48	5228,257275	2553,284791		3	M	61646M35c	EGWO	5228,257275	2465,309615		M35c	61646M35c	EGWO	49	49	0	-1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
48	4837,214665	2311,821962		3	M	61654M35c	EGWO	4837,214665	2255,373367		M35c	61654M35c	EGWO	49	49	0	-1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
48	6341,093993	4641,69872		2	M	61700M35a	EGWO	6341,093993	3651,478074		M35a	61700M35a	EGWO	48	49	1	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
28	5033,805998	3650,761579		67	M	61700M35a	STWO	5033,805998	3504,635427		M35a	61700M35a	STWO	30	30	0	-2	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
34	4881,796826	3699,765443		32	M	61700M35b	STWO	4881,796826	3481,762929		M35b	61700M35b	STWO	28	29	1	6	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	4787,693225	2319,086578		60	M	61700M35c	EGWO	4787,693225	2283,878918		M35c	61700M35c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
38	5137,771576	3192,33024		166	M	61700M35c	STWO	5137,771576	3514,005324		M35c	61700M35c	STWO	31	33	2	7	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	5.45
49	4647,885821	2215,043346		5	M	61700M35e	EGWO	4647,885821	2304,211909		M35e	61700M35e	EGWO	48	49	1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
24	4454,480592	3398,192199		112	M	61700M35e	STWO	4454,480592	3409,906381		M35e	61700M35e	STWO	23	23	0	1	24.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
49	4703,016192	2223,107202		5	M	61700M35f	EGWO	4703,016192	2328,22023		M35f	61700M35f	EGWO	45	49	4	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
26	4563,203857	3368,080073		163	M	61700M35f	STWO	4563,203857	3397,141899		M35f	61700M35f	STWO	24	26	2	2	24.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	1.55
49	5463,076341	2728,825547		26	M	61700M51b	EGWO	5463,076341	2543,721854		M51b	61700M51b	EGWO	48	49	1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
34	4999,659677	2636,745881		21	M	61700M51b	STWO	4999,659677	3408,490585		M51b	61700M51b	STWO	31	32	1	3	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
24	4252,552276	3218,645652		23	M	61700M51c	STWO	4252,552276	3223,482842		M51c	61700M51c	STWO	25	24	-1	-1	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
41	6309,931537	3703,927863		15	N	61719N73b	EGWO	6309,931537	3098,95097		N73b	61719N73b	EGWO	44	49	5	-3	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-2.35
45	6355,329949	3744,553299		1	N	61727N73b	EGWO	6355,329949	3058,36518		N73b	61727N73b	EGWO	40	49	9	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
22	4722,799939	3708,739237		9	M	61875M35f	STWO	4722,799939	3505,33528		M35f	61875M35f	STWO	25	26	1	-3	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
40	5659,611326	3160,133618		55	M	61905M33a	STWO	5659,611326	3740,592536		M33a	61905M33a	STWO	37	36	-1	3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
33	5635,644882	3788,432109		191	M	61921M33a	STWO	5635,644882	3638,127304		M33a	61921M33a	STWO	36	35	-1	-3	33.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	-2.35
40	6593,309416	3893,631432		20	M	61956M33a	STWO	6593,309416	3800,176134		M33a	61956M33a	STWO	38	41	3	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
39	6183,767779	3786,951201		21	M	61964M33a	STWO	6183,767779	3704,394274		M33a	61964M33a	STWO	37	40	3	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
30	4966,398851	3531,654858		66	M	61972M33a	STWO	4966,398851	3402,59129		M33a	61972M33a	STWO	33	31	-2	-3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
49	7189,89929	3617,505866		97	K	61999K23d	STWO	7189,89929	3940,072557		K23d	61999K23d	STWO	47	46	-1	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
47	7106,248552	3775,931361		90	K	62014K23d	STWO	7106,248552	4045,624085		K23d	62014K23d	STWO	45	43	-2	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
46	6980	3932,962325		4	K	62022K23d	STWO	6980	4078,943776		K23d	62022K23d	STWO	45	44	-1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
42	6283,11613	3631,118705		32	E	62081E42a	STWO	6283,11613	3806,436777		E42a	62081E42a	STWO	39	41	2	3	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
32	3307,031956	2221,942496		65	T	62111T93d	EGWO	3307,031956	2071,168514		T93d	62111T93d	EGWO	24	37	13	8	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	13.9	9.35
	3720,493827	2535,677046		3	T	62111T93d	STWO	3720,493827	3058,94344		T93d	62111T93d	STWO	6	8	2			61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	
24	3332,40874	2523,102604		60	T	62138T93d	EGWO	3332,40874	2280,185187		T93d	62138T93d	EGWO	19	32	13	5	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	13.9	5.45
10	3825,199379	3684,053862		70	T	62138T93d	STWO	3825,199379	3379,610148		T93d	62138T93d	STWO	10	13	3	0	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
22	3463,796588	2729,301199		10	T	62146T93d	EGWO	3463,796588	2287,070451		T93d	62146T93d	EGWO	20	34	14	2	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	13.9	1.55
29	3270,492894	2338,857381		18	T	62154T93d	EGWO	3270,492894	2136,043037		T93d	62154T93d	EGWO	21	35	14	8	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	13.9	9.35
29	3329,311894	2375,640349		8	T	62162T93d	EGWO	3329,311894	2180,636541		T93d	62162T93d	EGWO	22	34	12	7	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
27	3415,929204	2773		1	T	62170T93d	EGWO	3415,929204	2560,322293		T93d	62170T93d	EGWO	22	34	12	5	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
32	3321,547596	2249,298296		9	T	62189T93d	EGWO	3321,547596	2067,470509		T93d	62189T93d	EGWO	25	38	13	7	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	13.9	5.45
	3639,175258	2412,735072		1	T	62189T93d	STWO	3639,175258	3074,730618		T93d	62189T93d	STWO	6	8	2			61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	
22	3179,312621	2517,086364		11	T	62219T93d	EGWO	3179,312621	2257,087414		T93d	62219T93d	EGWO	17	29	12	5	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
8	3614,460988	3341,863873		27	T	62219T93d	STWO	3614,460988	3143,079794		T93d	62219T93d	STWO	9	13	4	-1	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
24	3209,43036	2447,12		14	T	62227T93d	EGWO	3209,43036	2196,55377		T93d	62227T93d	EGWO	18	32	14	6	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	13.9	5.45
24	3027,397206	2290,733333		15	T	62235T93d	EGWO	3027,397206	2045,648669		T93d	62235T93d	EGWO	17	32	15	7	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	13.9	5.45
49	10909,09091	4642,74		1	A	62278A09e	EGWO	10909,09091	4095,219462		A09e	62278A09e	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	7596,378328	2663,198621		30	A	62278A09f	EGWO	7596,378328	2916,797048		A09f	62278A09f	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
33	6260,060768	4201,559339		237	A	62278A09f	STWO	6256,884742	3775,354226		A09f	62278A09f	STWO	40	40	0	-7	33.6	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	-6.25
33	4183,024657	2802,363622		194	T	62294T94l	EGWO	4183,024657	2431,435077		T94l	62294T94l	EGWO	32	42	10	1	33.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	9.5	1.55
27	3415,862717	2495,926212		51	T	62308T94h	EGWO	3415,862717	2263,13068		T94h	62308T94h	EGWO	25	34	9	2	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
20	3496,276259	2909,034741		5	T	62316T94h	EGWO	3496,276259	2463,598366		T94h	62316T94h	EGWO	18	29	11	2	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	1.55
26	3546,761358	2621,224726		10	T	62324T94h	EGWO	3546,761358	2344,934679		T94h	62324T94h	EGWO	23	34	11	3	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	1.55
26	3698,045532	2730,44171		15	T	62332T94h	EGWO	3698,045532	2418,056236		T94h	62332T94h	EGWO	24	34	10	2	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
27	3751,302083	2753,478351		16	T	62340T94h	EGWO	3751,302083	2447,225245		T94h	62340T94h	EGWO	24	35	11	3	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	1.55
10	3482,894813	3135,253584		84	T	62340T94h	STWO	3482,894813	2944,084544		T94h	62340T94h	STWO	6	15	9	4	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
27	3623,583079	2640,845247		45	T	62359T94h	EGWO	3623,583079	2366,902619		T94h	62359T94h	EGWO	24	35	11	3	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	1.55
20	3569,70101	2907,357259		43	T	62367T94h	EGWO	3569,70101	2470,035411		T94h	62367T94h	EGWO	19	31	12	1	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	1.55
27	3593,510093	2628,828028		18	T	62375T94h	EGWO	3593,510093	2361,130062		T94h	62375T94h	EGWO	22	34	12	5	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
27	3576,780088	2609,188924		31	T	62383T94h	EGWO	3576,780088	2346,034443		T94h	62383T94h	EGWO	23	34	11	4	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
47	4344,641942	2265,350731		55	M	62421M35b	EGWO	4344,641942	2185,409066		M35b	62421M35b	EGWO	46	48	2	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
41	5175,461714	3066,832139		56	M	62421M35b	STWO	5175,461714	3577,888547		M35b	62421M35b	STWO	31	31	0	10	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
47	4310,127918	2251,196743		54	M	62448M35b	EGWO	4310,127918	2176,869159		M35b	62448M35b	EGWO	45	48	3	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
44	5321,762551	2857,949837		6	M	62448M35b	STWO	5321,762551	3571,091101		M35b	62448M35b	STWO	31	33	2	13	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	13.25
42	4669,508235	2553,732016		14	M	62456M35b	EGWO	4669,508235	2503,393352		M35b	62456M35b	EGWO	44	48	4	-2	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
42	5471,484759	4063,440345		2	M	62464M35b	EGWO	5471,484759	3168,094835		M35b	62464M35b	EGWO	44	48	4	-2	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
39	5721,122449	3170,384038		4	M	62464M35b	STWO	5721,122449	3791,796429		M35b	62464M35b	STWO	31	31	0	8	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
42	4346,330946	2739,39		4	M	62472M35b	EGWO	4346,330946	2265,287276		M35b	62472M35b	EGWO	44	48	4	-2	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
39	4540,322581	3154,157907		1	M	62472M35b	STWO	4540,322581	3242,309646		M35b	62472M35b	STWO	31	31	0	8	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
37	5382,41242	4006,203865		21	M	62480M35b	EGWO	5382,41242	3139,522874		M35b	62480M35b	EGWO	39	43	4	-2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
30	4445,662677	3431,450379		120	N	62499N61b	STWO	4445,662677	3354,891484		N61b	62499N61b	STWO	23	25	2	7	29.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	5.45
45	5229,66404	2859,815249		50	N	62502N65d	EGWO	5229,66404	2620,825372		N65d	62502N65d	EGWO	43	49	6	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
43	5442,944281	3098,8188		15	N	62510N65d	EGWO	5442,944281	2834,077645		N65d	62510N65d	EGWO	42	48	6	1	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
40	5145,591508	3172,099798		14	N	62529N65d	EGWO	5145,591508	2754,270801		N65d	62529N65d	EGWO	40	47	7	0	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
40	4984,054534	3042,135743		27	N	62537N65d	EGWO	4984,054534	2782,615535		N65d	62537N65d	EGWO	38	45	7	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55

40	4901,602295	3046,116412	[redacted]	28	N	62545N65d	EGWO	4901,602295	2682,972976	[redacted]	N65d	62545N65d	EGWO	38	45	7	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
40	5022,244172	3054,912359		28	N	62553N65d	EGWO	5022,244172	2746,372061		N65d	62553N65d	EGWO	38	45	7	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
40	4901,272183	3011,466231		29	N	62561N65d	EGWO	4901,272183	2716,071769		N65d	62561N65d	EGWO	38	45	7	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
40	4942,280226	3051,372575		34	N	62588N65d	EGWO	4942,280226	2723,079939		N65d	62588N65d	EGWO	39	45	6	1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
40	4848,796618	3062,460869		17	N	62596N65d	EGWO	4848,796618	2655,430033		N65d	62596N65d	EGWO	38	45	7	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
29	5317,755323	3745,955239		564	M	62650M56h	STWO	5317,755323	3644,277194		M56h	62650M56h	STWO	32	31	-1	-3	29.2	61,162.852	3,773.36	553.2	61,162.852	4,711.837	-1.5	-2.35
35	3950,591304	2571,864913		25	F	62677F81d	EGWO	3950,591304	2292,248654		F81d	62677F81d	EGWO	33	42	9	2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
12	4307,292788	3716,629439		48	F	62677F81d	STWO	4307,292788	3453,281259		F81d	62677F81d	STWO	15	16	1	-3	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
47	4576,79355	2266,366151		26	M	62685M35b	EGWO	4576,79355	2247,448312		M35b	62685M35b	EGWO	48	48	0	-1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
44	5031,471112	2548,843425		31	M	62685M35b	STWO	5031,471112	3406,818886		M35b	62685M35b	STWO	33	33	0	11	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
39	4944,146501	2339,857956		2	M	62707M35b	STWO	4944,146501	3313,515209		M35b	62707M35b	STWO	31	31	0	8	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
37	5137,743863	3787,21373		12	M	62723M35b	EGWO	5137,743863	2880,119386		M35b	62723M35b	EGWO	40	44	4	-3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
47	4492,042239	2267,040462		42	M	62758M35b	EGWO	4492,042239	2252,78986		M35b	62758M35b	EGWO	46	48	2	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
39	5034,17095	2465,862167		2	M	62758M35b	STWO	5034,17095	3371,386586		M35b	62758M35b	STWO	31	31	0	8	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
44	15540,66284	2597,544601		40	M	62766M35b	EGWO	15540,66284	4903,984714		M35b	62766M35b	EGWO	45	49	4	-1	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
39	5147,250167	2538,390622		4	M	62766M35b	STWO	5147,250167	3392,2805		M35b	62766M35b	STWO	31	31	0	8	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
42	5145,608759	2791,589272		25	M	62774M35b	EGWO	5145,608759	2647,928101		M35b	62774M35b	EGWO	46	48	2	-4	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
39	5846,49355	3094,474339		4	M	62774M35b	STWO	5846,49355	3697,088888		M35b	62774M35b	STWO	31	31	0	8	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
38	5302,56885	3270,130386		5	M	62782M35b	EGWO	5302,56885	3038,021164		M35b	62782M35b	EGWO	40	43	3	-2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
34	5525,274368	4128,365783		5	M	62782M35b	STWO	5525,274368	4100,919846		M35b	62782M35b	STWO	31	31	0	3	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
42	4255,599257	2519,810145		11	M	62790M35b	EGWO	4255,599257	2342,117475		M35b	62790M35b	EGWO	42	48	6	0	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
42	4792,932718	3334,838548		3	M	62812M35b	EGWO	4792,932718	2766,879538		M35b	62812M35b	EGWO	44	48	4	-2	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
39	4541,666667	2261,96		1	M	62820M35b	STWO	4541,666667			M35b	62820M35b	STWO	31	31	0	8	38	61,162.852	3,773.36	51.2	61,162.852		0.7	9.35
42	5074,418605	3366,494134		2	M	62839M35b	EGWO	5074,418605	2765,212004		M35b	62839M35b	EGWO	44	48	4	-2	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
44	5520,175004	2641,921983		19	M	62839M35b	STWO	5520,175004	3490,904735		M35b	62839M35b	STWO	36	36	0	8	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
37	5368,140359	3642,26594		29	M	62847M35b	EGWO	5368,140359	3133,671662		M35b	62847M35b	EGWO	39	43	4	-2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
47	5227,372908	2753,147833		21	M	62855M35b	EGWO	5227,372908	2614,246703		M35b	62855M35b	EGWO	47	48	1	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
37	5311,338104	3751,244986		27	M	62863M35b	EGWO	5311,338104	2870,480821		M35b	62863M35b	EGWO	42	46	4	-5	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-6.25
44	5433,616988	3035,053357		14	M	62871M35b	EGWO	5433,616988	2976,401794		M35b	62871M35b	EGWO	44	48	4	0	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
34	4021,683769	3113,859855		28	M	62928M35b	STWO	4021,683769	3206,74937		M35b	62928M35b	STWO	26	26	0	8	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
37	7205,827999	4489,234321		31	A	63045A05a	STWO	7205,827999	4228,030979		A05a	63045A05a	STWO	41	41	0	-4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
42	6110,897984	3858,2236		3	A	63053A05a	STWO	6110,897984	3702,05968		A05a	63053A05a	STWO	44	44	0	-2	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
45	7188,56719	3917,688849		9	A	63061A05a	STWO	7188,56719	4196,376501		A05a	63061A05a	STWO	44	44	0	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
46	7407,902046	3966,277987		40	K	63096K23d	STWO	7407,902046	4185,490768		K23d	63096K23d	STWO	44	44	0	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
46	7329,385998	3943,054855		49	K	63118K23d	STWO	7329,385998	4102,853603		K23d	63118K23d	STWO	43	44	1	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
46	7496,999833	4056,131719		13	K	63134K23d	STWO	7496,999833	4144,94943		K23d	63134K23d	STWO	45	45	0	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
44	7721,947345	4354,093794		87	K	63142K23d	STWO	7721,947345	4255,031435		K23d	63142K23d	STWO	45	44	-1	-1	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
12	3655,507236	3623,884221		1005	T	63150T92d	STWO	3655,507236	3683,773339		T92d	63150T92d	STWO	5	10	5	7	11.6	61,162.852	3,773.36	954.8	61,162.852	4,711.837	5.1	5.45
38	5090,666667	2571,835357		3	N	63169N71c	EGWO	5090,666667	2719,442608		N71c	63169N71c	EGWO		46			38	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
36	5709,593555	3622,202526		109	N	63169N71c	STWO	5709,593555	3863,732901		N71c	63169N71c	STWO	32	32	0	4	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
34	4605,042017	3077,13		2	N	63169N71g	STWO	4605,042017	3270,815277		N71g	63169N71g	STWO	28	29	1	6	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
35	4005,936455	2332,75875		16	F	63177F78d	EGWO	4005,936455	2271,743831		F78d	63177F78d	EGWO	33	41	8	2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
35	4317,307692	2398,700232		8	F	63185F78d	EGWO	4317,307692	2337,841638		F78d	63185F78d	EGWO	33	41	8	2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
20	3940,327201	3148,418702		57	F	63185F78d	STWO	3940,327201			F78d	63185F78d	STWO	14	19	5	6	20.4	61,162.852	3,773.36	51.2	61,162.852		5.1	5.45
49	5672,027339	2842,790509		13	M	63347M33b	EGWO	5672,027339	2837,287575		M33b	63347M33b	EGWO	47	49	2	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
40	5308,658358	2971,48985		6	M	63347M33b	STWO	5308,658358	3588,854629		M33b	63347M33b	STWO	34	32	-2	6	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	6536,964393	3230,01323		32	M	63347M33e	EGWO	6536,964393	2989,075787		M33e	63347M33e	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
36	5547,741935	2719,704782		6	M	63347M33e	STWO	5547,741935	3550,283028		M33e	63347M33e	STWO	36	36	0	0	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
	3895,009785	2414,395238		4	T	63371T93d	STWO	3895,009785	3118,589153		T93d	63371T93d	STWO	6	8	2			61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	
42	6661,150515	3772,930029		33	A	63401A04a	STWO	6661,150515	3788,401567		A04a	63401A04a	STWO	41	42	1	1	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
45	6943,079159	3797,453922		83	A	63428A04a	STWO	6943,079159	4003,858466		A04a	63428A04a	STWO	42	43	1	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	5133,046307	2413,709746		5	M	63479M51b	EGWO	5133,046307	2453,470058		M51b	63479M51b	EGWO	47	49	2	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
28	4679,127932	3357,842025		49	M	63479M51b	STWO	4679,127932	3455,213415		M51b	63479M51b	STWO	25	26	1	3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	5384,40668	2559,546249		43	M	63487M51b	EGWO	5384,40668	2412,287161		M51b	63487M51b	EGWO	47	49	2	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
29	4458,333333	2882,66		1	M	63487M51b	STWO	4458,333333	3185,302118		M51b	63487M51b	STWO	27	28	1	2	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
46	5332,384473	2869,799232		95	M	63495M51b	EGWO	5332,384473	2476,653121		M51b	63495M51b	EGWO	47	49	2	-1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
33	5061,86648	3373,407718		25	M	63495M51b	STWO	5061,86648	3413,54688		M51b	63495M51b	STWO	32	33	1	1	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
47	6143,055556	3259,175353		8	M	63509M51c	EGWO	6143,055556	3022,004551		M51c	63509M51c	EGWO	45	49	4	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
29	5372,930867	4078,836212		3	M	63509M51c	STWO	5372,930867	3772,522614		M51c	63509M51c	STWO	27	28	1	2	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
29	10182,61425	3481,610985		393	M	63517M51c	STWO	10182,61425	3795,686075		M51c	63517M51c	STWO	27	28	1	2	29.2	61,162.852	3,773.36	352.4	61,162.852	4,711.837	0.7	1.55
34	4672,315055	3077,696016		19	M	63525M51c	STWO	4672,315055	3269,875001		M51c	63525M51c	STWO	29	30	1	5	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	4924,369748	2335,08		18	M	63533M51b	EGWO	4924,369748	2412,981841		M51b	63533M51b	EGWO	45	49	4	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
34	4890,607907	3196,735756		12	M	63533M51b	STWO	4890,607907	3381,884693		M51b	63533M51b	STWO	30	31	1	4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
29	4906,880791	3497,836439		62	M	63568M51c	STWO	4906,880791	3444,581077		M51c	63568M51c	STWO	30	30	0	-1	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
48	4589,470488	2375,355095		61	M	63584M51b	EGWO	4589,470488	2373,256805		M51b	63584M51b	EGWO	44	48	4	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
26	4949,512869	3644,298333		87	M	63584M51b	STWO	4949,512869	3518,442923		M51b	63584M51b	STWO	27	29	2	-1	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
48	4852,777778	2329,2675		6	M	63584M51c	EGWO	4852,777778	2398,829263		M51c	63584M51c	EGWO	47	49	2	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
24	4702,094687	3553,203447		35	M	63584M51c	STWO	4702,094687	3453,267807		M51c	63584M51c	STWO	25	27	2	-1	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
48	5127,45098	2529,518436		1	M	63592M51c	EGWO	5127,45098	2559,74265		M51c	63592M51c	EGWO	46	49	3	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
28	4613,209439	3335,476718		129	M	63592M51c	STWO	4613,209439	3358,556345		M51c	63592M51c	STWO	26	27	1	2	29.2	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
49	5160,405836	2556,314244		208	M	63614M51b	EGWO	5160,405836	2469,803406		M51b	63614M51b	EGWO	47	49	2	2	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	2.9	1.55
30	4720,734151	3317,414196		50	M	63614M51b	STWO	4720,734151	3499,670827		M51b	63614M51b	STWO	27	29	2	3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
49	4797,104609	2461,158807		14	M	63622M51b	EGWO	4797,104609	2460,657447		M51b	63622M51b	EGWO	46	49	3	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
49	4805,81853	2251,735		2	M	63630M51b	EGWO	4805,81853	2327,477951		M51b	63630M51b	EGWO	47	49	2	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
34	5043,821173	2693,903916		20	M	63630M51b	STWO	5043,821173	3479,61256		M51b	63630M51b	STWO	31	31	0	3	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	4905,928267	2393,062751		76	M	63657M51b	EGWO	4905,928267	2418,034875		M51b	63657M51b	EGWO	47	49	2	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
27	4648,345641	3372,994952		186	M	63657M51b	STWO	4648,345641	3368,461542		M51b	63657M51b	STWO	28	28	0	-1	24.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	-2.35
49	5483,212973	2611,757454		16	M	63665M51b	EGWO	5483,212973	2585,959417		M51b	63665M51b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	5258,49968	2563,003915		16	M	63673M51b	EGWO	5258,49968	2558,571519		M51b	63673M51b	EGWO	48	49	1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
27	4752,570112	3467,561172		11	M	63673M51b	STWO	4752,570112	3426,745883		M51b	63673M51b	STWO	27	28	1	0	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	4917,821108	2431,734576		32	M	63681M51b	EGWO	4917,821108	2464,177362		M51b	63681M51b	EGWO	47	49	2	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
27	4758,611187	3465,852568		79	M	63681M51b	STWO	4758,611187	3508,292206		M51b	63681M51b	STWO	25	27	2	2	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
48	4784,241804	2487,360744		19	M	63703M51b	EGWO	4784,241804	2435,036481		M51b	63703M51b	EGWO	45	49	4	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55

49	5754,822807	2843,093249	[redacted]	15	M	63711M51b	EGWO	5754,822807	2681,929153	[redacted]	M51b	63711M51b	EGWO	47	49	2	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
45	5275,44157	2921,673122		9	M	63738M51b	EGWO	5275,44157	2706,158028		M51b	63738M51b	EGWO	47	49	2	-2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
49	4810,818898	2373,651981		49	M	63746M51b	EGWO	4810,818898	2428,383009		M51b	63746M51b	EGWO	46	49	3	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
43	5281,459546	3052,494194		18	M	63754M35a	EGWO	5281,459546	2851,454809		M35a	63754M35a	EGWO	46	47	1	-3	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	5282,982999	2678,878522		13	M	63789M35a	EGWO	5282,982999	2485,068917		M35a	63789M35a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
48	4852,430556	2688,633083		2	M	63800M35a	EGWO	4852,430556	2562,217342		M35a	63800M35a	EGWO	48	49	1	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	4944,858116	2373,878589		10	M	63819M35a	EGWO	4944,858116	2386,686659		M35a	63819M35a	EGWO	48	49	1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
23	4816,610676	3690,011583		22	M	63819M35a	STWO	4816,610676	3508,347049		M35a	63819M35a	STWO	26	27	1	-3	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
48	5828,025478	3045,227411		1	M	63827M35a	EGWO	5828,025478	2883,703177		M35a	63827M35a	EGWO	47	49	2	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
33	5115,591944	3423,61541		22	M	63827M35a	STWO	5115,591944	3565,802445		M35a	63827M35a	STWO	28	29	1	5	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
48	4645,730169	2267,086947		2	M	63835M35a	EGWO	4645,730169	2346,22514		M35a	63835M35a	EGWO	48	49	1	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
28	5394,906378	3879,788247		41	M	63835M35a	STWO	5394,906378	3458,296692		M35a	63835M35a	STWO	28	30	2	0	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
48	4608,294151	2536,538739		3	M	63843M35a	EGWO	4608,294151	2396,275005		M35a	63843M35a	EGWO	48	49	1	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	5511,023985	2713,950929		48	M	63851M35a	EGWO	5511,023985	2518,375524		M35a	63851M35a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
	6149,092481			801	K	63878K23e	STWO	6149,092481	3721,176081		K23e	63878K23e	STWO						61,162.852		754	61,162.852	4,711.837		
39	5894,810027	3598,919232		80	K	63886K23e	STWO	5894,810027	3691,51599		K23e	63886K23e	STWO	38	37	-1	1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
27	3754,708112	2754,810053		50	T	63932T94a	EGWO	3754,708112	2313,114024		T94a	63932T94a	EGWO	27	38	11	0	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	1.55
32	3420,634921	2656,76727		2	T	63940T94a	EGWO	3420,634921	2473,129933		T94a	63940T94a	EGWO	27	39	12	5	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
33	3352,309345	2253,276036		7	T	63959T94a	EGWO	3352,309345	2084,069665		T94a	63959T94a	EGWO	25	38	13	8	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	13.9	9.35
32	3395,007667	2296,667672		19	T	63967T94a	EGWO	3395,007667	2105,4608		T94a	63967T94a	EGWO	26	38	12	6	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
31	3394,219752	2343,062145		24	T	63975T94a	EGWO	3394,219752	2151,585825		T94a	63975T94a	EGWO	24	37	13	7	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	13.9	5.45
31	3681,067597	2521,306568		21	T	63983T94a	EGWO	3681,067597	2227,125285		T94a	63983T94a	EGWO	28	39	11	3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	1.55
33	3388,157895	2282,380079		16	T	63991T94a	EGWO	3388,157895	2109,065959		T94a	63991T94a	EGWO	25	38	13	8	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	13.9	9.35
32	3715,365271	2772,15662		4	T	64009T94a	EGWO	3715,365271	2482,323266		T94a	64009T94a	EGWO	27	39	12	5	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
34	3388,586377	2249,787595		16	T	64017T94a	EGWO	3388,586377	2081,061221		T94a	64017T94a	EGWO	27	39	12	7	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
31	3720,640142	2549,261573		9	T	64025T94a	EGWO	3720,640142	2241,00115		T94a	64025T94a	EGWO	28	40	12	3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	1.55
33	3728,990142	2499,752971		63	T	64033T94a	EGWO	3728,990142	2197,498724		T94a	64033T94a	EGWO	30	41	11	3	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	1.55
32	3465,927516	2349,458658		47	T	64041T94a	EGWO	3465,927516	2144,286959		T94a	64041T94a	EGWO	25	38	13	7	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	13.9	5.45
33	3396,027707	2269,11324		8	T	64076T94a	EGWO	3396,027707	2090,101329		T94a	64076T94a	EGWO	26	38	12	7	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
43	4141,585841	2370,527151		27	F	64106F82d	EGWO	4141,585841	2308,916889		F82d	64106F82d	EGWO	34	44	10	9	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
18	4008,196721	2578,725137		1	F	64106F82d	STWO	4008,196721	3116,390173		F82d	64106F82d	STWO	17	19	2	1	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
44	4100,604862	2284,530427		54	F	64114F82d	EGWO	4100,604862	2239,706874		F82d	64114F82d	EGWO	35	45	10	9	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
23	3882,026637	2939,377581		278	F	64114F82d	STWO	3882,026637	2986,437506		F82d	64114F82d	STWO	20	23	3	3	24.8	61,162.852	3,773.36	252	61,162.852	4,711.837	2.9	1.55
46	4355,43564	2374,857202		19	N	64122N68d	EGWO	4355,43564	2370,126958		N68d	64122N68d	EGWO	39	46	7	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
44	4654,296621	2615,017579		8	N	64130N68d	EGWO	4654,296621	2542,40632		N68d	64130N68d	EGWO	36	45	9	8	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
45	4686,612048	2558,681579		12	N	64149N68d	EGWO	4686,612048	2453,356303		N68d	64149N68d	EGWO	41	47	6	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
39	6506,766889	3950,193521		173	E	64203E39b	STWO	6506,766889	4075,30605		E39b	64203E39b	STWO	26	35	9	13	38	61,162.852	3,773.36	151.6	61,162.852	4,711.837	9.5	13.25
37	4881,55998	3086,683676		40	E	64211E39b	STWO	4881,55998	3461,970786		E39b	64211E39b	STWO	26	30	4	11	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
49	4737,249234	2345,403687		20	E	64238E39b	EGWO	4715,508878	2378,526279		E39b	64238E39b	EGWO	42	49	7	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
49	4759,585765	2411,753078		14	E	64246E39b	EGWO	4688,267702	2387,681744		E39b	64246E39b	EGWO	42	49	7	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
49	5043,39047	2344,403739		37	E	64254E39b	EGWO	5021,966202	2427,194183		E39b	64254E39b	EGWO	44	49	5	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
49	5760,901704	2531,659598		4	E	64262E39b	EGWO	5760,901704	2532,489674		E39b	64262E39b	EGWO	45	49	4	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
49	5278,573221	2439,185795		44	E	64270E39b	EGWO	5271,477727	2520,344141		E39b	64270E39b	EGWO	47	49	2	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
32	4866,936325	3375,826939		160	E	64270E39b	STWO	4866,936325	3575,123494		E39b	64270E39b	STWO	26	30	4	6	33.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	5.45
25	3582,341013	2681,834065		38	T	64319T94i	EGWO	3582,341013	2398,797682		T94i	64319T94i	EGWO	25	33	8	0	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
29	3336,834724	2357,599605		20	T	64327T94i	EGWO	3336,834724	2122,849764		T94i	64327T94i	EGWO	24	36	12	5	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
12	3927,656807	3436,705634		33	T	64327T94i	STWO	3927,656807	3180,601204		T94i	64327T94i	STWO	14	19	5	-2	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-2.35
23	3517,173749	2732,39411		5	T	64335T94i	EGWO	3517,173749	2507,668339		T94i	64335T94i	EGWO	25	30	5	-2	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	-2.35
11	3756,101518	3346,16552		105	T	64335T94i	STWO	3756,101518	3047,062973		T94i	64335T94i	STWO	7	17	10	4	11.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	9.5	5.45
33	3454,644302	2326,911683		9	T	64343T94i	EGWO	3454,644302	2101,906963		T94i	64343T94i	EGWO	30	39	9	3	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
29	3562,069922	2531,525936		6	T	64351T94i	EGWO	3562,069922	2254,894546		T94i	64351T94i	EGWO	23	36	13	6	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	13.9	5.45
32	3411,831562	2313,411299		14	T	64378T94i	EGWO	3411,831562	2099,331455		T94i	64378T94i	EGWO	30	38	8	2	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
43	4023,40207	2270,394445		15	F	64386F81b	EGWO	4023,40207	2187,727289		F81b	64386F81b	EGWO	36	45	9	7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
21	3768,863379	2246,869133		14	F	64386F81b	STWO	3768,863379	3092,910734		F81b	64386F81b	STWO	18	18	0	3	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
39	3707,235286	2257,851667		6	F	64394F81b	EGWO	3707,235286	2055,523093		F81b	64394F81b	EGWO	36	44	8	3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
21	4040,61867	2347,625617		24	F	64394F81b	STWO	4040,61867	3168,167057		F81b	64394F81b	STWO	18	20	2	3	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
46	4501,840813	2424,664187		8	F	64408F86a	EGWO	4501,840813	2430,090336		F86a	64408F86a	EGWO	37	46	9	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
41	4886,901233	2896,238616		23	F	64416F78c	EGWO	4886,901233	2598,387529		F78c	64416F78c	EGWO	36	47	11	5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
15	4069,019937	3464,734449		48	F	64416F78c	STWO	4069,019937	3333,394161		F78c	64416F78c	STWO	13	18	5	2	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
46	6839,210826	3692,647656		146	F	64459F87b	STWO	6839,210826	3857,042118		F87b	64459F87b	STWO	44	44	0	2	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
39	6053,099875	3798,831492		51	F	64467F87b	STWO	6053,099875	3736,282425		F87b	64467F87b	STWO	37	38	1	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
45	6476,121098	3594,71437		149	F	64475F87b	STWO	6476,121098	3770,640241		F87b	64475F87b	STWO	43	41	-2	2	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	1.55
49	5202,678571	2473,300155		10	M	64483M51b	EGWO	5202,678571	2507,026785		M51b	64483M51b	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	4990,404415	2297,813611		9	M	64491M35f	EGWO	4990,404415	2358,59135		M35f	64491M35f	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
26	4787,15526	2508,300693		2	M	64491M35f	STWO	4787,15526	3365,830675		M35f	64491M35f	STWO	25	25	0	1	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	5307,367395	2629,667358		11	M	64505M51b	EGWO	5307,367395	2587,283646		M51b	64505M51b	EGWO	46	49	3	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
29	4673,262901	2348,530933		2	M	64505M51b	STWO	4673,262901	3276,551885		M51b	64505M51b	STWO	27	28	1	2	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	5134,023146	2522,935581		70	M	64513M51b	EGWO	5134,023146	2489,802228		M51b	64513M51b	EGWO	48	49	1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
28	4622,338912	3340,648438		82	M	64513M51b	STWO	4622,338912	3366,89913		M51b	64513M51b	STWO	25	27	2	3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
	4886,886938	3632,414113		622	N	64521N71f	STWO	4886,886938	4000,676075		N71f	64521N71f	STWO	19	18	-1			61,162.852	3,773.36	653.6	61,162.852	4,711.837	-1.5	
29	4681,724696	3217,283767		46	F	64564F86a	STWO	4681,724696	3493,578916		F86a	64564F86a	STWO	24	26	2	5	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
47	4378,135025	2330,856667		15	F	64572F86a	EGWO	4378,135025	2338,278777		F86a	64572F86a	EGWO	40	47	7	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
24	4153,846154	2217,36		1	F	64572F86a	STWO	4153,846154	3141,972698		F86a	64572F86a	STWO	19	21	2	5	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
38	4034,034019	2374,339603		14	F	64580F81d	EGWO	4034,034019	2256,604147		F81d	64580F81d	EGWO	36	44	8	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
38	3847,294951	2335,746457		13	F	64599F81d	EGWO	3847,294951	2182,739089		F81d	64599F81d	EGWO	34	43	9	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
21	4667,665518	3695,003392		35	N	64661N69j	STWO	4667,665518	3425,966562		N69j	64661N69j	STWO	27	26	-1	-6	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-6.25
49	4978,825178	2321,817642		37	N	64696N65d	EGWO	4978,825178	2441,298935		N65d	64696N65d	EGWO	44	49	5	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
49	5145,288826	2532,230052		10	N	64718N65d	EGWO	5145,288826	2560,932718		N65d	64718N65d	EGWO	43	49	6	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
47	5258,085889	2803,788231		6	N	64726N65d	EGWO	5258,085889	2720,100671		N65d	64726N65d	EGWO	41	48	7	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
49	5155,124064	2567,487136		22	N	64734N65d	EGWO	5155,124064	2504,704657		N65d	64734N65d	EGWO	45	49	4	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
38	4922,619048	3071,345259		7	F	64742F78c	EGWO	4922,619048	2734,462809		F78c	64742F78c	EGWO	31	44	13	7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	13.9	5.45
16	3870,647324	3229,356606		94	F	64742F78c	STWO	3870,647324	3295,99677		F78c	64742F78c	STWO	16	16	0	0	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
36	4386,608113	2758,607252		7	F	64769F83a	EGWO	4386,608113	2452,240705		F83a	64769F83a	EGWO	34	42	8	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55

44	7158,775041	3980,224123	[redacted]	50	K	64777K52h	STWO	7158,775041	4263,984651	[redacted]	K52h	64777K52h	STWO	40	40	0	4	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
38	4136,070481	2293,401252		11	F	64793F78b	EGWO	4136,070481	2236,123595		F78b	64793F78b	EGWO	34	43	9	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
31	4960,526316	2597,96052		1	F	64793F78b	STWO	4960,526316	3345,267239		F78b	64793F78b	STWO	20	24	4	11	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
45	4356,48513	2397,679375		32	N	64831N70a	EGWO	4356,48513	2382,05854		N70a	64831N70a	EGWO	39	45	6	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
44	4427,350427	2463,98		12	N	64858N70a	EGWO	4427,350427	2459,830247		N70a	64858N70a	EGWO	37	44	7	7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
32	3429,759694	2324,113743		11	T	64874T94a	EGWO	3429,759694	2133,930168		T94a	64874T94a	EGWO	25	38	13	7	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	13.9	5.45
7	3379,262018	3145,732374		101	T	64912T94f	STWO	3379,262018	3219,031265		T94f	64912T94f	STWO	5	6	1	2	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	4982,146223	2494,725805		34	N	64939N74c	EGWO	4982,146223	2545,445252		N74c	64939N74c	EGWO	40	49	9	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
47	4971,119779	2655,350816		24	N	64947N74c	EGWO	4971,119779	2512,593062		N74c	64947N74c	EGWO	39	49	10	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
49	4606,556917	2300,434657		19	N	64955N74c	EGWO	4606,556917	2307,915541		N74c	64955N74c	EGWO	40	49	9	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
26	4977,43323	3642,364024		61	N	64955N74c	STWO	4977,43323	3636,296213		N74c	64955N74c	STWO	23	27	4	3	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
46	4593,946072	2499,810978		10	N	64963N74c	EGWO	4593,946072	2480,422768		N74c	64963N74c	EGWO	36	46	10	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
30	4236,449218	2960,746272		24	N	64963N74c	STWO	4236,449218	3118,053349		N74c	64963N74c	STWO	26	26	0	4	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	5190,048885	2615,167084		47	N	64998N74c	EGWO	5190,048885	2576,537928		N74c	64998N74c	EGWO	42	49	7	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
	6033,333333	4637,057754		1	N	64998N74c	STWO	6033,333333	4178,092175		N74c	64998N74c	STWO	21					61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	5252,985176	2694,754086		29	N	65005N74c	EGWO	5252,985176	2613,140184		N74c	65005N74c	EGWO	41	49	8	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	9.35
49	4393,22367	2199,220381		60	N	65013N74c	EGWO	4393,22367	2261,72979		N74c	65013N74c	EGWO	40	49	9	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
48	4233,565763	2210,399811		53	N	65021N74c	EGWO	4233,565763	2190,131638		N74c	65021N74c	EGWO	41	48	7	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
49	5220,477349	2666,50115		13	N	65048N65d	EGWO	5220,477349	2566,30337		N65d	65048N65d	EGWO	43	49	6	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
49	5183,667658	2607,459219		23	N	65056N65d	EGWO	5183,667658	2533,461895		N65d	65056N65d	EGWO	44	49	5	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
21	4692,307692	3700,727178		1	N	65056N65d	STWO	4692,307692	3516,545218		N65d	65056N65d	STWO		28			20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	5214,882951	2615,709506		21	N	65064N65d	EGWO	5214,882951	2554,553292		N65d	65064N65d	EGWO	44	49	5	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
45	5353,938124	2663,404806		3	N	65072N65d	EGWO	5353,938124	2603,460516		N65d	65072N65d	EGWO	42	49	7	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
48	5338,491808	2754,032829		9	N	65080N65d	EGWO	5338,491808	2591,96064		N65d	65080N65d	EGWO	46	49	3	2	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
45	4570,700195	2529,604619		24	F	65188F81c	EGWO	4570,700195	2368,764425		F81c	65188F81c	EGWO	37	48	11	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	9.35
15	4443,312909	3763,580403		509	F	65188F81c	STWO	4443,312909	3802,754109		F81c	65188F81c	STWO	17	15	-2	-2	16	61,162.852	3,773.36	553.2	61,162.852	4,711.837	-1.5	-2.35
49	6408,456584	2476,220829		17	M	65196M29c	EGWO	6408,456584	2676,096096		M29c	65196M29c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
40	6441,941956	3895,408137		82	M	65196M29c	STWO	6441,941956	3722,055927		M29c	65196M29c	STWO	42	40	-2	-2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
49	6650,126513	2445,938932		12	M	65218M29c	EGWO	6650,126513	2636,301145		M29c	65218M29c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
47	6679,332703	3473,686127		5	M	65226M29c	STWO	6679,332703	4020,217391		M29c	65226M29c	STWO	40	40	0	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
47	7247,965351	3599,870969		16	M	65269M29c	STWO	7247,965351	4137,968013		M29c	65269M29c	STWO	42	43	1	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	5888,910132	2389,2962		8	M	65285M29c	EGWO	5888,910132	2507,735962		M29c	65285M29c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
39	6651,93961	4024,980117		67	M	65285M29c	STWO	6651,93961	3901,501123		M29c	65285M29c	STWO	39	41	2	0	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
37	5865,385949	3665,102925		36	M	65293M29c	STWO	5865,385949	3682,799211		M29c	65293M29c	STWO	38	37	-1	-1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	-2.35
44	6323,628978	3510,292983		54	E	65307E75c	STWO	6323,628978	3859,948303		E75c	65307E75c	STWO	35	39	4	9	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
46	6436,449149	3469,812418		94	E	65323E12a	STWO	6436,449149	3785,54684		E12a	65323E12a	STWO	42	41	-1	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
49	5245,34553	2558,91513		22	N	65374N65d	EGWO	5245,34553	2535,898876		N65d	65374N65d	EGWO	44	49	5	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
49	5259,975949	2584,858133		26	N	65382N65d	EGWO	5259,975949	2557,810946		N65d	65382N65d	EGWO	44	49	5	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
47	4740,963569	2504,571933		19	F	65390F78c	EGWO	4740,963569	2325,659603		F78c	65390F78c	EGWO	38	49	11	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	9.35
36	6039,388796	3848,887975		361	N	65439N71h	STWO	6039,388796	3837,32059		N71h	65439N71h	STWO	40	36	-4	-4	38	61,162.852	3,773.36	352.4	61,162.852	4,711.837	-3.7	-2.35
34	5844,322165	3796,912891		148	N	65447N71h	STWO	5844,322165	3807,394359		N71h	65447N71h	STWO	40	34	-6	-6	33.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-5.9	-6.25
41	6155,389959	3597,067144		133	N	65528N71h	STWO	6155,389959	3834,539889		N71h	65528N71h	STWO	42	40	-2	-1	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	-2.35
43	6740,114337	3376,509858		115	N	65536N71h	STWO	6740,114337	3759,533973		N71h	65536N71h	STWO	43	41	-2	0	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	1.55
38	5510,621971	3832,346718		351	N	65544N71h	STWO	5510,621971	3888,181462		N71h	65544N71h	STWO	39	36	-3	-1	38	61,162.852	3,773.36	352.4	61,162.852	4,711.837	-3.7	-2.35
49	5102,257421	2481,706885		10	F	65609F77b	EGWO	5102,257421	2454,204985		F77b	65609F77b	EGWO	44	49	5	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
30	4750,874506	3332,774401		34	F	65609F77e	STWO	4750,874506	3386,728581		F77e	65609F77e	STWO		30			29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
48	5096,786906	2679,71242		4	F	65617F77b	EGWO	5096,786906	2603,125946		F77b	65617F77b	EGWO	43	49	6	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
48	5519,161927	2907,923799		50	F	65625F77b	EGWO	5519,161927	2721,406296		F77b	65625F77b	EGWO	43	49	6	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
47	5253,457061	2774,063919		10	F	65641F77b	EGWO	5253,457061	2646,794576		F77b	65641F77b	EGWO	41	49	8	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
33	3707,554497	2481,657981		23	T	65692T94g	EGWO	3707,554497	2231,194874		T94g	65692T94g	EGWO	30	40	10	3	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
31	3763,327913	2536,202299		33	T	65706T94g	EGWO	3763,327913	2284,20909		T94g	65706T94g	EGWO	29	38	9	2	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
12	3912,750899	3452,405074		26	T	65706T94g	STWO	3912,750899	3180,461037		T94g	65706T94g	STWO	5	19	14	7	11.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	13.9	5.45
31	3852,812579	2643,605294		29	T	65714T94g	EGWO	3852,812579	2376,338861		T94g	65714T94g	EGWO	28	38	10	3	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
8	3552,384267	3262,352149		26	T	65714T94g	STWO	3552,384267	3071,497035		T94g	65714T94g	STWO	5	14	9	3	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	1.55
24	3800,724193	2990,213761		41	T	65722T94g	EGWO	3800,724193	2652,133573		T94g	65722T94g	EGWO	20	31	11	4	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
34	3596,006653	2382,594165		24	T	65730T94g	EGWO	3596,006653	2148,570388		T94g	65730T94g	EGWO	30	40	10	4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
29	3820,188816			3	T	65749T94g	EGWO	3820,188816			T94g	65749T94g	EGWO	25	36	11	4	29.2	61,162.852		51.2	61,162.852		11.7	5.45
30	3245,414255	2227,917884		32	T	65757T94g	EGWO	3245,414255	2034,097665		T94g	65757T94g	EGWO	25	36	11	5	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
30	3329,990766	2322,720996		39	T	65765T94g	EGWO	3329,990766	2118,834742		T94g	65765T94g	EGWO	23	36	13	7	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	13.9	5.45
29	3439,082183	2413,28159		39	T	65773T94g	EGWO	3439,082183	2205,066829		T94g	65773T94g	EGWO	24	35	11	5	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
28	3207,25397	2302,639417		45	T	65781T94g	EGWO	3207,25397	2075,443634		T94g	65781T94g	EGWO	24	35	11	4	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
42	4253,816159	2486,350887		14	F	65803F82a	EGWO	4253,816159	2373,906359		F82a	65803F82a	EGWO	35	44	9	7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
14	3587,961723	3096,840477		26	T	65811T93d	STWO	3587,961723	3124,084268		T93d	65811T93d	STWO	9	13	4	5	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
49	7210,251358	2751,204621		7	E	65900E12a	EGWO	7210,251358	2798,120966		E12a	65900E12a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
48	2235,068206	3880,767958		87	E	65900E12a	STWO	2235,068206	3982,020059		E12a	65900E12a	STWO	42	43	1	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	7458,623301	3208,714572		24	E	65919E12a	EGWO	7458,623301	3189,958332		E12a	65919E12a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
47	6924,204513	3686,840047		92	E	65919E12a	STWO	6924,204513	4139,742511		E12a	65919E12a	STWO	41	40	-1	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
48	7157,319807	3695,052433		102	E	65927E12a	STWO	7157,319807	4038,022361		E12a	65927E12a	STWO	40	44	4	8	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	9.35
49	6726,437018	2510,11844		129	E	65935E12a	EGWO	6726,437018	2683,534191		E12a	65935E12a	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	1.55
49	7280,267128	3705,967989		154	E	65978E12a	STWO	7280,267128	4115,077482		E12a	65978E12a	STWO	44	44	0	5	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
49	7367,891947	3695,251766		310	E	66001E12a	STWO	7367,891947	3986,832543		E12a	66001E12a	STWO	47	46	-1	2	46.8	61,162.852	3,773.36	352.4	61,162.852	4,711.837	-1.5	1.55
41	6077,306636	4131,76673		106	E	66036E14f	STWO	6077,306636	3925,722046		E14f	66036E14f	STWO	38	36	-2	3	42.4	61,162.852	3,773.36	151.6	61,162.852	4,711.837	-1.5	1.55
42	6053,639016	3490,15604		43	M	66079M51a	EGWO	6053,639016	2925,542855		M51a	66079M51a	EGWO		49			42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
42	6205,639875	3573,176123		12	M	66095M51a	EGWO	6205,639875	2980,208549		M51a	66095M51a	EGWO		49			42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
42	6259,920758	3589,624043		9	M	66109M51a	EGWO	6259,920758	3030,529227		M51a	66109M51a	EGWO		49			42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
42	5757,313337	3384,03		3	M	66117M51a	EGWO	5757,313337	2655,091544		M51a	66117M51a	EGWO		49			42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
42	6251,782311	3555,871925		4	M	66125M51a	EGWO	6251,782311	2914,18526		M51a	66125M51a	EGWO		49			42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
41	5952,425379	3464,83		7	M	66133M51a	EGWO	5952,425379	2861,701616		M51a	66133M51a	EGWO		49			42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
42	6917,40298	3525,055		2	M	66141M51a	EGWO	6917,40298	3018,385281		M51a	66141M51a	EGWO		49			42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
36	4432,002302	2643,972462		10	F	66192F83a	EGWO	4432,002302	2336,813391		F83a	66192F83a	EGWO	34	42	8	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
49	4850,891329	2434,390393		39	F	66230F86a	EGWO	4850,891329	2442,785593		F86a	66230F86a	EGWO	42	49	7	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
28	4328,300662	3099,564		15	F	66230F86a	STWO	4328,300662	3352,216343		F86a	66230F86a	STWO	19	21	2	9	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
41	6359,522137	3706,607725		5	M	66249M51a	EGWO	6359,522137	2993,351625		M51a	66249M51a	EGWO		49			42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837		

46	4513,754837	2421,116696	[redacted]	11	N	66311N70a	EGWO	4513,754837	2374,361995	[redacted]	N70a	66311N70a	EGWO	42	47	5	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
16	4033,973816	3090,5775		64	N	66311N70a	STWO	4033,973816	3211,938954		N70a	66311N70a	STWO	10	14	4	6	16	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
47	4482,691314	2389,857328		20	N	66338N70a	EGWO	4482,691314	2337,218977		N70a	66338N70a	EGWO	42	47	5	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
	3241,291433	3407,983336		294	N	66400N74b	STWO	3241,291433	3265,025232		N74b	66400N74b	STWO	17					61,162.852	3,773.36	252	61,162.852	4,711.837		
49	4900,380243	2465,262941		51	N	66400N74c	EGWO	4900,380243	2377,02094		N74c	66400N74c	EGWO	39	49	10	10	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
37	6213,314363	3915,635394		20	F	66451F87f	STWO	6213,314363	4429,285968		F87f	66451F87f	STWO				38		61,162.852	3,773.36	51.2	61,162.852	4,711.837		
	3297,548551			184	T	66613T93f	STWO	3297,548551	3518,0412		T93f	66613T93f	STWO		5				61,162.852		151.6	61,162.852	4,711.837		
49	6613,561329			3	M	66710M58g	EGWO	6613,561329			M58g	66710M58g	EGWO		49			46.8	61,162.852		51.2	61,162.852			
49	7325,408358	3456,283381		19	M	66710M58g	STWO	7261,776799	3997,930201		M58g	66710M58g	STWO	40	41	1	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
43	6271,893815	3644,87965		6	M	66729M58g	STWO	6271,893815	3797,525185		M58g	66729M58g	STWO	40	41	1	3	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
48	8358,795957	3571,818906		409	M	66737M58g	STWO	8353,599651	4918,656948		M58g	66737M58g	STWO	42	42	0	6	46.8	61,162.852	3,773.36	452.8	61,162.852	4,711.837	0.7	5.45
48	5996,268657	3068,95		2	M	66745M58g	STWO	5996,268657			M58g	66745M58g	STWO	40	41	1	8	46.8	61,162.852	3,773.36	51.2	61,162.852		0.7	9.35
48	7648,025155	3592,087877		37	M	66753M58g	STWO	7648,025155	4421,612284		M58g	66753M58g	STWO	42	42	0	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	7191,111111	2241,350515		5	M	66761M58g	EGWO	7191,111111	2758,469675		M58g	66761M58g	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
44	7424,855508	3490,835425		545	M	66761M58g	STWO	7421,372996	4472,980779		M58g	66761M58g	STWO	40	41	1	4	42.4	61,162.852	3,773.36	553.2	61,162.852	4,711.837	0.7	5.45
45	7960,876246	4398,541961		42	M	66788M58g	STWO	7960,876246	4540,47335		M58g	66788M58g	STWO	42	43	1	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
48	6494,117647	2191,255012		1	M	66796M58g	STWO	6494,117647	3682,266977		M58g	66796M58g	STWO	40	41	1	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
48	6494,117647	2191,255012		1	M	66818M58g	STWO	6494,117647	3682,266977		M58g	66818M58g	STWO	40	41	1	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
43	5050,005168	3339,313048		35	M	69643M34f	EGWO	5031,074456	2614,973522		M34f	69643M34f	EGWO		48			42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
40	5520,439327	2701,494894		61	M	69643M34f	STWO	5504,752017	3400,479819		M34f	69643M34f	STWO	30	33	3	10	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
39	5163,177597	3142,114974		35	M	69644M34f	EGWO	5132,48087	2722,167439		M34f	69644M34f	EGWO		47			38	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
38	5487,949106	3425,525965		227	M	69644M34f	STWO	5487,949106	3718,739103		M34f	69644M34f	STWO	31	32	1	7	38	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	5.45
43	5368,358634	2932,611146		2	M	69645M34f	EGWO	5368,358634	2960,956577		M34f	69645M34f	EGWO		48			42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
35	5327,280397	3440,316623		442	M	69645M34f	STWO	5324,060776	3621,028891		M34f	69645M34f	STWO	30	32	2	5	33.6	61,162.852	3,773.36	452.8	61,162.852	4,711.837	2.9	5.45
35	5295,550014	3410,734054		239	M	69647M34f	STWO	5295,550014	3579,758835		M34f	69647M34f	STWO	30	32	2	5	33.6	61,162.852	3,773.36	252	61,162.852	4,711.837	2.9	5.45
35	6122,233009	3122,451403		146	M	69648M34f	STWO	6122,233009	4424,343977		M34f	69648M34f	STWO	30	33	3	5	33.6	61,162.852	3,773.36	151.6	61,162.852	4,711.837	2.9	5.45
43	5380,95952	2591,680345		4	M	69650M34f	EGWO	5380,95952	2655,954919		M34f	69650M34f	EGWO		48			42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
31	5965,096221	4116,84917		30	M	69650M34f	STWO	5965,096221	4190,113339		M34f	69650M34f	STWO	30	30	0	1	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
33	5365,233651	3576,727639		306	M	69655M34f	STWO	5354,465549	3637,752067		M34f	69655M34f	STWO	29	30	1	4	33.6	61,162.852	3,773.36	352.4	61,162.852	4,711.837	0.7	5.45
35	5748,486831	3762,674796		99	M	69656M34f	STWO	5748,486831	3891,348926		M34f	69656M34f	STWO	28	32	4	7	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
35	6682,089078	3517,784539		416	M	69657M34f	STWO	6682,089078	4208,256457		M34f	69657M34f	STWO	30	32	2	5	33.6	61,162.852	3,773.36	452.8	61,162.852	4,711.837	2.9	5.45
8	1100			9	T	69658T93c	STWO	1100			T93c	69658T93c	STWO		15			7.2	61,162.852		51.2	61,162.852			
8	3908,333333	3580,122159		30	T	69659T93c	STWO	3908,333333	3319,90464		T93c	69659T93c	STWO	11	15	4	-3	7.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
47	7856,204162	4004,969226		55	A	69666A05a	STWO	7856,204162	4054,680798		A05a	69666A05a	STWO	44	44	0	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
45	6240,178223	3407,735784		26	N	69669N71c	STWO	6240,178223	4033,489977		N71c	69669N71c	STWO	36	38	2	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
38	5428,490801	3428,130988		14	N	69670N71c	EGWO	5428,490801	2981,460299		N71c	69670N71c	EGWO		46			38	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
38	5811,425562	3617,177521		32	N	69670N71c	STWO	5811,425562	3812,091081		N71c	69670N71c	STWO	35	34	-1	3	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	1.55
43	4673,151022	2371,928021		5	N	69672N71c	EGWO	4673,151022	2499,192047		N71c	69672N71c	EGWO	42	46	4	1	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
43	5760,21182	3269,44487		43	N	69672N71c	STWO	5760,21182	3717,508008		N71c	69672N71c	STWO	33	35	2	10	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
47	4417,444681	2326,781771		25	F	69673F86b	EGWO	4417,444681	2347,737891		F86b	69673F86b	EGWO	38	47	9	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
34	5346,719559	3545,190041		88	F	69673F86b	STWO	5346,719559	3466,632013		F86b	69673F86b	STWO	30	31	1	4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
49	5538,458882	2877,396667		12	M	69677M51b	EGWO	5538,458882			M51b	69677M51b	EGWO	47	49	2	2	46.8	61,162.852	3,773.36	51.2	61,162.852		2.9	1.55
48	5975,221105	2812,235533		6	E	69678E18b	STWO	5975,221105	3672,119209		E18b	69678E18b	STWO	41	40	-1	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-1.5	5.45
37	5539,106108	3607,781965		18	N	69679N71c	EGWO	5539,106108	3048,258435		N71c	69679N71c	EGWO		46			38	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
45	5680,533608	2961,635837		9	N	69679N71c	STWO	5680,533608	3698,719302		N71c	69679N71c	STWO	36	37	1	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
41	6060,229768	4065,84835		455	M	69681M55b	STWO	6060,229768	4193,906673		M55b	69681M55b	STWO	28	31	3	13	42.4	61,162.852	3,773.36	452.8	61,162.852	4,711.837	2.9	13.25
33	4817,973935	3236,965375		45	E	69682E39d	STWO	4817,973935	3526,689711		E39d	69682E39d	STWO	28	28	0	5	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	5.45
44	4973,779086	2631,989217		44	N	69686N67a	EGWO	4973,779086	2547,526761		N67a	69686N67a	EGWO	42	44	2	2	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
44	4738,28104	2515,905735		34	N	69687N67a	EGWO	4738,28104	2503,238656		N67a	69687N67a	EGWO	37	44	7	7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
	8226,305902	3720,445		3	E	69690E39a	EGWO	8226,305902	3638,965892		E39a	69690E39a	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	6543,341244	2626,3405		18	M	69696M29c	EGWO	6543,341244	2775,921784		M29c	69696M29c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
36	5447,443114	3483,199733		43	N	69701N60a	STWO	5447,443114	3598,365139		N60a	69701N60a	STWO	32	34	2	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
32	7071,591242	4579,45208		6	A	69702A09e	STWO	7071,591242	4339,313785		A09e	69702A09e	STWO	38	39	1	-6	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
32	6611,582599	4348,943614		66	A	69703A09e	STWO	6611,582599	3977,233878		A09e	69703A09e	STWO	39	40	1	-7	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-6.25
47	4992,380286	2633,487878		45	N	69705N68d	EGWO	4992,380286	2527,948541		N68d	69705N68d	EGWO	44	49	5	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	1.55
44	4863,52541	2713,005065		7	N	69705N68e	EGWO	4863,52541	2641,065748		N68e	69705N68e	EGWO	39	45	6	5	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
48	5001,479715	2600,062097		18	N	69706N68d	EGWO	5001,479715	2505,275017		N68d	69706N68d	EGWO	44	49	5	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
43	7406,82276	4276,467366		30	E	69708E18b	STWO	7406,82276	4117,76553		E18b	69708E18b	STWO	44	44	0	-1	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	6154,907299	2464,210566		28	M	69709M29c	EGWO	6154,907299	2578,555017		M29c	69709M29c	EGWO	49	49	0	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
38	5065,217391	2456,356087		1	N	69710N71c	EGWO	5065,217391	2400,457435		N71c	69710N71c	EGWO		46			38	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
34	5392,151564	3692,683745		13	N	69711N71c	EGWO	5392,151564	3323,529961		N71c	69711N71c	EGWO		42			33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
45	6529,173776	3344,006484		11	N	69711N71c	STWO	6529,173776	3914,360081		N71c	69711N71c	STWO	36	38	2	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
38	4770,801921	2659,061575		2	N	69712N71c	EGWO	4770,801921	2694,693443		N71c	69712N71c	EGWO		46			38	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
40	6124,64046	2741,108535		2	N	69712N71c	STWO	6124,64046	3671,692549		N71c	69712N71c	STWO	31	33	2	9	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	9.35
43	6241,472659	3546,035936		79	K	69716K52h	STWO	6241,472659	3869,571177		K52h	69716K52h	STWO	45	38	-7	-2	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	-5.9	-2.35
45	4820,814721	2643,058829		9	N	69721N68c	EGWO	4820,814721	2567,488304		N68c	69721N68c	EGWO	44	47	3	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
33	4449,742852	2435,478615		19	F	69723F81e	EGWO	4449,742852	2318,053119		F81e	69723F81e	EGWO	33	40	7	0	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
32	5065,930164	3606,689298		12	F	69724F88b	EGWO	5065,930164	2743,490062		F88b	69724F88b	EGWO	36	46	10	-4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	-2.35
33	4957,24207	3338,169478		17	F	69725F88b	EGWO	4957,24207	2743,479431		F88b	69725F88b	EGWO	37	46	9	-4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	-2.35
38	4951,282051	3086,272813		13	F	69726F78b	EGWO	4951,282051	2641,023557		F78b	69726F78b	EGWO	34	43	9	4	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
24	4811,916403	3662,940883		16	T	69727T98b	EGWO	4658,579261	2695,976717		T98b	69727T98b	EGWO	33	42	9	-9	24.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	-10.15
49	5939,555616	2431,759203		19	N	69730N71g	EGWO	5939,555616	2668,444303		N71g	69730N71g	EGWO	44	49	5	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
36	5221,036912	3363,415564		31	N	69732N71g	STWO	5221,036912	3601,03309		N71g	69732N71g	STWO	29	31	2	7	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
49	6039,370608	2380,796372		11	N	69734N71g	EGWO	6039,370608	2640,863411		N71g	69734N71g	EGWO	43	49	6	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
38	5670,435583	3538,086667		36	N	69734N71g	STWO	5670,435583	3755,514507		N71g	69734N71g	STWO	28	34	6	10	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	9.35
47	5197,859349	2747,061117		5	F	69736F77b	EGWO	5197,859349	2575,624389		F77b	69736F77b	EGWO	43	49	6	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
35	3722,437197	2426,741462		19	T	69740T94a	EGWO	3722,437197	2156,491908		T94a	69740T94a	EGWO	31	42	11	4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
20	4480	3294,560382		3	T	69740T94a	STWO	4480	3647,663956		T94a	69740T94a	STWO	12	13	1	8	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
32	3741,885429	2538,255729		12	T	69741T94a	EGWO	3741,885429	2326,475995		T94a	69741T94a	EGWO	28	38	10	4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
33	3731,481481	2518,207827		12	T	69742T94a	EGWO	3731,481481	2315,835099		T94a	69742T94a	EGWO	28	38	10	5	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
33	3719,098707	2502,022229		35	T	69743T94a	EGWO	3719,098707	2274,325577		T94a	69743T94a	EGWO	29	39	10	4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
20	4480	4828,861945		3	T	69743T94a	STWO	4480	3864,828222		T94a	69743T94a	STWO	12	13	1	8	20.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	9.35
33	3730,769231	2485,227972		12	T	69744T94a	EGWO	3730,769231	2280,656389		T94a	69744T94a	EGWO	28	39	11	5	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45

33	3722,745258	2494,183597	[redacted]	36	T	69745T94a	EGWO	3722,745258	2277,79295	[redacted]	T94a	69745T94a	EGWO	29	39	10	4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	5.45
33	3735,042735	2520,247777		12	T	69746T94a	EGWO	3735,042735	2316,572024		T94a	69746T94a	EGWO	26	38	12	7	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
49	4744,292755	2344,782056		24	F	69750F89c	EGWO	4744,292755	2346,378039		F89c	69750F89c	EGWO	41	49	8	8	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	9.35
38	7053,888114	4403,184415		7	A	69754A09d	STWO	7053,888114	4237,848207		A09d	69754A09d	STWO	39	40	1	-1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
48	5550,780711	2796,407041		6	M	69770M34f	EGWO	5550,780711	2805,037022		M34f	69770M34f	EGWO		49			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
43	5171,064361	2469,631451		2	M	69771M34f	EGWO	5171,064361	2532,732433		M34f	69771M34f	EGWO		48			42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
43	5445,436508	2386,980355		2	M	69772M34f	EGWO	5445,436508	2537,48469		M34f	69772M34f	EGWO		48			42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
35	5947,916667	3297,874974		2	M	69772M34f	STWO	5947,916667	4005,158517		M34f	69772M34f	STWO	30	32	2	5	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
43	5299,801898	2779,736494		3	M	69773M34f	EGWO	5299,801898	2893,566201		M34f	69773M34f	EGWO		48			42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
35	5891,826923	3713,710468		2	M	69773M34f	STWO	5891,826923	4145,075905		M34f	69773M34f	STWO	30	32	2	5	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
	3796,578066			593	T	69775T93d	STWO	3796,578066	3892,880314		T93d	69775T93d	STWO	5	5	0			61,162.852		553.2	61,162.852	4,711.837	0.7	
49	7515,991859	3055,938592		7	M	69780M58b	EGWO	7501,38232	3404,303025		M58b	69780M58b	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
47	6495,537392	3426,863344		147	M	69780M58b	STWO	6455,8096	4028,714247		M58b	69780M58b	STWO		39			46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837		
49	7902,857143	3353,287657		1	M	69781M58b	EGWO	7902,857143			M58b	69781M58b	EGWO					46.8	61,162.852	3,773.36	51.2	61,162.852			
49	6578,570141	3377,211384		36	M	69781M58b	STWO	6578,570141	3935,514786		M58b	69781M58b	STWO		40			46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
35	6075,45341	3921,066999		40	M	69787M33j	STWO	6075,45341	3804,12408		M33j	69787M33j	STWO	38	38	0	-3	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
32	5909,686832	4014,304648		99	M	69793M33j	STWO	5909,686832	3792,303701		M33j	69793M33j	STWO	36	36	0	-4	33.6	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	-2.35
49	6593,796657	2800,573059		12	N	69815N73h	EGWO	6593,796657	2934,466502		N73h	69815N73h	EGWO	48	49	1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
	5171,428571	4727,74		1	F	69824F87e	EGWO	5171,428571	4197,900738		F87e	69824F87e	EGWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
	4500	2235,43		1	F	69824F87e	STWO	4500	3222,412845		F87e	69824F87e	STWO						61,162.852	3,773.36	51.2	61,162.852	4,711.837		
49	5603,382624	2226,140162		16	N	98000N71g	EGWO	5603,382624	2471,179129		N71g	98000N71g	EGWO	43	49	6	6	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
47	6941,890844	3667,534794		152	M	98003M58g	STWO	6928,451975	3982,186548		M58g	98003M58g	STWO	40	41	1	7	46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837	0.7	5.45
49	6015,069814	2401,746197		8	N	98006N71g	EGWO	6015,069814	2648,059672		N71g	98006N71g	EGWO	46	49	3	3	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55
42	5166,736018	2988,411749		14	M	98007M35b	EGWO	5166,736018	2908,83682		M35b	98007M35b	EGWO	44	48	4	-2	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	-2.35
49	6841,319036	3432,792653		228	E	98014E12a	STWO	6841,319036	3919,406413		E12a	98014E12a	STWO	42	43	1	7	46.8	61,162.852	3,773.36	252	61,162.852	4,711.837	0.7	5.45
49	5441,7113	2726,780854		22	N	98017N65d	EGWO	5441,7113	2629,245601		N65d	98017N65d	EGWO	45	49	4	4	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	5.45
36	6067,79661	3942,061527		2	F	98019F87f	STWO	6067,79661	3902,625758		F87f	98019F87f	STWO					38	61,162.852	3,773.36	51.2	61,162.852	4,711.837		
47	4971,40941	2571,781046		14	N	98020N65d	EGWO	4971,40941	2520,5196		N65d	98020N65d	EGWO	42	47	5	5	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	5.1	5.45
49	5341,924575	2650,124105		13	N	98022N65d	EGWO	5341,924575	2618,318283		N65d	98022N65d	EGWO	42	49	7	7	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
33	5583,581408	3651,239889		231	E	98025E39d	STWO	5583,581408	3836,370833		E39d	98025E39d	STWO	29	31	2	4	33.6	61,162.852	3,773.36	252	61,162.852	4,711.837	2.9	5.45
40	4857,91031	2898,776553		12	N	98028N74c	EGWO	4857,91031	2588,072972		N74c	98028N74c	EGWO	39	47	8	1	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
48	5437,097565	2805,138205		6	N	98029N74c	EGWO	5437,097565	2639,24692		N74c	98029N74c	EGWO	39	49	10	9	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	9.5	9.35
45	5042,377646	2767,691412		32	N	98031N71c	STWO	5042,377646	3486,711336		N71c	98031N71c	STWO	31	31	0	14	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	13.25
44	5377,336361	3001,414785		15	N	98032N67a	EGWO	5377,336361	2833,323861		N67a	98032N67a	EGWO	37	44	7	7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	5.45
44	5185,797318	2536,557642		10	N	98033N67a	EGWO	5185,797318	2516,725623		N67a	98033N67a	EGWO	37	49	12	7	42.4	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	5.45
39	4934,663218	3668,318159		2	N	98034N67a	EGWO	4934,663218	2798,187227		N67a	98034N67a	EGWO	37	44	7	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
39	5643,146997	2958,987526		4	N	98035N67a	EGWO	5643,146997	2787,015466		N67a	98035N67a	EGWO	37	44	7	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
46	6757,66194	3670,383261		162	M	98037M58b	STWO	6757,66194	4265,158866		M58b	98037M58b	STWO		37			46.8	61,162.852	3,773.36	151.6	61,162.852	4,711.837		
39	5659,090134	3421,178237		10	N	98038N67a	EGWO	5659,090134	2851,655631		N67a	98038N67a	EGWO	37	49	12	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	11.7	1.55
39	5572,842664	2751,785032		3	N	98042N67a	EGWO	5572,842664	2726,282041		N67a	98042N67a	EGWO	37	44	7	2	38	61,162.852	3,773.36	51.2	61,162.852	4,711.837	7.3	1.55
48	6408,677038	4155,963877		8	M	98043M35a	EGWO	6408,677038	3128,958631		M35a	98043M35a	EGWO	48	49	1	0	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
49	4764,383888	2380,053764		12	M	98044M35a	EGWO	4764,383888	2399,645449		M35a	98044M35a	EGWO	48	49	1	1	46.8	61,162.852	3,773.36	51.2	61,162.852	4,711.837	0.7	1.55
28	5252,917254	3676,03656		4	M	98044M35a	STWO	5252,917254	3697,303712		M35a	98044M35a	STWO	28	30	2	0	29.2	61,162.852	3,773.36	51.2	61,162.852	4,711.837	2.9	1.55

First(Buurtcode)	Gebruikscode	Mean(BSQ2021)	Mean(BSQ 2023 (MBM))	Mean(verschil_2021_MBM)	Mean(verschil_2021_M3E)	Mean(BSQ 2023 (M3E - punt 2 3 correctie))
A00a	EGWO	42,83333333	48,83333333	6	-10,83333333	32
A00a	STWO	38,63157895	38,89473684	0,263157895	-9,052631579	29,57894737
A00b	EGWO	39	45	6	-8	31
A00b	STWO	35,82352941	34,82352941	-1	-11,17647059	24,64705882
A00c	EGWO	44	49	5	-8,6	35,4
A00c	STWO	38,68	37,92	-0,76	-9,32	29,36
A00d	EGWO	43,33333333	48,66666667	5,333333333	-9,333333333	34
A00d	STWO	42,5	41,5	-1	-7,5	35
A00e	EGWO	43,57142857	48,71428571	5,142857143	-8	35,57142857
A00e	STWO	41,5	39,42857143	-2,071428571	-9,428571429	32,07142857
A01b	EGWO	38	47	9	-14	24
A01b	STWO	41,28571429	40,28571429	-1	-10,42857143	30,85714286
A01c	EGWO	39				
A01c	STWO	39	37,53846154	-1,461538462	-6,615384615	32,38461538
A01d	EGWO	43,11111111	47,88888889	4,777777778	-13	30,11111111
A01d	STWO	41,25	40,08333333	-1,166666667	-9,916666667	31,33333333
A01e	EGWO	42,16666667	48,16666667	6	-9,666666667	32,5
A01e	STWO	39,78947368	39,26315789	-0,526315789	-7,315789474	32,47368421
A01f	EGWO	47,66666667	49	1,333333333	-9,333333333	38,33333333
A01f	STWO	43,22222222	42,44444444	-0,777777778	-7	36,22222222
A01g	EGWO					
A01g	STWO	41,33333333	40,47368421	-1,166666667	-9,666666667	31,84210526
A01h	STWO	43	41,5	-1,5	-5,375	37,625
A02a	EGWO	49	49	0	-0,6	48,4
A02a	STWO	46,45454545	44,45454545	-2	-3,727272727	42,72727273
A02b	EGWO	49	49	0	-0,222222222	48,77777778
A02b	STWO	47,30769231	45,46153846	-1,846153846	-2,384615385	44,92307692
A02c	EGWO	49	49	0	0	49
A02c	STWO	45,75	44,125	-1,625	-2,8125	42,9375
A02d	EGWO	49	49	0	0	49
A02d	STWO	47,4	47,1	-0,3	-0,4	47
A03a	EGWO	49	49	0	0	49
A03a	STWO	45	44,83333333	-0,166666667	-0,5	44,5
A03b	EGWO					
A03b	STWO	47,25	47,5	0,25	1,75	49
A03c	EGWO	49	49	0	0	49
A03c	STWO	46,33333333	46,77777778	0,444444444	-0,222222222	46,11111111
A03d	EGWO	49	49	0	0	49
A03d	STWO	46,875	47,125	0,25	-0,375	46,5
A03e	EGWO					
A03e	STWO	43,8	43,8	-4,44089E-17	-1	42,8
A03f	EGWO					
A03f	STWO	42,07142857	41,35714286	-0,714285714	-7,928571429	34,14285714
A03g	EGWO	49	49	0	0	49
A03g	STWO	45,625	44,125	-1,5	-2,25	43,375
A04a	STWO	42,5	42,5	0	0,75	43,25
A04b	EGWO	45	49	4	-9	36
A04b	STWO	40,6	41,2	0,6	-2,8	37,8
A04c	EGWO	48	49	1	-9,25	38,75

A04c	STWO	38,55555556	40,11111111	1,555555556	-2,111111111	36,44444444
A04d	EGWO	48,55555556	49	0,444444444	-2,222222222	46,33333333
A04d	STWO	38,45454545	39,72727273	1,272727273	-4,090909091	34,36363636
A04e	EGWO	47,15384615	49	1,846153846	-6,153846154	41
A04e	STWO	38,44444444	40	1,555555556	-0,944444444	37,5
A04f	EGWO					
A04f	STWO	42,375	43	0,625	3,25	45,625
A04g	EGWO					
A04g	STWO	38,5	40,25	1,75	2,125	40,625
A04h	EGWO	47,77777778	49	1,222222222	-5,666666667	42,11111111
A04h	STWO	41,92857143	42,92857143	1	-2,642857143	39,28571429
A04i	EGWO	48	49	1	-4	44
A04i	STWO	41,57142857	41	-0,571428571	-3,142857143	38,42857143
A05a	EGWO		49			49
A05a	STWO	43,42857143	43,42857143	0	-1	42,42857143
A05b	EGWO	45,7	49	3,3	-6,4	39,3
A05b	STWO	43,46153846	43,53846154	0,076923077	-4	39,46153846
A05c	EGWO	42,81818182	48,72727273	5,909090909	-5,090909091	37,72727273
A05c	STWO	41,125	41,0625	-0,0625	-2,5	38,625
A05d	EGWO	49	49	0	0	49
A05d	STWO	42,44444444	42,72222222	0,277777778	-0,277777778	42,16666667
A05f	EGWO					
A05f	STWO	39,5	39,75	0,25	-9	30,5
A05g	STWO	36				
A06a	EGWO	47,23076923	49	1,769230769	-6,923076923	40,30769231
A06a	STWO	42,92307692	43,07692308	0,153846154	-2,769230769	40,15384615
A06c	EGWO	48,69230769	49	0,307692308	-4	44,69230769
A06c	STWO	43,15384615	43,30769231	0,153846154	-3,923076923	39,23076923
A06d	STWO	39	37,66666667	-1,333333333	-9,333333333	29,66666667
A06e	EGWO					
A06e	STWO	38,16666667	38,16666667	0	-10,33333333	27,83333333
A06f	EGWO					
A06f	STWO	39,5	40	0,5	-5	34,5
A06g	EGWO	48,75	49	0,25	-3,625	45,125
A06g	STWO	43,3	43,45	0,15	-2,45	40,85
A06h	EGWO	49	49	0	-3,6	45,4
A06h	STWO	45,7	46,2	0,5	1,8	47,5
A06i	STWO	40,66666667	40,66666667	0	-4	36,66666667
A06j	STWO	40,33333333	39,5	-0,833333333	-2	38,33333333
A06k	EGWO	49	49	0	-4	45
A06k	STWO	45,22222222	45	-0,222222222	-3,722222222	41,5
A06l	EGWO	48,85714286	49	0,142857143	-5,714285714	43,14285714
A06l	STWO	44,47058824	44,47058824	-1,38778E-17	-2,058823529	42,41176471
A07a	EGWO	49	49	0	-3	46
A07a	STWO	43	42,16666667	-0,833333333	-1,333333333	41,66666667
A07b	STWO	39,66666667	38,66666667	-1	-6,333333333	33,33333333
A07c	EGWO	49	49	0	-0,666666667	48,33333333
A07c	STWO	41,66666667	41,33333333	-0,333333333	-5	36,66666667
A07d	EGWO					49
A07d	STWO	42,6	41,8	-0,8	-3,4	39,2

A07e	EGWO	49	49	0	0	49
A07e	STWO	43,06666667	42,93333333	-0,133333333	-2,466666667	40,6
A07f	EGWO					48,6
A07f	STWO	45,11111111	45,22222222	0,111111111	1,666666667	46,77777778
A07g	EGWO	49	49	0	0	49
A07g	STWO	46	45,75	-0,25	-2,875	43,125
A07h	EGWO	49	49	0	0	49
A07h	STWO	46,5	46,3125	-0,1875	1	47,5
A08a	EGWO	49	49	0	-1	48
A08a	STWO	42,61538462	43,38461538	0,769230769	-3,230769231	39,38461538
A08b	EGWO					37
A08b	STWO	42	43,08333333	1,083333333	-1,083333333	40,91666667
A08d	EGWO	49	49	0	-5,857142857	43,14285714
A08d	STWO	42,1	43,2	1,1	-1,7	40,4
A08e	EGWO					
A08e	STWO	40,4	42,2	1,8	-3,6	36,8
A09a	EGWO					
A09b	STWO	32,3	33,1	0,8	-4,7	27,6
A09c	EGWO					
A09c	STWO	34,63636364	36,36363636	1,727272727	-3,727272727	30,90909091
A09d	EGWO					
A09d	STWO	35,88888889	37,22222222	1,333333333	1	36,88888889
A09e	EGWO	49	49	0	0	49
A09e	STWO	34,23076923	35,23076923	1	-6,384615385	27,84615385
A09f	EGWO	49	49	0	0	49
A09f	STWO	37	36,66666667	-0,333333333	-6	31
A09h	EGWO					
A09h	STWO	38,85714286	40	1,142857143	-0,142857143	38,71428571
A09i	EGWO	47	49	2	-2	43
A09i	STWO	38,53846154	39,23076923	0,692307692	-1,769230769	36,76923077
B10a	EGWO					
B10a	STWO					
B10d	EGWO					
B10g	STWO					
E12a	EGWO	49	49	0	0	49
E12a	STWO	42,375	43	0,625	5,625	48
E12b	STWO	46	44	-2	2	48
E13a	STWO	41,38461538	38,15384615	-3,230769231	5,384615385	46,76923077
E13b	EGWO					
E13b	STWO	34,45454545	32,63636364	-1,818181818	-8,545454545	25,90909091
E13c	STWO	37,85714286	36,14285714	-1,714285714	1,857142857	39,71428571
E13d	STWO	35,5	34,5	-1	4,8	40,3
E13e	STWO	39,75	38,25	-1,5	5,5	45,25
E13f	STWO	41	39,8	-1,2	7,8	48,8
E13h	EGWO					
E13h	STWO					
E14a	STWO	40,6	41,2	0,6	8,4	49
E14b	EGWO					
E14b	STWO	41,2	41	-0,2	1,4	42,6
E14c	STWO	29,83333333	31,5	1,666666667	-3,666666667	26,16666667

E14d	STWO	39,07142857	39,64285714	0,571428571	9,285714286	48,35714286
E14e	STWO	41,25	41,625	0,375	7,625	48,875
E14f	EGWO					
E14f	STWO	42,6	41,73333333	-0,866666667	4,466666667	47,06666667
E15a	STWO	39,2	38,1	-1,1	-3,7	35,5
E15c	STWO	27	35	8	21	48
E15d	STWO	36	37	1	-6,5	29,5
E16a	EGWO					
E16a	STWO	40,23529412	40,94117647	0,705882353	8,529411765	48,76470588
E16b	EGWO					
E16b	STWO	40,83333333	41,5	0,666666667	8	48,83333333
E16c	EGWO					
E16c	STWO	41,25	41,25	0	2,5	43,75
E17a	STWO	42,6	42,46666667	-0,133333333	6,333333333	48,93333333
E18a	EGWO	49	49	0	0	49
E18a	STWO	43,23076923	42,84615385	-0,384615385	5,692307692	48,92307692
E18b	EGWO	48,33333333	49	0,666666667	0,666666667	49
E18b	STWO	41,11764706	41	-0,117647059	6,176470588	47,29411765
E19a	EGWO					
E19a	STWO	43,5	42,875	-0,625	5,125	48,625
E19b	STWO	32,53846154	35,07692308	2,538461538	1,769230769	34,30769231
E19c	STWO	40,71428571	40,14285714	-0,571428571	6,142857143	46,85714286
E20a	EGWO		49			46
E20a	STWO	46,6	46,4	-0,2	2,4	49
E20b	EGWO					49
E20b	STWO	44	43,6	-0,4	4,7	48,7
E20c	EGWO					
E20c	STWO	44,22222222	44	-0,222222222	4,777777778	49
E21a	EGWO					
E21a	STWO	43,8125	43,6875	-0,125	5,1875	49
E21b	EGWO	49	49	0	0	49
E21b	STWO	46,7	46,2	-0,5	2,3	49
E22a	EGWO					
E22a	STWO	48,25	47,22222222	-1,25	0,75	49
E22b	EGWO		49			
E22b	STWO	44,83333333	43,16666667	-1,666666667	3,833333333	48,66666667
E36a	EGWO	48	49	1	1	49
E36a	STWO	36	35	-1	4	40
E36b	STWO					
E37a	STWO	26,6	27,4	0,8	7,4	34
E37c	EGWO		49			49
E37c	STWO	30,84210526	31	0,157894737	9,315789474	40,15789474
E37d	STWO	39,06666667	38,86666667	-0,2	9,6	48,66666667
E37e	EGWO					
E37e	STWO	37,625	37,125	-0,5	11,125	48,75
E37f	STWO	36,66666667	36	-0,666666667	12,11111111	48,77777778
E37g	EGWO	49	49	0	0	49
E37g	STWO	35,22222222	35,11111111	-0,111111111	12,11111111	47,33333333
E38c	STWO	35,2173913	35,17391304	-0,043478261	11,86956522	47,08695652
E38d	STWO	36,85714286	36,85714286	0	10,57142857	47,42857143

E39a	EGWO					
E39a	STWO	21,375	22,75	1,375	8,75	30,125
E39b	EGWO	44	49	5	5	49
E39b	STWO	26,25	30,5	4,25	10	36,25
E39c	STWO	27,75	30,75	3,25	7	32,75
E39d	STWO	26,8	27,2	0,4	1,1	27,9
E40a	STWO	41	40,83333333	-0,166666667	8	49
E40b	STWO	39,375	39,375	2,77556E-17	9,625	49
E40c	STWO	38,875	38,375	-0,5	10,125	49
E41a	STWO	39,28571429	39,14285714	-0,142857143	9,714285714	49
E41b	STWO	37,3	37	-0,3	11,5	48,8
E41c	STWO	36,75	36,25	-0,5	11,25	48
E42a	STWO	37,125	37,5625	0,4375	8,125	45,25
E42b	STWO	38,58333333	39	0,416666667	8,75	47,33333333
E42c	STWO	38,71428571	39	0,285714286	9	47,71428571
E42d	EGWO					
E42d	STWO	37,625	37,75	0,125	7,25	44,875
E43a	EGWO	49	49	0	0	49
E43a	STWO	40,9375	41,25	0,3125	7,6875	48,625
E43b	EGWO	49	49	0	0	49
E43b	STWO	40,75	41	0,25	8,25	49
E75a	EGWO	49	49	0	0	49
E75a	STWO	38	38,6	0,6	10,5	48,5
E75b	STWO	38,57142857	39,14285714	0,571428571	8,857142857	47,42857143
E75c	STWO	37,16666667	37,83333333	0,666666667	9,5	46,66666667
E75d	STWO	38,25	40,25	2	10	48,25
F11a	EGWO					
F11a	STWO					
F11d	STWO					
F11e	EGWO					
F11f	STWO					
F76a	EGWO	31,09090909	40,3030303	9,212121212	5,272727273	36,36363636
F76a	STWO	7,928571429	11,5	3,571428571	0,142857143	8,071428571
F76b	STWO	11	15,28571429	4,285714286	-3,571428571	7,428571429
F77a	EGWO	24,6	35,7	11,1	4,4	29
F77a	STWO	12	16	4	5,55112E-17	12
F77b	EGWO	42,69230769	48,38461538	5,692307692	4,538461538	47,23076923
F77b	STWO	16,09090909	20,63636364	4,545454545	2,363636364	18,45454545
F77c	EGWO	30	38,07142857	8,071428571	2,142857143	32,14285714
F77c	STWO	11,22222222	14,55555556	3,333333333	3,111111111	14,33333333
F77d	EGWO	35	43,25	8,25	6,75	41,75
F77d	STWO	10	15,25	5,25	2,25	12,25
F77e	STWO		30			30
F77f	EGWO	28,61111111	37,5	8,888888889	3,777777778	32,38888889
F77f	STWO	14,16666667	17,83333333	3,666666667	2,666666667	16,83333333
F78a	EGWO	34,4	40,8	6,4	1	35,4
F78a	STWO	15,25	16,75	1,5	-3,25	12
F78b	EGWO	29,59259259	38,48148148	8,888888889	3,259259259	32,85185185
F78b	STWO	19,55555556	23,33333333	3,777777778	11,33333333	30,88888889
F78c	EGWO	36,2	47,4	11,2	6,6	42,8

F78c	STWO	12,5	16,83333333	4,333333333	2,54426E-17	12,5
F78d	EGWO	28,1875	36,875	8,6875	2,5	30,6875
F78d	STWO	15,125	19,125	4	2,125	17,25
F78e	STWO	8,5	13,5	5	4	12,5
F79a	EGWO					
F79b	EGWO	30,61538462	40,23076923	9,615384615	3	33,61538462
F79b	STWO	13	16	3	-3,571428571	9,428571429
F80b	EGWO	24,33333333	33	8,666666667	-5	19,33333333
F80b	STWO					
F80c	EGWO		36			32
F81a	EGWO	28	36	8	0,5	28,5
F81a	STWO	9	10,33333333	1,333333333	-1,5	7,5
F81b	EGWO	35	42,66666667	7,666666667	3,333333333	38,33333333
F81b	STWO	13,66666667	15,33333333	1,666666667	2,888888889	16,55555556
F81c	EGWO	35,66666667	47	11,33333333	6,333333333	42
F81c	STWO	13,44444444	17,33333333	3,888888889	0,777777778	14,22222222
F81d	EGWO	32,6	40,6	8	1	33,6
F81d	STWO	9,166666667	10,5	1,333333333	-2,666666667	6,5
F81e	EGWO	27,90909091	34,86363636	6,954545455	-1	26,90909091
F81e	STWO	8,111111111	9,111111111	1	-1,666666667	6,444444444
F82a	EGWO	35,25	43,25	8	5,25	40,5
F82a	STWO	12,5	15	2,5	-2,5	10
F82b	EGWO	35,66666667	45	9,333333333	6,666666667	42,33333333
F82b	STWO	17,33333333	18,66666667	1,333333333	1,333333333	18,66666667
F82c	STWO	10,1	11,2	1,1	0,4	10,5
F82d	EGWO	34,1	43,5	9,4	7,9	42
F82d	STWO	16,45	18,65	2,2	1,3	17,75
F83a	EGWO	29,46153846	37,69230769	8,230769231	1,538461538	31
F83a	STWO	7,428571429	7,857142857	0,428571429	-1,714285714	5,714285714
F83b	STWO	7	8	1	9	16
F84a	EGWO	32,04545455	40,40909091	8,363636364	4	36,04545455
F84a	STWO	13,86956522	15,04347826	1,173913043	6,956521739	20,82608696
F84b	EGWO	33,38095238	42,61904762	9,238095238	4,142857143	37,52380952
F84b	STWO	14,53846154	18,23076923	3,692307692	1,230769231	15,76923077
F84c	EGWO	33,28571429	42,35714286	9,071428571	5,071428571	38,35714286
F84c	STWO	20,44444444	22,88888889	2,444444444	3,555555556	24
F85a	EGWO	36,42857143	43,14285714	6,714285714	5,642857143	42,07142857
F85a	STWO	26,11111111	27,66666667	1,555555556	7,555555556	33,66666667
F85b	EGWO	37,66666667	45,06666667	7,4	5,133333333	42,8
F85b	STWO	15,16666667	18	2,833333333	-1,333333333	13,83333333
F85c	STWO	15,22222222	17	1,777777778	-5,555555556	9,666666667
F86a	EGWO	37,72727273	44,81818182	7,090909091	5,454545455	43,18181818
F86a	STWO	19,47368421	21,57894737	2,105263158	5,736842105	25,21052632
F86b	EGWO	38,33333333	47,66666667	9,333333333	9,333333333	47,66666667
F86b	STWO	23,25	25,92307692	2,125	6	31,15384615
F86c	EGWO					
F86c	STWO	21	23	2	4	25
F86d	STWO	22	27	5	6	28
F86e	STWO	23	25	2	2	25
F86f	STWO	25,5	27,5	2	6,5	32

F87a	STWO	27,8	29,2	1,4	2	29,8
F87b	EGWO					
F87b	STWO	41,33333333	41	-0,333333333	2	43,33333333
F87c	EGWO					
F87c	STWO	29,6	30,2	0,6	3	32,6
F87d	STWO	19,57142857	22,71428571	3,142857143	6	25,57142857
F87e	EGWO					
F87e	STWO					
F87f	STWO	24	30	6	11	36,25
F88a	EGWO					
F88a	STWO		25			27
F88b	EGWO	33	42,5	9,5	2,5	35,5
F88b	STWO	26,5	28,5	2	0,5	27
F88c	EGWO					
F88d	EGWO	36	45	9	-1	35
F88e	EGWO	33	41,52631579	8,526315789	5,473684211	38,47368421
F88e	STWO	16,4	20,4	4	-0,2	16,2
F88f	EGWO	33,76923077	42,46153846	8,692307692	4,615384615	38,38461538
F88f	STWO	21,5	24,25	2,75	1,5	23
F88g	STWO	19,16666667	21,33333333	2,166666667	2	21,16666667
F88h	EGWO	31,95	41,3	9,35	6,55	38,5
F88h	STWO	24	24,5	0	4	25,25
F88i	EGWO	35,05263158	43,05263158	8	2,789473684	37,84210526
F88i	STWO	21	24,09090909	3,090909091	3,545454545	24,54545455
F88j	EGWO	27,875	35,875	8	2,875	30,75
F88j	STWO	18	20,75	2,75	8	26
F89a	EGWO	33,66666667	43,66666667	10	8	41,66666667
F89a	STWO	17,23076923	20,15384615	2,923076923	-0,692307692	16,53846154
F89b	EGWO	29,8	36,9	7,1	1,2	31
F89b	STWO	15,91666667	17,58333333	1,666666667	-2,25	13,66666667
F89c	EGWO	39,16666667	47,5	8,333333333	6,833333333	46
F89c	STWO	27,5	27	-0,5	-0,25	27,25
F89d	STWO	12,5	15	2,5	3,5	16
K23a	STWO	46	47	1	1	47
K23c	EGWO		49			44
K23c	STWO	38	31	-7	-11,5	26,5
K23d	EGWO		49			49
K23d	STWO	44,4	43,8	-0,6	1,5	45,9
K23e	STWO	38	37	-1	1	39
K24a	EGWO	49	49	0	-3,2	45,8
K24a	STWO	44,66666667	43,88888889	-0,777777778	4,333333333	49
K24b	STWO	44,33333333	43,55555556	-0,777777778	4,222222222	48,55555556
K24c	EGWO					48
K24c	STWO	45,77777778	44,77777778	-1	3,222222222	49
K24d	EGWO					
K24d	STWO	43,54545455	42,72727273	-0,818181818	5,090909091	48,63636364
K24e	EGWO	49	49	0	-1	48
K24e	STWO	43,5	42,8125	-0,6875	5,5	49
K25a	EGWO	46,25	49	2,75	-3	43,25
K25a	STWO	43,23076923	42	-1,230769231	5,384615385	48,61538462

K25b	EGWO					
K25b	STWO	44,33333333	43,16666667	-1,166666667	4,555555556	48,88888889
K25c	STWO	41	40,27272727	-0,727272727	5,454545455	46,45454545
K25d	EGWO					
K25d	STWO	43,76923077	42,30769231	-1,461538462	5,230769231	49
K26a	EGWO	49	49	0	0	49
K26a	STWO	38,75	40	1,25	10	48,75
K26b	EGWO					
K26b	STWO	42,875	41,1875	-1,6875	5,8125	48,6875
K26c	STWO	42,35714286	40,07142857	-2,285714286	6,214285714	48,57142857
K44a	EGWO	49	49	0	0	49
K44a	STWO	40,8	41,3	0,5	8	48,8
K44b	STWO	40,9375	41,3125	0,375	7,9375	48,875
K44c	STWO	40,91666667	41	0,083333333	8,083333333	49
K44d	EGWO	48,5	49	0,5	0,5	49
K44d	STWO	41,54545455	40,63636364	-0,909090909	7,454545455	49
K44e	EGWO	48,75	49	0,25	0,25	49
K44e	STWO	41,5	41,3	-0,2	7,3	48,8
K44f	EGWO					
K44f	STWO					
K45a	EGWO	47	49	2	-1	46
K45a	STWO	43,1	42,7	-0,4	5,5	48,6
K45b	EGWO	49	49	0	0	49
K45b	STWO	40,33333333	40,77777778	0,444444444	8,333333333	48,66666667
K46a	EGWO					49
K46a	STWO	49	48,8	-0,2	0	49
K46b	EGWO		49			49
K46b	STWO	48,45454545	47,90909091	-0,545454545	0,545454545	49
K46c	EGWO					49
K46c	STWO	47,5	47	-0,5	1,5	49
K47a	EGWO					49
K47a	STWO	48,33333333	47,84615385	-0,666666667	0,666666667	49
K47b	EGWO					49
K47b	STWO	48,5	47,66666667	-1	0,5	49
K47c	EGWO	49	49	0	0	49
K47c	STWO	49	48,75	-0,5	0	49
K47d	EGWO	49	49	0	0	49
K47d	STWO	49	49	0	0	49
K47e	EGWO	49	49	0	0	49
K47e	STWO	47,81818182	48,18181818	0,363636364	1,181818182	49
K47f	EGWO	49	49	0	0	49
K47f	STWO	47,84615385	47,92307692	0,076923077	1,153846154	49
K47g	EGWO					49
K47g	STWO	44,33333333	45,11111111	0,777777778	4,666666667	49
K47h	STWO	49	49	0	0	49
K47i	EGWO					
K47j	EGWO					
K47j	STWO	46,125	45	-1,125	2,875	49
K48a	STWO	43,85714286	41,42857143	-2,428571429	5,142857143	49
K48b	EGWO					49

K48b	STWO	45,85714286	44	-1,857142857	3,142857143	49
K48c	EGWO					
K48c	STWO	42,66666667	40,77777778	-1,888888889	6	48,66666667
K48d	EGWO					
K48d	STWO	42,875	40,875	-2	0,25	43,125
K48e	STWO					
K48f	EGWO		49			49
K48f	STWO	43,75	41,875	-1,875	5,25	49
K49a	EGWO	49	49	0	0	49
K49a	STWO	48	47,5	-0,5	1	49
K49b	EGWO	49	49	0	0	49
K49b	STWO	47,54545455	46,90909091	-0,636363636	1,454545455	49
K49c	EGWO					49
K49c	STWO					
K49d	EGWO	49	49	0	0	49
K49d	STWO	48,64285714	47,07142857	-1,571428571	0,357142857	49
K49e	EGWO	49	49	0	0	49
K49e	STWO	48,5625	47,1875	-1,375	0,4375	49
K49f	EGWO	49	49	0	0	49
K49f	STWO	47,86666667	46,33333333	-1,533333333	1,133333333	49
K52a	EGWO	49	49	0	0	49
K52a	STWO	44,46153846	44,46153846	-1,38778E-17	4,538461538	49
K52b	EGWO		49			49
K52b	STWO	43	43,11764706	0,117647059	6	49
K52c	STWO	43,66666667	43,33333333	-0,333333333	5,333333333	49
K52d	STWO	40,14285714	41,42857143	1,285714286	8,857142857	49
K52g	EGWO	49	49	0	0	49
K52g	STWO	35,85714286	36	0,142857143	-3,857142857	32
K52h	STWO	43,16666667	41,83333333	-1,333333333	2	45,16666667
K53a	STWO	39,91666667	40,16666667	0,25	8,666666667	48,58333333
K53b	STWO	38,75	39,25	0,5	8,583333333	47,33333333
K54a	STWO	40,2	40,2	-1,38778E-17	8,3	48,5
K54b	EGWO					
K54b	STWO	40,9	40,9	1,66533E-17	7,9	48,8
K54c	EGWO		49			49
K54c	STWO	39,55555556	39,66666667	0,111111111	9,222222222	48,77777778
K54d	STWO	41,28571429	40,57142857	-0,714285714	6,857142857	48,14285714
K54e	EGWO					
K59a	EGWO	49	49	0	0	49
K59a	STWO	37,81818182	36,45454545	-1,363636364	-4,636363636	33,18181818
K90a	EGWO	49	49	0	0	49
K90a	STWO	31,90909091	30,36363636	-1,545454545	-2,5	29,40909091
K90c	EGWO	47,9	48,8	0,9	1,1	49
K90c	STWO	29,57692308	27,76923077	-1,807692308	-3,038461538	26,53846154
K90d	EGWO	47,2	48,46666667	1,266666667	1,8	49
K90d	STWO	30,53846154	30,69230769	0,153846154	3,692307692	34,23076923
K90e	EGWO					
K90i	EGWO	48,625	49	0,375	0,375	49
K90i	STWO	41,71428571	39,57142857	-2,142857143	-0,142857143	41,57142857
K90j	EGWO					

K91a	STWO	37,66666667	37,5	-0,166666667	-1	36,66666667
K91b	STWO	32,57142857	30,78571429	-1,785714286	-1,071428571	31,5
K91c	EGWO	48,0625	48,875	0,8125	0,9375	49
K91c	STWO	29,47058824	26,82352941	-2,647058824	-1,941176471	27,52941176
K91d	EGWO					
M27a	EGWO					49
M27a	STWO	42,6	41,6	-1	6,2	48,8
M27b	EGWO	48,66666667	49	0,333333333	0,333333333	49
M27b	STWO	41,92307692	40,92307692	-1	6,384615385	48,30769231
M28a	EGWO					
M28a	STWO	38,6875	38,8125	0,125	8,4375	47,125
M28b	STWO					
M28c	EGWO	49	49	0	-4	46
M28c	STWO	39,90909091	40,09090909	0,181818182	7,727272727	47,63636364
M28d	EGWO					
M28d	STWO	38,2	38,5	0,3	3,2	41,4
M29a	STWO	39,5	37,7	-1,8	5,2	44,7
M29b	EGWO					
M29b	STWO	38,81818182	37,63636364	-1,181818182	7,454545455	46,27272727
M29c	EGWO	49	49	0	0	49
M29c	STWO	40,6	40,3	-0,3	2,3	42,9
M30a	EGWO	45	49	4	4	49
M30a	STWO	36,35	36,7	0,35	8,65	45
M30b	EGWO	46,5	49	2,5	0,5	47
M30b	STWO	40,6	41	0,4	8	48,6
M31a	STWO	39,125	40	0,875	7,4375	46,5625
M31b	STWO	36,5	36,5	0	5,25	41,75
M31c	STWO	29,88888889	30,44444444	0,555555556	3,944444444	33,83333333
M32a	STWO	34,47368421	34,57894737	0,105263158	3,157894737	37,63157895
M32b	EGWO					
M32b	STWO	34,38461538	34,84615385	0,461538462	6,307692308	40,69230769
M32c	EGWO	49	49	0	0	49
M32c	STWO	34,66666667	34	-0,666666667	-3,333333333	31,33333333
M32d	EGWO					
M32d	STWO					
M33a	STWO	36,28571429	36,57142857	0,285714286	0,285714286	36,57142857
M33b	EGWO	47,8	49	1,2	1,2	49
M33b	STWO	34,88888889	34,88888889	5,55112E-17	1,111111111	36
M33c	EGWO	49	49	0	0	49
M33c	STWO	38,5	38,41666667	-0,083333333	-0,583333333	37,91666667
M33d	STWO	34,66666667	33,16666667	-1,5	0,166666667	34,83333333
M33e	EGWO	48,71428571	49	0,285714286	0,285714286	49
M33e	STWO	34	34	3,78485E-17	-0,272727273	33,72727273
M33f	EGWO	48,77777778	49	0,222222222	0,222222222	49
M33f	STWO	39	39,75	0,75	4,083333333	43,08333333
M33g	STWO	30,8	31,4	0,6	-2,8	28
M33h	EGWO	46	48	2	-4	42
M33h	STWO	26,375	24,875	-1,5	-8,5	17,875
M33i	STWO	34	28,33333333	-5,666666667	8,666666667	42,66666667
M33j	STWO	37,25	35,5	-1,75	-4	33,25

M33k	EGWO					
M33k	STWO	26	31	5	6	32
M34c	EGWO					
M34d	STWO					
M34e	EGWO					
M34f	EGWO		48			43,125
M34f	STWO	29,81818182	31,81818182	2	5,363636364	35,18181818
M35a	EGWO	47,90909091	48,81818182	0,909090909	-4,16334E-17	47,90909091
M35a	STWO	28	29,2	1,2	0	28
M35b	EGWO	43,65	47	3,35	-1,4	42,25
M35b	STWO	30,92857143	31,14285714	0,214285714	8,214285714	39,14285714
M35c	EGWO	48,9	49	0,1	-0,9	48
M35c	STWO	31,66666667	32,5	0,833333333	7,166666667	38,83333333
M35e	EGWO	46	49	3	3	49
M35e	STWO	26,5	26,66666667	0,166666667	2,083333333	28,58333333
M35f	EGWO	45	48,47826087	3,47826087	2,695652174	47,69565217
M35f	STWO	25,2	25,73333333	0,533333333	1,133333333	26,33333333
M51a	EGWO		49			41,75
M51b	EGWO	46,85714286	48,95238095	2,095238095	1,714285714	48,57142857
M51b	STWO	27,84615385	29	1,153846154	1,846153846	29,69230769
M51c	EGWO	46	49	3	1,666666667	47,66666667
M51c	STWO	27	27,625	0,625	1,5	28,5
M55b	EGWO	47,33333333	49	1,666666667	1,666666667	49
M55b	STWO	31,75	34,25	2,5	8,5	40,25
M55c	EGWO	49	49	0	0	49
M55c	STWO	30,83333333	35,16666667	4,333333333	1,833333333	32,66666667
M55d	EGWO	48,57142857	49	0,428571429	0,428571429	49
M55d	STWO	38,58333333	39,5	0,916666667	9,583333333	48,16666667
M55e	EGWO					
M55g	EGWO	47,33333333	48,88888889	1,555555556	1	48,33333333
M55g	STWO	37,77777778	39	1,222222222	10,33333333	48,11111111
M55h	EGWO	48,375	49	0,625	0,625	49
M55h	STWO	32,25	34,75	2,5	10	42,25
M55i	STWO	34	34	0	-6	28
M56a	EGWO	48,8	49	0,2	0,1	48,9
M56a	STWO	41,1	42,8	1,7	7,9	49
M56b	EGWO	49	49	0	0	49
M56b	STWO	41,84615385	43,07692308	1,230769231	7,153846154	49
M56c	EGWO	49	49	0	0	49
M56c	STWO	37,20512821	37,94871795	0,743589744	8,58974359	45,79487179
M56d	EGWO					
M56d	STWO	33,33333333	35,66666667	2,333333333	3	36,33333333
M56e	EGWO					
M56f	EGWO	48,83333333	49	0,166666667	0,166666667	49
M56f	STWO	29	31	2	2,5	31,5
M56h	EGWO					
M56h	STWO	32	34	2	0	32
M56i	EGWO					
M57a	EGWO	44	48,54545455	4,545454545	4,818181818	48,81818182
M57a	STWO	28,93333333	31,46666667	2,533333333	14,53333333	43,46666667

M57b	EGWO					
M58b	EGWO					49
M58b	STWO		38,4			47,2
M58e	STWO					
M58g	EGWO		49			49
M58g	STWO	40,25	41,16666667	0,916666667	6,833333333	47,08333333
M58h	STWO	36	39	3	7	43
M58i	STWO					
M58j	STWO					
N60a	EGWO	31,88888889	37,27777778	5,388888889	7,444444444	39,33333333
N60a	STWO	27,38888889	30,38888889	3	9,888888889	37,27777778
N60b	EGWO	38,36363636	44,81818182	6,454545455	4	42,36363636
N60b	STWO	27,90909091	29,72727273	1,818181818	11,36363636	39,27272727
N60c	EGWO	33,8	39,73333333	5,933333333	3,733333333	37,53333333
N60c	STWO	20,30769231	23,92307692	3,615384615	10,76923077	31,07692308
N61a	EGWO					
N61a	STWO	30,46153846	31,46153846	1	7,230769231	37,69230769
N61b	EGWO	40	47,66666667	7,666666667	5,555555556	45,55555556
N61b	STWO	26,56	25,16	-1,4	9,64	36,2
N61c	EGWO	36,15384615	39,30769231	3,153846154	7,846153846	44
N61c	STWO	30,2	30	-0,2	12,4	42,6
N61d	EGWO	41	49	8		
N61d	STWO	27	34	7	20	47
N62a	EGWO	31,69230769	36,84615385	5,153846154	2,153846154	33,84615385
N62a	STWO	22,66666667	23,66666667	1	-3,333333333	19,33333333
N62b	EGWO	36,11538462	41,84615385	5,730769231	5,846153846	41,96153846
N62b	STWO					
N63a	EGWO	33,0952381	39,85714286	6,761904762	7,047619048	40,14285714
N63a	STWO	20	23	3	15	35
N64a	EGWO	38	43	5	-6	32
N64b	EGWO	45	49	4	-1	44
N64c	EGWO	44	48,875	4,875	4,125	48,125
N64c	STWO	29,33333333	31,33333333	2	15,66666667	45
N64d	EGWO	40	49	9	7	47
N64d	STWO	33	31	-2	16	49
N65a	EGWO	20,92307692	33,61538462	12,69230769	5,538461538	26,46153846
N65a	STWO		13,75			16,25
N65b	EGWO	26,775	35,625	8,85	6,175	32,95
N65b	STWO	18,5	20,5	2	12	30,5
N65c	EGWO	28,85185185	37,51851852	8,666666667	4,666666667	33,51851852
N65c	STWO	16,66666667	17,16666667	0,5	-4,833333333	11,83333333
N65d	EGWO	41,86956522	47,69565217	5,826086957	3,565217391	45,43478261
N65d	STWO		28			21
N66b	EGWO	29	36,33333333	9	-1	24,66666667
N66b	STWO	20,5	18,5	-2	11,5	32
N66c	EGWO	28,90909091	37,63636364	8,727272727	1,272727273	30,18181818
N66c	STWO	13,5	17,75	4,25	19,5	33
N66d	EGWO	34,57894737	41,10526316	6,526315789	1,105263158	35,68421053
N66d	STWO	16,625	17,125	0,5	-4,125	12,5
N66e	EGWO					

N66f	STWO	7,25	9,875	2,625	0,75	8
N66g	EGWO	32,72727273	39,63636364	6,909090909	1,818181818	34,54545455
N66g	STWO	12,25	16,75	4,5	-4,25	8
N67a	EGWO	35,75	42,83333333	7,083333333	2,791666667	38,54166667
N67a	STWO	18,75	21,5	2,75	12,75	31,5
N67b	EGWO	31,54545455	39,54545455	8	4,181818182	35,72727273
N68a	EGWO					
N68a	STWO	12	25	13	14	26
N68b	STWO	16,5	16,5	0	-1,5	15
N68c	EGWO	44,33333333	46,66666667	2,333333333	1	45,33333333
N68c	STWO	11,57142857	13,57142857	2	-2,428571429	9,142857143
N68d	EGWO	39,1875	45,3125	6,125	4,0625	43,25
N68d	STWO	7,857142857	13,71428571	5,857142857	4	11,85714286
N68e	EGWO	40,33333333	45,66666667	5,333333333	3	43,33333333
N68e	STWO	9,333333333	10	0,666666667	1,666666667	11
N68f	EGWO	39,83333333	47,5	7,666666667	4	43,83333333
N68f	STWO	8	9,8	1,8	0,2	8,2
N69a	EGWO	39,66666667	46,83333333	7,166666667	7	46,66666667
N69c	EGWO	35	45	10	9	44
N69c	STWO	13	12	-1	-2	11
N69j	STWO	22,4	24,4	2	-1,8	20,6
N69k	STWO	18,6	20,6	2	0	18,6
N69l	STWO	9,714285714	15,85714286	6,142857143	-0,714285714	9
N69m	EGWO	26,25	37,5	11,25	10	36,25
N69m	STWO	14,75	16	1,25	0	14,75
N70a	EGWO	38,92857143	45,5	6,571428571	5,5	44,42857143
N70a	STWO	9,625	13,625	4	0,25	9,875
N70b	EGWO	37,96774194	45,90322581	7,935483871	6,580645161	44,5483871
N70b	STWO	17,84615385	22,61538462	4,769230769	9,076923077	26,92307692
N70c	EGWO					
N70c	STWO	9,666666667	10,83333333	1,166666667	-4,666666667	5
N70d	EGWO	38,5	45	6,5	5,75	44,25
N70d	STWO	6,857142857	9,285714286	2,428571429	-1,857142857	5
N70e	EGWO	42	49	7	2	44
N70f	EGWO	42	48	6	5	47
N70f	STWO	18	22	4	-9	9
N71c	EGWO	41	45,8	6	-1	37,9
N71c	STWO	31,86666667	33,66666667	1,8	9,266666667	41,13333333
N71f	STWO	22,4	25,25	2,75	6,333333333	30
N71g	EGWO	44	49	5	5	49
N71g	STWO	28,25	30,75	2,5	7,25	35,5
N71h	STWO	40,8	37,4	-3,4	-2,4	38,4
N72a	EGWO	37	46	9	5,5	42,5
N72a	STWO	19,5	22,5	3	21	42,6
N72c	EGWO	38	45	7	2	40
N73a	EGWO	45	49	4	4	49
N73b	EGWO	40,4	48,8	8,4	4,4	44,8
N73b	STWO					
N73d	EGWO	40	47	7	0	40
N73d	STWO					

N73f	EGWO	37,66666667	43,66666667	6	-2	35,66666667
N73f	STWO		32			48,5
N73g	EGWO	35,33333333	41,66666667	6,333333333	-1,666666667	33,66666667
N73h	EGWO	43	48,57142857	5,571428571	2,428571429	45,42857143
N73h	STWO	7	7	0		
N73j	EGWO					
N74a	EGWO	41	48	7	0,5	41,5
N74b	STWO	17				
N74c	EGWO	38,5	46,88888889	8,388888889	7	45,5
N74c	STWO	23,33333333	26,5	2	3,5	28
T92d	STWO	5	7,5	2,5	7	12
T92e	STWO					
T92g	EGWO					
T93a	EGWO	27	37	10	1	28
T93a	STWO	5,555555556	7,666666667	2,111111111	0,111111111	5,666666667
T93b	EGWO	23	34,25	11,25	0,25	23,25
T93b	STWO	6,4	8,6	2,2	-0,9	5,5
T93c	STWO	11	15	4	-3	8
T93d	EGWO	21	33,92857143	12,92857143	5	26
T93d	STWO	7,545454545	10,18181818	2,636363636	0,142857143	8,714285714
T93e	STWO	5				
T93f	STWO	5	5,25	0	0	5
T93g	STWO	5,25	6,25	1	-0,25	5
T93i	EGWO	21	34	13	5	26
T93j	EGWO	24,66666667	35,83333333	11,16666667	2,166666667	26,83333333
T93j	STWO	15	13,5	-1,5	17	32
T94a	EGWO	27,0952381	38,71428571	11,61904762	5,19047619	32,28571429
T94a	STWO	12	13	1	8	20
T94b	EGWO	22,72	33,88	11,16	4,2	26,92
T94b	STWO	7,666666667	9	1,333333333	5,066666667	12,73333333
T94c	STWO	5	6	1	0	5
T94d	EGWO	21,5	32	10,5	0,5	22
T94d	STWO	5	5,5	0,5	0	5
T94e	EGWO	14	23	9	-1	13
T94f	STWO	5	5,4	0,4	0,6	5,6
T94g	EGWO	25,8	36,5	10,7	4,1	29,9
T94g	STWO	5	16,5	11,5	5	10
T94h	EGWO	22,44444444	33,33333333	10,88888889	2,777777778	25,22222222
T94h	STWO	6	15	9	4	10
T94i	EGWO	25,3125	35,4375	10,125	3,25	28,5625
T94i	STWO	9,333333333	16,5	7,166666667	1,666666667	11
T94j	EGWO	26	36,25	10,25	-2,25	23,75
T94j	STWO	5	8	3	1	6
T94k	EGWO	24,33333333	33	8,666666667	2	26,33333333
T94k	STWO	5	15,5	10,5	1	6
T94l	EGWO	32	42	10	1	33
T94m	STWO	5	5	0	0	5
T94n	STWO	6,666666667	9,333333333	2,666666667	-0,666666667	6
T95a	STWO	5	5,6	0,6	0	5
T95b	EGWO					

T95c	EGWO	14	26	12	-1	13
T95c	STWO					
T96b	EGWO	24	30	6	-2	22
T96b	STWO	5	5	0	0	5
T96c	EGWO	25	35	10	3,666666667	28,66666667
T96c	STWO	8	8	0	10	18
T96d	EGWO	19	32	13	9	28
T96d	STWO	6,3	8	1,7	0,3	6,6
T96e	STWO	5,555555556	7	1,444444444	0,777777778	6,333333333
T96f	EGWO	21,90909091	32,81818182	10,90909091	3,454545455	25,36363636
T96f	STWO	5,428571429	7,857142857	2,428571429	2,428571429	7,857142857
T96g	EGWO	25,83333333	36,5	10,66666667	2,5	28,33333333
T96g	STWO	8,25	11	2,75	11	19,25
T97a	EGWO	24	34	10	2	26
T97a	STWO	5,111111111	5,777777778	0,666666667	-0,111111111	5
T97b	STWO	5	5,4	0,4	0	5
T97c	EGWO	24,6	33,85	9,25	0,7	25,3
T97c	STWO					
T97d	EGWO	21,5	31,83333333	10,33333333	2	23,5
T97d	STWO	5	8,571428571	3,571428571	1,714285714	6,714285714
T98a	EGWO	23,0625	32,6875	9,625	2,0625	25,125
T98a	STWO	18,2	22,2	4	4,8	23
T98b	EGWO	33	42	9	-9	24

First(Stadsdeel)	Gebruikscode	Mean(BSQ2021)	Mean(BSQ 2023 (MBM))	Mean(verschil_2021_MBM)	Mean(verschil_2021_M3E)	Mean(BSQ 2023 (M3E - punt 2 3 correctie))
A	EGWO	47,07763975	48,82608696	1,61829653	-4,312302839	43,04733728
A	STWO	41,67837079	41,57596685	-0,092827004	-3,890295359	37,69060773
B	EGWO					
B	STWO					
E	EGWO	48,06451613	49	0,935483871	0,935483871	48,625
E	STWO	38,59894921	38,63321799	0,005272408	6,699472759	45,23875433
F	EGWO	32,35412475	40,87374749	8,539235412	3,935613682	36,27254509
F	STWO	15,93850267	18,67801047	2,56684492	1,834224599	18,2377261
K	EGWO	48,46575342	48,93142857	0,452054795	0,164383562	48,71100917
K	STWO	41,62048193	41,02202643	-0,778614458	3,603915663	45,40315638
M	EGWO	47,1441048	48,72972973	1,585152838	0,877729258	47,71863118
M	STWO	35,24418605	35,77735125	0,507751938	5,32751938	40,6353167
N	EGWO	35,16210526	42,21649485	7,027368421	4,624472574	39,66528926
N	STWO	20,14338235	22,02898551	1,910780669	4,864661654	25,3442029
T	EGWO	23,87939698	34,55778894	10,67839196	2,864321608	26,74371859
T	STWO	6,626506024	8,662721893	2,048484848	1,8	8,465838509

Gebruikscode	verschil_2021_M3E [Binned]	Count(Geocode)
EGWO	13,25	2
EGWO	9,35	115
EGWO	5,45	626
EGWO	1,55	833
EGWO	-2,35	166
EGWO	-6,25	91
EGWO	-10,15	44
EGWO	-14,05	16
EGWO		271
STWO	21,05	8
STWO	17,15	16
STWO	13,25	142
STWO	9,35	613
STWO	5,45	745
STWO	1,55	794
STWO	-2,35	533
STWO	-6,25	263
STWO	-10,15	126
STWO	-14,05	20
STWO		152

Gebruikscode	verschil_2021_MBM [Binned]	Count(Geocode)
EGWO	13,9	42
EGWO	11,7	137
EGWO	9,5	385
EGWO	7,3	372
EGWO	5,1	259
EGWO	2,9	205
EGWO	0,7	494
EGWO		270
STWO	13,9	2
STWO	11,7	2
STWO	9,5	8
STWO	7,3	31
STWO	5,1	89
STWO	2,9	662
STWO	0,7	1483
STWO	-1,5	830
STWO	-3,7	128
STWO	-5,9	33
STWO		144